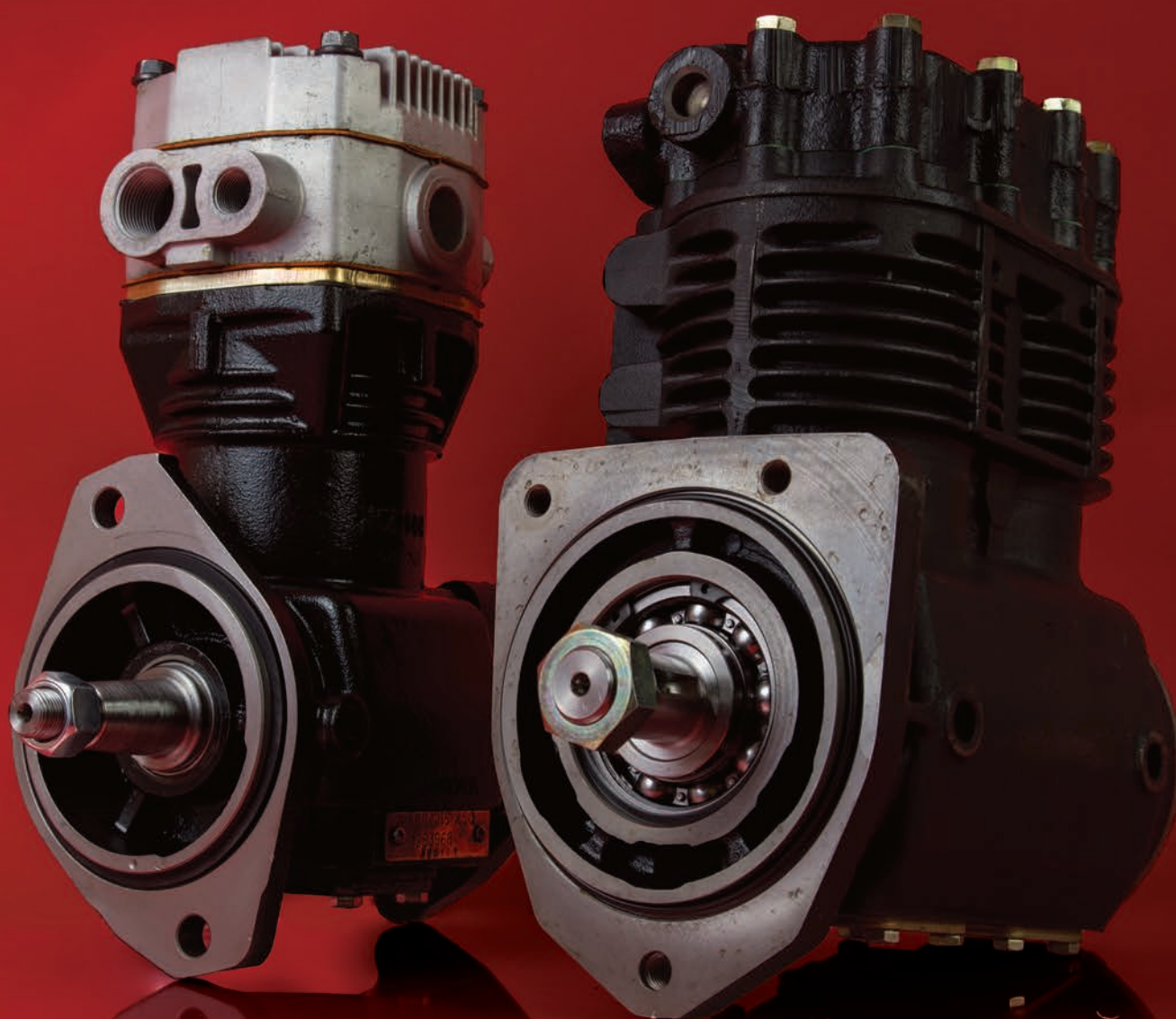




# Bendix Catalogue

Bendix, Cummings and Midland compressors

Issue 2



The airbrake specialist  
40 years of experience

Majorsell Limited was established in 1980 as a reconditioning workshop of air brake equipment for commercial vehicles and off-road equipment, specialising in the repair of spring brakes and brake valves. As quality parts were hard to obtain, the decision was made to introduce a range of Majorsell air brake parts, primarily for use in its own workshop. This then became the start of the kit programme for which Majorsell is now internationally renowned. The range of kits offered has now evolved from just brake valves to air dryers, clutch servos, calipers and of course compressors.

The range of Majorsell compressor repair kits and components has increased continually during the last 30 years and is now probably the most extensive range of aftermarket compressor parts offered by a single company in the world. All of our compressor kits are designed with the rebuilder in mind to offer high quality and maximum choice whilst keeping costs to a minimum. They are all built in our UK warehouse to our specification and all of our compressor parts are used in our own reconditioning workshop.

In early 2011 we moved to a much larger facility in West Bromwich and invested a substantial amount in new machinery for our workshop, including a brand new test machine. In 2012 another building was purchased to accommodate the increase in demand for our reconditioned compressors and in 2014 an expansion to our existing workshop was completed.

Majorsell has been exporting since 1986 and now exports to over 70 countries. Our customers include small workshops and rebuilders as well as fleet operators and large distributors. We pride ourselves on our customer service and attention to detail. All of our parts are carefully packed and are easily identifiable in our distinctive Majorsell packaging. Majorsell is an internationally recognised brand which is something we are very proud of.

All Majorsell parts are alternative to OE and are replacements to those of all the leading makes of air brake and truck manufacturers. Over the years we have developed a large database of cross references and technical information, all of which is available on our website. To avoid confusion with any other manufacturer we have our own unique part numbering system.

In addition to air brake parts we also offer a comprehensive range of caliper parts and air conditioning compressors as well as ancillary items and workshop consumables. We are also pleased to be official stockists of Wabco, Cummins, Raufoss, Fleetguard and Valvoline.



**Tel: ++44 (0) 121 544 0951**  
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Original part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.

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## BENDIX SERIES

|                                                                                   |                   |                                    |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 065049</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A144R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       |                      |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | BX2150               |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85.7 mm                                                                           | Non-through       | Water                              | 19 Kg                | Base             | Engine oil             | ½"                                | Manifold         | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK009          | A68RK009A                          |                      |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020084            | 020085                             | 020086               | 020087           |                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK087          | A68RK088                           | A68RK089             | A68RK090         |                        |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                    |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140185 (Nut)                       |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140173 (4)        | 140157 (4)                         | 140159 (4)           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                | <b>Thrust Washer</b> | <b>O Ring</b>    | <b>Locking Tab</b>     | <b>Front Oil Seal</b>             |                  |                     |
|                                                                                   | 050202            | 6307                               | 050108               | BS040            | 050008 (2)             | 110008                            |                  |                     |

|                                                                                   |                       |                                    |                   |                  |                        |                                   |                    |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: 065197</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A093R</b> |                    |                     |
|                                                                                   |                       | <b>Users</b>                       | VOLVO             | NAVISTAR         |                        |                                   |                    |                     |
|                                                                                   |                       | <b>OE</b>                          | 70001-8001        | 1672563-C91      | 107000                 | 107974                            | 107975             | 108583              |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2.78"                                                                             | Through               | Water                              | 26 kg             | Flange           | Engine oil             | ½"                                | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>     |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                   |                  |                        |                                   | A68RK096D          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                   | 020106                | 020107                             | 020108            | 020109           | 020110                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099          | A68RK100         | A68RK101               |                                   |                    |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140175 (6)        | 140164 (6)       | 140159 (6)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Inserts</b>   | <b>Inserts</b>         | <b>Thrust Washer</b>              | <b>Locking Tab</b> | <b>Front Gasket</b> |
|                                                                                   | 050064                | 6011                               | 050171            | 050172           | 050173                 | 050114                            | 050083 (2)         | 010443              |
|                                                                                   | <b>Rear Gasket</b>    | <b>O Ring</b>                      |                   |                  |                        |                                   |                    |                     |
|                                                                                   | 010094                | BS241V                             |                   |                  |                        |                                   |                    |                     |

|                                                                                     |                      |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|----------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 065198</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                      | <b>Users</b>                       | CUMMINS           |                  |                        |                           |                  |                     |
|                                                                                     |                      | <b>OE</b>                          |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2.78"                                                                               | Through              | Water                              | 24 Kg             | Flange           | Engine oil             | ½"                        | ½"               | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A68RK096             | A68RK096A                          |                   |                  |                        |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                     | 020101               | 020102                             | 020103            | 020104           | 020105                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A68RK097             | A68RK098                           | A68RK099          | A68RK100         | A68RK101               |                           |                  |                     |
| <b>Head</b>                                                                         |                      |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                      |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                      |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Flange Gasket</b> |                                    |                   |                  |                        |                           |                  |                     |
|                                                                                     | 010349               |                                    |                   |                  |                        |                           |                  |                     |



## BENDIX SERIES

|                                                                                   |                   |                                    |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 065300</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A004R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | CUMMINS              |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 104103               | 108401           | 065055                 |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85.7mm                                                                            | Through           | Water                              | 21Kg                 | Flange           | Engine oil             | 1/2"                              | Manifold         | 1/2"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK009          | A68RK009A                          |                      |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020084            | 020085                             | 020086               | 020087           |                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK087          | A68RK088                           | A68RK089             | A68RK090         |                        |                                   |                  |                     |
| <b>Head</b>                                                                       |                   | 220188 (Comp)                      |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                    |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140173 (4)        | 140157 (4)                         | 140156 (4)           | 140157 (4)       | 140159 (4)             | 140157 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                | <b>Thrust Washer</b> | <b>O Ring</b>    | <b>Locking Tab</b>     |                                   |                  |                     |
|                                                                                   | 050202            | 6307                               | 050108               | BS041            | 050008 (2)             |                                   |                  |                     |

|                                                                                   |                      |                                    |                     |                      |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|---------------------|----------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 101648</b> |                     |                      |                        | <b>MAJORSELL REBUILD: 68A099R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                       | DETROIT             | FORD                 |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                          | 8921206             | 289924               | E1 HS - 2875BA         |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2 3/4"                                                                            | Non through          | Water                              | 18 Kg               | Base                 | Engine oil             | 1/2"                              | Manifold         | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Service Kit</b>                 | <b>Unloader Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK058             | A68RK058A                          | A68RK056A           |                      |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020038               | 020039                             | 020040              | 020041               | 020042                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK019             | A68RK020                           | A68RK021            | A68RK022             | A68RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220196               |                                    |                     |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                      | 140185 (Nut)                       |                     |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140160 (4)                         | 140157 (4)          | 140159 (4)           | 140157 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Inserts</b>      | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Crank Key</b>                  | <b>Oil Seal</b>  | <b>Valve Seat</b>   |
|                                                                                   | 6011                 | 050110                             | 050009 (2)          | 050114               | 050083 (2)             | 090004                            | 110014           | 060070 (2)          |
|                                                                                   | <b>Valve Cap Nut</b> |                                    | <b>O Ring</b>       |                      |                        |                                   |                  |                     |
|                                                                                   | 060140 (2)           | BS236                              |                     |                      |                        |                                   |                  |                     |

|                                                                                     |                      |                                    |                     |                       |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|----------------------|------------------------------------|---------------------|-----------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 101649</b> |                     |                       |                        | <b>MAJORSELL REBUILD: 68A120R</b> |                      |                     |
|                                                                                     |                      | <b>Users</b>                       | DETROIT             |                       |                        |                                   |                      |                     |
|                                                                                     |                      | <b>OE</b>                          |                     |                       |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 2 3/4"                                                                              | Non through          | Water                              | 21 Kg               | Flange                | Engine oil             | 1/2"                              | Manifold             | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Unloader Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                      |                     |
|                                                                                     | A68RK058             | A68RK058A                          | A68RK056A           |                       |                        |                                   |                      |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                      |                     |
|                                                                                     | 020038               | 020039                             | 020040              | 020041                | 020042                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A68RK019             | A68RK020                           | A68RK021            | A68RK022              | A68RK023               |                                   |                      |                     |
| <b>Head</b>                                                                         |                      |                                    |                     |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                   |                      | 140185 (Nut)                       |                     |                       | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140173 (10)          | 140159 (4)                         | 140157 (4)          | 140190 (6)            | 140157 (6)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b>    | <b>Rear Bush</b>                   | <b>Inserts</b>      | <b>Thrust Washers</b> |                        | <b>Locking Tab</b>                | <b>Flange Gasket</b> | <b>Valve Seat</b>   |
|                                                                                     | 050103               | 050109                             | 050009 (2)          | 050108 (Front)        | 050114 (Rear)          | 050083 (2)                        | 010059               | 060070 (2)          |
|                                                                                     | <b>Valve Cap Nut</b> |                                    |                     |                       |                        |                                   |                      |                     |
|                                                                                     | 060140 (2)           |                                    |                     |                       |                        |                                   |                      |                     |

## BENDIX SERIES

|                                                                                   |                      |                                    |                     |                       |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|---------------------|-----------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 101650</b> |                     |                       |                        | <b>MAJORSELL REBUILD: 68A064R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                       | DETROIT             |                       |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                          |                     |                       |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 2 ¾"                                                                              | Non through          | Water                              | 20 Kg               | Flange                | Engine oil             | ½"                                | Manifold             | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Unloader Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                      |                     |
|                                                                                   | A68RK058             | A68RK058A                          | A68RK056A           |                       |                        |                                   |                      |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                      |                     |
|                                                                                   | 020038               | 020039                             | 020040              | 020041                | 020042                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A68RK019             | A68RK020                           | A68RK021            | A68RK022              | A68RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       |                      |                                    |                     |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                 |                      |                                    |                     |                       | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140174 (6)                         | 140175 (6)          | 140160 (4)            | 140103 (4)             | 140161 (5)                        | 140162 (5)           |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>    | <b>Rear Bush</b>                   | <b>Inserts</b>      | <b>Thrust Washers</b> |                        | <b>Locking Tab</b>                | <b>Flange Gasket</b> | <b>Valve Seat</b>   |
|                                                                                   | 050103               | 050109                             | 050009 (2)          | 050108 (Front)        | 050114 (Rear)          | 050083 (2)                        | 010059               | 060070 (2)          |
|                                                                                   | <b>Valve Cap Nut</b> |                                    |                     |                       |                        |                                   |                      |                     |
|                                                                                   | 060140 (2)           |                                    |                     |                       |                        |                                   |                      |                     |

|                                                                                   |                      |                                    |                     |                       |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 101651</b> |                     |                       |                        | <b>MAJORSELL REBUILD: 68A087R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                       | DETROIT             |                       |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                          | 05108209            |                       |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 2 ¾"                                                                              | Non through          | Water                              | 20 Kg               | Flange                | Engine oil             | ½"                                | Manifold             | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Unloader Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                      |                     |
|                                                                                   | A68RK058             | A68RK058A                          | A68RK056A           |                       |                        |                                   |                      |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                      |                     |
|                                                                                   | 020038               | 020039                             | 020040              | 020041                | 020042                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A68RK019             | A68RK020                           | A68RK021            | A68RK022              | A68RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       |                      |                                    |                     |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                 |                      |                                    |                     |                       | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140174 (6)                         | 140175 (6)          | 140160 (4)            | 140103 (4)             | 140161 (5)                        | 140162 (5)           |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>    | <b>Rear Bush</b>                   | <b>Inserts</b>      | <b>Thrust Washers</b> |                        | <b>Locking Tab</b>                | <b>Flange Gasket</b> | <b>Valve Seat</b>   |
|                                                                                   | 050103               | 050109                             | 050009 (2)          | 050108 (Front)        | 050114 (Rear)          | 050083 (2)                        | 010059               | 060070 (2)          |
|                                                                                   | <b>Valve Cap Nut</b> |                                    |                     |                       |                        |                                   |                      |                     |
|                                                                                   | 060140 (2)           |                                    |                     |                       |                        |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                      |                        |                                   |                    |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|----------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 104437</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A128R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                       |                   |                      |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                          | F8HT2875FA        |                      |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2 ¾"                                                                                | Through           | Water                              | 20 Kg             | Base                 | Engine oil             | ½"                                | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                    |                     |
|                                                                                     |                   | A68RK038A                          | A68RK056A         |                      |                        |                                   |                    |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                     | 020028            | 020029                             | 020030            | 020031               | 020032                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A68RK051          | A68RK052                           | A68RK053          | A68RK054             | A68RK055               |                                   |                    |                     |
| <b>Head</b>                                                                         |                   |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    |                     |
| <b>Crankshaft</b>                                                                   |                   | 140185 (Nut)                       |                   |                      | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140217 (6)        | 140219 (4)                         | 140218 (4)        | 140194 (6)           |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Crank Key</b>                  | <b>Sump Gasket</b> | <b>Liner Sleeve</b> |
|                                                                                     | 050115            | 6207                               | 050014 (2)        | 050108               | 050083 (2)             | 090004                            | 010092             | 020982 (2)          |

## BENDIX SERIES

|                                                                                   |                       |                                    |                   |                      |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|----------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: 107007</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A109R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | VOLVO             |                      |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 065204            | 107513               |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2.78"                                                                             | Non-through           | Water                              | 22 Kg             | Flange               | Engine oil             | ½"                                | Manifold         | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>   |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                   |                      |                        |                                   | A68RK096D        |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020106                | 020107                             | 020108            | 020109               | 020110                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099          | A68RK100             | A68RK101               |                                   |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140157 (4)        | 140164 (4)           | 140164 (6)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear bush</b>                   | <b>Inserts</b>    | <b>Thrust Washer</b> |                        | <b>O Ring</b>                     | <b>Inserts</b>   | <b>Sump Gasket</b>  |
|                                                                                   | 050064                | 050115                             | 050171 (2)        | 050114 (Front)       | 050108 (Rear)          | BS241V                            | 050083 (2)       | 010393              |
|                                                                                   | <b>Flange Gasket</b>  | <b>Liner Sleeve</b>                |                   |                      |                        |                                   |                  |                     |
|                                                                                   | 010059                | 020994 (2)                         |                   |                      |                        |                                   |                  |                     |

|                                                                                   |                       |                                    |                   |                      |                        |                                   |                     |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: 107506</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A103R</b> |                     |                     |
|                                                                                   |                       | <b>Users</b>                       | CUMMINS           |                      |                        |                                   |                     |                     |
|                                                                                   |                       | <b>OE</b>                          | 3069211           | 3074470              | 3166445                | 3417958                           | 109197-065197       |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2.78"                                                                             | Through               | Water                              | 22 Kg             | Flange               | Engine oil             | ½"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>      |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                   |                      |                        |                                   | A68RK096D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020106                | 020107                             | 020108            | 020109               | 020110                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099          | A68RK100             | A68RK101               |                                   |                     |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140157 (4)        | 140164 (4)           | 140164 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear bush</b>                   | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Flange Gasket</b>              | <b>Liner Sleeve</b> |                     |
|                                                                                   | 050064                | 6011                               | 050171 (2)        | 050114               | 050083 (2)             | 010443 (Front)                    | 010094 (Rear)       | 020994 (2)          |

|                                                                                     |                   |                                    |                   |                      |                        |                                   |                     |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 107507</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A151R</b> |                     |                     |
|                                                                                     |                   | <b>Users</b>                       |                   |                      |                        |                                   |                     |                     |
|                                                                                     |                   | <b>OE</b>                          |                   |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2.78"                                                                               | Through           | Water                              | 22 kg             | Flange               | Engine Oil             | Water                             | 1/2"                | 1/2"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                     | A68RK096          | A68RK096A                          |                   |                      |                        |                                   | A68RK096D           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                     | 020101            | 020102                             | 020103            | 020104               | 020105                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK097          | A68RK098                           | A68RK099          | A68RK100             | A68RK101               |                                   |                     |                     |
| <b>Head</b>                                                                         |                   |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                   |                   |                                    |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140163 (6)        | 140159 (4)                         | 140157 (4)        | 140164 (6)           |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Gasket</b>          | <b>Gasket</b>                     | <b>Gasket</b>       | <b>Liner Sleeve</b> |
|                                                                                     | 050064            | 6011                               | 050171 (2)        | 050114               | 010393                 | 010443                            | 010094              | 020994              |

## BENDIX SERIES

|                                                                                   |                       |                                    |                      |                  |                        |                                   |                  |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: 107783</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A043R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | DETROIT              |                  |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 23509780             |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2.78"                                                                             | Non through           | Water                              | 17 Kg                | Flange           | Engine oil             | ½"                                | ½"               | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>   |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                      |                  |                        |                                   | A68RK096D        |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020101                | 020102                             | 020103               | 020104           | 020105                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099             | A68RK100         | A68RK101               |                                   |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140157 (4)           | 140159 (4)       | 140164 (4)             | 140164 (6)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear bush</b>                   | <b>Inserts (2)</b>   |                  |                        | <b>Thrust Washer</b>              |                  | <b>Locking Tab</b>  |
|                                                                                   | 050064                | 050115                             | 050171               | 050172           | 050173                 | 050114 (Front)                    | 050108 (Rear)    | 050083              |
|                                                                                   | <b>Sump Gasket</b>    | <b>O Ring</b>                      | <b>Flange Gasket</b> |                  | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 010393                | BS241V                             | 010059               |                  | 020994                 |                                   |                  |                     |

|                                                                                   |                       |                                    |                     |                  |                        |                                   |                    |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: 107981</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 68A073R</b> |                    |                     |
|                                                                                   |                       | <b>Users</b>                       | CAT                 |                  |                        |                                   |                    |                     |
|                                                                                   |                       | <b>OE</b>                          | 4P0596              | 4P2419           | 4P3956                 | CAT3116                           | CAT3126            | 6L1670              |
|                                                                                   |                       |                                    | OR3391              | 1043823          | 1067851                | 1067852                           | 1069089            | 1092996             |
|                                                                                   |                       |                                    | 1259562             | 1647557          | 1647558                | 3093850                           | 8166665            |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2.78"                                                                             | Through               | Water                              | 28 Kg               | Flange           | Engine oil             | ¾"                                | ½"                 | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>     |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                     |                  |                        |                                   | A68RK096D          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                   | 020106                | 020107                             | 020108              | 020109           | 020110                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099            | A68RK100         | A68RK101               |                                   |                    |                     |
| <b>Head</b>                                                                       |                       |                                    |                     |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    |                     |
| <b>Crankshaft</b>                                                                 |                       | 140141 (Nut)                       |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140157 (4)          | 140156 (4)       | 140164 (5)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear Bearing</b>                | <b>Inserts (2)</b>  |                  |                        | <b>Thrust Washer</b>              | <b>Locking Tab</b> | <b>O Ring</b>       |
|                                                                                   | 050064                | 6011                               | 050171              | 050172           | 050173                 | 050114                            | 050083 (2)         | BS241V              |
|                                                                                   | <b>Sump Gasket</b>    | <b>Flange Gasket</b>               | <b>Liner Sleeve</b> |                  |                        |                                   |                    |                     |
|                                                                                   | 010393                | 010059                             | 020994 (2)          |                  |                        |                                   |                    |                     |

|                                                                                     |                   |                                    |                   |                      |                        |                                   |                     |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 108226</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A113R</b> |                     |                     |
|                                                                                     |                   | <b>Users</b>                       | CUMMINS           |                      |                        |                                   |                     |                     |
|                                                                                     |                   | <b>OE</b>                          | 3924878           |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2.5"                                                                                | Non through       | Water                              | 20 Kg             | Flange               | Engine oil             | ½"                                | Manifold.           | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                     |
|                                                                                     |                   | A68RK038A                          |                   |                      |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020028            | 020029                             | 020030            | 020031               | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK051          | A68RK052                           | A68RK053          | A68RK054             | A68RK055               |                                   |                     |                     |
| <b>Head</b>                                                                         |                   |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                   |                   | 140240 (Nut)                       |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140217 (6)        | 140156 (4)                         | 140157 (4)        | 140175 (6)           |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Valve Seat</b>                 | <b>Sump Gasket</b>  | <b>Liner Sleeve</b> |
|                                                                                     | 050115            | 6207                               | 050014 (2)        | 050108               | 050083 (2)             | 060070 (2)                        | 010092              | 020982 (2)          |



## BENDIX SERIES

|                                                                                   |                    |                                    |                  |                      |                        |                                   |                    |                     |
|-----------------------------------------------------------------------------------|--------------------|------------------------------------|------------------|----------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                    | <b>MAJORSELL PARTS FOR: 109072</b> |                  |                      |                        | <b>MAJORSELL REBUILD: 68A014R</b> |                    |                     |
|                                                                                   |                    | <b>Users</b>                       | CUMMINS          | ERF                  |                        |                                   |                    |                     |
|                                                                                   |                    | <b>OE</b>                          | 3924878          | 109073               |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>       | <b>Cooling</b>                     | <b>Weight</b>    | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2.5"                                                                              | Non through        | Water                              | 20 Kg            | Flange               | Engine oil             | ½"                                | Manifold.          | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b> | <b>Gasket Kit</b>                  | <b>Valve Kit</b> | <b>Valve Plate</b>   | <b>Cooling Plate</b>   | <b>Unloader Kit</b>               |                    |                     |
|                                                                                   | A68RK038A          |                                    |                  |                      |                        | A68RK056A                         |                    |                     |
| <b>Piston</b>                                                                     | <b>Std</b>         | <b>+0.010"</b>                     | <b>+0.020"</b>   | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                   | 020028             | 020029                             | 020030           | 020031               | 020032                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A68RK051           | A68RK052                           | A68RK053         | A68RK054             | A68RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       |                    |                                    |                  |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    |                     |
| <b>Crankshaft</b>                                                                 |                    | 140240 (Nut)                       |                  |                      | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140217 (6)         | 140156 (4)                         | 140157 (4)       | 140175 (6)           |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>  | <b>Rear Bearing</b>                | <b>Inserts</b>   | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Valve Seat</b>                 | <b>Sump Gasket</b> | <b>Liner Sleeve</b> |
|                                                                                   | 050115             | 6207                               | 050014 (2)       | 050108               | 050083 (2)             | 060070 (2)                        | 010092             | 020982 (2)          |

|                                                                                   |                       |                                    |                   |                       |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|-----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: 109250</b> |                   |                       |                        | <b>MAJORSELL REBUILD: 68A133R</b> |                     |                     |
|                                                                                   |                       | <b>Users</b>                       | CATERPILLAR       |                       |                        |                                   |                     |                     |
|                                                                                   |                       | <b>OE</b>                          | 109-1317          |                       |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2.78"                                                                             | Non through           | Water                              | 22 Kg             | Flange                | Engine oil             | ½"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>      |                     |
|                                                                                   | A68RK096              | A68RK096A                          |                   |                       |                        |                                   | A68RK096D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020106                | 020107                             | 020108            | 020109                | 020110                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK097              | A68RK098                           | A68RK099          | A68RK100              | A68RK101               |                                   |                     |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                   |                       | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140163 (6)            | 140159 (4)                         | 140157 (4)        | 140164 (4)            | 140164 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>     | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Thrust Washers</b> |                        | <b>O Ring</b>                     | <b>Liner Sleeve</b> | <b>Lock Tabs</b>    |
|                                                                                   | 050064                | 050115                             | 050171 (2)        | 050114 (Front)        | 050108 (Rear)          | BS241V                            | 020994 (2)          | 050083 (2)          |
|                                                                                   | <b>Sump Gasket</b>    | <b>Flange Gasket</b>               |                   |                       |                        |                                   |                     |                     |
|                                                                                   | 010393                | 010098                             |                   |                       |                        |                                   |                     |                     |

|                                                                                     |                       |                                    |                   |                       |                        |                                   |                    |                     |
|-------------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|-----------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: 109864</b> |                   |                       |                        | <b>MAJORSELL REBUILD: 68A142R</b> |                    |                     |
|                                                                                     |                       | <b>Users</b>                       | CAT               |                       |                        |                                   |                    |                     |
|                                                                                     |                       | <b>OE</b>                          | 109604            |                       |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2.78"                                                                               | Non-through           | Water                              | 22 Kg             | Flange                | Engine oil             | ½"                                | Manifold           | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Major Head Kit</b> | <b>Minor Head Kit</b>              | <b>Gasket Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>     |                     |
|                                                                                     | A68RK096              | A68RK096A                          |                   |                       |                        |                                   | A68RK096D          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>            | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                     | 020101                | 020102                             | 020103            | 020104                | 020105                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A68RK097              | A68RK098                           | A68RK099          | A68RK100              | A68RK101               |                                   |                    |                     |
| <b>Head</b>                                                                         |                       |                                    |                   |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    |                     |
| <b>Crankshaft</b>                                                                   |                       | 140301 (Nut)                       |                   |                       | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140163 (6)            | 140164 (4)                         | 140164 (6)        |                       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b>     | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Thrust Washers</b> |                        | <b>Locking Tab</b>                | <b>Sump Gasket</b> | <b>O Ring</b>       |
|                                                                                     | 050064                | 050115                             | 050171 (2)        | 050114 (Front)        | 050108 (Rear)          | 050083 (2)                        | 010393             | BS241V              |
|                                                                                     | <b>Cover Gasket</b>   | <b>Liner Sleeve</b>                |                   |                       |                        |                                   |                    |                     |
|                                                                                     | 010060                | 020994 (2)                         |                   |                       |                        |                                   |                    |                     |

## BENDIX SERIES

|                                                                                   |                      |                                    |                      |                    |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 227331</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A139R</b> |                     |                     |
|                                                                                   |                      | <b>Users</b>                       |                      |                    |                        |                                   |                     |                     |
|                                                                                   |                      | <b>OE</b>                          |                      |                    |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non through          | Water                              | 21 Kg                | Base               | Engine oil             | ¾"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A69RK021A            |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020000               | 020001                             | 020002               | 020003             | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK001             | A68RK002                           | A68RK003             | A68RK004           | A68RK005               |                                   |                     |                     |
| <b>Head</b>                                                                       | 226098               |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                      |                                    |                      |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140159 (4)                         | 140157 (4)           | 140160 (4)         | 140157 (4)             | 140190 (6)                        | 140175 (6)          |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Oil Ring</b>        | <b>Oil Seal</b>                   | <b>Sump Gasket</b>  | <b>Liner Sleeve</b> |
|                                                                                   | 6011                 | 050009 (2)                         | 050114               | 050083 (2)         | 090008                 | 110014                            | 010066              | 020983 (2)          |

|                                                                                   |                    |                                    |                   |                  |                        |                                   |                     |                     |
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|  |                    | <b>MAJORSELL PARTS FOR: 229990</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A110R</b> |                     |                     |
|                                                                                   |                    | <b>Users</b>                       | RUSTON BUCYRUS    |                  |                        |                                   |                     |                     |
|                                                                                   |                    | <b>OE</b>                          |                   |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>       | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non through        | Water                              | 39 Kg             | Base             | Engine oil             | ¾"                                | Flange              | Flange              |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK021A          | A68RK056A                          |                   |                  |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>         | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020000             | 020001                             | 020002            | 020003           | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK001           | A68RK002                           | A68RK003          | A68RK004         | A68RK005               |                                   |                     |                     |
| <b>Head</b>                                                                       |                    |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                    | 140185 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (20)        | 140190 (12)                        | 140175 (12)       | 140159 (5)       | 140103 (5)             | 140159 (5)                        | 140103 (5)          | 140161 (8)          |
|                                                                                   | 140162 (8)         |                                    |                   |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Bearing</b>     | <b>Inserts</b>                     | <b>Gasket</b>     | <b>Oil Ring</b>  | <b>Oil Seal</b>        | <b>Sump Gasket</b>                | <b>Lock strap</b>   | <b>Crank Key</b>    |
|                                                                                   | 6011               | 050095 (4)                         | 010075            | 090008           | 110008                 | 010076                            | 050295              | 090004              |

|                                                                                     |                     |                                    |                   |                  |                        |                                   |                     |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: 271721</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A065R</b> |                     |                     |
|                                                                                     |                     | <b>Users</b>                       | DAF               | SCANIA           | VOLVO                  |                                   |                     |                     |
|                                                                                     |                     | <b>OE</b>                          | BBU5512           | 6243117          | 571003                 | 148085                            | 141144              |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>        | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                                 | Non through         | Water                              | 15Kg              | Flange           | Engine oil             | 3/8"                              | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>     | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> | <b>D2 Gov Kit</b>   |
|                                                                                     | A69RK021            | A69RK021A                          |                   |                  |                        |                                   | A68RK056A           | B68RK003            |
| <b>Piston</b>                                                                       | <b>Std</b>          | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020000              | 020001                             | 020002            | 020003           | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK001            | A68RK002                           | A68RK003          | A68RK004         | A68RK005               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                    | A68RK014            | A68RK015                           | A68RK016          | A68RK017         | A68RK018               |                                   |                     |                     |
| <b>Head</b>                                                                         |                     |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                   |                     |                                    |                   |                  | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        |                     |                                    |                   |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Liner Sleeve</b> |                                    |                   |                  |                        |                                   |                     |                     |
|                                                                                     | 020983 (2)          |                                    |                   |                  |                        |                                   |                     |                     |

## BENDIX SERIES

|                                                                                   |                      |                                    |                     |                      |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|---------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 274838</b> |                     |                      |                        | <b>MAJORSELL REBUILD: 68A045R</b> |                     |                     |
|                                                                                   |                      | <b>Users</b>                       | DAF                 | DENNIS               | ERF                    | IVECO                             | VOLVO               |                     |
|                                                                                   |                      | <b>OE</b>                          | 949929<br>25C111148 | 60806<br>8112781     | 41432<br>BBU5505       | L29274<br>650027                  | 650397<br>4719522   | ACU5896<br>11202    |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non-through          | Water                              | 21 Kg               | Base                 | Engine oil             | ¾"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Service Kit</b>                 | <b>Gasket Kit</b>   | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> | <b>D2 Gov Kit</b>   |
|                                                                                   | A69RK021             | A69RK021A                          |                     |                      |                        |                                   | A68RK056A           | B68RK003            |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020000               | 020001                             | 020002              | 020003               | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK001             | A68RK002                           | A68RK003            | A68RK004             | A68RK005               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK014             | A68RK015                           | A68RK016            | A68RK017             | A68RK018               |                                   |                     |                     |
| <b>Crankshaft</b>                                                                 |                      | 140185 (Nut)                       |                     |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140172 (4)                         | 140162 (4)          | 140160 (4)           | 140157 (4)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>      | <b>Thrust Washer</b> | <b>Oil Seal</b>        | <b>Oil Ring</b>                   | <b>Sump Gasket</b>  | <b>Valve Seat</b>   |
|                                                                                   | 6307                 | 6011                               | 050009 (2)          | 050114               | 110014                 | 090008                            | 010001              | 060070 (2)          |
|                                                                                   | <b>Valve Cap Nut</b> | <b>Liner Sleeve</b>                |                     |                      |                        |                                   |                     |                     |
|                                                                                   | 060140 (2)           | 020983 (2)                         |                     |                      |                        |                                   |                     |                     |

\*Fitted to: Gardner, Bristol VR Bus, Fleetline Bus, Olympian Bus, Dominator

|                                                                                   |                      |                                    |                   |                    |                        |                                   |                    |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 274935</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 68A117R</b> |                    |                     |
|                                                                                   |                      | <b>Users</b>                       |                   |                    |                        |                                   |                    |                     |
|                                                                                   |                      | <b>OE</b>                          |                   |                    |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 2½"                                                                               | Non-through          | Water                              | 21 Kg             | Base               | Engine oil             | ¾"                                | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Unloader Kit</b>               |                    |                     |
|                                                                                   | A69RK021A            |                                    |                   |                    |                        | A68RK056A                         |                    |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                    |                     |
|                                                                                   | 020000               | 020001                             | 020002            | 020003             | 020004                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A68RK001             | A68RK002                           | A68RK003          | A68RK004           | A68RK005               |                                   |                    |                     |
| <b>Crankshaft</b>                                                                 |                      | 140306 (Nut)                       |                   |                    | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140161 (4)                         | 140162 (4)        | 140159 (4)         | 140157 (4)             | 140190 (6)                        | 140175 (6)         | 140161 (6)          |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Tab Washers</b> | <b>Oil Seal</b>        | <b>Oil Ring</b>                   | <b>Sump Gasket</b> | <b>Liner Sleeve</b> |
|                                                                                   | 6307                 | 6011                               | 050005 (2)        | 050008 (4)         | 110014                 | 090008                            | 010001             | 020983 (2)          |

|                                                                                     |                    |                                    |                     |                      |                        |                                   |                     |                     |
|-------------------------------------------------------------------------------------|--------------------|------------------------------------|---------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                    | <b>MAJORSELL PARTS FOR: 276961</b> |                     |                      |                        | <b>MAJORSELL REBUILD: 68A056R</b> |                     |                     |
|                                                                                     |                    | <b>Users</b>                       | DETROIT             | <b>OE</b>            | 275857                 | 276111                            | 276167              | 276843              |
|                                                                                     |                    |                                    | 226288              | 226862               | 227330                 | 227579                            | 228333              | 228373              |
|                                                                                     |                    |                                    | 228421              | 228446               | 229470                 | 229563                            | 275039              |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>       | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                                 | Non-through        | Water                              | 22 Kg               | Flange               | Engine oil             | ½"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> | <b>D2 Gov Kit</b>   |
|                                                                                     | A69RK021A          |                                    | A69RK021B           |                      |                        |                                   | A68RK056A           | B68RK003            |
| <b>Piston</b>                                                                       | <b>Std</b>         | <b>+0.010"</b>                     | <b>+0.020"</b>      | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020000             | 020001                             | 020002              | 020003               | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK001           | A68RK002                           | A68RK003            | A68RK004             | A68RK005               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                    | A68RK014           | A68RK015                           | A68RK016            | A68RK017             | A68RK018               |                                   |                     |                     |
| <b>Crankshaft</b>                                                                   |                    | 140185 (Nut)                       |                     |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140173 (10)        | 140159 (4)                         | 140157 (4)          | 140161 (6)           | 140162 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b>  | <b>Rear Bush</b>                   | <b>Inserts</b>      | <b>Thrust Washer</b> |                        | <b>Locking Tab</b>                | <b>Oil Ring</b>     | <b>Oil Seal</b>     |
|                                                                                     | 050103             | 050109                             | 050009 (2)          | 050108 (Front)       | 050114 (Rear)          | 050150 (4)                        | 090008              | 110014              |
|                                                                                     | <b>Valve Seat</b>  | <b>Valve Cap Nut</b>               | <b>Liner Sleeve</b> |                      |                        |                                   |                     |                     |
|                                                                                     | 060070 (2)         | 060140 (2)                         | 020983 (2)          |                      |                        |                                   |                     |                     |

|                                                                                  |                      |                                    |                       |                      |                        |                                   |                     |                     |
|----------------------------------------------------------------------------------|----------------------|------------------------------------|-----------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                      | <b>BENDIX SERIES</b>               |                       |                      |                        |                                   |                     |                     |
|                                                                                  |                      | <b>MAJORSELL PARTS FOR: 277057</b> |                       |                      |                        | <b>MAJORSELL REBUILD: 68A100R</b> |                     |                     |
|                                                                                  |                      | <b>Users</b>                       | CAT                   |                      |                        |                                   |                     |                     |
|                                                                                  |                      | <b>OE</b>                          | 227320                |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                      | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                              | Non-through          | Water                              | 21 Kg                 | Base                 | Engine oil             | ¾"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                               | <b>Full Kit</b>      | <b>Service Kit</b>                 | <b>Gasket Kit</b>     | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> | <b>D2 Gov Kit</b>   |
|                                                                                  | A69RK021             | A69RK021A                          | A69RK021B             |                      |                        |                                   | A68RK056A           | B68RK003            |
| <b>Piston</b>                                                                    | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>        | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                  | 020000               | 020001                             | 020002                | 020003               | 020004                 |                                   |                     |                     |
| <b>Rings</b>                                                                     | A68RK001             | A68RK002                           | A68RK003              | A68RK004             | A68RK005               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                 | A68RK014             | A68RK015                           | A68RK016              | A68RK017             | A68RK018               |                                   |                     |                     |
| <b>Head</b>                                                                      | 220196               |                                    |                       |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                |                      | 140185 (Nut)                       |                       |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                     | 140173 (10)          | 140160 (4)                         | 140159 (4)            |                      |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                               | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Inserts</b>        | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>O Ring</b>                     |                     | <b>Oil Seal</b>     |
|                                                                                  | 6011                 | 050109                             | 050009 (2)            | 050114               | 050008 (4)             | BS236                             | BS011               | 110029              |
|                                                                                  | <b>Valve Seat</b>    | <b>Valve Cap Nut</b>               | <b>Crankshaft Key</b> |                      | <b>Liner Sleeve</b>    |                                   |                     |                     |
|                                                                                  | 060070 (2)           | 060140 (2)                         | 090004                |                      | 020983 (2)             |                                   |                     |                     |

|                                                                                   |                      |                                    |                   |                    |                    |                                   |                     |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 280737</b> |                   |                    |                    | <b>MAJORSELL REBUILD: 68A006R</b> |                     |                     |
|                                                                                   |                      | <b>Users</b>                       | VOLVO             |                    |                    |                                   |                     |                     |
|                                                                                   |                      | <b>OE</b>                          | 1599919           | 1611815            | 351453             | 5001153                           |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>        | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non-through          | Water                              | 21 Kg             | Flange             | Engine oil         | ¾"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b> |                                   | <b>Unloader Kit</b> | <b>D2 Gov Kit</b>   |
|                                                                                   | A69RK021             | A69RK021A                          | A69RK021B         |                    |                    |                                   | A68RK056A           | B68RK003            |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>     | <b>+0.040"</b>     |                                   |                     |                     |
|                                                                                   | 020000               | 020001                             | 020002            | 020003             | 020004             |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK001             | A68RK002                           | A68RK003          | A68RK004           | A68RK005           |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK014             | A68RK015                           | A68RK016          | A68RK017           | A68RK018           |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140160 (4)                         | 140103 (4)        | 140161 (6)         |                    |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Locking Tab</b> | <b>Oil Ring</b>    | <b>Sump Gasket</b>                | <b>O Ring</b>       | <b>Valve Seat</b>   |
|                                                                                   | 6207 (2)             | 6011                               | 050005 (2)        | 050008 (4)         | 090008 (4)         | 010027                            | RM1150-30V          | 060070 (2)          |
|                                                                                   | <b>Valve Cap Nut</b> | <b>Liner Sleeve</b>                | <b>Crank Key</b>  |                    |                    |                                   |                     |                     |
|                                                                                   | 060140 (2)           | 020983 (2)                         | 090004            |                    |                    |                                   |                     |                     |

|                                                                                     |                   |                                    |                   |                      |                        |                                   |                   |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 282397</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A092R</b> |                   |                     |
|                                                                                     |                   | <b>Users</b>                       | TEREX             |                      |                        |                                   |                   |                     |
|                                                                                     |                   | <b>OE</b>                          | 5144303           | 229695               | 275007                 | 276915                            | 277242            | 279921              |
|                                                                                     |                   |                                    | 286418            |                      |                        |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 2½"                                                                                 | Non-through       | Water                              | 20 Kg             | Flange               | Engine oil             | ¾"                                | Manifold          | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Unloader Kit</b>               | <b>D2 Gov Kit</b> |                     |
|                                                                                     | A69RK021          | A69RK021A                          | A69RK021B         |                      |                        | A68RK056A                         | B68RK003          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                     | 020000            | 020001                             | 020002            | 020003               | 020004                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A68RK001          | A68RK002                           | A68RK003          | A68RK004             | A68RK005               |                                   |                   |                     |
| <b>Alt Rings</b>                                                                    | A68RK014          | A68RK015                           | A68RK016          | A68RK017             | A68RK018               |                                   |                   |                     |
| <b>Crankshaft</b>                                                                   |                   | 140185 (Nut)                       |                   |                      | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140173 (10)       | 140159 (4)                         | 140157 (4)        |                      |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Thrust Washer</b> |                        | <b>Locking Tab</b>                | <b>Oil Ring</b>   | <b>Oil Seal</b>     |
|                                                                                     | 050103            | 050109                             | 050009 (2)        | 050108 (Front)       | 050114(Rear)           | 050008 (4)                        | 090008            | 110014              |
|                                                                                     | <b>Valve Seat</b> | <b>Valve Cap Nut</b>               | <b>O Ring</b>     | <b>Liner Sleeve</b>  |                        |                                   |                   |                     |
|                                                                                     | 060070 (2)        | 060140 (2)                         | BS236             | 020983 (2)           |                        |                                   |                   |                     |

## BENDIX SERIES

|                                                                                   |                      |                                    |                   |                  |                        |                                   |                         |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 282404</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A089R</b> |                         |                     |
|                                                                                   |                      | <b>Users</b>                       | DETROIT           | NAVISTAR         |                        |                                   |                         |                     |
|                                                                                   |                      | <b>OE</b>                          | 276777            | 275725           | 278562                 | 279162                            | 283348                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>        | <b>Air Delivery</b> |
| 2½"                                                                               | Non-through          | Water                              | 34 Kg             | Flange           | Engine oil             | ¾"                                | Flange                  | Flange              |
| <b>Repair Kits</b>                                                                | <b>Full Kit (2)</b>  | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   | <b>Unloader Kit (2)</b> |                     |
|                                                                                   | A68RK129A            |                                    |                   |                  |                        |                                   | A68RK056A               |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                         |                     |
|                                                                                   | 020000               | 020001                             | 020002            | 020003           | 020004                 |                                   |                         |                     |
| <b>Rings</b>                                                                      | A68RK001             | A68RK002                           | A68RK003          | A68RK004         | A68RK005               |                                   |                         |                     |
| <b>Alt Rings</b>                                                                  | A68RK014             | A68RK015                           | A68RK016          | A68RK017         | A68RK018               |                                   |                         |                     |
| <b>Head</b>                                                                       |                      |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>         |                     |
| <b>Crankshaft</b>                                                                 |                      | 140185 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                         |                     |
| <b>Bolts</b>                                                                      | 140173 (20)          | 140159 (5)                         | 140103 (5)        | 140187 (4)       | 140190 (12)            | 140175 (12)                       |                         |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Gasket</b>    | <b>Oil Ring</b>        | <b>Sump Gasket</b>                | <b>Flange Gasket</b>    | <b>Oil Seal</b>     |
|                                                                                   | 6207                 | 6011                               | 050095 (4)        | 010075           | 090008                 | 010079                            | 010059                  | 110008              |

\*Detroit 'O' degrees straight

\*Used on Navistar Detroit 8V71

|                                                                                   |                      |                                    |                   |                      |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|-------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 285923</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A104R</b> |                     |                     |
|                                                                                   |                      | <b>Users</b>                       | DETROIT           |                      |                        |                                   |                     |                     |
|                                                                                   |                      | <b>OE</b>                          | 286576            |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2⅝"                                                                               | Non through          | Water                              | 20 Kg             | Base                 | Engine oil             | ½"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A            |                                    |                   |                      |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028               | 020029                             | 020030            | 020031               | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051             | A68RK052                           | A68RK053          | A68RK054             | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK046             | A68RK047                           | A68RK048          | A68RK049             | A68RK050               |                                   |                     |                     |
| <b>Head</b>                                                                       |                      |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                      |                                    |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217 (6)           | 140219 (4)                         | 140218 (4)        | 140194 (6)           |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Oil Seal</b>                   | <b>Liner Sleeve</b> | <b>Crank Key</b>    |
|                                                                                   | 6207                 | 050115                             | 050014 (2)        | 050108               | 050083 (2)             | 110014                            | 020982 (2)          | 090004              |

|                                                                                     |                      |                                    |                   |                    |                        |                                   |                     |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 285924</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 68A107R</b> |                     |                     |
|                                                                                     |                      | <b>Users</b>                       | DETROIT           |                    |                        |                                   |                     |                     |
|                                                                                     |                      | <b>OE</b>                          | 286578            |                    |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2⅝"                                                                                 | Non through          | Water                              | 20 Kg             | Base               | Engine oil             | ½"                                | Flange              | Flange              |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                     |
|                                                                                     | A68RK038A            |                                    |                   |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020028               | 020029                             | 020030            | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK051             | A68RK052                           | A68RK053          | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                    | A68RK046             | A68RK047                           | A68RK048          | A68RK049           | A68RK050               |                                   |                     |                     |
| <b>Head</b>                                                                         |                      |                                    |                   |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                   |                      | 140185 (Nut)                       |                   |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140217 (6)           | 140219 (4)                         | 140218 (4)        | 140194 (6)         |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Locking Tab</b> | <b>Thrust Washer</b>   | <b>Oil Seal</b>                   | <b>Liner Sleeve</b> | <b>Crank Key</b>    |
|                                                                                     | 6207                 | 050115                             | 050014 (2)        | 050083 (2)         | 050108                 | 110014                            | 020982 (2)          | 090004              |

Original names & part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.



## BENDIX SERIES

|                                                                                   |                                |                                    |                      |                    |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|--------------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                                | <b>MAJORSELL PARTS FOR: 285970</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A088R</b> |                     |                     |
|                                                                                   |                                | <b>Users</b>                       | DETROIT              |                    |                        |                                   |                     |                     |
|                                                                                   |                                | <b>OE</b>                          | 286538               | 282094             |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                   | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2 5/8"                                                                            | Non through                    | Water                              | 22Kg                 | Flange             | Engine oil             | 1/2"                              | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>             | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A                      |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                     | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028                         | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051                       | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Crankshaft</b>                                                                 |                                | 140185 (Nut)                       | 090004 (key)         |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217 (6)                     | 140219 (4)                         | 140218 (4)           | 140192 (6)         | 140175 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Bush (Front &amp; Back)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Sump Gasket</b> | <b>Locking Tab</b>     | <b>Gasket</b>                     | <b>O Ring</b>       | <b>Liner Sleeve</b> |
|                                                                                   | 050115                         | 050014 (2)                         | 050108 (2)           | 010092             | 050083 (2)             | 010059                            | RM1150-30V          | 020982 (2)          |

\*Used on Detroit Diesel GMC IHC

|                                                                                   |                      |                                    |                   |                      |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|----------------------|------------------------------------|-------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 286017</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A047R</b> |                     |                     |
|                                                                                   |                      | <b>Users</b>                       | CAT               |                      |                        |                                   |                     |                     |
|                                                                                   |                      | <b>OE</b>                          | 286580            |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2 5/8"                                                                            | Non through          | Water                              | 20Kg              | Base                 | Engine oil             | 1/2"                              | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A            |                                    |                   |                      |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028               | 020029                             | 020030            | 020031               | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051             | A68RK052                           | A68RK053          | A68RK054             | A68RK055               |                                   |                     |                     |
| <b>Crankshaft</b>                                                                 |                      | 140185 (Nut)                       | 090004 (Key)      |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217 (6)           | 140219 (4)                         | 140218 (4)        | 140194 (6)           |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Oil Seal</b>                   | <b>Sump Gasket</b>  | <b>Liner Sleeve</b> |
|                                                                                   | 6207                 | 050115                             | 050014 (2)        | 050108               | 050083 (2)             | 110014                            | 010092              | 020982 (2)          |

|                                                                                     |                                |                                    |                   |                      |                        |                                   |                     |                     |
|-------------------------------------------------------------------------------------|--------------------------------|------------------------------------|-------------------|----------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                                | <b>MAJORSELL PARTS FOR: 286104</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A005R</b> |                     |                     |
|                                                                                     |                                | <b>Users</b>                       | VOLVO             | SCANIA               |                        |                                   |                     |                     |
|                                                                                     |                                | <b>OE</b>                          | 1508996           | 5001477              | 9001508996             | 286563                            |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                   | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2 5/8"                                                                              | Non through                    | Water                              | 20Kg              | Flange               | Engine oil             | 1/2"                              | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b>             | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                     |
|                                                                                     | A68RK038A                      |                                    |                   |                      |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                     | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020028                         | 020029                             | 020030            | 020031               | 020032                 |                                   |                     |                     |
| <b>Alt Piston</b>                                                                   | 020130                         | 020131                             | 020132            | 020133               | 020134                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK051                       | A68RK052                           | A68RK053          | A68RK054             | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                    | A68RK046                       | A68RK047                           | A68RK048          | A68RK049             | A68RK050               |                                   |                     |                     |
| <b>Crankshaft</b>                                                                   |                                | 140185 (Nut)                       |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140217 (6)                     | 140219 (2)                         | 140218 (4)        |                      |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Bush (Front &amp; Back)</b> |                                    | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>Valve Seat</b>                 | <b>Sump Gasket</b>  | <b>O Ring</b>       |
|                                                                                     | 050115                         |                                    | 050014 (2)        | 050108               | 050083 (2)             | 060070 (2)                        | 010092              | RM1150-30V          |
|                                                                                     | <b>Liner Sleeve</b>            | <b>Crank Key</b>                   | <b>Oil Seal</b>   |                      |                        |                                   |                     |                     |
|                                                                                     | 020982 (2)                     | 090004                             | 110014            |                      |                        |                                   |                     |                     |

## BENDIX SERIES

|                                                                                   |                                |                                    |                      |                    |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|--------------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                                | <b>MAJORSELL PARTS FOR: 286538</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A102R</b> |                     |                     |
|                                                                                   |                                | <b>Users</b>                       | KERSHAW              | EATON              | FORD                   | WHITING                           | GMC                 | DETROIT             |
|                                                                                   |                                | <b>OE</b>                          | 285985               | 285987             | 285989                 | 287076                            | 285970              | 285971              |
| <b>Bore</b>                                                                       | <b>Drive</b>                   | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non through                    | Water                              | 20Kg                 | Flange             | Engine oil             | ½"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>             | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A                      |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                     | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028                         | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051                       | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK046                       | A68RK047                           | A68RK048             | A68RK049           | A68RK050               |                                   |                     |                     |
| <b>Head</b>                                                                       | 220325                         |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                                | 140185 (Nut)                       |                      |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217 (6)                     | 140219 (2)                         | 140218 (4)           | 140192 (6)         | 140175 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Bush (Front &amp; Back)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Sump Gasket</b>     | <b>Flange Gasket</b>              | <b>Liner Sleeve</b> | <b>Crank key</b>    |
|                                                                                   | 050115                         | 050014 (2)                         | 050108               | 050083 (2)         | 010092                 | 010059                            | 020982 (2)          | 090004              |

\*Used on Detroit Diesel GMC, Ford, IHC, Eaton

|                                                                                   |                                  |                                    |                      |                    |                        |                                   |                     |        |
|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|--------|
|  |                                  | <b>MAJORSELL PARTS FOR: 286539</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A084R</b> |                     |        |
|                                                                                   |                                  | <b>Users</b>                       | 285976               | 285977             | 285988                 | 286066                            | 286200              | 286217 |
|                                                                                   |                                  | <b>OE</b>                          |                      |                    |                        |                                   |                     |        |
| <b>Bore</b>                                                                       | <b>Drive</b>                     | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    |        |
| 2½"                                                                               | Non through                      | Water                              | 20Kg                 | Flange             | Engine oil ½"          | Manifold                          | Manifold            |        |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>               | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   |                        |                                   | <b>Unloader Kit</b> |        |
|                                                                                   | A68RK038A                        |                                    |                      |                    |                        |                                   | A68RK056A           |        |
| <b>Piston</b>                                                                     | <b>Std</b>                       | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |        |
|                                                                                   | 020028                           | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |        |
| <b>Rings</b>                                                                      | A68RK051                         | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |        |
| <b>Alt Rings</b>                                                                  | A68RK046                         | A68RK047                           | A68RK048             | A68RK049           | A68RK050               |                                   |                     |        |
| <b>Head</b>                                                                       |                                  |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |        |
| <b>Crankshaft</b>                                                                 |                                  | 140185 (Nut)                       | 090004 (Key)         |                    | <b>Front end Cover</b> |                                   |                     |        |
| <b>Bolts</b>                                                                      |                                  |                                    |                      |                    |                        |                                   |                     |        |
| <b>Other Parts</b>                                                                | <b>Bushes (Front &amp; Rear)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Sump Gasket</b>     | <b>Flange Gasket</b>              | <b>Liner Sleeve</b> |        |
|                                                                                   | 050115                           | 050014                             | 050108               | 050083 (2)         | 010092                 | 010059                            | 020982              |        |

|                                                                                     |                                  |                                    |                      |                    |                        |                                   |                   |                     |
|-------------------------------------------------------------------------------------|----------------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|-------------------|---------------------|
|  |                                  | <b>MAJORSELL PARTS FOR: 286550</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A149R</b> |                   |                     |
|                                                                                     |                                  | <b>Users</b>                       | CAT                  |                    |                        |                                   |                   |                     |
|                                                                                     |                                  | <b>OE</b>                          |                      |                    |                        |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 2½"                                                                                 | Non through                      | Water                              | 20Kg                 | Flange             | Engine oil             | ½"                                | Manifold          | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>                  | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Gov Kit</b>    |                     |
|                                                                                     | A68RK038A                        |                                    |                      |                    |                        |                                   | A68RK056A         |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                     | 020028                           | 020029                             | 020030               | 020031             | 020032                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A68RK051                         | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                   |                     |
| <b>Head</b>                                                                         |                                  |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>   |                     |
| <b>Crankshaft</b>                                                                   |                                  | 140141 (Nut)                       |                      |                    | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140217 (6)                       | 140218 (4)                         | 140218 (4)           |                    |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Sump Gasket</b>     | <b>Flange Gasket</b>              | <b>Valve Seat</b> | <b>Liner Sleeve</b> |
|                                                                                     | 050115                           | 050014 (2)                         | 050108 (2)           | 050083 (2)         | 010092                 | 010059                            | 060014 (2)        | 020982 (2)          |

## BENDIX SERIES

|                                                                                   |                                  |                                    |                      |                    |                        |                                   |                   |                     |
|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|-------------------|---------------------|
|  |                                  | <b>MAJORSELL PARTS FOR: 286552</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A156R</b> |                   |                     |
|                                                                                   |                                  | <b>Users</b>                       | CUMMINS              |                    |                        |                                   |                   |                     |
|                                                                                   |                                  | <b>OE</b>                          | 3924878              |                    |                        |                                   |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                     | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 2½"                                                                               | Non through                      | Water                              | 20Kg                 | Flange             | Engine oil             | ½"                                | Manifold          | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>                  | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A68RK038A                        |                                    |                      |                    |                        |                                   |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                       | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                   | 020028                           | 020029                             | 020030               | 020031             | 020032                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A68RK051                         | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                   |                     |
| <b>Head</b>                                                                       |                                  |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>   |                     |
| <b>Crankshaft</b>                                                                 |                                  | 140185 (Nut)                       |                      |                    | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140217 (6)                       | 140156 (4)                         | 140157 (4)           | 140175 (6)         |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Bushes (Front &amp; Rear)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Sump Gasket</b>     | <b>O Ring</b>                     | <b>Valve Seat</b> | <b>Liner Sleeve</b> |
|                                                                                   | 050115                           | 050014 (2)                         | 050108               | 050083 (2)         | 010092                 | BS040                             | 060070 (2)        | 020982 (2)          |

|                                                                                   |                           |                                    |                      |                    |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|---------------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                           | <b>MAJORSELL PARTS FOR: 286578</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A108R</b> |                     |                     |
|                                                                                   |                           | <b>Users</b>                       | DETROIT              |                    |                        |                                   |                     |                     |
|                                                                                   |                           | <b>OE</b>                          | 285924               |                    |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>              | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                               | Non through               | Water                              | 20 Kg                | Side               | Engine oil             | ¾"                                | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>        | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A                 |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028                    | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051                  | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK046                  | A68RK047                           | A68RK048             | A68RK049           | A68RK050               |                                   |                     |                     |
| <b>Head</b>                                                                       |                           |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                           |                                    | 090004 (Key)         |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217(6)                 | 140175 (6)                         | 140219 (4)           | 140218 (4)         | 140194 (6)             |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Bush &amp; Bearing</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Sump Gasket</b>     | <b>Oil Seal</b>                   | <b>Liner Sleeve</b> |                     |
|                                                                                   | 6207 (Front)              | 050115 (Rear)                      | 050014 (2)           | 050108             | 050083 (2)             | 010092                            | 110014              | 020982 (2)          |

|                                                                                     |                                  |                                    |                      |                    |                        |                                   |                     |                     |
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|  |                                  | <b>MAJORSELL PARTS FOR: 286584</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A131R</b> |                     |                     |
|                                                                                     |                                  | <b>Users</b>                       | CAT                  |                    |                        |                                   |                     |                     |
|                                                                                     |                                  | <b>OE</b>                          | 7E6807               |                    |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2½"                                                                                 | Non through                      | Water                              | 20 Kg                | Flange             | Engine oil             | In: ¾" / Out: ½"                  | Flange              | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b>               | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                     | A68RK038A                        |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020028                           | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A68RK051                         | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Head</b>                                                                         |                                  |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                   |                                  |                                    |                      |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140217 (6)                       | 140218 (4)                         | 140192 (6)           | 140175 (6)         |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Gasket</b>          | <b>Gasket</b>                     | <b>Liner Sleeve</b> |                     |
|                                                                                     | 050115                           | 050014 (2)                         | 050108               | 050083 (2)         | 010092 (Sump)          | 010098 (Mount)                    | 020982 (2)          |                     |

## BENDIX SERIES

|                                                                                   |                    |                                    |                      |                    |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|--------------------|------------------------------------|----------------------|--------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                    | <b>MAJORSELL PARTS FOR: 287631</b> |                      |                    |                        | <b>MAJORSELL REBUILD: 68A071R</b> |                     |                     |
|                                                                                   |                    | <b>Users</b>                       | CAT                  |                    |                        |                                   |                     |                     |
|                                                                                   |                    | <b>OE</b>                          | 286567               | 287632             |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>       | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 2 5/8"                                                                            | Non through        | Water                              | 18 Kg                | Base               | Engine oil             | 1/2"                              | Manifold            | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A68RK038A          |                                    |                      |                    |                        |                                   | A68RK056A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>         | <b>+0.010"</b>                     | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020028             | 020029                             | 020030               | 020031             | 020032                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A68RK051           | A68RK052                           | A68RK053             | A68RK054           | A68RK055               |                                   |                     |                     |
| <b>Alt Rings</b>                                                                  | A68RK046           | A68RK047                           | A68RK048             | A68RK049           | A68RK050               |                                   |                     |                     |
| <b>Head</b>                                                                       |                    |                                    |                      |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                    | 140185 (Nut)                       |                      |                    | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140217(6)          | 140175 (6)                         | 140219 (4)           | 140218 (4)         |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Bearing</b>     | <b>Inserts</b>                     | <b>Thrust Washer</b> | <b>Locking Tab</b> | <b>Oil Seal</b>        | <b>Liner Sleeve</b>               | <b>Crank Key</b>    |                     |
|                                                                                   | 6207               | 050014 (2)                         | 050108               | 050083 (2)         | 110014                 | 020982 (2)                        | 090004              |                     |

|                                                                                   |                      |                                    |                   |                      |                        |                                   |                     |                      |
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|  |                      | <b>MAJORSELL PARTS FOR: 289257</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 68A022R</b> |                     |                      |
|                                                                                   |                      | <b>Users</b>                       | VOLVO             |                      |                        |                                   |                     |                      |
|                                                                                   |                      | <b>OE</b>                          | 289347            |                      |                        |                                   |                     |                      |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b>  |
| 2 3/4"                                                                            | Non through          | Water                              | 23 Kg             | Flange               | Engine oil             | 1/2"                              | Manifold            | Manifold             |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Service Kit</b>                 | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     |                                   | <b>Unloader Kit</b> |                      |
|                                                                                   | A68RK058             | A68RK058A                          |                   |                      |                        |                                   | A68RK038A           |                      |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>       | <b>+0.040"</b>         |                                   |                     |                      |
|                                                                                   | 020038               | 020039                             | 020040            | 020041               | 020042                 |                                   |                     |                      |
| <b>Rings</b>                                                                      | A68RK019             | A68RK020                           | A68RK021          | A68RK022             | A68RK023               |                                   |                     |                      |
| <b>Head</b>                                                                       | 220196               |                                    |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                      |
| <b>Crankshaft</b>                                                                 |                      |                                    | 140185 (Nut)      | 090004 (Key)         | <b>Front end Cover</b> |                                   |                     |                      |
| <b>Bolts</b>                                                                      | 140173 (10)          | 140160 (4)                         | 140175 (4)        | 140161 (4)           |                        |                                   |                     |                      |
| <b>Other Parts</b>                                                                | <b>Front bearing</b> | <b>Rear Bearing</b>                | <b>Inserts</b>    | <b>Thrust Washer</b> | <b>Locking Tab</b>     | <b>O Ring</b>                     | <b>Valve Seat</b>   | <b>Valve Cap Nut</b> |
|                                                                                   | 6207 (2)             | 6011                               | 050009 (2)        | 050114               | 050083 (2)             | RM1150-30V                        | 060070 (2)          | 060140 (2)           |

|                                                                                     |                                  |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                                  | <b>MAJORSELL PARTS FOR: 1186616</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A076R</b> |                  |                     |
|                                                                                     |                                  | <b>Users</b>                        | CUMMINS                  | IVECO            | FORD                   |                                   |                  |                     |
|                                                                                     |                                  | <b>OE</b>                           | 3280815                  | 89DB287BA        |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through                          | Water                               | 12 Kg                    | Flange           | Engine oil             | 3/8"                              | 3/4"             | 3/4"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>                  | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A68RK105                         | A68RK105A                           | A68RK105B                | A68RK105C        | A68RK109V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020140                           |                                     | 020141                   |                  | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK110                         |                                     | A68RK111                 |                  | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                         |                                  |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                                  | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140149 (4)                       | 140138 (4)                          | 140135 (4)               | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> |                                     | <b>Front Flange Seal</b> |                  | <b>Sump cover</b>      |                                   |                  |                     |
|                                                                                     | 050203                           |                                     | 010458                   |                  | 220097                 |                                   |                  |                     |

