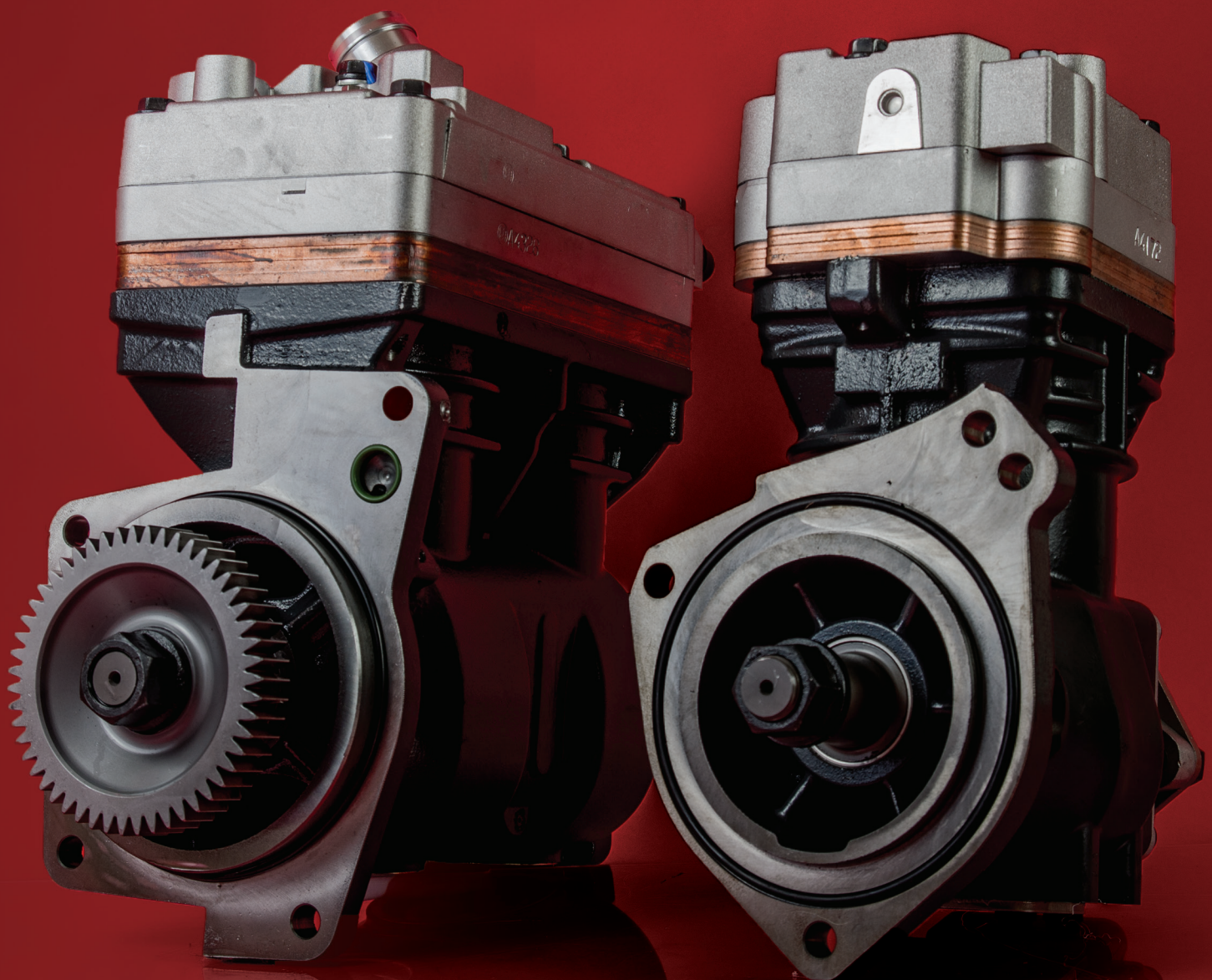




# Knorr Catalogue

Issue 3



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.

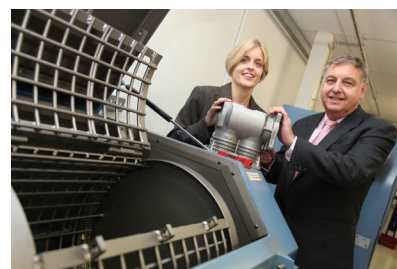
The range of Majorsell compressor repair kits and components has increased continually during the last 30 years and is now probably the most extensive range of aftermarket compressor parts offered by a single company in the world. All of our compressor kits are designed with the rebuilder in mind to 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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**[www.majorsell.co.uk](http://www.majorsell.co.uk)**



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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| LP4964            | 72 | A66RK007              | 84 | A66RK099 | 97 |          |     |



## 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                | 020165K1                         |                        |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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> |                  |                     |
|                                                                                   |                 | <b>Users</b>                       | IVECO             |                  |                        |                           |                  |                     |
|                                                                                   |                 | <b>OE</b>                          | 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> |                  |                     |
|                                                                                   |                       | <b>Users</b>                       | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                   |                       | <b>OE</b>                          | 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> |                  |                              |
|                                                                                     |                   | <b>Users</b>                       | IVECO             |                  |                        |                           |                  |                              |
|                                                                                     |                   | <b>OE</b>                          | 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

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

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

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

|                                                                                     |                   |                                    |                                  |                  |                        |                                   |                  |                     |
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|  |                   | <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             |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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                          | 0117443          |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <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           |                     |

|                                                                                     |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <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

|                                                                                   |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <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                             |                       |                  |                           |                                   |                  |                     |

|                                                                                     |                   |                                    |                       |                  |                           |                                   |                  |                     |
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|  |                   | <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              |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <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

|                                                                                   |                  |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                  | <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            |                  |                        |                                   |                  |                     |

|                                                                                   |                   |                                    |                   |                       |                        |                                   |                    |                     |
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|  |                   | <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                 |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                    |                          |                                   |                     |                     |
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|  |                   | <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          |                     |
|                                                                                     |                   |                                             | 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)                               |                   |                  | <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            | 140321 (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            | 140321 (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: LK3845</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A248R</b> |                  |                     |
|                                                                                     |                   | <b>Users</b>                       |                   |                  |                        |                                   |                  |                     |
|                                                                                     |                   | <b>OE</b>                          | II38683F000       |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <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 Cooled                       |                   | Flange           | Engine Oil             | M18                               | 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>                                                                         | 220863            | 220857 (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>Base Plate</b>                  | <b>O Ring</b>     | <b>O Ring</b>    | <b>Liner Sleeve</b>    |                                   |                  |                     |
|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |

## 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                            |                  |                     |

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                      |                     |
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|  |                   | <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            | 140321 (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              |

|                                                                                     |                   |                                    |                     |                  |                        |                                   |                    |                     |
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|  |                   | <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            | 140321(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                            |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <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                            |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                   | <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

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
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|  |                   | <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

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|  |                   | <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          |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
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|  |                 | <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                            |                   |                  |                        |                           |                  |                     |

|                                                                                     |                 |                                    |                   |                   |                        |                                   |                  |                     |
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|  |                 | <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

|                                                                                   |                   |                                    |                   |                  |                              |                                   |                  |                     |
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|  |                   | <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       | II18602          |                        |                           |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <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                            |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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

|                                                                                   |                 |                                    |                   |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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              |

|                                                                                     |                   |                                    |                   |                  |                              |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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             |                                   |                  |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                 | <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                    |                  |                     |

|                                                                                     |                   |                                    |                   |                                    |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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

|                                                                                   |                   |                                    |                     |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|---------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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              |                        |                                   |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                               |                   |                     |                        |                                   |                    |                     |
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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                            |                  |                     |

|                                                                                     |                   |                                               |                   |                     |                        |                                   |                  |                     |
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|  |                   | <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>                                                                 | 220313            | 140321 (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>O Ring</b>                                | <b>Front Flange Seal</b> |                  | <b>Base Plate</b>      |                                   |                  |                     |
|                                                                                   | 050269            | RM0100-25V                                   | 010458                   |                  | 220097 (2)             |                                   |                  |                     |

|                                                                                     |                   |                                               |                          |                          |                        |                                   |                     |                     |
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|  |                   | <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            | 140321 (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: LK4938</b> |                     |                  |                        | <b>MAJORSELL REBUILD: 66A186R</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>  |
| 88mm                                                                              | Non-Through       | Water Cooled                       |                     | Flange           | Engine Oil             | 16mm                              | 30mm               | 26mm                 |
| <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> | <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            |                                    |                     |                  |                        |                                   |                    |                      |
| <b>Rings</b>                                                                      | A66RK010          |                                    |                     |                  |                        |                                   |                    |                      |
| <b>Head</b>                                                                       | 220401            | 220604(Comp)                       |                     |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>    | 220069               |
| <b>Crankshaft</b>                                                                 | 220214            |                                    |                     |                  | <b>Front end Cover</b> |                                   |                    |                      |
| <b>Bolts</b>                                                                      |                   |                                    |                     |                  |                        |                                   |                    |                      |
| <b>Other Parts</b>                                                                | <b>Sump Plate</b> | <b>O Ring</b>                      | <b>Safety Valve</b> |                  |                        |                                   |                    |                      |
|                                                                                   | 220153 (2)        | RM1250-30V                         | 230051              |                  |                        |                                   |                    |                      |

|                                                                                   |                  |                                    |                   |                              |                        |                                   |                  |                     |
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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               |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                   | <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              |

|                                                                                   |                   |                                    |                   |                  |                        |                           |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|---------------------------|------------------|---------------------|
|  |                   | <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            |                                    |                   |                  |                        |                           |                  |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                               |                   |                  |                        |                                   |                    |                     |
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|  |                 | <b>MAJORSELL PARTS FOR: LK4949 K053603N00</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A267R</b> |                    |                     |
|                                                                                   |                 | <b>Users</b>                                  |                   |                  |                        |                                   |                    |                     |
|                                                                                   |                 | <b>OE</b>                                     | K00958            | K53603           | 1804068                |                                   |                    |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>    | <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>  |                                   | <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>Sump Cover</b>                             | <b>O Ring</b>     | <b>O Ring</b>    | <b>O Ring</b>          | <b>Drive Gear</b>                 |                    |                     |
|                                                                                   |                 | 220471 (2)                                    | 160114            | RM1350-30V       | RM0820-30S             | 220978                            |                    |                     |

