

# **Atlas Copco**

## **Oil-free rotary tooth compressors**



**ZR 30, ZR 37, ZR 45, ZT 30, ZT 37, ZT 45**

**Parts list**





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## Service kits

| Ref. | Part number    | Qty | Name                            | Remarks |
|------|----------------|-----|---------------------------------|---------|
|      |                | 1   | <b>Oil</b>                      |         |
|      | 2908 8503 00   |     | ROTO-Z 5 Litres                 |         |
|      | 2908 8501 01   |     | ROTO-Z 20 Litres                |         |
|      | 2908 8500 00   |     | ROTO-Z 209 Litres               |         |
|      |                | 1   | <b>Air/oil filter kit</b>       |         |
|      | 0661 1000 62 • | 1   | Sealing washer                  |         |
|      | 1614 8747 00 • | 1   | Oil filter element              |         |
|      | 1613 7407 00 • | 1   | Air filter element              |         |
|      | 0661 1000 39 • | 1   | Seal washer                     |         |
|      | 9820 5631 00 • | 1   | Instruction                     |         |
|      |                | 1   | <b>Inlet valve service kit</b>  |         |
|      | 1613 4036 00 • | 1   | Membrane                        |         |
|      | 1621 1005 00 • | 1   | Diaphragm                       |         |
|      | 0663 2108 16 • | 1   | O-ring                          |         |
|      | 1614 6819 00 • | 1   | Muffler                         |         |
|      | 0661 1000 43 • | 1   | Seal washer                     |         |
|      | 9820 5478 00 • | 1   | Instruction                     |         |
|      |                | 1   | <b>Inlet valve overhaul kit</b> |         |
|      | 0663 2104 26 • | 1   | O-ring                          |         |
|      | 0335 3114 00 • | 1   | Retaining ring                  |         |
|      | 0500 4510 01 • | 1   | Bushing                         |         |
|      | 0500 4510 27 • | 1   | Bearing                         |         |
|      | 0661 1000 42 • | 4   | Seal washer                     |         |
|      | 1613 5721 00 • | 1   | Spring                          |         |
|      | 1622 1583 00 • | 1   | Valve (inlet)                   |         |
|      | 0661 1000 43 • | 1   | Seal washer                     |         |
|      | 9820 5639 00 • | 1   | Instruction                     |         |
|      |                | 1   | <b>Check valve kit</b>          |         |
|      | 0663 2111 57 • | 2   | O-ring                          |         |
|      | 0663 2107 77 • | 2   | O-ring                          |         |
|      | 1621 3014 00 • | 1   | Spring                          |         |
|      | 1614 7368 00 • | 1   | Check valve                     |         |
|      | 9820 5482 00 • | 1   | Instruction                     |         |
|      |                | 1   | <b>Breather kit</b>             |         |
|      | 1624 1633 05 • | 1   | Filter element                  |         |
|      | 1624 1633 09 • | 1   | Filter element                  |         |
|      | 0663 2107 84 • | 1   | O-ring                          |         |
|      | 0663 2107 81 • | 2   | O-ring                          |         |
|      | 9820 4791 00 • | 1   | Instruction                     |         |