## BENDIX SERIES

|                                                                                   |                      |                                     |                        |                  |                        |                                   |                   |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 1189106</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 68A003R</b> |                   |                     |
|                                                                                   |                      | <b>Users</b>                        | ERF                    | DAF              | SCANIA                 |                                   |                   |                     |
|                                                                                   |                      | <b>OE</b>                           | 394441                 | 1300366          | 1348919                | 571181                            | 571185            |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                      | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 75 mm                                                                             | Non through          | Water                               | 19 Kg                  | Flange           | Engine oil             | 18 mm                             | Flange            | Flange              |
| <b>Repair Kits</b>                                                                | <b>Universal Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Filter Kit</b> |                     |
|                                                                                   | A68RK094             |                                     | A68RK006B              |                  | 220020                 |                                   | A68RK006F         |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                      | <b>+0.020"</b>         | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                   | 020011               | 020012                              | 020013                 | 020014           | 020088                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A68RK024             | A68RK025                            | A68RK026               | A68RK027         | A68RK095               |                                   |                   |                     |
| <b>Head</b>                                                                       | 220021               |                                     |                        |                  | <b>Rear end Cover</b>  | 220009                            | <b>Conn Rod</b>   | 220019              |
| <b>Crankshaft</b>                                                                 | 220008               | 140014 (Nut)                        |                        |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140104 (10)          | 140126 (2)                          | 140124 (3)             | 140103 (3)       | 140125 (8)             |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                    | <b>Bearing Circlip</b> | <b>O Ring</b>    | <b>Valve Seat</b>      | <b>Base Plate</b>                 | <b>Crank Key</b>  |                     |
|                                                                                   | 6207                 | 050049                              | 130010                 | RM1150-30V       | 060142 (2)             | 220097 (2)                        | 090004            |                     |

|                                                                                   |                   |                                     |                   |                          |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1189140</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 68A106R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | CUMMINS           |                          |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 328290            | 3282190                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                               | 10 Kg             | Flange                   | Engine oil             | 3/8"                              | 3/4"             | 3/4"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   |                   | A68RK104A                           | A68RK104B         | A68RK104C                | A68RK104V              | A68RK105CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>           | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020011            | 020012                              | 020013            | 020014                   | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK024          | A68RK025                            | A68RK026          | A68RK027                 | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220569            |                                     |                   |                          | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140240 (Nut)                        |                   |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140149 (4)        | 140138 (4)                          | 140135 (4)        | 140125 (4)               |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>Base Plate</b> | <b>Front Flange Seal</b> |                        |                                   |                  |                     |
|                                                                                   | 050203            | 050158                              | 220097            | 010458                   |                        |                                   |                  |                     |

|                                                                                     |                    |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                    | <b>MAJORSELL PARTS FOR: 1189385</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A121R</b> |                  |                     |
|                                                                                     |                    | <b>Users</b>                        | PERKINS                  |                  |                        |                                   |                  |                     |
|                                                                                     |                    | <b>OE</b>                           | 2488A280                 |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>       | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through            | Water                               | 12 Kg                    | Flange           | Engine oil             | 3/8"                              | M26 x 1.5        | M26 x 1.5           |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                     | A68RK105A          |                                     | A68RK105B                | A68RK105C        | A68RK105V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>         | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020140             |                                     | 020141                   |                  | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK110           |                                     | A68RK111                 |                  | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                         |                    |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                    | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (4)         | 140150 (4)                          | 140125 (4)               |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b>  | <b>Rear Bush</b>                    | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                     | 050203             | 050211                              | 010458                   |                  | 220097                 | 010208                            |                  |                     |



## BENDIX SERIES

|                                                                                   |                   |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1189495</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A122R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | PERKINS                  |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 2488A283                 |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                               | 12 Kg                    | Flange           | Engine oil             | ½"                                | ¾"               | ¾"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK105          | A68RK105A                           | A68RK105B                | A68RK105C        | A68RK105V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020140            |                                     | 020141                   |                  | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK110          |                                     | A68RK111                 |                  | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220676              |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140135 (4)                          | 140103 (4)               | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                 | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050203            | 6207                                | 010458                   |                  | 220097                 | 010208                            |                  |                     |

|                                                                                   |                    |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                    | <b>MAJORSELL PARTS FOR: 1189497</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A018R</b> |                  |                     |
|                                                                                   |                    | <b>Users</b>                        | PERKINS                  | DAF              |                        |                                   |                  |                     |
|                                                                                   |                    | <b>OE</b>                           | 2488A285                 | 3906251          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>       | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through            | Water                               | 10 Kg                    | Flange           | Engine oil             | ½"                                | ¾"               | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK104A          |                                     | A68RK104B                | A68RK104C        | A68RK104V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>         | <b>+0.010"</b>                      | <b>+0.020"</b>           | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020011             | 020012                              | 020013                   | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK010           | A68RK011                            | A68RK012                 | A68RK013         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       |                    |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                    | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)         | 140135 (4)                          | 140125 (8)               |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>  | <b>Rear Bush</b>                    | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050203             | 050211                              | 010458                   |                  | 220097                 | 010208                            |                  |                     |

|                                                                                     |                     |                                     |                   |                  |                          |                                   |                  |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: 1189498</b> |                   |                  |                          | <b>MAJORSELL REBUILD: 68A025R</b> |                  |                     |
|                                                                                     |                     | <b>Users</b>                        | PERKINS           |                  |                          |                                   |                  |                     |
|                                                                                     |                     | <b>OE</b>                           | 2488A286          |                  |                          |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>        | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through             | Water                               | 10 Kg             | Flange           | Engine oil               | ½"                                | ¾"               | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>       |                                   |                  |                     |
|                                                                                     | A68RK104A           |                                     | A68RK104B         | A68RK104C        | A68RK104V1               |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>          | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>           |                                   |                  |                     |
|                                                                                     | 020011              | 020012                              | 020013            | 020014           | 020088                   |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK010            | A68RK011                            | A68RK012          | A68RK013         | A68RK095                 |                                   |                  |                     |
| <b>Head</b>                                                                         |                     |                                     |                   |                  | <b>Rear end Cover</b>    |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                     | 140141 (Nut)                        |                   |                  | <b>Front end Cover</b>   |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (4)          | 140135 (4)                          | 140125 (4)        |                  |                          |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bushes</b> | <b>Rear Bush</b>                    | <b>Base Plate</b> | <b>Gasket</b>    | <b>Front Flange Seal</b> |                                   |                  |                     |
|                                                                                     | 050203              | 050211                              | 220097            | 010208           | 010458                   |                                   |                  |                     |

## BENDIX SERIES

|                                                                                   |                                |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                                | <b>MAJORSELL PARTS FOR: 1189499</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A044R</b> |                  |                     |
|                                                                                   |                                | <b>Users</b>                        | PERKINS                  |                  |                        |                                   |                  |                     |
|                                                                                   |                                | <b>OE</b>                           | 2488A287                 |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                   | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through                        | Water                               | 12 Kg                    | Flange           | Engine oil             | ½"                                | 26mm             | 26mm                |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>             | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK105A                      |                                     | A68RK105B                | A68RK105C        | A68RK105V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                     | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020140                         |                                     | 020141                   |                  | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK110                       |                                     | A68RK111                 |                  | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                       |                                |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                                | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)                     | 140150 (4)                          | 140125 (4)               |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Bush (Front &amp; Rear)</b> |                                     | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050203                         |                                     | 010458                   |                  | 220097                 | 010208                            |                  |                     |

|                                                                                   |                   |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1194125</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A024R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | PERKINS                  | VOLVO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 2488A289                 | 3950746          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                               | 10 Kg                    | Flange           | Engine oil             | 22 mm                             | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK118          | A68RK118A                           | A68RK118B                | A68RK115C        | A68RK118V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            |                                     | 020125                   |                  | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          |                                     | A66RK028                 |                  | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140132                              | 140135 (4)               | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                 | <b>Front Flange Seal</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050203            | 6207                                | 010458                   |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                     |                   |                  |                        |                                   |                   |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1194190</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A130R</b> |                   |                     |
|                                                                                     |                   | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                   |                     |
|                                                                                     |                   | <b>OE</b>                           | 3283807           |                  |                        |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                               | 12 Kg             | Flange           | Engine oil             | ¾"                                | ¾"                | ¾"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                     | A68RK105          | A68RK105A                           | A68RK105B         | A68RK105C        | A68RK109V              | A68RK105CP                        |                   |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.25 mm</b>                     | <b>+0.50 mm</b>   | <b>+0.75 mm</b>  | <b>+1.00 mm</b>        |                                   |                   |                     |
|                                                                                     | 020140            |                                     | 020141            |                  | 020142                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A68RK110          |                                     | A68RK111          |                  | A68RK114               |                                   |                   |                     |
| <b>Head</b>                                                                         |                   |                                     |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>   |                     |
| <b>Crankshaft</b>                                                                   |                   | 140141 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140149 (4)        | 140138 (4)                          | 140150 (4)        | 140125 (4)       |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>O Ring</b>     | <b>Gasket</b>    | <b>Gasket</b>          | <b>Gasket</b>                     | <b>Base Plate</b> | <b>Gasket</b>       |
|                                                                                     | 050203            | 050210                              | BS534             | 010251           | 010250                 | 010200                            | 220097            | 010208              |

## BENDIX SERIES

|                                                                                   |                   |                                     |                          |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1194212</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 68A026R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | PERKINS                  |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 2488A290                 |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                               | 10 Kg                    | Flange           | Engine oil             | ½"                                | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   |                   | A68RK104A                           | A68RK104B                | A68RK104C        | A68RK104V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020011            | 020012                              | 020013                   | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK010          | A68RK011                            | A68RK012                 | A68RK013         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                     |                          |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                        |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140135 (4)                          | 140125 (4)               |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050203            | 050211                              | 010458                   |                  | 220097                 | 010208                            |                  |                     |

|                                                                                   |                   |                                     |                   |                          |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1194215</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 68A112R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | DAF               | DENNIS                   | CUMMINS                |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 3283968           | 3279412                  | 657033                 | 653613                            | HBU2579          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                               | 12 Kg             | Flange                   | Engine oil             | ¾ "                               | ¾ "              | ¾ "                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK105          | A68RK105A                           | A68RK105B         | A68RK105C                | A68RK109V              | A68RK105CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020140            |                                     | 020141            |                          | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK110          |                                     | A68RK111          |                          | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220569            | 220568 (Comp)                       |                   |                          | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                        |                   |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140149 (4)        | 140138 (4)                          | 140135 (4)        | 140125 (4)               |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>O Ring</b>     | <b>Front Flange Seal</b> |                        | <b>Base Plate</b>                 | <b>Gasket</b>    |                     |
|                                                                                   | 050203            | 050210                              | BS534             | 010458                   |                        | 220097                            | 010208           |                     |

|                                                                                     |                                  |                                     |                   |                  |                        |                                   |                  |                     |
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|  |                                  | <b>MAJORSELL PARTS FOR: 1194233</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A111R</b> |                  |                     |
|                                                                                     |                                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                     |                                  | <b>OE</b>                           | 3411777           | K035001          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through                          | Water                               | 19 Kg             | Flange           | Engine oil             | 18 mm                             | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>                  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                     | A68RK124                         | A68RK124A                           | A68RK124B         | A68RK124C        | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127                           | 020180                              | 020128            | 020188           | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030                         | A66RK081                            | A66RK032          | A66RK082         | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220514                           | 220513 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   |                                  | 140015 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)                       | 140135 (4)                          | 140138 (4)        | 140125 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> |                                     | <b>O Ring</b>     | <b>O Ring</b>    | <b>Base Plate</b>      | <b>Gasket</b>                     |                  |                     |
|                                                                                     | 050204                           |                                     | BS012V (End)      | BS642V           | 220097 (2)             | 010208                            |                  |                     |

## BENDIX SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 1194410</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 68A085R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 41211121          | 99971918          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                               | 17 Kg             | Flange            | Engine oil             | 18 mm                             | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>   | <b>Ess Kit</b>      |
|                                                                                   | A68RK115          | A68RK115A                           | A68RK115B         | A68RK115C         | A68RK115V              |                                   | A68RK115D        | A68RK115D1          |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                              | 020128            | 020188            | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                            | A66RK032          | A66RK082          | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220351            | 220452 (Comp)                       |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 |                   |                                     |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                          | 140135 (4)        | 140125 (8)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>O Ring</b>     | <b>Base Plate</b> | <b>Gasket</b>          |                                   |                  |                     |
|                                                                                   | 050269            | 050207                              | RM1250-30V        | 220097 (2)        | 010208                 |                                   |                  |                     |

\*See also LP4857 under 'Knorr Compressors'

\*68A110R (LP4857 rebuild) supersedes 68A085R (1194410 rebuild)

|                                                                                   |                   |                                     |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 1194430</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A132R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | CUMMINS           | DENNIS           | TRANSBUS               |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 4895964           | 4898081          | 659044                 | 658604-1                          |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                               | 18 Kg             | Flange           | Engine oil             | 18 mm                             | 26mm             | 26mm                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                           | A68RK115B         | A68RK115C        | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                              | 020128            | 020188           | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                            | A66RK032          | A66RK082         | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220584            | 220583 (Comp)                       |                   |                  | <b>Rear end Cover</b>  | 220591                            | <b>Conn Rod</b>  | 220597 (2)          |
| <b>Crankshaft</b>                                                                 | 220589            | 140240 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                          | 140135 (4)        | 140197 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                 | <b>O Rings</b>    |                  | <b>Liner Sleeve</b>    | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050269            | 6207                                | RM1000-30V        | RM0100-25V       | 020996 (2)             | 010208                            |                  |                     |

|                                                                                     |                                  |                                     |                   |                  |                        |                                   |                  |                     |
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|  |                                  | <b>MAJORSELL PARTS FOR: 1194456</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A111R</b> |                  |                     |
|                                                                                     |                                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                     |                                  | <b>OE</b>                           | 3411777           | K035001          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through                          | Water                               | 19 Kg             | Flange           | Engine oil             | 18 mm                             | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>                  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                     | A68RK124                         | A68RK124A                           | A68RK124B         | A68RK124C        | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127                           | 020180                              | 020128            | 020188           | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030                         | A66RK081                            | A66RK032          | A66RK082         | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220514                           | 220513 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   |                                  | 140015 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)                       | 140135 (4)                          | 140138 (4)        | 140125 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> |                                     | <b>O Ring</b>     | <b>O Ring</b>    | <b>Base Plate</b>      | <b>Gasket</b>                     | <b>Gasket</b>    | <b>Gasket</b>       |
|                                                                                     | 050204                           |                                     | BS012V            | BS642V           | 220097 (2)             | 010208                            | 010097           | 010094              |

## BENDIX SERIES

|                                                                                   |                  |                                     |                    |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 5001869</b> |                    |                  |                        | <b>MAJORSELL REBUILD: 68A159R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                        |                    |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                           |                    |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2.78"                                                                             | Through          | Water                               | 26 Kg              | Flange           | Engine oil             | 1/2"                              | MANIFOLD         | MANIFOLD            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK096         | A68RK096A                           |                    |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                      | <b>0.50 mm</b>     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020106           | 020107                              | 020108             | 020109           | 020110                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK097         | A68RK098                            | A68RK099           | A68RK100         | A68RK101               |                                   |                  |                     |
| <b>Head</b>                                                                       |                  |                                     |                    |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                  |                                     |                    |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140163 (6)       | 140159 (4)                          | 140159 (7)         | 140193 (6)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear bush</b> | <b>Inserts</b>                      | <b>Base Gasket</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050064           | 050171 (2)                          | 010092             |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                     |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 5012532</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A078R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | CAT               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | 223-3636          | 5012533          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Non through       | Water                               | 21 Kg             | Flange           | Engine oil             | 16 mm                             | 26 mm            | 18 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>   |                     |
|                                                                                   | A66RK058          | A66RK058A                           | A66RK058B         | A66RK058C        | A66RK058V              | A66RK058CP                        | A66RK058D        |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158            | 020182                              | 020159            | 020207           | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                            | A66RK061          | A66RK087         | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220749            | 220750 (Comp)                       |                   |                  | <b>Rear end Cover</b>  | 220751                            | <b>Conn Rod</b>  | 220682              |
| <b>Crankshaft</b>                                                                 | 220748            | 140323 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140135 (4)        | 140134 (4)                          |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bearing</b>                 | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050206            | 6308                                | 220271            |                  |                        |                                   |                  |                     |

|                                                                                     |                      |                                   |                        |                  |                        |                                   |                   |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: KZ433</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 68A002R</b> |                   |                     |
|                                                                                     |                      | <b>Users</b>                      | VOLVO                  | ERF              | LEYLAND                | <b>OE</b>                         | 1612335           | 15705940            |
|                                                                                     |                      | 1590264                           | 5001711                | 5001608          | 1367537R               | EBBU5551                          |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                    | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 75 mm                                                                               | Non through          | Water                             | 23 Kg                  | Flange           | Engine oil             | 3/8"                              | Flange            | Flange              |
| <b>Repair Kits</b>                                                                  | <b>Universal Kit</b> | <b>Service Kit</b>                | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Filter Kit</b> |                     |
|                                                                                     | A68RK094             | A68RK006A                         | A68RK006B              |                  | 220007                 |                                   | A68RK006F         |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>+0.010"</b>                    | <b>+0.020"</b>         | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                     | 020011               | 020012                            | 020013                 | 020014           | 020088                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A68RK024             | A68RK025                          | A68RK026               | A68RK027         | A68RK095               |                                   |                   |                     |
| <b>Head</b>                                                                         | 220006               |                                   |                        |                  | <b>Rear end Cover</b>  | 220009                            | <b>Conn Rod</b>   | 220019              |
| <b>Crankshaft</b>                                                                   | 220008               | 140014 (Nut)                      | 090004 (Key)           |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140104 (11)          | 140126 (2)                        | 140124 (3)             | 140103 (3)       | 140125 (10)            | 140125 (8)                        |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Front bearing</b> | <b>Rear bush</b>                  | <b>Bearing Circlip</b> | <b>O Ring</b>    | <b>Valve Seat</b>      | <b>Base Plate</b>                 | <b>Base Plate</b> | <b>Base Plate</b>   |
|                                                                                     | 6207                 | 050049                            | 130010                 | RM1150-30V       | 060142 (2)             | 220097                            | 220098            | 220594              |

## BENDIX SERIES

|                                                                                   |                      |                                   |                        |                  |                        |                                   |                   |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: KZ642</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 68A001R</b> |                   |                     |
|                                                                                   |                      | <b>Users</b>                      | SCANIA                 | ERF              | DAF                    |                                   |                   |                     |
|                                                                                   |                      | <b>OE</b>                         | 571043                 | 300162           | 136751-4R              | BBU7608                           |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                    | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 75 mm                                                                             | Non through          | Water                             | 19 Kg                  | Flange           | Engine oil             | 18 mm                             | Flange            | Flange              |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                   | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Filter Kit</b> |                     |
|                                                                                   | A68RK094             | A68RK006A                         | A68RK006B              |                  | 220020                 |                                   | A68RK006F         |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                    | <b>+0.020"</b>         | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                   |                     |
|                                                                                   | 020011               | 020012                            | 020013                 | 020014           | 020088                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A68RK024             | A68RK025                          | A68RK026               | A68RK027         | A68RK095               |                                   |                   |                     |
| <b>Head</b>                                                                       | 220021               |                                   |                        |                  | <b>Rear end Cover</b>  | 220009                            | <b>Conn Rod</b>   | 220019              |
| <b>Crankshaft</b>                                                                 | 220008               | 140014 (Nut)                      |                        |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140104 (10)          | 140126 (2)                        | 140124 (6)             | 140103 (6)       | 140125 (10)            |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Front bearing</b> | <b>Rear bush</b>                  | <b>Bearing Circlip</b> | <b>O Ring</b>    | <b>Valve Seat</b>      | <b>Sump cover</b>                 | <b>Crank key</b>  |                     |
|                                                                                   | 6207                 | 050049                            | 130010                 | RM1150-30V       | 060142 (2)             | 220430                            | 090004            |                     |

|                                                                                   |                   |                                   |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: KZ800</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A027R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                      | IVECO                | CARGO            | FORD                   |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                         | 81DB2875DE           | 82DB2875AC       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                    | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non through       | Air                               | 10 Kg                | Flange           | Engine oil             |                                   | 3/8"             | 3/8"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                   | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK040A         |                                   | A68RK040B            |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                    | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020011            | 020012                            | 020013               | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK010          | A68RK011                          | A68RK012             | A68RK013         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                   |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                      |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140288 (4)        | 140103 (4)                        | 140124 (4)           | 140103 (4)       | 140154 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                  | <b>Thrust Washer</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050179            | 050049                            | 050191               | BS041            |                        |                                   |                  |                     |

|                                                                                     |                   |                                   |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: KZ801</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A105R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                      | IVECO                | CARGO            | FORD                   |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                         |                      |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                    | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through           | Air                               | 10 Kg                | Flange           | Engine oil             |                                   | 3/8"             | 3/8"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                   | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A68RK040A         |                                   | A68RK040B            |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                    | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                     | 020011            | 020012                            | 020013               | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK010          | A68RK011                          | A68RK012             | A68RK013         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                   |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140141 (Nut)                      |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140288 (4)        | 140103 (4)                        | 140135 (4)           | 140154 (4)       | 140103 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bush</b>                  | <b>Thrust Washer</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                     | 050179            | 050049                            | 050191               | BS041            |                        |                                   |                  |                     |



## BENDIX SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: KZ803</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A015R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                      | IVECO                | CARGO            | FORD                   |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                         | 81DB2875EE           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                    | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85.7 mm                                                                           | Through           | Water                             | 12 Kg                | Flange           | Engine oil             | 3/8"                              | 3/4"             | 1/2"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                   | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK040A         |                                   | A68RK040B            |                  | A68RK040V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                    | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020084            | 020085                            | 020086               | 020087           |                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK087          | A68RK088                          | A68RK089             | A68RK090         |                        |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                   |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                      |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140135 (4)                        | 140154 (4)           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                  | <b>Thrust Washer</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050179            | 050049                            | 050191               | BS041            |                        |                                   |                  |                     |

|                                                                                   |                      |                                   |                        |                  |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: KZ996</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 68A007R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                      | SCANIA                 |                  |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                         | 1189107                | KZ996-2          | 301525                 | 571044                            | 1314107          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                    | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non through          | Water                             | 23 Kg                  | Flange           | Engine oil             | 16 mm                             | Manifold         | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Universal Kit</b> | <b>Service Kit</b>                | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Valve Plate</b>     |                                   |                  |                     |
|                                                                                   | A68RK094             | A68RK006A                         | A68RK006B              |                  | 220020                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>+0.010"</b>                    | <b>+0.020"</b>         | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020011               | 020012                            | 020013                 | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK024             | A68RK025                          | A68RK026               | A68RK027         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220184               |                                   |                        |                  | <b>Rear end Cover</b>  | 220009                            | <b>Conn Rod</b>  | 220019              |
| <b>Crankshaft</b>                                                                 | 220008               | 140014 (Nut)                      |                        |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140120 (10)          | 140126 (2)                        | 140124 (3)             | 140103 (3)       | 140125 (10)            |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                  | <b>Bearing Circlip</b> | <b>O Ring</b>    | <b>Valve Seat</b>      | <b>Sump cover</b>                 | <b>Crank Key</b> |                     |
|                                                                                   | 6207                 | 050049                            | 130010                 | RM1150-30V       | 060142 (2)             | 220430                            | 090004           |                     |

|                                                                                     |                      |                                    |                    |                  |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: KZ1087</b> |                    |                  |                        | <b>MAJORSELL REBUILD: 68A119R</b> |                  |                     |
|                                                                                     |                      | <b>Users</b>                       | GARDNER            | DENNIS           |                        |                                   |                  |                     |
|                                                                                     |                      | <b>OE</b>                          | L29274             | 653926           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non through          | Water                              | 19 Kg              | Base             | Engine oil             | 1/2"                              | 3/4"             | 3/4"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A68RK103             | A68RK103A                          | A68RK103B          | A68RK103C        | A68RK103V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020011               | 020012                             | 020013             | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK024             | A68RK025                           | A68RK026           | A68RK027         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220575               | 220574 (Comp)                      |                    |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                      |                                    |                    |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140124 (3)           | 140124 (3)                         |                    |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front bearing</b> | <b>Rear Bush</b>                   | <b>Sump Gasket</b> | <b>Oil Seal</b>  | <b>Crank Key</b>       |                                   |                  |                     |
|                                                                                     | 6307                 | 050203                             | 010240             | 110004           | 190004                 |                                   |                  |                     |

## BENDIX SERIES

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|-----------------------------------------------------------------------------------|--------------------|------------------------------------|--------------------|--------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                    | <b>MAJORSELL PARTS FOR: KZ1114</b> |                    |                          |                        | <b>MAJORSELL REBUILD: 68A069R</b> |                  |                     |
|                                                                                   |                    | <b>Users</b>                       | DAF                | CUMMINS                  |                        |                                   |                  |                     |
|                                                                                   |                    | <b>OE</b>                          | CBU1206            | 3906251                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>       | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through            | Air                                | 10.5 Kg            | Flange                   | Engine oil             |                                   | ¾"               | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK092A          |                                    | A68RK092B          |                          | A68RK040V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>         | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020011             | 020012                             | 020013             | 020014                   | 020015                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK010           | A68RK011                           | A68RK012           | A68RK013                 | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       |                    |                                    |                    |                          | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                    | 140240 (Nut)                       |                    |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140125 (4)         |                                    |                    |                          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b>  | <b>Rear Bush</b>                   | <b>Locking Tab</b> | <b>Front Flange Seal</b> |                        | <b>Base Plate</b>                 | <b>Gasket</b>    |                     |
|                                                                                   | 050203             | 050211                             | 050008             | 010458                   |                        | 220097                            | 010208           |                     |

|                                                                                   |                   |                                      |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: KZ1115-2</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 68A074R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                         |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                            |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                       | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                                | 10 Kg             | Flange           | Engine oil             | ¾"                                | ¾"               | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                      | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   |                   | A68RK104A                            | A68RK104B         | A68RK104C        | A68RK104V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                       | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020011            | 020012                               | 020013            | 020014           | 020088                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK010          | A68RK011                             | A68RK012          | A68RK013         | A68RK095               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220019              |
| <b>Crankshaft</b>                                                                 |                   | 140014 (Nut)                         |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140125 (4)                           | 140135 (4)        |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                     | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050203            | 050211                               | 220097            |                  |                        |                                   |                  |                     |

|                                                                                     |                                  |                                    |                   |                          |                        |                                   |                   |                     |
|-------------------------------------------------------------------------------------|----------------------------------|------------------------------------|-------------------|--------------------------|------------------------|-----------------------------------|-------------------|---------------------|
|  |                                  | <b>MAJORSELL PARTS FOR: KZ1143</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 68A016R</b> |                   |                     |
|                                                                                     |                                  | <b>Users</b>                       | DENNIS            | CUMMINS                  | DAF                    |                                   |                   |                     |
|                                                                                     |                                  | <b>OE</b>                          | 3282836           | 3279087                  | 3906255                |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                     | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 80 mm                                                                               | Through                          | Water                              | 13 Kg             | Flange                   | Engine oil             | ¾"                                | ¾"                | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Service Kit</b>               | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     |                                   |                   |                     |
|                                                                                     | A68RK092A                        |                                    | A68RK092B         |                          | A68RK040V              |                                   |                   |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                       | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                   |                     |
|                                                                                     | 020140                           |                                    | 020141            |                          | 020142                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A68RK110                         |                                    | A68RK111          |                          | A68RK114               |                                   |                   |                     |
| <b>Head</b>                                                                         | 220678                           | 220677 (Comp)                      |                   |                          | <b>Rear end Cover</b>  | 220680                            | <b>Conn Rod</b>   | 220676              |
| <b>Crankshaft</b>                                                                   | 220679                           | 140240 (Nut)                       |                   |                          | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140102 (4)                       | 140125 (4)                         | 140150 (4)        |                          |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Bushes (Front &amp; Rear)</b> |                                    |                   | <b>Front Flange Ring</b> |                        | <b>Thrust Washer</b>              | <b>Base Plate</b> | <b>Gasket</b>       |
|                                                                                     | 050203                           |                                    |                   | 010458                   |                        | 050008 (2)                        | 220097            | 010208              |

## BENDIX SERIES

|                                                                                   |                      |                                      |                      |                  |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: KZ1265-2</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 68A101R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                         | FODEN                |                  |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                            | WDKZ12652            |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                       | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Non through          | Water                                | 12 Kg                | Base             | Engine oil             | 1½"                               | ¾"               | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Service Kit</b>   | <b>Head Kit</b>                      | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK105A            |                                      | A68RK105B            | A68RK105C        | A68RK105V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                       | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020140               |                                      | 020141               |                  | 020142                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK110             |                                      | A68RK111             |                  | A68RK114               |                                   |                  |                     |
| <b>Head</b>                                                                       |                      |                                      |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                      |                                      |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)           | 140138 (4)                           | 140135 (4)           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                     | <b>Thrust Washer</b> | <b>Oil Seal</b>  | <b>Crank Key</b>       |                                   |                  |                     |
|                                                                                   | 2NU07                | 050203                               | 050026               | 110040           | 090004                 |                                   |                  |                     |

## CUMMINS SERIES

|                                                                                   |                  |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3035673</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A010R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           |                   |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Through          | Water                               | 20 Kg             | Flange           | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK002A        |                                     | A74RK010          |                  |                        |                                   | A74RK001A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050            | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005          | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220615 (Cover)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                   |                  | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (4)       | 140157 (4)                          | 140174 (4)        | 140175 (4)       |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Bearing Thrust</b>               | <b>Gasket</b>     |                  |                        |                                   |                     |                     |
|                                                                                   | 050053           | 050156                              | 010197            |                  |                        |                                   |                     |                     |

|                                                                                   |                  |                                     |                      |                     |                        |                                   |                     |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3047440</b> |                      |                     |                        | <b>MAJORSELL REBUILD: 74A003R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS              |                     |                        |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           | 3275536              | 3277555             | 3035673                | 3035674                           |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>        | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Through          | Water                               | 20 Kg                | Flange              | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>    | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK002A        |                                     | A74RK010             |                     | A74RK002V              |                                   | A74RK001A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>       | <b>+0.030"</b>      | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050               | 020051              | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005             | A74RK006            | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220615 (Cover)                      |                      |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                      |                     | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (4)       | 140157 (4)                          | 140174 (4)           | 140175 (4)          |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Liner Sleeve</b>                 | <b>Thrust Washer</b> | <b>Cover Gasket</b> | <b>Mount Gasket</b>    | <b>Flange Gasket</b>              |                     |                     |
|                                                                                   | 050053           | 020998                              | 050156               | 010161              | 010097                 | 010094                            |                     |                     |

|                                                                                     |                   |                                     |                      |                    |                        |                           |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 3048672</b> |                      |                    |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                        | CUMMINS              |                    |                        |                           |                  |                     |
|                                                                                     |                   | <b>OE</b>                           | 199654               | 3025827            |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>        | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
|                                                                                     |                   | Water                               |                      | Flange             |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Service Kit</b>                  | <b>Gasket Kit</b>    | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A74RK016          | A74RK012                            |                      |                    |                        |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>       | <b>+0.030"</b>     | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                     | 020048            | 020049                              | 020050               | 020051             | 020052                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A74RK003          | A74RK004                            | A74RK005             | A74RK006           | A74RK007               |                           |                  |                     |
| <b>Head</b>                                                                         |                   |                                     |                      |                    | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   |                                     |                      |                    | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                   |                                     |                      |                    |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>Thrust Washer</b> | <b>Sump Gasket</b> | <b>Gaskets</b>         |                           |                  |                     |
|                                                                                     | 050050            | 050053                              | 050146               | 010215             | 010097 (Cover)         | 010177 (Cover)            | 010349 (Flange)  |                     |

## CUMMINS SERIES

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|  |                  | <b>MAJORSELL PARTS FOR: 3048673</b> |                   |                    |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS           |                    |                        |                           |                  |                     |
|                                                                                   |                  | <b>OE</b>                           | 199654            | 3025827            |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
|                                                                                   |                  | Water                               |                   | Flange             |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Service Kit</b>                  | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A74RK016         | A74RK012                            |                   |                    |                        |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>     | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                   | 020048           | 020049                              | 020050            | 020051             | 020052                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005          | A74RK006           | A74RK007               |                           |                  |                     |
| <b>Head</b>                                                                       |                  |                                     |                   |                    | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                  |                                     |                   |                    | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                  |                                     |                   |                    |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear bush</b> | <b>Front Cover Gasket</b>           |                   | <b>Sump Gasket</b> | <b>Flange Gasket</b>   |                           |                  |                     |
|                                                                                   | 050053           | 010161                              |                   | 010215             | 010349                 |                           |                  |                     |

|                                                                                   |                   |                                     |                      |                  |                        |                           |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 3048675</b> |                      |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | CUMMINS              |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                           | AR11495              | 3017048          | 3025832                |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
|                                                                                   |                   | Water                               |                      | Flange           |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Service Kit</b>                  | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A74RK016          | A74RK012                            |                      |                  |                        |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                   | 020048            | 020049                              | 020050               | 020051           | 020052                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A74RK003          | A74RK004                            | A74RK005             | A74RK006         | A74RK007               |                           |                  |                     |
| <b>Head</b>                                                                       |                   |                                     |                      |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                     |                      |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                     |                      |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>Thrust Washer</b> |                  | <b>Sump Gasket</b>     | <b>Front Cover Gasket</b> |                  |                     |
|                                                                                   | 050050            | 050053                              | 050146               | 050156           | 010215                 | 010177                    |                  |                     |

|                                                                                     |                   |                                     |                      |                       |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 3048677</b> |                      |                       |                        | <b>MAJORSELL REBUILD: 74A017R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                        | CUMMINS              |                       |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                           |                      |                       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>        | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 3 5/8"                                                                              | Through           | Water                               | 36 Kg                | Flange                | Engine oil             | 3/8"                              | Flange           | 3/4"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b>    | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A74RK016          | A74RK012                            |                      |                       |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>       | <b>+0.030"</b>        | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                     | 020048            | 020049                              | 020050               | 020051                | 020052                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A74RK003          | A74RK004                            | A74RK005             | A74RK006              | A74RK007               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                     |                      |                       | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220330 (2)          |
| <b>Crankshaft</b>                                                                   |                   |                                     |                      |                       | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140217 (8)        | 140175 (10)                         | 140174 (2)           | 140175 (6)            | 140190 (3)             | 140175 (3)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                    | <b>Thrust Washer</b> | <b>Cylinder Liner</b> |                        |                                   |                  |                     |
|                                                                                     | 050050            | 050053                              | 050146               | 020998                |                        |                                   |                  |                     |

## CUMMINS SERIES

|                                                                                   |                   |                                     |                      |                  |                        |                           |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 3048680</b> |                      |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                        | CUMMINS              |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                           |                      |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
|                                                                                   |                   | Water                               |                      | Flange           |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Service Kit</b>                  | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A74RK016          | A74RK012                            |                      |                  |                        |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>       | <b>+0.030"</b>   | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                   | 020048            | 020049                              | 020050               | 020051           | 020052                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A74RK003          | A74RK004                            | A74RK005             | A74RK006         | A74RK007               |                           |                  |                     |
| <b>Head</b>                                                                       |                   |                                     |                      |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                     |                      |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                     |                      |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                    | <b>Thrust Washer</b> |                  | <b>Sump Gasket</b>     | <b>Gasket</b>             | <b>Gasket</b>    |                     |
|                                                                                   | 050050            | 050053                              | 050146               | 050156           | 010215                 | 010177                    | 010097           |                     |

|                                                                                   |                  |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3049186</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A011R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           |                   |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Through          | Water                               | 20 Kg             | Flange           | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK002A        |                                     | A74RK010          |                  |                        |                                   | A74RK001A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050            | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005          | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220615 (Cover)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                   |                  | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (4)       | 140157 (4)                          | 140174 (4)        | 140175 (4)       |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Bearing Thrust</b>               | <b>Gasket</b>     |                  |                        |                                   |                     |                     |
|                                                                                   | 050053           | 050156                              | 010197            |                  |                        |                                   |                     |                     |

|                                                                                     |                  |                                     |                     |                  |                        |                                   |                     |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3558006</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 74A001R</b> |                     |                     |
|                                                                                     |                  | <b>Users</b>                        | CUMMINS             |                  |                        |                                   |                     |                     |
|                                                                                     |                  | <b>OE</b>                           |                     |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                                 | Non Through      | Water                               | 20 Kg               | Flange           | Engine oil             | ¾"                                | Flange              | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                     | A74RK002A        |                                     | A74RK010            |                  |                        |                                   | A74RK001A           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>      | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020048           | 020049                              | 020050              | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A74RK003         | A74RK004                            | A74RK005            | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                         |                  | 220615 (Cover)                      |                     |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                   |                  |                                     |                     |                  | <b>Front end Cover</b> | 220663                            |                     |                     |
| <b>Bolts</b>                                                                        | 140173 (4)       | 140157 (4)                          | 140174 (4)          | 140175 (4)       |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Thrust Washer</b>                | <b>Liner Sleeve</b> | <b>Gaskets</b>   |                        |                                   |                     |                     |
|                                                                                     | 050053           | 050156                              | 020998              | 010161 (Inn)     | 010438 (Inn)           | 010361 (Out)                      | 010444 (Flange)     |                     |



## CUMMINS SERIES

|                                                                                   |                     |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: 3558013</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A018R</b> |                     |                     |
|                                                                                   |                     | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                   |                     | <b>OE</b>                           | 3558211           |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3 7/8"                                                                            | Through             | Water                               | 20 Kg             | Flange           | Engine oil             | 3/8"                              | Manifold            | 1/2"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK002A           |                                     | A74RK010          |                  | A74RK002V              |                                   | A74RK001A           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                   | 020090              |                                     | 020092            |                  | 020093                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK013            |                                     | A74RK015          |                  | A74RK018               |                                   |                     |                     |
| <b>Head</b>                                                                       |                     | 220615 (Cover)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                     |                                     |                   |                  | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                      | 140173 (4)          | 140157 (4)                          | 140174 (4)        | 140175 (4)       |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bearing</b> | <b>Thrust Washer</b>                | <b>Gasket</b>     | <b>Gasket</b>    | <b>Gasket</b>          | <b>Gasket</b>                     |                     |                     |
|                                                                                   | 050053              | 050156                              | 010448 (Head)     | 010438 (Rear)    | 010097 (Mount)         | 010161 (Flange)                   |                     |                     |

|                                                                                   |                   |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 3558059</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A002R</b> |                     |                     |
|                                                                                   |                   | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                   |                   | <b>OE</b>                           |                   |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3 5/8"                                                                            | Through           | Water                               | 21 Kg             | Flange           | Engine oil             | 3/4"                              | Manifold            | 1/2"                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK017          | A74RK017A                           | A74RK017B         | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048            | 020049                              | 020050            | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003          | A74RK004                            | A74RK005          | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                   | 220512 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                   |                                     |                   |                  | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                      | 140191 (4)        | 140174 (4)                          | 140175 (4)        |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                    | <b>Gaskets</b>    |                  | <b>Liner Sleeve</b>    |                                   |                     |                     |
|                                                                                   | 050050            | 050053                              | 010161 (Inn)      | 010097 (Front)   | 020998                 |                                   |                     |                     |

|                                                                                     |                  |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3558072</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A005R</b> |                     |                     |
|                                                                                     |                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                     |                  | <b>OE</b>                           | 3558072           |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3 5/8"                                                                              | Through          | Water                               | 21 Kg             | Flange           | Engine oil             | 3/4"                              | Manifold            | 1/2"                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                     | A74RK017         | A74RK017A                           | A74RK017B         | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020048           | 020049                              | 020050            | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A74RK003         | A74RK004                            | A74RK005          | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                         |                  | 220512 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                   |                  |                                     |                   |                  | <b>Front end Cover</b> | 220616                            |                     |                     |
| <b>Bolts</b>                                                                        | 140191 (4)       | 140175 (4)                          |                   |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Liner Sleeve</b>                 |                   |                  |                        |                                   |                     |                     |
|                                                                                     | 050053           | 020998                              |                   |                  |                        |                                   |                     |                     |

## CUMMINS SERIES

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|  |                  | <b>MAJORSELL PARTS FOR: 3558097</b> |                   |                     |                            | <b>MAJORSELL REBUILD: 74A007R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS           |                     |                            |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           |                   |                     |                            |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>                | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Non through      | Water                               | 21 Kg             | Flange              | Engine oil                 | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>         | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK017         | A74RK017A                           | A74RK017B         | A74RK017C           | A74RK017V                  | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>      | <b>+0.040"</b>             |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050            | 020051              | 020052                     |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005          | A74RK006            | A74RK007                   |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220512 (Comp)                       |                   |                     | <b>Rear end Cover</b>      |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                   |                     | <b>Front end Cover</b>     |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140191 (4)       | 140175 (4)                          |                   |                     |                            |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Gasket</b>                       | <b>Gasket</b>     | <b>Liner Sleeve</b> | <b>Front Flange Gasket</b> |                                   |                     |                     |
|                                                                                   | 050053           | 010444 (Flange)                     | 010361 (Out)      | 020998              | 3929751                    |                                   |                     |                     |

|                                                                                   |                            |                                     |                   |                  |                        |                                   |                     |                     |
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|  |                            | <b>MAJORSELL PARTS FOR: 3558098</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A009R</b> |                     |                     |
|                                                                                   |                            | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                     |                     |
|                                                                                   |                            | <b>OE</b>                           | 3558097           |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>               | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Non through                | Water                               |                   | Flange           | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>            | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK017                   | A74RK017A                           | A74RK017B         | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                 | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048                     | 020049                              | 020050            | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003                   | A74RK004                            | A74RK005          | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                            |                                     |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                            |                                     |                   |                  | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      |                            |                                     |                   |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Flange Gasket</b> |                                     |                   |                  |                        |                                   |                     |                     |
|                                                                                   | 3929751                    |                                     |                   |                  |                        |                                   |                     |                     |

|                                                                                     |                  |                                     |                   |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 3558113</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 74A019R</b> |                  |                     |
|                                                                                     |                  | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                     |                  | <b>OE</b>                           |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 3. ⅞"                                                                               | Through          | Water                               | 21 Kg             | Flange           | Engine oil             | ¾"                                | Manifold         | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Ess Kit</b>   |                     |
|                                                                                     | A74RK017         | A74RK017A                           | A74RK017B         | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D        |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>+0.20 mm</b>                     | <b>+0.30 mm</b>   | <b>+0.40 mm</b>  | <b>+0.50 mm</b>        |                                   |                  |                     |
|                                                                                     | 020090           | 020092                              | 020093            |                  |                        |                                   |                  |                     |
| <b>Rings</b>                                                                        | A74RK013         | A74RK015                            | A74RK018          |                  |                        |                                   |                  |                     |
| <b>Head</b>                                                                         |                  | 220512 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220024              |
| <b>Crankshaft</b>                                                                   |                  |                                     |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140191 (4)       | 140174 (4)                          | 140175 (6)        | 140158 (2)       | 140147 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Gasket</b>                       | <b>Gasket</b>     | <b>Gasket</b>    | <b>Gasket</b>          |                                   |                  |                     |
|                                                                                     | 050053           | 010445                              | 010438            | 010161           | 010361                 |                                   |                  |                     |

## CUMMINS SERIES

|                                                                                   |                  |                                     |                     |                  |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|------------------|-------------------------------------|---------------------|------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 3558182</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 74A012R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS             |                  |                        |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           |                     |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Through          | Water                               |                     | Flange           | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK017         | A74RK017A                           | A74RK017B           | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>      | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050              | 020051           | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005            | A74RK006         | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220512 (Comp)                       |                     |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                     |                  | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140191 (4)       | 140174 (4)                          | 140175 (4)          |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Gasket</b>                       | <b>Liner Sleeve</b> |                  |                        |                                   |                     |                     |
|                                                                                   | 050053           | 010445                              | 020998              |                  |                        |                                   |                     |                     |

|                                                                                   |                  |                                     |                     |                            |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|------------------|-------------------------------------|---------------------|----------------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 3558211</b> |                     |                            |                        | <b>MAJORSELL REBUILD: 74A008R</b> |                     |                     |
|                                                                                   |                  | <b>Users</b>                        | CUMMINS             |                            |                        |                                   |                     |                     |
|                                                                                   |                  | <b>OE</b>                           |                     |                            |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>       | <b>Mount</b>               | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3½"                                                                               | Through          | Water                               | 21 Kg               | Flange                     | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>   | <b>Valve Kit</b>           | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                   | A74RK017         | A74RK017A                           | A74RK017B           | A74RK017C                  | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>      | <b>+0.030"</b>             | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                   | 020048           | 020049                              | 020050              | 020051                     | 020052                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A74RK003         | A74RK004                            | A74RK005            | A74RK006                   | A74RK007               |                                   |                     |                     |
| <b>Head</b>                                                                       |                  | 220512 (Comp)                       |                     |                            | <b>Rear end Cover</b>  | 220040                            | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                 |                  |                                     |                     |                            | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140191 (4)       | 140175 (4)                          |                     |                            |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Gasket</b>                       | <b>Liner Sleeve</b> | <b>Front Flange Gasket</b> |                        |                                   |                     |                     |
|                                                                                   | 050053           | 010445                              | 020998              | 3929751                    |                        |                                   |                     |                     |

|                                                                                     |                  |                                     |                            |                  |                        |                                   |                     |                     |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------|----------------------------|------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 3558212</b> |                            |                  |                        | <b>MAJORSELL REBUILD: 74A006R</b> |                     |                     |
|                                                                                     |                  | <b>Users</b>                        | CUMMINS                    |                  |                        |                                   |                     |                     |
|                                                                                     |                  | <b>OE</b>                           |                            |                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>              | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 3. ⅞"                                                                               | Through          | Water                               | 21 Kg                      | Flange           | Engine oil             | ¾"                                | Manifold            | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b>          | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Unloader Kit</b> |                     |
|                                                                                     | A74RK017         | A74RK017A                           | A74RK017B                  | A74RK017C        | A74RK017V              | A74RK017CP                        | A74RK017D           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>+0.010"</b>                      | <b>+0.020"</b>             | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                     |                     |
|                                                                                     | 020090           |                                     | 020092                     | 020093           |                        |                                   |                     |                     |
| <b>Rings</b>                                                                        | A74RK013         |                                     | A74RK015                   | A74RK018         |                        |                                   |                     |                     |
| <b>Head</b>                                                                         |                  | 220512 (Comp)                       |                            |                  | <b>Rear end Cover</b>  | 220040                            | <b>Conn Rod</b>     | 220024              |
| <b>Crankshaft</b>                                                                   |                  |                                     |                            |                  | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140191 (4)       | 140174 (4)                          | 140175 (4)                 |                  |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Gasket</b>                       | <b>Front Flange Gasket</b> |                  |                        |                                   |                     |                     |
|                                                                                     | 050053           | 010445                              | 010361 (Out)               | 3929751          |                        |                                   |                     |                     |

## MIDLAND SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                     |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|---------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: KN7070</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                     |                     |
|                                                                                   |                 | <b>Users</b>                       | CAT               |                  |                        |                           |                     |                     |
|                                                                                   |                 | <b>OE</b>                          |                   |                  |                        |                           |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b>    | <b>Air Delivery</b> |
|                                                                                   | Non-through     | Water                              |                   | Flange           |                        |                           |                     |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      | <b>Unloader Kit</b> |                     |
|                                                                                   | A73RK015        |                                    |                   |                  |                        |                           | A73RK014            |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>+0.010"</b>                     | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                           |                     |                     |
|                                                                                   | 020078          | 020079                             | 020080            | 020081           | 020082                 |                           |                     |                     |
| <b>Rings</b>                                                                      | A73RK016        | A73RK017                           | A73RK018          | A73RK019         | A73RK020               |                           |                     |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                     |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                     |                     |
| <b>Other Parts</b>                                                                | <b>Inserts</b>  |                                    |                   |                  |                        |                           |                     |                     |
|                                                                                   | 050027 (2)      |                                    |                   |                  |                        |                           |                     |                     |

|                                                                                   |                       |                                     |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|-------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: KN13040</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 73A003R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                           |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2 ¾"                                                                              | Through               | Water                               | 15 Kg             | Flange           |                        |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A73RK001              | A73RK001A                           | A73RK001B         | A73RK001C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020018                | 020019                              | 020020            | 020021           | 020022                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A73RK002              | A73RK003                            | A73RK004          | A73RK005         | A73RK006               |                                   |                  |                     |
| <b>Head</b>                                                                       |                       |                                     |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220037              |
| <b>Crankshaft</b>                                                                 |                       |                                     |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                     |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Roller Bearing</b> | <b>Front Bush</b>                   | <b>Inserts</b>    | <b>Plunger</b>   |                        |                                   |                  |                     |
|                                                                                   | 6011                  | 050137                              | 050027 (2)        | 210054           |                        |                                   |                  |                     |

|                                                                                     |                 |                                     |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: KN13050</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 73A008R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                        | DETROIT           |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                           |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2¾"                                                                                 | Through         | Water                               | 25 Kg             | Flange           | Engine oil             | ½"                                | Flange           | ½"                  |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A73RK001        | A73RK001A                           | A73RK001B         | A73RK001C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                     | 020018          | 020019                              | 020020            | 020021           | 020022                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A73RK002        | A73RK003                            | A73RK004          | A73RK005         | A73RK006               |                                   |                  |                     |
| <b>Head</b>                                                                         |                 |                                     |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220037              |
| <b>Crankshaft</b>                                                                   |                 | 140185 (Nut)                        |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140217 (5)      | 140163                              | 140175 (6)        | 140160 (4)       | 140159 (5)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Bearing</b>  | <b>Inserts</b>                      | <b>Gasket</b>     | <b>Gasket</b>    |                        |                                   |                  |                     |
|                                                                                     | 6207 (2)        | 050027 (2)                          | 010059 (Flange)   | 010035 (Sump)    |                        |                                   |                  |                     |

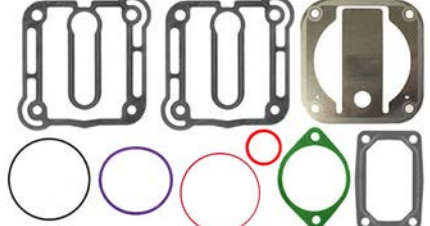
## MIDLAND SERIES

|                                                                                   |                       |                                     |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|-------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: KN13220</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 73A001R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                        | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                           |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2¾"                                                                               | Non-through           | Water                               |                   | Flange           |                        |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A73RK001              | A73RK001A                           | A73RK001B         | A73RK001C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                                   |                  |                     |
|                                                                                   | 020018                | 020019                              | 020020            | 020021           | 020022                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A73RK002              | A73RK003                            | A73RK004          | A73RK005         | A73RK006               |                                   |                  |                     |
| <b>Head</b>                                                                       |                       |                                     |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220037              |
| <b>Crankshaft</b>                                                                 |                       |                                     |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                     |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Roller Bearing</b> | <b>Front Bush</b>                   | <b>Inserts</b>    | <b>Plunger</b>   |                        |                                   |                  |                     |
|                                                                                   | 6011                  | 050137                              | 050027 (2)        | 210054           |                        |                                   |                  |                     |

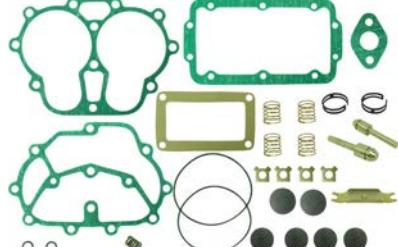
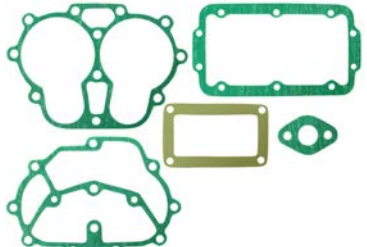
|                                                                                   |                       |                                     |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|-------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: KN16020</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                        | CAT               | FORD             | CUMMINS                |                           |                  |                     |
|                                                                                   |                       | <b>OE</b>                           |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 2¾"                                                                               | Non-through           | Water                               |                   | Base             |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A73RK001              | A73RK001A                           | A73RK001B         | A73RK001C        |                        |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>+0.010"</b>                      | <b>+0.020"</b>    | <b>+0.030"</b>   | <b>+0.040"</b>         |                           |                  |                     |
|                                                                                   | 020018                | 020019                              | 020020            | 020021           | 020022                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A73RK002              | A73RK003                            | A73RK004          | A73RK005         | A73RK006               |                           |                  |                     |
| <b>Head</b>                                                                       |                       |                                     |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220037              |
| <b>Crankshaft</b>                                                                 |                       |                                     |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                     |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Roller Bearing</b> | <b>Front Bush</b>                   | <b>Inserts</b>    | <b>Plunger</b>   |                        |                           |                  |                     |
|                                                                                   | 6011                  | 050137                              | 050027 (2)        | 210054           |                        |                           |                  |                     |

## REPAIR KITS

### A66RK058

|                                                                                   |                                                                                    |                                                                                     |              |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
|  |  |  |              |
| Full Kit: <b>A66RK058</b>                                                         | Head Kit: <b>A66RK058A</b>                                                         | Gasket Kit: <b>A66RK058B</b>                                                        |              |
|  |                                                                                    |                                                                                     |              |
| Valve Kit: <b>A66RK058C</b>                                                       | Ess Kit:                                                                           | Ess Kit:                                                                            | Valve Plate: |

### A68RK006

|                                                                                      |  |                                                                                      |  |
|--------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|
|    |  |  |  |
| Full Kit:                                                                            |  | Service Kit: <b>A68RK006A</b>                                                        |  |
|  |  |  |  |
| Valve Kit:                                                                           |  | Ess Kit:                                                                             |  |
| Filter Kit: <b>A68RK006F</b>                                                         |  | Valve Plate:                                                                         |  |

### A68RK007

|                                                                                     |  |          |  |           |  |              |  |
|-------------------------------------------------------------------------------------|--|----------|--|-----------|--|--------------|--|
|  |  |          |  |           |  |              |  |
| Full Kit: <b>A68RK007</b>                                                           |  |          |  | Head Kit: |  | Gasket Kit:  |  |
|                                                                                     |  |          |  |           |  |              |  |
| Valve Kit:                                                                          |  | Ess Kit: |  | Ess Kit:  |  | Valve Plate: |  |



## REPAIR KITS

### A68RK009

|                                                                                   |  |                                                                                   |  |              |  |
|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|--------------|--|
|  |  |  |  |              |  |
| Full Kit: <b>A68RK009</b>                                                         |  | Head Kit: <b>A68RK009A</b>                                                        |  | Gasket Kit:  |  |
|                                                                                   |  |                                                                                   |  |              |  |
| Valve Kit:                                                                        |  | Ess Kit:                                                                          |  | Ess Kit:     |  |
|                                                                                   |  |                                                                                   |  | Valve Plate: |  |

### A68RK038

|            |  |                                                                                    |  |              |  |
|------------|--|------------------------------------------------------------------------------------|--|--------------|--|
|            |  |  |  |              |  |
| Full Kit:  |  | Service Kit: <b>A68RK038A</b>                                                      |  | Gasket Kit:  |  |
|            |  |                                                                                    |  |              |  |
| Valve Kit: |  | Ess Kit:                                                                           |  | Ess Kit:     |  |
|            |  |                                                                                    |  | Valve Plate: |  |

### A68RK040

|                                                                                     |  |           |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|-----------|--|---------------------------------------------------------------------------------------|--|
|  |  |           |  |  |  |
| Full Kit: <b>A68RK040</b>                                                           |  | Head Kit: |  | Gasket Kit: <b>A68RK040B</b>                                                          |  |
|                                                                                     |  |           |  |                                                                                       |  |
| Valve Kit:                                                                          |  | Ess Kit:  |  | Ess Kit:                                                                              |  |
|                                                                                     |  |           |  |  |  |
|                                                                                     |  |           |  | Valve Plate: <b>A68RK040V</b>                                                         |  |

## REPAIR KITS

### A68RK056

|            |  |                                                                                   |  |
|------------|--|-----------------------------------------------------------------------------------|--|
|            |  |  |  |
| Full Kit:  |  | Unloader Kit: <b>A68RK056A</b>                                                    |  |
|            |  | Gasket Kit:                                                                       |  |
|            |  |                                                                                   |  |
| Valve Kit: |  | Ess Kit:                                                                          |  |
|            |  | Ess Kit:                                                                          |  |
|            |  | Valve Plate:                                                                      |  |

### A68RK058

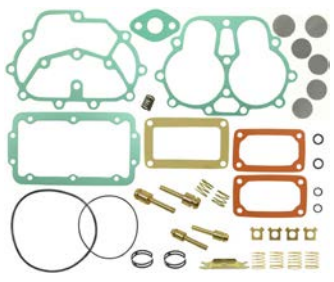
|                                                                                    |  |                                                                                    |  |
|------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A68RK058</b>                                                          |  | Service Kit: <b>A68RK058A</b>                                                      |  |
|                                                                                    |  | Gasket Kit:                                                                        |  |
|                                                                                    |  |                                                                                    |  |
| Valve Kit:                                                                         |  | Ess Kit:                                                                           |  |
|                                                                                    |  | Ess Kit:                                                                           |  |
|                                                                                    |  | Valve Plate:                                                                       |  |

### A68RK092

|            |  |                                                                                      |  |
|------------|--|--------------------------------------------------------------------------------------|--|
|            |  |  |  |
| Full Kit:  |  | Service Kit: <b>A68RK092A</b>                                                        |  |
|            |  | Gasket Kit: <b>A68RK092B</b>                                                         |  |
|            |  | IN DEVELOPMENT                                                                       |  |
| Valve Kit: |  | Ess Kit:                                                                             |  |
|            |  | Ess Kit:                                                                             |  |
|            |  | Valve Plate: <b>A68RK092V</b>                                                        |  |

## REPAIR KITS

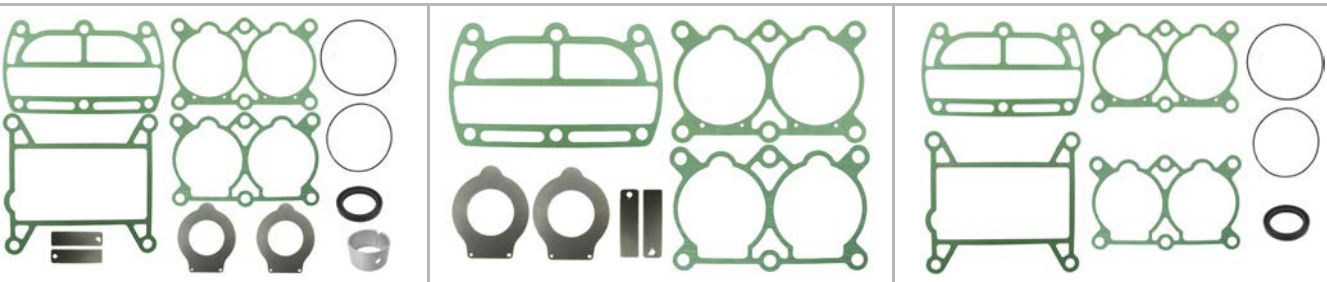
### A68RK094

|                                                                                   |  |            |  |
|-----------------------------------------------------------------------------------|--|------------|--|
|  |  |            |  |
| Universal Kit: <b>A68RK094</b>                                                    |  | Head Kit:  |  |
| Gasket Kit:                                                                       |  | Valve Kit: |  |
| Ess Kit:                                                                          |  | Ess Kit:   |  |
| Valve Plate:                                                                      |  |            |  |

### A68RK096

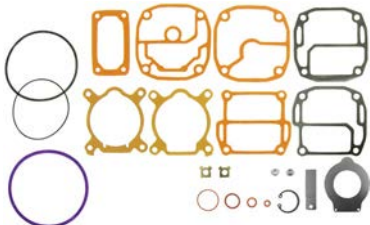
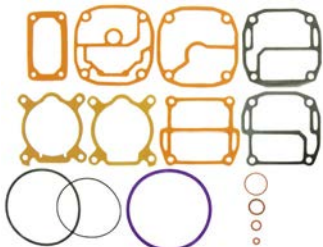
|                                                                                     |  |                            |  |
|-------------------------------------------------------------------------------------|--|----------------------------|--|
|  |  |                            |  |
| Full Kit: <b>A68RK096</b>                                                           |  | Head Kit: <b>A68RK096A</b> |  |
| Gasket Kit:                                                                         |  | Valve Kit:                 |  |
| Ess Kit:                                                                            |  | Ess Kit: <b>A68RK096D</b>  |  |
| Valve Plate:                                                                        |  |                            |  |

### A68RK103

|                                                                                      |  |                             |  |
|--------------------------------------------------------------------------------------|--|-----------------------------|--|
|  |  |                             |  |
| Full Kit: <b>A68RK103</b>                                                            |  | Head Kit: <b>A68RK103A</b>  |  |
| Gasket Kit: <b>A68RK103B</b>                                                         |  | Valve Kit: <b>A68RK103C</b> |  |
| Ess Kit:                                                                             |  | Ess Kit:                    |  |
| Valve Plate: <b>A68RK103V</b>                                                        |  |                             |  |

## REPAIR KITS

### A68RK104

|                                                                                   |  |                                                                                    |  |                                                                                     |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|                                                                                   |  |   |  |  |  |
| <b>Full Kit:</b>                                                                  |  | <b>Head Kit: A68RK104A</b>                                                         |  | <b>Gasket Kit: A68RK104B</b>                                                        |  |
|  |  |  |  |  |  |
| <b>Valve Kit: A68RK104C</b>                                                       |  | <b>Ess Kit:</b>                                                                    |  | <b>Valve Plate: A68RK104V1</b>                                                      |  |
|                                                                                   |  |                                                                                    |  | <b>Valve Plate: A68RK104V</b>                                                       |  |

### A68RK105

|                                                                                     |  |                                                                                      |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|   |  |    |  |   |  |
| <b>Full Kit: A68RK105</b>                                                           |  | <b>Head Kit: A68RK105A</b>                                                           |  | <b>Gasket Kit: A68RK105B</b>                                                          |  |
|  |  |  |  |  |  |
| <b>Valve Kit: A68RK105C</b>                                                         |  | <b>Ess Kit:</b>                                                                      |  | <b>Cooling Plate: A68RK105CP</b>                                                      |  |
|                                                                                     |  |                                                                                      |  | <b>Valve Plate: A68RK105V</b>                                                         |  |

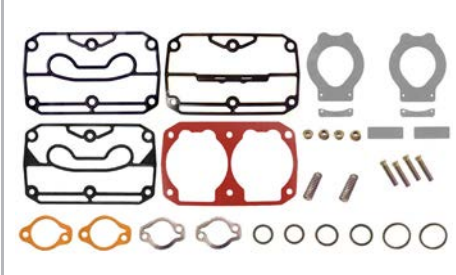
### A68RK109

|                   |  |                                                                                      |  |                                                                                       |  |
|-------------------|--|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|                   |  |                                                                                      |  |  |  |
| <b>Full Kit:</b>  |  | <b>Head Kit:</b>                                                                     |  | <b>Gasket Kit: A68RK109B</b>                                                          |  |
|                   |  |  |  |  |  |
| <b>Valve Kit:</b> |  | <b>Ess Kit:</b>                                                                      |  | <b>Ess Kit: A68RK109VK</b>                                                            |  |
|                   |  |                                                                                      |  | <b>Valve Plate: A68RK109V</b>                                                         |  |



## REPAIR KITS

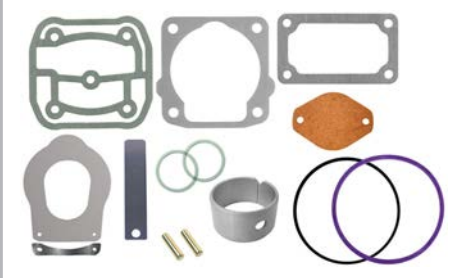
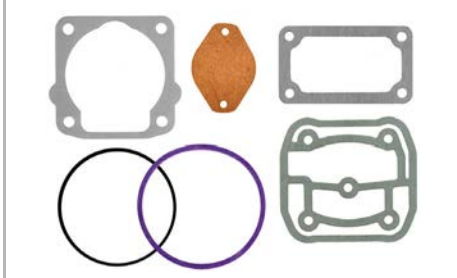
### A68RK115

|                                                                                  |                                                                                   |                                                                                    |  |                                                                                     |  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|  |                                                                                   |  |  |  |  |
| Full Kit: <b>A68RK115</b>                                                        |                                                                                   | Head Kit: <b>A68RK115A</b>                                                         |  | Gasket Kit: <b>A68RK115B</b>                                                        |  |
|  |  |  |  |  |  |
| Valve Kit: <b>A68RK115C</b>                                                      | Ess Kit: <b>A68RK115D</b>                                                         | Ess Kit: <b>A68RK115D1</b>                                                         |  | Valve Plate: <b>A68RK115V</b>                                                       |  |

### A68RK117

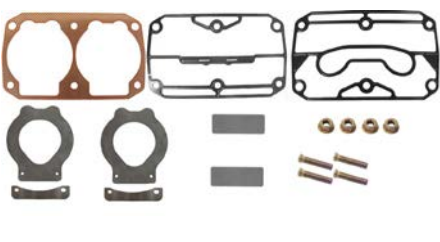
|                                                                                    |          |                                                                                     |          |                                                                                      |  |
|------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|--|
|   |          |  |          |  |  |
| Full Kit: <b>A68RK117</b>                                                          |          | Head Kit: <b>A68RK117A</b>                                                          |          | Gasket Kit: <b>A68RK117B</b>                                                         |  |
|  |          |                                                                                     |          |                                                                                      |  |
| Valve Kit: <b>A68RK117C</b>                                                        | Ess Kit: |                                                                                     | Ess Kit: | Valve Plate:                                                                         |  |

### A68RK118

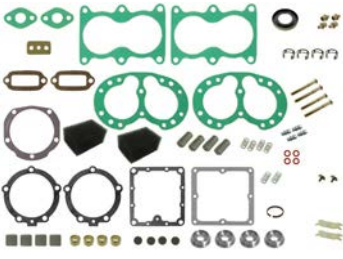
|                                                                                    |          |                                                                                      |          |                                                                                       |  |
|------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|--|
|  |          |  |          |  |  |
| Full Kit: <b>A68RK118</b>                                                          |          | Head Kit: <b>A68RK118A</b>                                                           |          | Gasket Kit: <b>A68RK118B</b>                                                          |  |
|                                                                                    |          |                                                                                      |          |  |  |
| Valve Kit:                                                                         | Ess Kit: |                                                                                      | Ess Kit: | Valve Plate: <b>A68RK118V</b>                                                         |  |