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                    |                     |
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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

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                    |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|--------------------|---------------------|
|  |                   | <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: LK4961 K018625</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A140R</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 Cooled                               | 22Kg              | 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>                                                                         | 220424            | 220423 (Comp)                              |                   |                  | <b>Rear end Cover</b>  | 220689                            | <b>Conn Rod</b>    | 220481              |
| <b>Crankshaft</b>                                                                   | 220693            |                                            |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        |                   |                                            |                   |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Sump Cover</b> | <b>Liner Sleeve</b>                        |                   |                  |                        |                                   |                    |                     |
|                                                                                     | 220471            | 020990                                     |                   |                  |                        |                                   |                    |                     |



## KNORR BREMSE LK SERIES

|                                                                                   |                   |                                            |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4961 K053655</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A277R</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       | Oil Cooled                                 | 22kg              | 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              |
| <b>Crankshaft</b>                                                                 | 220693            |                                            |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      |                   |                                            |                   |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Sump Plate</b> | <b>Cylinder Liner</b>                      |                   |                  |                        |                                   |                    |                     |
|                                                                                   | 220471            | 020990                                     |                   |                  |                        |                                   |                    |                     |

|                                                                                   |                   |                                            |                   |                            |                        |                                  |                  |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4963 K019879</b> |                   |                            |                        | <b>MAJORSELL REBUILD: 66A216</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> |
| 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                     |                        |                                  |                  |                     |

|                                                                                     |                          |                                               |                   |                   |                        |                                   |                  |                     |
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|  |                          | <b>MAJORSELL PARTS FOR: LK4969 K031813N00</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A245R</b> |                  |                     |
|                                                                                     |                          | Users                                         | IVECO             |                   |                        |                                   |                  |                     |
|                                                                                     |                          | OE                                            | 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                                                                               | Through                  | Water                                         | 21 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>                                                                         | 220695                   | 220694 (Comp)                                 |                   |                   | <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>                                                                        | 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> |                      |                     |
|                                                                                   |                   | 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                 | 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> |                      |                     |
|                                                                                   |                   | 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                 | 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>      | 220469 (2)          |
| <b>Crankshaft</b>                                                                 | 220468            | 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)             |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK4973</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A286R</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 Cooled                       |                   | 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>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK094          | A66RK094A                          | A66RK094B         | A66RK094C        | A66RK066D              | A66RK094CP                        | A66RK094V          |                     |
| <b>Piston</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>  |                                   | <b>Conn Rod</b>    | 220469 (2)          |
| <b>Crankshaft</b>                                                                   | 220871            |                                    |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                        |                   |                                    |                   |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Sump Plate</b> | <b>Air Intake</b>                  | <b>Water Port</b> |                  |                        |                                   |                    |                     |
|                                                                                     | 220471 (2)        | 220975                             | 190042            |                  |                        |                                   |                    |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                 |                                    |                   |                    |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|--------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                 | <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>      | 220469              |
| <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: LK8901 K015410</b> |                                                                                       |                  |                        | <b>MAJORSELL REBUILD: 66A231R</b> |                    |                     |
|                                                                                     |                   | Users                                      |                                                                                       |                  |                        |                                   |                    |                     |
|                                                                                     |                   | OE                                         | 51541007117, K015410, K005977, K015410, K070986, 51541007205, K082139N00, 51541007232 |                  |                        |                                   |                    |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <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 Cooled                               |                                                                                       | 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>Ess Kit</b>         | <b>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                     | A66RK095          | A66RK065A                                  | A66RK095B                                                                             | A66RK065C        |                        | A66RK065CP                        | A66RK065V1         |                     |
| <b>Piston</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>  |                                   | <b>Conn Rod</b>    | 220044              |
| <b>Crankshaft</b>                                                                   | 220474            |                                            |                                                                                       |                  | <b>Front end Cover</b> | 220475                            |                    |                     |
| <b>Bolts</b>                                                                        |                   |                                            |                                                                                       |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                  | <b>Drive Gear</b> | <b>Drive Gear</b>                          | <b>Safety Valve</b>                                                                   |                  |                        |                                   |                    |                     |
|                                                                                     | 220487            | 220476                                     | 230051                                                                                |                  |                        |                                   |                    |                     |

## KNORR BREMSE LK SERIES

|                                                                                   |                     |                                               |                   |                  |                        |                                   |                      |                     |
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|  |                     | <b>MAJORSELL PARTS FOR: LK8902 K025822N00</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A292R</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 Cooled                                  | 17.5Kg            | Side             | Engine Oil             | 16mm                              | Flange               | 26mm                |
| <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> |                     |
|                                                                                   | 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>                                                                       | 220632              | 220631 (Comp)                                 |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220044              |
| <b>Crankshaft</b>                                                                 | 220474              |                                               |                   |                  | <b>Front end Cover</b> | 220223                            |                      |                     |
| <b>Bolts</b>                                                                      |                     |                                               |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Safety Valve</b> | <b>Drive Gear</b>                             |                   |                  |                        |                                   |                      |                     |
|                                                                                   | 230051              | 220476                                        |                   |                  |                        |                                   |                      |                     |

|                                                                                   |                   |                                               |                   |                  |                        |                                   |                      |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK8905 K040960N00</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A139R</b> |                      |                     |
|                                                                                   |                   | <b>Users</b>                                  |                   |                  |                        |                                   |                      |                     |
|                                                                                   |                   | <b>OE</b>                                     | 4909170           |                  |                        |                                   |                      |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <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 Cooled                                  |                   | Flange           | Engine Oil             | 16mm                              | 26mm                 | 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> |                     |
|                                                                                   | A66RK076          | A66RK076A                                     | A66RK076B         | A66RK076C        | A66RK058D              | A66RK076V                         | A66RK076CP           |                     |
| <b>Piston</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>                                                                       | 220739            | 220738 (Comp)                                 |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220044              |
| <b>Crankshaft</b>                                                                 | 220764            |                                               |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      |                   |                                               |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>Cylinder Liner</b>                         |                   |                  |                        |                                   |                      |                     |
|                                                                                   | 220271            | 020997                                        |                   |                  |                        |                                   |                      |                     |

|                                                                                     |                   |                                               |                   |                          |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK8907 K093377N00</b> |                   |                          |                        | <b>MAJORSELL REBUILD: 66A274R</b> |                    |                     |
|                                                                                     |                   | <b>Users</b>                                  | Volvo             |                          |                        |                                   |                    |                     |
|                                                                                     |                   | <b>OE</b>                                     | 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 LK SERIES

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|  |                 | <b>MAJORSELL PARTS FOR: LK8914</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A294R</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                                                                              |                 | Water Cooled                       |                   | Flange           | Engine Oil             | M16                               | 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>Valve Plate</b>                | <b>Cooling Plate</b> |                     |
|                                                                                   | A66RK076        | A66RK076A                          | A66RK076B         | A66RK076C        | A66RK058D              | A66RK076V                         | A66RK076CP           |                     |
| <b>Piston</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>                                                                       | 220880          | 220879                             |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>      | 220044              |
| <b>Crankshaft</b>                                                                 | 220931          |                                    |                   |                  | <b>Front end Cover</b> |                                   |                      |                     |
| <b>Bolts</b>                                                                      |                 |                                    |                   |                  |                        |                                   |                      |                     |
| <b>Other Parts</b>                                                                |                 |                                    |                   |                  |                        |                                   |                      |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                    |                     |
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|  |                   | <b>MAJORSELL PARTS FOR: LK8922</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A289R</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                                                                              | Non-Through       | Water Cooled                       |                   | 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>Cooling Plate</b>              | <b>Valve Plate</b> |                     |
|                                                                                   | A66RK102          | A66RK102A                          | A66RK102B         | A66RK102C        | A66RK042D              |                                   | 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>                                                                       | 220895            | 220896 (Comp)                      |                   |                  | <b>Rear end Cover</b>  | 220457                            | <b>Conn Rod</b>    | 220044              |
| <b>Crankshaft</b>                                                                 | 220805            |                                    |                   |                  | <b>Front end Cover</b> |                                   |                    |                     |
| <b>Bolts</b>                                                                      |                   |                                    |                   |                  |                        |                                   |                    |                     |
| <b>Other Parts</b>                                                                | <b>Sump Plate</b> |                                    |                   |                  |                        |                                   |                    |                     |
|                                                                                   | 220271            |                                    |                   |                  |                        |                                   |                    |                     |

## 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            | 020165K1                     |                        |                                   |                  |                     |

|                                                                                   |                      |                                    |                   |                           |                        |                                   |                  |                     |
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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                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                             |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-----------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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                            |                   |                  |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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              | 140321 (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: 66A298R</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>                                                                 |                   | 140321 (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

|                                                                                   |                   |                                    |                   |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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        |                  |                        |                                   |                  |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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       |                     |

|                                                                                     |                 |                                    |                          |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------|------------------------------------|--------------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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

|                                                                                   |                   |                                    |                          |                  |                          |                                   |                     |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|--------------------------|------------------|--------------------------|-----------------------------------|---------------------|---------------------|
|  |                   | <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              |                     |

