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TECHNICAL REPORT

Crankshaft seal assembly with 71011200 reference

ajusa

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01 introduction

The purpose of this report is to provide a detailed guide for the correct assembly of the 71011200 oil seal.

It is a seal with a cover, whose mounting location is the rear of the crankshaft of the vehicle.

This seal is mounted on Fiat, Mercedes - Benz, Nissan, Opel, Renault and Vauxhall models, with engine codes R9M. Correct installation of the seal is important to avoid oil leaks that could lead to future engine problems.

reference 71011200

02 assembly procedure

01 | **Preparation**

Make sure you have all the necessary tools before you begin, in this case:

- Crankshaft seal with cover 71005300 .
- Torque wrench.
- 10 M6x20 bolts with washer and 10 socket.

02 | **Cleaning**

Before installing the crankshaft seal, ensure that the surface of the mounting area is clean and free of contaminants. Use a suitable solvent to clean off any dirt and dry thoroughly.

03 | **Inspection**

Visually check the crankshaft and make sure there are no defects such as scratches or cracks.

04 | **Installing the seal**

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

IMPORTANT

This is a PTFE (Polytetrafluoroethylene) seal so **neither the lip nor the shaft should be lubricated.** You should not remove the applicator yet.
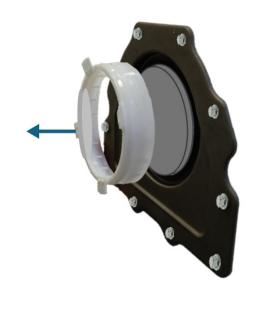
05 | **Fixing**

Tighten the cover fixing screws to a torque of 15 Nm in a crisscross pattern to ensure even tightening.

06 | **Removing the applicator**

At this point, you can remove the applicator, being careful not to damage the sealing lip.

07 | **PTFE Seal Precautions:**

Do not lubricate the sealing lip, avoid contact with aggressive products and wait at least 4 hours before starting the engine, so that the lip seats properly on the shaft.

08 | **Using threadlocker on screws:**

It is advisable to **apply Ajulock** locking agent to the flywheel bolts. This will help prevent unwanted loosening and leaks.