## REPAIR KITS

### A68RK124

|                                                                                   |  |                                                                                    |  |                                                                                     |  |
|-----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  |
| Full Kit: <b>A68RK124</b>                                                         |  | Head Kit: <b>A68RK124A</b>                                                         |  | Gasket Kit: <b>A68RK124B</b>                                                        |  |
|  |  |                                                                                    |  |                                                                                     |  |
| Valve Kit: <b>A68RK124C</b>                                                       |  | Ess Kit:                                                                           |  | Ess Kit:                                                                            |  |
|                                                                                   |  |                                                                                    |  | Valve Plate:                                                                        |  |

### A68RK129

|            |  |                                                                                    |  |              |  |
|------------|--|------------------------------------------------------------------------------------|--|--------------|--|
|            |  |  |  |              |  |
| Full Kit:  |  | Head Kit: <b>A68RK129A</b>                                                         |  | Gasket Kit:  |  |
|            |  |                                                                                    |  |              |  |
| Valve Kit: |  | Ess Kit:                                                                           |  | Ess Kit:     |  |
|            |  |                                                                                    |  | Valve Plate: |  |

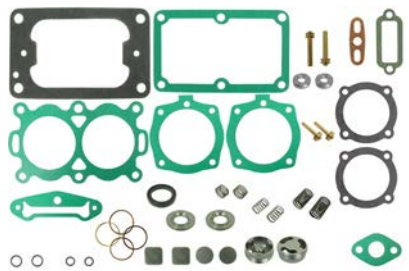
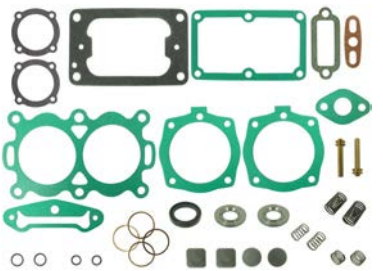
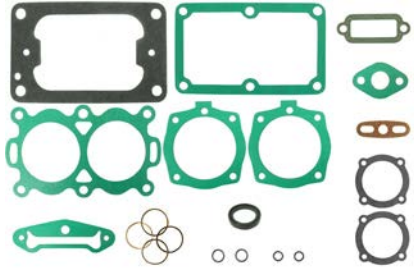
### A69RK021

|                                                                                     |  |                                                                                     |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  |
| Full Kit: <b>A69RK021</b>                                                           |  | Head Kit: <b>A69RK021A</b>                                                          |  | Gasket Kit: <b>A69RK021B</b>                                                          |  |
|                                                                                     |  |                                                                                     |  |                                                                                       |  |
| Valve Kit:                                                                          |  | Ess Kit:                                                                            |  | Ess Kit:                                                                              |  |
|                                                                                     |  |                                                                                     |  | Valve Plate:                                                                          |  |



## REPAIR KITS

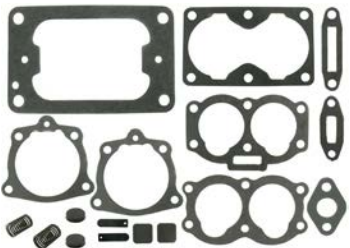
### A73RK001

|                                                                                   |  |  |  |                                                                                   |  |  |  |                                                                                     |  |  |  |
|-----------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |
| Full Kit: <b>A73RK001</b>                                                         |  |  |  | Head Kit: <b>A73RK001A</b>                                                        |  |  |  | Gasket Kit: <b>A73RK001B</b>                                                        |  |  |  |
|  |  |  |  | Ess Kit:                                                                          |  |  |  | Ess Kit:                                                                            |  |  |  |
| Valve Kit: <b>A73RK001C</b>                                                       |  |  |  | Ess Kit:                                                                          |  |  |  | Valve Plate:                                                                        |  |  |  |

### A73RK014

|            |  |  |  |           |  |  |  |                                                                                      |  |  |  |
|------------|--|--|--|-----------|--|--|--|--------------------------------------------------------------------------------------|--|--|--|
| Full Kit:  |  |  |  | Head Kit: |  |  |  | Gasket Kit:                                                                          |  |  |  |
| Valve Kit: |  |  |  | Ess Kit:  |  |  |  |  |  |  |  |
| Valve Kit: |  |  |  | Ess Kit:  |  |  |  | Ess Kit: <b>A73RK014</b>                                                             |  |  |  |
| Valve Kit: |  |  |  | Ess Kit:  |  |  |  | Valve Plate:                                                                         |  |  |  |

### A73RK015

|                                                                                     |  |  |  |           |  |  |  |              |  |  |  |
|-------------------------------------------------------------------------------------|--|--|--|-----------|--|--|--|--------------|--|--|--|
|  |  |  |  | Head Kit: |  |  |  | Gasket Kit:  |  |  |  |
| Full Kit: <b>A73RK015</b>                                                           |  |  |  | Head Kit: |  |  |  | Gasket Kit:  |  |  |  |
| Valve Kit:                                                                          |  |  |  | Ess Kit:  |  |  |  | Ess Kit:     |  |  |  |
| Valve Kit:                                                                          |  |  |  | Ess Kit:  |  |  |  | Valve Plate: |  |  |  |

## REPAIR KITS

### A74RK001

|            |  |                                                                                   |  |
|------------|--|-----------------------------------------------------------------------------------|--|
|            |  |  |  |
| Full Kit:  |  | Unloader Kit: <b>A74RK001A</b>                                                    |  |
|            |  | Gasket Kit:                                                                       |  |
|            |  |                                                                                   |  |
|            |  |                                                                                   |  |
| Valve Kit: |  | Ess Kit:                                                                          |  |
|            |  | Ess Kit:                                                                          |  |
|            |  | Valve Plate:                                                                      |  |

### A74RK002

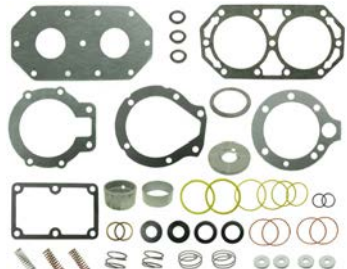
|                                                                                    |  |              |  |
|------------------------------------------------------------------------------------|--|--------------|--|
|  |  |              |  |
| Full Kit: <b>A74RK002A</b>                                                         |  | Head Kit:    |  |
|                                                                                    |  | Gasket Kit:  |  |
|                                                                                    |  |              |  |
|                                                                                    |  |              |  |
| Valve Kit:                                                                         |  | Ess Kit:     |  |
|                                                                                    |  | Ess Kit:     |  |
|                                                                                    |  | Valve Plate: |  |

### A74RK010

|            |  |                                                                                       |  |
|------------|--|---------------------------------------------------------------------------------------|--|
|            |  |  |  |
| Full Kit:  |  | Head Kit:                                                                             |  |
|            |  | Gasket Kit: <b>A74RK010</b>                                                           |  |
|            |  |                                                                                       |  |
|            |  |                                                                                       |  |
| Valve Kit: |  | Ess Kit:                                                                              |  |
|            |  | Ess Kit:                                                                              |  |
|            |  | Valve Plate:                                                                          |  |

## REPAIR KITS

**A74RK012**

|                                                                                   |           |             |              |
|-----------------------------------------------------------------------------------|-----------|-------------|--------------|
|  |           |             |              |
| Service Kit: <b>A74RK012</b>                                                      | Head Kit: | Gasket Kit: |              |
|                                                                                   |           |             |              |
| Valve Kit:                                                                        | Ess Kit:  | Ess Kit:    | Valve Plate: |

**A74RK016**

|                                                                                    |          |           |              |
|------------------------------------------------------------------------------------|----------|-----------|--------------|
|  |          |           |              |
| Full Kit: <b>A74RK016</b>                                                          |          | Head Kit: | Gasket Kit:  |
| Valve Kit:                                                                         | Ess Kit: | Ess Kit:  | Valve Plate: |

**A74RK017**

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A74RK017</b>                                                           | Head Kit: <b>A74RK017A</b>                                                          | Gasket Kit: <b>A74RK017B</b>                                                          |                                                                                       |
|  |  | <b>IN DEVELOPMENT</b>                                                                 |  |
| Valve Kit: <b>A74RK017C</b>                                                         | Unloader Kit: <b>A74RK017D</b>                                                      | Cooling Plate: <b>A74RK017CP</b>                                                      | Valve Plate: <b>A74RK017V</b>                                                         |

## REPAIR KITS

### B68RK003

|                                                                                   |  |              |  |
|-----------------------------------------------------------------------------------|--|--------------|--|
|  |  |              |  |
| D2 Gov Kit: <b>B68RK003</b>                                                       |  | Head Kit:    |  |
|                                                                                   |  | Gasket Kit:  |  |
|                                                                                   |  |              |  |
| Valve Kit:                                                                        |  | Ess Kit:     |  |
|                                                                                   |  | Ess Kit:     |  |
|                                                                                   |  | Valve Plate: |  |

### 220007

|            |  |                                                                                       |  |
|------------|--|---------------------------------------------------------------------------------------|--|
|            |  |                                                                                       |  |
| Full Kit:  |  | Head Kit:                                                                             |  |
|            |  | Gasket Kit:                                                                           |  |
|            |  |  |  |
| Valve Kit: |  | Valve Plate: <b>220007</b>                                                            |  |
|            |  |                                                                                       |  |

### 220020

|            |  |                                                                                       |  |
|------------|--|---------------------------------------------------------------------------------------|--|
|            |  |                                                                                       |  |
| Full Kit:  |  | Head Kit:                                                                             |  |
|            |  | Gasket Kit:                                                                           |  |
|            |  |  |  |
| Valve Kit: |  | Valve Plate: <b>220020</b>                                                            |  |
|            |  |                                                                                       |  |





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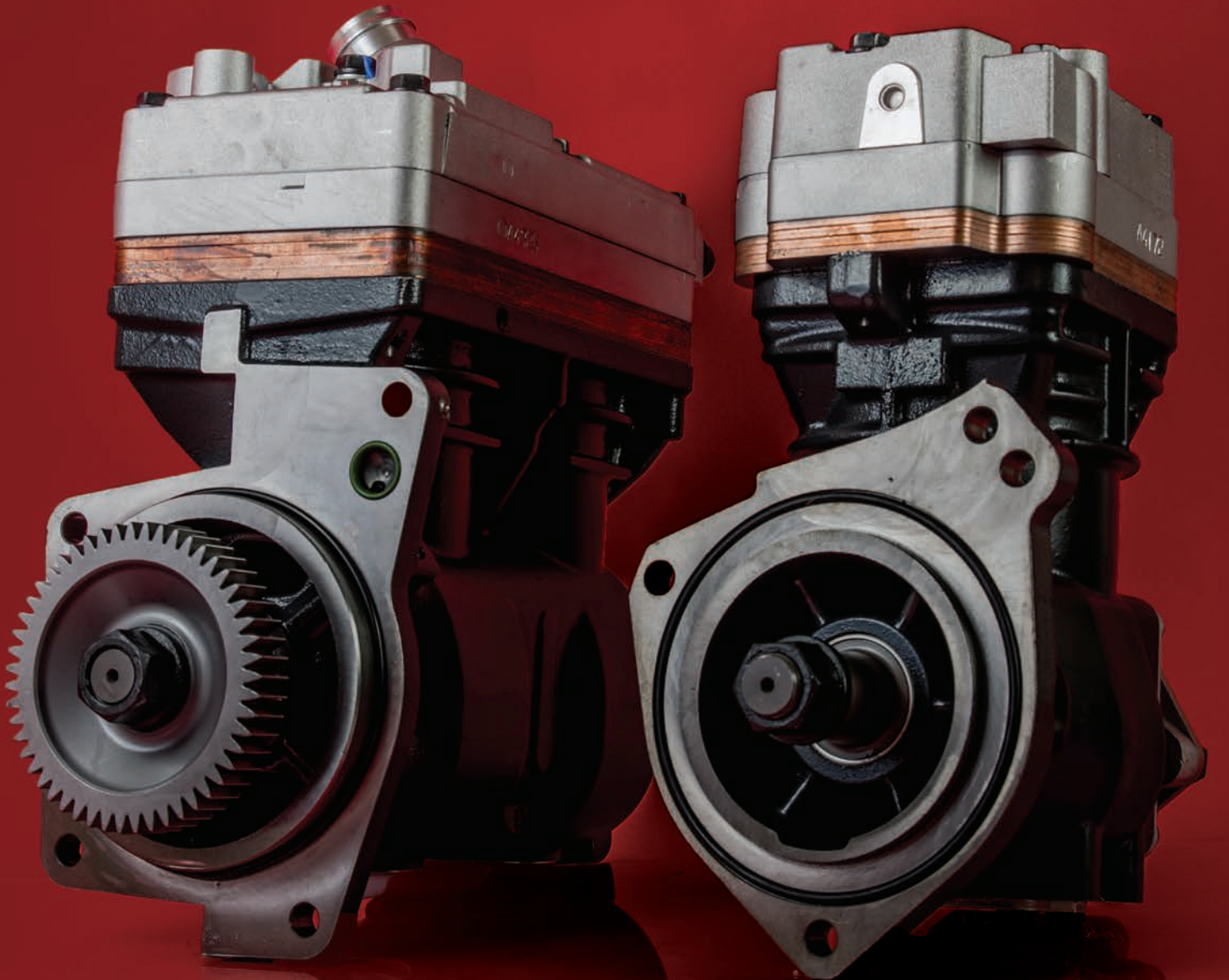
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The range of Majorsell compressor repair kits and components has increased continually during the last 30 years and is now probably the most extensive range of aftermarket compressor parts offered by a single company in the world. All of our compressor kits are designed with the rebuilder in mind to offer high quality and maximum choice whilst keeping costs to a minimum. They are all built in our UK warehouse to our specification and all of our compressor parts are used in our own reconditioning workshop.

In early 2011 we moved to a much larger facility in West Bromwich and invested a substantial amount in new machinery for our workshop, including a brand new test machine. In 2012 another building was purchased to accommodate the increase in demand for our reconditioned compressors and in 2014 an expansion to our existing workshop was completed.

Majorsell has been exporting since 1986 and now exports to over 70 countries. Our customers include small workshops and rebuilders as well as fleet operators and large distributors. We pride ourselves on our customer service and attention to detail. All of our parts are carefully packed and are easily identifiable in our distinctive Majorsell packaging. Majorsell is an internationally recognised brand which is something we are very proud of.

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In addition to air brake parts we also offer a comprehensive range of caliper parts and air conditioning compressors as well as ancillary items and workshop consumables. We are also pleased to be official stockists of Wabco, Cummins, Raufoss, Fleetguard and Valvoline.



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**Original part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.**

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| LK1521                 | 10 | LK3846 K000861  | 24 | LK4931            | 38 | LP3975                 | 50 |
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## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1300</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A044R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01261731              | 01261729                         | 01173872               | 01173897                          | 0537989          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-through       | Air                                | 7 kg                  | Base                             | Engine oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020114            |                                    | 020173                |                                  | 020174                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          |                                    | A66RK028              |                                  | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220111            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140124 (4)            | 140103 (4)                       | 140103 (4)             | 140155 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK1302</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A045R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | I78515            | 01173871         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-through     | Air                                |                   | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020114          |                                    | 020173            |                  | 020174                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027        |                                    | A66RK028          |                  | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086          | 220136 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220111          |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1303</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A046R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01173870              | 1173870                          | I78516                 |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Air                                | 7 kg                  | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020114            |                                    | 020173                |                                  | 020174                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          |                                    | A66RK028              |                                  | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220419                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220111            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220139                            |                  |                     |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140103 (4)                        | 140155 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        |                                   |                  |                     |
|                                                                                     | 050181            | 050182                             | 020165                | 020165K1                         |                        |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK1309</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | Users                              | IVECO             |                  |                        |                           |                  |                     |
|                                                                                   |                 | OE                                 | 01173868          | I84038           |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through     | Air                                | 8 kg              | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020114          |                                    | 020173            |                  | 020174                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027        |                                    | A66RK028          |                  | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220111          |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                       |                                    |                   |                  |                        |                                   |                          |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|--------------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1310</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A270R</b> |                          |                     |
|                                                                                   |                       | Users                              | IVECO             |                  |                        |                                   |                          |                     |
|                                                                                   |                       | OE                                 | I87671            |                  |                        |                                   |                          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>         | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through           | Air                                | 7 kg              | Base             | Engine Oil             |                                   | M26                      | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                          |                     |
|                                                                                   | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                                   |                          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                          |                     |
|                                                                                   | 020114                |                                    | 020173            |                  | 020174                 |                                   |                          |                     |
| <b>Rings</b>                                                                      | A66RK027              |                                    | A66RK028          |                  | A66RK029               |                                   |                          |                     |
| <b>Head</b>                                                                       | 220086                | 220136 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>          | 220014              |
| <b>Crankshaft</b>                                                                 |                       |                                    |                   |                  | <b>Front end Cover</b> |                                   |                          |                     |
| <b>Bolts</b>                                                                      | 140130 (4)            | 140138 (4)                         | 140124 (4)        | 140103 (4)       | 140103 (4)             | 140155 (4)                        |                          |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  | <b>Front Bush</b>      | <b>Rear Bush</b>                  | <b>Front Flange Ring</b> |                     |
|                                                                                   | 020165                | 020165K1                           |                   |                  | 050181                 | 050182                            | RM1180-30V               |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                           |                  |                              |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|------------------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1311</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                              |
|                                                                                     |                   | Users                              | IVECO             |                  |                        |                           |                  |                              |
|                                                                                     |                   | OE                                 | 01173873          | I86164           |                        |                           |                  |                              |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b>          |
| 75 mm                                                                               | Non-Through       | Air                                | 8 kg              | Base             | Engine Oil             |                           | M26              | M26                          |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                              |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                              |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                              |
|                                                                                     | 020114            |                                    |                   |                  |                        |                           |                  |                              |
| <b>Rings</b>                                                                        | A66RK027          |                                    |                   |                  |                        |                           |                  |                              |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                    | <b>Conn Rod</b>  | 220014                       |
| <b>Crankshaft</b>                                                                   | 220111            | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                           |                  |                              |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140124 (4)        | 140138 (4)       | 140103 (4)             | 140155 (4)                | 140124 (4)       |                              |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cover Seal</b> | <b>Gasket</b>    | <b>Gasket</b>          | <b>Oil Seal</b>           | <b>Cylinder</b>  | <b>Cylinder &amp; Piston</b> |
|                                                                                     | 050181            | 050182                             | RM0800-30V        | 010245           | 010154                 | 110036                    | 020165           | 020165                       |



## KNORR BREMSE LK SERIES

|                                                                                   |                       |                                    |                   |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1314</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A035R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 01173868          | 01261822          | I87544                 |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through           | Air                                | 7.5 kg            | Base              | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C         | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020114                |                                    | 020173            |                   | 020174                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027              |                                    | A66RK028          |                   | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086                | 220136 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 | 220111                | 140015 (Nut)                       |                   |                   | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)            | 140138 (4)                         | 140213 (4)        | 140193 (4)        | 140155 (4)             | 140103 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   | <b>Front Bush</b> | <b>Rear Bush</b>       | <b>Crankcase</b>                  |                  |                     |
|                                                                                   | 020165                | 020165K1                           |                   | 050181            | 050182                 | 220122                            |                  |                     |

|                                                                                   |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1500</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A047R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 | VOLVO                            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01173863              | 08009674                         | 01173877               | 01261659                          | 01261100         | 42522661            |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 10 kg                 | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> | <b>Crankcase</b>       |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          | 220122                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1503</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A137R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01173876              | 42017954                         | 42522660               | I78519                            |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Air                                | 7 kg                  | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> | <b>Inserts</b>         | <b>Crankcase</b>                  |                  |                     |
|                                                                                     | 050181            | 050182                             | 020165                | 020165K                          | 050090                 | 220122                            |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1504</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A304R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01173875              |                                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 7 kg                  | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        | <b>Crankcase</b>                  |                  |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        | 220122                            |                  |                     |

|                                                                                   |                   |                                    |                       |                                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1505</b> |                       |                                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN                   |                                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 51541017141           | 51541017124                      |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 7 kg                  | Base                             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                    | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220123                    |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140155 (4)                | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        |                           |                  |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        |                           |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK1506</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 51541017125       | 51541017164      |                        | 51541017165               | 5154106125       |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through     | Air                                | 7.2 kg            | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020124          | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220267          |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                    |                   |                  |                        |                           |                  |                     |
|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |

\*LK1510 & LK1511 Non-Through Drive

\*LK1506 Through Drive

## KNORR BREMSE LK SERIES

|                                                                                   |                       |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1510</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 51541017166       | I89700           |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through           | Air                                | 7.2 kg            | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124                | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027              | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220111                |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020165                | 020165K                            |                   |                  |                        |                           |                  |                     |

\*LK1510 & LK1511 non-through drive

\*LK1506 through drive

|                                                                                   |                  |                                    |                   |                       |                                  |                                   |                  |                     |
|-----------------------------------------------------------------------------------|------------------|------------------------------------|-------------------|-----------------------|----------------------------------|-----------------------------------|------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: LK1511</b> |                   |                       |                                  | <b>MAJORSELL REBUILD: 66A036R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                       | MERCEDES          | IVECO                 |                                  |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                          | 0031314801        | 0031316301            | I83539                           | 0041315801                        |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>          | <b>Lube</b>                      | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through          | Air                                | 8 kg              | Base                  | Engine Oil                       |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>               | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008         | A66RK008A                          | A66RK008B         | A66RK008C             | A66RK008V                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>        | <b>1.00 mm</b>                   |                                   |                  |                     |
|                                                                                   | 020124           | 020175                             | 020125            | 020203                | 020126                           |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027         | A66RK088                           | A66RK028          | A66RK089              | A66RK029                         |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086           | 220136 (Comp)                      |                   |                       | <b>Rear end Cover</b>            | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220267           | 140015 (Nut)                       |                   |                       | <b>Front end Cover</b>           | 220123                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)       | 140138 (4)                         | 140124 (4)        | 140103 (4)            | 220135 (4)                       | 220103 (4)                        | 220155 (4)       | 220103 (4)          |
| <b>Other Parts</b>                                                                | <b>Crankcase</b> | <b>Front Bush</b>                  | <b>Rear Bush</b>  | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                                   |                  |                     |
|                                                                                   | 220289           | 050181                             | 050182            | 020165                | 020165K                          |                                   |                  |                     |

|                                                                                     |                       |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1516</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                       | <b>Users</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                     |                       | <b>OE</b>                          | I84922            |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through               | Air                                | 8 kg              | Base             | Engine Oil             |                           | 26M              | 26M                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020124                | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK027              | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                         |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                       |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                       |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  |                        |                           |                  |                     |
|                                                                                     | 020165                | 020165K                            |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                       |                                    |                   |                  |                        |                           |                  |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: LK1517</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | Users                              |                   |                  |                        |                           |                  |                     |
|                                                                                   |                       | OE                                 | I84947            |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             |                       | Air                                | 8 kg              |                  | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124                | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027              | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 | 220267                |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020165                | 020165K                            |                   |                  |                        |                           |                  |                     |

|                                                                                   |                       |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1518</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | Users                              |                   |                  |                        |                           |                  |                     |
|                                                                                   |                       | OE                                 | I84948            |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through           | Air                                | 7.5 kg            | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124                | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027              | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 | 220267                |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020165                | 020165K                            |                   |                  |                        |                           |                  |                     |

|                                                                                     |                       |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK1521</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                       | Users                              |                   |                  |                        |                           |                  |                     |
|                                                                                     |                       | OE                                 | I84951            |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through               | Air                                | 8 kg              | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A66RK008              | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020124                | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK027              | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                         |                       |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   | 220267                |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                       |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b>   |                   |                  |                        |                           |                  |                     |
|                                                                                     | 020165                | 020165K                            |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                                         |                 |                                    |                   |                  |                        |                           |                  |                     |
|---------------------------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
| <br>NO IMAGE AVAILABLE |                 | <b>MAJORSELL PARTS FOR: LK1522</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                                         |                 | <b>Users</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                                         |                 | <b>OE</b>                          |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                                             | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                                                   |                 | Air                                | 8 kg              |                  |                        |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                                      | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                                         | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                                           | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                                         | 020124          | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                                            | A66RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                                             |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                                       | 220267          |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                                            |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                                         |                 |                                    |                   |                  |                        |                           |                  |                     |
|---------------------------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
| <br>NO IMAGE AVAILABLE |                 | <b>MAJORSELL PARTS FOR: LK1523</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                                         |                 | <b>Users</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                                         |                 | <b>OE</b>                          |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                                             | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                                                   |                 | Air                                | 8 kg              |                  |                        |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                                      | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                                         | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                                           | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                                         | 020124          | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                                            | A66RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                                             |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                                       | 220267          |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                                            |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                     |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1524</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A128R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01175309              | 01175509                         | I85395                 |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Air                                | 6 kg                  | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)                       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        | <b>Crankcase</b>                  | <b>O Ring</b>    |                     |
|                                                                                     | 050181            | 050182                             | 020165                | 020165K                          |                        | 220161                            | RM0940-30S       |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                                  |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|----------------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1525</b> |                                  |                  |                        | <b>MAJORSELL REBUILD: 66A089R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | DAF                              |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 272732                           | 0272732          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>                    | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 8 kg                             | Flange           | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>                | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B                        | A66RK008C        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>                   | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                           | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028                         | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                                  |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140019 (Nut)                       |                                  |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140176 (3)                       | 140138 (3)       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Cylinder Liner</b>              | <b>Cylinder Liner and Piston</b> |                  | <b>O Ring</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                   | 050228            | 020165                             | 020165K                          |                  | RM0800-30S             | RM0940-30S                        |                  |                     |

|                                                                                   |                   |                                    |                       |                                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1526</b> |                       |                                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MERCEDES              |                                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                          |                       |                                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Air                                | 10 kg                 | Flange                           | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220111            |                                    |                       |                                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140155 (4)            | 140103 (4)                       |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        | <b>O Ring</b>             | <b>O Ring</b>    |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        | RM0800-30S                | RM0940-30S       |                     |

|                                                                                     |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1527</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A037R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | ERF                   | MERCEDES                         |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | KBLK15                | 27ATR                            | 0041310501             | 413105010080                      | I88770           |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through           | Air                                | 10 kg                 | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220123                            |                  |                     |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140136 (4)            | 140135 (4)                       | 140155 (4)             | 140103 (4)                        | 140124 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        | <b>O Ring</b>                     | <b>Crankcase</b> |                     |
|                                                                                     | 050181            | 050182                             | 020165                | 020165K                          |                        | BS213                             | 220289           |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK1532</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 0041311901        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through     | Air                                | 7.5 kg            | Base             | Engine Oil             |                           | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK008        | A66RK008A                          | A66RK008B         | A66RK008C        | A66RK008V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020124          | 020175                             | 020125            | 020203           | 020126                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220267          |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                    |                       |                                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|----------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1534</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A124R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01178041              | I92972                           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 8 Kg                  | Base                             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220267            | 140015 (Nut)                       |                       |                                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140213 (4)            | 140198 (4)                       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                                  |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|----------------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1539</b> |                                  |                  |                        | <b>MAJORSELL REBUILD: 66A061R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | DAF                              |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 0537989                          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>                    | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through           | Air                                | 8 kg                             | Flange           | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>                | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK008          | A66RK008A                          | A66RK008B                        | A66RK008C        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>                   | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125                           | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          | A66RK088                           | A66RK028                         | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                                  |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                   | 140019 (Nut)                       |                                  |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140130 (4)        | 140138 (4)                         | 140176 (3)                       | 140138 (3)       | 140155 (4)             | 140103 (4)                        | 140177 (1)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Cylinder Liner</b>              | <b>Cylinder Liner and Piston</b> |                  | <b>O Ring</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                     | 050228            | 020165                             | 020165K                          |                  | RM0940-30S             | RM0800-30S                        |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK1549</b> |                       |                                  |                        | <b>MAJORSELL REBUILD: 66A113R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 |                                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01179230              |                                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>                     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                | 10 kg                 | Flange                           | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b>                 | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008          | A66RK008A                          | A66RK008B             | A66RK008C                        | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>                   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203                           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089                         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                       |                                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                       |                                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140170 (4)            | 140124 (4)                       | 140138 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder Liner</b> | <b>Cylinder Liner and Piston</b> |                        | <b>O Ring</b>                     | <b>Crankcase</b> |                     |
|                                                                                   | 050181            | 050182                             | 020165                | 020165K                          |                        | RM1150-30V                        | 220135           |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK1554</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A149R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5000691935        | 5001845852       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Air                                | 12 kg             | Flange           | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK044          | A66RK044A                          | A66RK044B         | A66RK038C        | A66RK044V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086            | 220136 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220641                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220639            | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)        | 140138 (4)                         | 140135 (1)        |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Lip Seal</b>   | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050268            | 050262                             | 160114            | RM1000-30V       | RM0800-30S             |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LK1567</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A220R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | RENAULT           |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 7485003209        | 5010450535       | 5001856588             | SEB01686                          |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through         | Air                                | 10 kg             | Flange           | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK044        | A66RK044A                          | A66RK044B         | A66RK038C        | A66RK044V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124          | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086          | 220136 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                 | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140101 (4)      | 140138 (4)                         | 140135 (4)        | 140184 (2)       | 140098 (2)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Lip Seal</b> | <b>O Ring</b>                      | <b>Front Bush</b> | <b>Rear Bush</b> | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                     | 160114          | RM1000-30V                         | 050268            | 050262           | RM0800-30S             |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                  |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: LK1802</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A038R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                       | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                          | 0031315901        | 0041310301       | I80864                 |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through      | Air                                | 7 kg              | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK017         | A66RK017A                          | A66RK017B         | A66RK017C        | A66RK017V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112           | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010         | A66RK018                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220117           | 220125 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220133                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220124           | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> | 220123                            |                  |                     |
| <b>Bolts</b>                                                                      |                  |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Crankcase</b> | <b>Front Bush</b>                  | <b>Rear Bush</b>  |                  |                        |                                   |                  |                     |
|                                                                                   | 220135           | 050181                             | 050182            |                  |                        |                                   |                  |                     |

|                                                                                   |                       |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: LK1813</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A040R</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 0041317401        | 0041317701        | 0041319401             | II18355                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through               | Air                                | 7 kg              | Side              | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK017              | A66RK017A                          | A66RK017B         | A66RK017C         | A66RK017V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112                | 020181                             | 020113            | 020199            | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010              | A66RK018                           | A66RK011          | A66RK080          | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220061                | 220128 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220129                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220062                | 140015 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140120 (4)            | 140138 (4)                         | 140135 (3)        | 140155 (4)        | 140103 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder liner</b> | <b>Cylinder Liner &amp; piston</b> |                   | <b>Front Bush</b> | <b>Rear Bush</b>       |                                   |                  |                     |
|                                                                                   | 020162                | 020162L                            |                   | 050194            | 050182                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK1814</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A101R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | MERCEDES              |                  |                           |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | II18356               |                  |                           |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Air                                | 7 kg                  | Side             | Engine Oil                |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK017          | A66RK017A                          | A66RK017B             | A66RK017C        | A66RK017V                 |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113                | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK018                           | A66RK011              | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                         | 220061            | 220128 (Comp)                      |                       |                  | <b>Rear end Cover</b>     |                                   | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                       |                       |                  | <b>Front end Cover</b>    |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140104 (4)        | 140138 (4)                         | 140155 (4)            | 140103 (4)       | 140135 (3)                |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   |                  |                     |
|                                                                                     | 050194            | 050182                             | 020152                |                  | 020152K                   |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK1900</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A048R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 | RENAULT          |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01174433              | 01173859         | 01261951                  | 01261653                          | 01174443         |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Air                                | 8 kg                  | Base             | Engine Oil                |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK009          | A66RK017A                          | A66RK017B             | A66RK017C        | A66RK017V                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113                | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK018                           | A66RK011              | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                       | 220117            | 220125 (Comp)                      |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 | 220071            | 140015 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)       | 140103 (4)                | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>Inserts</b>   | <b>Crankcase</b>    |
|                                                                                   | 050181            | 050182                             | 020161                |                  | 020161K                   |                                   | 050090           | 220122              |

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK1901</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A049R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 | RENAULT          |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01173860              | 01174472         | 01261657                  | 42522671                          | I81089           |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Air                                | 8 kg                  | Base             | Engine Oil                |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK009          | A66RK017A                          | A66RK017B             | A66RK017C        | A66RK017V                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113                | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK018                           | A66RK011              | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                       | 220050            | 220121 (Comp)                      |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 | 220071            | 140015 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220419                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)       | 140103 (4)                | 140155 (4)                        | 140103 (4)       | 140193 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>Inserts</b>   |                     |
|                                                                                   | 050181            | 050182                             | 020161                |                  | 020161K                   |                                   | 050090           |                     |

|                                                                                     |                   |                                    |                       |                  |                           |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|------------------|---------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK1909</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A120R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                 |                  |                           |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01177075              |                  |                           |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non Through       | Air                                | 10 kg                 | Base             | Engine Oil                |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK009          | A66RK017A                          | A66RK017B             | A66RK017C        | A66RK017V                 |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113                | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK018                           | A66RK011              | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                         | 220117            | 220125 (Comp)                      |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220419                            |                  |                     |
| <b>Bolts</b>                                                                        | 140104 (4)        | 140138 (4)                         | 140213 (4)            | 140124 (4)       | 140103 (4)                | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>Inserts</b>   | <b>Crankcase</b>    |
|                                                                                     | 050181            | 050182                             | 020161                |                  | 020161K                   |                                   | 050090           | 220161              |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|------------------|---------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3501</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A027R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO                 |                  |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5003218               | 6795599          | 6772238                   |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 11 kg                 | Flange           | Engine Oil                | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK064          | A66RK064A                          | A66RK064B             | A66RK064C        | A68RK118V                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203           | 020126                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089         | A66RK029                  |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                    |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220140                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140132 (1)                         | 140138 (5)            | 140170 (4)       | 140124 (4)                | 140103 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                   | 050181            | 050182                             | 020165                |                  | 020165K                   |                                   | RM1150-30V       |                     |

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3509</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A074R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 |                  |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 6795599               | 8112248          |                           |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 11 kg                 | Flange           | Engine Oil                | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK064          | A66RK064A                          | A66RK064B             | A66RK064C        |                           |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203           | 020126                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089         | A66RK029                  |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                    |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220140                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140132 (1)                         | 140138 (5)            | 140124 (2)       | 140103 (4)                | 140155 (4)                        | 140103 (4)       | 140170 (4)          |
|                                                                                   | 140098 (2)        | 140184 (2)                         |                       |                  |                           |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    | <b>O Ring</b>       |
|                                                                                   | 050181            | 050182                             | 020165                |                  | 020165K                   |                                   | RM1150-30V       | RM0820-30S          |
|                                                                                   | <b>Gasket</b>     | <b>Gasket</b>                      |                       |                  |                           |                                   |                  |                     |
|                                                                                   | 010154            | 010245                             |                       |                  |                           |                                   |                  |                     |

|                                                                                     |                   |                                    |                       |                  |                           |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|------------------|---------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3515</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A116R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                 |                  |                           |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01180579              | II32224          |                           |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Water                              | 10 kg                 | Flange           | Engine Oil                | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK064          | A66RK064A                          | A66RK064B             | A66RK064C        |                           |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125                | 020203           | 020126                    |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027          | A66RK088                           | A66RK028              | A66RK089         | A66RK029                  |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                    |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220140                            |                  |                     |
| <b>Bolts</b>                                                                        | 140104 (4)        | 140132 (1)                         | 140138 (5)            | 140170 (4)       | 140124 (4)                | 140103 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                     | 050181            | 050182                             | 020165                |                  | 020165K                   |                                   | RM1150-30V       |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3517</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A123R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                 | MERCEDES         |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01180579              | 1313             |                           |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                              | 12 kg                 | Flange           | Engine Oil                | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK064          | A66RK064A                          | A66RK064B             | A66RK064C        |                           |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125                | 020203           | 020126                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027          | A66RK088                           | A66RK028              | A66RK089         | A66RK029                  |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                    |                       |                  | <b>Rear end Cover</b>     | 220359                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220014                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)        | 140132 (1)                         | 140138 (4)            | 140136 (4)       | 140214 (2)                | 140155 (4)                        | 140103 (4)       | 140170 (6)          |
|                                                                                   | 140103 (4)        |                                    |                       |                  |                           |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    | <b>O Ring</b>       |
|                                                                                   | 050181            | 050182                             | 020165                |                  | 020165K                   |                                   | RM0570-30V       | RM1150-30V          |

|                                                                                   |                   |                                    |                   |                  |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3802</b> |                   |                  |                           | <b>MAJORSELL REBUILD: 66A028R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5003219           | 6772239          |                           |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil                | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK018                           | A66RK011          | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220138            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>    | 220140                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140138 (4)                         | 140124 (4)        | 140103 (4)       | 140170 (4)                | 140155 (4)                        | 140103 (4)       | 140184 (3)          |
|                                                                                   | 140183 (1)        |                                    |                   |                  |                           |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    | <b>Gasket</b>       |
|                                                                                   | 050181            | 050182                             | 020152            |                  | 020152K                   |                                   | RM1150-30V       | 010245              |
|                                                                                   | <b>O Ring</b>     |                                    |                   |                  |                           |                                   |                  |                     |
|                                                                                   | RM0820-30S        |                                    |                   |                  |                           |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3810</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A199R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | DAF               |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 0159054           | 159054           | I98499                 | 758944                            | 0758944          |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through           | Water                              | 8 kg              | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK045          | A66RK045A                          | A66RK045B         | A66RK001C        | A66RK045V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK018                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                   | 140019 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (3)        | 140130 (1)                         | 140167 (1)        | 140138 (4)       | 140103 (4)             | 140155 (4)                        | 140176 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Cylinder</b>                    | <b>O Ring</b>     | <b>Gasket</b>    |                        |                                   |                  |                     |
|                                                                                     | 050228            | 020152                             | RM0760-30S        | 010374           |                        |                                   |                  |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------|------------------|---------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3813</b> |                       |                  |                           | <b>MAJORSELL REBUILD: 66A003R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO                 |                  |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 6795600               | 6772239          | 5003219                   |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11 kg                 | Flange           | Engine Oil                | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>        | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK045          | A66RK045A                          | A66RK045B             | A66RK001C        | A66RK045V                 |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113                | 020199           | 020129                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK018                           | A66RK011              | A66RK080         | A66RK015                  |                                   |                  |                     |
| <b>Head</b>                                                                       | 220368            | 220189 (Comp)                      |                       |                  | <b>Rear end Cover</b>     | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220138            | 140016 (Nut)                       |                       |                  | <b>Front end Cover</b>    | 220140                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140131 (1)                         | 140138 (4)            | 140124 (4)       | 140103 (4)                | 140170 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder liner</b> |                  | <b>Liner &amp; piston</b> |                                   | <b>O Ring</b>    | <b>Crankcase</b>    |
|                                                                                   | 050181            | 050182                             | 020152                |                  | 020152K                   |                                   | RM1150-30V       | 220135              |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3826</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A172R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 51541017231       |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through         | Water                              | 9 kg              | Flange           | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020        | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK018                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 | 220903          | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)      | 140132 (1)                         | 140138 (5)        | 140103 (4)       | 140155 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder</b> | <b>Front Bush</b>                  | <b>Liner Seal</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 020152          | 050228                             | RM0820-30S        |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3830</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A154R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 9061302015        | II36423           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                              | 11 kg             | Flange            | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK090          | A66RK090A                          | A66RK090B         | A66RK090C         | A66RK070V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020154            | 020178                             | 020155            |                   | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                           | A66RK050          |                   | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                    |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140138 (4)                         | 140135 (4)        | 140134 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Drive Gear</b>                  | <b>O ring</b>     | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                     | 050267            | 220178                             | RM1200-30V        | 220271            |                        |                                   |                  |                     |

\*Optional valve plate with two reeds - A66RK070V

## KNORR BREMSE LK SERIES

|                                                                                   |                  |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: LK3832</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A066R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                       | VOLVO             | MERCEDES         |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                          | 3761317401        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through          | Water                              |                   | Base             | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020         | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112           | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010         | A66RK018                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096           | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220124           |                                    |                   |                  | <b>Front end Cover</b> | 220123                            |                  |                     |
| <b>Bolts</b>                                                                      |                  |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Crankcase</b> | <b>Front Bush</b>                  | <b>Rear Bush</b>  |                  |                        |                                   |                  |                     |
|                                                                                   | 220135           | 050181                             | 050182            |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                       |                        |                                   |                    |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|-----------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3833</b> |                   |                       |                        | <b>MAJORSELL REBUILD: 66A059R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                       | DAF               | CUMMINS               | LEYLAND                |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                          | 3285923           | 3284791               | CBU2642                |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg             | Flange                | Engine Oil             | M16                               | M26                | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>      | <b>Ess Kit</b>         | <b>Ess Kit</b>                    | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK042          | A66RK042A                          | A66RK042B         | A66RK042C             | A66RK042D              | A66RK042D1                        | A66RK042V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>        | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020154            | 020178                             | 020155            |                       | 020156                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050          |                       | A66RK051               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220520            | 220519 (Comp)                      |                   |                       | <b>Rear end Cover</b>  | 220587                            | <b>Conn Rod</b>    | 220044              |
| <b>Crankshaft</b>                                                                 | 220588            | 140240 (Nut)                       |                   |                       | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      |                   |                                    |                   |                       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Cylinder Liner</b> |                        |                                   |                    |                     |
|                                                                                   | 050186            | 220271                             | RM1000-30V        | 020995                |                        |                                   |                    |                     |

|                                                                                     |                   |                                    |                    |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3834</b> |                    |                  |                        | <b>MAJORSELL REBUILD: 66A071R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | PERKINS            |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 2488A291           | SEB01597         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                              | 10 kg              | Flange           | Engine Oil             | M16                               | M22              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A66RK042          | A66RK042A                          | A66RK042B          | A66RK042C        | A66RK042D1             | A66RK042V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020154            | 020178                             | 020155             |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                           | A66RK050           |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220418            | 220505 (Comp)                      |                    |                  | <b>Rear end Cover</b>  | 220587                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | 220588            | 140141 (Nut)                       |                    |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140138 (4)                         | 140135 (4)         | 140134 (4)       | 140142 (1)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Base Gasket</b> | <b>O Ring</b>    | <b>Cylinder Liner</b>  |                                   |                  |                     |
|                                                                                     | 050186            | 220271                             | 010276             | RM1000-30V       | 020995                 |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                          |                        |                                    |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3835</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A0187R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | PERKINS           |                          |                        |                                    |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 2488A293          | SEB01599                 |                        |                                    |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg             | Flange                   | Engine Oil             | M16                                | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Ess Kit</b>         | <b>Valve Plate</b>                 |                  |                     |
|                                                                                   | A66RK042          | A66RK042A                          | A66RK042B         | A66RK042C                | A66RK042D              | A66RK042V                          |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                    |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155            |                          | 020156                 |                                    |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050          |                          | A66RK051               |                                    |                  |                     |
| <b>Head</b>                                                                       | 220418            | 220505 (Comp)                      |                   |                          | <b>Rear end Cover</b>  | 220587                             | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                       |                   |                          | <b>Front end Cover</b> |                                    |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                         | 140135 (4)        | 140134 (4)               |                        |                                    |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                | <b>Base Plate</b> | <b>Front Flange Seal</b> |                        |                                    |                  |                     |
|                                                                                   | 050186            | 6207                               | 220271            | 010458                   |                        |                                    |                  |                     |

|                                                                                   |                   |                                    |                    |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3836</b> |                    |                  |                        | <b>MAJORSELL REBUILD: 66A072R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | PERKINS            | IVECO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 2488A292           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg              | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B          | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155             |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050           |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220416            | 220506 (Comp)                      |                    |                  | <b>Rear end Cover</b>  | 220587                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                       |                    |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                         | 140135 (4)         | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Base Gasket</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050186            | 220271                             | 010276             | RM1000-30V       | 020995                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                    |                          |                                   |                     |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|--------------------|--------------------------|-----------------------------------|---------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3837</b> |                   |                    |                          | <b>MAJORSELL REBUILD: 66A073R</b> |                     |                     |
|                                                                                     |                   | <b>Users</b>                       | PERKINS           | DAF                |                          |                                   |                     |                     |
|                                                                                     |                   | <b>OE</b>                          | 2488A294          |                    |                          |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                              | 10 kg             | Flange             | Engine Oil               | M16                               | M26                 | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>       | <b>Cooling Plate</b>              |                     |                     |
|                                                                                     | A66RK046          | A66RK046A                          | A66RK046B         | A66RK046C          | A66RK042D                | A66RK046V                         |                     |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>           |                                   |                     |                     |
|                                                                                     | 020154            | 020178                             | 020155            |                    | 020156                   |                                   |                     |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                           | A66RK050          |                    | A66RK051                 |                                   |                     |                     |
| <b>Head</b>                                                                         | 220518            | 220517 (Comp)                      |                   |                    | <b>Rear end Cover</b>    |                                   | <b>Conn Rod</b>     | 220044              |
| <b>Crankshaft</b>                                                                   | 220662            | 140141 (Nut)                       |                   |                    | <b>Front end Cover</b>   |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140138 (4)                         | 140176 (4)        | 140134 (4)         |                          |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                | <b>Base Plate</b> | <b>Base Gasket</b> | <b>Front Flange Seal</b> |                                   | <b>Liner Sleeve</b> |                     |
|                                                                                     | 050186            | 6207                               | 220271            | 010276             | 010458                   |                                   | 020995              |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                    |                          |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|--------------------|--------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3838</b> |                    |                          |                        | <b>MAJORSELL REBUILD: 66A006R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | CUMMINS            | JCB                      | PERKINS                |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 2488A292           | SEB01603                 | 3285089                |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg              | Flange                   | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B          | A66RK046C                | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155             |                          | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050           |                          | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220416            | 220506 (Comp)                      |                    |                          | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140240 (Nut)                       |                    |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                         | 140176 (4)         | 140135 (4)               | 140134 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Base Gasket</b> | <b>Front Flange Seal</b> |                        |                                   |                  |                     |
|                                                                                   | 050186            | 6207                               | 220271             | 010457                   |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                    |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|--------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3875</b> |                    |                  |                        | <b>MAJORSELL REBUILD: 66A191R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | DAF                | CUMMINS          |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 3971519            | K008457          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              |                    | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B          | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155             |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050           |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220516            | 220515 (Comp)                      |                    |                  | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220588            | 140146 (Nut)                       |                    |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                         | 140135 (4)         | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Base Gasket</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                   | 050186            | 220271                             | 010276             | RM1000-30V       | BS110S                 | 020995                            |                  |                     |

\*Left Hand Crankshaft

|                                                                                     |                   |                                             |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|---------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3839 SEB01604</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A021R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                                | CUMMINS           | DAF              |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                   | 3957724           | 1407741          | 1403939                | 1408090                           | 1404355          |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                              | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                                       | 10 kg             | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                             | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK046          | A66RK046A                                   | A66RK046B         | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                              | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020154            | 020178                                      | 020155            |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                                    | A66RK050          |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220499            | 220495 (Comp)                               |                   |                  | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | 220588            | 140240 (Nut)                                |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140138 (4)                                  | 140135 (4)        | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                           | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                     | 050186            | 220271                                      | RM1000-30V        | BS110S           | 020995                 |                                   |                  |                     |

\*Uses Right Hand Threaded Crankshaft 5/8

\*Fitted To LF45 - LF55

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3839 K000853</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A194R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | CUMMINS           | DAF              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 3957724           | 1407741          | 1403939                | 1408090                           | 1404355          |                     |
|                                                                                   |                   |                                            | WITH GEAR 3964687 |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                                      | 10 kg             | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                                  | A66RK046B         | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                                     | 020155            |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                                   | A66RK050          |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220499            | 220495 (Comp)                              | 220516            | 220515 (Comp)    | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220588            | 140146 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                                 | 140135 (4)        | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                          | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050186            | 220271                                     | RM1000-30V        | BS110S           | 020995                 |                                   |                  |                     |

\*Uses Left Hand Threaded Crankshaft M18 Left Hand

\*Fitted To LF45 - LF55

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3840 K002141</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A242R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | PERKINS           | CUMMINS          | IVECO                  |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 4897300           | 504080656        |                        |                                   |                  |                     |
|                                                                                   |                   |                                            |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                                      | 10 kg             | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                                  | A66RK046B         | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                                     | 020155            |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                                   | A66RK050          |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220540            | 220539 (Comp)                              | 220417            | 220450 (Comp)    | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220588            | 140146 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                                 | 140135 (4)        | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                          | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050186            | 220271                                     | RM1000-30V        | BS110S           | 020995                 |                                   |                  |                     |

\*Fitted To Bus - Spr1

|                                                                                     |                   |                                    |                   |                     |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3841</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A020R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             |                     |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 3181132           | 8113829             | 20568592               | 85000433                          | K004640          |                     |
|                                                                                     |                   |                                    |                   |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Non-Through       | Water                              | 11 kg             | Flange              | Engine Oil             | M16                               | M26              | M18                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK046          | A66RK046A                          | A66RK046B         | A66RK046C           | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020154            | 020178                             | 020155            |                     | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                           | A66RK050          |                     | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220298            | 220297 (Comp)                      |                   |                     | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | 220955            | 140146 (Nut)                       |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140103 (4)                         | 140135 (4)        | 140134 (4)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Liner Sleeve</b> | <b>Gasket</b>          |                                   |                  |                     |
|                                                                                     | 050186            | 220271                             | RM1150-30V        | 020995              | 010276                 |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3846</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A005R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | CUMMINS           | MAN              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 3964688           | 3957725          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg             | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B         | A66RK046C        | A66RK046V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155            |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050          |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220499            | 220495 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140240 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140135 (4)                         | 140138 (4)        | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    | <b>Base Plate</b>                 |                  |                     |
|                                                                                   | 050186            | 6207                               | RM1000-30V        | BS110S           | 020995                 | 220271                            |                  |                     |

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3846 K000861</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A193R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                               | CUMMINS           |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                  | 3957725           | 3964688          |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                                      | 10 kg             | Flange           | Engine Oil             | M16                               | M26                  | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                      |                     |
|                                                                                   | A66RK046          | A66RK046A                                  | A66RK046B         | A66RK046C        | A66RK046V              |                                   |                      |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020154            | 020178                                     | 020155            |                  | 020156                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                                   | A66RK050          |                  | A66RK051               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220499            | 220495 (Comp)                              | 220516            | 220515 (Comp)    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220044              |
| <b>Crankshaft</b>                                                                 | 220662            | 140146 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                                 | 140135 (4)        | 140125 (4)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>Gasket</b>    | <b>Liner Sleeve</b>    | <b>O Ring</b>                     | <b>F Flange Seal</b> | <b>O Ring</b>       |
|                                                                                   | 050186            | 6207                                       | 220271            | 010276           | 020995                 | RM0820-30S                        | 010458               | BS110S              |

|                                                                                     |                   |                                    |                     |                  |                        |                                   |                    |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|---------------------|------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3848</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A159R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                       | DAF                 |                  |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                          | K019284             |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                              |                     | Flange           | Engine Oil             | M16                               | M26                | M22                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Ess Kit</b>                    | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK042          | A66RK042A                          | A66RK042B           | A66RK042C        | A66RK042D              | A66RK042D1                        | A66RK042V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020154            | 020178                             | 020155              |                  | 020156                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                           | A66RK050            |                  | A66RK051               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220415            | 220343 (Comp)                      |                     |                  | <b>Rear end Cover</b>  | 220457                            | <b>Conn Rod</b>    | 220044              |
| <b>Crankshaft</b>                                                                   | 220588            | 140146(Nut)                        |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140391 (2)                         |                     |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Base Plate</b> | <b>Front Bush</b>                  | <b>Liner Sleeve</b> |                  |                        |                                   |                    |                     |
|                                                                                     | 220271            | 050186                             | 020995              |                  |                        |                                   |                    |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                     |                     |                          |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3850</b> |                     |                     |                          | <b>MAJORSELL REBUILD: 66A019R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | CUMMINS             | DENNIS              | ERF                      |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 3286430<br>SEB01768 | 3286646             | 3286446                  | 3286449                           | 3286649          | 35003124123         |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>        | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 10 kg               | Flange              | Engine Oil               | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b>    | <b>Valve Plate</b>       | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B           | A66RK046C           | A66RK046V                |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>      | <b>0.75 mm</b>      | <b>1.00 mm</b>           |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155              |                     | 020156                   |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050            |                     | A66RK051                 |                                   |                  |                     |
| <b>Head</b>                                                                       | 220518            | 220517 (Comp)                      |                     |                     | <b>Rear end Cover</b>    |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220662            | 140141 (Nut)                       |                     |                     | <b>Front end Cover</b>   |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                         | 140176 (4)          | 140134 (4)          |                          |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Base Plate</b>   | <b>Liner Sleeve</b> | <b>Front Flange Seal</b> |                                   |                  |                     |
|                                                                                   | 050186            | 6207                               | 220271              | 020995              | 010458                   |                                   |                  |                     |

|                                                                                   |                   |                                            |                   |                  |                          |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3859 K000854</b> |                   |                  |                          | <b>MAJORSELL REBUILD: 66A184R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | CUMMINS           | DAF              |                          |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 3899461           | K000854          |                          |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                                      | 10 kg             | Flange           | Engine Oil               | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>       | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                                  | A66RK046B         | A66RK046C        | A66RK046V                |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>           |                                   |                  |                     |
|                                                                                   | 020154            | 020178                                     | 020155            |                  | 020156                   |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                                   | A66RK050          |                  | A66RK051                 |                                   |                  |                     |
| <b>Head</b>                                                                       | 220416            | 220506 (Comp)                              |                   |                  | <b>Rear end Cover</b>    | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220588(L/H)       | 140146 (Nut)                               |                   |                  | <b>Front end Cover</b>   |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140138 (4)                                 | 140135 (4)        | 140134 (4)       |                          |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                          | <b>Gasket</b>     | <b>O Ring</b>    | <b>Front Flange Seal</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                   | 050186            | 220271                                     | 010276            | RM0820-30S       | 010458                   |                                   | BS110S           |                     |

|                                                                                     |                   |                                             |                   |                  |                          |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3859 SEB01841</b> |                   |                  |                          | <b>MAJORSELL REBUILD: 66A023R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                                | CUMMINS           | DAF              |                          |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                   | 3957726           | 3964689          |                          |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                              | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                               | Through           | Water                                       | 10 kg             | Flange           | Engine Oil               | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                             | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>       | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK046          | A66RK046A                                   | A66RK046B         | A66RK046C        | A66RK046V                |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                              | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>           |                                   |                  |                     |
|                                                                                     | 020154            | 020178                                      | 020155            |                  | 020156                   |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK049          | A66RK085                                    | A66RK050          |                  | A66RK051                 |                                   |                  |                     |
| <b>Head</b>                                                                         | 220416            | 220506 (Comp)                               |                   |                  | <b>Rear end Cover</b>    | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | 220588(R/H)       | 140240 (Nut)                                |                   |                  | <b>Front end Cover</b>   |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140138 (4)                                  | 140135 (4)        | 140134 (4)       |                          |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                           | <b>Gasket</b>     | <b>O Ring</b>    | <b>Front Flange Seal</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                     | 050186            | 220271                                      | 010276            | RM0820-30S       | 010458                   |                                   | BS110S           |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3866</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A144R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | DEUTZ             | IVECO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 04294781          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK046          | A66RK046A                          | A66RK046B         | A66RK046C        | A66RK070V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155            |                  | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050          |                  | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220503            | 220538 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140120 (4)        | 140138 (4)                         | 140135 (4)        | 140134 (4)       | 140214 (2)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>Gasket</b>                      | <b>O Ring</b>     | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 220271            | 010276                             | RM1200-30V        | RM0820-30S       |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                     |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3869</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A126R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | RVI               |                     |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 04905010          |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Through           | Water                              | 11 kg             | Flange              | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK070          | A66RK070A                          | A66RK070B         | A66RK046C           | A66RK070V              | A66RK070CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020154            | 020178                             | 020155            |                     | 020156                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK049          | A66RK085                           | A66RK050          |                     | A66RK051               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220503            | 220502 (Comp)                      |                   |                     | <b>Rear end Cover</b>  | 220457                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220657            | 140016 (Nut)                       |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140138 (4)                         | 140135 (4)        | 140134 (4)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Liner Sleeve</b> | <b>Cover Seal</b>      | <b>Sump Gasket</b>                |                  |                     |
|                                                                                   | 050262            | 220271                             | RM1200-30V        | 020995              | RM0820-30S             | 010276                            |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3902</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A112R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 01177293          | 01174288         | 01173855               |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 12 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   | 220447            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (4)        | 140138 (4)                         | 140176 (6)        | 140124 (4)       | 140103 (4)             | 140155 (4)                        | 140103 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>O Ring</b>    | <b>Inserts</b>         |                                   |                  |                     |
|                                                                                     | 050181            | 050182                             | 020161            | RM1150-30V       | 050090                 |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                              |                        |                                    |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3904</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A0114R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                              |                        |                                    |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01174474          | 01173720                     | 42522673               |                                    |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Non-Through       | Water                              | 10 kg             | Base                         | Engine Oil             | M14                                | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>               |                  |                     |
|                                                                                   | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C                    | A66RK020V              |                                    |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                    |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199                       | 020129                 |                                    |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080                     | A66RK015               |                                    |                  |                     |
| <b>Head</b>                                                                       | 220096            | 220106 (Comp)                      |                   |                              | <b>Rear end Cover</b>  | 220139                             | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                       |                   |                              | <b>Front end Cover</b> | 220419                             |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (2)        | 140132 (1)                         | 140138 (4)        | 140198 (4)                   | 140124 (4)             | 140103 (4)                         | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>Cylinder &amp; Piston</b> |                        | <b>Inserts</b>                     | <b>Oil Seal</b>  |                     |
|                                                                                   | 050181            | 050182                             | 020161            | 020161K                      |                        | 050090                             | 110036           |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3908</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A115R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01177290          | 01173793         | 1147519                |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 13 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)       | 140124 (4)             | 140103 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>O Ring</b>    | <b>O Ring</b>          | <b>Inserts</b>                    |                  |                     |
|                                                                                   | 050181            | 050182                             | 020161            | RM1150-30V       | RM0100-30S             | 050090                            |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3910</b> |                   |                  |                              | <b>MAJORSELL REBUILD: 66A155R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | LEYLAND           | DAF              |                              |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | HAJ9860           |                  |                              |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil                   | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>ZB4275 Head Kit</b>            |                  |                     |
|                                                                                     | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V                    | A66RK020H                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                       |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015                     |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>        | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>       |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)       | 140124 (4)                   | 140103 (4)                        | 140155 (4)       | 140138 (4)          |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Cylinder</b>  | <b>Cylinder &amp; piston</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                     | 050181            | 050182                             | 050090 (2)        | 020161           | 020161K                      |                                   | RM1180-30V       |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3914</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A118R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             | MAN              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01177287          | 01175556         | 51541017192            |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 13 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220359                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140212 (6)       | 140135 (4)             | 140103 (4)                        | 140155 (4)       | 140184 (2)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Cylinder</b>  | <b>O Ring</b>          | <b>Crankcase</b>                  |                  |                     |
|                                                                                   | 050181            | 050182                             | 050090            | 020169L          | RM1150-30V             | 220143                            |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3930</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A007R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN               | VOLVO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1628592           | 8112583          | 51541017217            |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil             | M16                               | M18              | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220592            | 220238 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220221            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> | 220220                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)       | 140124 (4)             | 140103 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>O Ring</b>    | <b>Crankcase</b>       |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | 020170            | RM1250-30V       | 220947                 |                                   |                  |                     |

\* Fitted to FH12, F16, FH16

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3933</b> |                   |                  |                              | <b>MAJORSELL REBUILD: 66A127R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO             |                  |                              |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 1179342           |                  |                              |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through           | Water                              | 13 kg             | Flange           | Engine Oil                   | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V                    |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                       |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015                     |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>        |                                   | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>       |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)       | 140135 (4)                   | 140155 (4)                        | 140138 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Cylinder</b>  | <b>Cylinder &amp; piston</b> |                                   | <b>O Ring</b>    | <b>O Ring</b>       |
|                                                                                     | 050181            | 050182                             | 050090            | 020161           | 020161K                      |                                   | RM1180-30V       | RM0100-30S          |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                              |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3941</b> |                   |                  |                              | <b>MAJORSELL REBUILD: 66A119R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                              |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1179584           |                  |                              |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Oil                                | 17 kg             | Flange           | Engine Oil                   | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK020          | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V                    |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                       |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015                     |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>        | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>       |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (5)        | 1402170 (6)      | 140155 (4)                   | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Cylinder</b>  | <b>Cylinder &amp; piston</b> |                                   | <b>O Ring</b>    | <b>O Ring</b>       |
|                                                                                   | 050181            | 050182                             | 050090            | 020161           | 020161K                      |                                   | RM1180-30V       | RM0100-30S          |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3943</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 10 kg             | Flange           | Engine Oil             | M22                       | M22              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   |                 | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder</b> | <b>Cylinder &amp; piston</b>       |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020161          | 020161K                            |                   |                  |                        |                           |                  |                     |

|                                                                                     |                 |                                    |                   |                   |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3944</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A171R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | MAN               |                   |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 51541017214       | II16412           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through     | Water                              | 10 kg             | Flange            | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     |                 | A66RK020A                          | A66RK020B         | A66RK001C         | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199            | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080          | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096          | 220106 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   | 220091          |                                    |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Cylinder</b> | <b>Cylinder &amp; piston</b>       |                   | <b>Front Bush</b> |                        |                                   |                  |                     |
|                                                                                     | 020161          | 020161K                            |                   | 050228            |                        |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                              |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3947</b> |                   |                  |                              | <b>MAJORSELL REBUILD: 66A121R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                              |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 04261512          | 04220867         |                              |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11.5 kg           | Flange           | Engine Oil                   | M16                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1                   | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                       |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015                     |                                   |                  |                     |
| <b>Head</b>                                                                       | 220592            | 220238 (Comp)                      |                   |                  | <b>Rear end Cover</b>        | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220792            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>       |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (5)        | 140170 (6)       | 140155 (4)                   | 140103 (4)                        | 140135 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>O Ring</b>     | <b>Cylinder</b>  | <b>Cylinder &amp; piston</b> |                                   | <b>O Ring</b>    |                     |
|                                                                                   | 050181            | 050182                             | RM0570-30V        | 020170           | 020170K                      |                                   | RM1250-30V       |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3950</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 81541146019       | 51541017216      |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 10 kg             | Flange           | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK020        | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder</b> | <b>Cylinder &amp; piston</b>       |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020161          | 020161K                            |                   |                  |                        |                           |                  |                     |

\* Fits L2000, M2000

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3953</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A224R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       |                   |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | II18215           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through         | Water                              | 10 kg             | Base             | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK020        | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220359                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   | 220071          | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> | 220419                            |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (4)      | 140132 (1)                         | 140138 (5)        | 140213 (4)       | 140155 (4)             | 140103 (4)                        | 140136 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Cylinder</b> | <b>Crankcase</b>                   | <b>Front Bush</b> | <b>Rear Bush</b> | <b>Inserts</b>         |                                   |                  |                     |
|                                                                                     | 020161          | 220122                             | 050181            | 050182           | 050090                 |                                   |                  |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3954</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 51541017217       | 1118602          |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through         | Water                              | 10 kg             | Base             | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   |                 | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220096 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder</b> | <b>Cylinder &amp; piston</b>       |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020161          | 020161K                            |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3959</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A125R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 04222619          | 04261513         | 04223949               |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 11 kg             | Flange           | Engine Oil             | M16                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220186            | 220142 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 1402170 (6)      | 140155 (4)             | 140103 (4)                        | 140135 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>O Ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | RM0820-30S        | RM1200-35V       | RM940-30S              |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                              |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LK3963</b> |                   |                              |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       |                   |                              |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                          |                   |                              |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through     | Water                              | 10 kg             | Base                         | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     |                 | A66RK020A                          |                   | A66RK001C                    | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199                       | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080                     | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                         | 220096          | 220106 (Comp)                      |                   |                              | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   | 220090          |                                    |                   |                              | <b>Front end Cover</b> | 220134                    |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                              |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Inserts</b>  | <b>Crankcase</b>                   | <b>Cylinder</b>   | <b>Cylinder &amp; piston</b> |                        |                           |                  |                     |
|                                                                                     | 050215          | 220135                             | 020161            | 020161K                      |                        |                           |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LK3965</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A064R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 01180656          |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through         | Water                              | 12 kg             | Flange            | Engine Oil             | M16                               | M30              | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK047        | A66RK047A                          | A66RK047B         | A66RK047C         | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199            | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080          | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220186          | 220142 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220359                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 | 220360          | 140016 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)      | 140132 (1)                         | 140138 (4)        | 1402170 (6)       | 140155 (4)             | 140103 (4)                        | 140135 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder</b> | <b>O Ring</b>                      | <b>Crankcase</b>  | <b>Front bush</b> | <b>Rear Bush</b>       | <b>Inserts</b>                    | <b>O Ring</b>    | <b>O Ring</b>       |
|                                                                                   | 020170          | RM940-30S                          | 220143            | 050181            | 050182                 | 050090                            | RM0820-30S       | RM1180-30V          |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3966</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A117R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01180581          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 12 kg             | Flange           | Engine Oil             | M16                               | M30              | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220186            | 220142 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 | 220360            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 1402170 (6)      | 140155 (4)             | 140103 (4)                        | 140193 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Insert</b>     | <b>Cylinder</b>  | <b>O Ring</b>          | <b>O Ring</b>                     | <b>O Ring</b>    | <b>Crankcase</b>    |
|                                                                                   | 050181            | 050182                             | 050090            | 020170           | RM0940-30S             | RM1200-35V                        | RM0820-30S       | 220143              |

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3970</b> |                   |                  |                              | <b>MAJORSELL REBUILD: 66A236R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | SCANIA            |                  |                              |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 1386866           | II33509          |                              |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil                   | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK045          | A66RK045A                          | A66RK045B         | A66RK001C        | A66RK045V                    |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                       |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015                     |                                   |                  |                     |
| <b>Head</b>                                                                         | 220368            | 220189 (Comp)                      |                   |                  | <b>Rear end Cover</b>        | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   | 220221            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b>       | 220642                            |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140132 (1)                         | 140138 (5)        | 140170 (6)       | 140155 (4)                   | 140103 (4)                        | 140124 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                  | <b>Front bush</b> | <b>Rear Bush</b>                   | <b>Crankcase</b>  | <b>Cylinder</b>  | <b>Cylinder &amp; Piston</b> |                                   |                  |                     |
|                                                                                     | 050181            | 050182                             | 220143            | 020161           | 020161K                      |                                   |                  |                     |