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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             |                                   |                  |                     |

|                                                                                     |                              |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                              | <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>                                                                      | A66RK027          | 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              | 140321 (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            | 140321 (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        |                     |

|                                                                                   |                 |                                    |                   |                             |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|-----------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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)                  |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <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                       |                        |                                   |                  |                     |

|                                                                                     |                 |                                    |                   |                  |                        |                                   |                  |                     |
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|  |                 | <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       |                        |                                   |                      |                     |

|                                                                                   |                   |                                    |                   |                              |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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       |                        |                                   |                  |                     |

|                                                                                   |                              |                                    |                   |                  |                        |                                   |                      |                     |
|-----------------------------------------------------------------------------------|------------------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|----------------------|---------------------|
|  |                              | <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                 |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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

|                                                                                   |                 |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-----------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                 | <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             |                                   |                      |                     |

|                                                                                     |                   |                                    |                   |                    |                        |                                   |                      |                     |
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|  |                   | <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              |

|                                                                                     |                              |                                    |                   |                  |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|------------------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                              | <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              |                  |                         |                                   |                  |                     |

|                                                                                     |                       |                                    |                   |                          |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|-----------------------|------------------------------------|-------------------|--------------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                       | <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

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|  |                   | <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)                        |                  |                     |

|                                                                                     |                   |                                    |                   |                     |                        |                                   |                  |                     |
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|  |                   | <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               | II38779                           |                  |                     |
| <b>Bore</b>                                                                         | <b>Drive</b>      | <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                        |                  |                     |

|                                                                                   |                   |                                    |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <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             |                                   |                  |                     |

|                                                                                     |                  |                                                |                   |                   |                        |                                   |                  |                     |
|-------------------------------------------------------------------------------------|------------------|------------------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                  | <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

|                                                                                   |                  |                                                |                   |                   |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|------------------|------------------------------------------------|-------------------|-------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                  | <b>MAJORSELL PARTS FOR: LS3907 K071325N004</b> |                   |                   |                        | <b>MAJORSELL REBUILD: 66A257R</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                                          | 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        |                   |                        |                                   |                  |                     |

|                                                                                   |                   |                                               |                   |                  |                        |                                   |                  |                     |
|-----------------------------------------------------------------------------------|-------------------|-----------------------------------------------|-------------------|------------------|------------------------|-----------------------------------|------------------|---------------------|
|  |                   | <b>MAJORSELL PARTS FOR: LS4903 K173752N00</b> |                   |                  |                        | <b>MAJORSELL REBUILD: 66A287R</b> |                  |                     |
|                                                                                   |                   | Users                                         |                   |                  |                        |                                   |                  |                     |
|                                                                                   |                   | OE                                            | 2477703           |                  |                        |                                   |                  |                     |
| <b>Bore</b>                                                                       | <b>Drive</b>      | <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 Cooled                                  | 29kg              | 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>              |                  |                     |
|                                                                                   | A66RK108          | A66RK108A                                     | A66RK108B         | A66RK108C        | A66RK108V              | 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            |                                               |                   |                  |                        |                                   |                  |                     |
| <b>Rings</b>                                                                      | A66RK030          |                                               |                   |                  |                        |                                   |                  |                     |
| <b>Head</b>                                                                       | 220670            | 221043 (Comp)                                 |                   |                  | <b>Rear end Cover</b>  |                                   | <b>Conn Rod</b>  | 220481              |
| <b>Crankshaft</b>                                                                 |                   |                                               |                   |                  | <b>Front end Cover</b> |                                   |                  |                     |
| <b>Bolts</b>                                                                      |                   |                                               |                   |                  |                        |                                   |                  |                     |
| <b>Other Parts</b>                                                                | <b>Base Plate</b> | <b>Lip Seal</b>                               | <b>O Ring</b>     |                  |                        |                                   |                  |                     |
|                                                                                   | 220271            | 160114                                        | RM1350-30V        |                  |                        |                                   |                  |                     |

## 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

|                                                                                   |                              |                                      |                          |                  |                        |                                   |                   |                     |
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|  |                              | <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>                                                                |                 |                                    |                   |                  |                        |                           |                  |                     |

|                                                                                   |                   |                                    |                      |                  |                        |                                   |                  |                     |
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|  |                   | <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>                                                                  |                 |                                     |                   |                  |                        |                           |                  |                     |

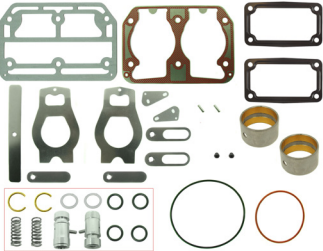
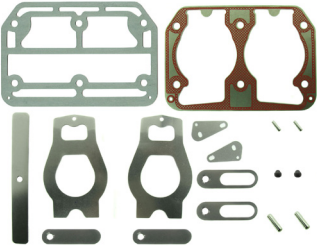
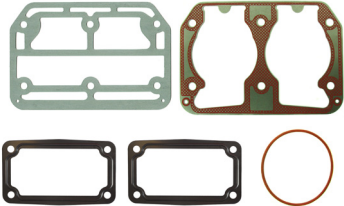
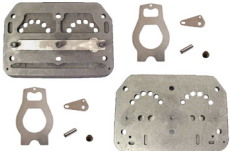


## REPAIR KITS

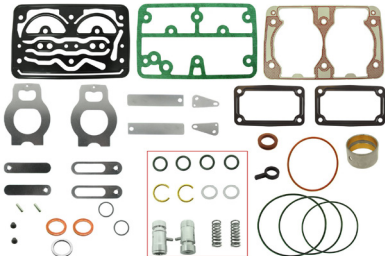
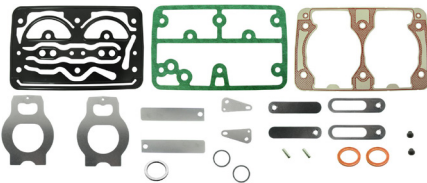
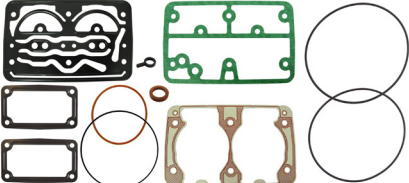
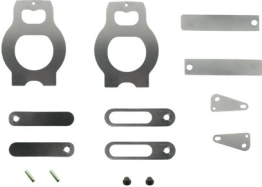
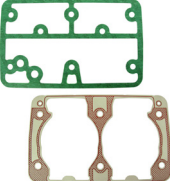
### A66RK001

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

### A66RK004

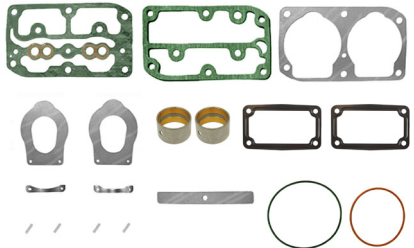
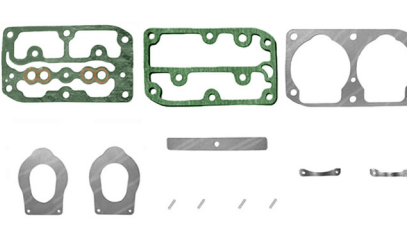
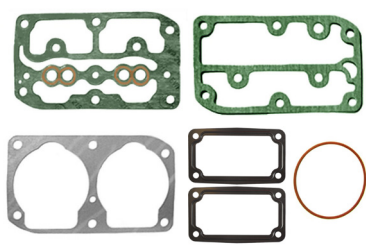
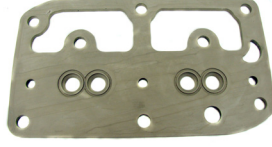
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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|   |  |  |                                                                                      |
| 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

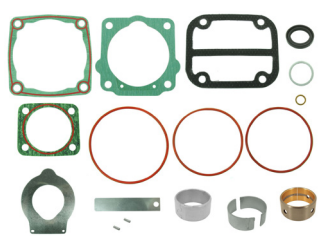
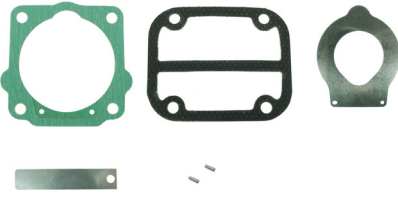
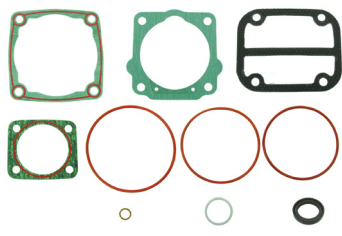
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|  |  |  |                                                                                       |
| Full Kit: <b>A66RK005</b>                                                           | Head Kit: <b>A66RK005A</b>                                                           | 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

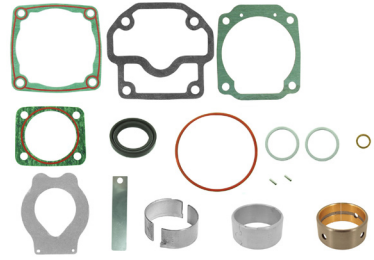
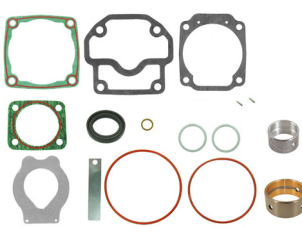
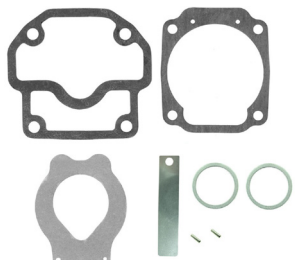
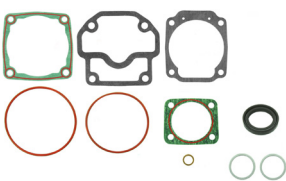
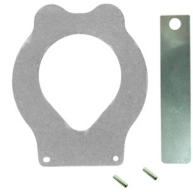
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|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| 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>                                                       |                                                                                      |  |

