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TECHNICAL REPORT

Installation of crankshaft seal
with cover (reference 71003500)



assembly steps

preparation

Make sure you have all the **necessary tools** before starting the assembly:

- Crankshaft seal with cover (ref. **71003500**).
- Ajusil high-temperature sealant (ref. **75000100**).
- A socket size 13 suitable for the fastening bolts.
- Torque wrench.

cleaning

Before installing the crankshaft seal, ensure that the mounting surface area is clean and free of dirt, grease, or other contaminants. Use a **suitable solvent** to clean the surface and let it dry completely.

inspection

Inspect the crankshaft to ensure there are no defects, such as scratches or cracks.

seal placement

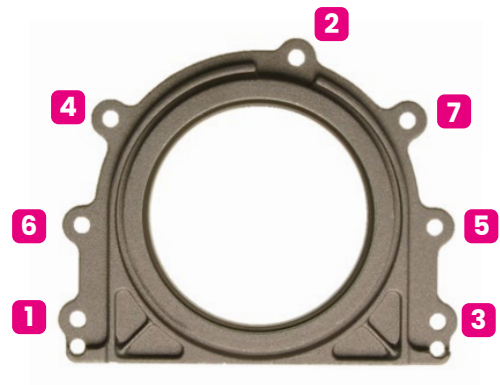
Apply a thin layer of high-temperature sealant **Ajusil 75000100** on the surface of the crankshaft seal that will come into contact with the cover. This will help prevent oil leaks. Be careful not to apply too much sealant, as excess can block the lubrication channels.

positioning

Place the crankshaft seal in its corresponding position, ensuring it is centered and aligned correctly. Apply even pressure to ensure a good seal.

fastening

Use a size 13 socket **wrench to tighten** the fastening bolts of the cover supplied with the seal. Apply a torque of 9 Nm in a crisscross pattern, making sure not to overtighten the bolts to avoid damaging the gasket or seal.



PTFE seal precautions

For the assembly of the seal you must take into account the following:

Do **not lubricate** the sealing lip.

Avoid contact with aggressive solvents or chemical substances that may damage the material of the PTFE seal.

Wait a minimum of 4 hours for the retaining lip to sit on the shaft.

use of sealant on bolts

Our seal has the fastening bolts pre-soaked in threadlocker. It is recommended to use Ajulock (ref. **75000500**) on the bolts thread if old bolts are used. This will help prevent leaks and unwanted loosening.