## KNORR BREMSE LK SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LK3975</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A298R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11.5 kg           | Flange           | Engine Oil             | M14                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220592            | 220238 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220792            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> | 220949                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (5)        | 140170 (6)       | 140124 (2)             | 140103 (4)                        | 140135 (4)       | 140155 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>O Ring</b>     | <b>Cylinder</b>  | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | RM0570-30V        | 020161           | RM1200-35V             |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LK3978</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 51541017245       |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 10 kg             | Base             | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   |                 | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |
|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3980</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A170R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | MAN               |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 51541017247       | 81541017247      | II36925                | 51541007087                       | K015948          | K0012401            |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through           | Water                              | 10 kg             | Flange           | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK105          | A66RK105A                          | A66RK105B         | A66RK105C        | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220092                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                   | 220783            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (4)        | 140132 (1)                         | 140138 (5)        | 1402176 (3)      | 140138 (3)             | 140103 (4)                        | 140155 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Cylinder</b>   | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                     | 050228            | 050090                             | 020161            | RM0820-30S       | RM0940-30S             |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3982</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A091R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 3987601           | 20429337         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil             | M16                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK047          | A66RK047A                          | A66RK047B         | A66RK047C        | A66RK005D1             | A66RK047V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220592            | 220238 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)       | 140155 (4)             | 140103 (4)                        | 140124 (4)       | 140148 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>O Ring</b>    | <b>Crankcase</b>       |                                   |                  |                     |
|                                                                                   | 050181            | 050182                             | 020170            | RM1250-30V       | 220947                 |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                              |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK3986</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A160R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 20429341          | 85000067                     | 8122459                | 8113406                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange                       | Engine Oil             | M16                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK045          | A66RK045A                          | A66RK045B         | A66RK001C                    | A66RK045V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199                       | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080                     | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220592            | 220763 (Comp)                      |                   |                              | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220221            | 140016 (Nut)                       |                   |                              | <b>Front end Cover</b> | 220220                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                         | 140138 (4)        | 140170 (6)                   | 140155 (4)             | 140103 (4)                        | 140124 (4)       | 140138 (4)          |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>Cylinder &amp; Piston</b> |                        | <b>Crankcase</b>                  | <b>O Ring</b>    |                     |
|                                                                                   | 050181            | 050182                             | 020161            | 020161K                      |                        | 220947                            | RM1250-30V       |                     |

|                                                                                     |                   |                                    |                          |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|--------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK3994</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 66A068R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | CUMMINS                  | IVECO            |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 4897301                  | 504016818        | SEB01842               | 04016818                          | SEB01580         | SEB01842000         |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                               | Through           | Oil                                | 11 kg                    | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK058          | A66RK058A                          | A66RK058B                | A66RK058C        | A66RK065V              | A66RK058CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020158            | 020182                             | 020159                   | 020207           | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK060          | A66RK086                           | A66RK061                 | A66RK087         | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220524            | 220523 (Comp)                      |                          |                  | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | L/H               | 140146 (Nut)                       |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (4)        | 140138 (4)                         | 140135 (4)               | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Front Flange Seal</b> |                  | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                     | 050186            | 220271                             | 010458                   |                  | BS110S                 | 020997                            |                  |                     |

\* SEB22532 - use A66RK058

\* 5008558 - use A66RK058A

## KNORR BREMSE LK SERIES

|                                                                                   |                       |                                    |                                    |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|------------------------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK4909</b> |                                    |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | MAN                                |                  |                        |                           |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 51541017215                        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>                      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through               | Water                              | 18 kg                              | Flange           | Engine Oil             | M16                       | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b>                  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK057              | A66RK057A                          | A66RK057B                          | A66RK057C        | A66RK057V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>                     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112                | 020181                             | 020113                             | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010              | A66RK079                           | A66RK011                           | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       |                       |                                    |                                    |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                       |                                    |                                    |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                    |                                    |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> |                                    | <b>Cylinder Liner &amp; Piston</b> |                  | <b>Front Bush</b>      | <b>Rear Bush</b>          |                  |                     |
|                                                                                   | 020209L               |                                    | 020209                             |                  | 050272 (2)             | 050208                    |                  |                     |

|                                                                                   |                       |                                    |                                    |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------------|------------------------------------|------------------------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                       | <b>MAJORSELL PARTS FOR: LK4910</b> |                                    |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | MAN                                |                  |                        |                           |                  |                     |
|                                                                                   |                       | <b>OE</b>                          |                                    |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>                      | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through               | Water                              | 18 kg                              | Flange           | Engine Oil             | M16                       | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b>                  | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK057              | A66RK057A                          | A66RK057B                          | A66RK057C        | A66RK057V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>                     | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020112                | 020181                             | 020113                             | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK010              | A66RK079                           | A66RK011                           | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                       | 220291                | 220290 (Comp)                      |                                    |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                       |                                    |                                    |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                       |                                    |                                    |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Cylinder Liner</b> |                                    | <b>Cylinder Liner &amp; Piston</b> |                  | <b>Front Bush</b>      | <b>Rear Bush</b>          |                  |                     |
|                                                                                   | 020209L               |                                    | 020209                             |                  | 050272 (2)             | 050208                    |                  |                     |

|                                                                                     |                   |                                    |                   |                                    |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4913</b> |                   |                                    |                        | <b>MAJORSELL REBUILD: 66A105R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | MAN               |                                    |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 51541017235       | 51541019215                        | 51541017243            |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through           | Water                              | 17 kg             | Flange                             | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>                   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK057          | A66RK057A                          | A66RK057B         | A66RK057C                          | A66RK057V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>                     | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199                             | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080                           | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220291            | 220290 (Comp)                      |                   |                                    | <b>Rear end Cover</b>  | 220358                            | <b>Conn Rod</b>  | 220014 (2)          |
| <b>Crankshaft</b>                                                                   | 220211            |                                    |                   |                                    | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (8)        | 140132 (2)                         | 140138 (8)        | 140127 (4)                         | 140138 (4)             | 140103 (8)                        | 140155 (8)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Front Bush</b>                  | <b>Drive Gear</b> | <b>Cylinder Liner &amp; Piston</b> |                        | <b>O Ring</b>                     | <b>Rear Bush</b> |                     |
|                                                                                     | 050272            | 050272                             | 220485            | 020209 (2)                         |                        | RM0760-30S                        | 050208           |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                     |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4918</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A088R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO               | IVECO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8113565<br>70305889 | 70303443         | 70330001               | II38779                           | LP4993           | 8113633             |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg               | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B           | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113              | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011            | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                     |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220159            | 140016 (Nut)                       |                     |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)          | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b>   | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050186            | 050215                             | 220153              | 010259           | RM1150-30V             |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4919</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A146R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | K000231           | 70330002         | 85000081               | 70305890                          | 8113815          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220216            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140135 (4)       | 140134 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Rear Bush</b> | <b>Oil Seal</b>        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1150-30V        | 050186           | 110041                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK4920</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A080R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 70330003          | 70305891         | 8113816                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220217            | 220565 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                   | 220214            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140197 (8)       | 140124 (1)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                     | 050186            | 220153 (2)                         | RM1250-30V        |                  |                        |                                   |                  |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4921</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A087R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8113634           | 70305892         | 850000083              |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220159            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Gasket</b>    |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1150-30V        | 010259 (2)       |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4927</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A122R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             | DEUTZ            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 04227086          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220159            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140197 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1200-30V        |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                     |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4930</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A069R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             |                     |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                          | 1537794           | 1745702             |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 92 mm                                                                               | Through           | Water                              | 20 kg             | Flange              | Engine Oil             | M16                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A66RK066          | A66RK066A                          | A66RK066B         | A66RK066C           | A66RK066D              | A66RK066V                         | A66RK066CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020158            | 020182                             | 020159            | 010207              | 020160                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A66RK060          | A66RK086                           | A66RK061          | A66RK087            | A66RK062               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220427            | 220428 (Comp)                      |                   |                     | <b>Rear end Cover</b>  | 220429                            | <b>Conn Rod</b>      | 220481              |
| <b>Crankshaft</b>                                                                   | 220426            | 140133 (Pin)                       |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140131 (2)        | 140140 (6)                         | 140135 (4)        | 140134 (8)          | 140138 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>Liner Sleeve</b> |                        |                                   |                      |                     |
|                                                                                     | 050267            | 220271                             | RM1180-30V        | 020991              |                        |                                   |                      |                     |

## KNORR BREMSE LK SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LK4931</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A103R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN               | BUS              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 51541009029       | 51541007029      | 51541007015            |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 17 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK057          | A66RK057A                          | A66RK057B         | A66RK057C        | A66RK057V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220291            | 220290 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220358                            | <b>Conn Rod</b>  | 220014 (2)          |
| <b>Crankshaft</b>                                                                 | 220211            |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (8)        | 140132 (2)                         | 140138 (8)        | 140127 (4)       | 140138 (4)             | 140103 (8)                        | 140155 (8)       |                     |
| <b>Other Parts</b>                                                                | Front Bush & Rear |                                    | Cylinder & piston |                  | O Ring                 | Drive Gear                        | O Ring           | O Ring              |
|                                                                                   | 050272 (2)        |                                    | 020209 (2)        |                  | RM0760-30S             | 220485                            | RM0820-30S       | RM0150-20S          |
|                                                                                   | <b>O Ring</b>     | <b>Drive Gear</b>                  | <b>Rear Bush</b>  |                  |                        |                                   |                  |                     |
|                                                                                   | RM0940-30S        | 220716                             | 050208            |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4932</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A174R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN               | BUS              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 51541007041       |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 17 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK057          | A66RK057A                          | A66RK057B         | A66RK057C        | A66RK057V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220291            | 220290 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220484                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                   |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>Rear Bush</b> |                        |                                   |                  |                     |
|                                                                                   | 050267 (2)        | 050264                             | 020209            | 050250           |                        |                                   |                  |                     |

|                                                                                     |                   |                                            |                   |                     |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4935 K000839</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A200R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                               | IVECO             |                     |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                  | 504055169         | 504079463           | K002123                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                      | 17 kg             | Flange              | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C           | A68RK115D              | A68RK115V1                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127            | 020180                                     | 020128            | 020188              | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                   | A66RK032          | A66RK082            | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220350            | 220449 (Comp)                              |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                               |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140125 (8)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                          | <b>O Ring</b>     | <b>Liner Sleeve</b> |                        |                                   |                  |                     |
|                                                                                     | 050269            | 220097 (2)                                 | RM1250-30V        | 020996              |                        |                                   |                  |                     |

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|  |                   | <b>MAJORSELL PARTS FOR: LK4935 K002123000</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A098R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                                  | IVECO             |                     |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                     | 504055169         | 504079463           | K002123                |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                         | 17 kg             | Flange              | Engine Oil             | M18                               | M26                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Ess Kit</b>                    | <b>Valve Plate</b> |                     |
|                                                                                   | A68RK115          | A68RK115A                                     | A68RK115B         | A68RK115C           | A68RK115D              | A68RK115D1                        | A68RK115V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020127            | 020180                                        | 020128            | 020188              | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                      | A66RK032          | A66RK082            | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                       |                   | 140015 (Nut)                                  |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    | 220044 (2)          |
| <b>Crankshaft</b>                                                                 |                   |                                               |                   |                     | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140125 (8)          |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                             | <b>O Ring</b>     | <b>Liner Sleeve</b> |                        |                                   |                    |                     |
|                                                                                   | 050269            | 220097 (2)                                    | RM1250-30V        | 020996              |                        |                                   |                    |                     |

|                                                                                   |                   |                                               |                   |                     |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4936 K022263N00</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A208R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                                  | IVECO             |                     |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                     |                   |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                         | 17 kg             | Flange              | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK092          | A66RK092A                                     | A66RK092B         | A66RK092C           | A66RK092D              | A66RK092V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                        | 020128            | 020188              | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                      | A66RK032          | A66RK082            | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   | 220976 (Cover)                                |                   |                     | <b>Rear end Cover</b>  | 220451                            | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 | 220673            | 140146 (Nut)                                  |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140125 (8)          | 140320 (1)             | 140328 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                              | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          | <b>Gasket</b>                     |                  |                     |
|                                                                                   | 050205            | 050217                                        | 220097 (2)        | 020996              | RM1250-30V             | 050265                            |                  |                     |

|                                                                                     |                   |                                               |                   |                     |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK4936 K001126000</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A104R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                                  | IVECO             | RVI                 |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                     | 41211340          |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                         | 17 kg             | Flange              | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A68RK115          | A68RK115A                                     | A68RK115B         | A68RK115C           | A68RK115D              | A68RK115V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127            | 020180                                        | 020128            | 020188              | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032          | A66RK082            | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220351            | 220452 (Comp)                                 |                   |                     | <b>Rear end Cover</b>  | 220451                            | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                   | 220448            | 140015 (Nut)                                  |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140125 (8)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                              | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          | <b>Gasket</b>                     |                  |                     |
|                                                                                     | 050269            | 050217                                        | 220097 (2)        | 020996              | RM1250-30V             | 050265                            |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                               |                   |                     |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4959 K022263N00</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A208R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                                  | IVECO             |                     |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                     | II16243           |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                         | 17 kg             | Flange              | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                                     | A68RK115B         | A68RK115C           | A68RK115D              | A68RK115V1                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                        | 020128            | 020188              | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                      | A66RK032          | A66RK082            | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220384            | 220383 (Comp)                                 |                   |                     | <b>Rear end Cover</b>  | 220451                            | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140146 (Nut)                                  |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140125 (8)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                              | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050205            | 050217                                        | 220097 (2)        | 020996              | RM1250-30V             |                                   |                  |                     |

|                                                                                   |                   |                                              |                          |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4937 K00112700</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 66A212R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                                 | IVECO                    | CUMMINS          |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                    | 504079463                | 504080658        | K031852N00             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                               | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                        | 18 kg                    | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                              | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                                    | A68RK115B                | A68RK115C        | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                               | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                       | 020128                   | 020188           | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                     | A66RK032                 | A66RK082         | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220584            | 220583 (Comp)                                |                          |                  | <b>Rear end Cover</b>  | 220786                            | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 | 220307            | 140146 (Nut)                                 |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                   | 140135 (4)               | 140198 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                                | <b>Front Flange Seal</b> |                  | <b>Liner Sleeve</b>    | <b>Base Plate</b>                 |                  |                     |
|                                                                                   | 050269            | RM0100-25V                                   | 010458                   |                  | 020996                 | 220097 (2)                        |                  |                     |

|                                                                                     |                   |                                               |                          |                          |                        |                                   |                     |                     |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------|--------------------------|--------------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LK4937 K031852N00</b> |                          |                          |                        | <b>MAJORSELL REBUILD: 66A213R</b> |                     |                     |
|                                                                                     |                   | <b>Users</b>                                  | IVECO                    | CUMMINS                  |                        |                                   |                     |                     |
|                                                                                     |                   | <b>OE</b>                                     | K00112700                | 504293718                |                        |                                   |                     |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>            | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                         | 17 kg                    | Flange                   | Engine Oil             | M18                               | M18                 | M18                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b>        | <b>Valve Kit</b>         | <b>Valve Plate</b>     |                                   |                     |                     |
|                                                                                     | A66RK092          | A66RK092A                                     | A66RK092B                | A66RK092C                | A66RK092V1             |                                   |                     |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>           | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                     | 020127            | 020180                                        | 020128                   | 020188                   | 020164                 |                                   |                     |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032                 | A66RK082                 | A66RK068               |                                   |                     |                     |
| <b>Head</b>                                                                         | 220661            | 220660 (Comp)                                 | 220977                   |                          | <b>Rear end Cover</b>  | 220786                            | <b>Conn Rod</b>     | 220044 (2)          |
| <b>Crankshaft</b>                                                                   | 220307            | 140146 (Nut)                                  |                          |                          | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140135 (4)                                    | 140197 (8)               |                          |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                             | <b>Front Flange Seal</b> | <b>Front Flange Ring</b> | <b>Thrust Washer</b>   | <b>Seal</b>                       | <b>Liner Sleeve</b> |                     |
|                                                                                     | 050269            | 220097 (2)                                    | 010458                   | RM0093-24V               | 050265                 | BS642V                            | 020996              |                     |

## KNORR BREMSE LK SERIES

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|  |                  | <b>MAJORSELL PARTS FOR: LK4939</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A175R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                       | MAN               |                              |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                          | 51541007069       |                              |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through          | Water                              | 17 kg             | Flange                       | Engine Oil             | M16                               |                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK057         | A66RK057A                          | A66RK057B         | A66RK057C                    | A66RK057V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112           | 020181                             | 020113            | 020199                       | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010         | A66RK079                           | A66RK011          | A66RK080                     | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220291           | 220290 (Comp)                      |                   |                              | <b>Rear end Cover</b>  | 220484                            | <b>Conn Rod</b>  | 220014 (2)          |
| <b>Crankshaft</b>                                                                 | 220483           |                                    |                   |                              | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (8)       | 140132 (2)                         | 140138 (10)       | 140136 (4)                   | 140155 (8)             | 140103 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Front Bush</b>                  | <b>Drive Gear</b> | <b>Cylinder &amp; piston</b> |                        | <b>O Ring</b>                     | <b>O Ring</b>    |                     |
|                                                                                   | 050250           | 050267 (2)                         | 220492            | 020209 (2)                   |                        | RM0760-30S                        | BS111            |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4941</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A085R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                          | 1512834           | 1541705          | 1513834                |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 22 kg             | Flange           | Engine Oil             | M18                               | M26                  | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK069          | A66RK069A                          | A66RK005B         | A66RK069C        | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220185            | 220240 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220213                            | <b>Conn Rod</b>      | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220302            | 140133 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140138 (8)                         | 140132 (2)        | 140127 (4)       | 140134 (4)             | 140105 (8)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          | <b>Crankcase</b>                  | <b>Flange Seal</b>   |                     |
|                                                                                   | 050267 (2)        | 220153                             | RM1150-30V        | 160114           | RM0820-30S             | 220266                            | 160129               |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4944</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A078R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                       |                   |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                          |                   |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 92 mm                                                                               | Through           | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A66RK066          | A66RK066A                          | A66RK066B         | A66RK066C        | A66RK066D              | A66RK066V                         | A66RK066CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020158            | 020182                             | 020159            | 020207           | 020160                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A66RK060          | A66RK086                           | A66RK061          | A66RK087         | A66RK062               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220634            | 220633 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220636                            | <b>Conn Rod</b>      | 220481 (2)          |
| <b>Crankshaft</b>                                                                   | 220635            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140131 (2)                         | 140138 (8)        | 140135 (4)       | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Gasket</b>     | <b>O Ring</b>    | <b>O Ring</b>          | <b>O Ring</b>                     | <b>Safety Valve</b>  | <b>Liner Sleeve</b> |
|                                                                                     | 050267            | 220271 (2)                         | 010276            | RM0820-30S       | RM1180-30V             | 160114                            | 230042               | 020991              |

## KNORR BREMSE LK SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LK4948</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | SCANIA            |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1767157           |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
|                                                                                   |                   |                                    |                   |                  |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK073          | A66RK073A                          | A66RK073B         | A66RK073C        | A66RK066D              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020127            | 020180                             | 020128            | 020188           | 020164                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                           | A66RK032          | A66RK082         | A66RK068               |                           |                  |                     |
| <b>Head</b>                                                                       |                   |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> |                                    |                   |                  |                        |                           |                  |                     |
|                                                                                   | 050275            |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4949 K009580</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A195R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                               |                   |                  |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                  | K00958            | K53603           |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                             | Non-Through       | Water                                      | 22 kg             | Flange           | Engine Oil             | Manifold                          | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK075          | A66RK075A                                  | A66RK075B         | A66RK075C        | A66RK066D              | A66RK075CP                        | A66RK075V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188           | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082         | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220423            | 220424 (Comp)                              |                   |                  | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220693            | 140133 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140128 (2)                                 | 140138 (8)        | 140391 (4)       | 140124 (4)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Sump Cover</b>                          | <b>O Ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          | <b>Drive Gear</b>                 | <b>Drive Gear</b>  | <b>Plug</b>         |
|                                                                                   | 050267            | 220471 (2)                                 | 160114            | RM1350-30V       | RM0820-30S             | 220978                            | 220850             | 140177              |

|                                                                                     |                   |                                               |                     |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4951 K024410N00</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A253R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                                  | SCANIA              |                  |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                     | 1880194             | 2024413          |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                         | 22 kg               | Flange           | Engine Oil             | Manifold                          | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK075          | A66RK075A                                     | A66RK075B           | A66RK075C        | A66RK066D (2)          | A66RK075CP                        | A66RK075V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020127            | 020180                                        | 020128              | 020188           | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032            | A66RK082         | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220423            | 220424 (Comp)                                 |                     |                  | <b>Rear end Cover</b>  | 220683                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                   | 220421            | 140133 (Nut)                                  |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140124 (3)                                    | 140128 (2)          | 140391 (2)       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Sump Cover</b>                             | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               | <b>Drive Gear</b>  | <b>O Ring</b>       |
|                                                                                     | 050267            | 220471 (2)                                    | 020990 (2)          | 160114           | RM1150-30V             | 020990                            | 220422             | RM1150-30V          |



## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                            |                     |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4951 K009581</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A196R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                               | SCANIA              |                  |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                  | 1767161             |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                             | Non-Through       | Water                                      | 22 kg               | Flange           | Engine Oil             | Manifold                          | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK075          | A66RK075A                                  | A66RK075B           | A66RK075C        | A66RK066D              | A66RK075CP                        | A66RK075V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020127            | 020180                                     | 020128              | 020188           | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032            | A66RK082         | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220423            | 220424 (Comp)                              |                     |                  | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220421            | 140133 (Nut)                               |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140140 (8)        | 140124 (3)                                 | 140128 (2)          | 140391 (4)       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Sump Cover</b>                          | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                    |                     |
|                                                                                   | 050267            | 220471 (2)                                 | 020990              | 160114           | RM1150-30V             | 020990                            |                    |                     |

|                                                                                   |                   |                                               |                     |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4951 K053643N00</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A250R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                                  | SCANIA              |                  |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                     | 1880194             | 2024413          |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                             | Non-Through       | Water                                         | 22 kg               | Flange           | Engine Oil             | Manifold                          | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK075          | A66RK075A                                     | A66RK075B           | A66RK075C        | A66RK066D              | A66RK075CP                        | A66RK075V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020127            | 020180                                        | 020128              | 020188           | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                      | A66RK032            | A66RK082         | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220423            | 220424 (Comp)                                 |                     |                  | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220693            | 140133 (Nut)                                  |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140140 (8)        | 140124 (3)                                    | 140138 (8)          |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Sump Cover</b>                             | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                    |                     |
|                                                                                   | 050267            | 220471 (2)                                    | 020990              | 160114           | RM1150-30V             | 020990                            |                    |                     |

|                                                                                     |                   |                                               |                     |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4951 K053740N00</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A252R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                                  | SCANIA              |                  |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                     | 1880194             | 2024413          |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                         | 22 kg               | Flange           | Engine Oil             | Manifold                          | Manifold           | Manifold            |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK075          | A66RK075A                                     | A66RK075B           | A66RK075C        | A66RK066D              | A66RK075CP                        | A66RK075V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020127            | 020180                                        | 020128              | 020188           | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032            | A66RK082         | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220423            | 220424 (Comp)                                 |                     |                  | <b>Rear end Cover</b>  | 220683                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                   | 220684            | 140133 (Nut)                                  |                     |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140124 (3)                                    | 140128 (2)          | 140391 (4)       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Sump Cover</b>                             | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               | <b>Drive Gear</b>  |                     |
|                                                                                     | 050267            | 220471 (2)                                    | 020990              | 160114           | RM1150-30V             | 020990                            | 220462             |                     |

## KNORR BREMSE LK SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LK4954</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A079R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                       | SCANIA            | VOLVO            |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                          | 1537794           | 21101027         | K010866                |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 92 mm                                                                             | Through           | Water                              | 21 kg             | Flange           | Engine Oil             | M16                               | M26                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK066          | A66RK066A                          | A66RK066B         | A66RK066C        | A66RK066D              | A66RK066CP                        | A66RK066V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020158            | 020182                             | 020159            | 020207           | 020160                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061          | A66RK087         | A66RK062               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220634            | 220633 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220636                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220635            | 140129 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140140 (8)        | 140124 (3)                         | 140138 (8)        |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>O Ring</b>    |                        |                                   |                    |                     |
|                                                                                   | 050267            | 220271 (2)                         | 160114            | RM1180-30V       |                        |                                   |                    |                     |

|                                                                                   |                   |                                            |                   |                  |                               |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4959 K014371</b> |                   |                  |                               | <b>MAJORSELL REBUILD: 66A075R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | PERKINS           |                  |                               |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 2488A302          |                  |                               |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                   | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                      | 17 kg             | Flange           | Engine Oil                    | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>                | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C        | A68RK115D                     | A68RK115V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>                |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188           | 020164                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082         | A66RK068                      |                                   |                  |                     |
| <b>Head</b>                                                                       | 220351            | 220452 (Comp)                              |                   |                  | <b>Rear end Cover</b>         |                                   | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140141 (Nut)                               |                   |                  | <b>Front end Cover</b>        |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140125 (8)                                 | 140215 (4)        | 140135 (4)       | 140347                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>O Ring</b>    | <b>Adaptor for Crankshaft</b> |                                   |                  |                     |
|                                                                                   | 050269            | 6207                                       | 220097 (2)        | RM1250-30V       | 220685                        |                                   |                  |                     |

|                                                                                     |                   |                                            |                   |                            |                        |                                  |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4963 K019879</b> |                   |                            |                        | <b>MAJORSELL REBUILD: 66A216</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                               |                   |                            |                        |                                  |                  |                     |
|                                                                                     |                   | <b>OE</b>                                  |                   |                            |                        |                                  |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>               | <b>Lube</b>            | <b>Water Port</b>                | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                      |                   | Flange                     | Engine Oil             | M18                              | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>           | <b>Valve Plate</b>     | <b>Cooling Plate</b>             |                  |                     |
|                                                                                     | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C                  | A68RK115V1             |                                  |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>             | <b>1.00 mm</b>         |                                  |                  |                     |
|                                                                                     | 020127            | 020180                                     | 020128            | 020188                     | 020164                 |                                  |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                   | A66RK032          | A66RK082                   | A66RK068               |                                  |                  |                     |
| <b>Head</b>                                                                         | 220514            | 220513 (Comp)                              |                   |                            | <b>Rear end Cover</b>  |                                  | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140240 (Nut)                               |                   |                            | <b>Front end Cover</b> |                                  |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140125 (8)                 |                        |                                  |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>Front Flange Gasket</b> |                        |                                  |                  |                     |
|                                                                                     | 050269            | 6207                                       | 220097 (2)        | 010461                     |                        |                                  |                  |                     |

## KNORR BREMSE LK SERIES

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|  |                          | <b>MAJORSELL PARTS FOR: LK4969 K031813N00</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A245R</b> |                  |                     |
|                                                                                   |                          | <b>Users</b>                                  | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                          | <b>OE</b>                                     | 5801216167        |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>             | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Non-Through              | Water                                         | 21 kg             | Flange            | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>          | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK092                 | A66RK092A                                     | A66RK092B         | A66RK092C         | A66RK092D              | A66RK092V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>               | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127                   | 020180                                        | 020128            | 020188            | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030                 | A66RK081                                      | A66RK032          | A66RK082          | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220695                   | 220694 (Comp)                                 |                   |                   | <b>Rear end Cover</b>  | 220451                            | <b>Conn Rod</b>  | 220044 (2)          |
| <b>Crankshaft</b>                                                                 |                          | 140146 (Nut)                                  |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (2)               | 140138 (8)                                    | 140124 (4)        | 140102 (6)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Cover Gasket</b> |                                               | <b>O Ring</b>     | <b>Front Bush</b> |                        |                                   |                  |                     |
|                                                                                   | BS642V                   |                                               | RM1250-30V        | 050269            |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4970</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A240R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                       |                   |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                          |                   |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 86mm                                                                              | Non-Through       | Water                              |                   | Flange           | Engine                 | Manifold                          | Manifold             | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK075          | A66RK075A                          | A66RK075B         | A66RK075C        | A66RK066D              | A66RK075V                         | A66RK075CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020127            | 020180                             | 020128            | 020188           | 020164                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                           | A66RK032          | A66RK082         | A66RK068               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220423            | 220424 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>      | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220421            | 140133 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Sump Cover</b> | <b>Liner Sleeve</b>                | <b>Front Bush</b> |                  |                        |                                   |                      |                     |
|                                                                                   | 220471 (2)        | 020990 (2)                         | 050267            |                  |                        |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                    |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4972</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 66A281R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                       |                   |                    |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                          |                   |                    |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 86mm                                                                                | Non-Through       | Water                              |                   | Flange             | Engine                 | M18                               | Tubular              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A66RK094          | A66RK094A                          | A66RK094B         | A66RK094C          | A66RK066D              | A66RK094V                         | A66RK094CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020127            | 020180                             | 020128            | 020188             | 020164                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                           | A66RK032          | A66RK082           | A66RK068               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220466            | 220467 (Comp)                      |                   |                    | <b>Rear end Cover</b>  | 220709                            | <b>Conn Rod</b>      | 220707 (2)          |
| <b>Crankshaft</b>                                                                   | 220708            | 140203 (Nut)                       |                   |                    | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140140 (8)        |                                    |                   |                    |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Seal</b>                        | <b>Sump Cover</b> | <b>Flange Seal</b> | <b>Water Adapter</b>   |                                   |                      |                     |
|                                                                                     | 050267            | RM0500-25                          | 220471 (2)        | RM1250-30V         | 190042 (2)             |                                   |                      |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                    |                        |                                   |                      |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LK4975</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 66A285R</b> |                      |                     |
|                                                                                   |                 | Users                              |                   |                    |                        |                                   |                      |                     |
|                                                                                   |                 | OE                                 |                   |                    |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 86mm                                                                              | Non-Through     | Water                              |                   | Flange             | Engine                 |                                   | Tubular              |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK094        | A66RK094A                          | A66RK094B         | A66RK094C          | A66RK066D              | A66RK094V                         | A66RK094CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020127          | 020180                             | 020128            | 020188             | 020164                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK030        | A66RK081                           | A66RK032          | A66RK082           | A66RK068               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220466          | 220467 (Comp)                      |                   |                    | <b>Rear end Cover</b>  | 220873                            | <b>Conn Rod</b>      | 220707              |
| <b>Crankshaft</b>                                                                 | 220871          |                                    |                   |                    | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (8)      | 140215 (6)                         | 140135 (3)        |                    |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Seal</b>     | <b>Seal</b>                        | <b>Sump Cover</b> | <b>Flange Seal</b> | <b>Thrust Washer</b>   | <b>Drive Gear</b>                 | <b>Front Bush</b>    | <b>Water Adpt</b>   |
|                                                                                   | RM0500-25       | RM0820-30S                         | 220471 (2)        | RM1250-30V         | 220809                 | 220872                            | 050267               | 190042 (2)          |

|                                                                                   |                   |                                    |                   |                    |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4979</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 66A251R</b> |                    |                     |
|                                                                                   |                   | Users                              |                   |                    |                        |                                   |                    |                     |
|                                                                                   |                   | OE                                 |                   |                    |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 92mm                                                                              | Through           | Water                              | 22 kg             | Flange             | Engine                 | 16 mm                             | 26 mm              | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK066          | A66RK066A                          | A66RK066B         | A66RK066C          | A66RK066D              | A66RK066CP                        | A66RK066V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020158            | 020182                             | 020159            | 020207             | 020160                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061          | A66RK087           | A66RK062               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220233            | 220232 (Comp)                      |                   |                    | <b>Rear end Cover</b>  | 220235                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                 | 220234            | 140203 (Nut)                       |                   |                    | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140131 (2)                         | 140138 (8)        | 140124 (4)         | 140125 (8)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Sump Cover</b>                  | <b>O Ring</b>     | <b>Sump Gasket</b> | <b>Liner Sleeve</b>    | <b>Safety Valve</b>               |                    |                     |
|                                                                                   | 050267            | 220271 (2)                         | RM0820-30S        | 010276 (2)         | 020991 (2)             | 230042                            |                    |                     |

|                                                                                     |                   |                                               |                   |                          |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK8907 K093377N00</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A274R</b> |                    |                     |
|                                                                                     |                   | Users                                         | Volvo             |                          |                        |                                   |                    |                     |
|                                                                                     |                   | OE                                            | 22083113          |                          |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 92mm                                                                                | Non-Through       | Water                                         | 22 kg             | Flange                   | Engine                 | 16 mm                             | Manifold           | 26 mm               |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK104          | A66RK104A                                     | A66RK104B         | A66RK104C                | A66RK104D              | A66RK104CP                        | A66RK104V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020158            | 020182                                        | 020159            | 020207                   | 020160                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A66RK060          | A66RK086                                      | A66RK061          | A66RK087                 | A66RK062               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220919            | 220918 (Comp)                                 |                   |                          | <b>Rear end Cover</b>  | 220922                            | <b>Conn Rod</b>    | 220481 (2)          |
| <b>Crankshaft</b>                                                                   | 220921            | 140016 (Nut)                                  |                   |                          | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140128 (5)        | 140138 (8)                                    | 140104 (3)        | 140147 (4)               | 140124 (4)             | 140125 (8)                        |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Sump Cover</b>                             | <b>O Ring</b>     | <b>Front Flange Seal</b> |                        |                                   |                    |                     |
|                                                                                     | 050267            | 220271 (2)                                    | RM0890-30V        | RM1650-35V               |                        |                                   |                    |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                      |                                    |                   |                              |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: LP1325</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A133R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                       |                   |                              |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                          |                   |                              |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through          | Air                                | 10 kg             | Base                         | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008             | A66RK008A                          | A66RK008B         | A66RK008C                    | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020114               |                                    | 020173            |                              | 020174                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027             |                                    | A66RK028          |                              | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086               |                                    |                   |                              | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 |                      | 140015 (Nut)                       |                   |                              | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140130 (4)           | 140124 (4)                         | 140138 (4)        | 140103 (4)                   | 140155 (4)             | 140103 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Cylinder</b>   | <b>Cylinder &amp; piston</b> |                        |                                   |                  |                     |
|                                                                                   | 6305                 | 050182                             | 020165            | 020165K                      |                        |                                   |                  |                     |

|                                                                                   |                      |                                    |                   |                           |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: LP1567</b> |                   |                           |                        | <b>MAJORSELL REBUILD: 66A050R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                       | RVI               |                           |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                          | 5000549857        | I97363                    | 5000684232             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>              | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through              | Air                                | 8 kg              | Base                      | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>          | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK008             | A66RK008A                          | A66RK008B         | A66RK008C                 | A66RK008V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>            | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124               | 020175                             | 020125            | 020203                    | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK027             |                                    | A66RK028          |                           | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220086               | 220136 (Comp)                      |                   |                           | <b>Rear end Cover</b>  | 220127                            | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                 | 220268               | 140015 (Nut)                       |                   |                           | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                      |                                    |                   |                           |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                   | <b>Liner</b>      | <b>Liner &amp; Piston</b> |                        |                                   |                  |                     |
|                                                                                   | 6305                 | 050182                             | 020165            | 020165K1                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                             |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP1914</b> |                             |                  |                        | <b>MAJORSELL REBUILD: 66A143R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | IVECO                       |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 03361934                    |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>               | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Air                                | 10 kg                       | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>           | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK009          | A66RK017A                          | A66RK017B                   | A66RK017C        | A66RK017V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>              | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113                      | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011                    | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220086            | 220136 (Comp)                      |                             |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                       |                             |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140104 (4)        | 140138 (4)                         | 140124 (4)                  | 140103 (4)       | 140155 (4)             | 140103 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Cylinder &amp; liner</b> |                  |                        |                                   |                  |                     |
|                                                                                     | 6305              | 050090 (2)                         | 020169                      |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                 |                                    |                              |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP1974</b> |                              |                  |                        | <b>MAJORSELL REBUILD: 66A132R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO                        |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 01261653                     | 01261953         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>                | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Air                                | 10 kg                        | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b>            | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK009        | A66RK017A                          | A66RK017B                    | A66RK017C        | A66RK017V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>               | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113                       | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011                     | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220117          | 220125 (Comp)                      |                              |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  | 220052              |
| <b>Crankshaft</b>                                                                 |                 | 140015 (Nut)                       |                              |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)      | 140138 (4)                         | 140124 (4)                   | 140103 (4)       | 140124 (4)             | 140103 (4)                        | 140155 (4)       | 140103 (4)          |
| <b>Other Parts</b>                                                                | <b>Inserts</b>  | <b>Cylinder</b>                    | <b>Cylinder &amp; piston</b> |                  | <b>Roller Bearing</b>  |                                   |                  |                     |
|                                                                                   | 050090 (2)      | 020161                             | 020161K                      |                  | NJ305C3                |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LP1983</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A131R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 01260305          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Air                                | 11 kg             | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK002        |                                    |                   |                  | A66RK003               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220117          | 220125 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220152              |
| <b>Crankshaft</b>                                                                 |                 | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> | 220134                            |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)      | 140138 (4)                         | 140124 (4)        | 140103 (4)       | 140103 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Inserts</b>  | <b>Roller Bearing</b>              |                   |                  |                        |                                   |                  |                     |
|                                                                                   | 050090 (2)      | NJ305C3                            |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP3832</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A092R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 5000790215        | 5000249628       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                               | Non-Through     | Water                              | 12 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK038        | A66RK038A                          | A66RK038B         | A66RK038C        | A66RK038V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020150          | 020177                             | 020151            | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK036        | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220500          | 220501 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                    |                   |                  |                        |                                   |                  |                     |
|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |



## KNORR BREMSE LP SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP3852</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | RVI               |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 5000684163        | SEB00650         |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Through         | Water                              | 12.5 kg           | Flange           | Engine Oil             | M18                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A66RK038        | A66RK038A                          | A66RK038B         | A66RK038C        | A66RK038V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020150          | 020177                             | 020151            | 020206           | 020172                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A66RK036        | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                           |                  |                     |
| <b>Head</b>                                                                       | 220500          | 220501 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP3861</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A151R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                          | SEB01152          | 5000691934       | 5001857409             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Through                      | Water                              | 12.5 kg           | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK038                     | A66RK038A                          | A66RK038B         | A66RK038C        | A66RK038V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020150                       | 020177                             | 020151            | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK036                     | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220500                       | 220501 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220084              |
| <b>Crankshaft</b>                                                                 |                              | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)                   | 140138 (4)                         | 140135 (4)        | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> |                                    | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050262                       |                                    | 220153            | 160116           | RM1000-30V             |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LP3934</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | VOLVO             |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                          |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through         | Water                              | 10 kg             | Base             | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     |                 | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                         | 220096          | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                    |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP3970</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A090R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 20568594          | 85000345         | 3181133                | 8113830                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Non-Through       | Water                              | 13 kg             | Flange           | Engine Oil             | M16                               | M26              | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK067          | A66RK067A                          | A66RK067B         | A66RK067C        | A66RK067V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158            | 020182                             | 020159            | 020207           | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061          | A66RK087         | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220599            | 220598 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220084              |
| <b>Crankshaft</b>                                                                 | 220600            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140138 (4)                         | 140135 (4)        | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050262            | 220271                             | RM1150-30V        |                  |                        |                                   |                  |                     |

|                                                                                   |                     |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: LP3974</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A192R</b> |                  |                     |
|                                                                                   |                     | <b>Users</b>                       | FORD              |                  |                        |                                   |                  |                     |
|                                                                                   |                     | <b>OE</b>                          | 3C462875AA        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Through             | Water                              | 12 kg             | Flange           | Engine Oil             | M16                               | M26              | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK058            | A66RK058A                          | A66RK058B         | A66RK058C        | A66RK042D1             | A66RK058V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158              | 020182                             | 020159            | 020207           | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060            | A66RK086                           | A66RK061          | A66RK087         | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220337              | 220456 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220457                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220805              | 140146 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)          | 140391 (2)                         | 140138 (4)        |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Liner Sleeve</b> | <b>Front Bush</b>                  | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 020997              | 050186                             | 220271            |                  |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP3975</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | IVECO             | VOLVO            |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 04227084          | 04261511         | K000743                |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Through         | Water                              | 11 kg             | Flange           | Engine Oil             | M16                       | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A66RK045        | A66RK045A                          | A66RK045B         | A66RK001C        |                        |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                    |                   |                  |                        |                           |                  |                     |
|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP3977</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 66A222R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | CUMMINS                  | IVECO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 4936049                  | 3957728          | 504016818              | 04016818                          |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Through           | Water                              | 11.5 kg                  | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK058          | A66RK058A                          | A66RK058B                | A66RK058C        | A66RK058V              | A66RK065CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158            | 020182                             | 020159                   | 020207           | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061                 | A66RK087         | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220524            | 220523 (Comp)                      |                          |                  | <b>Rear end Cover</b>  | 220580                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                   | 140146 (Nut)                       |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (4)        | 140138 (4)                         | 140135 (4)               | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>O Ring</b>                      | <b>Front Flange Seal</b> |                  | <b>Front Bush</b>      | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                   | 220271            | BS110S                             | 010458                   |                  | 050186                 | 020990                            |                  |                     |

\* Crank L.H. thread

|                                                                                   |                   |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP3980</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A162R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN               |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 51541007078       | K015948           | 51541007095            | 51541007087                       | K001240          | LK3997              |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Non-Through       | Water                              | 17.5 kg           | Side              | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK065          | A66RK065A                          | A66RK065B         | A66RK065C         | A66RK065V              | A66RK065CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158            | 020182                             | 020159            | 020207            | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061          | A66RK087          | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220244            | 220285 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220475                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220474            | 140291 (Pin)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (4)        | 140138 (4)                         | 140135 (2)        |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Core Plug</b>                   | <b>O Ring</b>     | <b>Drive Gear</b> | <b>Safety Valve</b>    |                                   |                  |                     |
|                                                                                   | 050267            | 220223                             | RM0800-30S        | 220476            | 230051                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP3982</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | MAN               |                  |                        |                           |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 51541007016       |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 9 kg              | Base             | Engine Oil             | M22                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     |                   | A66RK020A                          | A66RK020B         | A66RK001C        | A66RK020V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                           |                  |                     |
| <b>Head</b>                                                                         | 220096            | 220106 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220014              |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                   |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   |                   |                  |                        |                           |                  |                     |
|                                                                                     | 050181            | 050182                             |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP3986</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A241R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN               |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          |                   |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92 mm                                                                             | Through           | Water                              | 17.5 kg           | Side              | Engine Oil             | 16 mm                             | Flange           | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK095          | A66RK065A                          | A66RK095B         | A66RK065C         | A66RK065V              | A66RK065CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020158            |                                    | 020159            |                   | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK060          |                                    | A66RK061          |                   | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220244            | 220285 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220475                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 | 220474            |                                    |                   |                   | <b>Front end Cover</b> | 220223 (2)                        |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (4)        | 140138 (4)                         | 140135 (2)        |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Reed Valve</b>                  | <b>Drive Gear</b> | <b>Drive Gear</b> |                        |                                   |                  |                     |
|                                                                                   | 050267            | 060308 (2)                         | 220487            | 220476            |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                     |                     |                        |                                   |                     |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP3997</b> |                     |                     |                        | <b>MAJORSELL REBUILD: 66A182R</b> |                     |                     |
|                                                                                   |                   | <b>Users</b>                       | MAN                 |                     |                        |                                   |                     |                     |
|                                                                                   |                   | <b>OE</b>                          | 51541007095         | K015948             | 51541007121            |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 92 mm                                                                             | Through           | Water                              | 17.5 Kg             | Side                | Engine Oil             | M16                               | Flange              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                     |                     |
|                                                                                   | A66RK093          | A66RK093A                          | A66RK093B           | A66RK093C           | A66RK093V              | A66RK093CP                        |                     |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>      | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                   | 020158            | 020182                             | 020159              | 020207              | 020160                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A66RK060          | A66RK086                           | A66RK061            | A66RK087            | A66RK062               |                                   |                     |                     |
| <b>Head</b>                                                                       | 220244            | 220486 (Comp)                      |                     |                     | <b>Rear end Cover</b>  | 220475                            | <b>Conn Rod</b>     | 220044              |
| <b>Crankshaft</b>                                                                 | 220474            | 140291 (Nut)                       |                     |                     | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140140 (4)        | 140138 (4)                         | 140135 (2)          |                     |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Core Plug</b>                   | <b>Safety Valve</b> | <b>Liner Sleeve</b> | <b>Drive Gear</b>      | <b>Drive Gear</b>                 | <b>Liner Sleeve</b> | <b>Safety Valve</b> |
|                                                                                   | 050267            | 220223                             | 230051              | 020997              | 220476                 | 220476                            | 020997              | 230051              |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4812</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A009R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             | IVECO            |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 1599999           | 5003217          | 8005487                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Water                              | 16 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK007          | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220072            | 220375 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                   | 220154            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140101 (2)                         | 140138 (8)        | 140125 (8)       | 140036 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                     | 050186            | 220153 (2)                         | RM1150-30V        |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4813</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A010R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             | DAF              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1613632           | 5003336          | 1613632                |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 16 kg             | Flange           | Engine                 | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK007          | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220192            | 220412 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                 | 220154 (R/H)      | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140101 (2)                         | 140138 (8)        | 140125 (8)       | 140036 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1150-30V        |                  |                        |                                   |                  |                     |

\* Water cooled valve plate

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP4814</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A011R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1303226           | 571183           | 890001                 | 303223                            |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 16 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK007          | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220191            | 220590 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                 | 220154            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140101 (2)                         | 140138 (8)        | 140125 (8)       | 140036 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1150-30V        |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4815</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A012R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 1303227           | 571184           | 303227                 |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Water                              | 16 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK007          | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220191            | 220590 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                   | 220154            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140101 (2)                         | 140138 (8)        | 140125 (8)       | 140036 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                     | 050186            | 220153 (2)                         | RM1150-30V        |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4825</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A013R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8112427           | 8150407          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 18 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK004          | A66RK004A                          | A66RK004B         | A66RK004C        | A66RK005D              | A66RK004V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220070            | 220603 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                 | 220154            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140135 (4)                         | 140138 (6)        | 140134 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM 1150-30V       |                  |                        |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4827</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A065R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | RVI               |                   |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | SEB01452          | 5000694824        | SEB01455               |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Non-Through     | Water                              | 16 kg             | Flange            | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK033        | A66RK033A                          | A66RK033B         | A66RK007C         | A66RK033V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020150          | 020177                             | 020151            | 020206            | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK036        | A66RK083                           | A66RK037          | A66RK084          | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220239          | 220341 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220644                            | <b>Conn Rod</b>  | 220250 (2)          |
| <b>Crankshaft</b>                                                                 | 220228          | 140019(Nut)                        |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (2)      | 140124 (4)                         | 140143 (5)        | 140102            | 140138 (8)             | 140134 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>O Ring</b>   | <b>Liner Sleeve</b>                | <b>Front Bush</b> | <b>Drive Gear</b> | <b>Base Plate</b>      | <b>Flange Seal</b>                | <b>O Ring</b>    |                     |
|                                                                                   | RM1250-30V      | 020989                             | 050186            | 220834            | 220153                 | 160114                            | RM1000-30V       |                     |

|                                                                                     |                 |                                    |                          |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4828</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 66A163R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | RVI                      |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 5000696058               | SEB01185         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                               | Non-Through     | Water                              | 18 kg                    | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK033        | A66RK033A                          | A66RK033B                | A66RK007C        | A66RK033V1             | A66RK033CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020150          | 020177                             | 020151                   | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK036        | A66RK083                           | A66RK037                 | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220239          | 220341 (Comp)                      |                          |                  | <b>Rear end Cover</b>  | 220644                            | <b>Conn Rod</b>  | 220250 (2)          |
| <b>Crankshaft</b>                                                                   |                 | 140015 (Nut)                       |                          |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140132 (2)      | 140102 (5)                         | 140143 (5)               | 140138 (8)       | 140134 (8)             | 140101                            | 140124 (4)       |                     |
| <b>Other Parts</b>                                                                  | <b>O Ring</b>   | <b>Base Plate</b>                  | <b>Front Flange Seal</b> |                  | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                     | RM1000-30V      | 220153 (2)                         | 160114                   |                  | 020989                 |                                   |                  |                     |



## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                          |                  |                          |                                   |                     |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4833</b> |                          |                  |                          | <b>MAJORSELL REBUILD: 66A228R</b> |                     |                     |
|                                                                                   |                   | <b>Users</b>                       |                          |                  |                          |                                   |                     |                     |
|                                                                                   |                   | <b>OE</b>                          |                          |                  |                          |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 78 mm                                                                             | Non-Through       | Water                              | 18 kg                    | Flange           | Engine Oil               | 18 mm                             | 26 mm               | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>       | <b>Cooling Plate</b>              |                     |                     |
|                                                                                   | A66RK033          | A66RK033A                          | A66RK033B                | A66RK033C        | A66RK033V1               | A66RK033CP                        |                     |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>           |                                   |                     |                     |
|                                                                                   | 020150            | 020177                             | 020151                   | 020206           | 020172                   |                                   |                     |                     |
| <b>Rings</b>                                                                      | A66RK036          | A66RK083                           | A66RK037                 | A66RK084         | A66RK040                 |                                   |                     |                     |
| <b>Head</b>                                                                       | 220239            | 220341                             |                          |                  | <b>Rear end Cover</b>    | 220246                            | <b>Conn Rod</b>     | 220250 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                       |                          |                  | <b>Front end Cover</b>   |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140167 (1)        | 140130 (2)                         | 140102 (5)               | 140138 (8)       | 140124 (4)               | 140134 (8)                        |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Front Flange Seal</b> |                  | <b>Front Flange Ring</b> |                                   | <b>Liner Sleeve</b> |                     |
|                                                                                   | 050186            | 220153 (2)                         | 160114                   |                  | RM1000-30V               |                                   | 020989              |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4842</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A075R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | PERKINS           |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 2488A302          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through     | Water                              | 17.5 kg           | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK007        | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124          | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK027        | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4844</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A067R</b> |                  |                     |
|                                                                                     |                              | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                  |                     |
|                                                                                     |                              | <b>OE</b>                          | 1381951           | 1381961          | 571288                 |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through                  | Water                              | 16 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK007                     | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              | A66RK007CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124                       |                                    | 020125            |                  | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK027                     |                                    | A66RK028          |                  | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220072                       | 220375 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                   | 220154 (R/H)                 | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)                   | 140101 (2)                         | 140138 (8)        | 140148 (2)       | 140135 (4)             | 140136 (4)                        | 140136 (8)       | 140125 (8)          |
| <b>Other Parts</b>                                                                  | <b>Front &amp; Rear Bush</b> |                                    | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                     | 050186                       |                                    | RM1150-30V        |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP4845</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A014R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5010323738        | 5001836984       | 5001836983             | 5010295545                        | 5001836982       | SEB01455            |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Non-Through       | Water                              | 17.5 kg           | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK033          | A66RK033A                          | A66RK033B         | A66RK007C        | A66RK033V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020150            | 020177                             | 020151            | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK036          | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220239            | 220341 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220246                            | <b>Conn Rod</b>  | 220250              |
| <b>Crankshaft</b>                                                                 | 220228            | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (5)        | 140167 (1)                         | 140132 (2)        | 140124 (4)       | 140134 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1000-30V        | 160114           | 020989                 |                                   |                  |                     |

|                                                                                   |                     |                                    |                   |                    |                        |                                   |                  |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: LP4846</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 66A075R</b> |                  |                     |
|                                                                                   |                     | <b>Users</b>                       | RVI               |                    |                        |                                   |                  |                     |
|                                                                                   |                     | <b>OE</b>                          | SEB01455          | 5010323293         | SEB01478               | SEB01527                          | 510323738        |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Non-Through         | Water                              |                   | Flange             | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK033            | A66RK033A                          | A66RK033B         | A66RK007C          | A66RK033V1             | A66RK033CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020150              | 020177                             | 020151            | 020206             | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK036            | A66RK083                           | A66RK037          | A66RK084           | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220239              | 220341(Comp)                       |                   |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220250 (2)          |
| <b>Crankshaft</b>                                                                 |                     |                                    |                   |                    | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (5)          | 140132 (2)                         | 140102            | 140138 (8)         | 140124 (4)             | 140134 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Liner Sleeve</b> | <b>Front Bush</b>                  | <b>Sump Plate</b> | <b>Flange Seal</b> | <b>Flange Ring</b>     |                                   |                  |                     |
|                                                                                   | 020989              | 050186                             | 220153            | 160114             | RM1000-30V             |                                   |                  |                     |

|                                                                                     |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4850</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A025R</b> |                  |                     |
|                                                                                     |                              | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                     |                              | <b>OE</b>                          | 8129779           | 8113270          | II35564                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through                  | Water                              | 17 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK031                     | A66RK031A                          | A66RK031B         | A66RK007C        | A66RK031V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020124                       | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A68RK027                     | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220243                       | 220294 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220099                            | <b>Conn Rod</b>  | 220084              |
| <b>Crankshaft</b>                                                                   | 220154                       | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)                   | 140138 (6)                         | 140135 (4)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front &amp; Rear Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                     | 050267                       | 220153 (2)                         | RM1150-30V        |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP4851</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A099R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5010339859        | SEB01545         | SEB01478               | 5010323293                        |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                             | Non-Through       | Water                              | 15 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK033          | A66RK033A                          | A66RK033B         | A66RK007C        | A66RK033V1             | A66RK033CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020150            | 020177                             | 020151            | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK036          | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220239            | 220341 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220246                            | <b>Conn Rod</b>  | 220551              |
| <b>Crankshaft</b>                                                                 | 220228            | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (5)        | 140167 (1)                         | 140132 (2)        | 140124 (4)       | 140134 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050186            | 220153 (2)                         | RM1250-30V        | 160114           | 020989                 |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4852</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A129R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 01181453          | 01181454         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                              | 16 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK007          | A66RK007A                          | A66RK007B         | A66RK007C        | A66RK007V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020124            | 020175                             | 020125            | 020203           | 020126                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A68RK027          | A66RK088                           | A66RK028          | A66RK089         | A66RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220192(R/H)       | 220412 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220084 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                         | 140101 (2)        | 140124 (2)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                      | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | RM 1150-30V                        | RM0570-30V        |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4855</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A100R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | PERKINS           | RVI              |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 5010450646        | 5010553129       | SEB01747               |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 78 mm                                                                               | Through           | Water                              | 17 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK033          | A66RK033A                          | A66RK033B         | A66RK007C        | A66RK033V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020150            | 020177                             | 020151            | 020206           | 020172                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK036          | A66RK083                           | A66RK037          | A66RK084         | A66RK040               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220962            | 220961 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220644                            | <b>Conn Rod</b>  | 220250              |
| <b>Crankshaft</b>                                                                   | 220643            | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (5)        | 140132 (2)                         | 140138 (7)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                     | 050186            | 050262                             | 220153 (2)        | RM1000-30V       | 160114                 | 020989                            |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                            |                   |                     |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4857 K000821</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A110R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                               | IVECO             |                     |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                  | 41211339          | 41211121            | 99471918               | 504308843                         |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 86 mm                                                                             | Through           | Water                                      | 18 kg             | Flange              | Engine Oil             | M18                               | M26                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Ess Kit</b>                    | <b>Valve Plate</b> |                     |
|                                                                                   | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C           | A68RK115D              | A68RK115D1                        | A68RK115V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188              | 020164                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082            | A66RK068               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220351            | 220452 (Comp)                              |                   |                     | <b>Rear end Cover</b>  | 220451                            | <b>Conn Rod</b>    | 220776 (2)          |
| <b>Crankshaft</b>                                                                 | 220686            | 140015 (Nut)                               |                   |                     | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140138 (4)          | 140125 (8)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          |                                   |                    |                     |
|                                                                                   | 050269            | 050217                                     | 220097 (2)        | 020996              | RM1250-30V             |                                   |                    |                     |

|                                                                                   |                     |                                            |                   |                      |                        |                                   |                     |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: LP4858 K001095</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 66A180R</b> |                     |                     |
|                                                                                   |                     | <b>Users</b>                               | CUMMINS           |                      |                        |                                   |                     |                     |
|                                                                                   |                     | <b>OE</b>                                  | 3957727           |                      |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 86mm                                                                              | Through             | Water                                      | 18 kg             | Flange               | Engine Oil             | M18                               | M26                 | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                     |                     |
|                                                                                   | A68RK115            | A68RK115A                                  | A68RK115B         | A68RK115C            | A68RK115V1             |                                   |                     |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                   | 020127              | 020180                                     | 020128            | 020188               | 020164                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A66RK030            | A66RK081                                   | A66RK032          | A66RK082             | A66RK068               |                                   |                     |                     |
| <b>Head</b>                                                                       | 220584              | 220583 (Comp)                              | 220977            |                      | <b>Rear end Cover</b>  | 220591                            | <b>Conn Rod</b>     | 220597 (2)          |
| <b>Crankshaft</b>                                                                 | 220589(L/H)         | 140146 (Nut)                               |                   |                      | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140102 (6)          | 140138 (6)                                 | 140135 (4)        | 140197 (8)           | 140347                 |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Liner Sleeve</b> | <b>Front Flange Seal</b>                   |                   | <b>F Flange Ring</b> | <b>Adapater</b>        | <b>Front Bush</b>                 | <b>Rear Bearing</b> |                     |
|                                                                                   | 020996 (2)          | 010458                                     |                   | RM0093-24V           | 220685                 | 050269                            | 6207                |                     |

|                                                                                     |                   |                                            |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4861 K006608</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A077R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                               | CUMMINS           |                   |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                  | K006608           | 4929297           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                               | Through           | Water                                      |                   | Flange            | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C         | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127            | 020180                                     | 020128            | 020188            | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                   | A66RK032          | A66RK082          | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220513            | 220514 (Comp)                              |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                               |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140125 (8)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                        | <b>O Ring</b>     | <b>Base Plate</b> | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                     | 050269            | 6207                                       | RM1250-30V        | 220097 (2)        | 020996                 |                                   |                  |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP4862 K006610</b> |                   |                   |                               | <b>MAJORSELL REBUILD: 66A165R</b> |                     |                     |
|                                                                                   |                   | <b>Users</b>                               |                   |                   |                               |                                   |                     |                     |
|                                                                                   |                   | <b>OE</b>                                  |                   |                   |                               |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>                   | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 86mm                                                                              | Through           | Water                                      |                   | Flange            | Engine Oil                    | M18                               | M26                 | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>            | <b>Cooling Plate</b>              |                     |                     |
|                                                                                   | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C         | A68RK115V1                    |                                   |                     |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>                |                                   |                     |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188            | 020164                        |                                   |                     |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082          | A66RK068                      |                                   |                     |                     |
| <b>Head</b>                                                                       | 220513            | 220514 (Comp)                              |                   |                   | <b>Rear end Cover</b>         |                                   | <b>Conn Rod</b>     |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                               |                   |                   | <b>Front end Cover</b>        |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140215(4)                                  | 140138 (4)        | 140135 (4)        | 140125 (8)                    |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                        | <b>O Ring</b>     | <b>Base Plate</b> | <b>Adaptor for Crankshaft</b> |                                   | <b>Liner Sleeve</b> |                     |
|                                                                                   | 050269            | 6207                                       | RM1250-30V        | 220097 (2)        | 220685                        |                                   | 020996              |                     |

|                                                                                   |                   |                                            |                   |                               |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4863 K006611</b> |                   |                               |                        | <b>MAJORSELL REBUILD: 66A166R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | CUMMINS           |                               |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 4929295           | 4929298                       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>                  | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86mm                                                                              | Through           | Water                                      | 19 kg             | Flange                        | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>              | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C                     | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>                | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188                        | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082                      | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220513            | 220514 (Comp)                              |                   |                               | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220776 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140240 (Nut)                               |                   |                               | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140197 (8)                    | 140347                 |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                        | <b>Base Plate</b> | <b>Adaptor for Crankshaft</b> |                        | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                   | 050269            | 6207                                       | 220097 (2)        | 220685                        |                        | 020996                            |                  |                     |

|                                                                                     |                   |                                               |                   |                     |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4864 K033392N00</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A201R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                                  | CUMMINS           |                     |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                     | 5257938           |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86mm                                                                                | Through           | Water                                         | 18.5 kg           | Flange              | Engine                 | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK092          | A66RK092A                                     | A66RK092B         | A66RK092C           | A66RK092V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127            | 020180                                        | 020128            | 020188              | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032          | A66RK082            | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220386            | 220385 (Comp)                                 | 220976            |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220776 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140240 (Nut)                                  |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140125 (4)          |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                           | <b>Base Plate</b> | <b>Front Gasket</b> |                        | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                     | 050269            | 6207                                          | 220097 (2)        | 010445              |                        | 020996                            |                  |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP4864 K006612</b> |                   |                            |                        | <b>MAJORSELL REBUILD: 66A179R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | CUMMINS           | BENDIX                     |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 3286903           | 1194455                    | 1194275                |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>               | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86mm                                                                              | Through           | Water                                      | 18.5 kg           | Flange                     | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>           | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A68RK115          | A68RK115A                                  | A68RK115B         | A68RK115C                  | A68RK115V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>             | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127            | 020180                                     | 020128            | 020188                     | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          | A66RK081                                   | A66RK032          | A66RK082                   | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220513            | 220514 (Comp)                              |                   |                            | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140240 (Nut)                               |                   |                            | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)        | 140138 (6)                                 | 140135 (4)        | 140125 (4)                 |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                        | <b>Base Plate</b> | <b>Front Flange Gasket</b> |                        | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                   | 050269            | 6207                                       | 220097 (2)        | 010445                     |                        | 020996                            |                  |                     |

|                                                                                   |                     |                                            |                   |                          |                        |                                   |                     |                     |
|-----------------------------------------------------------------------------------|---------------------|--------------------------------------------|-------------------|--------------------------|------------------------|-----------------------------------|---------------------|---------------------|
|  |                     | <b>MAJORSELL PARTS FOR: LP4865 K006613</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A157R</b> |                     |                     |
|                                                                                   |                     | <b>Users</b>                               | CUMMINS           |                          |                        |                                   |                     |                     |
|                                                                                   |                     | <b>OE</b>                                  | 3286902           | 3977147                  |                        |                                   |                     |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>    | <b>Air Delivery</b> |
| 86mm                                                                              | Through             | Water                                      | 20 kg             | Base                     | Engine Oil             | M18                               | M26                 | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                     |                     |
|                                                                                   | A68RK115            | A68RK115A                                  | A68RK115B         | A68RK115C                | A68RK115V1             |                                   |                     |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                     |                     |
|                                                                                   | 020127              | 020180                                     | 020128            | 020188                   | 020164                 |                                   |                     |                     |
| <b>Rings</b>                                                                      | A66RK030            | A66RK081                                   | A66RK032          | A66RK082                 | A66RK068               |                                   |                     |                     |
| <b>Head</b>                                                                       | 220584              | 220583 (Comp)                              |                   |                          | <b>Rear end Cover</b>  | 220591                            | <b>Conn Rod</b>     | 220597 (2)          |
| <b>Crankshaft</b>                                                                 | 220589              | 140146 (Nut)                               |                   |                          | <b>Front end Cover</b> |                                   |                     |                     |
| <b>Bolts</b>                                                                      | 140102 (6)          | 140138 (6)                                 | 140135 (4)        | 140197 (8)               |                        |                                   |                     |                     |
| <b>Other Parts</b>                                                                | <b>Liner Sleeve</b> | <b>Front Flange Seal</b>                   |                   | <b>Front Flange Ring</b> |                        | <b>Front Bush</b>                 | <b>Rear Bearing</b> | <b>Adapter</b>      |
|                                                                                   | 020996              | 010458                                     |                   | RM0100-25V               |                        | 050269                            | 6207                | 220685              |
|                                                                                   | <b>Adapter Pin</b>  | <b>Flange Ring</b>                         |                   |                          |                        |                                   |                     |                     |
|                                                                                   | 140347              | RM0093-24V                                 |                   |                          |                        |                                   |                     |                     |

|                                                                                     |                   |                                               |                   |                          |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------------|-------------------|--------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP4865 K033404N00</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A206R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                                  | CUMMINS           |                          |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                     | 3286902           | 3977147                  | 5257939                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86mm                                                                                | Through           | Water                                         | 20 kg             | Base                     | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK092          | A66RK092A                                     | A66RK092B         | A66RK092C                | A66RK092V1             |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020127            | 020180                                        | 020128            | 020188                   | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK030          | A66RK081                                      | A66RK032          | A66RK082                 | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220661            | 220660 (Comp)                                 | 220977            |                          | <b>Rear end Cover</b>  | 220591                            | <b>Conn Rod</b>  | 220776 (2)          |
| <b>Crankshaft</b>                                                                   | 220990            | 140146 (Nut)                                  |                   |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (6)        | 140138 (6)                                    | 140135 (4)        | 140197 (8)               |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                           | <b>Base Plate</b> | <b>Front Flange Seal</b> |                        | <b>Front Flange Ring</b>          |                  | <b>Liner Sleeve</b> |
|                                                                                     | 050269            | 6207                                          | 220097 (2)        | 010458                   |                        | RM0100-25V                        |                  | 020996 (2)          |
|                                                                                     | <b>Adapter</b>    | <b>Adapter</b>                                | <b>Gasket</b>     |                          |                        |                                   |                  |                     |
|                                                                                     | 220685            | 140347                                        | 010208 (2)        |                          |                        |                                   |                  |                     |