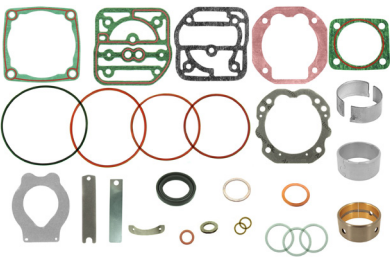
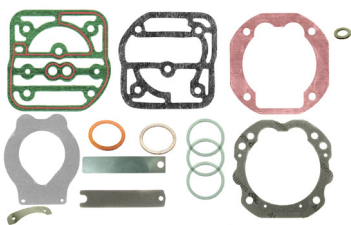
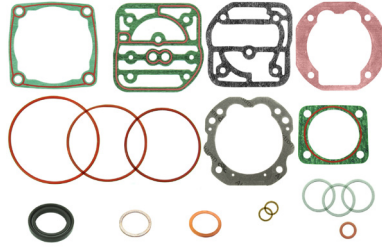
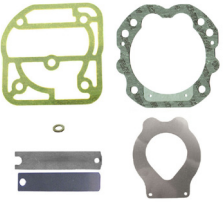
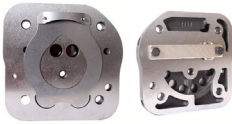
### A66RK009

### A66RK017

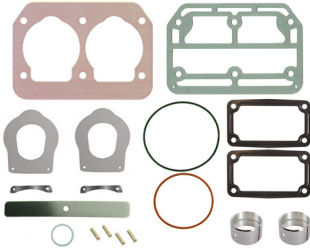
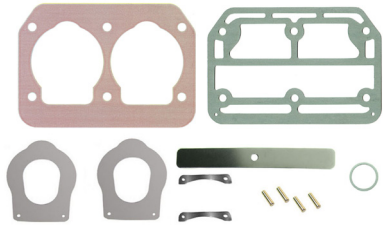
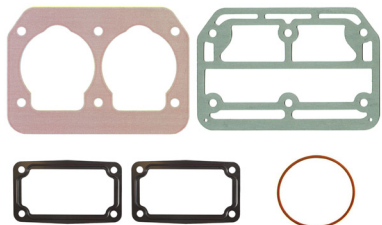
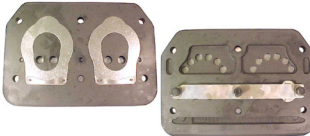
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
|  |  |  |  |
| 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

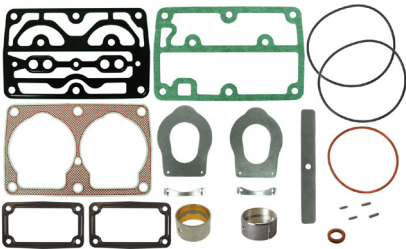
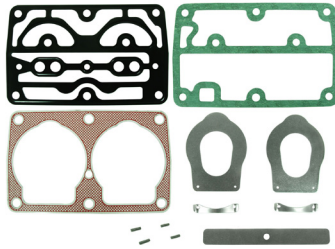
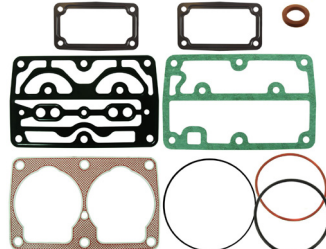
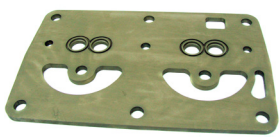
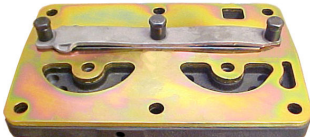
### A66RK020

|                                                                                   |                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |                                                                                   |  |  |
| 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>                                                         |

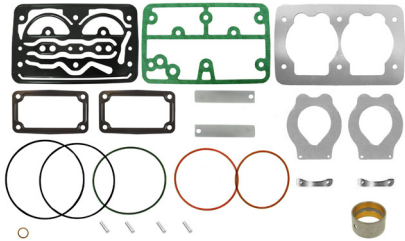
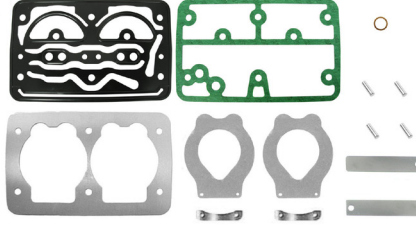
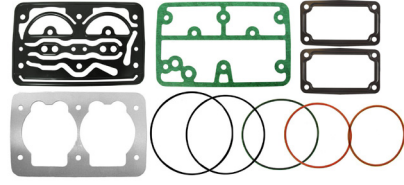
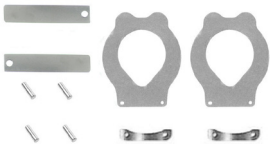
### A66RK033

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |                                                                                     |   |  |
| 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>                                                           | Ess Kit: <b>A66RK033V2</b>                                                            |

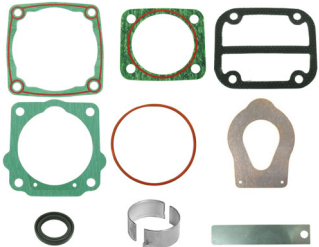
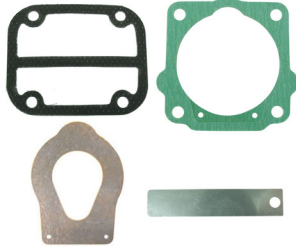


## REPAIR KITS

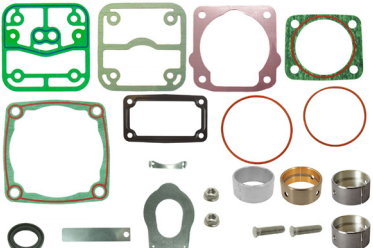
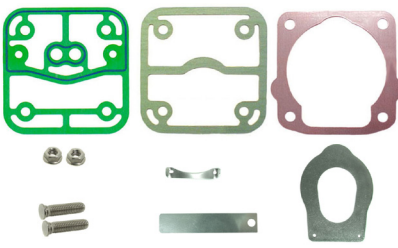
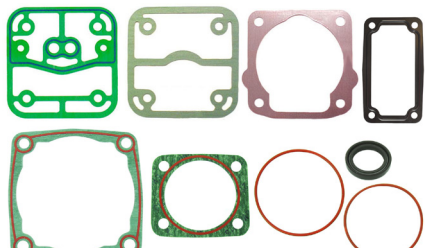
### A66RK034

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 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>                                                         |

**A66RK039**

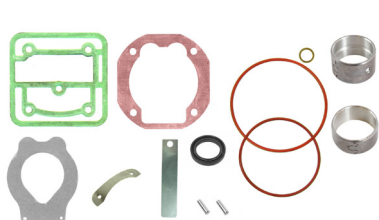
**A66RK041**

A66RK042

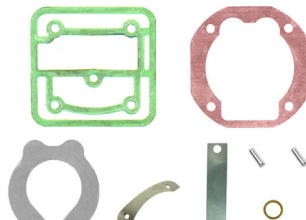
Original names & part numbers are used for reference only. All parts offered are Majorsell brand and may not be of an original supply. Majorsell kit content may be different to the original. Check all applications. Check our web site for suitability of these and other parts, or contact us directly.

## REPAIR KITS

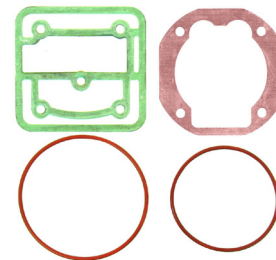
**A66RK043**



**Full Kit: A66RK043**



**Head Kit: A66RK043A**



**Gasket Kit: A66RK043B**

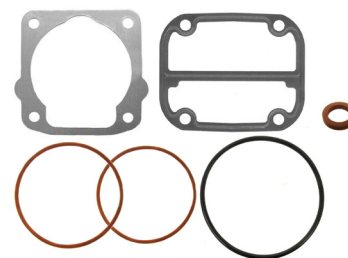
**A66RK044**



**Full Kit: A66RK044**



**Head Kit: A66RK044A**

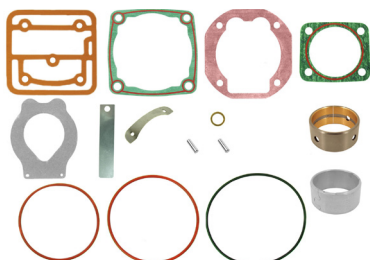


**Gasket Kit: A66RK044B**

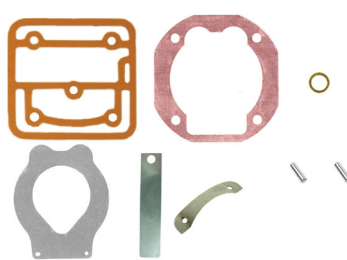
Valve Kit: **A66RK044C**

Valve Plate: **A66RK044V**

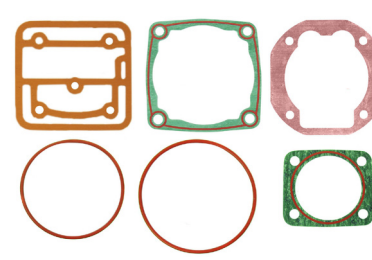
**A66RK045**



**Full Kit: A66RK045**



Head Kit: **A66RK045A**



**Gasket Kit: A66RK045B**

Valve Plate: **A66RK045V**

Valve Plate: A66RK045V1

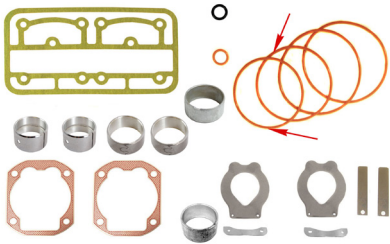
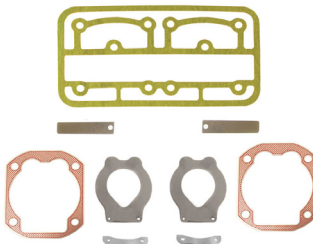
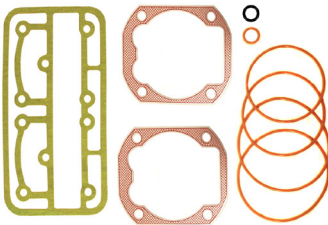
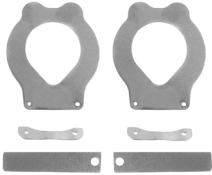