## Service kits

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| Ref. | Part number         | Qty      | Name                           | Remarks |
|------|---------------------|----------|--------------------------------|---------|
|      | <b>2901 1108 00</b> | <b>1</b> | <b>Oil pump kit</b>            |         |
|      | 0102 0243 00 •      | 1        | Pin                            |         |
|      | 0661 1000 43 •      | 1        | Seal washer                    |         |
|      | 0663 2106 16 •      | 1        | O-ring                         |         |
|      | 0663 2108 15 •      | 1        | O-ring                         |         |
|      | 1625 7488 00 •      | 1        | Ring                           |         |
|      | 1613 4120 00 •      | 1        | Eccentric ring                 |         |
|      | 1613 4121 00 •      | 1        | Oil pump                       |         |
|      | 1622 1148 00 •      | 2        | Disc spring                    |         |
|      | 0337 0009 52 •      | 1        | Parallel key                   |         |
|      | 0663 3132 00 •      | 1        | O-ring                         |         |
|      | 9820 5469 00 •      | 1        | Instruction                    |         |
|      | <b>2901 1112 00</b> | <b>1</b> | <b>Drive shaft bearing kit</b> |         |
|      | 0502 2110 00 •      | 2        | Ball bearing                   |         |
|      | 0663 2108 39 •      | 1        | O-ring                         |         |
|      | 0663 2106 16 •      | 1        | O-ring                         |         |
|      | 0663 2108 15 •      | 1        | O-ring                         |         |
|      | 0666 6000 20 •      | 1        | Radial lip seal                |         |
|      | 1622 1120 00 •      | 1        | Bushing                        |         |
|      | 0663 2101 55 •      | 1        | O-ring                         |         |
|      | 0663 3132 00 •      | 1        | O-ring                         |         |
|      | 9820 5468 00 •      | 1        | Instruction                    |         |
|      | <b>2901 1866 00</b> | <b>1</b> | <b>LP element exchange kit</b> |         |
|      | 0663 2104 77 •      | 1        | O-ring                         |         |
|      | 0661 1000 40 •      | 1        | Seal washer                    |         |
|      | 0663 2106 12 •      | 1        | O-ring                         |         |
|      | 0211 1407 00 •      | 1        | Cap screw                      |         |
|      | 0663 2102 89 •      | 1        | O-ring                         |         |
|      | 0634 1000 83 •      | 1        | Seal                           |         |
|      | 0663 2104 26 •      | 1        | O-ring                         |         |
|      | 1202 8364 00 •      | 1        | Washer                         |         |
|      | 0634 1000 80 •      | 1        | Seal                           |         |
|      | 9820 5638 00 •      | 1        | Instruction                    |         |
|      | <b>2901 1865 00</b> | <b>1</b> | <b>HP element exchange kit</b> |         |
|      | 0663 2104 76 •      | 1        | O-ring                         |         |
|      | 0663 2104 72 •      | 1        | O-ring                         |         |
|      | 0663 2106 11 •      | 1        | O-ring                         |         |
|      | 0663 2107 77 •      | 1        | O-ring                         |         |
|      | 0634 1000 83 •      | 2        | Seal                           |         |
|      | 0663 2108 00 •      | 1        | O-ring                         |         |
|      | 0663 2106 12 •      | 1        | O-ring                         |         |
|      | 0211 1407 00 •      | 1        | Cap screw                      |         |
|      | 0663 2102 89 •      | 1        | O-ring                         |         |
|      | 0634 1000 80 •      | 1        | Seal                           |         |
|      | 0339 1000 02 •      | 2        | Ring spring                    |         |
|      | 1202 8364 00 •      | 1        | Washer                         |         |
|      | 0663 2106 16 •      | 1        | O-ring                         |         |
|      | 9820 5636 00 •      | 1        | Instruction                    |         |

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## Service kits

| Ref. | Part number         | Qty      | Name                         | Remarks |
|------|---------------------|----------|------------------------------|---------|
|      | <b>2901 1867 00</b> | <b>1</b> | <b>Cooler kit ZT</b>         |         |
|      | 0392 1100 36 •      | 4        | Vibration damper             |         |
|      | 0392 1100 37 •      | 2        | Vibration damper             |         |
|      | 0634 1000 83 •      | 1        | Seal                         |         |
|      | 0663 2102 89 •      | 2        | O-ring                       |         |
|      | 0663 2106 11 •      | 1        | O-ring                       |         |
|      | 9820 5628 00 •      | 1        | Instruction                  |         |
|      | <b>3001 1503 20</b> | <b>1</b> | <b>Cooler kit ZR</b>         |         |
|      | 0686 4201 03 •      | 1        | Plug                         |         |
|      | 0686 3716 01 •      | 2        | Plug                         |         |
|      | 0661 1000 24 •      | 2        | Seal                         |         |
|      | 1614 6256 00 •      | 4        | O-ring                       |         |
|      | 1614 6258 00 •      | 1        | Division rib                 |         |
|      | 1614 6259 00 •      | 1        | Seal                         |         |
|      | 0663 2106 12 •      | 2        | O-ring                       |         |
|      | 9820 7344 04 •      | 1        | Instruction                  |         |
|      |                     |          | <b>Wearing parts EWD 330</b> |         |
|      | <b>2901 0633 20</b> | 2        | Pack                         |         |
|      | <b>2901 0633 20</b> | 3        | Full Feature ID              |         |
|      | <b>2901 0633 20</b> | 4        | Full Feature IMD             |         |
|      |                     | <b>1</b> | <b>Motor bearing kit</b>     |         |
|      | <b>2901 1811 00</b> |          | ZR/ZT 30                     |         |
|      | <b>2901 1812 00</b> |          | ZR/ZT 37                     |         |
|      | <b>2901 1812 00</b> |          | ZR/ZT 45                     |         |
|      | 1622 1136 02        | 8        | Rubber element coupling      |         |
|      | 5112 2165 00        | 2        | Vibration damper gearcasing  |         |
|      | 1619 5189 01        | 1        | Vibration damper motor       |         |