## KNORR BREMSE LP SERIES

|                                                                                   |                              |                                               |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4871 K035001N00</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A202R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                                  | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                                     | 5257958           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                                | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86mm                                                                              | Through                      | Water                                         | 19 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                               | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK091                     | A66RK091A                                     | A66RK091B         | A66RK091C        | A66RK092V1             |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                                | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020127                       | 020180                                        | 020128            | 020188           | 020164                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030                     | A66RK081                                      | A66RK032          | A66RK082         | A66RK068               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220386                       | 220385 (Comp)                                 |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220776 (2)          |
| <b>Crankshaft</b>                                                                 |                              |                                               |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)                   | 140135 (4)                                    | 140138 (4)        | 140125 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> | <b>Base Plate</b>                             | <b>Gasket</b>     | <b>Gasket</b>    | <b>Gasket</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                   | 050204                       | 220097 (2)                                    | 010094            | 010443           | 010208                 | RM0860-20                         |                  |                     |

|                                                                                   |                 |                                    |                   |                             |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4914</b> |                   |                             |                        | <b>MAJORSELL REBUILD: 66A138R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                             |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 01173112          |                             |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 21 kg             | Flange                      | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>            | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK039        | A66RK039A                          | A66RK039B         | A66RK039C                   | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>              | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199                      | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080                    | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       |                 | 140016 (Nut)                       |                   |                             | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                             | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (8)      | 140131 (2)                         | 140138 (8)        | 140103 (8)                  | 140155 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Inserts</b>  | <b>O Ring</b>                      | <b>Cylinder</b>   | <b>Cylinder &amp; Liner</b> |                        |                                   |                  |                     |
|                                                                                   | 050090 (2)      | RM0920-30V                         | 020169L (2)       | 020169 (2)                  |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LP4918</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A093R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 01173423          | 1173423          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through     | Water                              | 15 kg             | Base             | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK074        | A66RK074A                          | A66RK074B         | A66RK074C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         |                 |                                    |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (8)      | 140131 (2)                         | 140138 (10)       | 140124 (4)       | 140103 (4)             | 140124 (4)                        | 140103 (4)       | 140103 (8)          |
|                                                                                     | 140155 (8)      |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Inserts</b>  | <b>Cylinder</b>                    |                   |                  |                        |                                   |                  |                     |
|                                                                                     | 050090 (2)      | 020209                             |                   |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4919</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A130R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | MAN               |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 88541016027       | 12213320         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 17 kg             | Base             |                        |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK074        | A66RK074A                          | A66RK074B         | A66RK074C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                              |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LP4921</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A062R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             | VOLVO                        |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 1174168           | 8113634                      | 70305892               |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Oil                                | 22 kg             | Flange                       | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK039        | A66RK039A                          | A66RK039B         | A66RK039C                    | A66RK020V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199                       | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080                     | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220096          | 220106 (Comp)                      |                   |                              | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 | 140016 (Nut)                       |                   |                              | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (8)      | 140142 (2)                         | 140155 (8)        | 140103 (8)                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Inserts</b>  | <b>O Ring</b>                      | <b>Cylinder</b>   | <b>Cylinder &amp; Piston</b> |                        |                                   |                  |                     |
|                                                                                   | 050090 (2)      | RM0920-30V                         | 020169L           | 020169                       |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: LP4924</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A135R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 01177094          |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through     | Water                              | 15 kg             | Base             | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK074        | A66RK074A                          | A66RK074B         | A66RK074C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         |                 |                                    |                   |                  | <b>Rear end Cover</b>  | 220139                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140128 (8)      | 140131 (2)                         | 140138 (10)       | 140124 (4)       | 140138 (4)             | 140124 (4)                        | 140103 (4)       | 140103 (8)          |
|                                                                                     | 140155 (8)      |                                    |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Inserts</b>  | <b>Cylinder</b>                    |                   |                  |                        |                                   |                  |                     |
|                                                                                     | 050090 (2)      | 020209                             |                   |                  |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4934</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A001R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             | PERKINS          |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                          | 3037346           | 8112543          | OE52096                | 98438178                          | 91125437             |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 21 kg             | Flange           | Engine Oil             | M16                               | Flange               | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220073            | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>      | 220069              |
| <b>Crankshaft</b>                                                                 | 220159            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140135 (4)       | 140134 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                      |                     |
|                                                                                   | 050186            | 050215                             | 220153            | RM1150-30V       |                        |                                   |                      |                     |

|                                                                                   |                   |                                    |                   |                              |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4939</b> |                   |                              |                        | <b>MAJORSELL REBUILD: 66A239R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | RVI               |                              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 5000694443        |                              |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>                 | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 65 mm                                                                             | Non-Through       | Water                              | 17.5 kg           | Flange                       | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>             | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK041          | A66RK041A                          | A66RK041B         | A66RK041C                    | A66RK041V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>               | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020064            | 020195                             | 020065            |                              | 020066                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK012          | A78RK034                           | A78RK013          |                              | A78RK030               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220609            | 220608 (Comp)                      |                   |                              | <b>Rear end Cover</b>  | 220613                            | <b>Conn Rod</b>  | 220361 (2)          |
| <b>Crankshaft</b>                                                                 | 220610            | 140015 (Nut)                       |                   |                              | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140135 (4)        | 140138 (4)                         | 140134 (8)        | 140036 (8)                   | 140138 (4)             | 140137 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>O Ring</b>                      | <b>O Ring</b>     | <b>Front &amp; Rear Bush</b> |                        |                                   |                  |                     |
|                                                                                   | 220611 (2)        | 160114                             | RM1000-30V        | 050262                       |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                          |                  |                              |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4941</b> |                          |                  |                              | <b>MAJORSELL REBUILD: 66A097R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | RVI                      |                  |                              |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 5001834772               | 500183773        | 5000694444                   |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>                  | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 65 mm                                                                               | Non-Through       | Water                              | 17.5 kg                  | Flange           | Engine Oil                   | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>           | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK041          | A66RK041A                          | A66RK041B                | A66RK041C        | A66RK041V                    |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>               |                                   |                  |                     |
|                                                                                     | 020064            | 020195                             | 020065                   |                  | 020066                       |                                   |                  |                     |
| <b>Rings</b>                                                                        | A78RK012          | A78RK034                           | A78RK013                 |                  | A78RK030                     |                                   |                  |                     |
| <b>Head</b>                                                                         | 220609            | 220608 (Comp)                      |                          |                  | <b>Rear end Cover</b>        | 220613                            | <b>Conn Rod</b>  | 220361 (2)          |
| <b>Crankshaft</b>                                                                   | 220610            | 140015 (Nut)                       |                          |                  | <b>Front end Cover</b>       |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140138 (4)        | 140137 (4)                         | 140135 (4)               | 140038 (4)       | 140134 (8)                   | 140036 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Sump Cover</b> | <b>Front Flange Seal</b>           | <b>Front Flange Ring</b> |                  | <b>Front &amp; Rear Bush</b> |                                   |                  |                     |
|                                                                                     | 220611 (2)        | 160114                             | RM100-30V                |                  | 050262                       |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4943</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A221R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                          | 5000694446        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 65 mm                                                                             | Non-Through                  | Water                              | 18 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK041                     | A66RK041A                          | A66RK041B         | A66RK041C        | A66RK041V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020064                       | 020195                             | 020065            |                  | 020066                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK012                     | A78RK034                           | A78RK013          |                  | A78RK030               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220609                       | 220608 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220613                            | <b>Conn Rod</b>  | 220361 (2)          |
| <b>Crankshaft</b>                                                                 | 220610                       | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140138 (4)                   | 140137 (2)                         | 140135 (4)        | 140038 (4)       | 140138 (4)             | 140134 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear bush</b> |                                    | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050262                       |                                    | 220611 (2)        | 160114           | RM1000-30V             |                                   |                  |                     |

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4944</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A141R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                       | RVI               |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                          | 5000691880        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 70 mm                                                                             | Non-Through                  | Water                              | 17 kg             | Engine Oil       | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK041                     | A66RK041A                          | A66RK041B         | A66RK041C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020074                       |                                    | 020075            |                  | 020201                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK015                     | A78RK036                           | A78RK016          |                  | A78RK017               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220609                       | 220608(Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                 |                              | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140134 (8)                   | 140036 (8)                         | 140137 (4)        | 140138 (4)       | 140135 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear bush</b> |                                    | <b>O Ring</b>     | <b>O Ring</b>    | <b>Conn Rod Bush</b>   |                                   |                  |                     |
|                                                                                   | 050262                       |                                    | RM1000-30V        | 160114           | 220263                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4948</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A134R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                       | DEUTZ             | IVECO            |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                          | 4222617           |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | Flange             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005CP                        | A66RK005V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220073            | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>    | 220069              |
| <b>Crankshaft</b>                                                                   | 220159            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (6)        | 140124 (4)       | 140134 (8)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>O Ring</b>     |                  |                        |                                   |                    |                     |
|                                                                                     | 050186            | 220153 (2)                         | RM1200-35V        |                  |                        |                                   |                    |                     |

## KNORR BREMSE LP SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: LP4949</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A024R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8112821           | 3118286          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Flange           | M18                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220073            | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220216            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Gasket</b>     | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050186            | 220153                             | 010259 (2)        | RM1150-30V       |                        |                                   |                  |                     |

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4955</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A164R</b> |                      |                     |
|                                                                                   |                              | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                              | <b>OE</b>                          |                   |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Through                      | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK005                     | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112                       | 020181                             | 020113            | 020199           | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010                     | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220414                       | 220955 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220956                            | <b>Conn Rod</b>      | 220069              |
| <b>Crankshaft</b>                                                                 | 220957                       | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)                   | 140132 (2)                         | 140138 (6)        | 140176 (4)       | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear bush</b> |                                    | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                   | 050186                       |                                    | 220153 (2)        | 010259 (2)       | 160114                 |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4957</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A029R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 571188            | 1513115          | 1349094                | 1531073                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220301            | 220607 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   | 220300            | 140129 (Pin)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                     | 050186            | 050215 (2)                         | 220153 (2)        | 010259 (2)       | RM 1150-30V            | 160114                            |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LP4960</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A015R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | PERKINS           | VOLVO            |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 8112851           | 8157550          | 85000065               | 20442353                          |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through     | Water                              | 23 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A66RK005        | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112          | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010        | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220073          | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220214          | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)      | 140132 (2)                         | 140138 (8)        | 140124 (4)       | 140197 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>O Ring</b>   | <b>Front Bush</b>                  | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | RM1150-30V      | 050186                             | 220153 (2)        |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4961</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A095R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                          | 01180445          | 1180445          | 971025                 |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220414            | 220619 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220621                            | <b>Conn Rod</b>      | 220069              |
| <b>Crankshaft</b>                                                                 | 220620            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140135 (4)       | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                   | 050186            | 050215 (2)                         | 220153 (2)        | 010259 (2)       | RM1180-30V             |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                    |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|--------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP4962</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 66A030R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                       | SCANIA            |                    |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                          | 1375867           |                    |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88mm                                                                                | Non-Through       | Water                              | 21 kg             | Flange             | Engine Oil             | 18mm                              | 26mm                 | 22mm                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C          | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199             | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080           | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220240            | 220185                             |                   |                    | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>      | 220069 (2)          |
| <b>Crankshaft</b>                                                                   | 220300 (2)        | 140129                             |                   |                    | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140124 (4)         | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>R Cover Seal</b>                | <b>Sump Cover</b> | <b>Sump Gasket</b> | <b>F Flange Seal</b>   | <b>Flange Ring</b>                |                      |                     |
|                                                                                     | 050186            | RM0920-30V                         | 220153 (2)        | 010259 (2)         | 160114                 | RM1150-30V                        |                      |                     |



## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4964</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A016R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                       | SCANIA            |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                          | 1380455           | 571286           | 1470303                | 1514063                           |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 21 kg             | Flange           | Engine Oil             | M16                               | M26                  | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK005          | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220185            | 220240 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>      | 220069              |
| <b>Crankshaft</b>                                                                 | 220300            | 140129 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140124 (4)       | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          | <b>Flange Seal</b>                |                      |                     |
|                                                                                   | 050186            | 050215 (2)                         | 220153 (2)        | 010259 (2)       | RM1150-30V             | 160129                            |                      |                     |

|                                                                                   |                       |                                    |                   |                   |                        |                                   |                      |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: LP4965</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A031R</b> |                      |                     |
|                                                                                   |                       | <b>Users</b>                       | SCANIA            |                   |                        |                                   |                      |                     |
|                                                                                   |                       | <b>OE</b>                          | 1380457           | 571287            | 1470304                | 1514064                           |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 88 mm                                                                             | Through               | Water                              | 21 kg             | Flange            | Engine Oil             | M18                               | M26                  | M22                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK005              | A66RK005A                          | A66RK005B         | A66RK005C         | A66RK005D              | A66RK005V                         | A66RK005CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020112                | 020181                             | 020113            | 020199            | 020129                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A66RK010              | A66RK079                           | A66RK011          | A66RK080          | A66RK015               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220185                | 220240 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220213                            | <b>Conn Rod</b>      | 220069              |
| <b>Crankshaft</b>                                                                 | 220302                | 140129 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140140 (6)            | 140132 (2)                         | 140138 (8)        | 140127 (4)        | 140134 (8)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>F &amp; R Bush</b> | <b>Flange Seal</b>                 | <b>Inserts</b>    | <b>Base Plate</b> | <b>Gasket</b>          | <b>Crankcase</b>                  | <b>O Ring</b>        | <b>O Ring</b>       |
|                                                                                   | 050186                | 160129                             | 050215            | 220153 (2)        | 010259 (2)             | 220266                            | RM1150-30V           | 160114              |

|                                                                                     |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4967</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A017R</b> |                  |                     |
|                                                                                     |                              | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                     |                              | <b>OE</b>                          | 9521675           | 81130239         | 8113023                |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through                  | Water                              | 20 Kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK005                     | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP       |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112                       | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010                     | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220073                       | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   | 220159                       | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)                   | 140132 (2)                         | 140138 (8)        | 140124 (4)       | 140134 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front &amp; Rear Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Inserts</b>   | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                     | 050186                       | 050215                             | 220153 (2)        | 010259 (2)       | RM1150-30V             |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4968</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A026R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                          | 9521897           | 8113053          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through                      | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK005                     | A66RK005A                          | A66RK005B         | A66RK005C        | A66RK005D              | A66RK005V                         | A66RK005CP       |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112                       | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010                     | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220073                       | 220556 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220216                       | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)                   | 140132 (2)                         | 140138 (8)        | 140135 (4)       | 140134 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> |                                    | <b>Inserts</b>    | <b>Gasket</b>    | <b>Base Plate</b>      | <b>O Ring</b>                     |                  |                     |
|                                                                                   | 050186                       |                                    | 050215            | 010259 (2)       | 220153                 | RM1150-30V                        |                  |                     |

|                                                                                   |                              |                                               |                     |                  |                         |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: LP4871 K035001N00</b> |                     |                  |                         | <b>MAJORSELL REBUILD: 66A020R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                                  | CUMMINS             |                  |                         |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                                     | 5257958             |                  |                         |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                                | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>             | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 86 mm                                                                             | Through                      | Water                                         | 19 Kg               | Flange           | Engine Oil              | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                               | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>      | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK091                     | A66RK091A                                     | A66RK091B           | A66RK091C        | A66RK092V1              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                                | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>          |                                   |                  |                     |
|                                                                                   | 020127                       | 020180                                        | 020128              | 020188           | 020164                  |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030                     | A66RK081                                      | A66RK032            | A66RK082         | A66RK068                |                                   |                  |                     |
| <b>Head</b>                                                                       | 220386                       | 220385 (Comp)                                 |                     |                  | <b>Rear end Cover</b>   |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 |                              |                                               |                     |                  | <b>Front end Cover</b>  |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (6)                   | 140138 (4)                                    | 140135 (4)          | 140125 (4)       |                         |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> |                                               | <b>Base Plate</b>   | <b>Gasket</b>    | <b>End Cover Gasket</b> |                                   | <b>Gasket</b>    | <b>O Ring</b>       |
|                                                                                   | 050204                       |                                               | 220097 (2)          | 010208 (2)       | 010094                  |                                   | 010445           | BS012V              |
|                                                                                   | <b>O Ring</b>                | <b>O Ring</b>                                 | <b>Liner Sleeve</b> |                  |                         |                                   |                  |                     |
|                                                                                   | RM-1250-30V                  | BS642V                                        | 020996              |                  |                         |                                   |                  |                     |

|                                                                                     |                       |                                    |                   |                          |                        |                                   |                  |                     |
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|  |                       | <b>MAJORSELL PARTS FOR: LP4981</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A197R</b> |                  |                     |
|                                                                                     |                       | <b>Users</b>                       | CAT               |                          |                        |                                   |                  |                     |
|                                                                                     |                       | <b>OE</b>                          |                   |                          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>          | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through           | Water                              | 23 Kg             | Flange                   | Engine Oil             | 3/4"                              | 1 1/16"          | 1 1/16"             |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>       | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK098              | A66RK098A                          | A66RK098B         | A66RK005C                | A66RK005D              | A66RK005V                         | A66RK005CP       |                     |
| <b>Piston</b>                                                                       | <b>Std</b>            | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112                | 020181                             | 020113            | 020199                   | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010              | A66RK079                           | A66RK011          | A66RK080                 | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220582                | 220581 (Comp)                      |                   |                          | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   |                       | 140301 (Nut)                       |                   |                          | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)            | 140132 (2)                         | 140138 (8)        | 140124 (2)               | 140197 (8)             | 140351 (2)                        | 140353           |                     |
| <b>Other Parts</b>                                                                  | <b>Roller Bearing</b> | <b>Gasket</b>                      | <b>Base Plate</b> | <b>Cover Seal (Rear)</b> |                        | <b>Flange Gasket</b>              |                  |                     |
|                                                                                     | 3307                  | 010259 (2)                         | 220153 (2)        | RM0920-30V               |                        | 010093                            |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                     |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|---------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP4983</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A096R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | DAF                 |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 1396282             |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 20 kg               | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B           | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113              | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011            | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220322            | 220557 (Comp)                      |                     |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220614            | 140129 (Nut)                       |                     |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140131 (2)                         | 140138 (8)          | 140124 (2)       | 140138 (4)             | 140197 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                      | <b>Liner Sleeve</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050186            | RM1150-30V                         | 020992              |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4984</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A108R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220322            | 220557 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069 (2)          |
| <b>Crankshaft</b>                                                                 | 220159            |                                    |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140124 (2)       | 140315 (2)             | 140197 (8)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Gasket</b>                      | <b>O Ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          | <b>Base Plate</b>                 |                  |                     |
|                                                                                   | 050186            | 010259 (2)                         | RM1000-30V        | RM0170-20        | RM0820-30S             | 220153 (2)                        |                  |                     |

|                                                                                     |                   |                                    |                   |                     |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LP4985</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 66A018R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             |                     |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 8113405           | 3173001             | II37760                | K000229                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 22 kg             | Flange              | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C           | A66RK034V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199              | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080            | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220217            | 220565 (Comp)                      |                   |                     | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   | 220214            | 140016 (Nut)                       |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140124 (4)          | 140197 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                  | <b>Gasket</b>     | <b>Liner Sleeve</b> | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                     | 050186            | 220153 (2)                         | 010259 (2)        | 020992              | RM1250-30V             | 020992                            |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4991</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A082R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8113564           | 7030442          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220217            | 220565 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220214            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050186            | 050215                             | 220153 (2)        | 010259 (2)       | RM1250-30V             |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4992</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A086R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 70330098          | 85000199         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220217            | 220565 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220214            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          | <b>Sump Cover with Port</b>       |                  |                     |
|                                                                                   | 050186            | 050215                             | 220153            | 010259 (2)       | RM1250-30V             | 220420                            |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4993</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A083R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | 8113565           | 70303443         | 70330001               | 1138779                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                               | Non-Through       | Water                              | 22 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              | A66RK005CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220219            | 220602 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                   | 220216            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                     | 050186            | 050215                             | 220153            | 010259           | RM1150-30V             |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                   |                   |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4994</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A109R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8113566           | 70303444          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Non-Through       | Water                              | 22 kg             | Flange            | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C         | A66RK034V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199            | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080          | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220216            | 140016 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140134 (8)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                   | <b>Inserts</b>    | <b>Base Plate</b> | <b>Gasket</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                   | 050186            | 050186                             | 050215            | 220153 (2)        | 010259 (2)             | RM1150-30V                        |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LP4996</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A081R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 8113567           | 70303446         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 88 mm                                                                             | Through           | Water                              | 20 kg             | Flange           | Engine Oil             | M16                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A66RK034          | A66RK034A                          | A66RK034B         | A66RK034C        | A66RK034V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020112            | 020181                             | 020113            | 020199           | 020129                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK010          | A66RK079                           | A66RK011          | A66RK080         | A66RK015               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220219            | 220602 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220083                            | <b>Conn Rod</b>  | 220069              |
| <b>Crankshaft</b>                                                                 | 220159            | 140016 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140140 (6)        | 140132 (2)                         | 140138 (8)        | 140124 (4)       | 140197 (8)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                     | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050186            | 050215                             | 220153 (2)        | 010259 (2)       | RM1150-30V             |                                   |                  |                     |

|                                                                                     |                  |                                                |                   |                   |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: LS3907 K035435N004</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A257R</b> |                  |                     |
|                                                                                     |                  | <b>Users</b>                                   |                   |                   |                        |                                   |                  |                     |
|                                                                                     |                  | <b>OE</b>                                      |                   |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                                 | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92mm                                                                                | Through          | Water                                          | 17.5kg            | Side              | Engine                 | 16mm                              | Flange           | 26mm                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                                | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A66RK106         | A66RK106A                                      | A66RK106B         | A66RK106C         | A66RK065V1             | A66RK065CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>0.25 mm</b>                                 | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020158           | 020182                                         | 020159            | 020207            | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A66RK060         | A66RK086                                       | A66RK061          | A66RK087          | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220486           | 220244                                         |                   |                   | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                   | 220950           |                                                |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (4)       | 140138 (4)                                     | 140124 (3)        |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Crank Bush</b>                              | <b>Core Plug</b>  | <b>Base Plate</b> | <b>Base Gasket</b>     | <b>Drive Gear</b>                 | <b>Valve</b>     | <b>Drive Gear</b>   |
|                                                                                     | 050267           | 050293                                         | 220223            | 220271            | 010276                 | 220476                            | 230051           | 220487              |
|                                                                                     | <b>Washer</b>    | <b>O Ring</b>                                  | <b>O Ring</b>     |                   |                        |                                   |                  |                     |
|                                                                                     | 140098           | RM0120-20V                                     | RM1250-30V        |                   |                        |                                   |                  |                     |

## KNORR BREMSE LP SERIES

|                                                                                                         |                  |                                                |                   |                   |                        |                                   |                  |                     |
|---------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
| <br>NO IMAGE AVAILABLE |                  | <b>MAJORSELL PARTS FOR: LS3907 K071325N004</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A257R</b> |                  |                     |
|                                                                                                         |                  | <b>Users</b>                                   |                   |                   |                        |                                   |                  |                     |
|                                                                                                         |                  | <b>OE</b>                                      |                   |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                                             | <b>Drive</b>     | <b>Cooling</b>                                 | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 92mm                                                                                                    | Through          | Water                                          | 17.5kg            | Side              | Engine                 | 16mm                              | Flange           | 26mm                |
| <b>Repair Kits</b>                                                                                      | <b>Full Kit</b>  | <b>Head Kit</b>                                | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                                         | A66RK106         | A66RK106A                                      | A66RK106B         | A66RK106C         | A66RK065V1             | A66RK065CP                        |                  |                     |
| <b>Piston</b>                                                                                           | <b>Std</b>       | <b>0.25 mm</b>                                 | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                                         | 020158           | 020182                                         | 020159            | 020207            | 020160                 |                                   |                  |                     |
| <b>Rings</b>                                                                                            | A66RK060         | A66RK086                                       | A66RK061          | A66RK087          | A66RK062               |                                   |                  |                     |
| <b>Head</b>                                                                                             | 220486           | 220244                                         |                   |                   | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>  | 220044              |
| <b>Crankshaft</b>                                                                                       | 220950           |                                                |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                                            | 140140 (4)       | 140138 (4)                                     | 140124 (3)        |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                                      | <b>Rear Bush</b> | <b>Crank Bush</b>                              | <b>Core Plug</b>  | <b>Base Plate</b> | <b>Base Gasket</b>     | <b>Drive Gear</b>                 | <b>Valve</b>     | <b>Drive Gear</b>   |
|                                                                                                         | 050267           | 050293                                         | 220223            | 220271            | 010276                 | 220476                            | 230051           | 220487              |
|                                                                                                         | <b>Washer</b>    | <b>O Ring</b>                                  | <b>O Ring</b>     |                   |                        |                                   |                  |                     |
|                                                                                                         | 140098           | RM0120-20V                                     | RM1250-30V        |                   |                        |                                   |                  |                     |



## MARELLI SERIES

|                                                                                   |                   |                                      |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: ACX61ZAG</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                         | IVECO             |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                            | K007546           | 99440231         | 98421114               | 65266172                  |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                       | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 65 mm                                                                             | Non-Through       | Water                                |                   | Base             | Engine Oil             | M16                       | Flange           | M24                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                      | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A78RK009          | A78RK009A                            | A78RK009B         | A78RK009C        | A78RK009V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                       | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020064            | 020195                               | 020065            |                  | 020066                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A78RK012          | A78RK034                             | A78RK013          |                  | A78RK030               |                           |                  |                     |
| <b>Head</b>                                                                       |                   | 220027 (Comp)                        |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                      |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                      |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Inserts</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                   | 050141            | 050129                               |                   |                  |                        |                           |                  |                     |

\* 220027 - Supplied Assembled

|                                                                                   |                 |                                     |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: AC63ZAG</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                        | IVECO             |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                           | AC63ZA            | K007616          |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 70 mm                                                                             | Non-Through     | Water                               | 7 kg              | Flange           |                        | M16                       | Flange           | M24                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A78RK014        | A78RK014A                           | A78RK014B         | A78RK009C        | A78RK009V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020074          |                                     | 020075            |                  | 020201                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A78RK015        |                                     | A78RK016          |                  | A78RK037               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                     |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                     |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                     |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                     |                   |                  |                        |                           |                  |                     |

|                                                                                     |                 |                                     |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: AC63ZBG</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                        |                   |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                           | AC63ZB            | K007624          | 99440223               | 65256373                  | 06526373         |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 70 mm                                                                               | Non-Through     | Water                               | 7 Kg              | Flange           |                        | M16                       | Flange           | M24                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A78RK014        | A78RK014A                           | A78RK014B         | A78RK009C        | A78RK009V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020074          |                                     | 020075            |                  | 020201                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A78RK015        |                                     | A78RK016          |                  | A78RK037               |                           |                  |                     |
| <b>Head</b>                                                                         |                 | 220027 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220361              |
| <b>Crankshaft</b>                                                                   |                 |                                     |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                     |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                     |                   |                  |                        |                           |                  |                     |

\* 220027 - Supplied Assembled

## MARELLI SERIES

|                                                                                   |                 |                                     |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: AC64ZCG</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 78A001R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                        |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                           | K007513           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 70 mm                                                                             | Non-Through     | Water                               |                   | Flange           |                        | M16                               | Flange           | M24                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A78RK014        | A78RK014A                           | A78RK014B         | A78RK009C        | A78RK009V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020074          |                                     | 020075            |                  | 020201                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK015        |                                     | A78RK016          |                  | A78RK037               |                                   |                  |                     |
| <b>Head</b>                                                                       |                 | 220027 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                     |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                     |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                     |                   |                  |                        |                                   |                  |                     |

\* 220027 - Supplied Assembled

|                                                                                   |                  |                                     |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|------------------|-------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: ACX67AA</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                        |                   |                  |                        |                           |                  |                     |
|                                                                                   |                  | <b>OE</b>                           | ACX67AAG          | K007564          |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Non-Through      | Water                               | 10 kg             | Flange           |                        | M16                       | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   |                  | A78RK001A                           | A78RK001B         | A78RK001C        | A78RK001V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020057           | 020192                              | 020059            | 020193           | 020194                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A78RK002         | A78RK031                            | A78RK004          | A78RK032         | A78RK033               |                           |                  |                     |
| <b>Head</b>                                                                       | 220045           | 220028 (Comp)                       |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                  |                                     |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                  |                                     |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Inserts</b>                      |                   |                  |                        |                           |                  |                     |
|                                                                                   | 050158           | 050129                              |                   |                  |                        |                           |                  |                     |

\* 220028 - Supplied Assembled

|                                                                                     |                 |                                             |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: ACX66B, ACX66BG</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                                | IVECO             |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                                   | K007555           | 98421105         |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                              | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 70 mm                                                                               | Non-Through     | Water                                       |                   | Base             |                        | M16                       | Flange           | M24                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                             | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A78RK014        | A78RK014A                                   | A78RK014B         | A78RK009C        | A78RK009V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                              | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020074          |                                             | 020075            |                  | 020201                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A78RK015        |                                             | A78RK016          |                  | A78RK037               |                           |                  |                     |
| <b>Head</b>                                                                         |                 | 220027 (Comp)                               |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                             |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                             |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                             |                   |                  |                        |                           |                  |                     |

\* 220027 - Supplied Assembled

## MARELLI SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: ACX68D</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 78A005R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 500310900         | K007381          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 65 mm                                                                             | Non-Through       | Water                              | 11 kg             | Flange           | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A78RK019          | A78RK019A                          | A78RK019B         |                  | A78RK019V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020064            | 020195                             | 020065            |                  | 020066                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK012          | A78RK034                           | A78RK013          |                  | A78RK030               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220806            | 220807 (Comp)                      |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220361              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                       |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140169 (4)        | 140157 (4)                         | 140124 (4)        | 140138 (4)       | 140154 (4)             | 140162 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Flange Gasket</b>               | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050241            | 010364                             | 220097            |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: ACX69D</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 78A004R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       |                   |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 98465001          | 500310901         | K007388                | ACX69DXU                          | ACX69DAT         |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Non-Through       | Air                                | 10 kg             | Flange            | Engine Oil             | N/A                               | 16 mm            | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A78RK019          | A78RK019A                          | A78RK019B         |                   | A78RK019V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020057            | 020192                             | 020059            | 020193            | 020194                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK002          | A78RK031                           | A78RK004          | A78RK032          | A78RK033               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220806            | 220807 (Comp)                      |                   |                   | <b>Rear end Cover</b>  | 220362                            | <b>Conn Rod</b>  | 220361              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                       |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140169 (4)        | 140137 (4)                         | 140124 (4)        | 140138 (4)        | 140154 (4)             | 140036 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>R Cov Seal</b>                  | <b>Sump Cover</b> | <b>Cov Gasket</b> | <b>Front Oil Seal</b>  | <b>Flange Gasket</b>              |                  |                     |
|                                                                                   | 220219            | BS153                              | 220097            | 010208            | 110037                 | 010364                            |                  |                     |

|                                                                                     |                   |                                     |                   |                     |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: ACX69DX</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 78A013R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                        |                   |                     |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                           |                   |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80mm                                                                                | Through           | Water                               | 10kg              | Flange              | Engine                 | M16                               | Manifold         | 26mm                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A78RK019          | A78RK019A                           | A78RK019B         |                     |                        |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020057            |                                     | 020059            |                     |                        |                                   |                  |                     |
| <b>Rings</b>                                                                        | A78RK002          |                                     | A78RK004          |                     |                        |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                     |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                        |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140169 (4)        | 140137 (4)                          | 140124 (4)        | 140138 (4)          | 140125 (4)             | 140036 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>R. Cover Seal</b>                | <b>Sump Cover</b> | <b>Cover Gasket</b> | <b>Front Oil Seal</b>  | <b>Flange Gasket</b>              |                  |                     |
|                                                                                     | 050219            | BS153                               | 220097            | 010208              | 110037                 | 010364                            |                  |                     |

## MARELLI SERIES

|                                                                                   |                              |                                      |                          |                  |                        |                                   |                   |                     |
|-----------------------------------------------------------------------------------|------------------------------|--------------------------------------|--------------------------|------------------|------------------------|-----------------------------------|-------------------|---------------------|
|  |                              | <b>MAJORSELL PARTS FOR: ACX75ZFG</b> |                          |                  |                        | <b>MAJORSELL REBUILD: 78A008R</b> |                   |                     |
|                                                                                   |                              | <b>Users</b>                         | IVECO                    |                  |                        |                                   |                   |                     |
|                                                                                   |                              | <b>OE</b>                            | 04797945                 | 04839300         | 99440236               | 98421114                          | K007570           |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                       | <b>Weight</b>            | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 80 mm                                                                             | Non-Through                  | Water                                | 14 kg                    | Flange           | Engine                 | Manifold                          | Manifold          | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                      | <b>Gasket Kit</b>        | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A78RK007                     | A78RK007A                            | A78RK007B                | A78RK007C        | A78RK007V              |                                   |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                       | <b>0.50 mm</b>           | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                   |                     |
|                                                                                   | 020060                       | 020190                               | 020062                   |                  | 020191                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A78RK002                     | A78RK031                             | A78RK004                 | A78RK032         | A78RK033               |                                   |                   |                     |
| <b>Head</b>                                                                       | 220336                       | 220550 (Comp)                        |                          |                  | <b>Rear end Cover</b>  | 220367                            | <b>Conn Rod</b>   |                     |
| <b>Crankshaft</b>                                                                 |                              |                                      |                          |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140322 (6)                   | 140124 (4)                           | 140138 (4)               | 140125 (8)       | 140162 (8)             |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Rear End Cover Gasket</b> |                                      | <b>Sump Cover Gasket</b> |                  | <b>Seal</b>            | <b>F Flange Seal</b>              | <b>Drive Gear</b> |                     |
|                                                                                   | 010322                       |                                      | 010259                   |                  | BS153                  | 010364                            | 220510            |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: ACX82A</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | K007374           |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 80 mm                                                                             | Non-Through     | Water                              | 14 kg             | Flange           |                        | Flange                    | Flange           | Flange              |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Mounting Kit</b>    | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A78RK021        | A78RK021A                          | A78RK021B         | A78RK021C        | A67RK050F              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020057          | 020192                             | 020059            | 020193           | 020194                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A78RK002        | A78RK031                           | A78RK004          | A78RK032         | A78RK033               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: ACX83A</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                       | IVECO             |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                          | 4850697           | 04850697         | 99476239               |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 82 mm                                                                               | Non-Through     | Water                              |                   | Flange           |                        | Flange                    | Flange           | Flange              |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Mounting Kit</b>    | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A78RK021        | A78RK021A                          | A78RK021C         | A78RK021         | A67RK050F              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020099          | 020202                             | 020100            |                  | 020168                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A78RK024        | A78RK035                           | A78RK025          |                  | A78RK029               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                    |                   |                  |                        |                           |                  |                     |

## MARELLI SERIES

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: ACX83B</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 500314094         |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                     | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 82 mm                                                                             | Non-Through     | Water                              |                   | Flange           |                        | Flange                    | Flange           | Flange              |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                    | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Mounting Kit</b>    | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A78RK021        | A78RK021A                          | A78RK021B         | A78RK021C        | A67RK050F              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                     | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020099          | 020202                             | 020100            |                  | 020168                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A78RK024        | A78RK035                           | A78RK025          |                  | A78RK029               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                    |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                    |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                    |                      |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|----------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: ACX83D</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 78A002R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                       | IVECO                |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                          | 500310903            | 65808374         | K007254                |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                     | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 82 mm                                                                             | Non-Through       | Water                              | 14.5 kg              | Flange           | Engine Oil             | Manifold                          | Manifold         | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                    | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A78RK022          | A78RK022A                          | A78RK022B            | A78RK021C        |                        | A78RK021V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                     | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020099            | 020202                             | 020100               |                  | 020168                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A78RK024          | A78RK035                           | A78RK025             |                  | A78RK029               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220335            | 220241 (Comp)                      |                      |                  | <b>Rear end Cover</b>  | 220362                            | <b>Conn Rod</b>  | 220361 (2)          |
| <b>Crankshaft</b>                                                                 | 220363            | 140015 (Nut)                       |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140322 (6)        | 140288 (2)                         | 140138 (2)           | 140137 (6)       | 140124 (4)             | 140125 (8)                        | 140036 (8)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Port Gasket</b>                 | <b>Flange Gasket</b> |                  | <b>Oil Seal</b>        |                                   |                  |                     |
|                                                                                   | 050262            | 010363 (4)                         | 010364               |                  | 110037                 |                                   |                  |                     |

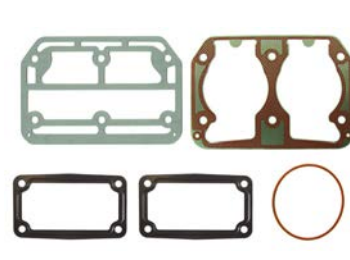
|                                                                                     |                 |                                     |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|-------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: ACX83DX</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                        | IVECO             |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                           | 500329613         | 65808374         | K007304                |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                      | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 82 mm                                                                               | Through         | Water                               | 15 kg             | Flange           |                        | Flange                    | Flange           | Flange              |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                     | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Mounting Kit</b>    | <b>Valve Plate</b>        |                  |                     |
|                                                                                     | A78RK022        | A78RK022A                           | A78RK022B         | A78RK021C        | A67RK050F              | A78RK021V                 |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                      | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020099          | 020202                              | 020100            |                  | 020168                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A78RK024        | A78RK035                            | A78RK025          |                  | A78RK029               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                     |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                     |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                     |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                     |                   |                  |                        |                           |                  |                     |

## REPAIR KITS

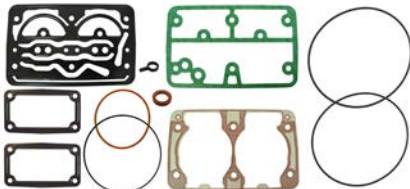
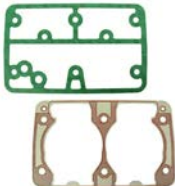
### A66RK001

|                                                                                   |  |  |                                                                                     |
|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------|
|  |  |  |  |
| Valve Kit: <b>A66RK001C</b>                                                       |  |  | Valve Plate: <b>A66RK001V</b>                                                       |

### A66RK004

|                                                                                    |                                                                                   |                                                                                      |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |   |
| Full Kit: <b>A66RK004</b>                                                          | Head Kit: <b>A66RK004A</b>                                                        | Gasket Kit: <b>A66RK004B</b>                                                         |
|  |                                                                                   |  |
| Valve Kit: <b>A66RK004C</b>                                                        |                                                                                   | Valve Plate: <b>A66RK004V</b>                                                        |

### A66RK005

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK005</b>                                                           | Head Kit: <b>A66RK005A</b>                                                           | Gasket Kit: <b>A66RK005B</b>                                                          |                                                                                       |
|  |   |   |  |
| Valve Kit: <b>A66RK005C</b>                                                         | Ess Kit: <b>A66RK005D</b>                                                            | Ess Kit: <b>A66RK005D1</b>                                                            | Valve Plate: <b>A66RK005V</b>                                                         |
|  |   |                                                                                       |                                                                                       |
| Valve Kit: <b>A66RK005A1</b>                                                        | Cooling Plate: <b>A66RK005CP</b>                                                     |                                                                                       |                                                                                       |



## REPAIR KITS

### A66RK007

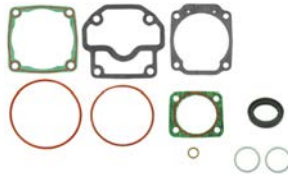
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|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK007</b>                                                         | Head Kit: <b>A66RK007A</b>                                                         | Gasket Kit: <b>A66RK007B</b>                                                        |  |
|  |   |   |  |
| Valve Kit: <b>A66RK007C</b>                                                       | Valve Plate: <b>A66RK007V</b>                                                      | Cooling Plate <b>A66RK007CP</b>                                                     |  |

### A66RK008

|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |   |  |
| Full Kit: <b>A66RK008</b>                                                           | Head Kit: <b>A66RK008A</b>                                                          | Gasket Kit: <b>A66RK008B</b>                                                         |
|  |  |                                                                                      |
| Valve Kit: <b>A66RK008C</b>                                                         | Valve Plate: <b>A66RK008V</b>                                                       |                                                                                      |

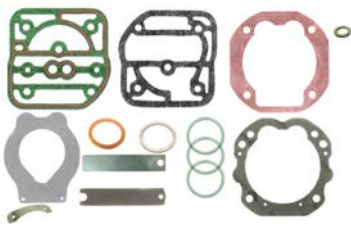
### A66RK009

### A66RK017

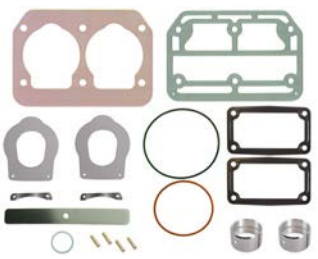
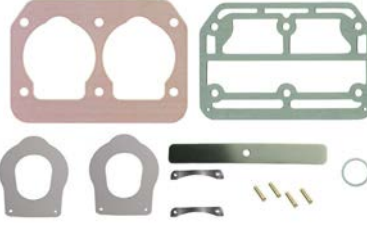
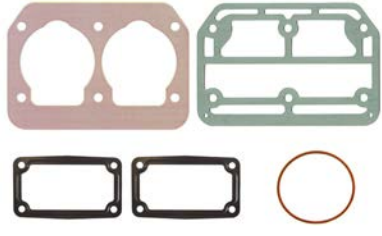
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK009</b>                                                           | Full Kit: <b>A66RK017</b>                                                           | Head Kit: <b>A66RK017A</b>                                                            |  |
|  |  |   |  |
| Gasket Kit: <b>A66RK017B</b>                                                        | Valve Kit: <b>A66RK017C</b>                                                         | Valve Plate: <b>A66RK017V</b>                                                         |  |

## REPAIR KITS

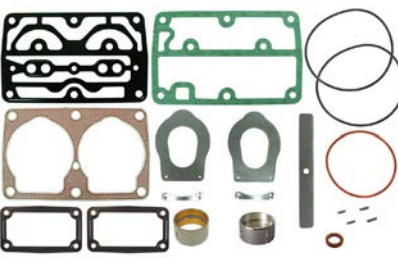
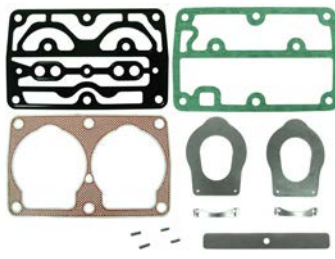
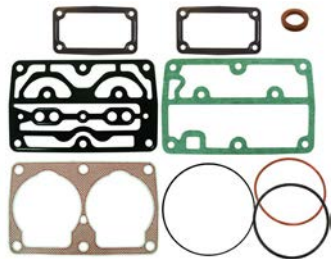
### A66RK020

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK020</b>                                                         | Head Kit: <b>A66RK020A</b>                                                        | Gasket Kit: <b>A66RK020B</b>                                                        |
|  |  |  |
| Valve Kit: <b>A66RK020C</b>                                                       | Valve Plate: <b>A66RK020V</b>                                                     | Valve Plate: <b>A66RK020V2</b>                                                      |

### A66RK031

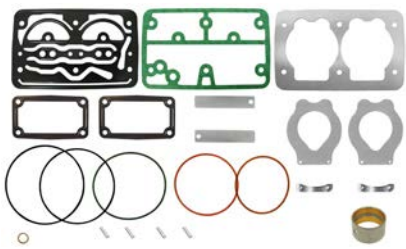
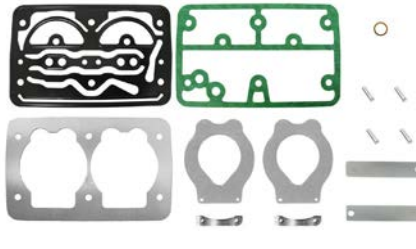
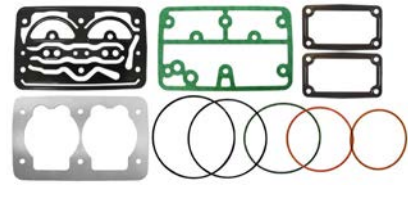
|                                                                                     |                                                                                    |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |   |
| Full Kit: <b>A66RK031</b>                                                           | Head Kit: <b>A66RK031A</b>                                                         | Gasket Kit: <b>A66RK031B</b>                                                          |
|  |                                                                                    |  |
| Valve Kit: <b>A66RK031C</b>                                                         |                                                                                    | Valve Plate: <b>A66RK031V</b>                                                         |

### A66RK033

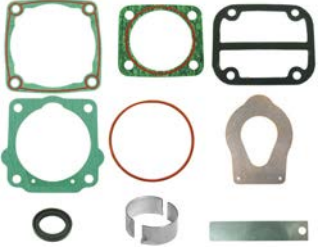
|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK033</b>                                                           | Head Kit: <b>A66RK033A</b>                                                          | Gasket Kit: <b>A66RK033B</b>                                                          |
|  |  |   |
| Valve Kit: <b>A66RK033V1</b>                                                        | Ess Kit: <b>A66RK033VB</b>                                                          | Ess Kit: <b>A66RK033CP</b>                                                            |

## REPAIR KITS

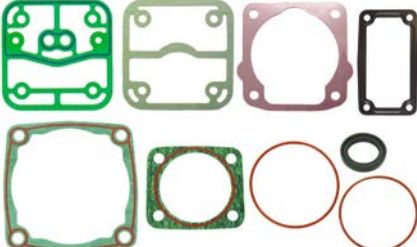
### A66RK034

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK034</b>                                                         | Head Kit: <b>A66RK034A</b>                                                         | Gasket Kit: <b>A66RK034B</b>                                                        |
|  |                                                                                    |  |
| Valve Kit: <b>A66RK034C</b>                                                       |                                                                                    | Valve Plate: <b>A66RK034V</b>                                                       |

### A66RK035

|                                                                                     |  |  |  |                                                                                    |  |                                                                                       |
|-------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|
|   |  |  |  |  |  |                                                                                       |
| Full Kit: <b>A66RK035</b>                                                           |  |  |  | Head Kit: <b>A66RK035A</b>                                                         |  |                                                                                       |
|  |  |  |  |                                                                                    |  |  |
| Valve Kit: <b>A66RK035C</b>                                                         |  |  |  |                                                                                    |  | Valve Plate: <b>A66RK035V</b>                                                         |

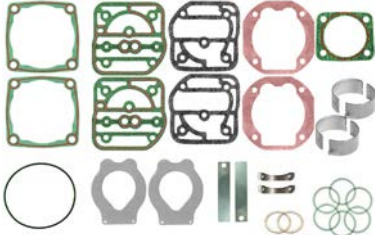
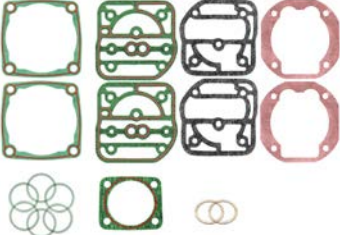
### A66RK038

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK038</b>                                                           | Head Kit: <b>A66RK038A</b>                                                          | Gasket Kit: <b>A66RK038B</b>                                                          |                                                                                       |
|  |                                                                                     |                                                                                       |  |
| Valve Kit: <b>A66RK038C</b>                                                         |                                                                                     |                                                                                       | Valve Plate: <b>A66RK038V</b>                                                         |



## REPAIR KITS

### A66RK039

|                                                                                   |                                                                                   |                                                                                     |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK039</b>                                                         | Head Kit: <b>A66RK039A</b>                                                        | Gasket Kit: <b>A66RK039B</b>                                                        |  |
|  |                                                                                   |                                                                                     |  |
| Valve Kit: <b>A66RK039C</b>                                                       |                                                                                   |                                                                                     |  |

### A66RK041

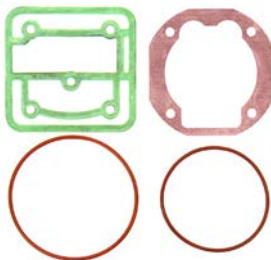
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### A66RK042

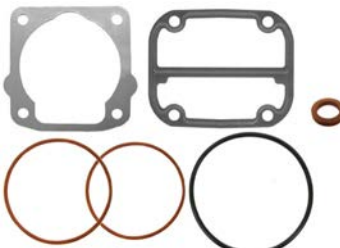
|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK042</b>                                                           | Head Kit: <b>A66RK042A</b>                                                          | Gasket Kit: <b>A66RK042B</b>                                                          |                                                                                       |
|  |  |   |  |
| Valve Kit: <b>A66RK042C</b>                                                         | Ess Kit: <b>A66RK042D</b>                                                           | Ess Kit: <b>A66RK042D1</b>                                                            | Valve Plate: <b>A66RK042V</b>                                                         |

## REPAIR KITS

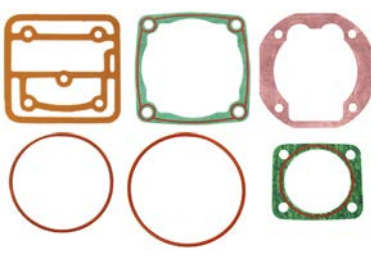
### A66RK043

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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK043</b>                                                         | Head Kit: <b>A66RK043A</b>                                                        | Gasket Kit: <b>A66RK043B</b>                                                        |
|                                                                                   |                                                                                   |                                                                                     |
|                                                                                   |                                                                                   |                                                                                     |

### A66RK044

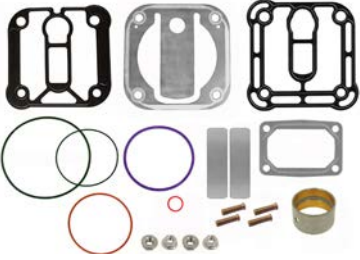
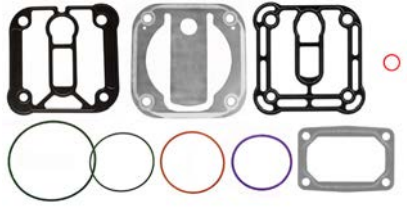
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|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |   |
| Full Kit: <b>A66RK044</b>                                                           | Head Kit: <b>A66RK044A</b>                                                         | Gasket Kit: <b>A66RK044B</b>                                                          |
|  |                                                                                    |                                                                                       |
| Valve Kit: <b>A66RK044C</b>                                                         |                                                                                    |                                                                                       |
|                                                                                     |                                                                                    |  |
|                                                                                     |                                                                                    | Valve Plate: <b>A66RK044V</b>                                                         |

### A66RK045

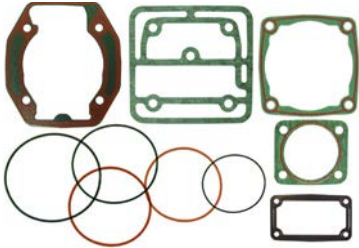
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK045</b>                                                           | Head Kit: <b>A66RK045A</b>                                                          | Gasket Kit: <b>A66RK045B</b>                                                          |                                                                                       |
|                                                                                     |                                                                                     |   |  |
|                                                                                     |                                                                                     | Valve Plate: <b>A66RK045V</b>                                                         | Valve Plate: <b>A66RK045V1</b>                                                        |

## REPAIR KITS

### A66RK046

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK046</b>                                                         | Head Kit: <b>A66RK046A</b>                                                         | Gasket Kit: <b>A66RK046B</b>                                                        |
|  |                                                                                    |  |
| Valve Kit: <b>A66RK046C</b>                                                       |                                                                                    | Valve Plate: <b>A66RK046V</b>                                                       |

### A66RK047

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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |   |
| Full Kit: <b>A66RK047</b>                                                           | Head Kit: <b>A66RK047A</b>                                                          | Gasket Kit: <b>A66RK047B</b>                                                          |
|  |                                                                                     |  |
| Valve Kit: <b>A66RK047C</b>                                                         |                                                                                     | Valve Plate: <b>A66RK047V</b>                                                         |

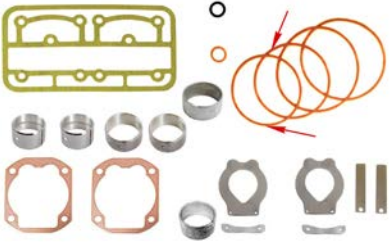
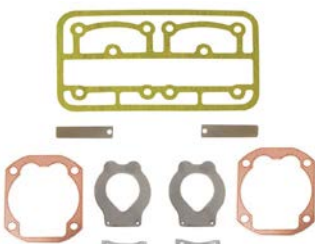
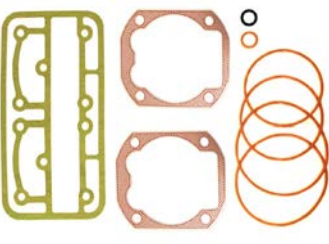
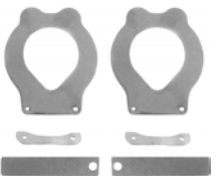
### A66RK048

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|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK048</b>                                                           | Head Kit: <b>A66RK048A</b>                                                           | Gasket Kit: <b>A66RK048B</b>                                                          |
|                                                                                     |                                                                                      |                                                                                       |
|                                                                                     |                                                                                      |                                                                                       |

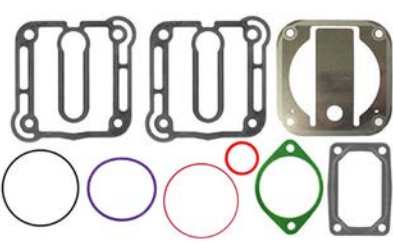


## REPAIR KITS

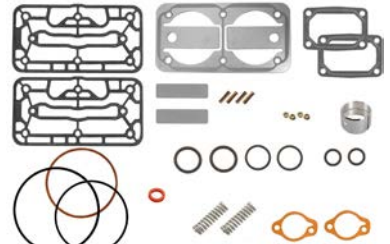
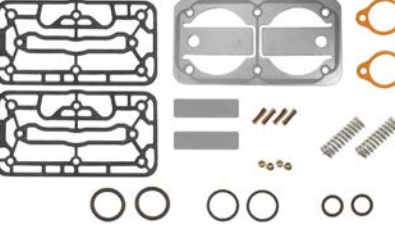
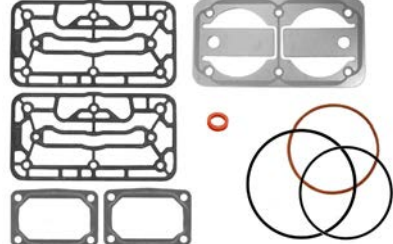
### A66RK057

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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK057</b>                                                         | Head Kit: <b>A66RK057A</b>                                                        | Gasket Kit: <b>A66RK057B</b>                                                        |
|  |                                                                                   |  |
| Valve Kit: <b>A66RK057C</b>                                                       |                                                                                   | Valve Plate: <b>A66RK057V</b>                                                       |

### A66RK058

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |   |
| Full Kit: <b>A66RK058</b>                                                           | Head Kit: <b>A66RK058A</b>                                                          | Gasket Kit: <b>A66RK058B</b>                                                          |
|  |  | <p><b>IN DEVELOPMENT</b></p>                                                          |
| Valve Kit: <b>A66RK058C</b>                                                         | Ess Kit: <b>A66RK058D</b>                                                           | Cooling Plate: <b>A66RK058CP</b>                                                      |
|                                                                                     |                                                                                     |  |
|                                                                                     |                                                                                     | Valve Plate: <b>A66RK058V</b>                                                         |

### A66RK059

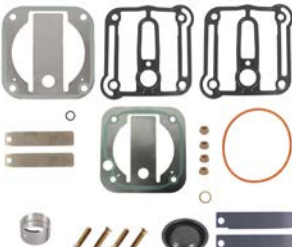
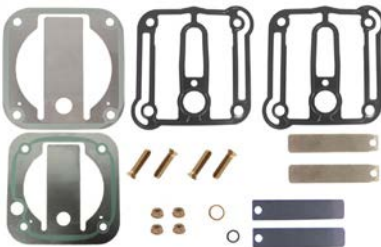
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK059</b>                                                           | Head Kit: <b>A66RK059A</b>                                                          | Gasket Kit: <b>A66RK059B</b>                                                          |
|  |                                                                                     |                                                                                       |
| Valve Kit: <b>A66RK059C</b>                                                         |                                                                                     |                                                                                       |

## REPAIR KITS

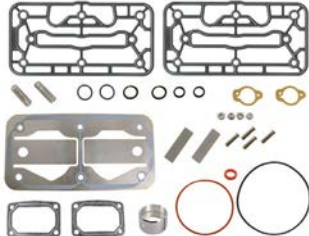
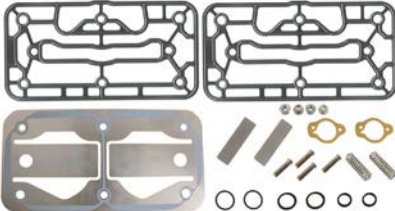
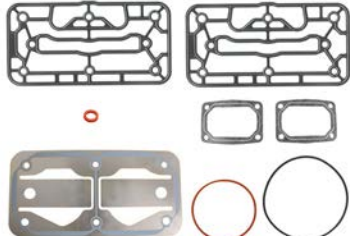
### A66RK064

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK064</b>                                                         | Head Kit: <b>A66RK064A</b>                                                        | Gasket Kit: <b>A66RK064B</b>                                                        |
|  |                                                                                   |  |
| Valve Kit: <b>A66RK064C</b>                                                       |                                                                                   | Valve Plate: <b>A66RK064V</b>                                                       |

### A66RK065

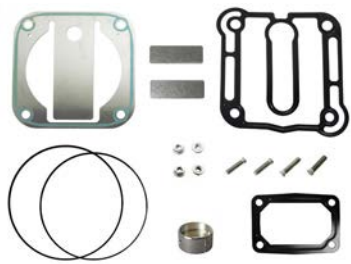
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |  |                                                                                       |
| Full Kit: <b>A66RK065</b>                                                           | Head Kit: <b>A66RK065A</b>                                                          | Gasket Kit: <b>A66RK065B</b>                                                         |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A66RK065C</b>                                                         | Cooling Plate: <b>A66RK065CP</b>                                                    | Valve Plate: <b>A66RK065V</b>                                                        | Valve Plate: <b>A66RK065V1</b>                                                        |

### A66RK066

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK066</b>                                                           | Head Kit: <b>A66RK066A</b>                                                          | Gasket Kit: <b>A66RK066B</b>                                                          |                                                                                       |
|  |  |   |  |
| Valve Kit: <b>A66RK066C</b>                                                         | Ess Kit: <b>A66RK066D</b>                                                           | Cooling Plate: <b>A66RK066CP</b>                                                      | Valve Plate: <b>A66RK066V</b>                                                         |

## REPAIR KITS

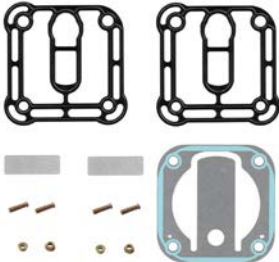
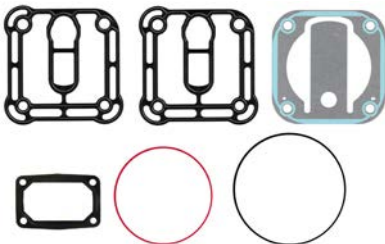
### A66RK067

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK067</b>                                                         | Head Kit: <b>A66RK067A</b>                                                        | Gasket Kit: <b>A66RK067B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A66RK067C</b>                                                       |                                                                                   |                                                                                     |

### A66RK069

|                                                                                     |                                                                                    |  |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|--|
|   |  |  |  |
| Full Kit: <b>A66RK069</b>                                                           | Head Kit: <b>A66RK069A</b>                                                         |  |  |
|  |                                                                                    |  |  |
| Valve Kit: <b>A66RK069C</b>                                                         |                                                                                    |  |  |

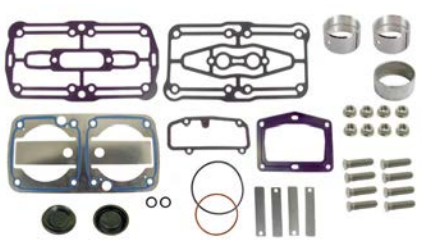
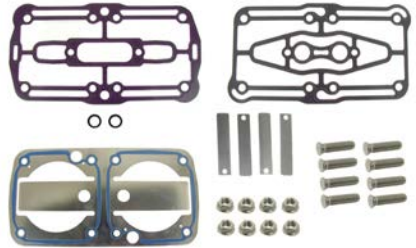
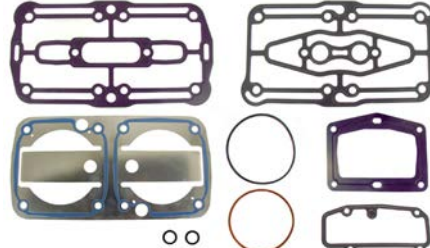
### A66RK070

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK070</b>                                                           | Head Kit: <b>A66RK070A</b>                                                          | Gasket Kit: <b>A66RK070B</b>                                                          |
|                                                                                     |                                                                                     |  |
|                                                                                     |                                                                                     | Valve Plate: <b>A66RK070V</b>                                                         |

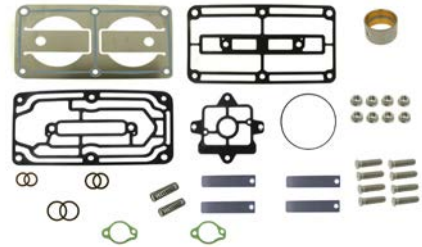
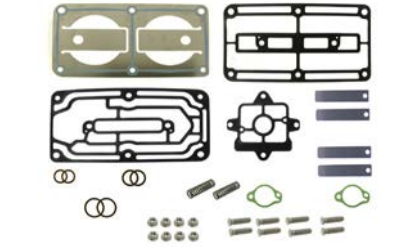
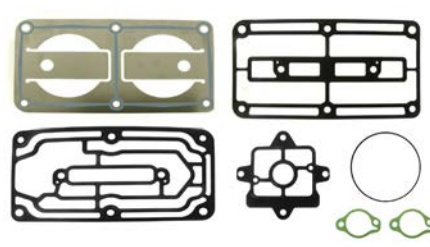
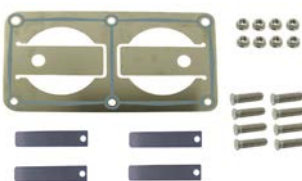


## REPAIR KITS

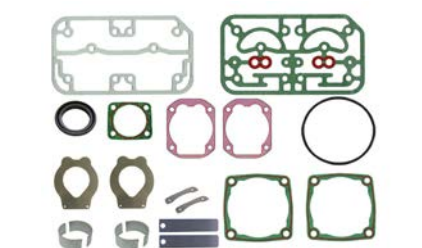
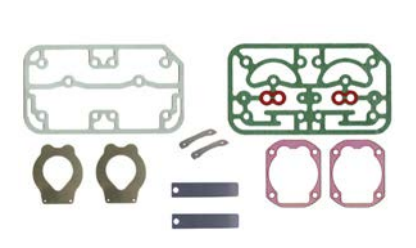
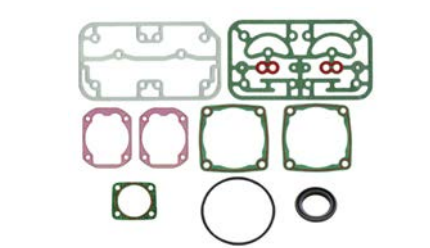
### A66RK072

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A66RK072</b>                                                         | Head Kit: <b>A66RK072A</b>                                                         | Gasket Kit: <b>A66RK072B</b>                                                        |                                                                                     |
|  |                                                                                    |                                                                                     |  |
| Valve Kit: <b>A66RK072C</b>                                                       |                                                                                    |                                                                                     | Valve Plate: <b>A66RK072V</b>                                                       |

### A66RK073

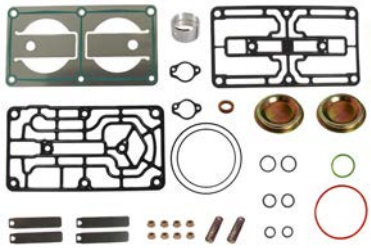
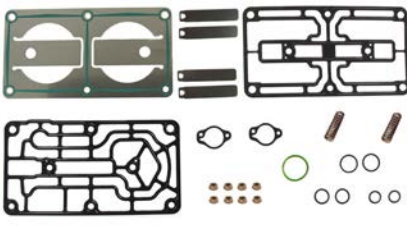
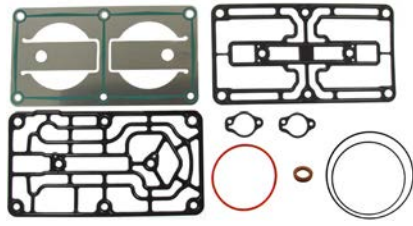
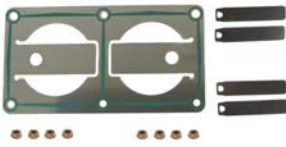
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A66RK073</b>                                                           | Head Kit: <b>A66RK073A</b>                                                          | Gasket Kit: <b>A66RK073B</b>                                                         |
|  |                                                                                     |                                                                                      |
| Valve Kit: <b>A66RK073C</b>                                                         |                                                                                     |                                                                                      |

### A66RK074

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|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK074</b>                                                           | Head Kit: <b>A66RK074A</b>                                                           | Gasket Kit: <b>A66RK074B</b>                                                          |  |
|  |                                                                                      |                                                                                       |  |
| Valve Kit: <b>A66RK074C</b>                                                         |                                                                                      |                                                                                       |  |

## REPAIR KITS

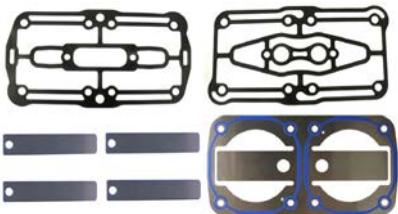
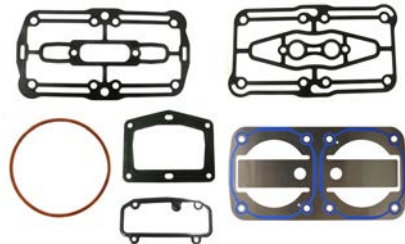
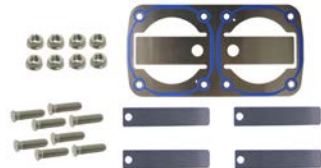
### A66RK075

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A66RK075</b>                                                         | Head Kit: <b>A66RK075A</b>                                                         | Gasket Kit: <b>A66RK075B</b>                                                        |                                                                                     |
|  | IN DEVELOPMENT                                                                     |                                                                                     |  |
| Valve Kit: <b>A66RK075C</b>                                                       |                                                                                    |                                                                                     | Ess Kit: <b>A66RK075CP</b>                                                          |
|                                                                                   |                                                                                    |                                                                                     | Valve Plate: <b>A66RK075V</b>                                                       |