**A66RK046**

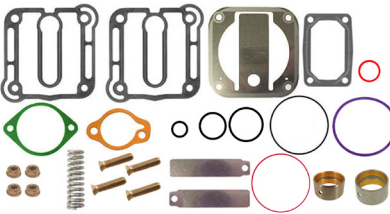
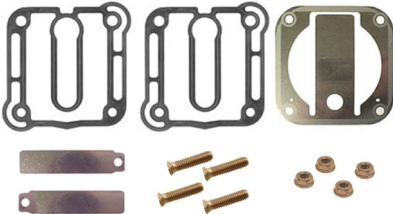
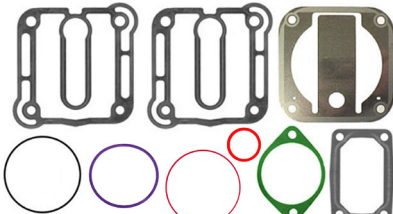
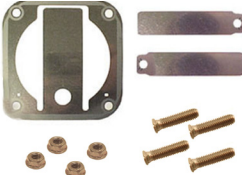


## REPAIR KITS

### A66RK057

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 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

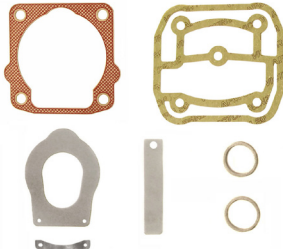
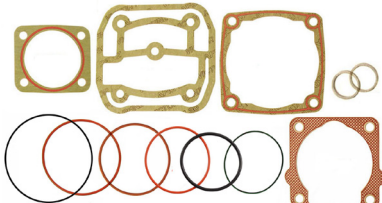
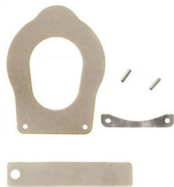
|                                                                                     |                                                                                     |                                                                                      |                                        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

### A66RK059

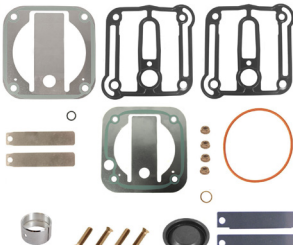
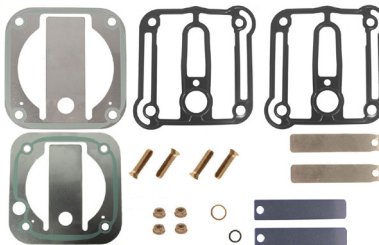
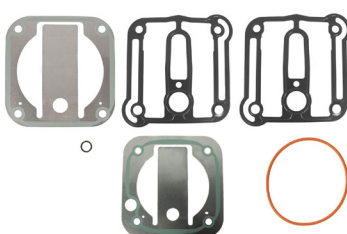
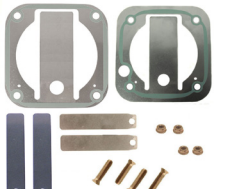
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## REPAIR KITS

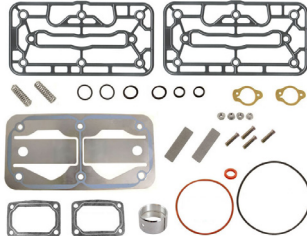
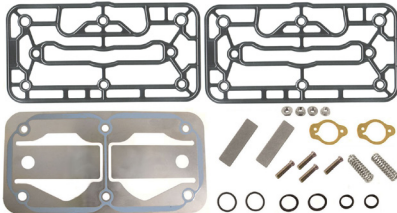
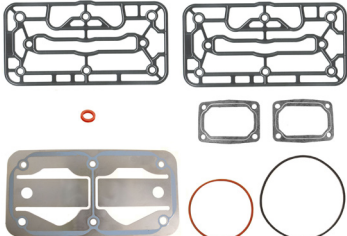
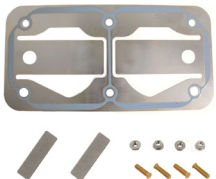
### A66RK064

|                                                                                   |                                                                                   |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| 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

|                                                                                     |                                                                                     |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|   |   |  |                                                                                       |
| 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>                                                        |

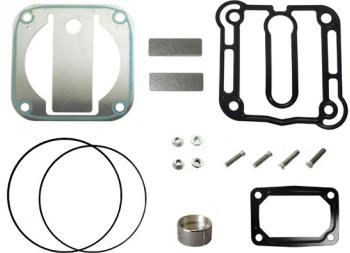
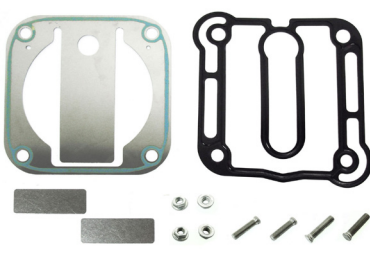
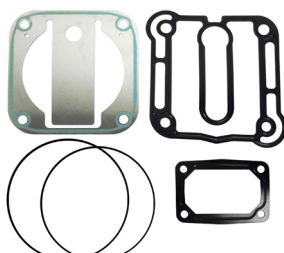
### A66RK066

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| 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>                                                         |

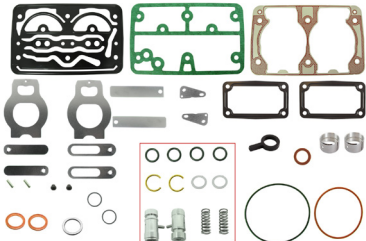
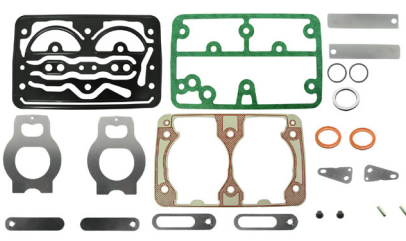


## REPAIR KITS

### A66RK067

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

### A66RK069

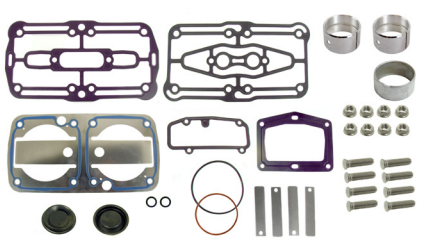
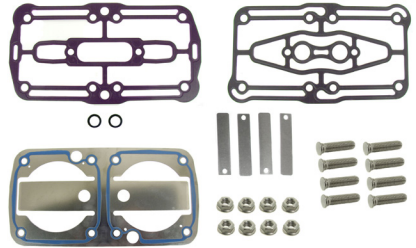
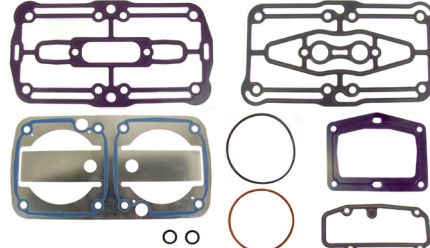
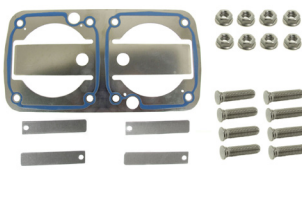
|                                                                                     |                                                                                    |  |  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|--|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

### A66RK070

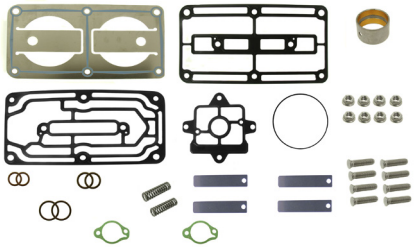
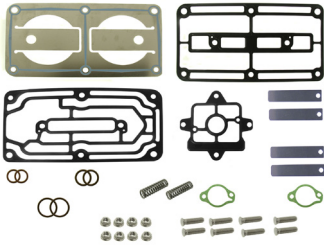
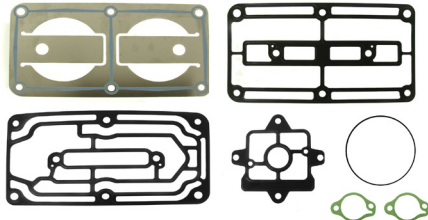
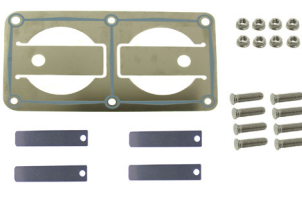
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## REPAIR KITS

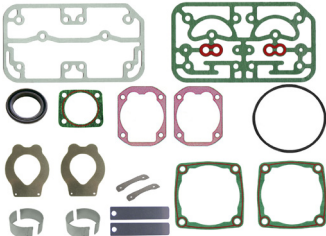
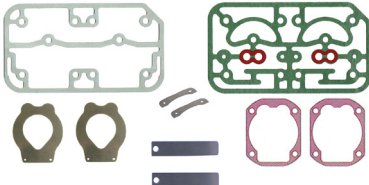
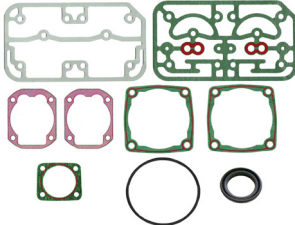
### A66RK072

|                                                                                   |                                                                                    |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 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>                                                       |
|                                                                                   |                                                                                    |  |
|                                                                                   |                                                                                    | Cooling Plate: <b>A66RK072CP</b>                                                    |

