

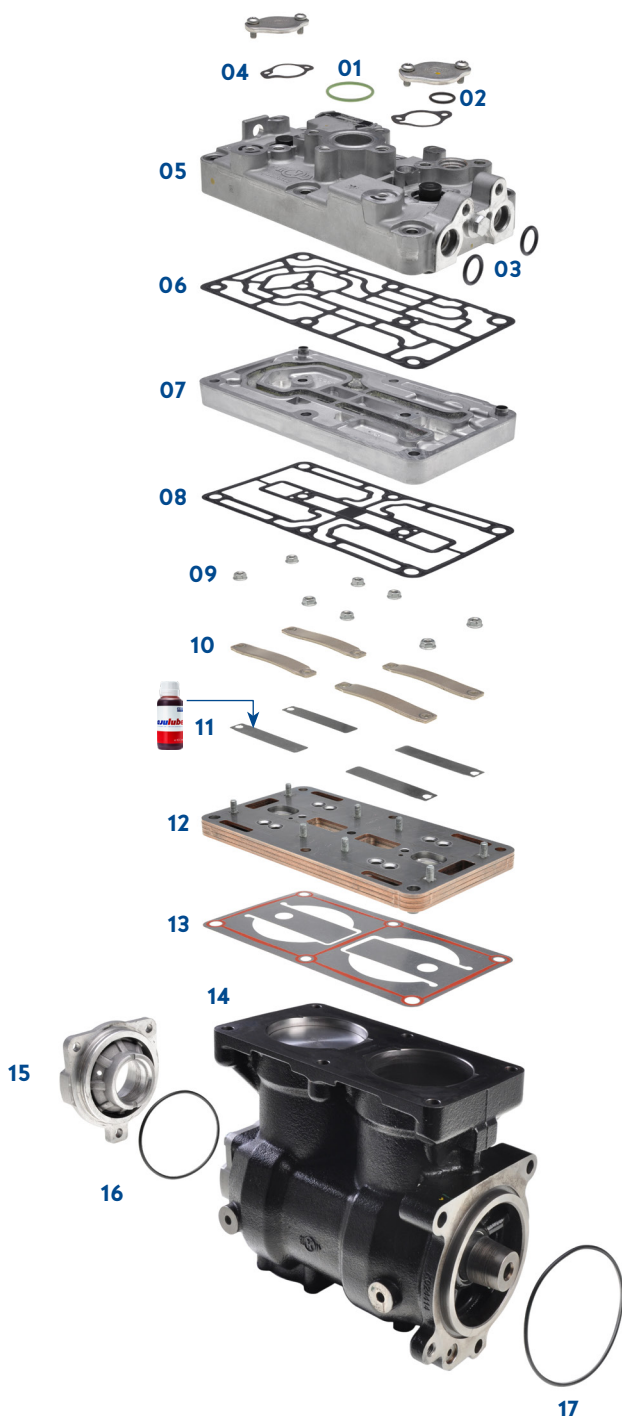
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TECHNICAL REPORT

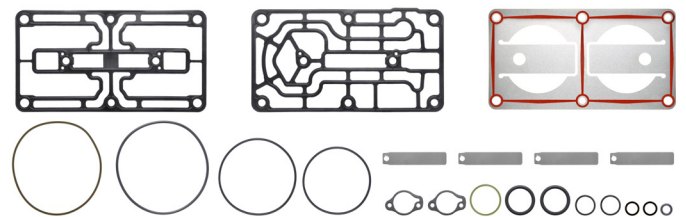
Assembly instructions for brake
compressor set reference
BC00003 for Scania DC16



01 composition



Ajusa reference BC00003

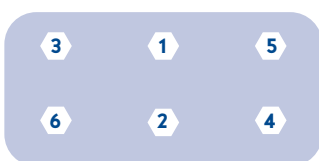


- 01. O-ring air inlet | **ref. 16506600**
- 02. O-ringde pressured air outlet | **ref. 16138100**
- 03. O-ring coolant inlet/outlet | **ref. 16564500**
- 04. Pressure regulator gasket | **ref. 01825300**
- 05. Valve cover
- 06. Upper cooling plate gasket | **ref. 01824800**
- 07. Cooling plate
- 08. Lower cooling plate gasket | **ref. 01824900**
- 09. Support nut for compressed air valves
- 10. Support for compressed air valves
- 11. Compressed air valves | **ref. 01825400**
- 12. Valve support plate
- 13. Cylinder head gasket | **ref. 01825000**
- 14. Compressor block
- 15. Crankcase cover gasket
- 16. O-ring | **ref. 16066600**
- 17. O-ring | **ref. 16137400**

02 recommendations

- **Disassemble** all parts of the compressor and **clean** them with an anticorrosive solvent.
- Check the **length** of the screws.
- Be sure to **clean** all housings and repair damaged threads.
- To avoid possible problems and incorrect tightening, **avoid using any type of adhesive** on the screws.
- Position the intake and exhaust valves and **lubricate** the area.
- Avoid **excessive bending** or handling of flexible valve reeds.
- If the valve support is deformed, it must **be replaced**.
- The O-rings **must be replaced** with new ones.
- When installing the O-rings must **be lubricated** to ensure tightness.
- Do **not reuse cylinder head gasket** in any case once tightened.

03 torque settings



1º 20 ± 2 Nm
2º 35 ± 2 Nm



3º 10 ± 2 Nm



For more information about compressor repair, visit our **YouTube channel**, through the QR code on the product label, or through our **Ajusa Mobile app**.