### A66RK076

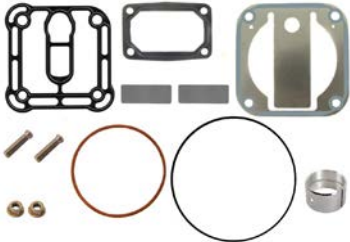
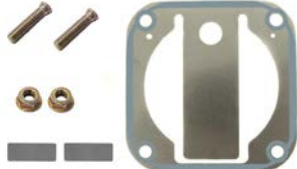
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### A66RK078

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK078</b>                                                           | Head Kit: <b>A66RK078A</b>                                                          | Gasket Kit: <b>A66RK078B</b>                                                          |
|  |                                                                                     |                                                                                       |
| Valve Kit: <b>A66RK078C</b>                                                         |                                                                                     |                                                                                       |

## REPAIR KITS

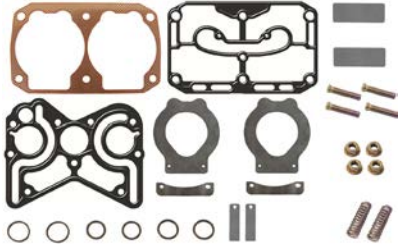
### A66RK090

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK090</b>                                                         | Head Kit: <b>A66RK090A</b>                                                         | Gasket Kit: <b>A66RK090B</b>                                                        |
|  |                                                                                    |                                                                                     |
| Valve Kit: <b>A66RK090C</b>                                                       |                                                                                    |                                                                                     |

### A66RK091

|                                                                                     |                                                                                     |                                                                                      |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
|   |  |  |  |
| Full Kit: <b>A66RK091</b>                                                           | Head Kit: <b>A66RK091A</b>                                                          | Gasket Kit: <b>A66RK091B</b>                                                         |  |
|  |                                                                                     |                                                                                      |  |
| Valve Kit: <b>A66RK091C</b>                                                         |                                                                                     |                                                                                      |  |

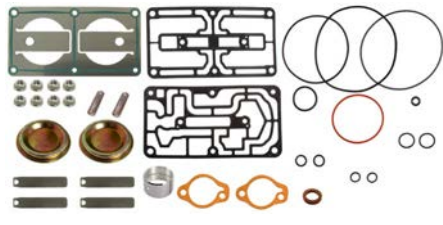
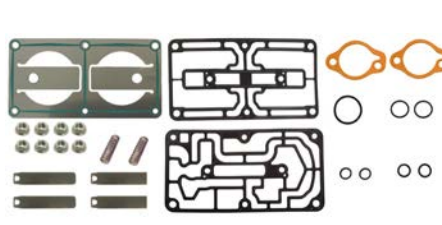
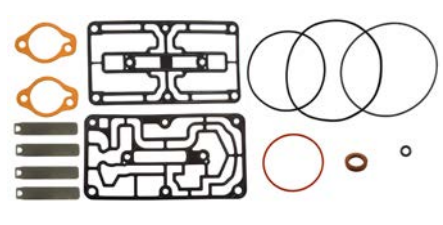
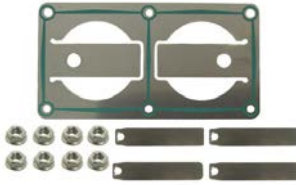
### A66RK092

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK092</b>                                                           | Head Kit: <b>A66RK092A</b>                                                          | Gasket Kit: <b>A66RK092B</b>                                                          |                                                                                       |
|  |  |   |  |
| Valve Kit: <b>A66RK092C</b>                                                         | Ess Kit: <b>A66RK092D</b>                                                           | Valve Plate: <b>A66RK092V</b>                                                         | Valve Plate: <b>A66RK092V1</b>                                                        |



## REPAIR KITS

### A66RK094

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK094</b>                                                         | Head Kit: <b>A66RK094A</b>                                                         | Gasket Kit: <b>A66RK094B</b>                                                        |
|  |                                                                                    |  |
| Valve Kit: <b>A66RK094C</b>                                                       |                                                                                    | Valve Plate: <b>A66RK094V</b>                                                       |

### A66RK095

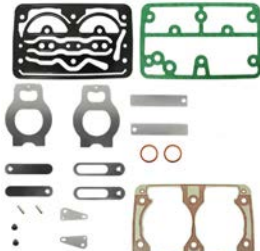
|                                                                                    |  |                                                                                      |  |
|------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK095</b>                                                          |  | Gasket Kit: <b>A66RK095B</b>                                                         |  |
|                                                                                    |  |                                                                                      |  |

### A66RK096

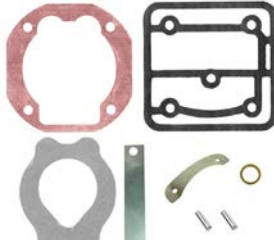
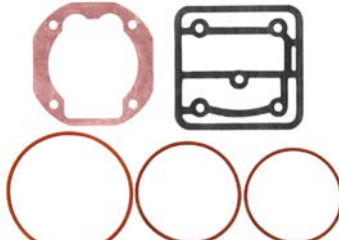
|                                                                                     |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK096</b>                                                           |  | Gasket Kit: <b>A66RK096B</b>                                                          |  |
|                                                                                     |  |                                                                                       |  |

## REPAIR KITS

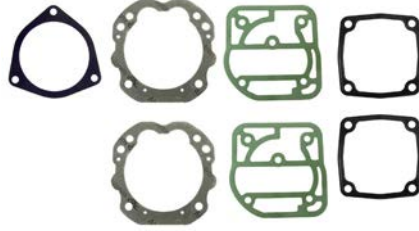
### A66RK098

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK098</b>                                                         | Head Kit: <b>A66RK098A</b>                                                        | Gasket Kit: <b>A66RK098B</b>                                                        |
|                                                                                   |                                                                                   |                                                                                     |
|                                                                                   |                                                                                   |                                                                                     |

### A66RK099

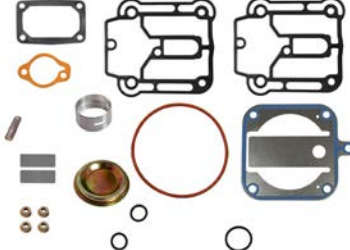
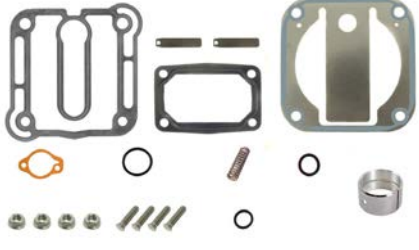
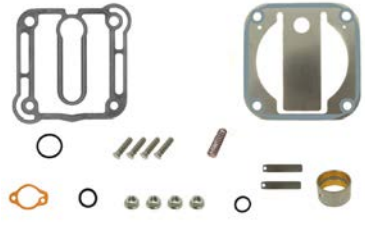
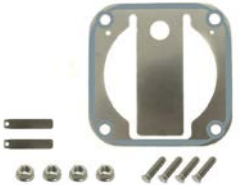
|                                                                                     |                                                                                    |                                                                                      |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
|   |  |  |  |
| Full Kit: <b>A66RK099</b>                                                           | Head Kit: <b>A66RK099A</b>                                                         | Gasket Kit: <b>A66RK099B</b>                                                         |  |
|  |                                                                                    |                                                                                      |  |
| Valve Kit: <b>A66RK099C</b>                                                         |                                                                                    |                                                                                      |  |

### A66RK100

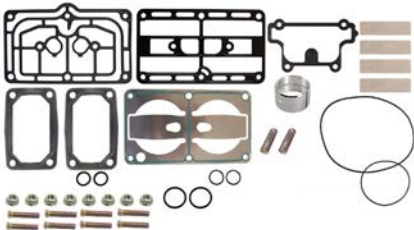
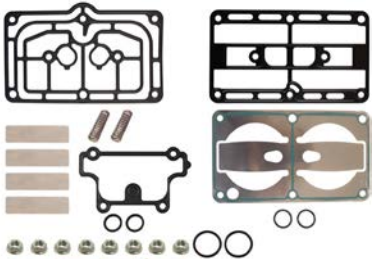
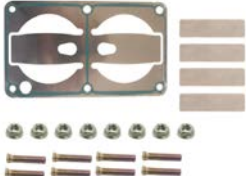
|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK100</b>                                                           | Head Kit: <b>A66RK100A</b>                                                          | Gasket Kit: <b>A66RK100B</b>                                                          |
|  |                                                                                     |                                                                                       |
| Valve Kit: <b>A66RK100C</b>                                                         |                                                                                     |                                                                                       |

## REPAIR KITS

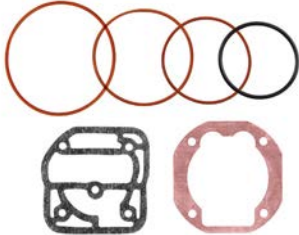
### A66RK101

|                                                                                   |                                                                                    |                                                                                     |  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK101</b>                                                         | Head Kit: <b>A66RK102</b>                                                          | Gasket Kit: <b>A66RK102A</b>                                                        |  |
|  |   |                                                                                     |  |
| Valve Kit: <b>A66RK102B</b>                                                       | Ess Kit: <b>A66RK102C</b>                                                          |                                                                                     |  |

### A66RK104

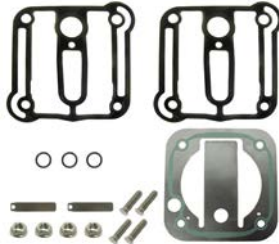
|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |                                                                                      |                                                                                       |
| Full Kit: <b>A66RK0104</b>                                                          | Head Kit: <b>A66RK0104A</b>                                                         |                                                                                      |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A66RK0104C</b>                                                        | Ess Kit: <b>A66RK0104D</b>                                                          | Valve Plate: <b>A66RK0104V1</b>                                                      | Cooling Plate: <b>A66RK0104CP1</b>                                                    |

### A66RK105

|                                                                                     |                                                                                     |                                                                                       |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A66RK105</b>                                                           | Head Kit: <b>A66RK105A</b>                                                          | Gasket Kit: <b>A66RK105B</b>                                                          |  |
|  |                                                                                     |                                                                                       |  |
| Valve Kit: <b>A66RK105C</b>                                                         |                                                                                     |                                                                                       |  |

## REPAIR KITS

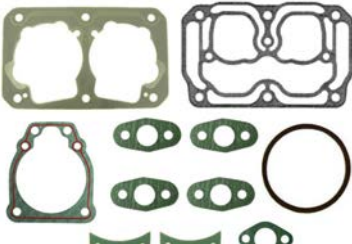
### A66RK106

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK106</b>                                                         | Head Kit: <b>A66RK106A</b>                                                        | Gasket Kit: <b>A66RK106B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A66RK106C</b>                                                       |                                                                                   |                                                                                     |

### A66RK107

|                                                                                    |  |  |  |
|------------------------------------------------------------------------------------|--|--|--|
|  |  |  |  |
| Full Kit: <b>A66RK107</b>                                                          |  |  |  |
|                                                                                    |  |  |  |
|                                                                                    |  |  |  |

### A67RK050

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK050</b>                                                           | Head Kit: <b>A67RK050A</b>                                                          | Gasket Kit: <b>A67RK050B</b>                                                          |                                                                                       |
|  |                                                                                     |                                                                                       |  |
| Valve Kit: <b>A67RK050C</b>                                                         |                                                                                     |                                                                                       | Mounting Kit: <b>A67RK050F</b>                                                        |

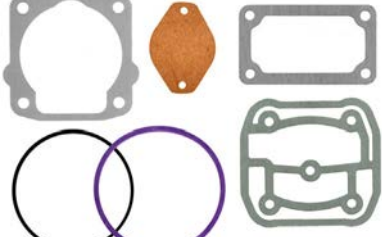


## REPAIR KITS

### A68RK115

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A68RK115</b>                                                         | Head Kit: <b>A68RK115A</b>                                                        | Gasket Kit: <b>A68RK115B</b>                                                        |                                                                                     |
|  |  |   |  |
| Valve Kit: <b>A68RK115C</b>                                                       | Ess Kit: <b>A68RK115D</b>                                                         | Ess Kit: <b>A68RK115D1</b>                                                          | Valve Plate: <b>A68RK115V</b>                                                       |
|  |  |   |  |
| Valve Kit: <b>A68RK115C</b>                                                       | Ess Kit: <b>A68RK115D</b>                                                         | Ess Kit: <b>A68RK115D1</b>                                                          | Valve Plate: <b>A68RK115V</b>                                                       |

### A68RK118

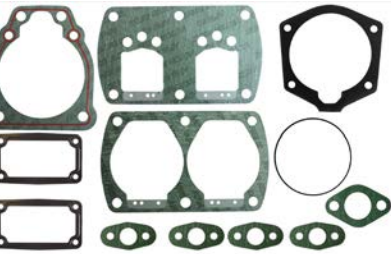
|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A68RK118</b>                                                           | Head Kit: <b>A68RK118A</b>                                                          | Gasket Kit: <b>A68RK118B</b>                                                          |
|  |                                                                                     |                                                                                       |
| Valve Kit: <b>A68RK118C</b>                                                         |                                                                                     |                                                                                       |
|                                                                                     |                                                                                     | <b>IN DEVELOPMENT</b>                                                                 |
|                                                                                     |                                                                                     | Valve Plate: <b>A68RK118V</b>                                                         |

## MARELLI REPAIR KITS

### A78RK001

|                                                                                   |  |                                                                                   |  |                                                                                     |  |
|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
|                                                                                   |  |  |  |  |  |
|                                                                                   |  | Head Kit: <b>A78RK001A</b>                                                        |  | Gasket Kit: <b>A78RK001B</b>                                                        |  |
|  |  |                                                                                   |  |  |  |
| Valve Kit: <b>A78RK001C</b>                                                       |  |                                                                                   |  | Valve Plate: <b>A78RK001V</b>                                                       |  |

### A78RK007

|                                                                                     |  |                                                                                    |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|   |  |  |  |   |  |
| Full Kit: <b>A78RK007</b>                                                           |  | Head Kit: <b>A78RK007A</b>                                                         |  | Gasket Kit: <b>A78RK007B</b>                                                          |  |
|  |  |                                                                                    |  |  |  |
| Valve Kit: <b>A78RK007C</b>                                                         |  |                                                                                    |  | Valve Plate: <b>A78RK007V</b>                                                         |  |

### A78RK009

|                                                                                     |  |                                                                                     |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  |
| Full Kit: <b>A78RK009</b>                                                           |  | Head Kit: <b>A78RK009A</b>                                                          |  | Gasket Kit: <b>A78RK009B</b>                                                          |  |
|  |  |                                                                                     |  |  |  |
| Valve Kit: <b>A78RK009C</b>                                                         |  |                                                                                     |  | Valve Plate: <b>A78RK009V</b>                                                         |  |



## MARELLI REPAIR KITS

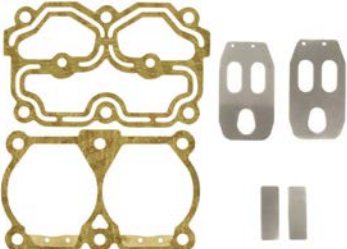
### A78RK014

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A78RK014</b>                                                         | Head Kit: <b>A78RK014A</b>                                                        | Gasket Kit: <b>A78RK014B</b>                                                        |
|                                                                                   |                                                                                   |  |
|                                                                                   |                                                                                   | Valve Plate: <b>A78RK014V</b>                                                       |

### A78RK019

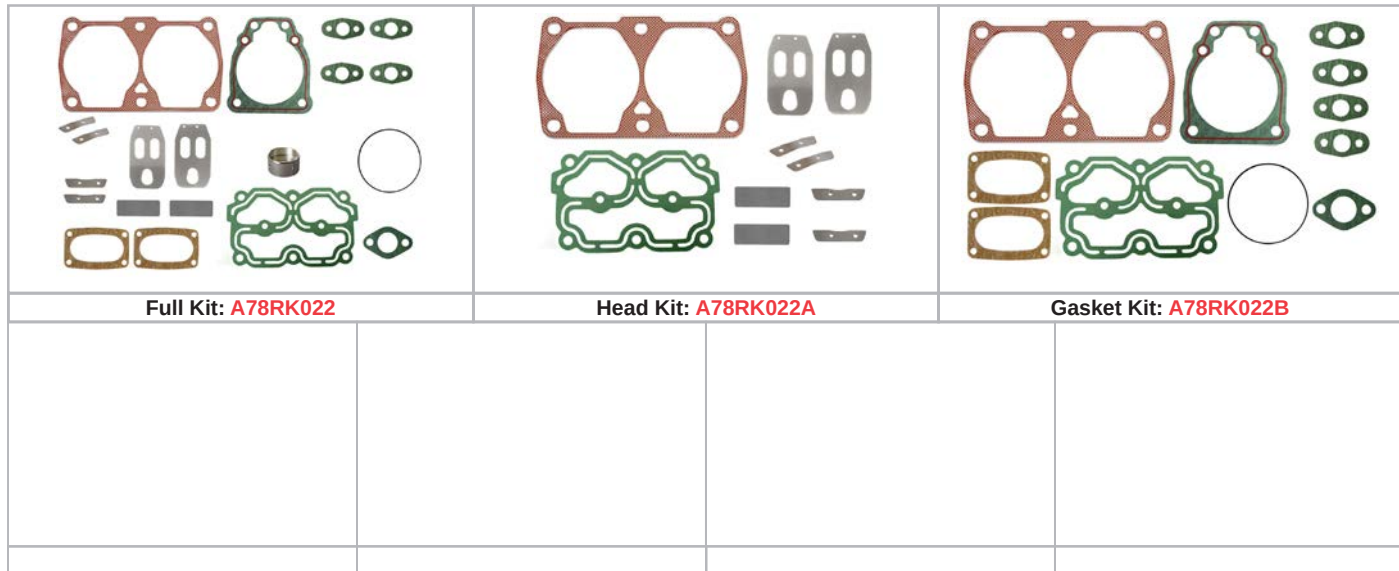
|                                                                                    |                                                                                    |                                                                                       |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |   |
| Full Kit: <b>A78RK019</b>                                                          | Head Kit: <b>A78RK019A</b>                                                         | Gasket Kit: <b>A78RK019B</b>                                                          |
|                                                                                    |                                                                                    |  |
|                                                                                    |                                                                                    | Valve Plate: <b>A78RK019V</b>                                                         |

### A78RK021

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A78RK021</b>                                                           | Head Kit: <b>A78RK021A</b>                                                          | Gasket Kit: <b>A78RK021B</b>                                                          |
|  |                                                                                     |  |
| Valve Kit: <b>A78RK021C</b>                                                         |                                                                                     | Valve Plate: <b>A78RK021V</b>                                                         |

## MARELLI REPAIR KITS

**A78RK022**







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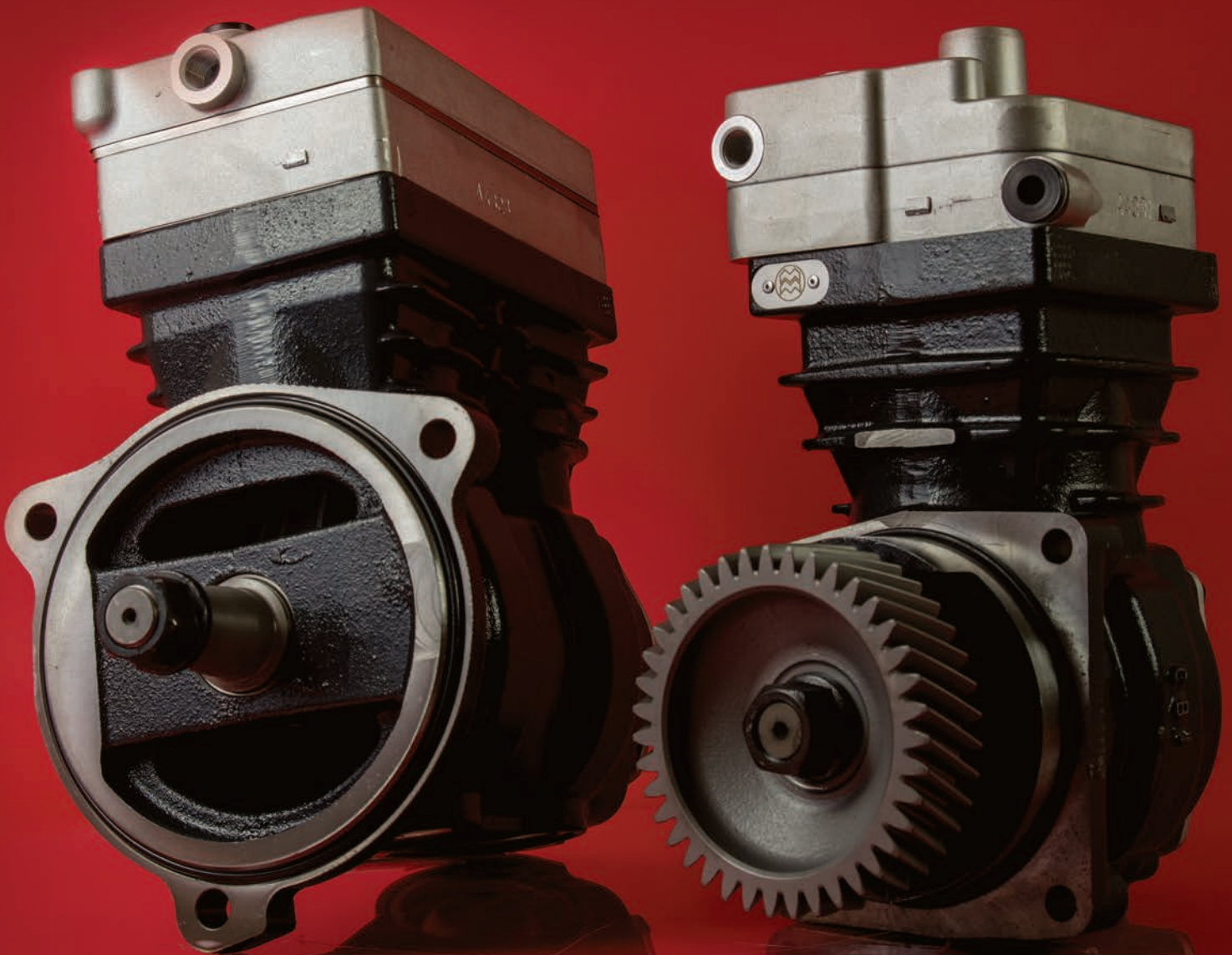
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# Wabco Catalogue

Issue 2



The airbrake specialist  
40 years of experience



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The range of Majorsell compressor repair kits and components has increased continually during the last 30 years and is now probably the most extensive range of aftermarket compressor parts offered by a single company in the world. All of our compressor kits are designed with the rebuilder in mind to offer high quality and maximum choice whilst keeping costs to a minimum. They are all built in our UK warehouse to our specification and all of our compressor parts are used in our own reconditioning workshop.

In early 2011 we moved to a much larger facility in West Bromwich and invested a substantial amount in new machinery for our workshop, including a brand new test machine. In 2012 another building was purchased to accommodate the increase in demand for our reconditioned compressors and in 2014 an expansion to our existing workshop was completed.

Majorsell has been exporting since 1986 and now exports to over 70 countries. Our customers include small workshops and rebuilders as well as fleet operators and large distributors. We pride ourselves on our customer service and attention to detail. All of our parts are carefully packed and are easily identifiable in our distinctive Majorsell packaging. Majorsell is an internationally recognised brand which is something we are very proud of.

All Majorsell parts are alternative to OE and are replacements to those of all the leading makes of air brake and truck manufacturers. Over the years we have developed a large database of cross references and technical information, all of which is available on our website. To avoid confusion with any other manufacturer we have our own unique part numbering system.

In addition to air brake parts we also offer a comprehensive range of caliper parts and air conditioning compressors as well as ancillary items and workshop consumables. We are also pleased to be official stockists of Wabco, Cummins, Raufoss, Fleetguard and Valvoline.



**Tel: ++44 (0) 121 544 0951**  
**e-mail: [sales@majorsell.co.uk](mailto:sales@majorsell.co.uk)**  
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Original part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.



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| ACTROS EVOBUS       | 7  | 412 352 008 0 | 21 | 911 153 608 0 | 35 | 912 510 103 0      | 49 |
| OM501 (1 of 2)      | 8  | 412 352 010 0 | 21 | 911 153 938 0 | 35 | 912 510 104 0      | 50 |
| OM501 (2 of 2)      | 8  | 412 352 011 0 | 22 | 911 154 500 0 | 36 | 912 510 105 0      | 50 |
|                     |    | 412 352 014 0 | 22 | 911 154 510 0 | 36 | 912 510 106 0      | 50 |
| <b>WABCO SERIES</b> |    | 412 352 016 0 | 22 | 911 154 513 0 | 36 | 912 510 200 0      | 51 |
|                     |    | 412 352 020 0 | 23 | 911 154 515 0 | 37 | 912 510 201 0      | 51 |
| 411 034 501 0       | 9  | 412 352 025 0 | 23 | 911 501 016 0 | 37 | 912 510 300 0      | 51 |
| 411 043 805 0       | 9  | 412 352 026 0 | 23 | 911 501 059 0 | 37 | 912 512 001 0      | 52 |
| 411 140 000 0       | 9  | 412 352 027 0 | 24 | 911 503 051 0 | 38 | 912 512 004 0      | 52 |
| 411 140 845 0       | 10 | 412 352 030 0 | 24 | 911 504 051 0 | 38 | 912 512 006 0      | 52 |
| 411 141 001 0       | 10 | 412 442 000 0 | 24 | 911 504 052 0 | 38 | 912 512 029 0      | 53 |
| 411 141 640 0       | 10 | 412 442 001 0 | 25 | 911 504 056 0 | 39 | 912 514 001 0      | 53 |
| 411 141 805 0       | 11 | 412 636 000 0 | 25 | 911 504 060 0 | 39 | 912 514 003 0      | 53 |
| 411 141 845 0       | 11 | 412 636 001 0 | 25 | 911 504 501 0 | 39 | 912 514 004 0      | 54 |
| 411 142 681 0       | 11 | 412 636 003 0 | 26 | 911 504 503 0 | 40 | 912 514 009 0      | 54 |
| 411 142 850 0       | 12 | 412 704 000 0 | 26 | 911 504 504 0 | 40 | 912 518 003 0      | 54 |
| 411 143 805 0       | 12 | 412 704 001 0 | 26 | 911 504 506 0 | 40 | 912 518 005 0      | 55 |
| 411 143 844 0       | 12 | 412 704 004 0 | 27 | 911 505 150 0 | 41 | 912 518 107 0      | 55 |
| 411 143 881 0       | 13 | 412 704 005 0 | 27 | 911 505 151 0 | 41 | 912 518 200 0      | 55 |
| 411 144 003 0       | 13 | 412 704 006 0 | 27 | 911 505 154 0 | 41 | 912 518 202 0      | 56 |
| 411 145 507 0       | 13 | 412 704 008 0 | 28 | 911 506 054 0 | 42 | 912 518 206 0      | 56 |
| 411 145 512 0       | 14 | 412 704 009 0 | 28 | 911 506 505 0 | 42 | 912 518 207 0      | 56 |
| 411 146 001 0       | 14 | 412 704 013 0 | 28 | 911 514 001 0 | 42 |                    |    |
| 411 146 003 0       | 14 | 412 704 014 0 | 29 | 911 515 016 0 | 43 | <b>REPAIR KITS</b> |    |
| 411 147 058 0       | 15 | 412 704 015 0 | 29 | 911 516 010 0 | 43 |                    |    |
| 411 147 059 0       | 15 | 412 704 016 0 | 29 | 911 553 003 0 | 43 | A67RK001           | 57 |
| 411 151 000 0       | 15 | 412 704 018 0 | 30 | 911 553 007 0 | 44 | A67RK004           | 57 |

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## MAN SERIES

|                                                                                   |                  |                                         |                   |                  |                                  |                                   |                       |                     |
|-----------------------------------------------------------------------------------|------------------|-----------------------------------------|-------------------|------------------|----------------------------------|-----------------------------------|-----------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 51540007079</b> |                   |                  |                                  | <b>MAJORSELL REBUILD: 23A004R</b> |                       |                     |
|                                                                                   |                  | <b>Users</b>                            |                   |                  |                                  |                                   |                       |                     |
|                                                                                   |                  | <b>OE</b>                               |                   |                  |                                  |                                   |                       |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                          | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                      | <b>Water Port</b>                 | <b>Air Inlet</b>      | <b>Air Delivery</b> |
| 90 mm                                                                             | Through          | Water                                   | 28 kg             | Side             | Engine Oil                       | M22                               | M26                   | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                         | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>               | <b>Cooling Plate</b>              |                       |                     |
|                                                                                   | A67RK004         | A67RK004A                               | A67RK004B         | A67RK004C        | A67RK004V                        |                                   |                       |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                          | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>                   |                                   |                       |                     |
|                                                                                   | 020118           | 020230                                  | 020119            | 020231           | 020120                           |                                   |                       |                     |
| <b>Rings</b>                                                                      | A67RK007         | A67RK099                                | A67RK009          | A67RK100         | A67RK011                         |                                   |                       |                     |
| <b>Head</b>                                                                       | 220025           | 220022 (Comp)                           |                   |                  | <b>Rear end Cover</b>            |                                   | <b>Conn Rod</b>       | 220016 (2)          |
| <b>Crankshaft</b>                                                                 | 220053           |                                         |                   |                  | <b>Front end Cover</b>           |                                   |                       |                     |
| <b>Bolts</b>                                                                      | 140143 (8)       | 140132 (2)                              | 140138 (10)       | 140023 (3)       | 140098 (4)                       | 140127 (3)                        | 140138 (3)            | 140288 (8)          |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Inserts</b>                          | <b>Gasket</b>     | <b>Cylinder</b>  | <b>Piston &amp; Cylinder Kit</b> |                                   | <b>Rear Blank Cap</b> | <b>Front Gear</b>   |
|                                                                                   | 050218           | 050164 (2)                              | 010411            | 020043L          | 020043                           |                                   | 220425                | 220181              |

\* 23 Teeth Gear

|                                                                                   |                  |                                         |                   |                  |                                  |                                   |                   |                     |
|-----------------------------------------------------------------------------------|------------------|-----------------------------------------|-------------------|------------------|----------------------------------|-----------------------------------|-------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 51541006007</b> |                   |                  |                                  | <b>MAJORSELL REBUILD: 23A012R</b> |                   |                     |
|                                                                                   |                  | <b>Users</b>                            | MAN               |                  |                                  |                                   |                   |                     |
|                                                                                   |                  | <b>OE</b>                               |                   |                  |                                  |                                   |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                          | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                      | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 90 mm                                                                             | Through          | Water                                   | 28 kg             | Side             | Engine Oil                       | M22                               | M26               | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                         | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>               | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A67RK113         | A67RK113A                               | A67RK113B         | A67RK113C        | A67RK061V                        | A67RK061CP                        |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                          | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>                   |                                   |                   |                     |
|                                                                                   | 020118           |                                         | 020119            |                  | 020120                           |                                   |                   |                     |
| <b>Rings</b>                                                                      | A67RK007         |                                         | A67RK009          |                  | A67RK011                         |                                   |                   |                     |
| <b>Head</b>                                                                       | 220252           | 220108 (Comp)                           |                   |                  | <b>Rear end Cover</b>            |                                   | <b>Conn Rod</b>   | 220016              |
| <b>Crankshaft</b>                                                                 | 220778           | 140013 (Pin)                            |                   |                  | <b>Front end Cover</b>           |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140149 (8)       | 140131 (2)                              | 140138 (10)       | 140127 (3)       | 140138 (3)                       |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Inserts</b>                          | <b>Gasket</b>     | <b>Cylinder</b>  | <b>Piston &amp; Cylinder Kit</b> |                                   | <b>Front Gear</b> | <b>Crankcase</b>    |
|                                                                                   | 050218           | 050164 (2)                              | 010411            | 020043L          | 020043                           |                                   | 220536            | 220094              |

\* 23 Teeth Gear

|                                                                                     |                   |                                         |                   |                     |                                  |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------------------|-------------------|---------------------|----------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 51541007028</b> |                   |                     |                                  | <b>MAJORSELL REBUILD: 23A011R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                            | MAN               |                     |                                  |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                               | TGA Euro 2        |                     |                                  |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                          | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>                      | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                               | Through           | Water                                   | 28 kg             | Side                | Engine Oil                       | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                         | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>               | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK113          | A67RK113A                               | A67RK113B         | A67RK113C           | A67RK061V                        | A67RK061CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                          | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>                   |                                   |                  |                     |
|                                                                                     | 020118            |                                         | 020119            |                     | 020120                           |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK007          |                                         | A67RK009          |                     | A67RK011                         |                                   |                  |                     |
| <b>Head</b>                                                                         |                   | 220108 (Comp)                           |                   |                     | <b>Rear end Cover</b>            |                                   | <b>Conn Rod</b>  | 220016              |
| <b>Crankshaft</b>                                                                   | 220095            | 140013 (Pin)                            |                   |                     | <b>Front end Cover</b>           |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140149 (8)        | 140131 (2)                              | 140138 (10)       | 140127 (3)          | 140138 (3)                       |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Gear</b> | <b>Front Bearing</b>                    | <b>Inserts</b>    | <b>C Shaft Gear</b> | <b>Piston &amp; Cylinder Kit</b> |                                   | <b>Gasket</b>    | <b>Cylinder</b>     |
|                                                                                     | 220181            | 050218                                  | 050164 (2)        | 220181              | 020043                           |                                   | 010411           | 020043L             |

\* 220181 has 25 Teeth

## MAN SERIES

|                                                                                   |                  |                                         |                   |                  |                                  |                                   |                   |                     |
|-----------------------------------------------------------------------------------|------------------|-----------------------------------------|-------------------|------------------|----------------------------------|-----------------------------------|-------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 51541007033</b> |                   |                  |                                  | <b>MAJORSELL REBUILD: 23A024R</b> |                   |                     |
|                                                                                   |                  | <b>Users</b>                            | MAN               |                  |                                  |                                   |                   |                     |
|                                                                                   |                  | <b>OE</b>                               |                   |                  |                                  |                                   |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                          | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                      | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 90 mm                                                                             | Through          | Water                                   | 28 kg             | Side             | Engine Oil                       | M22                               | M26               | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                         | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>               | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A67RK061         | A67RK061A                               | A67RK061B         | A67RK061C        | A67RK061V                        | A67RK061CP                        |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                          | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>                   |                                   |                   |                     |
|                                                                                   | 020118           | 020230                                  | 020119            | 020231           | 020232                           |                                   |                   |                     |
| <b>Rings</b>                                                                      | A67RK007         | A67RK099                                | A67RK009          | A67RK100         | A67RK011                         |                                   |                   |                     |
| <b>Head</b>                                                                       | 220252           | 220108 (Comp)                           |                   |                  | <b>Rear end Cover</b>            |                                   | <b>Conn Rod</b>   | 220016              |
| <b>Crankshaft</b>                                                                 | 220011           | 140008 (Pin)                            |                   |                  | <b>Front end Cover</b>           | 220175                            |                   |                     |
| <b>Bolts</b>                                                                      | 140149 (4)       | 140131 (1)                              | 140138 (5)        | 140127 (3)       | 140138 (3)                       | 140138 (4)                        | 140288 (4)        |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Inserts</b>                          | <b>Gasket</b>     | <b>Cylinder</b>  | <b>Piston &amp; Cylinder Kit</b> |                                   | <b>Front Gear</b> | <b>Seal</b>         |
|                                                                                   | 050194           | 050164                                  | 010411            | 020043L          | 020043                           |                                   | 220828            | RM0795-30V          |

\* 23 Teeth Gear

|                                                                                   |                  |                                         |                              |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|------------------|-----------------------------------------|------------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 51541007190</b> |                              |                  |                        | <b>MAJORSELL REBUILD: 23A019R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                            | MAN                          |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                               | 51541007190                  |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                          | <b>Weight</b>                | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 100 mm                                                                            | Through          | Water                                   | 29 kg                        | Base             | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                         | <b>Gasket Kit</b>            | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK097         | A7RK097A                                | A67RK097B                    | A67RK097C        | A67RK097V              | A67RK097CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                          | <b>0.50 mm</b>               | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020143           | 020204                                  | 020144                       | 020205           | 020145                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK043         | A67RK103                                | A67RK044                     | A67RK104         | A67RK045               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220251 (2)       | 220596 (Comp)(2)                        |                              |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220074 (2)          |
| <b>Crankshaft</b>                                                                 | 220328           |                                         |                              |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140305 (8)       | 140131 (2)                              | 140138 (10)                  | 140153 (3)       | 140199 (3)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Cylinder</b>                         | <b>Cylinder &amp; Piston</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050218           | 020166L (2)                             | 020166 (2)                   |                  |                        |                                   |                  |                     |

## MERCEDES SERIES

|                                                                                   |                   |                                         |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-----------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: AXOR ACTROS</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                            | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                               |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                          | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                   |                   | Flange           |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                         | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK068          | A67RK068A                               | A67RK068B         | A67RK065C        | A67RK073D              | A67RK068CP                |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                          | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023            | 020179                                  | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       |                   |                                         |                   |                  | <b>Rear end Cover</b>  | 220227                    | <b>Conn Rod</b>  | 220224              |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                            |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      | 140139 (2)        | 140143 (4)                              | 140124 (4)        |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                           | <b>Base Plate</b> |                  |                        |                           |                  |                     |
|                                                                                   | 050186            | RM1250-30V                              | 220058            |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                        |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|----------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: AXOR ATEGO</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                           | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                              |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                         | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             |                   | Water                                  |                   | Flange           |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                        | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK068          | A67RK068A                              | A67RK068B         | A67RK065C        | A67RK073D              | A67RK068CP                |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                         | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023            | 020179                                 | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                               | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       |                   |                                        |                   |                  | <b>Rear end Cover</b>  | 220227                    | <b>Conn Rod</b>  | 220224              |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      | 140139 (2)        | 140143 (4)                             | 140124 (4)        |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                          | <b>Base Plate</b> |                  |                        |                           |                  |                     |
|                                                                                   | 050186            | RM1250-30V                             | 220058            |                  |                        |                           |                  |                     |

|                                                                                     |                           |                                           |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                           | <b>MAJORSELL PARTS FOR: ACTROS EVOBUS</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                           | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                     |                           | <b>OE</b>                                 |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>              | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                               |                           | Water                                     |                   |                  |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>           | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A67RK096                  | A67RK096A                                 | A67RK096B         | A67RK096C        | A67RK096V              |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020143                    | 020204                                    | 020144            | 020205           | 020145                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A67RK043                  | A67RK103                                  | A67RK044          | A67RK104         | A67RK045               |                           |                  |                     |
| <b>Head</b>                                                                         | 220388                    | 220387 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                           |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                           |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Liner &amp; Piston</b> |                                           |                   |                  |                        |                           |                  |                     |
|                                                                                     | 020167                    |                                           |                   |                  |                        |                           |                  |                     |

## MERCEDES SERIES

|                                                                                   |                           |                                            |                   |                  |                        |                           |                  |                     |
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|  |                           | <b>MAJORSELL PARTS FOR: OM501 (1 of 2)</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                           | <b>Users</b>                               | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                           | <b>OE</b>                                  |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>              | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 100 mm                                                                            |                           | Water                                      |                   |                  |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>           | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK021                  | A67RK021A                                  |                   |                  | 220034V                |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020143                    | 020204                                     | 020144            | 020205           | 020145                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A67RK043                  | A67RK103                                   | A67RK044          | A67RK104         | A67RK045               |                           |                  |                     |
| <b>Head</b>                                                                       | 220112                    | 220034 (Comp)                              |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220017              |
| <b>Crankshaft</b>                                                                 | 220012                    |                                            |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                           |                                            |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Liner &amp; Piston</b> |                                            |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020167                    |                                            |                   |                  |                        |                           |                  |                     |

|                                                                                   |                           |                                            |                   |                  |                        |                           |                  |                     |
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|  |                           | <b>MAJORSELL PARTS FOR: OM501 (2 of 2)</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                           | <b>Users</b>                               | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                           | <b>OE</b>                                  |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>              | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 100 mm                                                                            |                           | Water                                      |                   |                  |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>           | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK021                  | A67RK021A                                  |                   |                  | 220056V                |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020143                    | 020204                                     | 020144            | 020205           | 020145                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A67RK043                  | A67RK103                                   | A67RK044          | A67RK104         | A67RK045               |                           |                  |                     |
| <b>Head</b>                                                                       | 220056A                   | 220056 (Comp)                              |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220017              |
| <b>Crankshaft</b>                                                                 | 220012                    |                                            |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                           |                                            |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Liner &amp; Piston</b> |                                            |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020167                    |                                            |                   |                  |                        |                           |                  |                     |



## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 034 501 0</b> |                           |                  |                        | <b>MAJORSELL REBUILD: 67A011R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES                  | DAF              |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 0011315201                |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>             | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Through           | Air                                       |                           | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>         | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK001          | A67RK001A                                 | A67RK001B                 | A67RK024C        | A67RK001V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>            | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020147            |                                           | 020148                    |                  | 020149                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          |                                           | A67RK009                  |                  | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220081            | 220116 (Comp)                             |                           |                  | <b>Rear end Cover</b>  | 220119                            | <b>Conn Rod</b>  | 220079              |
| <b>Crankshaft</b>                                                                 | 220080            | 140015 (Nut)                              |                           |                  | <b>Front end Cover</b> | 220120                            |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                           |                           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Liner &amp; Piston</b> | <b>Inserts</b>   | <b>Liner</b>           |                                   |                  |                     |
|                                                                                   | 050158            | 6206                                      | 020223K                   | 050159           | 020223                 |                                   |                  |                     |

|                                                                                   |                  |                                           |                           |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 411 043 805 0</b> |                           |                  |                        | <b>MAJORSELL REBUILD: 67A090R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                              | IVECO                     |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                                 | 1173860                   | 01261657         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                            | <b>Weight</b>             | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Non-Through      | Air                                       | 11 kg                     | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                           | <b>Gasket Kit</b>         | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK001         | A67RK001A                                 | A67RK001B                 | A67RK001C        | A67RK001V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                            | <b>0.50 mm</b>            | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020147           |                                           | 020148                    |                  | 020149                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK007         |                                           | A67RK009                  |                  | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220081           | 220116 (Comp)                             |                           |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                  | 140015 (Nut)                              |                           |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140193 (4)       | 140103 (4)                                | 140193 (4)                | 140103 (4)       | 140155 (4)             | 140103 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Inserts</b>                            | <b>Liner &amp; Piston</b> | <b>Liner</b>     | <b>Rear Bush</b>       | <b>Flange Ring</b>                |                  |                     |
|                                                                                   | 050158           | 050159                                    | 020223K                   | 020223           | 050192                 | RM0880-30V                        |                  |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 140 000 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A012R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 1517932           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Air                                       | 10 kg             | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK035          | A67RK035A                                 | A67RK035B         | A67RK035C        | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067            | 020176                                    | 020076            | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                           |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   | 220064            | 140015 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140138 (4)                                | 140198 (4)        |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>O Ring</b>     | <b>Oil Seal</b>  | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                     | 050158            | 050189                                    | RM0880-30V        | 110034           | 080038 (2)             |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 140 845 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A094R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              |                     |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 |                     |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                       |                     | Base              | Engine                 |                                   | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK035          | A67RK035A                                 | A67RK035B           | A67RK035C         | A67RK055V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076              | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014            | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   | 220284                                    |                     |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140138 (4)                                | 140198 (4)          |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>F Cover Seal</b> | <b>Sump Cover</b> | <b>Oil Seal</b>        |                                   |                  |                     |
|                                                                                   | 050195            | 050189                                    | RM0880-30V          | 080038 (2)        | 110034                 |                                   |                  |                     |

|                                                                                   |                   |                                           |                      |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 141 001 0</b> |                      |                   |                        | <b>MAJORSELL REBUILD: 67A013R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF                  |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1505909              |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>        | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                       | 9 kg                 | Base              | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>    | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK035          | A67RK035A                                 | A67RK035B            | A67RK035C         | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>       | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076               | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014             | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220284            | 220283 (Comp)                             |                      |                   | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  | 220063              |
| <b>Crankshaft</b>                                                                 | 220601            | 140015 (Nut)                              |                      |                   | <b>Front end Cover</b> | 220438                            |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140138 (4)                                | 140198 (4)           |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front bush</b> | <b>Rear Bush</b>                          | <b>Speedy Sleeve</b> | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                   | 050158            | 050189                                    | 050002               | 080038 (2)        |                        |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 141 640 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A022R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | A00313150         |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Air                                       | 9 kg              | Base              | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK035          | A67RK035A                                 | A67RK035B         | A67RK035C         | A67RK055V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220284            | 220283 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140138 (4)                                | 140198 (4)        | 140124 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Inserts</b>    | <b>Base Plate</b> | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                     | 050158            | 050189                                    | 050159 (2)        | 080038 (2)        | RM0570-30V             |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 141 805 0</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 67A091R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF                  | IVECO            | VOLVO                  |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1505913              | 01173862         | 0022820701             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                       | 9 kg                 | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK035          | A67RK035A                                 | A67RK035B            | A67RK035C        | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076               | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014             | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                           |                      |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140138 (4)                                | 140198 (4)           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Speedy Sleeve</b> | <b>Inserts</b>   | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                   | 050158            | 050189                                    | 050002               | 050159           | 080038 (2)             |                                   |                  |                     |

|                                                                                   |                   |                                           |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 141 845 0</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 67A098R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF                  | IVECO            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1518582              | 01173867         | 42522657               |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                       | 9 kg                 | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK035          | A67RK035A                                 | A67RK035B            | A67RK035C        | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076               | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014             | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                           |                      |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140138 (4)                                | 140198 (4)           |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Speedy Sleeve</b> | <b>Inserts</b>   | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                   | 050158            | 050189                                    | 050002               | 050159           | 080038 (2)             |                                   |                  |                     |

|                                                                                     |                  |                                           |                   |                  |                        |                                   |                   |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 411 142 681 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A148R</b> |                   |                     |
|                                                                                     |                  | <b>Users</b>                              | EVOBUS            |                  |                        |                                   |                   |                     |
|                                                                                     |                  | <b>OE</b>                                 |                   |                  |                        |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 90 mm                                                                               | Non-Through      | Water                                     | 11 kg             | Base             | Engine Oil             | M14                               | M26               | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                     | A67RK004         | A67RK004A                                 | A67RK004B         | A67RK004C        | A67RK004V              |                                   |                   |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                   |                     |
|                                                                                     | 020068           | 020197                                    | 020069            | 020198           | 020070                 | 020071                            |                   |                     |
| <b>Rings</b>                                                                        | A67RK007         | A67RK099                                  | A67RK009          | A67RK100         | A67RK011               |                                   |                   |                     |
| <b>Head</b>                                                                         | 220025           | 220022 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220859                            | <b>Conn Rod</b>   | 220437              |
| <b>Crankshaft</b>                                                                   | 220601           | 140015 (Nut)                              |                   |                  | <b>Front end Cover</b> | 220438                            |                   |                     |
| <b>Bolts</b>                                                                        | 140143 (4)       | 140132 (1)                                | 140138 (5)        | 140198 (4)       | 140124 (4)             |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Front Bush</b>                         | <b>Inserts</b>    | <b>Oil Seal</b>  | <b>O Ring</b>          | <b>Base Plate</b>                 | <b>R Cov Seal</b> |                     |
|                                                                                     | 050189           | 050292                                    | 050159            | 110034           | RM0880-30V             | 080038 (2)                        | RM0570-30V        |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 142 850 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A069R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 0041318301        |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Non-Through       | Water                                     | 11 kg             | Side              | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK004          | A67RK004A                                 | A67RK004B         | A67RK004C         | A67RK004V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                   | 020068            | 020197                                    | 020069            | 020198            | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          | A67RK099                                  | A67RK009          | A67RK100          | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220025            | 220022 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> | 220187                            |                  |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140132 (1)                                | 140138 (5)        | 140138 (4)        | 140124 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Oil Seal</b>                           | <b>Base Plate</b> | <b>Cover Seal</b> |                        |                                   |                  |                     |
|                                                                                   | 050292            | 110034                                    | 080038 (2)        | RM0880-30V        |                        |                                   |                  |                     |

|                                                                                   |                   |                                           |                       |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 143 805 0</b> |                       |                  |                        | <b>MAJORSELL REBUILD: 67A087R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | RVI                   | IVECO            | DAF                    | IKARUS                            |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 0001119046<br>1606049 | 01173860         | 01174472               | 01173852                          | 01261657         | 1517936             |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>         | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Non-Through       | Air                                       | 10 kg                 | Base             | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>     | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK024          | A67RK024A                                 | A67RK024B             | A67RK024C        | A67RK024V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>        | <b>0.75 mm</b>   | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                   | 020068            | 020197                                    | 020069                | 020198           | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          | A67RK099                                  | A67RK009              | A67RK100         | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220439            | 220440 (Comp)                             |                       |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  | 220437              |
| <b>Crankshaft</b>                                                                 | 220436            | 140015 (Nut)                              |                       |                  | <b>Front end Cover</b> | 220438                            |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140167 (1)                                | 140138 (4)            | 140198 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b>     | <b>Inserts</b>   | <b>Seal</b>            |                                   |                  |                     |
|                                                                                   | 050292            | 050189                                    | 080038 (2)            | 050159           | RM0880-30V             |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 143 844 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A095R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | DEUTZ             | IVECO             | TEREX                  | KOMATS                            |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 01173858          | 42522655          | 43385540               |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                               | Non-Through       | Air                                       | 10 kg             | Base              | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK024          | A67RK024A                                 | A67RK024B         | A67RK024C         | A67RK024V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                     | 020068            | 020197                                    | 020069            | 020198            | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                        | A67RK007          | A67RK099                                  | A67RK009          | A67RK100          | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220439            | 220440 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  | 220437              |
| <b>Crankshaft</b>                                                                   | 220436            | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140167 (1)                                | 140198 (4)        | 140138 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Oil Seal</b>   | <b>Base Plate</b> | <b>Inserts</b>         |                                   |                  |                     |
|                                                                                     | 050292            | 050189                                    | 110034            | 080038 (2)        | 050159                 |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 143 881 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A089R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | FORD              | EVOBUS           |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Non-Through       | Water                                     | 11 kg             | Base             | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK004          | A67RK004A                                 | A67RK004B         | A67RK004C        | A67RK004V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                   | 020068            | 020197                                    | 020069            | 020198           | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          | A67RK099                                  | A67RK009          | A67RK100         | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220025            | 220022 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  | 220437              |
| <b>Crankshaft</b>                                                                 | 220436            | 140015 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140132 (1)                                | 140138 (5)        | 140198 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Cover Seal</b> | <b>Inserts</b>   | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                   | 050292            | 050189                                    | RM0880-30V        | 050159           | 080038 (2)             |                                   |                  |                     |

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 144 003 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A088R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | IVECO             | DEUTZ             |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 01180386          |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Air                                       | 10 kg             | Flange            | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK035          | A67RK035A                                 | A67RK035B         | A67RK035C         | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220284            | 220283 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140150 (4)                                | 140138 (4)        |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>O Ring</b>     | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                   | 050195            | 050189                                    | RM1250-30V        | 080038 (2)        |                        |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 145 507 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A051R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MAN               | NEOPLAN           |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | J1541017201       | 51541017201       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through           | Water                                     | 11.5 kg           | Flange            | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK055          | A67RK055A                                 | A67RK055B         | A67RK035C         | A67RK055V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220293            | 220292 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140138 (4)                                | 140135 (4)        | 140103 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Inserts</b>    | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                     | 050158            | 050197                                    | 050159            | 080038 (2)        |                        |                                   |                  |                     |

## WABCO SERIES

|                                                                                   |                   |                                           |                      |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 145 512 0</b> |                      |                  |                        | <b>MAJORSELL REBUILD: 67A052R</b> |                  |                     |
|                                                                                   |                   | Users                                     |                      |                  |                        |                                   |                  |                     |
|                                                                                   |                   | OE                                        |                      |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>        | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Air                                       | 10 kg                | Flange           | Engine Oil             |                                   | 26 mm            | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>    | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK055          | A67RK055A                                 | A67RK055B            | A67RK035C        | A67RK035V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>       | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076               | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014             | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220284            | 220283 (Comp)                             |                      |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                              |                      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140138 (4)                                | 140124 (4)           | 140138 (2)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Thrust Washer</b> | <b>Inserts</b>   | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                   | 050158            | 050197                                    | 050191               | 050159           | 080038 (2)             |                                   |                  |                     |

|                                                                                   |                 |                                           |                   |                  |                        |                           |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: 411 146 001 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | Users                                     |                   |                  |                        |                           |                  |                     |
|                                                                                   |                 | OE                                        |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             |                 |                                           |                   |                  |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK083        | A67RK083A                                 | A67RK083B         | A67RK083C        |                        |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         | <b>+1.50 mm</b>           |                  |                     |
|                                                                                   | 020068          | 020197                                    | 020069            | 020198           | 020070                 | 020071                    |                  |                     |
| <b>Rings</b>                                                                      | A67RK007        | A67RK099                                  | A67RK009          | A67RK100         | A67RK011               |                           |                  |                     |
| <b>Head</b>                                                                       |                 |                                           |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                           |                   |                  |                        |                           |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 146 003 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A096R</b> |                  |                     |
|                                                                                     |                   | Users                                     | IVECO             | DEUTZ             |                        |                                   |                  |                     |
|                                                                                     |                   | OE                                        | 04428408          |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                               | Non-Through       | Air                                       | 14 kg             | Flange            | Engine Oil             |                                   | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK083          | A67RK083A                                 | A67RK083B         | A67RK083C         | A67RK024V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                     | 020068            | 020197                                    | 020069            | 020198            | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                        | A67RK007          | A67RK099                                  | A67RK009          | A67RK100          | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220439            | 220440 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140167 (1)                                | 140138 (5)        | 140150 (4)        | 140193 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>O Ring</b>     | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                     | 050211            | 050189                                    | RM1250-30V        | 080038 (2)        |                        |                                   |                  |                     |



## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 147 058 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A151R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               | NEOPLAN           |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 0285001           | 010170135         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Non-Through       | Water                                     | 12 kg             | Flange            | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK004          | A67RK004A                                 | A67RK004B         | A67RK024C         | A67RK024V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                   | 020068            | 020197                                    | 020069            | 020198            | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          | A67RK099                                  | A67RK009          | A67RK100          | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220025            |                                           |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220437              |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140130 (1)                                | 140138 (5)        | 140193 (4)        | 140138 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Inserts</b>    | <b>Base Plate</b> | <b>Thrust Washer</b>   | <b>Flange Seal</b>                |                  |                     |
|                                                                                   | 050292            | 050189                                    | 050159            | 080038 (2)        | 050191                 | RM0800-30V                        |                  |                     |

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 147 059 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A036R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               | DENNIS            | FODEN                  | SEDDON                            |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | FBU2080           | 1505267           |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Through           | Water                                     | 13 kg             | Flange            | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK053          | A67RK053A                                 | A67RK053B         | A67RK024C         | A67RK024V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         | <b>+1.50 mm</b>                   |                  |                     |
|                                                                                   | 020068            | 020197                                    | 020069            | 020198            | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007          | A67RK099                                  | A67RK009          | A67RK100          | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220025            |                                           |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140130 (1)                                | 140184 (3)        | 140176 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Inserts</b>    | <b>Base Plate</b> | <b>Thrust Washer</b>   |                                   |                  |                     |
|                                                                                   | 050195            | 050189                                    | 050159            | 080038 (2)        | 050191                 |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 151 000 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A054R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               | SCANIA            | MERCEDES               |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 1506773           | 9061300615        | 9061310501             | 1932577                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 10 kg             | Flange            | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK057          | A67RK057A                                 | A67RK057B         | A67RK057C         | A67RK057V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220165            | 220145 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140144 (1)                                | 140124 (4)        | 140103 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Front Gear</b>                         | <b>O Ring</b>     | <b>Base Plate</b> | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                     | 050212            | 220178                                    | RM1180-30V        | 080038 (2)        | 020984                 |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 411 151 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A067R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061300715        | 9061301115       | 9061302815             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 10 kg             | Flange           | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK060          | A67RK060A                                 | A67RK060B         | A67RK060C        | A67RK060V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220158            | 220149 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220593              |
| <b>Crankshaft</b>                                                                 | 220460            | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140139 (1)                                | 140199 (1)        | 140138 (4)       | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050212            | 020984                                    | 220058            | RM1180-30V       |                        |                                   |                  |                     |

|                                                                                   |                  |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 411 151 004 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A068R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                              | MAN               |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                                 | 51541017240       | 51541007005      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through          | Water                                     | 11.5 kg           | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK059         | A67RK059A                                 | A67RK059B         | A67RK059C        | A67RK059V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023           | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028         | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220165           | 220413 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 | 220995           | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)       | 140144 (1)                                | 140138 (5)        |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050197           | 220058                                    | RM0840-30V        | RM0100-30S       | 020984                 |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 411 151 008 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A114R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 9061304115        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 10 kg             | Flange           | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK060          | A67RK060A                                 | A67RK060B         | A67RK060C        | A67RK060V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220158            | 220149 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220593              |
| <b>Crankshaft</b>                                                                   | 220460            | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140131 (4)        | 140139 (1)                                | 140199 (1)        | 140138 (4)       | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    | <b>Drive Gear</b>      | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                     | 050212            | RM0880-30V                                | 220058            | RM1180-30V       | 220178                 | 020984                            |                  |                     |

## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 151 009 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A170R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4111510080        | 9061305415       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 10 kg             | Flange           | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK098          | A67RK098A                                 | A67RK098B         | A67RK098C        | A67RK098V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220526            | 220525 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220593              |
| <b>Crankshaft</b>                                                                 | 220460(L/H)       | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140139 (2)                                | 140199 (2)        | 140138 (4)       | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    | <b>Drive Gear</b>      | <b>Liner Sleeve</b>               |                  |                     |
|                                                                                   | 050212            | RM0880-30V                                | 220058            | RM1180-30V       | 220178                 | 020984                            |                  |                     |

|                                                                                   |                   |                                           |                   |                     |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 154 000 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A020R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               | MERCEDES            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1517938           | 9061301215          | 9061302915             |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 10 kg             | Flange              | Engine Oil             |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK060          | A67RK060A                                 | A67RK060B         | A67RK060C           | A67RK060V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220158            | 220149 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220377(L/H)       | 140203 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140139 (1)                                | 140199 (1)        | 140138 (4)          | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>Liner Sleeve</b> | <b>Front Gear</b>      |                                   |                  |                     |
|                                                                                   | 050212            | 220058                                    | RM1180-30V        | 020984              | 220178                 |                                   |                  |                     |

|                                                                                     |                 |                                           |                   |                  |                        |                           |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <b>MAJORSELL PARTS FOR: 411 154 001 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                                 |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through         | Water                                     | 13.5 kg           | Flange           |                        | M14                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A67RK089        | A67RK089A                                 | A67RK089B         | A67RK063C        |                        |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020023          | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A69RK028        | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                           |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                           |                   |                  |                        |                           |                  |                     |
|                                                                                     |                 |                                           |                   |                  |                        |                           |                  |                     |

## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 154 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A245R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 906 130 4215      | 906 130 5115     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 13 Kg             | Flange           | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK060          | A67RK060A                                 | A67RK060B         | A67RK060C        | A67RK060V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220158            | 220149 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220377(L/H)       | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (4)        | 140139 (1)                                | 140138 (4)        | 140124 (4)       | 140138 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050212            | 020984                                    | 220058            | RM1180-30V       |                        |                                   |                  |                     |

\* Now 411 154 004 0

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                    |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|---------------------|-------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 553 000 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A134R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061301015          |                   |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 19 Kg               | Flange            | Engine Oil             | 14MM                              | Flange             | 26MM                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Cooling Plate</b>   | <b>Valve Plate</b>                | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK072          | A67RK072A                                 | A67RK072B           | A67RK072C         | A67RK065CP             | A67RK072V                         | A67RK065V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220160            | 220357 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220472(L/H)       | 140016 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140131 (2)                                | 140139 (2)          | 140138 (6)        |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Drive Gear</b>                         | <b>Liner Sleeve</b> | <b>Base Plate</b> |                        |                                   |                    |                     |
|                                                                                   | 050212            | 220178                                    | 020985 (2)          | 220058 (2)        |                        |                                   |                    |                     |

\* A67RK072V - Old Style

\* A67RK065V - New Style

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 553 001 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A112R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 9061301515        | 9061304715        |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 18.5 Kg           | Flange            | Engine Oil             | M14                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK065          | A67RK065A                                 | A67RK065B         | A67RK065C         | A67RK065V              | A67RK065CP                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220528            | 220376 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220100 (2)          |
| <b>Crankshaft</b>                                                                   | 220472            | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140102 (4)        | 140131 (2)                                | 140139 (2)        | 140138 (6)        | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Drive Gear</b>                         | <b>O Ring</b>     | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                     | 050212            | 220178                                    | RM1180-30V        | 220058 (2)        |                        |                                   |                  |                     |

\* Now 411 553 003 0

## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 411 553 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A135R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061304715        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 19 Kg             | Flange           | Engine Oil             | M14                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK065          | A67RK065A                                 | A67RK065B         | A67RK065C        | A67RK065V              | A67RK065CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220528            | 220376 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220472(L/H)       | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140131 (2)                                | 140139 (2)        | 140138 (6)       | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Drive Gear</b> | <b>Base Plate</b>                         | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 220178            | 220058 (2)                                | RM1180-30V        |                  |                        |                                   |                  |                     |

## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 412 352 002 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A056R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          | EVOBUS           |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061301415        | 9061303015       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 13 kg             | Flange           | Engine Oil             | M14                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK066          | A67RK066A                                 | A67RK066B         | A67RK066C        | A67RK066V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220278            | 220277 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220377(L/H)       | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140139 (1)                                | 140151 (2)        | 140199 (3)       | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Drive Gear</b>                         | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                   | 050212            | 220178                                    | 220058 (2)        | RM1180-30V       | 020984                 |                                   |                  |                     |

|                                                                                   |                          |                                           |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|--------------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                          | <b>MAJORSELL PARTS FOR: 412 352 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A033R</b> |                  |                     |
|                                                                                   |                          | <b>Users</b>                              | MAN               |                  |                        |                                   |                  |                     |
|                                                                                   |                          | <b>OE</b>                                 | 51541007005       |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>             | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through                  | Water                                     | 12 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>          | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK063                 | A67RK063A                                 | A67RK063B         | A67RK063C        | A67RK063V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>               | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023                   | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028                 | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220287                   | 220286 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220488                   | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140128 (4)               | 140385 (6)                                | 140199 (6)        | 140316 (6)       | 140215 (2)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Flange Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>O Ring</b>                     | <b>O Ring</b>    | <b>Liner Sleeve</b> |
|                                                                                   | 220489                   | 050197                                    | 220058            | RM0100-30S       | RM0845-30V             | RM0840-30V                        | RM0840-30V       | 020984              |

|                                                                                     |                   |                                           |                     |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 004 0</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 67A116R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | VOLVO               |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 20382346            |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 15 kg               | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK092          | A67RK092A                                 | A67RK092B           | A67RK067C        | A67RK062D              | A67RK092V                         | A67RK092CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024              | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054            | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220276            | 220275 (Comp)                             |                     |                  | <b>Rear end Cover</b>  | 220571                            | <b>Conn Rod</b>      | 220224              |
| <b>Crankshaft</b>                                                                   | 220994            | 140016 (Nut)                              |                     |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140128 (4)        | 140144 (4)                                | 140138 (8)          | 140124 (4)       | 140138 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                      |                     |
|                                                                                     | 050195            | 220058                                    | 020984              | RM1550-30V       | 160126                 | 020984                            |                      |                     |



## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 005 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A028R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20382348          |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 14 kg             | Flange           | Engine Oil             | M16                               | Flange             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK067          | A67RK067A                                 | A67RK067B         | A67RK067C        | A67RK062D              | A67RK067CP                        | A67RK067V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220274            | 220226 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220571                            | <b>Conn Rod</b>    | 220224              |
| <b>Crankshaft</b>                                                                 | 220168            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140144 (4)                                | 140138 (3)        | 140124 (4)       | 140138 (4)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                    |                     |
|                                                                                   | 050195            | 160116                                    | 220058            | RM1250-30V       | 160126                 |                                   |                    |                     |

|                                                                                   |                  |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                  | <b>MAJORSELL PARTS FOR: 412 352 008 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A070R</b> |                  |                     |
|                                                                                   |                  | <b>Users</b>                              | IVECO             |                  |                        |                                   |                  |                     |
|                                                                                   |                  | <b>OE</b>                                 | 41211219          | 41211220         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>     | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through          | Water                                     | 13 kg             | Flange           | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>  | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A67RK117         | A67RK117A                                 | A67RK117B         | A67RK117C        | A67RK062D              | A67RK117V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>       | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023           | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028         | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220408           | 220407 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220623           | 140015 (R/H)                              | 140321 (L/H)      |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)       | 140385 (6)                                | 140199 (6)        | 140215 (2)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 050195           | 220058                                    | RM1250-30V        | RM0096-24V       |                        |                                   |                  |                     |

|                                                                                     |                   |                                           |                     |                   |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 010 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A007R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571301715          |                   |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 15 kg               | Flange            | Engine Oil             | M18                               | M26                | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A67RK062          | A67RK062A                                 | A67RK062B           | A67RK062C         | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220167            | 220169 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                   | 220170            | 140016 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140144 (4)        | 140128 (8)                                | 140124 (4)          | 140138 (4)        |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Flange Seal</b>                        | <b>Liner Sleeve</b> | <b>O Ring (2)</b> | <b>Base Plate</b>      |                                   |                    |                     |
|                                                                                     | 050213            | 160116                                    | 020984              | RM0840-30V        | 220058                 |                                   |                    |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 011 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A034R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571301615        | 9061301615        |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 13 kg             | Flange            | Engine Oil             | M16                               | M30                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK062          | A67RK062A                                 | A67RK062B         | A67RK062C         | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220167            | 220169 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                 | 220170            | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140144 (4)        | 140128 (8)                                | 140124 (4)        | 140138 (4)        |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring (2)</b> | <b>Liner Sleeve</b>    |                                   |                    |                     |
|                                                                                   | 050213            | 160116                                    | 220058            | RM0840-30V        | 020984                 |                                   |                    |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 014 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A171R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571302415        |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 14.5 kg           | Flange           | Engine Oil             | M16                               | M30                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK062          | A67RK062A                                 | A67RK062B         | A67RK062C        | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220167            | 220169 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                 | 220473 (L/H)      | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140144 (4)        | 140143 (8)                                | 140124 (4)        | 140138 (4)       |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>O Ring</b>    |                        | <b>Drive Gear</b>                 | <b>Gasket</b>      |                     |
|                                                                                   | 050213            | 020984                                    | 220058            | RM0840-30V (2)   |                        | 220180                            | 010421             |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 016 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A075R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571302165        |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 13 kg             | Flange           | Engine Oil             | M16                               | M30                | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A67RK062          | A67RK062A                                 | A67RK062B         | A67RK062C        | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220167            | 220169 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                   | 220473 (L/H)      | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140144 (4)        | 140128(4)                                 | 140138 (4)        | 140124 (4)       | 140138 (4)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Base Plate</b> | <b>O Ring</b>                             | <b>Gasket</b>     | <b>O Ring</b>    | <b>Front Bush</b>      | <b>Liner Sleeve</b>               |                    |                     |
|                                                                                     | 220058            | RM0840-30V                                | 010421            | 160116           | 050213                 | 020984                            |                    |                     |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 412 352 020 0</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 67A181R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                              | IVECO             |                    |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                                 | 504308489         |                    |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through              | Water                                     | 13.5 kg           | Flange             | Engine Oil             | M18                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A67RK117             | A67RK117A                                 | A67RK117B         | A67RK117C          | A67RK062D              | A67RK117V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189             | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070           | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220408               | 220407 (Comp)                             |                   |                    | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220623               | 140146 (Nut)                              |                   |                    | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)           | 140385 (6)                                | 140316 (4)        | 140199 (4)         | 140153 (4)             | 140153 (6)                        | 140199 (6)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>Cover Plate</b> | <b>O Ring</b>          | <b>O Ring</b>                     |                  |                     |
|                                                                                   | 220624               | 050195                                    | 220058            | 220622             | RM1250-30V             | RM0096-24V                        |                  |                     |

