

TURBO-CHECK

Important information for workshops: The turbocharger may only be installed by trained specialists. Improper installation, use and operation of the turbocharger or modifications to it may result in damage to the turbocharger and engine. The manufacturer's instructions and the installation and commissioning instructions must be followed. If a turbocharger is installed which does not comply with the engine specification or if the installation or assembly instructions are not followed, the warranty for material defects shall become null and void. Obvious defects must be reported immediately.

Before installation

- Important! Identify and eliminate the cause of failure of the old turbocharger.
- Make sure that the motor ventilation is working. Clean intake area, charge air area and exhaust area; replace if necessary.
- Ensure oil supply, check complete oil circuit and lines; clean or replace if necessary.
- Check if intercooler works, check for residues; clean or replace if necessary.
- Match turbocharger design number with engine specifications and turbocharger manufacturer's design number before installation.

During installation

- Before mounting the oil inlet lines: Fill turbocharger with new engine oil through oil inlet hole, while rotating rotor slightly by hand to lubricate shaft and bearings.
- Please check if an adjustment of the housing position is necessary.
- Adhere to the tightening torques in accordance with engine or vehicle manufacturer's specifications.
- Make sure that flanges and threads are free from damage or wear.
- Please use only factory-new and exact fitting sealing elements.
- Engine oil and oil filters must be changed.
- Check charge air intercooler again with regard to residues and connections.

After installation

- After engine start: Let engine idle for approx. 120 seconds.
- When idling, check all connections (air, exhaust gas, water and oil) for tight fit and leakage.
- Once the oil pressure has been built up, the engine can be throttled.
- After approx. 20 operating hours or approx. 1,000 km, all relevant connections must be checked again for tight fit and leakage.