### A66RK073

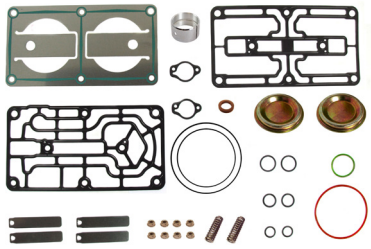
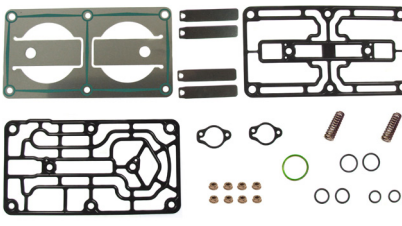
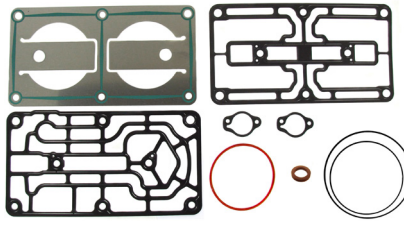
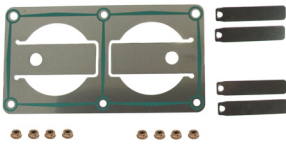
|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|-----------------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

### A66RK074

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

## REPAIR KITS

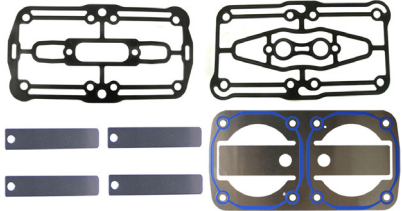
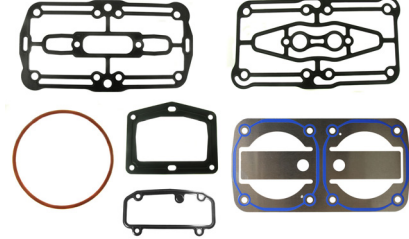
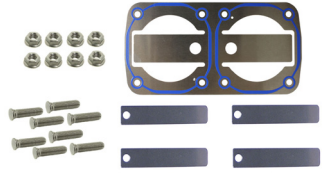
### A66RK075

|                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |                                                                                     |
| 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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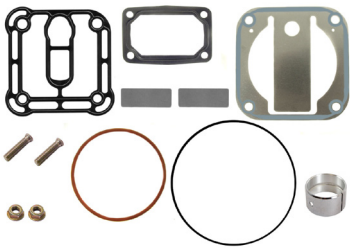
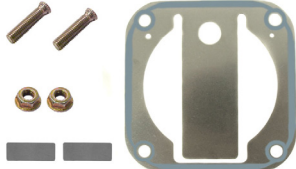
### A66RK078

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

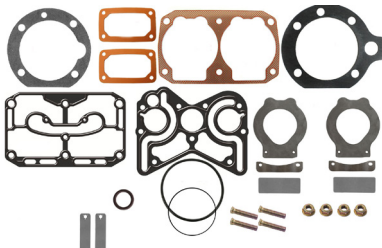
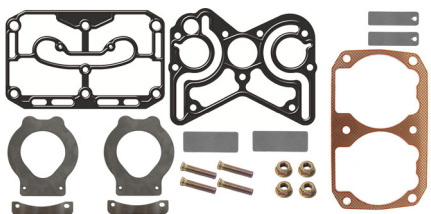
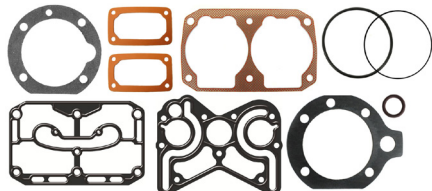


## REPAIR KITS

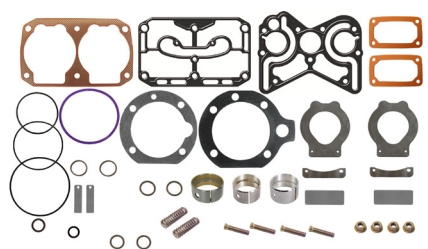
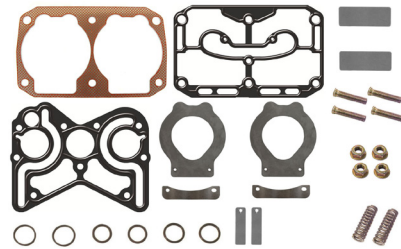
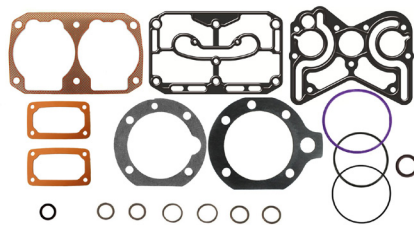
### A66RK090

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

### A66RK091

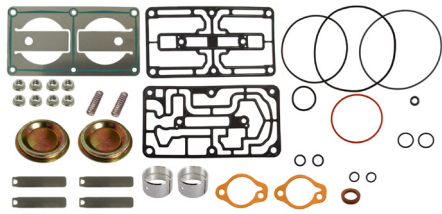
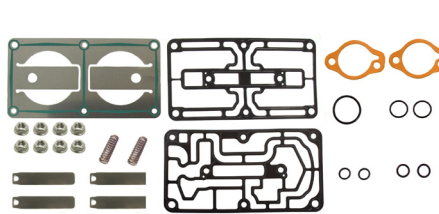
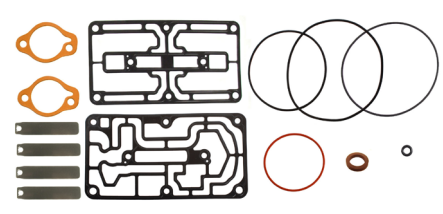
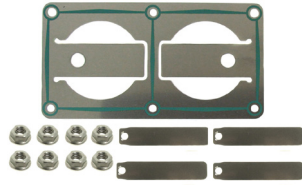
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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|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

### A66RK092

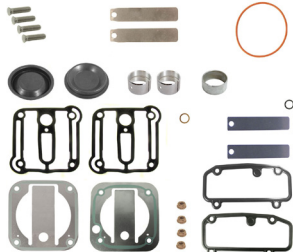
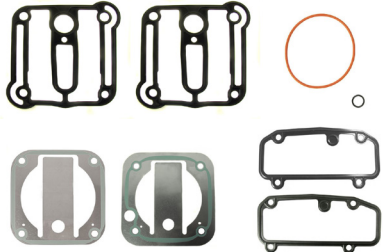
|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| 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

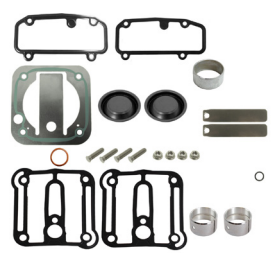
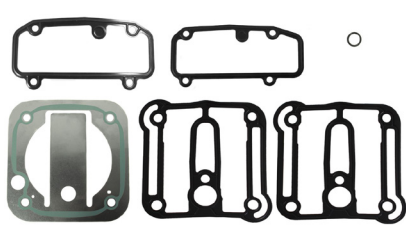
### A66RK094

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|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| 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

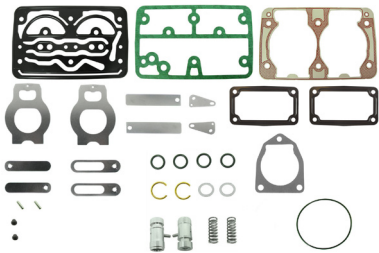
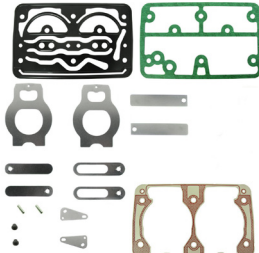
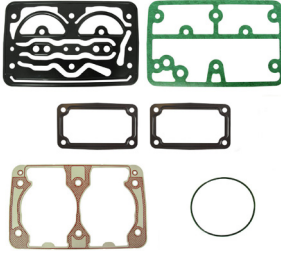
|                                                                                    |  |                                                                                      |
|------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|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

### A66RK096

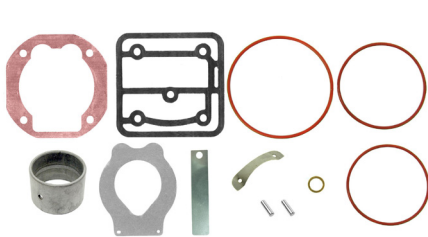
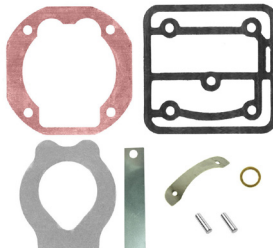
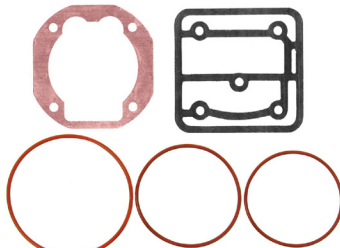
|                                                                                     |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|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