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 025 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A115R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061301415        | 9061303015        |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 13 kg             | Flange            | Engine Oil             | M14                               | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK066          | A67RK066A                                 | A67RK066B         | A67RK066C         | A67RK066V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220278            | 220277 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220377(L/H)       | 140203 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140132 (4)        | 140151 (2)                                | 140139 (1)        | 140199 (3)        | 140138 (4)             | 140124 (4)                        | 140138 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>Drive Gear</b> | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050212            | 020984                                    | 220058            | 220178            | RM1180-30V             |                                   |                  |                     |

|                                                                                     |                   |                                           |                     |                     |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 026 0</b> |                     |                     |                        | <b>MAJORSELL REBUILD: 67A125R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES            |                     |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571302165          | 4571302315          | 4571302415             | 4571304415                        |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 15 kg               | Flange              | Engine Oil             | M16                               | M30                | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A67RK062          | A67RK062A                                 | A67RK062B           | A67RK062C           | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                     | 020023            | 020179                                    | 020024              | 020189              | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054            | A69RK070            | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                         | 220167            | 220169 (Comp)                             |                     |                     | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                   | 220473(L/H)       | 140203 (Nut)                              |                     |                     | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        | 140144 (4)        | 140128 (4)                                | 140138 (8)          | 140124 (4)          |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>Front Gasket</b> |                        |                                   |                    |                     |
|                                                                                     | 050280            | 220058                                    | 020984              | 010421              |                        |                                   |                    |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 027 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A126R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571304515        |                   |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 15 kg             | Flange            | Engine Oil             | M16                               | M30                | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK062          | A67RK062A                                 | A67RK062B         | A67RK062C         | A67RK062D              | A67RK062CP                        | A67RK062V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220167            | 220169 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>    | 220150              |
| <b>Crankshaft</b>                                                                 | 220473            | 140203 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140144 (4)        | 140128 (4)                                | 140138 (8)        | 140124 (4)        | 140138 (4)             |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Front Gasket</b>                       | <b>Base Plate</b> | <b>Drive Gear</b> | <b>Liner Sleeve</b>    |                                   |                    |                     |
|                                                                                   | 050280            | 010421                                    | 220058            | 220180            | 020984                 |                                   |                    |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 352 030 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A249R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20382348          |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 14 kg             | Flange           | Engine Oil             | M16                               | Flange               | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK067          | A67RK067A                                 | A67RK067B         | A67RK067C        | A67RK062D              | A67RK067V                         | A67RK067CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220274            | 220226 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220571                            | <b>Conn Rod</b>      | 220224              |
| <b>Crankshaft</b>                                                                 | 220168            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140144 (4)                                | 140124 (4)        | 140138 (8)       | 140138 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                   | 050195            | 220058                                    | 010262            | RM1250-30V       | 160126                 |                                   |                      |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 412 442 000 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A030R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               | RVI              |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 1522159           | 5010550086       | 5600621115             |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Water                                     | 17 kg             | Flange           | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK074          | A67RK074A                                 | A67RK074B         | A67RK074C        | A67RK082D              | A67RK074V                         | A67RK074CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020067            | 020176                                    | 020076            | 020196           | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220342            | 220242 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140149 (6)        | 140151 (2)                                | 140138 (6)        | 140199 (2)       | 140316 (4)             | 140199 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                      |                     |
|                                                                                     | 220445            | 050216                                    | 220058 (2)        | BS250S           | 160114                 | 020987                            |                      |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 442 001 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A083R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | RVI               |                     |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 5010437567        |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                                     | 20 kg             | Flange              | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK074          | A67RK074A                                 | A67RK074B         | A67RK074C           | A67RK082D              | A67RK074V                         | A67RK074CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196              | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102            | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220342            | 220242 (Comp)                             |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                 | 220444            | 140016 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140149 (6)        | 140151 (2)                                | 140138 (6)        |                     |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>Liner Sleeve</b> |                        |                                   |                      |                     |
|                                                                                   | 220443            | 050216                                    | 220058            | 020987              |                        |                                   |                      |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 636 000 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A061R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | EVOBUS            | MERCEDES         |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9061303215        | 9061300915       | 9061302215             |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 19 kg             | Flange           | Engine Oil             | M14                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK069          | A67RK069A                                 | A67RK069B         | A67RK069C        | A67RK073D              | A67RK069V                         | A67RK069CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220160            | 220479 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220775(L/H)       | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140131 (6)        | 140139 (2)                                | 140138 (6)        | 140124 (4)       | 140138 (4)             | 140199 (2)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>O Ring</b>    | <b>Drive Gear</b>      |                                   |                      |                     |
|                                                                                   | 050212            | 020985 (2)                                | 220058 (2)        | RM1180-30V       | 220178                 |                                   |                      |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 636 001 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A076R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               | MERCEDES         |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 9061301615        | 9061302115       | 1518595                |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 19 kg             | Flange           | Engine Oil             | M14                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK065          | A67RK065A                                 | A67RK065B         | A67RK065C        | A67RK065D              | A67RK065V1                        | A67RK065CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220280            | 220279 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140139 (2)                                | 140138 (6)        | 140124 (4)       | 140138 (4)             | 140199 (2)                        |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Liner Sleeve</b>                       | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                     | 050212            | 020985 (2)                                | 220058 (2)        | RM1180-30V       | RM0880-30V             |                                   |                      |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSSELL PARTS FOR: 412 636 003 0</b> |                   |                   |                        | <b>MAJORSSELL REBUILD: 67A081R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                               | MERCEDES          |                   |                        |                                    |                  |                     |
|                                                                                   |                   | <b>OE</b>                                  | 9061304515        |                   |                        |                                    |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                      | 20 kg             | Flange            | Engine Oil             | M14                                | Flange           | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>               |                  |                     |
|                                                                                   | A67RK069          | A67RK069A                                  | A67RK069B         | A67RK069C         | A67RK073D              | A67RK069V                          | A67RK069CP       |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                    |                  |                     |
|                                                                                   | 020023            | 020179                                     | 020024            | 020189            | 020025                 |                                    |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                   | A69RK054          | A69RK070          | A69RK055               |                                    |                  |                     |
| <b>Head</b>                                                                       | 220160            | 220479 (Comp)                              |                   |                   | <b>Rear end Cover</b>  | 220093                             | <b>Conn Rod</b>  | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220775            | 140203 (Nut)                               |                   |                   | <b>Front end Cover</b> |                                    |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (6)        | 140199 (2)                                 | 140138 (6)        | 140124 (4)        | 140138 (4)             | 140139 (2)                         |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                        | <b>O Ring</b>     | <b>Base Plate</b> | <b>Drive Gear</b>      |                                    |                  |                     |
|                                                                                   | 050212            | 020985 (2)                                 | RM1180-30V        | 220058 (2)        | 220178                 |                                    |                  |                     |

|                                                                                   |                   |                                            |                   |                     |                        |                                    |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|--------------------------------------------|-------------------|---------------------|------------------------|------------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSSELL PARTS FOR: 412 704 000 0</b> |                   |                     |                        | <b>MAJORSSELL REBUILD: 67A026R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                               | VOLVO             |                     |                        |                                    |                      |                     |
|                                                                                   |                   | <b>OE</b>                                  | 20382345          | 20478151            |                        |                                    |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                      | 20 kg             | Flange              | Engine Oil             | M16                                | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                 | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK084          | A67RK084A                                  | A67RK084B         | A67RK065C           | A67RK073D              | A67RK084V                          | A67RK084CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                    |                      |                     |
|                                                                                   | 020023            | 020179                                     | 020024            | 020189              | 020025                 |                                    |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                   | A69RK054          | A69RK070            | A69RK055               |                                    |                      |                     |
| <b>Head</b>                                                                       | 220296            | 220295 (Comp)                              |                   |                     | <b>Rear end Cover</b>  | 220227                             | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220572            | 140016 (Nut)                               |                   |                     | <b>Front end Cover</b> |                                    |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140210 (2)                                 | 140138 (6)        | 140199 (2)          | 140124 (4)             | 140138 (4)                         |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                              | <b>Base Plate</b> | <b>Liner Sleeve</b> |                        |                                    |                      |                     |
|                                                                                   | 050190            | RM1550-30V                                 | 220058 (2)        | 020986              |                        |                                    |                      |                     |

|                                                                                     |                   |                                            |                   |                     |                        |                                    |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|--------------------------------------------|-------------------|---------------------|------------------------|------------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSSELL PARTS FOR: 412 704 001 0</b> |                   |                     |                        | <b>MAJORSSELL REBUILD: 67A027R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                               | SCANIA            | RVI                 | VOLVO                  |                                    |                      |                     |
|                                                                                     |                   | <b>OE</b>                                  | 1505917           |                     |                        |                                    |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                      | 18 kg             | Flange              | Engine Oil             | M16                                | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                 | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK068          | A67RK068A                                  | A67RK068B         | A67RK068C           | A67RK073D              | A67RK068V                          | A67RK068CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                    |                      |                     |
|                                                                                     | 020023            | 020179                                     | 020024            | 020189              | 020025                 |                                    |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                   | A69RK054          | A69RK070            | A69RK055               |                                    |                      |                     |
| <b>Head</b>                                                                         | 220245            | 220166 (Comp)                              |                   |                     | <b>Rear end Cover</b>  | 220227                             | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                   | 220229            | 140016 (Nut)                               |                   |                     | <b>Front end Cover</b> |                                    |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140275 (2)                                 | 140138 (6)        | 140176 (2)          | 140124 (4)             | 140138 (4)                         |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>O Ring</b>                              | <b>Base Plate</b> | <b>Liner Sleeve</b> |                        |                                    |                      |                     |
|                                                                                     | 050190            | RM1250-30V                                 | 220058 (2)        | 020987              |                        |                                    |                      |                     |

\* Now 412 704 008 0



## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 004 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A047R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 85000329          |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK068          | A67RK068A                                 | A67RK068B         | A67RK065C        | A67RK073D              | A67RK068V                         | A67RK068CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220245            | 220166 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140138 (6)        | 140276 (2)       | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                   | 050190            | 220058 (2)                                | RM1250-30V        | 160126           | 020986                 |                                   |                      |                     |

\* Now 412 704 008 0

|                                                                                   |                   |                                           |                   |                     |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 412 704 005 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A046R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                     |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20701801          |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     |                   | Flange              | Engine Oil             |                                   |                      |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK068          | A67RK068A                                 | A67RK068B         | A67RK065C           | A67RK073D              | A67RK068V                         | A67RK068CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220245            | 220166 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140139 (2)                                | 140138 (6)        | 140199 (2)          | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>Liner Sleeve</b> |                        |                                   |                      |                     |
|                                                                                   | 050190            | RM1250-30V                                | 220058 (2)        | 020986 (2)          |                        |                                   |                      |                     |

\* Replaced by 412 704 008 0

|                                                                                     |                   |                                           |                   |                    |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|--------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 412 704 006 0</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 67A071R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              |                   |                    |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 |                   |                    |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85mm                                                                                | Non-Through       | Water                                     |                   | Flange             | Engine                 |                                   |                      |                     |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK084          | A67RK084A                                 | A67RK084B         | A67RK084C          | A67RK073D              | A67RK084V                         | A67RK084CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189             | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070           | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220296            | 220295 (Comp)                             |                   |                    | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                   | 220572            | 140016 (Nut)                              |                   |                    | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140275 (2)                                | 140276 (2)        | 140124 (4)         | 140138 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Sump Cover</b>                         | <b>Seal</b>       | <b>Flange Seal</b> |                        |                                   |                      |                     |
|                                                                                     | 050190            | 220058 (2)                                | RM0880-30V        | RM1550-30V         |                        |                                   |                      |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 008 0</b> |                     |                     |                        | <b>MAJORSELL REBUILD: 67A041R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO               | RVI                 | DAF                    |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20701801<br>1505917 | 20382347<br>1516708 | 20547525               | 20569224                          | 5021209007           | 7420569224          |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg               | Flange              | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK068          | A67RK068A                                 | A67RK068B           | A67RK065C           | A67RK073D              | A67RK068V1                        | A67RK068CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220577            | 220576 (Comp)                             |                     |                     | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                              |                     |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140138 (6)          | 140276 (2)          | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>       | <b>O Ring</b>       | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                   | 050190            | 220058 (2)                                | RM1250-30V          | 160126              | 020986                 |                                   |                      |                     |

|                                                                                   |                   |                                           |                   |                     |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 009 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A103R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             | RVI                 | SCANIA                 |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20713886          |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg             | Flange              | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK068          | A67RK068A                                 | A67RK068B         | A67RK065C           | A67RK073D              | A67RK068V1                        | A67RK068CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220577            | 220576 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220229            | 140016 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140138 (6)        | 140276 (2)          | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>Liner Sleeve</b> |                        |                                   |                      |                     |
|                                                                                   | 050190            | 220058 (2)                                | RM1250-30V        | 020986              |                        |                                   |                      |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 013 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A078R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | RVI               | VOLVO            |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 20574763          | 20775224         | 20866605               |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 19 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK084          | A67RK084A                                 | A67RK084B         | A67RK065C        | A67RK073D              | A67RK084V1                        | A67RK084CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220953            | 220295 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                   | 220572            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140124 (4)                                | 140138 (6)        | 140138 (4)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                      |                     |
|                                                                                     | 050190            | RM1350-30V                                | 220058 (2)        | 160126           |                        |                                   |                      |                     |

## WABCO SERIES

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|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 412 704 014 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A044R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 85000614          | 20569928         |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK084          | A67RK084A                                 | A67RK084B         | A67RK065C        | A67RK073D              | A67RK084V                         | A67RK084CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220296            | 220295 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220572            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140210 (2)        | 140276 (2)       | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                      |                     |
|                                                                                   | 050190            | RM1550-30V                                | 220058 (2)        | 160126           |                        |                                   |                      |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 015 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A104R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 20845313          |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK084          | A67RK084A                                 | A67RK084B         | A67RK065C        | A67RK073D              | A67RK084V                         | A67RK084CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220296            | 220295 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220572            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140276 (2)        | 140124 (4)       | 140138 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                   | 050190            | RM0880-30V                                | 220058 (2)        | RM1650-30V       | 160126                 |                                   |                      |                     |

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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 016 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A105R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 20866605          |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 19 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK084          | A67RK084A                                 | A67RK084B         | A67RK065C        | A67RK073D              | A67RK084V1                        | A67RK084CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220953            | 220295 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                   | 220572            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140275 (2)                                | 140138 (6)        | 140276 (2)       | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>O Ring</b>    |                        |                                   |                      |                     |
|                                                                                     | 050190            | 220058 (2)                                | RM1350-30V        | 160126           |                        |                                   |                      |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 018 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A117R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 21172036          | 85003282         |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 19 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK085          | A67RK085A                                 | A67RK085B         | A67RK085C        | A67RK085D              | A67RK085V                         | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220331            | 220299 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140138 (6)        | 140276 (2)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>O Ring</b>          |                                   |                      |                     |
|                                                                                   | 220248            | 050249                                    | 220058 (2)        | RM1650-30V       | 160126                 |                                   |                      |                     |

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|  |                   | <b>MAJORSELL PARTS FOR: 412 704 019 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A137R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 |                   |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 19 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK085          | A67RK085A                                 | A67RK085B         | A67RK085C        | A67RK085D              | A67RK085V1                        | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220331            | 220570 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220227                            | <b>Conn Rod</b>      | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220572            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140275 (2)                                | 140138 (4)        | 140276 (2)       | 140124 (4)             |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                      |                     |
|                                                                                   | 050190            | RM1450-30V                                | 220058 (2)        | 160126           |                        |                                   |                      |                     |

## WABCO SERIES

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|  |                            | <b>MAJORSELL PARTS FOR: 911 141 001 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A025R</b> |                  |                     |
|                                                                                   |                            | <b>Users</b>                              | Seddon/Atkinson   |                      | Perkins                | DAF                               | IVECO            | AWD                 |
|                                                                                   |                            | <b>OE</b>                                 | 3297422           |                      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>               | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through                    | Water                                     | 13 kg             | Flange               | Engine Oil             | 3/8"                              | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>            | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK037                   | A67RK037A                                 | A67RK037B         | A67RK035C            | A67RK037V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                 | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067                     | 020176                                    | 020076            | 020196               | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013                   | A67RK101                                  | A67RK014          | A67RK102             | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                            |                                           |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                            |                                           |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)                 | 140138 (4)                                |                   |                      |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front and Rear Bush</b> |                                           | <b>Inserts</b>    | <b>Blanking Plug</b> |                        |                                   |                  |                     |
|                                                                                   | 050200                     |                                           | 050159            | 080004 (2)           |                        |                                   |                  |                     |

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|  |                              | <b>MAJORSELL PARTS FOR: 911 142 000 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A065R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                              | FODEN             | DAF                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                                 |                   |                      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Through                      | Water                                     | 13 kg             | Base                 | Engine Oil             | 3/8"                              | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK036                     | A67RK036A                                 | A67RK036B         | A67RK024C            |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         | <b>1.50 mm</b>                    |                  |                     |
|                                                                                   | 020068                       | 020197                                    | 020069            | 020198               | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007                     | A67RK099                                  | A67RK009          | A67RK100             | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       |                              |                                           |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                              | 140016 (Nut)                              |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)                   | 140137 (4)                                |                   |                      |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> |                                           | <b>Inserts</b>    | <b>Blanking Plug</b> | <b>O Ring</b>          |                                   |                  |                     |
|                                                                                   | 050200                       |                                           | 050159            | 080004 (2)           | RM0950-25              |                                   |                  |                     |

|                                                                                     |                            |                                           |                   |                      |                        |                                   |                  |                     |
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|  |                            | <b>MAJORSELL PARTS FOR: 911 145 002 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A085R</b> |                  |                     |
|                                                                                     |                            | <b>Users</b>                              | DAF               |                      |                        |                                   |                  |                     |
|                                                                                     |                            | <b>OE</b>                                 | 1505265           |                      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>               | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Through                    | Water                                     | 12 kg             | Base                 | Engine Oil             | 3/8"                              | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>            | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK037                   | A67RK037A                                 | A67RK037B         | A67RK035C            | A67RK055V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                 | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067                     | 020176                                    | 020076            | 020196               | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013                   | A67RK101                                  | A67RK014          | A67RK102             | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         |                            |                                           |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                            |                                           |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140104 (4)                 | 140138 (4)                                |                   |                      |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front and Rear Bush</b> |                                           | <b>Inserts</b>    | <b>Blanking Plug</b> |                        |                                   |                  |                     |
|                                                                                     | 050200                     |                                           | 050159            | 080004 (2)           |                        |                                   |                  |                     |

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|  |                   | <b>MAJORSELL PARTS FOR: 911 145 050 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A031R</b> |                   |                     |
|                                                                                   |                   | <b>Users</b>                              | IVECO             |                      |                        |                                   |                   |                     |
|                                                                                   |                   | <b>OE</b>                                 | 04859191          |                      |                        |                                   |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-through       | Water                                     | 10 kg             | Flange               | Engine Oil             | 16 mm                             | 26 mm             | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A67RK038          | A67RK038A                                 | A67RK038B         | A67RK038C            | A67RK038V              |                                   |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                   |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196               | 020095                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102             | A67RK023               |                                   |                   |                     |
| <b>Head</b>                                                                       |                   |                                           |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>   | 220315              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                   |                      | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140148 (4)                                | 140127 (4)        | 140138 (4)           |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear End Gasket</b>                    |                   | <b>Flange Gasket</b> |                        | <b>Oil Seal</b>                   | <b>Base Plate</b> |                     |
|                                                                                   | 050158            | 010262                                    |                   | 010364               |                        | 110037                            | 080038 (2)        |                     |

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 145 060 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A016R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 99436216          | 500310904         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                                     | 10 kg             | Flange            | Engine Oil             | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK047          | A67RK047A                                 | A67RK047B         | A67RK047C         | A67RK047V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   | 220772 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220315              |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140138 (4)                                | 140124 (4)        | 140138 (4)        | 140138 (4)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Flange Gasket</b>                      | <b>Oil Seal</b>   | <b>Base Plate</b> | <b>Speedi Sleeve</b>   |                                   |                  |                     |
|                                                                                   | 050158            | 010364                                    | 110037            | 080038 (2)        | 050283                 |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 145 560 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A066R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 |                   |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through       | Water                                     |                   | Flange            | Engine Oil             |                                   |                  |                     |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK047          | A67RK047A                                 | A67RK047B         | A67RK047C         | A67RK047V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   |                                           |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140140 (4)        | 140138 (4)                                | 140124 (4)        | 140138 (4)        |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Flange Gasket</b>                      | <b>Oil Seal</b>   | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                     | 050158            | 010364                                    | 110037            | 080038 (2)        |                        |                                   |                  |                     |



## WABCO SERIES

|                                                                                   |                            |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                            | <b>MAJORSELL PARTS FOR: 911 146 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A055R</b> |                  |                     |
|                                                                                   |                            | <b>Users</b>                              |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                            | <b>OE</b>                                 |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>               | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 90 mm                                                                             | Through                    | Water                                     | 13 kg             | Flange           | Engine Oil             | ¾"                                | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>            | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK036                   | A67RK036A                                 | A67RK036B         | A67RK024C        |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                 | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         | <b>1.50 mm</b>                    |                  |                     |
|                                                                                   | 020068                     | 020197                                    | 020069            | 020198           | 020070                 | 020071                            |                  |                     |
| <b>Rings</b>                                                                      | A67RK007                   | A67RK099                                  | A67RK009          | A67RK100         | A67RK011               |                                   |                  |                     |
| <b>Head</b>                                                                       |                            |                                           |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                            | 140277 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140104 (4)                 | 140138 (4)                                |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front and Rear Bush</b> |                                           | <b>Inserts</b>    | <b>O Ring</b>    | <b>Blanking Plug</b>   |                                   |                  |                     |
|                                                                                   | 050200                     |                                           | 050180            | RM0950-25        | 080004 (2)             |                                   |                  |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A143R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 17 kg             | Flange           | Engine Oil             | ¾"                                | Manifold         | M27                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C        | A67RK058V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220345            | 220344 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   |                                           |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140151 (5)                                | 140199 (5)        | 140138 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> |                  |                        |                                   |                  |                     |
|                                                                                   | 050207            | 6308                                      | 220058            |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 010 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A174R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | CUMMINS           |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 3969110           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 18.5 kg           | Flange           | Engine Oil             | ¾ UNF                             | Manifold         | M27                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C        | A67RK058V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220345            | 220344 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>  | 220100              |
| <b>Crankshaft</b>                                                                   |                   |                                           |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140128 (4)        | 140151 (5)                                | 140138 (4)        | 140199 (5)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                     | 050253            | 6308                                      | 220058            | RM1150-30V       |                        |                                   |                  |                     |

\* Replaced by 911 153 938 0

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 510 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A024R</b> |                    |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                   |                        |                                   |                    |                     |
|                                                                                   |                   | <b>OE</b>                                 |                   |                   |                        |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     |                   | Flange            | Engine Oil             |                                   |                    |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Ess Kit</b>                    | <b>Valve Plate</b> |                     |
|                                                                                   | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C         | A67RK058D              | A67RK058D1                        | A67RK058V          |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                    |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                    |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                    |                     |
| <b>Head</b>                                                                       | 220542            | 220541 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>    | 220100              |
| <b>Crankshaft</b>                                                                 | 220722            | 140332 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140151 (5)                                | 140138 (4)        | 140199 (2)        |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>Front Brush</b>                        | <b>Rear Bush</b>  | <b>Drive Gear</b> |                        |                                   |                    |                     |
|                                                                                   | 220058            | 050253                                    | 6308C3            | 220721            |                        |                                   |                    |                     |

|                                                                                   |                   |                                           |                   |                            |                           |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 520 0</b> |                   |                            |                           | <b>MAJORSELL REBUILD: 67A145R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                            |                           |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 3103403           | 3558163                    | 4059825                   | 4952750                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>               | <b>Lube</b>               | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 14 kg             | Flange                     | Engine Oil                | ¾ "                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>           | <b>Ess Kit</b>            | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C                  | A67RK058D                 | A67RK058V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>             | <b>1.00 mm</b>            |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189                     | 020025                    |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070                   | A69RK055                  |                                   |                  |                     |
| <b>Head</b>                                                                       | 220345            | 220344 (Comp)                             |                   |                            | <b>Rear end Cover</b>     |                                   | <b>Conn Rod</b>  | 220100              |
| <b>Crankshaft</b>                                                                 |                   |                                           |                   |                            | <b>Front end Cover</b>    |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140151 (5)                                | 140138 (4)        | 140199 (5)                 |                           |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>Front Flange Gasket</b> | <b>Rear Flange Gasket</b> |                                   |                  |                     |
|                                                                                   | 050207            | 6308                                      | 220058            | 010094                     | 010438                    |                                   |                  |                     |

|                                                                                     |                 |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: 911 153 524 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A108R</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                              |                   |                  |                        |                                   |                  |                     |
|                                                                                     |                 | <b>OE</b>                                 |                   |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               |                 | Water                                     |                   | Flange           | Engine Oil             | 3/4" UNF                          | Flange           | M27                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A67RK058        | A67RK058A                                 | A67RK058B         | A67RK058C        | A67RK062D              | A67RK058V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023          | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028        | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         |                 |                                           |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                           |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                           |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                           |                   |                  |                        |                                   |                  |                     |
|                                                                                     |                 |                                           |                   |                  |                        |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 530 0</b> |                   |                            |                        | <b>MAJORSELL REBUILD: 67A146R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                            |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 3944525           |                            |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>               | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 14 kg             | Flange                     | Engine Oil             | ¾"                                | Manifold         | M27                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>           | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C                  | A67RK058D1             | A67RK058V                         |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>             | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189                     | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070                   | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220345            | 220344 (Comp)                             |                   |                            | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>  | 220100              |
| <b>Crankshaft</b>                                                                 |                   |                                           |                   |                            | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140151 (5)                                | 140138 (4)        | 140199 (5)                 |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>Front Flange Gasket</b> |                        |                                   |                  |                     |
|                                                                                   | 050207            | 6308                                      | 220058            | 3940245                    |                        |                                   |                  |                     |

|                                                                                   |                   |                                           |                   |                     |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 608 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A157R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                     |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 3103403           | 3104324             | 3558163                | 4952756                           |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 16.5 kg           | Flange              |                        |                                   |                      |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                      |                     |
|                                                                                   | A67RK109          | A67RK109A                                 | A67RK109B         | A67RK109C           | A67RK109D              | A67RK109V                         |                      |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220746            | 220728 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                 | 220732            |                                           |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      |                   |                                           |                   |                     |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Sump Cover</b> | <b>Crank Gear</b>                         | <b>Front Bush</b> | <b>Rear Bearing</b> | <b>Pump Adapter</b>    | <b>Flange Gasket</b>              | <b>Flange Gasket</b> |                     |
|                                                                                   | 220058            | 220718                                    | 050207            | 6803-C3             | 220719                 | 010097                            | 010438               |                     |

|                                                                                     |                   |                                           |                   |                  |                            |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 153 938 0</b> |                   |                  |                            | <b>MAJORSELL REBUILD: 67A164R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | CUMMINS           |                  |                            |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 |                   |                  |                            |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>                | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 18.5 kg           | Flange           | Engine Oil                 | ¾ UNF                             | Flange           | M27                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>             | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A67RK058          | A67RK058A                                 | A67RK058B         | A67RK058C        | A67RK058D1                 | A67RK058V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>             |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                     |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055                   |                                   |                  |                     |
| <b>Head</b>                                                                         | 220345            | 220344 (Comp)                             |                   |                  | <b>Rear end Cover</b>      | 220666                            | <b>Conn Rod</b>  | 220100              |
| <b>Crankshaft</b>                                                                   |                   |                                           |                   |                  | <b>Front end Cover</b>     |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140128 (4)        | 140151 (5)                                | 140138 (4)        | 140199 (5)       |                            |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>O Ring</b>    | <b>Front Flange Gasket</b> |                                   |                  |                     |
|                                                                                     | 050253            | 6308                                      | 220058            | RM1150-30V       | 3685614                    |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 154 500 0</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 67A014R</b> |                  |                        |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS                |                  |                        |                                   |                  |                        |
|                                                                                   |                   | <b>OE</b>                                 |                        |                  |                        |                                   |                  |                        |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b>    |
| 75 mm                                                                             | Through           | Water                                     | 17 kg                  | Flange           | Engine Oil             | ¾ - 16 UNF                        | Manifold         | M27                    |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              |                  |                        |
|                                                                                   | A67RK070          | A67RK070A                                 | A67RK070B              | A67RK070C        | A67RK062D              | A67RK070CP                        |                  |                        |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>         | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                        |
|                                                                                   | 020067            | 020176                                    | 020076                 | 020196           |                        |                                   |                  |                        |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014               | A67RK102         |                        |                                   |                  |                        |
| <b>Head</b>                                                                       | 220355            | 220354 (Comp)                             |                        |                  | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>  | 220459                 |
| <b>Crankshaft</b>                                                                 |                   |                                           |                        |                  | <b>Front end Cover</b> |                                   |                  |                        |
| <b>Bolts</b>                                                                      | 140128 (3)        | 140151 (2)                                | 140138 (4)             | 140199 (2)       |                        |                                   |                  |                        |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Rear End Gasket</b> | <b>O Ring</b>    | <b>Ball Bearing</b>    | <b>Safety Valve Spring</b>        |                  | <b>F Flange Gasket</b> |
|                                                                                   | 050207            | 6308                                      | 010361                 | RM0840-30V       | 140207                 | 040163                            |                  | 3929751                |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 154 510 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A059R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 5286964           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                                     | 14 kg             | Flange           | Engine Oil             | ¾ - 16 UNF                        | M27                  | M27                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK070          | A67RK070A                                 | A67RK070B         | A67RK070C        | A67RK062D              | A67RK070V                         | A67RK070CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196           | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220349            | 220348 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>      | 220459              |
| <b>Crankshaft</b>                                                                 |                   |                                           |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (4)        | 140151 (2)                                | 140128 (4)        | 140197 (2)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>Gasket</b>    | <b>O Ring</b>          | <b>Front Flange Gasket</b>        |                      | <b>Seal</b>         |
|                                                                                   | 050204            | 6308                                      | 220058            | 010361           | RM0840-30V             | 4896897                           |                      | RM0745-30           |

|                                                                                     |                   |                                           |                        |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 154 513 0</b> |                        |                  |                        | <b>MAJORSELL REBUILD: 67A177R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | CUMMINS                |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4346293                |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>          | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                               | Through           | Water                                     | 17 kg                  | Flange           | Engine Oil             | ¾ - 16 UNF                        | Manifold             | M27                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>      | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK070          | A67RK070A                                 | A67RK070B              | A67RK070C        | A67RK062D              | A67RK070V                         | A67RK070CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>         | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020067            | 020176                                    | 020076                 | 020196           | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A67RK013          | A67RK101                                  | A67RK014               | A67RK102         | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220355            | 220354 (Comp)                             |                        |                  | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>      | 220667              |
| <b>Crankshaft</b>                                                                   |                   |                                           |                        |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140128 (3)        | 140151 (2)                                | 140138 (4)             | 140199 (2)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Rear End Gasket</b> | <b>O Ring</b>    | <b>Base Plate</b>      | <b>Front Flange Gasket</b>        |                      |                     |
|                                                                                     | 050253            | 6308                                      | 010361                 | RM0840-30V       | 220058                 | 3929751                           |                      |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 154 515 0</b> |                        |                     |                        | <b>MAJORSELL REBUILD: 67A179R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS                |                     |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 |                        |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>          | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                                     | 17 kg                  | Flange              | Engine Oil             | ¾ - 16 UNF                        | Manifold             | M27                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>      | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK070          | A67RK070A                                 | A67RK070B              | A67RK070C           | A67RK062D              | A67RK070V                         | A67RK070CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>         | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020067            | 020176                                    | 020076                 | 020196              | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014               | A67RK102            | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220355            | 220354 (Comp)                             |                        |                     | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>      | 220667              |
| <b>Crankshaft</b>                                                                 |                   |                                           |                        |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (3)        | 140151 (2)                                | 140138 (4)             | 140199 (2)          |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Rear End Gasket</b> | <b>Ball Bearing</b> | <b>Base Plate</b>      | <b>Safety Valve Spring</b>        | <b>Front Gasket</b>  | <b>O Ring</b>       |
|                                                                                   | 050253            | 6308                                      | 010361                 | 140207              | 220058                 | 040163                            | 3929751              | RM0840-30V          |

|                                                                                   |                 |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: 911 501 016 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A004R</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                   |                 | <b>OE</b>                                 | 667441            |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through         | Air                                       |                   | Flange           |                        |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK005        | A67RK005A                                 | A67RK005B         | A67RK005C        | A67RK062D              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023          | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028        | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       |                 |                                           |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                           |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                           |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                           |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                     |                                           |                   |                  |                        |                           |                  |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: 911 501 059 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                     | <b>Users</b>                              | DENNIS            |                  |                        |                           |                  |                     |
|                                                                                     |                     | <b>OE</b>                                 |                   |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>        | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through             |                                           | 17.5 kg           | Flange           |                        |                           |                  |                     |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>     | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A67RK005            | A67RK005A                                 | A67RK005B         | A67RK005C        |                        |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>          | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020023              | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A69RK028            | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                         |                     |                                           |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  | 220066              |
| <b>Crankshaft</b>                                                                   |                     |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        | 140196 (1)          |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bearing</b> | <b>Front Bush</b>                         | <b>Inserts</b>    |                  |                        |                           |                  |                     |
|                                                                                     | 6307                | 050186                                    | 050102 (2)        |                  |                        |                           |                  |                     |

## WABCO SERIES

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|  |                              | <b>MAJORSELL PARTS FOR: 911 503 051 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A037R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                              | DAF               |                      |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                                 | 0280408           |                      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through                  | Water                                     | 14 kg             | Flange               | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK017                     | A67RK017A                                 | A67RK017B         | A67RK017C            |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067                       | 020176                                    | 020076            | 020196               | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013                     | A67RK101                                  | A67RK014          | A67RK102             | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                              |                                           |                   |                      | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                              | 140019 (Nut)                              |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140195 (6)                   | 140132 (2)                                | 140137 (6)        | 140199 (2)           | 140127 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> |                                           | <b>Inserts</b>    | <b>Thrust Washer</b> |                        |                                   |                  |                     |
|                                                                                   | 050192                       |                                           | 050159            | 050191 (2)           |                        |                                   |                  |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 504 051 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A048R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1373081           | 0762788          |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       |                                           |                   | Flange           |                        |                                   |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK025          | A67RK025A                                 | A67RK025B         | A67RK025C        | A67RK025V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                           |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220307              |
| <b>Crankshaft</b>                                                                 |                   | 140129 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140171 (6)        | 140137 (6)                                | 140124 (4)        | 140138 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> |                                           |                   |                  |                        |                                   |                  |                     |
|                                                                                   | 050199            |                                           |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                              |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: 911 504 052 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A018R</b> |                  |                     |
|                                                                                     |                              | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                     |                              | <b>OE</b>                                 | 0762788           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>                 | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through                  | Water                                     | 18 kg             | Flange           | Engine Oil             | M22                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>              | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK025                     | A67RK025A                                 | A67RK025B         | A67RK025C        | A67RK025V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>                   | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020067                       | 020176                                    | 020076            | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A67RK013                     | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220812                       | 220811 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220309                            | <b>Conn Rod</b>  | 220307              |
| <b>Crankshaft</b>                                                                   | 220308                       | 140129 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140171 (6)                   | 140184 (2)                                | 140137 (6)        | 140138 (4)       | 140125 (8)             | 140315 (2)                        |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front &amp; Rear Bush</b> |                                           | <b>Inserts</b>    | <b>O Ring</b>    | <b>Crankcase</b>       |                                   |                  |                     |
|                                                                                     | 050199                       |                                           | 050159 (2)        | RM1250-30V       | 220555                 |                                   |                  |                     |



## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 504 056 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A019R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1243571           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                                     | 18 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK056          | A67RK056A                                 | A67RK056B         | A67RK017C        | A67RK056V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220496            | 220310 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220309                            | <b>Conn Rod</b>  | 220311              |
| <b>Crankshaft</b>                                                                 | 220308            | 140129 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140315 (2)        |                                           |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Crankcase</b>                          |                   |                  |                        |                                   |                  |                     |
|                                                                                   | 050199            | 220555                                    |                   |                  |                        |                                   |                  |                     |

|                                                                                   |                              |                                           |                   |                  |                        |                                   |                  |                     |
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|  |                              | <b>MAJORSELL PARTS FOR: 911 504 060 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A009R</b> |                  |                     |
|                                                                                   |                              | <b>Users</b>                              | DAF               |                  |                        |                                   |                  |                     |
|                                                                                   |                              | <b>OE</b>                                 | 1298052           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>                 | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through                  | Water                                     | 15 kg             | Flange           | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>              | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK056                     | A67RK056A                                 | A67RK056B         | A67RK056C        | A67RK056V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>                   | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067                       | 020176                                    | 020076            | 020196           | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013                     | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220496                       | 220310 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220549                            | <b>Conn Rod</b>  | 220311 (2)          |
| <b>Crankshaft</b>                                                                 | 220312                       | 140129 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140171 (6)                   | 140130 (2)                                | 140137 (6)        | 140124 (2)       | 140138 (4)             | 140215 (2)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front &amp; Rear Bush</b> | <b>O Ring</b>                             | <b>Base Plate</b> | <b>Crankcase</b> |                        |                                   |                  |                     |
|                                                                                   | 050199                       | BS250S                                    | 220058 (2)        | 220442           |                        |                                   |                  |                     |

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|  |                      | <b>MAJORSELL PARTS FOR: 911 504 501 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A029R</b> |                      |                     |
|                                                                                     |                      | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                     |                      | <b>OE</b>                                 | 1310523           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through          | Water                                     | 18 kg             | Flange           | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK054             | A67RK054A                                 | A67RK054B         | A67RK054C        | A67RK054D              | A67RK054V                         | A67RK054CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020067               | 020176                                    | 020076            | 020196           | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A67RK013             | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220494               | 220316 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                   | 220314               | 140129 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140149 (6)           | 140151 (2)                                | 140138 (6)        | 140199 (2)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                     | 6307                 | 050195                                    | 220058 (2)        | BS250S           | 020987                 |                                   |                      |                     |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 911 504 503 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A045R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 1451651           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through          | Water                                     | 18 kg             | Flange           | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK054             | A67RK054A                                 | A67RK054B         | A67RK054C        | A67RK082D              | A67RK054V                         | A67RK054CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020067               | 020176                                    | 020076            | 020196           | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK013             | A67RK101                                  | A67RK014          | A67RK102         | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220494               | 220316 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                 | 220314               | 140129 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140149 (6)           | 140151 (2)                                | 140138 (6)        | 140199 (2)       |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                   | 6307                 | 050195                                    | 220058 (2)        | BS250S           | 020987                 |                                   |                      |                     |

|                                                                                   |                      |                                           |                   |                   |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 911 504 504 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A038R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | DAF               |                   |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 1604420           | 1451651           |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through          | Water                                     | 18 kg             | Flange            | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK082             | A67RK082A                                 | A67RK082B         | A67RK082C         | A67RK082D              | A67RK082V                         | A67RK082CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020067               | 020176                                    | 020076            | 020196            | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK013             | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220498               | 220497 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                 | 220314               | 140129 (Pin)                              |                   |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140149 (6)           | 140151 (2)                                | 140138 (6)        | 140199 (2)        |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>O Ring</b>     | <b>Base Plate</b> | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                   | 6307                 | 050195                                    | BS250S            | 220058 (2)        | 020987                 |                                   |                      |                     |

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|  |                      | <b>MAJORSELL PARTS FOR: 911 504 506 0</b> |                      |                     |                        | <b>MAJORSELL REBUILD: 67A057R</b> |                      |                     |
|                                                                                     |                      | <b>Users</b>                              | DAF                  |                     |                        |                                   |                      |                     |
|                                                                                     |                      | <b>OE</b>                                 | 1736785              | 1628444             | 1451651                | 1604420                           |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>        | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 75 mm                                                                               | Non-Through          | Water                                     | 18.5 kg              | Flange              | Engine Oil             | M14                               | M26                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b>    | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK082             | A67RK082A                                 | A67RK082B            | A67RK082C           | A67RK082D              | A67RK082V                         | A67RK082CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>       | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020067               | 020176                                    | 020076               | 020196              | 020095                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A67RK013             | A67RK101                                  | A67RK014             | A67RK102            | A67RK023               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220338               | 220249 (Comp)                             |                      |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220315 (2)          |
| <b>Crankshaft</b>                                                                   | 220314               | 140129 (Pin)                              |                      |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140149 (6)           | 140151 (2)                                | 140138 (6)           | 140199 (2)          |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Blanking Plug</b> | <b>Liner Sleeve</b> | <b>Valve Spring</b>    | <b>Valve Ball</b>                 | <b>Base Plate</b>    |                     |
|                                                                                     | 6307                 | 050195                                    | 140178               | 020987 (2)          | 040163                 | 140207                            | 220058 (2)           |                     |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 911 505 150 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A001R</b> |                  |                     |
|                                                                                  |                      | <b>Users</b>                              | DAF               | VOLVO            | RVI                    |                                   |                  |                     |
|                                                                                  |                      | <b>OE</b>                                 | 1506365           | 1626060          | 5003460                |                                   |                  |                     |
| <b>Bore</b>                                                                      | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                            | Non-Through          | Water                                     | 17 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                               | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                  | A67RK019             | A67RK019A                                 | A67RK019B         | A67RK019C        | A67RK019V              |                                   |                  |                     |
| <b>Piston</b>                                                                    | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                  | 020023               | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                     | A69RK028             | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                      | 220273               | 220126 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220222                            | <b>Conn Rod</b>  | 220224 (2)          |
| <b>Crankshaft</b>                                                                | 220131               | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                     | 140136 (6)           | 140132 (2)                                | 140139 (2)        | 140199 (2)       | 140137 (6)             | 140124 (4)                        | 140138 (4)       |                     |
| <b>Other Parts</b>                                                               | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                  | 6307                 | 050278                                    | 220058 (2)        | RM1150-30V       |                        |                                   |                  |                     |

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|  |                      | <b>MAJORSELL PARTS FOR: 911 505 151 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A002R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                              | VOLVO             |                  |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                                 | 3037344           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                     | 17 kg             | Flange           | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK019             | A67RK019A                                 | A67RK019B         | A67RK019C        | A67RK019V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220273               | 220126 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220222                            | <b>Conn Rod</b>  | 220224 (2)          |
| <b>Crankshaft</b>                                                                 | 220131               | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140136 (6)           | 140132 (2)                                | 140139 (2)        | 140138 (2)       | 140137 (6)             | 140124 (4)                        | 140138 (4)       |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    |                        |                                   |                  |                     |
|                                                                                   | 6307                 | 050278                                    | 220058 (2)        | RM1150-30V       |                        |                                   |                  |                     |

|                                                                                     |                      |                                           |                   |                     |                        |                                   |                  |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 911 505 154 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A035R</b> |                  |                     |
|                                                                                     |                      | <b>Users</b>                              | DAF               | DENNIS              | CUMMINS                | VOLVO                             |                  |                     |
|                                                                                     |                      | <b>OE</b>                                 | 67A035R           |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Through              | Water                                     | 19 kg             | Flange              | Engine Oil             | M16                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                     | A67RK019             | A67RK019A                                 | A67RK019B         | A67RK019C           | A67RK019V              |                                   |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023               | 020179                                    | 020024            | 020189              | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028             | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220273               | 220126 (Comp)                             |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220224 (2)          |
| <b>Crankshaft</b>                                                                   |                      |                                           |                   |                     | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140136 (6)           | 140132 (2)                                | 140139 (2)        | 140138 (2)          | 140137 (6)             | 140135 (5)                        | 140199 (2)       |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Base Plate</b>                         | <b>O Ring</b>     | <b>Liner Sleeve</b> |                        |                                   |                  |                     |
|                                                                                     | 6307                 | 220058 (2)                                | RM1150-30V        | 020986 (2)          |                        |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 506 054 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A058R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | IVECO             | DAF               |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 98427043          |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Non-Through       | Water                                     | 15.5 kg           | Flange            |                        | M16                               |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK049          | A67RK049A                                 | A67RK049B         | A67RK017C         |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                           |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                           |                   |                   |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Thrust Washer</b>                      |                   | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                   | 050192            | 050191                                    |                   | 220058 (2)        |                        |                                   |                  |                     |

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 506 505 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A140R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               | IVECO             |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1518142           | 500329472         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 75 mm                                                                             | Through           | Water                                     | 15.5 Kg           | Flange            | Engine Oil             | Manifold                          | Manifold         | Manifold            |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Mounting Kit</b>    | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK050          | A67RK050A                                 | A67RK050B         | A67RK050C         | A67RK050F              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196            | 020095                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102          | A67RK023               |                                   |                  |                     |
| <b>Head</b>                                                                       |                   |                                           |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                   | 140015 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140131 (6)        | 140139 (3)                                | 140138 (6)        | 140199 (3)        | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Front Flange Gasket</b>                |                   | <b>Base Plate</b> |                        |                                   |                  |                     |
|                                                                                   | 050158            | 010364                                    |                   | 220058 (2)        |                        |                                   |                  |                     |

|                                                                                     |                   |                                           |                   |                    |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 514 001 0</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 67A172R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | MAN               |                    |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 51541017254       |                    |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85mm                                                                                | Through           | Water                                     | 20kg              | Flange             | Engine                 | 14mm                              | 26mm                 | 26mm                |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK071          | A67RK071A                                 | A67RK071B         | A67RK071C          | A67RK071V              | A67RK071V1                        | A67RK071CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            |                                           | 020024            |                    | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          |                                           | A69RK054          |                    | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220165            | 220288 (Comp)                             | 220356 (Comp)     |                    | <b>Rear end Cover</b>  | 220681                            | <b>Conn Rod</b>      | 220696 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                    | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140104 (8)        | 140144 (2)                                | 140138 (8)        | 140148 (2)         | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Cover Seal</b>                         | <b>Cover Seal</b> | <b>Sump Gasket</b> | <b>Plug</b>            |                                   |                      |                     |
|                                                                                     | 050199            | RM0880-30V                                | RM0880-30V        | 010380             | 080038                 |                                   |                      |                     |

## WABCO SERIES

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|  |                     | <b>MAJORSELL PARTS FOR: 911 515 016 0</b> |                   |                       |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                     | <b>Users</b>                              | CUMMINS           |                       |                        |                           |                  |                     |
|                                                                                   |                     | <b>OE</b>                                 | 3103405           | 3099666               | 4972994                |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>          | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through             | Water                                     |                   | Flange                | Engine Oil             |                           |                  |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>      | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK095            | A67RK095A                                 | A67RK095B         | A67RK095C             | A67RK095V              |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>        | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023              | 020179                                    | 020024            | 020189                | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028            | A69RK069                                  | A69RK054          | A69RK070              | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       | 220743              | 220744 (Comp)                             |                   |                       | <b>Rear end Cover</b>  | 220085                    | <b>Conn Rod</b>  | 220100 (2)          |
| <b>Crankshaft</b>                                                                 |                     |                                           |                   |                       | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                     |                                           |                   |                       |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Rear Bearing</b> | <b>Rear Dog Drive</b>                     |                   | <b>Sump Cov Seals</b> |                        |                           |                  |                     |
|                                                                                   | 6308C3              | 220668                                    |                   | RM0550-25             |                        |                           |                  |                     |

|                                                                                   |                   |                                           |                   |                            |                        |                                   |                   |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 516 010 0</b> |                   |                            |                        | <b>MAJORSELL REBUILD: 67A165R</b> |                   |                     |
|                                                                                   |                   | <b>Users</b>                              | CUMMINS           |                            |                        |                                   |                   |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4945947           | 5286681                    |                        |                                   |                   |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>               | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 75mm                                                                              | Non-through       | Water                                     | 15 kg             | Flange                     | Engine                 | 3/4 UNF                           | Flange            | 27 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>           | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                   | A67RK091          | A67RK091A                                 | A67RK091B         | A67RK091C                  | A67RK091V              | A67RK091CP                        |                   |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>             | <b>1.00 mm</b>         |                                   |                   |                     |
|                                                                                   | 020067            | 020176                                    | 020076            | 020196                     | 020095                 |                                   |                   |                     |
| <b>Rings</b>                                                                      | A67RK013          | A67RK101                                  | A67RK014          | A67RK102                   | A67RK023               |                                   |                   |                     |
| <b>Head</b>                                                                       | 220380            | 220369 (Comp)                             |                   |                            | <b>Rear end Cover</b>  | 220666                            | <b>Conn Rod</b>   | 220459              |
| <b>Crankshaft</b>                                                                 | 220458            |                                           |                   |                            | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                      | 140128 (4)        | 140151 (3)                                |                   |                            |                        |                                   |                   |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Sline Drive</b>                   | <b>Sump Cover</b> | <b>Front Flange Gasket</b> |                        | <b>Sump O Ring</b>                | <b>Valve Reed</b> | <b>Reed Gasket</b>  |
|                                                                                   | 050253            | 220668                                    | 220461            | 3685614                    |                        | BS139                             | 060270 (2)        | 010399 (2)          |

|                                                                                     |                   |                                           |                     |                         |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 553 003 0</b> |                     |                         |                        | <b>MAJORSELL REBUILD: 67A132R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES            |                         |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571302015          |                         |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>            | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-through       | Water                                     | 20 kg               | Flange                  | Engine Oil             | M16                               | M30              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>        | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A67RK069          | A67RK069A                                 | A67RK069B           | A67RK069C               | A67RK073D              | A67RK069V1                        |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>          | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024              | 020189                  | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054            | A69RK070                | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         | 220160            | 220205 (Comp)                             |                     |                         | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150 (2)          |
| <b>Crankshaft</b>                                                                   | 220141(L/H)       | 140203 (Nut)                              |                     |                         | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140126 (2)                                | 140138 (6)          | 140124 (4)              |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>Front End Gasket</b> |                        |                                   |                  |                     |
|                                                                                     | 050213            | 220058 (2)                                | 020985 (2)          | 010421                  |                        |                                   |                  |                     |

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 911 553 007 0</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 67A133R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                  |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 9125530030          | 4571306615       |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 19 kg               | Flange           | Engine Oil             | M16                               | M30              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                   | A67RK069          | A67RK069A                                 | A67RK069B           | A67RK069C        | A67RK073D              | A67RK069V1                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220160            | 220205 (Comp)                             |                     |                  | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150 (2)          |
| <b>Crankshaft</b>                                                                 | 220141(L/H)       | 140203 (Nut)                              |                     |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140126 (2)                                | 140138 (6)          | 140129 (4)       |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>Gasket</b>    | <b>Drive Gear</b>      |                                   |                  |                     |
|                                                                                   | 050213            | 220058 (2)                                | 020985 (2)          | 010421           | 220180                 |                                   |                  |                     |

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 911 553 100 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A079R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571301215          |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 20 kg               | Flange            | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK073          | A67RK073A                                 | A67RK073B           | A67RK073C         | A67RK073D              | A67RK073V                         | A67RK073CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220247            | 220164 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                 | 220141(L/H)       | 140203 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140126 (2)                                | 140138 (6)          | 140129 (4)        |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>Drive Gear</b> | <b>Gasket</b>          | <b>O Ring</b>                     | <b>O Ring</b>        |                     |
|                                                                                   | 050213            | 220058 (2)                                | 020985 (2)          | 220180            | 010421                 | RM0170-30V                        | RM0840-30V (2)       |                     |

\* Replaced by 911 553 103 0

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 911 553 101 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A130R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571301915        |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               |                   | Water                                     | 20 kg             | Flange           |                        | M16                               | M30              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                |                  |                     |
|                                                                                     | A67RK073          | A67RK073A                                 | A67RK073B         | A67RK073C        | A67RK073D              | A67RK073V                         |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                         |                   | 220164 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   | 220141            |                                           |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                        |                   |                                           |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Liner Sleeve</b>                       |                   |                  |                        |                                   |                  |                     |
|                                                                                     | 050213            | 020985                                    |                   |                  |                        |                                   |                  |                     |

\* Replaced by 911 553 104 0



## WABCO SERIES

|                                                                                   |                   |                                           |                   |                   |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 911 553 103 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A077R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                   |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571302215        |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 22 kg             | Flange            | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK073          | A67RK073A                                 | A67RK073B         | A67RK073C         | A67RK073D              | A67RK073V                         | A67RK073CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189            | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220247            | 220164 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                 | 220141(L/H)       | 140203 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140126 (2)                                | 140138 (6)        | 140199 (2)        | 140124 (4)             | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>Gasket</b>                             | <b>Drive Gear</b> | <b>Front Bush</b> | <b>O Ring</b>          | <b>O Ring</b>                     |                      |                     |
|                                                                                   | 220058 (2)        | 010421                                    | 220180            | 050213            | RM0170-30V             | RM0840-30V (2)                    |                      |                     |

\* Replaced by 912 510 103 0

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|---------------------|-------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 911 553 105 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A131R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571302715          |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 22 kg               | Flange            | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK073          | A67RK073A                                 | A67RK073B           | A67RK073C         | A67RK073D              | A67RK073V                         | A67RK073CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220247            | 220164 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      | 220150              |
| <b>Crankshaft</b>                                                                 | 220141(L/H)       | 140203 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140126 (2)                                | 140199 (2)          | 140124 (4)        |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Base Plate</b>                         | <b>Sealing Ring</b> | <b>Drive Gear</b> | <b>O Ring</b>          | <b>Liner Sleeve</b>               |                      |                     |
|                                                                                   | 050280            | 220058 (2)                                | 160116              | 220180            | RM0840-30V (2)         | 020985 (2)                        |                      |                     |

|                                                                                     |                   |                                           |                   |                     |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 911 553 200 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A080R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                     |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 4571302915        |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 22 kg             | Flange              | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK073          | A67RK073A                                 | A67RK073B         | A67RK073C           | A67RK073D              | A67RK073V1                        | A67RK073CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220247            | 220364 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                   | 220141(L/H)       | 140203 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)        | 140126 (2)                                | 140199 (2)        | 140124 (4)          | 140138(4)              |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Drive Gear</b>                         | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>Seal</b>            | <b>O Ring</b>                     |                      |                     |
|                                                                                     | 050213            | 220180                                    | 220058 (2)        | 020985 (2)          | 160116                 | RM0840-30V (2)                    |                      |                     |

## WABCO SERIES

|                                                                                   |                   |                                           |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 911 553 203 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571304715        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             |                   | Water                                     | 21 kg             |                  |                        | M16                       | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK073          | A67RK073A                                 | A67RK073B         | A67RK073C        | A67RK073V1             |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       | 220247            | 220364 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220093                    | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220141            |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Liner Sleeve</b>                       |                   |                  |                        |                           |                  |                     |
|                                                                                   | 050213            | 020985                                    |                   |                  |                        |                           |                  |                     |

\* Replaced by 912 510 200 0

## WABCO SERIES

|                                                                                   |                      |                                           |                   |                   |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 912 112 000 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A230R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | VOLVO             |                   |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 20451727          |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                     | 15 kg             | Flange            | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK092             | A67RK092A                                 | A67RK092B         | A67RK067C         | A67RK062D              | A67RK092V                         | A67RK092CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189            | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220276               | 220275 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100              |
| <b>Crankshaft</b>                                                                 | 220446               | 140016 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (4)           | 140144 (4)                                | 140138 (8)        |                   |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Housing</b> | <b>Rear Bearing</b>                       | <b>Circlip</b>    | <b>Base Plate</b> | <b>Liner Sleeve</b>    | <b>O Ring</b>                     |                      |                     |
|                                                                                   | 220248               | 050249                                    | 130013            | 220058            | 020984                 | RM1650-30V                        |                      |                     |

|                                                                                   |                      |                                           |                   |                     |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|----------------------|-------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 912 112 001 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A239R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | SCANIA            |                     |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 20451727          |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non Through          | Water                                     | 15 kg             | Flange              | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK092             | A67RK092A                                 | A67RK092B         | A67RK067C           | A67RK062D              | A67RK092V                         | A67RK092CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220276               | 220275 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100              |
| <b>Crankshaft</b>                                                                 | 220446               | 140016 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (4)           | 140144 (4)                                | 140138 (8)        |                     |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Housing</b> | <b>Rear Bearing</b>                       | <b>Circlip</b>    | <b>Liner Sleeve</b> | <b>Base Plate</b>      | <b>O Ring</b>                     |                      |                     |
|                                                                                   | 220248               | 050249                                    | 130013            | 020984              | 220058                 | RM1650-30V                        |                      |                     |

|                                                                                     |                  |                                           |                     |                  |                        |                                   |                   |                     |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------|---------------------|------------------|------------------------|-----------------------------------|-------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: 912 116 000 0</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 67A127R</b> |                   |                     |
|                                                                                     |                  | <b>Users</b>                              | MAN                 |                  |                        |                                   |                   |                     |
|                                                                                     |                  | <b>OE</b>                                 | 51541007071         |                  |                        |                                   |                   |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>     | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>  | <b>Air Delivery</b> |
| 85 mm                                                                               | Through          | Water                                     | 14.5 kg             | Flange           | Engine Oil             | M14                               | M26               | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>  | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                   |                     |
|                                                                                     | A67RK063         | A67RK063A                                 | A67RK063B           | A67RK063C        | A67RK063V              |                                   |                   |                     |
| <b>Piston</b>                                                                       | <b>Std</b>       | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                   |                     |
|                                                                                     | 020023           | 020179                                    | 020024              | 020189           | 020025                 |                                   |                   |                     |
| <b>Rings</b>                                                                        | A69RK028         | A69RK069                                  | A69RK054            | A69RK070         | A69RK055               |                                   |                   |                     |
| <b>Head</b>                                                                         | 220287           | 220286 (Comp)                             |                     |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>   | 220593              |
| <b>Crankshaft</b>                                                                   | 220490           | 140348 (Nut)                              |                     |                  | <b>Front end Cover</b> |                                   |                   |                     |
| <b>Bolts</b>                                                                        | 140385 (6)       | 140143 (4)                                | 140199 (6)          | 140316 (6)       | 140215 (2)             |                                   |                   |                     |
| <b>Other Parts</b>                                                                  | <b>Rear Bush</b> | <b>Base Plate</b>                         | <b>Liner Sleeve</b> | <b>O Ring</b>    | <b>O Ring</b>          | <b>Bush</b>                       | <b>Drive Gear</b> | <b>O Ring</b>       |
|                                                                                     | 050197           | 220058                                    | 020984              | RM0100-30S       | RM0845-30V             | 220491                            | 220492            | RM0840-30V          |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 912 117 000 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A128R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                              | MAN               |                     |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                                 | 51541007070       |                     |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through              | Water                                     | 12 kg             | Flange              | Engine Oil             | M14                               | M26              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK063             | A67RK063A                                 | A67RK063B         | A67RK063C           | A67RK063V              |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189              | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220287               | 220286 (Comp)                             |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220150              |
| <b>Crankshaft</b>                                                                 | 220782               | 140348 (Nut)                              |                   |                     | <b>Front end Cover</b> | 220622                            |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (4)           | 140385 (6)                                | 140199 (6)        | 140316 (6)          | 140215 (2)             |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>F Flange Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          | <b>O Ring</b>                     | <b>O Ring</b>    | <b>Drive Gear</b>   |
|                                                                                   | 220491               | 050197                                    | 220058            | 020984              | RM0840-30V             | RM0100-30S                        | RM0845-30V       | 220492              |

|                                                                                   |                      |                                           |                   |                   |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 912 210 000 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 67A324R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              |                   |                   |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 |                   |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 100 mm                                                                            |                      | Water                                     |                   | Flange            | Engine                 | M16                               | Tubular              |                     |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              | <b>Plastic Inlet</b> |                     |
|                                                                                   | A67RK119             | A67RK119A                                 |                   |                   | A67RK119V              | A67RK119CP                        | 190041               |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020255               | 020256                                    | 020257            |                   |                        |                                   |                      |                     |
| <b>Rings</b>                                                                      | A67RK120             | A67RK121                                  | A67RK122          |                   |                        |                                   |                      |                     |
| <b>Head</b>                                                                       | 220876               | 220875 (Comp)                             |                   |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220877              |
| <b>Crankshaft</b>                                                                 | 220878               | 140203 (Nut)                              |                   |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140381 (8)           | 140151                                    |                   |                   |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Crank Adapter</b> | <b>Adapter Clip</b>                       | <b>Drive Gear</b> | <b>Front Bush</b> | <b>Rear Bush</b>       | <b>Sump Plate</b>                 | <b>Oil Seal</b>      | <b>Flange Ring</b>  |
|                                                                                   | 220881               | 130013                                    | 220872            | 220248            | 050311                 | 220058                            | RM0085-40V           | RM1250-30V          |

|                                                                                     |                   |                                           |                   |                     |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 510 001 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A349R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | MERCEDES          |                     |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 9061301615        |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 19 kg             | Flange              | Engine Oil             | M14                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK093          | A67RK093A                                 | A67RK093B         | A67RK090C           | A67RK085D              | A67RK093V                         | A67RK093CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220530            | 220529 (Comp)                             |                   |                     | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                   | 220775            | 140203 (Nut)                              |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (4)        | 140131 (2)                                | 140139 (2)        | 140138 (6)          | 140199 (2)             | 140135 (4)                        | 140138 (4)           |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Drive Gear</b>                         | <b>Base Plate</b> | <b>Liner Sleeve</b> | <b>O Ring</b>          | <b>O Ring</b>                     |                      |                     |
|                                                                                     | 050212            | 220178                                    | 220058 (2)        | 020985 (2)          | RM1180-30V             | RM0840-30V                        |                      |                     |

## WABCO SERIES

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|  |                 | <b>MAJORSELL PARTS FOR: 912 510 002 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                 | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                                 | 4571305815        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             |                 | Water                                     | 21 kg             | Flange           |                        | M16                       | M30              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK073        | A67RK073A                                 | A67RK073B         | A67RK073C        | A67RK073V1             |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023          | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028        | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       | 220247          | 220364 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                 |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                 |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                |                 |                                           |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                           |                   |                      |                        |                                   |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 510 003 0</b> |                   |                      |                        | <b>MAJORSELL REBUILD: 67A257R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              |                   |                      |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 |                   |                      |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 18.5 kg           | Flange               | Engine                 | 14 mm                             | Flange           | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   |                   |                                           |                   |                      |                        |                                   |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189               | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070             | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220774            | 220773 (Comp)                             |                   |                      | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220100              |
| <b>Crankshaft</b>                                                                 | 220775            | 140203 (Nut)                              |                   |                      | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140102 (4)        | 140131 (2)                                | 140139 (2)        | 140138 (6)           | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Sump Cover</b>                         | <b>Drive Gear</b> | <b>F Flange Seal</b> |                        |                                   |                  |                     |
|                                                                                   | 050212            | 220058 (2)                                | 220178            | RM1180-30V           |                        |                                   |                  |                     |

|                                                                                     |                 |                                           |                   |                   |                        |                           |                      |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: 912 510 103 0</b> |                   |                   |                        | <b>MAJORSELL REBUILD:</b> |                      |                     |
|                                                                                     |                 | <b>Users</b>                              | MERCEDES          |                   |                        |                           |                      |                     |
|                                                                                     |                 | <b>OE</b>                                 | 4571307015        |                   |                        |                           |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Through         | Water                                     | 21 kg             | Flange            | Engine Oil             | M16                       | M30                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>        | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK087        | A67RK087A                                 | A67RK087B         | A67RK087C         | A67RK085D              | A67RK087V                 | A67RK087CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                           |                      |                     |
|                                                                                     | 020023          | 020179                                    | 020024            | 020189            | 020025                 |                           |                      |                     |
| <b>Rings</b>                                                                        | A69RK028        | A69RK069                                  | A69RK054          | A69RK070          | A69RK055               |                           |                      |                     |
| <b>Head</b>                                                                         | 220282          | 220281 (Comp)                             |                   |                   | <b>Rear end Cover</b>  | 220093                    | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                   | 220141          | 140203 (Nut)                              |                   |                   | <b>Front end Cover</b> |                           |                      |                     |
| <b>Bolts</b>                                                                        | 140128 (6)      | 140151 (2)                                | 140124 (4)        | 140138 (4)        |                        |                           |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Gasket</b>   | <b>Liner Sleeve</b>                       | <b>Front Bush</b> | <b>Sump Cover</b> | <b>O-Ring</b>          |                           |                      |                     |
|                                                                                     | 010421          | 020984                                    | 050280            | 220058 (2)        | RM0880-30V             |                           |                      |                     |