## Service kits

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| Ref. | Part number         | Qty | Name                                                                | Remarks |
|------|---------------------|-----|---------------------------------------------------------------------|---------|
|      | <b>2901 1122 00</b> |     | <b>Preventive maintenance kit (A)<br/>Service Plan A - 4000hrs</b>  |         |
|      | 2901 1105 00 •      | 1   | Air/oil filter kit                                                  |         |
|      | 2901 1115 00 •      | 1   | Breather kit                                                        |         |
|      | <b>2901 1874 00</b> |     | <b>Preventive maintenance kit (B)<br/>Service Plan B - 8000hrs</b>  | 1)      |
|      | 2901 1122 00 •      | 1   | Preventive maintenance kit (A)                                      |         |
|      | 2901 1101 00 •      | 1   | Inlet valve service kit                                             |         |
|      | <b>2901 1601 00</b> |     | <b>Preventive maintenance kit IMD<br/>8000hrs</b>                   |         |
|      | 1617 5143 00 •      | 1   | Strainer                                                            |         |
|      | 1617 5126 10 •      | 1   | Demister                                                            |         |
|      | 1617 5380 08 •      | 1   | Seal ring                                                           |         |
|      | 0663 2111 67 •      | 1   | O-ring                                                              |         |
|      | 0663 2105 97 •      | 1   | O-ring                                                              |         |
|      | 0301 2358 00 •      | 2   | Washer                                                              |         |
|      | 9820 4864 00 •      | 1   | Instruction                                                         |         |
|      | <b>2901 1883 00</b> |     | <b>Preventive maintenance kit (C)<br/>Service Plan C - 16000hrs</b> | 1)      |
|      | 2901 1874 00 •      | 1   | Preventive maintenance kit (B)                                      | 1)      |
|      | 2901 1864 00 •      | 1   | Check valve kit                                                     |         |
|      | 2901 1104 00 •      | 1   | Inlet valve overhaul kit                                            |         |
|      | 1622 1136 02 •      | 8   | Rubber element coupling                                             |         |
|      | <b>2901 1889 00</b> |     | <b>Preventive maintenance kit (D)<br/>Service Plan D - 40000hrs</b> | 1) 2)   |
|      | 2901 1883 00 •      | 1   | Preventive maintenance kit (C)                                      | 1)      |
|      | 2901 1108 00 •      | 1   | Oil pump kit                                                        |         |
|      | 2901 1865 00 •      | 1   | HP element exchange kit                                             |         |
|      | 2901 1866 00 •      | 1   | LP element exchange kit                                             |         |
|      | 2901 1112 00 •      | 1   | Drive shaft bearing kit                                             |         |
|      | 1616 7275 81        | 1   | LP element                                                          |         |
|      | 1616 7271 81        | 1   | HP element                                                          |         |

- 1) Wearing parts for EWD 330 are not included in the Preventive maintenance kit.  
They need to be ordered separately depending on the number of EWD 330 installed.
- 2) Vibration dampers are not included in the Preventive maintenance kit.  
They need to be ordered separately.