## REPAIR KITS

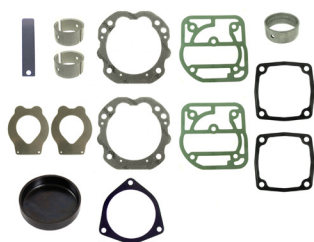
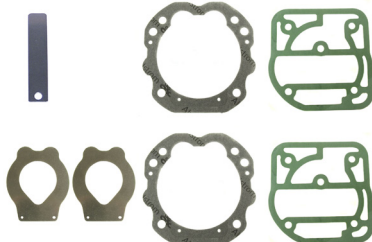
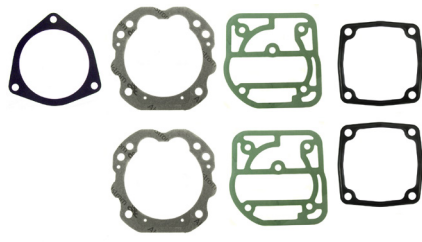
### A66RK098

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

### A66RK099

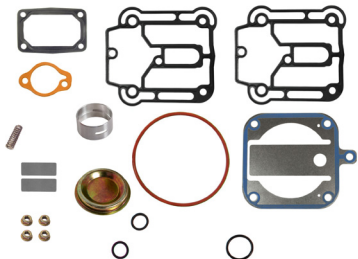
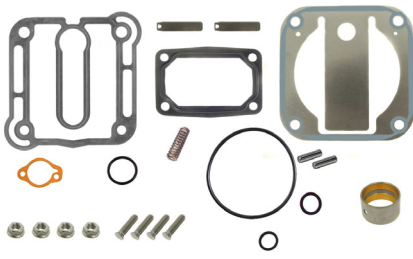
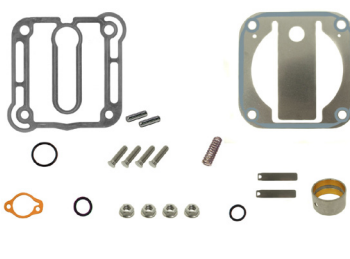
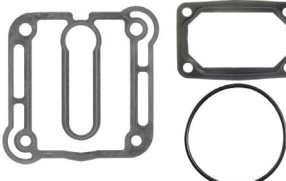
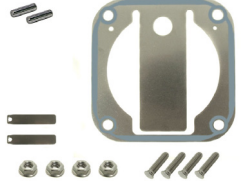
|                                                                                     |                                                                                    |                                                                                      |
|-------------------------------------------------------------------------------------|-----------------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

### A66RK100

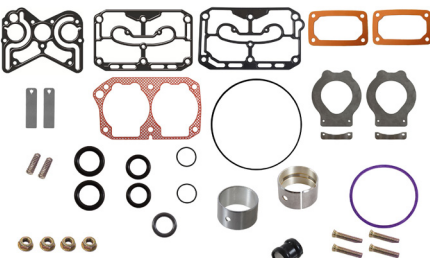
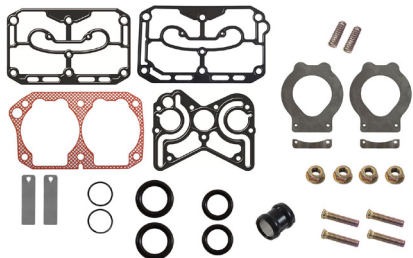
|                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|---------------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

## REPAIR KITS

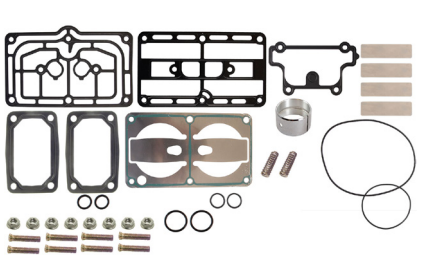
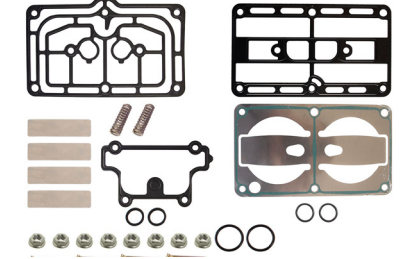
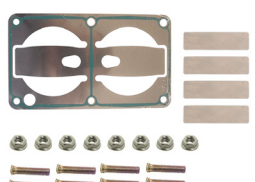
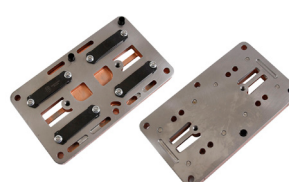
### A66RK101

|                                                                                   |                                                                                    |                                                                                     |  |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
|  |  |  |  |
| 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>                                                          |                                                                                     |  |

### A66RK103

|                                                                                    |                                                                                     |                                                                                       |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |                                                                                       |
| Full Kit: <b>A66RK0103</b>                                                         | Head Kit: <b>A66RK0103A</b>                                                         |                                                                                       |
|                                                                                    |                                                                                     |   |
|                                                                                    |                                                                                     | Valve Plate: <b>A66RK0103V</b>                                                        |
|                                                                                    |                                                                                     |  |
|                                                                                    |                                                                                     | Cooling Plate: <b>A66RK0103CP</b>                                                     |

### A66RK104

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| Full Kit: <b>A66RK0104</b>                                                          | Head Kit: <b>A66RK0104A</b>                                                          | Valve Plate: <b>A66RK0104V</b>                                                        |                                                                                       |
|  |   |   |  |
| Valve Kit: <b>A66RK0104C</b>                                                        | Ess Kit: <b>A66RK0104D</b>                                                           | Valve Plate: <b>A66RK0104V1</b>                                                       | Cooling Plate: <b>A66RK0104CP1</b>                                                    |



# A66RK105

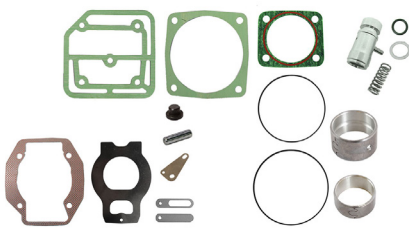
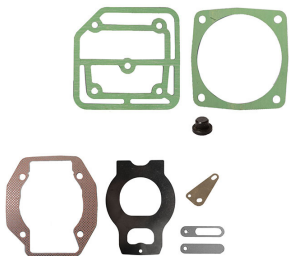
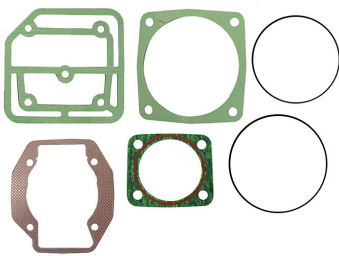
**A66RK106**

## A66RK107 & A66RK108

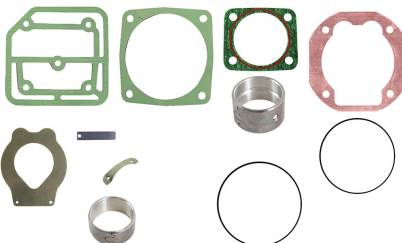
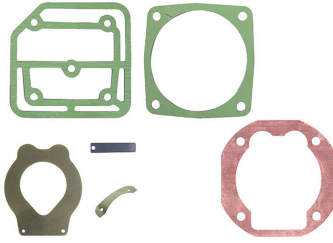
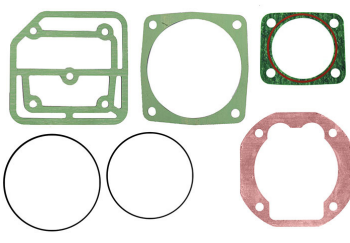
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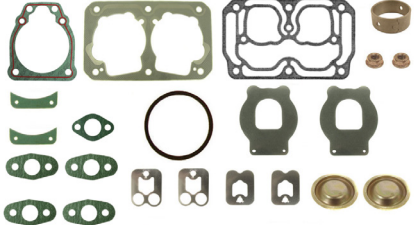
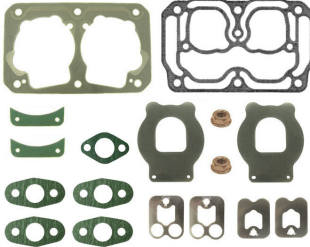
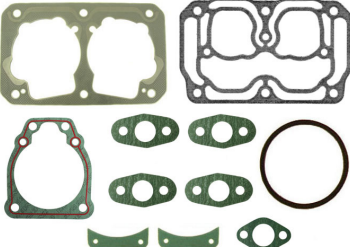
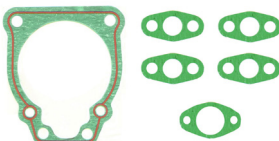
### A66RK109

|                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| Full Kit: <b>A66RK109</b>                                                         | Head Kit: <b>A66RK109A</b>                                                        | Gasket Kit: <b>A66RK109B</b>                                                        |
|  |                                                                                   |                                                                                     |
| Valve Kit: <b>A66RK109C</b>                                                       |                                                                                   |                                                                                     |
|                                                                                   |                                                                                   |  |
|                                                                                   |                                                                                   | Mounting Kit: <b>A66RK109V</b>                                                      |

### A66RK110

|                                                                                     |                                                                                     |                                                                                      |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
|   |   |  |  |
| Full Kit: <b>A66RK110</b>                                                           | Head Kit: <b>A66RK110A</b>                                                          | Gasket Kit: <b>A66RK110B</b>                                                         |  |
|  |  |                                                                                      |  |
| Valve Kit: <b>A66RK110C</b>                                                         | Valve Plate: <b>A66RK110V</b>                                                       |                                                                                      |  |