## WABCO SERIES

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|  |                     | <b>MAJORSELL PARTS FOR: 912 510 104 0</b> |                   |                  |                          | <b>MAJORSELL REBUILD: 67A166R</b> |                      |                     |
|                                                                                   |                     | <b>Users</b>                              | MERCEDES          | AXOR             |                          |                                   |                      |                     |
|                                                                                   |                     | <b>OE</b>                                 | OM457             |                  |                          |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>              | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through             | Water                                     | 20 kg             | Flange           | Engine Oil               | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>           | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK087            | A67RK087A                                 | A67RK087B         | A67RK087C        | A67RK085D                | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>           |                                   |                      |                     |
|                                                                                   | 020023              | 020179                                    | 020024            | 020189           | 020025                   |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028            | A69RK069                                  | A69RK054          | A69RK070         | A69RK055                 |                                   |                      |                     |
| <b>Head</b>                                                                       | 220282              | 220281 (Comp)                             |                   |                  | <b>Rear end Cover</b>    | 220093                            | <b>Conn Rod</b>      | 220150              |
| <b>Crankshaft</b>                                                                 | 220141              | 140203 (Nut)                              |                   |                  | <b>Front end Cover</b>   |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (6)          | 140151 (2)                                | 140124 (4)        | 140138 (4)       | 140124 (4)               | 140138 (4)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b>   | <b>Drive Gear</b>                         | <b>Base Plate</b> | <b>Gasket</b>    | <b>Front Flange Seal</b> | <b>O Ring</b>                     | <b>Gasket</b>        | <b>Gasket</b>       |
|                                                                                   | 050280              | 220180                                    | 220058 (2)        | 010421           | 160116                   | RM0840-30V (2)                    | 010407               | 010408              |
|                                                                                   | <b>Liner Sleeve</b> |                                           |                   |                  |                          |                                   |                      |                     |
|                                                                                   | 020984              |                                           |                   |                  |                          |                                   |                      |                     |

|                                                                                   |                     |                                           |                   |                  |                        |                           |                  |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: 912 510 105 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                   |                     | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                   |                     | <b>OE</b>                                 | 4571305515        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>        | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             |                     | Water                                     | 21 kg             | Flange           |                        | M16                       | M30              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>     | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                   | A67RK073            | A67RK073A                                 | A67RK073B         | A67RK073C        | A67RK073V1             |                           |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>          | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                   | 020023              | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                      | A69RK028            | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                       | 220282              | 220281 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                 |                     |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                      |                     |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                | <b>Liner Sleeve</b> |                                           |                   |                  |                        |                           |                  |                     |
|                                                                                   | 020984              |                                           |                   |                  |                        |                           |                  |                     |

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|  |                 | <b>MAJORSELL PARTS FOR: 912 510 106 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD:</b> |                  |                     |
|                                                                                     |                 | <b>Users</b>                              | MERCEDES          |                  |                        |                           |                  |                     |
|                                                                                     |                 | <b>OE</b>                                 | 4761300215        |                  |                        |                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>    | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>         | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                               |                 | Water                                     | 21 kg             | Flange           |                        | M16                       | M30              | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b> | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Cooling Plate</b>      |                  |                     |
|                                                                                     | A67RK073        | A67RK073A                                 | A67RK073B         | A67RK073C        | A67RK073V1             |                           |                  |                     |
| <b>Piston</b>                                                                       | <b>Std</b>      | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                           |                  |                     |
|                                                                                     | 020023          | 020179                                    | 020024            | 020189           | 020025                 |                           |                  |                     |
| <b>Rings</b>                                                                        | A69RK028        | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                           |                  |                     |
| <b>Head</b>                                                                         |                 |                                           |                   |                  | <b>Rear end Cover</b>  |                           | <b>Conn Rod</b>  |                     |
| <b>Crankshaft</b>                                                                   |                 |                                           |                   |                  | <b>Front end Cover</b> |                           |                  |                     |
| <b>Bolts</b>                                                                        |                 |                                           |                   |                  |                        |                           |                  |                     |
| <b>Other Parts</b>                                                                  |                 |                                           |                   |                  |                        |                           |                  |                     |
|                                                                                     |                 |                                           |                   |                  |                        |                           |                  |                     |



## WABCO SERIES

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                        |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|---------------------|-------------------|------------------------|-----------------------------------|------------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 912 510 200 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A184R</b> |                        |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                        |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571306915          |                   |                        |                                   |                        |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>       | <b>Air Delivery</b> |
| 95 mm                                                                             | Through           | Water                                     | 20 kg               | Flange            | Engine Oil             | M16                               | M30                    | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                        |                     |
|                                                                                   | A67RK087          | A67RK087A                                 | A67RK087B           | A67RK087C         | A67RK087V1             | A67RK087CP                        |                        |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                        |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                        |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                        |                     |
| <b>Head</b>                                                                       | 220282            | 220201 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>        | 220150 (2)          |
| <b>Crankshaft</b>                                                                 | 220141            | 140203 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                        |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140151 (2)                                | 140124 (4)          | 140387 (2)        |                        |                                   |                        |                     |
| <b>Other Parts</b>                                                                | <b>Drive Gear</b> | <b>Front Bush</b>                         | <b>F End Gasket</b> | <b>R Cov Seal</b> | <b>Base Plate</b>      | <b>Liner Sleeve</b>               | <b>F Flange Gasket</b> |                     |
|                                                                                   | 220180            | 050280                                    | 010421              | RM0880-30V        | 220058 (2)             | 020984                            | 010421                 |                     |

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|---------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 912 510 201 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A183R</b> |                  |                     |
|                                                                                   |                   | <b>Users</b>                              | MERCEDES            |                   |                        |                                   |                  |                     |
|                                                                                   |                   | <b>OE</b>                                 | 4571307215          |                   |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 95 mm                                                                             | Through           | Water                                     | 20 kg               | Flange            | Engine                 | M16                               | M30              | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK087          | A67RK087A                                 | A67RK087B           | A67RK087C         | A67RK087V1             | A67RK087CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220282            | 220201 (Comp)                             |                     |                   | <b>Rear end Cover</b>  | 220093                            | <b>Conn Rod</b>  | 220150 (2)          |
| <b>Crankshaft</b>                                                                 | 220141            | 140203 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (6)        | 140151 (2)                                | 140199 (2)          | 140138 (6)        | 140124 (4)             | 140138 (4)                        |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>End Gasket</b>                         | <b>R Cover Seal</b> | <b>Sump Cover</b> | <b>Liner Sleeve</b>    | <b>Drive Gear</b>                 |                  |                     |
|                                                                                   | 050280            | 010421                                    | RM0880-30V          | 220058 (2)        | 020984                 | 220180                            |                  |                     |

|                                                                                     |                      |                                           |                   |                     |                        |                                   |                    |                      |
|-------------------------------------------------------------------------------------|----------------------|-------------------------------------------|-------------------|---------------------|------------------------|-----------------------------------|--------------------|----------------------|
|  |                      | <b>MAJORSELL PARTS FOR: 912 510 300 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A312R</b> |                    |                      |
|                                                                                     |                      | <b>Users</b>                              |                   |                     |                        |                                   |                    |                      |
|                                                                                     |                      | <b>OE</b>                                 |                   |                     |                        |                                   |                    |                      |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>   | <b>Air Delivery</b>  |
| 85 mm                                                                               | Through              |                                           |                   |                     |                        |                                   |                    |                      |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Valve Plate</b> | <b>Cooling Plate</b> |
|                                                                                     | A67RK094             | A67RK094A                                 | A67RK094B         | A67RK094C           | A67RK085D              | A67RK094V                         | A67RK094V1         | A67RK094CP           |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                    |                      |
|                                                                                     | 020023               | 020179                                    | 020024            | 020189              | 020025                 |                                   |                    |                      |
| <b>Rings</b>                                                                        | A69RK028             | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                    |                      |
| <b>Head</b>                                                                         | 220532               | 220531 (Comp)                             | 220534            | 220533 (Comp)       | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>    | 220150 (2)           |
| <b>Crankshaft</b>                                                                   |                      | 140203 (Nut)                              |                   |                     | <b>Front end Cover</b> | 220248                            |                    |                      |
| <b>Bolts</b>                                                                        | 140128 (9)           | 140151 (1)                                | 140210 (2)        | 140385 (8)          | 140132 (1)             |                                   |                    |                      |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Front Bush</b>                         | <b>Rear Bush</b>  | <b>Housing Clip</b> | <b>Rear Seal</b>       | <b>Base Plate</b>                 | <b>Seal</b>        | <b>Seal</b>          |
|                                                                                     | 6015                 | 050280                                    | 050249            | 130013              | RM180-30V              | 220058 (3)                        | RM1056-24 (2)      | RM0246-24 (2)        |
|                                                                                     | <b>Drive Gear</b>    | <b>Seal</b>                               | <b>Seal</b>       | <b>O Ring</b>       |                        |                                   |                    |                      |
|                                                                                     | 220180               | 160116                                    | RM0840-30V (2)    | RM1180-30V          |                        |                                   |                    |                      |

## WABCO SERIES

|                                                                                   |                      |                                            |                   |                  |                        |                                    |                      |                     |
|-----------------------------------------------------------------------------------|----------------------|--------------------------------------------|-------------------|------------------|------------------------|------------------------------------|----------------------|---------------------|
|  |                      | <b>MAJORSSELL PARTS FOR: 912 512 001 0</b> |                   |                  |                        | <b>MAJORSSELL REBUILD: 67A106R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                               | VOLVO             |                  |                        |                                    |                      |                     |
|                                                                                   |                      | <b>OE</b>                                  | 20477943          | 20569251         |                        |                                    |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                      | 22 kg             | Flange           | Engine Oil             | M16                                | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                 | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK088             | A67RK088A                                  | A67RK088B         | A67RK085C        | A67RK085D              | A67RK085V                          | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                    |                      |                     |
|                                                                                   | 020023               | 020179                                     | 020024            | 020189           | 020025                 |                                    |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                   | A69RK054          | A69RK070         | A69RK055               |                                    |                      |                     |
| <b>Head</b>                                                                       |                      | 220229 (Comp)                              |                   |                  | <b>Rear end Cover</b>  | 220187                             | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 |                      | 140016 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                    |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140275 (2)                                 | 140138 (6)        | 140276 (2)       |                        |                                    |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>O Ring</b>    | <b>Circlip</b>         | <b>Liner Sleeve</b>                |                      |                     |
|                                                                                   | 220248               | 050249                                     | 220058 (2)        | RM1550-30V       | 130013                 | 020986                             |                      |                     |

|                                                                                   |                      |                                            |                   |                      |                        |                                    |                      |                     |
|-----------------------------------------------------------------------------------|----------------------|--------------------------------------------|-------------------|----------------------|------------------------|------------------------------------|----------------------|---------------------|
|  |                      | <b>MAJORSSELL PARTS FOR: 912 512 004 0</b> |                   |                      |                        | <b>MAJORSSELL REBUILD: 67A072R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                               |                   |                      |                        |                                    |                      |                     |
|                                                                                   |                      | <b>OE</b>                                  |                   |                      |                        |                                    |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>         | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                      | 19 kg             | Flange               | Engine                 | M16                                | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b>     | <b>Ess Kit</b>         | <b>Valve Plate</b>                 | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK085             | A67RK085A                                  | A67RK085B         | A67RK085C            | A67RK085D              | A67RK085V                          | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>       | <b>1.00 mm</b>         |                                    |                      |                     |
|                                                                                   | 020023               | 020179                                     | 020024            | 020189               | 020025                 |                                    |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                   | A69RK054          | A69RK070             | A69RK055               |                                    |                      |                     |
| <b>Head</b>                                                                       | 220331               | 220299 (Comp)                              |                   |                      | <b>Rear end Cover</b>  | 220187                             | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220699               | 140016 (Nut)                               |                   |                      | <b>Front end Cover</b> |                                    |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140275 (2)                                 | 140138 (6)        | 140276 (2)           |                        |                                    |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Housing</b> | <b>Rear Bush</b>                           | <b>Sump Cover</b> | <b>Front Curclip</b> | <b>F Flange Seal</b>   |                                    |                      |                     |
|                                                                                   | 220248               | 220249                                     | 220058 (2)        | 130013               | RM1250-30V             |                                    |                      |                     |

\* Superseded by 912 512 008 0

|                                                                                     |                      |                                            |                   |                  |                        |                                    |                      |                     |
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|  |                      | <b>MAJORSSELL PARTS FOR: 912 512 006 0</b> |                   |                  |                        | <b>MAJORSSELL REBUILD: 67A229R</b> |                      |                     |
|                                                                                     |                      | <b>Users</b>                               | VOLVO             |                  |                        |                                    |                      |                     |
|                                                                                     |                      | <b>OE</b>                                  | 20770303          |                  |                        |                                    |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                             | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                  | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through          | Water                                      | 19 kg             | Flange           | Engine Oil             | M16                                | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                            | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                 | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK085             | A67RK085A                                  | A67RK085B         | A67RK085C        | A67RK085D              | A67RK085V                          | A67RK085CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                             | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                    |                      |                     |
|                                                                                     | 020023               | 020179                                     | 020024            | 020189           | 020025                 |                                    |                      |                     |
| <b>Rings</b>                                                                        | A69RK028             | A69RK069                                   | A69RK054          | A69RK070         | A69RK055               |                                    |                      |                     |
| <b>Head</b>                                                                         | 220331               | 220299 (Comp)                              |                   |                  | <b>Rear end Cover</b>  | 220187                             | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                   | 220068               | 140016 (Nut)                               |                   |                  | <b>Front end Cover</b> |                                    |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)           | 140275 (2)                                 | 140138 (6)        | 140276 (2)       |                        |                                    |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Rear Bush</b>                           | <b>Base Plate</b> | <b>O Ring</b>    | <b>Circlip</b>         | <b>Liner Sleeve</b>                |                      |                     |
|                                                                                     | 220248               | 050249                                     | 220058 (2)        | RM1250-30V       | 130013                 | 020986                             |                      |                     |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 912 512 029 0</b> |                   |                    |                        | <b>MAJORSELL REBUILD: 67A264R</b> |                  |                     |
|                                                                                   |                      | <b>Users</b>                              |                   |                    |                        |                                   |                  |                     |
|                                                                                   |                      | <b>OE</b>                                 |                   |                    |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>       | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b> | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                     | 20.50 kg          | Flange             | Engine                 | M16                               | Manifold         | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>   | <b>Valve Plate</b>     | <b>Cooling Plate</b>              |                  |                     |
|                                                                                   | A67RK108             | A67RK108A                                 | A67RK108B         | A67RK108C          | A67RK108V              | A67RK085CP                        |                  |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>     | <b>1.00 mm</b>         |                                   |                  |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189             | 020025                 |                                   |                  |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070           | A69RK055               |                                   |                  |                     |
| <b>Head</b>                                                                       | 220331               | 220698 (Comp)                             |                   |                    | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>  | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220699               | 140016 (Nut)                              |                   |                    | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140275 (2)                                | 140138 (6)        | 140276 (2)         |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Front Housing</b> | <b>Rear Bush</b>                          | <b>Sump Cover</b> | <b>Flange Clip</b> | <b>Flange Seal</b>     | <b>Air Intake Seal</b>            |                  |                     |
|                                                                                   | 220248               | 050249                                    | 220058 (2)        | 130013             | RM1650-30V             | 160126                            |                  |                     |

|                                                                                   |                      |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 912 514 001 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A118R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | RVI               |                  |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 21353473          |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through              | Water                                     | 21 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK088             | A67RK088A                                 | A67RK088B         | A67RK085C        | A67RK085D              | A67RK085V                         | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       |                      | 220299 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220068               | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140275 (2)                                | 140276 (2)        |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                      |                     |
|                                                                                   | 220248               | 050249                                    | 220058 (2)        | RM1650-30V       | 020986                 |                                   |                      |                     |

\* Superseded by 912 514 004 0

|                                                                                     |                      |                                           |                   |                     |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 912 514 003 0</b> |                   |                     |                        | <b>MAJORSELL REBUILD: 67A247R</b> |                      |                     |
|                                                                                     |                      | <b>Users</b>                              | RVI               |                     |                        |                                   |                      |                     |
|                                                                                     |                      | <b>OE</b>                                 | 21353473          |                     |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>        | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Through              | Water                                     | 21 kg             | Flange              | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>    | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK088             | A67RK088A                                 | A67RK088B         | A67RK085C           | A67RK085D              | A67RK085V                         | A67RK085CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>      | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023               | 020179                                    | 020024            | 020189              | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028             | A69RK069                                  | A69RK054          | A69RK070            | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220331               | 220299 (Comp)                             |                   |                     | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      |                     |
| <b>Crankshaft</b>                                                                   | 220100 (2)           |                                           |                   |                     | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140143 (6)           | 140210 (2)                                |                   |                     |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>O Ring</b>     | <b>Liner Sleeve</b> | <b>Base Plate</b>      |                                   |                      |                     |
|                                                                                     | 220248               | 050249                                    | RM1180-30V        | 020986 (2)          | 220058 (2)             |                                   |                      |                     |

## WABCO SERIES

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|  |                      | <b>MAJORSELL PARTS FOR: 912 514 004 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A119R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              | RVI               |                  |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 | 21353473          | 7485003297       |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through              | Water                                     | 21 kg             | Flange           | Engine Oil             | M16                               | Manifold             | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK088             | A67RK088A                                 | A67RK088B         | A67RK085C        | A67RK085D              | A67RK085V                         | A67RK085CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220331               | 220299 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220068               | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140210 (2)                                |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bearing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>Circlip</b>   | <b>Liner Sleeve</b>    | <b>O Ring</b>                     |                      |                     |
|                                                                                   | 220248               | 050249                                    | 220058 (2)        | 130013           | 020986 (2)             | RM1180-30V                        |                      |                     |

\* Replaced by 912 514 009 0

|                                                                                   |                      |                                           |                   |                          |                        |                                   |                      |                     |
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|  |                      | <b>MAJORSELL PARTS FOR: 912 514 009 0</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 67A255R</b> |                      |                     |
|                                                                                   |                      | <b>Users</b>                              |                   |                          |                        |                                   |                      |                     |
|                                                                                   |                      | <b>OE</b>                                 |                   |                          |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>         | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>             | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through          | Water                                     | 20.50 kg          | Flange                   | Engine Oil             | 16 mm                             | Manifold             | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>      | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b>         | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK108             | A67RK108A                                 | A67RK108B         | A67RK108C                | A67RK085D              | A67RK0108V                        | A67RK108CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>           | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>           | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023               | 020179                                    | 020024            | 020189                   | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028             | A69RK069                                  | A69RK054          | A69RK070                 | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220331               | 220698 (Comp)                             |                   |                          | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                 | 220699               | 140016 (Nut)                              |                   |                          | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140143 (6)           | 140275 (2)                                | 140276 (2)        | 140138 (6)               |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Housing</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>Front Flange Clip</b> |                        | <b>Front Flange Seal</b>          |                      | <b>O Ring</b>       |
|                                                                                   | 220248               | 050249                                    | 220058 (2)        | 130013                   |                        | RM1650-30V                        |                      | 160126              |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 518 003 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A299R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 1696197           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Through           | Water                                     | 27 kg             | Side             | Engine Oil             | M16                               | M33                  | M22                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK090          | A67RK090A                                 | A67RK090B         | A67RK090C        | A67RK085D              | A67RK090V                         | A67RK090CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220340            | 220339 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220432              |
| <b>Crankshaft</b>                                                                   |                   | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      | 220150              |
| <b>Bolts</b>                                                                        | 140151 (6)        | 140199 (6)                                |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>O Ring</b>    | <b>Bearing Flange</b>  |                                   |                      |                     |
|                                                                                     | 050249            | 6308                                      | 220058 (2)        | RM1360-60        | 220433                 |                                   |                      |                     |

## WABCO SERIES

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|-----------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 912 518 005 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A302R</b> |                      |                     |
|                                                                                   |                   | Users                                     |                   |                  |                        |                                   |                      |                     |
|                                                                                   |                   | OE                                        |                   |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85mm                                                                              | Through           | Water                                     | 27kg              | Side             | Engine                 | 16mm                              | 33mm                 | 22mm                |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK090          | A67RK090A                                 | A67RK090B         | A67RK090C        | A67RK085D              | A67RK090V1                        | A67RK090CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220940            | 220939 (Comp)                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220434              |
| <b>Crankshaft</b>                                                                 | 220432            | 140016 (Nut)                              |                   |                  | <b>Front end Cover</b> |                                   |                      | 220150              |
| <b>Bolts</b>                                                                      | 140151 (6)        | 140341 (6)                                | 140199 (6)        |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bearing</b>                       | <b>Base Plate</b> | <b>O Ring</b>    | <b>Bearing Flange</b>  |                                   | <b>Rear Clip</b>     | <b>Drive Gear</b>   |
|                                                                                   | 050249            | 6308                                      | 220058 (2)        | RM1360-60        | 220433                 |                                   | 130013               | 220704              |

|                                                                                   |                   |                                           |                     |                   |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 518 107 0</b> |                     |                   |                        | <b>MAJORSELL REBUILD: 67A311R</b> |                      |                     |
|                                                                                   |                   | Users                                     |                     |                   |                        |                                   |                      |                     |
|                                                                                   |                   | OE                                        |                     |                   |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>       | <b>Mount</b>      | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Through           | Water                                     | 27 kg               | side              | Engine                 | 16 mm                             | 30 mm                | 26 mm               |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b>   | <b>Valve Kit</b>  | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK087          | A67RK087A                                 | A67RK087B           | A67RK087C         | A67RK085D              | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>      | <b>0.75 mm</b>    | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024              | 020189            | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054            | A69RK070          | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220353            | 220352 (Comp)                             |                     |                   | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220150              |
| <b>Crankshaft</b>                                                                 | 220862            | 140016 (Nut)                              |                     |                   | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (6)        | 140151 (2)                                | 140138 (6)          |                   |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Clip</b>                               | <b>Rear Bearing</b> | <b>Sump Cover</b> | <b>Drive Gear</b>      | <b>Flange Seal</b>                |                      |                     |
|                                                                                   | 050249            | 130013                                    | 6803-C3             | 220058 (2)        | 220730                 | RM1360-60                         |                      |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 518 200 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A232R</b> |                      |                     |
|                                                                                     |                   | Users                                     | DAF               |                  |                        |                                   |                      |                     |
|                                                                                     |                   | OE                                        | 1689065           | 1795776          | 1736790                |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 18 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK087          | A67RK087A                                 | A67RK087B         | A67RK087C        | A67RK085D              | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220353            | 220352 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                   |                   | 140330 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140128 (6)        | 140151 (2)                                | 140138 (6)        | 140199 (2)       | 140184 (1)             | 140098 (1)                        |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    | <b>Circlip</b>                    |                      |                     |
|                                                                                     | 220248            | 050249                                    | 220058 (2)        | RM1250-30V       | 020986 (2)             | 130013                            |                      |                     |

\* Replaced by 912 518 204 0

## WABCO SERIES

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|  |                   | <b>MAJORSELL PARTS FOR: 912 518 202 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A152R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1736790           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 18 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK087          | A67RK087A                                 | A67RK087B         | A67RK087C        | A67RK085D              | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220353            | 220352 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                 |                   | 140330 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (6)        | 140210 (2)                                | 140138 (6)        | 140199 (2)       | 140098 (1)             | 140184 (1)                        |                      |                     |
| <b>Other Parts</b>                                                                | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    | <b>Clip</b>                       |                      |                     |
|                                                                                   | 220248            | 050249                                    | 220058 (2)        | RM1250-30V       | 020986                 | 130013                            |                      |                     |

|                                                                                   |                   |                                           |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: 912 518 206 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A120R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                 | 1813541           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                             | Non-Through       | Water                                     | 18 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Ess Kit</b>         | <b>Valve Kit</b>                  | <b>Cooling Plate</b> |                     |
|                                                                                   | A67RK087          | A67RK087A                                 | A67RK087B         | A67RK087C        | A67RK085D              | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                     | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                   | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                      | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                       | 220353            | 220352 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220150 (2)          |
| <b>Crankshaft</b>                                                                 | 220595            | 140331 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      | 140128 (6)        | 140210(2)                                 | 140138 (6)        | 140199 (2)       | 140334                 | 140335                            |                      |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>O Ring</b>                             | <b>Front Bush</b> | <b>Rear Bush</b> | <b>Liner Sleeve</b>    | <b>Clip</b>                       |                      |                     |
|                                                                                   | 220058 (2)        | RM1250-30V                                | 220248            | 050249           | 020986                 | 130013                            |                      |                     |

|                                                                                     |                   |                                           |                   |                  |                        |                                   |                      |                     |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: 912 518 207 0</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 67A121R</b> |                      |                     |
|                                                                                     |                   | <b>Users</b>                              | DAF               |                  |                        |                                   |                      |                     |
|                                                                                     |                   | <b>OE</b>                                 | 1813542           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <b>Cooling</b>                            | <b>Weight</b>     | <b>Mount</b>     | <b>Lube</b>            | <b>Water Port</b>                 | <b>Air Inlet</b>     | <b>Air Delivery</b> |
| 85 mm                                                                               | Non-Through       | Water                                     | 18 kg             | Flange           | Engine Oil             | M16                               | M30                  | M26                 |
| <b>Repair Kits</b>                                                                  | <b>Full Kit</b>   | <b>Head Kit</b>                           | <b>Gasket Kit</b> | <b>Valve Kit</b> | <b>Valve Plate</b>     | <b>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                     | A67RK087          | A67RK087A                                 | A67RK087B         | A67RK087C        | A67RK085D              | A67RK087V                         | A67RK087CP           |                     |
| <b>Piston</b>                                                                       | <b>Std</b>        | <b>0.25 mm</b>                            | <b>0.50 mm</b>    | <b>0.75 mm</b>   | <b>1.00 mm</b>         |                                   |                      |                     |
|                                                                                     | 020023            | 020179                                    | 020024            | 020189           | 020025                 |                                   |                      |                     |
| <b>Rings</b>                                                                        | A69RK028          | A69RK069                                  | A69RK054          | A69RK070         | A69RK055               |                                   |                      |                     |
| <b>Head</b>                                                                         | 220353            | 220352 (Comp)                             |                   |                  | <b>Rear end Cover</b>  | 220187                            | <b>Conn Rod</b>      | 220100 (2)          |
| <b>Crankshaft</b>                                                                   | 220787            | 140331 (Pin)                              |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                        | 140128 (6)        | 140210 (2)                                | 140138 (6)        | 140199 (2)       | 140334                 | 140335                            |                      |                     |
| <b>Other Parts</b>                                                                  | <b>Front Bush</b> | <b>Rear Bush</b>                          | <b>Base Plate</b> | <b>O Ring</b>    | <b>Liner Sleeve</b>    | <b>Circlip</b>                    |                      |                     |
|                                                                                     | 220248            | 050249                                    | 220058 (2)        | RM1250-30V       | 020986 (2)             | 130013                            |                      |                     |



## REPAIR KITS

### A67RK001

|                                                                                  |                                                                                    |                                                                                     |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK001</b>                                                        | Head Kit: <b>A67RK001A</b>                                                         | Gasket Kit: <b>A67RK001B</b>                                                        |
|  |                                                                                    |   |
| Valve Kit: <b>A67RK001C</b>                                                      |                                                                                    | Valve Plate: <b>A67RK001V</b>                                                       |

### A67RK004

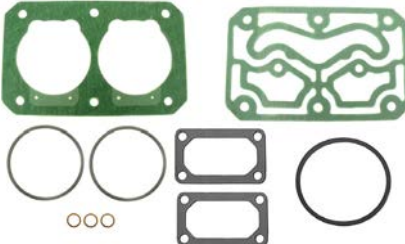
|                                                                                    |                                                                                     |                                                                                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK004</b>                                                          | Head Kit: <b>A67RK004A</b>                                                          | Gasket Kit: <b>A67RK004B</b>                                                         |
|  |                                                                                     |  |
| Valve Kit: <b>A67RK004C</b>                                                        |                                                                                     | Valve Plate: <b>A67RK004V</b>                                                        |

### A67RK005

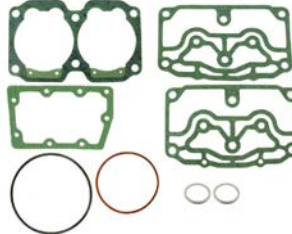
|                                                                                    |                                                                                      |                                                                                       |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK005</b>                                                          | Head Kit: <b>A67RK005A</b>                                                           | Gasket Kit: <b>A67RK005B</b>                                                          |
|  |                                                                                      |                                                                                       |
| Valve Kit: <b>A67RK005C</b>                                                        |                                                                                      |                                                                                       |

## REPAIR KITS

**A67RK017**

|                                                                                   |                                                                                   |                                                                                     |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A67RK017</b>                                                         | Head Kit: <b>A67RK017A</b>                                                        | Gasket Kit: <b>A67RK017B</b>                                                        |  |
|  |                                                                                   |                                                                                     |  |
| Valve Kit: <b>A67RK017C</b>                                                       |                                                                                   |                                                                                     |  |

**A67RK019**

|                                                                                     |                                                                                    |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |   |
| Full Kit: <b>A67RK019</b>                                                           | Head Kit: <b>A67RK019A</b>                                                         | Gasket Kit: <b>A67RK019B</b>                                                          |
|  |                                                                                    |  |
| Valve Kit: <b>A67RK019C</b>                                                         |                                                                                    | Valve Plate: <b>A67RK019V</b>                                                         |

## A67RK021

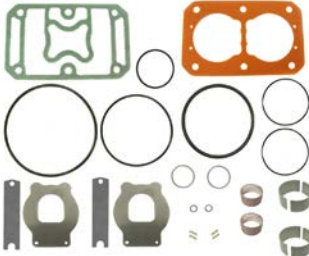
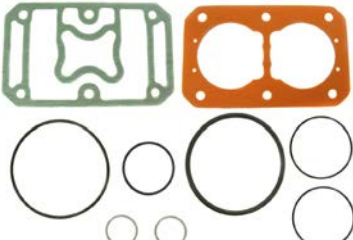
|                                                                                     |  |                                                                                     |  |  |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--|
| IN DEVELOPMENT                                                                      |  |  |  |  |
| Full Kit: A67RK021                                                                  |  | Head Kit: A67RK021A                                                                 |  |  |
|  |  |                                                                                     |  |  |
| Valve Kit: A67RK021C                                                                |  |                                                                                     |  |  |

## REPAIR KITS

### A67RK024

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK024</b>                                                         | Head Kit: <b>A67RK024A</b>                                                        | Gasket Kit: <b>A67RK024B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A67RK024C</b>                                                       |                                                                                   |                                                                                     |
|                                                                                   |                                                                                   |  |
|                                                                                   |                                                                                   | Valve Plate: <b>A67RK024V</b>                                                       |

### A67RK025

|                                                                                     |                                                                                    |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| A67RK025                                                                            |                                                                                    |                                                                                      |                                                                                       |
|   |  |  |                                                                                       |
| Full Kit: <b>A67RK025</b>                                                           | Head Kit: <b>A67RK025A</b>                                                         | Gasket Kit: <b>A67RK025B</b>                                                         |                                                                                       |
|  |                                                                                    |                                                                                      |  |
| Valve Kit: <b>A67RK025C</b>                                                         |                                                                                    |                                                                                      | Valve Plate: <b>A67RK025V</b>                                                         |

### A67RK026

|          |  |  |  |
|----------|--|--|--|
| A67RK026 |  |  |  |
|          |  |  |  |

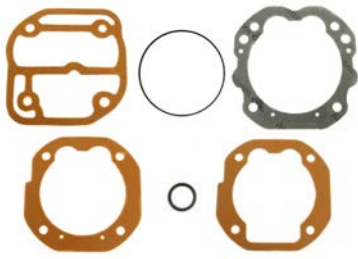


## REPAIR KITS

### A67RK035

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK035</b>                                                         | Head Kit: <b>A67RK035A</b>                                                        | Gasket Kit: <b>A67RK035B</b>                                                        |
|  |                                                                                   |  |
| Valve Kit: <b>A67RK035C</b>                                                       |                                                                                   | Valve Plate: <b>A67RK035V</b>                                                       |

### A67RK036

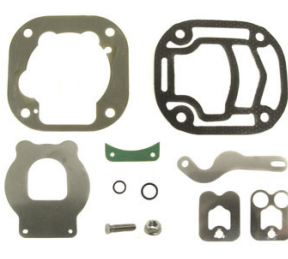
|                                                                                    |                                                                                    |                                                                                       |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |   |
| Full Kit: <b>A67RK036</b>                                                          | Head Kit: <b>A67RK036A</b>                                                         | Gasket Kit: <b>A67RK036B</b>                                                          |
|                                                                                    |                                                                                    |  |
|                                                                                    |                                                                                    | Valve Plate: <b>A67RK036V</b>                                                         |

### A67RK037

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK037</b>                                                           | Head Kit: <b>A67RK037A</b>                                                          | Gasket Kit: <b>A67RK037B</b>                                                          |
|                                                                                     |                                                                                     |  |
|                                                                                     |                                                                                     | Valve Plate: <b>A67RK037V</b>                                                         |

## REPAIR KITS

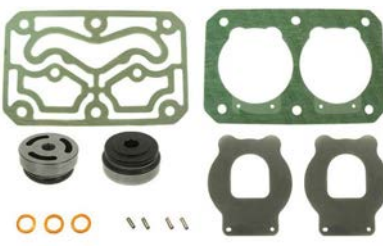
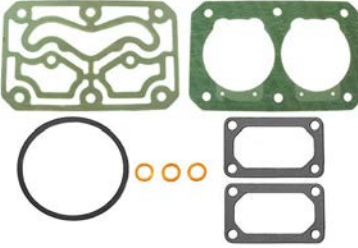
### A67RK038

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK038</b>                                                         | Head Kit: <b>A67RK038A</b>                                                        | Gasket Kit: <b>A67RK038B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A67RK038C</b>                                                       |                                                                                   |                                                                                     |

### A67RK047

|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK047</b>                                                           | Head Kit: <b>A67RK047A</b>                                                         | Gasket Kit: <b>A67RK047B</b>                                                         |
|  |                                                                                    |                                                                                      |
| Valve Kit: <b>A67RK047C</b>                                                         |                                                                                    |                                                                                      |

### A67RK049

|                                                                                     |                                                                                     |                                                                                       |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A67RK049</b>                                                           | Head Kit: <b>A67RK049A</b>                                                          | Gasket Kit: <b>A67RK049B</b>                                                          |  |
|                                                                                     |                                                                                     |                                                                                       |  |
|                                                                                     |                                                                                     |                                                                                       |  |

## REPAIR KITS

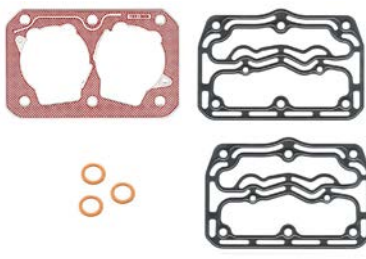
### A67RK050

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK050</b>                                                         | Head Kit: <b>A67RK050A</b>                                                        | Gasket Kit: <b>A67RK050B</b>                                                        |
|  |                                                                                   |  |
| Valve Kit: <b>A67RK050C</b>                                                       |                                                                                   | Mounting Kit: <b>A67RK050F</b>                                                      |

### A67RK053

|                                                                                    |                                                                                    |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK053</b>                                                          | Head Kit: <b>A67RK053A</b>                                                         | Gasket Kit: <b>A67RK053B</b>                                                         |
|                                                                                    |                                                                                    |                                                                                      |
|                                                                                    |                                                                                    |                                                                                      |

### A67RK054

|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK054</b>                                                           | Head Kit: <b>A67RK054A</b>                                                          | Gasket Kit: <b>A67RK054B</b>                                                          |
|  |  |   |
| Valve Kit: <b>A67RK054C</b>                                                         | Ess Kit: <b>A67RK054D</b>                                                           | Cooling Plate: <b>A67RK054CP</b> Valve Plate: <b>A67RK054V</b>                        |



**A67RK055**

A67RK056A67RK057

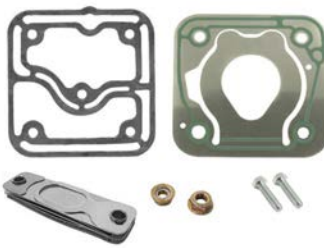
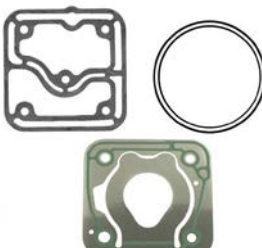
Original names & part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.

## REPAIR KITS

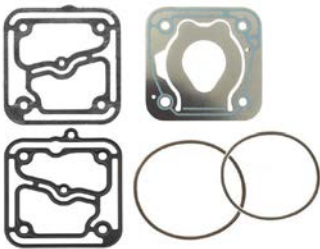
### A67RK058

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK058</b>                                                         | Head Kit: <b>A67RK058A</b>                                                        | Gasket Kit: <b>A67RK058B</b>                                                        |                                                                                     |
|  |  |   |  |
| Valve Kit: <b>A67RK058C</b>                                                       | Ess Kit: <b>A67RK058D</b>                                                         | Ess Kit: <b>A67RK058D1</b>                                                          | Valve Plate: <b>A67RK058V</b>                                                       |

### A67RK059

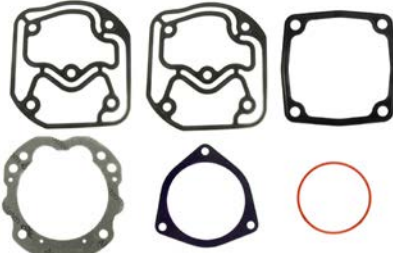
|                                                                                     |                                                                                    |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |  |                                                                                       |
| Full Kit: <b>A67RK059</b>                                                           | Head Kit: <b>A67RK059A</b>                                                         | Gasket Kit: <b>A67RK059B</b>                                                         |                                                                                       |
|  |                                                                                    |                                                                                      |  |
| Valve Kit: <b>A67RK059C</b>                                                         | Ess Kit:                                                                           | Ess Kit:                                                                             | Valve Plate: <b>A67RK059V</b>                                                         |

### A67RK060

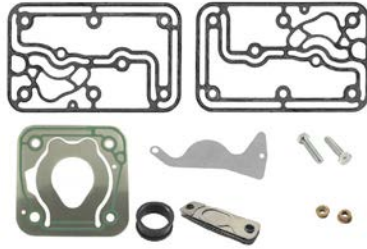
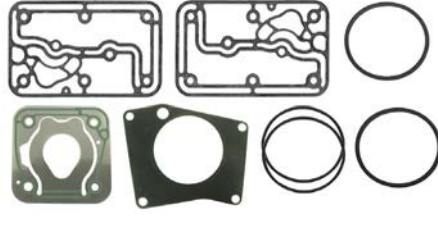
|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK060</b>                                                           | Head Kit: <b>A67RK060A</b>                                                          | Gasket Kit: <b>A67RK060B</b>                                                          |                                                                                       |
|  |                                                                                     |                                                                                       |  |
| Valve Kit: <b>A67RK060C</b>                                                         |                                                                                     |                                                                                       | Valve Plate: <b>A67RK060V</b>                                                         |

## REPAIR KITS

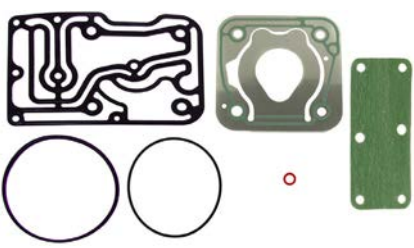
### A67RK061

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK061</b>                                                         | Head Kit: <b>A67RK061A</b>                                                        | Gasket Kit: <b>A67RK061B</b>                                                        |                                                                                     |
|  |                                                                                   |   |  |
| Valve Kit: <b>A67RK061C</b>                                                       |                                                                                   | Cooling Plate: <b>A67RK061CP</b>                                                    | Valve Plate: <b>A67RK061V</b>                                                       |

### A67RK062

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |  |                                                                                       |
| Full Kit: <b>A67RK062</b>                                                           | Head Kit: <b>A67RK062A</b>                                                          | Gasket Kit: <b>A67RK062B</b>                                                         |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A67RK062C</b>                                                         | Ess Kit: <b>A67RK062D</b>                                                           | Cooling Plate: <b>A67RK062CP</b>                                                     | Valve Plate: <b>A67RK062V</b>                                                         |

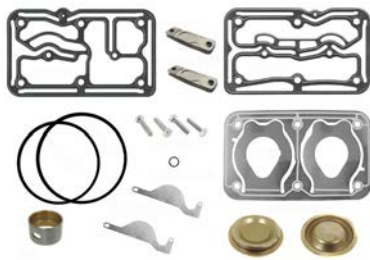
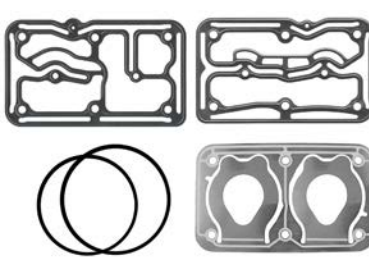
### A67RK063

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK063</b>                                                           | Head Kit: <b>A67RK063A</b>                                                           | Gasket Kit: <b>A67RK063B</b>                                                          |                                                                                       |
|  |                                                                                      |   |  |
| Valve Kit: <b>A67RK063C</b>                                                         |                                                                                      | Valve Plate: <b>A67RK063V</b>                                                         | Valve Plate: <b>A67RK063V1</b>                                                        |

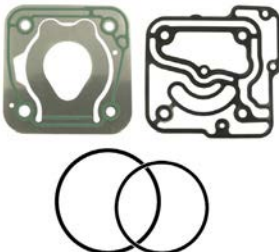


## REPAIR KITS

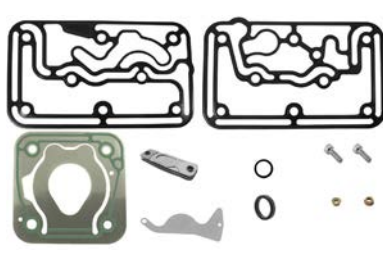
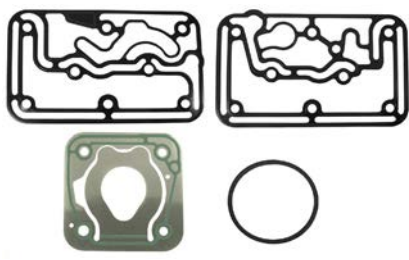
### A67RK065

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK065</b>                                                         | Head Kit: <b>A67RK065A</b>                                                         | Gasket Kit: <b>A67RK065B</b>                                                        |                                                                                     |
|  |   |   |  |
| Valve Kit: <b>A67RK065C</b>                                                       | Cooling Plate: <b>A67RK065CP</b>                                                   | Valve Plate: <b>A67RK065V</b>                                                       | Valve Plate: <b>A67RK065V1</b>                                                      |

### A67RK066

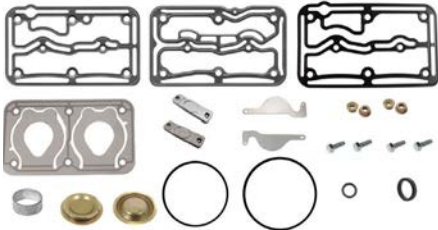
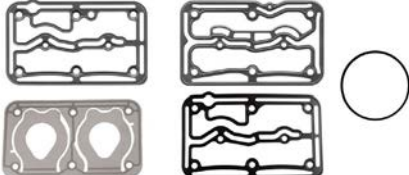
|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |   |
| Full Kit: <b>A67RK066</b>                                                           | Head Kit: <b>A67RK066A</b>                                                          | Gasket Kit: <b>A67RK066B</b>                                                          |
|  |  |  |
| Valve Kit: <b>A67RK066C</b>                                                         | <b>A67RK066FP</b>                                                                   | Valve Plate: <b>A67RK066V</b>                                                         |

### A67RK067

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK067</b>                                                           | Head Kit: <b>A67RK067A</b>                                                          | Gasket Kit: <b>A67RK067B</b>                                                          |                                                                                       |
|  |                                                                                     |   |  |
| Valve Kit: <b>A67RK067C</b>                                                         |                                                                                     | Cooling Plate: <b>A67RK067CP</b>                                                      | Valve Plate: <b>A67RK067V</b>                                                         |

## REPAIR KITS

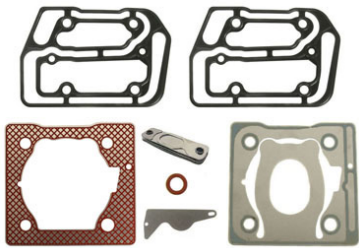
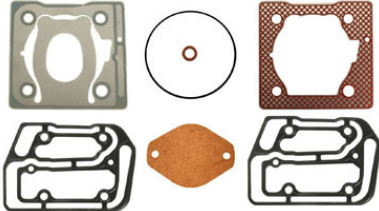
### A67RK068

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK068</b>                                                         | Head Kit: <b>A67RK068A</b>                                                         | Gasket Kit: <b>A67RK068B</b>                                                        |                                                                                     |
|  |   |   |  |
| Valve Kit: <b>A67RK068C</b>                                                       | Cooling Plate: <b>A67RK068CP</b>                                                   | Valve Plate: <b>A67RK068V</b>                                                       | Valve Plate: <b>A67RK068V1</b>                                                      |

### A67RK069

|                                                                                     |  |  |  |                                                                                      |  |  |  |                                                                                      |  |  |  |
|-------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------|--|--|--|--------------------------------------------------------------------------------------|--|--|--|
|   |  |  |  |   |  |  |  |  |  |  |  |
| Full Kit: <b>A67RK069</b>                                                           |  |  |  | Head Kit: <b>A67RK069A</b>                                                           |  |  |  | Gasket Kit: <b>A67RK069B</b>                                                         |  |  |  |
|  |  |  |  |  |  |  |  | <b>IN DEVELOPMENT</b>                                                                |  |  |  |
| Valve Kit: <b>A67RK069C</b>                                                         |  |  |  | Valve Plate: <b>A67RK069V</b>                                                        |  |  |  | Valve Plate: <b>A67RK069V1</b>                                                       |  |  |  |

### A67RK070

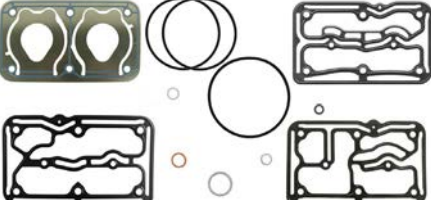
|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |   |  |
| Full Kit: <b>A67RK070</b>                                                           | Head Kit: <b>A67RK070A</b>                                                           | Gasket Kit: <b>A67RK070B</b>                                                          |
|  |  |  |
| Valve Kit: <b>A67RK070C</b>                                                         | Cooling Plate: <b>A67RK070CP</b>                                                     | Valve Plate: <b>A67RK070V</b>                                                         |

## REPAIR KITS

### A67RK072

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK072</b>                                                         | Head Kit: <b>A67RK072A</b>                                                        | Gasket Kit: <b>A67RK072B</b>                                                        |
|  |                                                                                   |  |
| Valve Kit: <b>A67RK072C</b>                                                       |                                                                                   | Valve Plate: <b>A67RK072V</b>                                                       |

### A67RK073

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |  |                                                                                       |
| Full Kit: <b>A67RK073</b>                                                           | Head Kit: <b>A67RK073A</b>                                                          | Gasket Kit: <b>A67RK073B</b>                                                         |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A67RK073C</b>                                                         | Ess Kit: <b>A67RK073D</b>                                                           | Cooling Plate: <b>A67RK073CP</b>                                                     | Valve Plate: <b>A67RK073V</b>                                                         |
|  |                                                                                     |                                                                                      |                                                                                       |
| Valve Plate: <b>A67RK072V1</b>                                                      |                                                                                     |                                                                                      |                                                                                       |

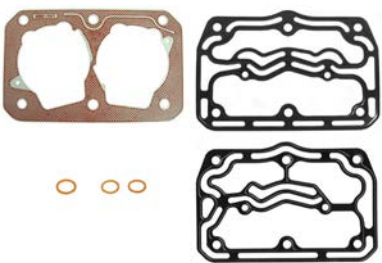


## REPAIR KITS

### A67RK074

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK074</b>                                                         | Head Kit: <b>A67RK074A</b>                                                         | Gasket Kit: <b>A67RK074B</b>                                                        |                                                                                     |
|  |                                                                                    |   |  |
| Valve Kit: <b>A67RK074C</b>                                                       |                                                                                    | Ess Kit: <b>A67RK074CP</b>                                                          | Valve Plate: <b>A67RK074V</b>                                                       |

### A67RK082

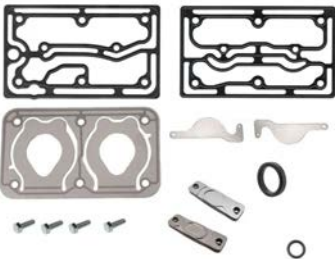
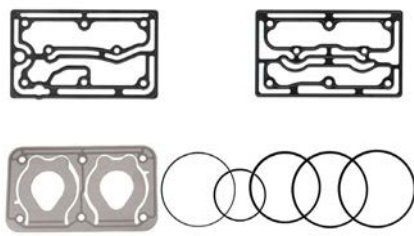
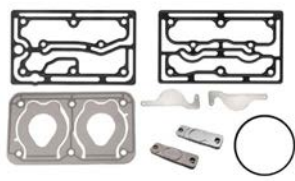
|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |  |                                                                                       |
| Full Kit: <b>A67RK082</b>                                                           | Head Kit: <b>A67RK082A</b>                                                          | Gasket Kit: <b>A67RK082B</b>                                                         |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A67RK082C</b>                                                         | Ess Kit: <b>A67RK082D</b>                                                           | Cooling Plate: <b>A67RK082CP</b>                                                     | Valve Plate: <b>A67RK082V</b>                                                         |

### A67RK083

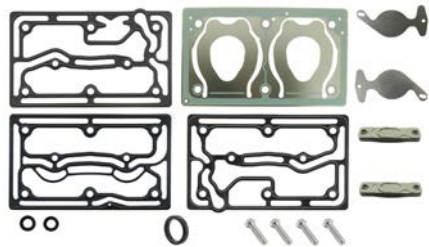
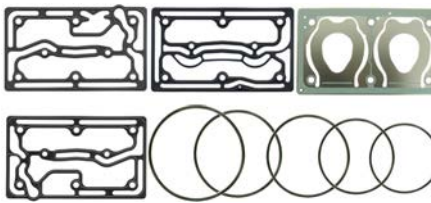
|                                                                                     |                                                                                     |                                                                                       |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| Full Kit: <b>A67RK083</b>                                                           | Head Kit: <b>A67RK083A</b>                                                          | Gasket Kit: <b>A67RK083B</b>                                                          |  |
|  |                                                                                     |                                                                                       |  |
| Valve Kit: <b>A67RK083C</b>                                                         |                                                                                     |                                                                                       |  |

## REPAIR KITS

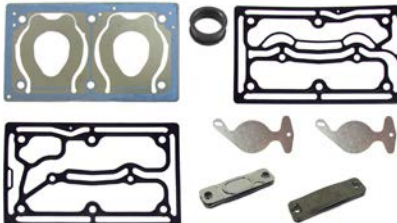
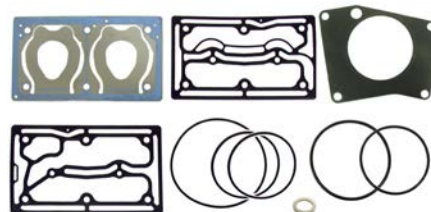
### A67RK084

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK084</b>                                                         | Head Kit: <b>A67RK084A</b>                                                        | Gasket Kit: <b>A67RK084B</b>                                                        |                                                                                     |
|                                                                                   |  |   |  |
|                                                                                   | <b>A67RK084FP</b>                                                                 | Cooling Plate: <b>A67RK084CP</b>                                                    | Valve Plate: <b>A67RK084V</b>                                                       |

### A67RK085

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |  |                                                                                       |
| Full Kit: <b>A67RK085</b>                                                           | Head Kit: <b>A67RK085A</b>                                                          | Gasket Kit: <b>A67RK085B</b>                                                         |                                                                                       |
|  |  |  |  |
| Valve Kit: <b>A67RK085C</b>                                                         | Ess Kit: <b>A67RK085D</b>                                                           | Cooling Plate: <b>A67RK085CP</b>                                                     | Valve Plate: <b>A67RK085V</b>                                                         |

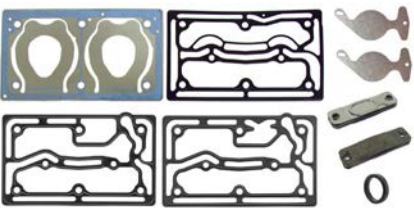
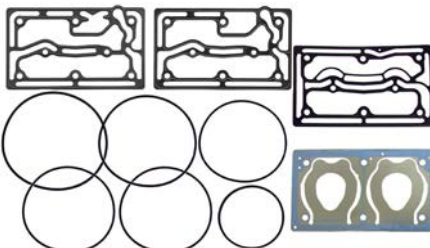
### A67RK087

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK087</b>                                                           | Head Kit: <b>A67RK087A</b>                                                          | Gasket Kit: <b>A67RK087B</b>                                                          |                                                                                       |
|  |                                                                                     |   |  |
| Valve Kit: <b>A67RK087C</b>                                                         |                                                                                     | Cooling Plate: <b>A67RK087CP</b>                                                      | Valve Plate: <b>A67RK087V</b>                                                         |

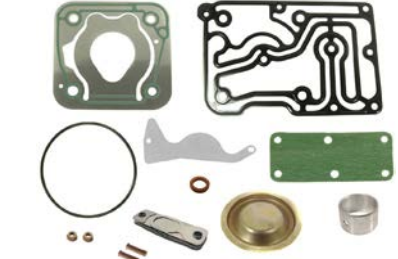
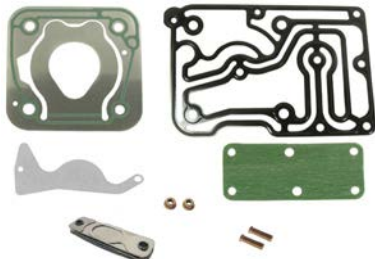
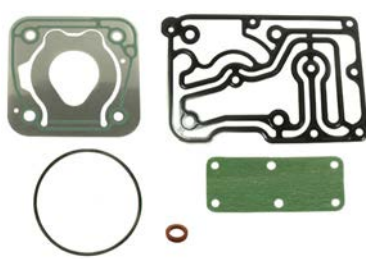


## REPAIR KITS

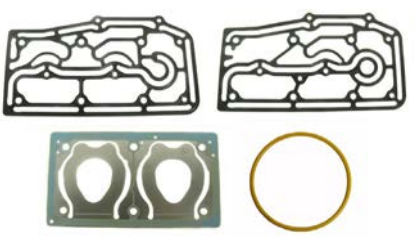
### A67RK088

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK088</b>                                                         | Head Kit: <b>A67RK088A</b>                                                        | Gasket Kit: <b>A67RK088B</b>                                                        |
|                                                                                   |                                                                                   |  |
|                                                                                   |                                                                                   | Valve Plate: <b>A67RK088V</b>                                                       |

### A67RK089

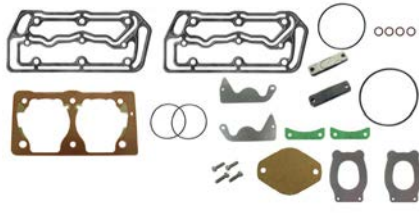
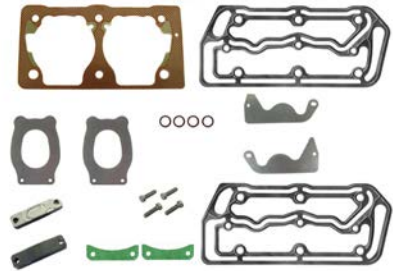
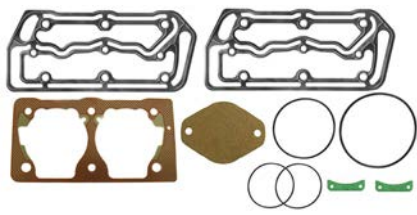
|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK089</b>                                                           | Head Kit: <b>A67RK089A</b>                                                         | Gasket Kit: <b>A67RK089B</b>                                                         |
|  |                                                                                    |                                                                                      |
| Valve Kit: <b>A67RK089C</b>                                                         |                                                                                    |                                                                                      |

### A67RK090

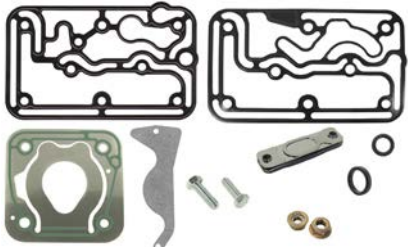
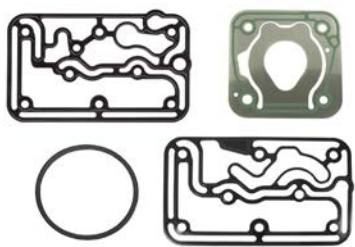
|                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |   |  |
| Full Kit: <b>A67RK090</b>                                                           | Head Kit: <b>A67RK090A</b>                                                           | Gasket Kit: <b>A67RK090B</b>                                                          |
|  |  |  |
| Valve Kit: <b>A67RK090C</b>                                                         | Cooling Plate: <b>A67RK090CP</b>                                                     | Valve Plate: <b>A67RK090V</b>                                                         |

## REPAIR KITS

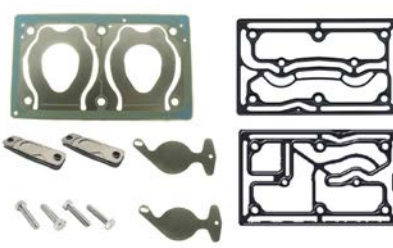
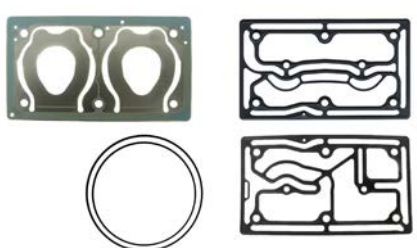
### A67RK091

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| Full Kit: <b>A67RK091</b>                                                         | Head Kit: <b>A67RK091A</b>                                                        | Gasket Kit: <b>A67RK091B</b>                                                        |                                                                                     |
|  |  |   |  |
| Valve Kit: <b>A67RK091C</b>                                                       | Ess Kit: <b>A67RK091D1</b>                                                        | Cooling Plate: <b>A67RK091CP</b>                                                    | Valve Plate: <b>A67RK091V</b>                                                       |

### A67RK092

|                                                                                     |                                                                                    |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |  |  |                                                                                       |
| Full Kit: <b>A67RK092</b>                                                           | Head Kit: <b>A67RK092A</b>                                                         | Gasket Kit: <b>A67RK092B</b>                                                         |                                                                                       |
|  |                                                                                    |  |  |
| Valve Kit: <b>A67RK092C</b>                                                         |                                                                                    | Cooling Plate: <b>A67RK092CP</b>                                                     | Valve Plate: <b>A67RK092V</b>                                                         |

### A67RK093

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| A67RK093                                                                            |                                                                                     |                                                                                       |                                                                                       |
|  |  |  |                                                                                       |
| Full Kit: <b>A67RK093</b>                                                           | Head Kit: <b>A67RK093A</b>                                                          | Gasket Kit: <b>A67RK093B</b>                                                          |                                                                                       |
|                                                                                     |                                                                                     |   |  |
|                                                                                     |                                                                                     | Ess Kit: <b>A67RK093CP</b>                                                            | Valve Plate: <b>A67RK093V</b>                                                         |



## REPAIR KITS

### A67RK095

|                             |                            |                               |
|-----------------------------|----------------------------|-------------------------------|
|                             |                            |                               |
| Full Kit: <b>A67RK095</b>   | Head Kit: <b>A67RK095A</b> | Gasket Kit: <b>A67RK095B</b>  |
|                             |                            |                               |
| Valve Kit: <b>A67RK095C</b> |                            | Valve Plate: <b>A67RK095V</b> |

### A67RK096

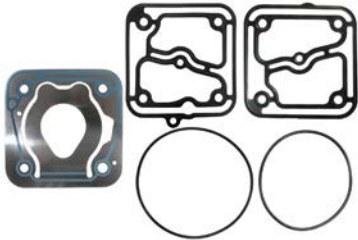
|                             |                            |                               |
|-----------------------------|----------------------------|-------------------------------|
|                             |                            |                               |
| Full Kit: <b>A67RK096</b>   | Head Kit: <b>A67RK096A</b> | Gasket Kit: <b>A67RK096B</b>  |
|                             |                            |                               |
| Valve Kit: <b>A67RK096C</b> | Ess Kit: <b>A67RK096D</b>  | Valve Plate: <b>A67RK096V</b> |

### A67RK097

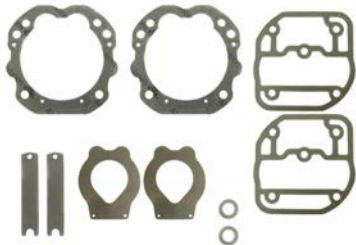
|                             |                                  |                               |
|-----------------------------|----------------------------------|-------------------------------|
|                             |                                  |                               |
| Full Kit: <b>A67RK097</b>   | Head Kit: <b>A67RK097A</b>       | Gasket Kit: <b>A67RK097B</b>  |
|                             |                                  |                               |
| Valve Kit: <b>A67RK097C</b> | Cooling Plate: <b>A67RK097CP</b> | Valve Plate: <b>A67RK097V</b> |

## REPAIR KITS

### A67RK098

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK098</b>                                                         | Head Kit: <b>A67RK098A</b>                                                         | Gasket Kit: <b>A67RK098B</b>                                                        |
|  |                                                                                    |  |
| Valve Kit: <b>A67RK098C</b>                                                       |                                                                                    | Valve Plate: <b>A67RK098V</b>                                                       |

### A67RK112

|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK112</b>                                                           | Head Kit: <b>A67RK112A</b>                                                         | Gasket Kit: <b>A67RK112B</b>                                                         |
|  |                                                                                    |                                                                                      |
| Valve Kit: <b>A67RK112C</b>                                                         |                                                                                    |                                                                                      |

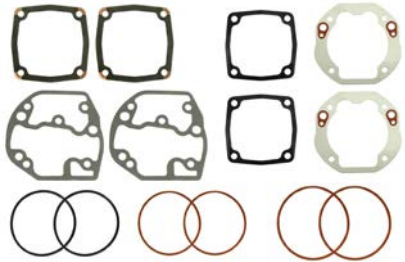
### A67RK113

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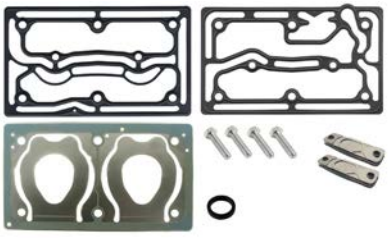
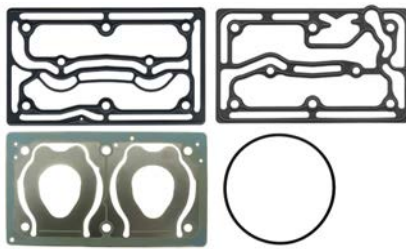


## REPAIR KITS

### A67RK114

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK114</b>                                                         | Head Kit: <b>A67RK114A</b>                                                        | Gasket Kit: <b>A67RK114B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A67RK114C</b>                                                       |                                                                                   |                                                                                     |

### A67RK115

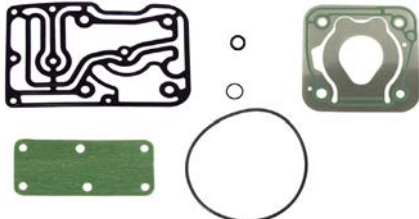
|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK115</b>                                                           | Head Kit: <b>A67RK115A</b>                                                         | Gasket Kit: <b>A67RK115B</b>                                                         |
|  |                                                                                    |                                                                                      |
| Valve Kit: <b>A67RK115C</b>                                                         |                                                                                    |                                                                                      |

### A67RK116

|  |
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|  |
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## REPAIR KITS

### A67RK117

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK117</b>                                                         | Head Kit: <b>A67RK117A</b>                                                         | Gasket Kit: <b>A67RK117B</b>                                                        |
|  |                                                                                    |                                                                                     |
| Valve Kit: <b>A67RK117C</b>                                                       |                                                                                    |                                                                                     |

### A67RK118

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### A67RK119

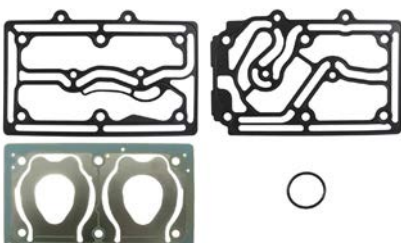
|                                                                                     |  |                                                                                      |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|  |  |                                                                                      |  |                                                                                       |  |
| Full Kit: <b>A67RK119</b>                                                           |  |                                                                                      |  |                                                                                       |  |
|                                                                                     |  |  |  |  |  |
|                                                                                     |  | Cooling Plate: <b>A67RK119CP</b>                                                     |  | Valve Plate: <b>A67RK119V</b>                                                         |  |

## REPAIR KITS

### A67RK123

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A67RK123</b>                                                         | Head Kit: <b>A67RK123A</b>                                                        | Gasket Kit: <b>A67RK123B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A67RK123C</b>                                                       |                                                                                   |                                                                                     |

### A67RK124

|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |
| Full Kit: <b>A67RK124</b>                                                           | Head Kit: <b>A67RK124A</b>                                                         | Gasket Kit: <b>A67RK124B</b>                                                         |
|  |                                                                                    |                                                                                      |
| Valve Kit: <b>A67RK124C</b>                                                         |                                                                                    |                                                                                      |

### 220034V

|                                                                                     |
|-------------------------------------------------------------------------------------|
|  |
| Valve Plate: <b>220034V</b>                                                         |

### 220056V

|                                                                                       |
|---------------------------------------------------------------------------------------|
|  |
| Valve Plate: <b>220056V</b>                                                           |









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