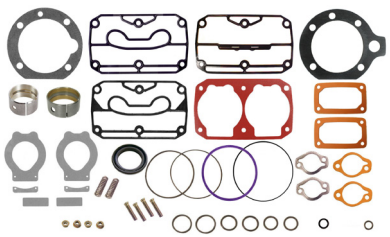
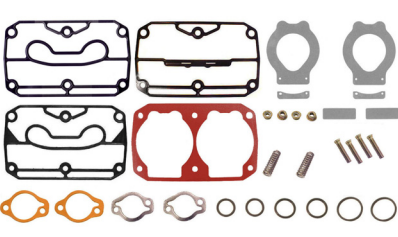
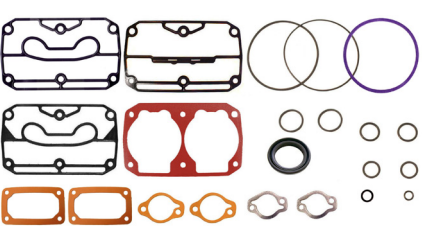
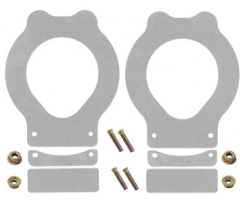
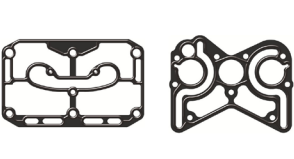
### A67RK050

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |                                                                                       |
| 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>                                                        |

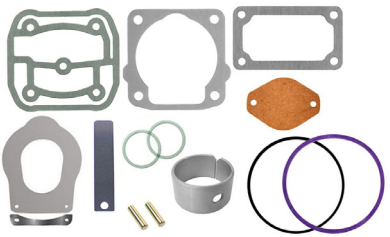
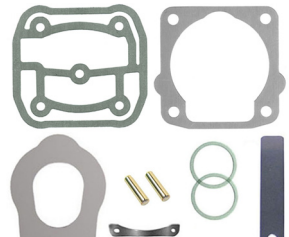
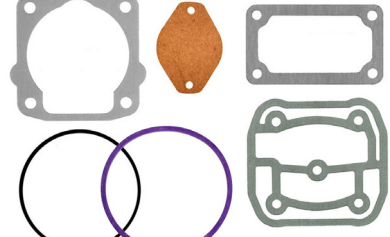


## REPAIR KITS

### 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 Plate: <b>A68RK115V</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>                                                       |  | Valve Plate: <b>A68RK115V</b>                                                       |  | Valve Plate: <b>A68RK115V</b>                                                       |  |

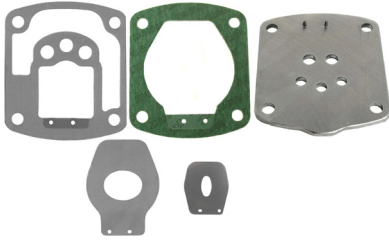
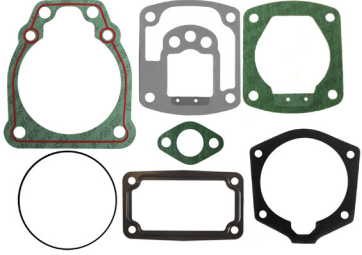
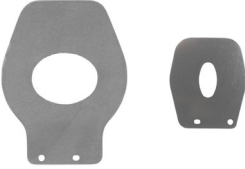
### A68RK118

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

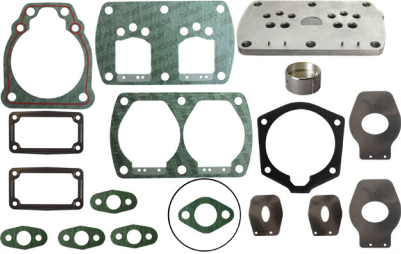
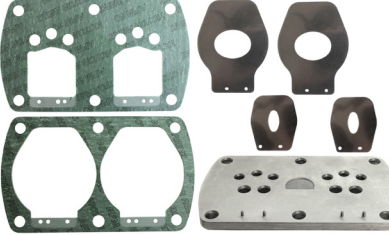
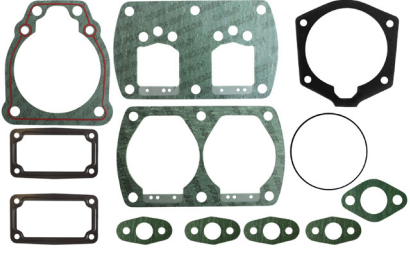
## REPAIR KITS

## MARELLI REPAIR KITS

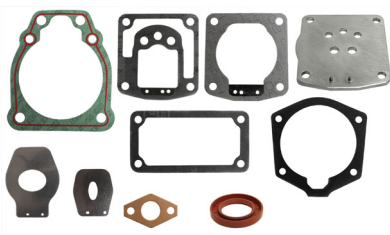
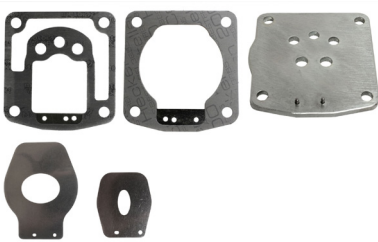
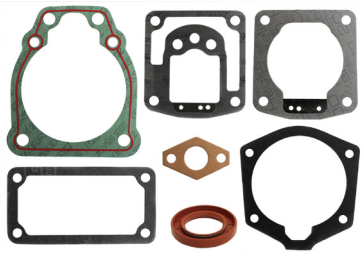
### A78RK001

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

### A78RK007

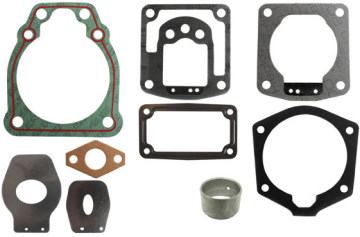
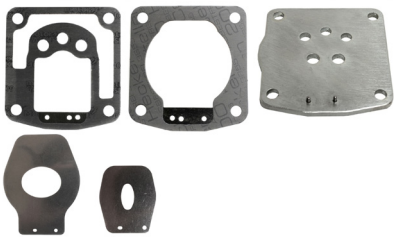
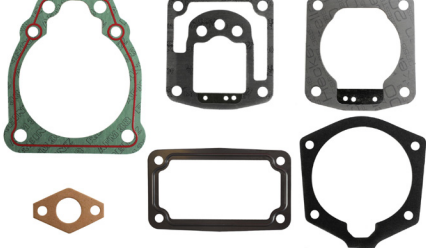
|                                                                                     |  |                                                                                    |  |                                                                                       |  |
|-------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|   |  |  |  |   |  |
| 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

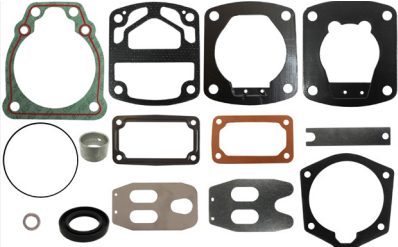
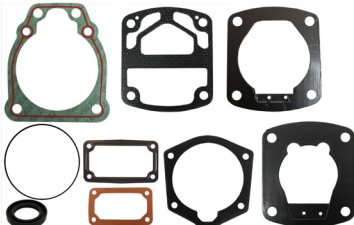
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|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|
|  |  |  |  |  |  |
| 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

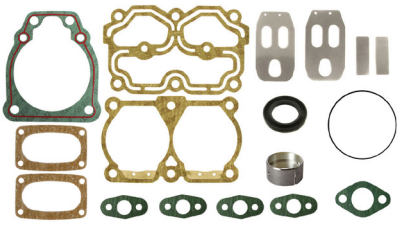
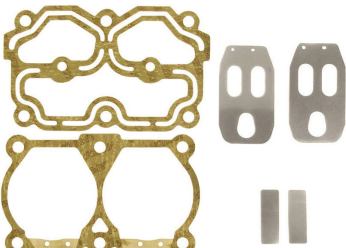
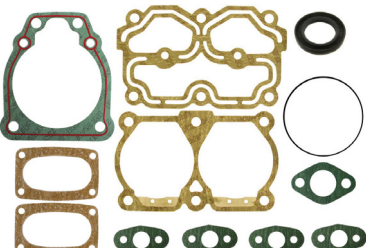
### A78RK014

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

### A78RK019

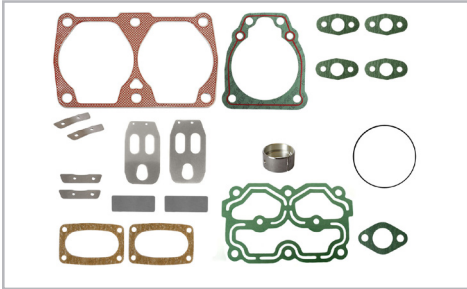
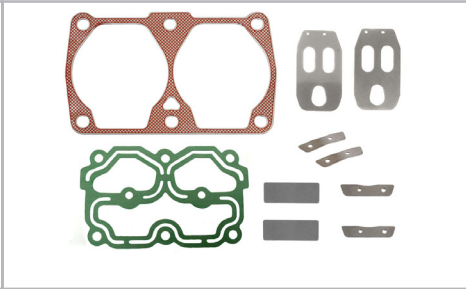
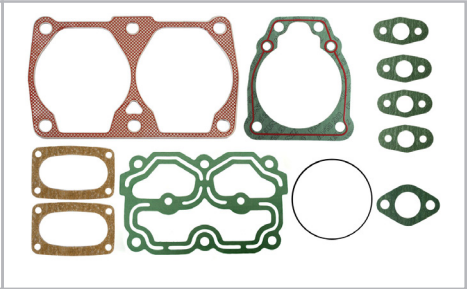
|                                                                                    |                                                                                    |                                                                                       |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |   |
| 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

|                                                                                  |  |  |  |                                                                                    |  |  |  |                                                                                     |  |  |  |
|----------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------|--|--|--|-------------------------------------------------------------------------------------|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |
| Full Kit: <b>A78RK022</b>                                                        |  |  |  | Head Kit: <b>A78RK022A</b>                                                         |  |  |  | Gasket Kit: <b>A78RK022B</b>                                                        |  |  |  |
|                                                                                  |  |  |  |                                                                                    |  |  |  |                                                                                     |  |  |  |
|                                                                                  |  |  |  |                                                                                    |  |  |  |                                                                                     |  |  |  |





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