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TECHNICAL REPORT

Assembly of crankshaft seal with reference 15088600

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01 introduction

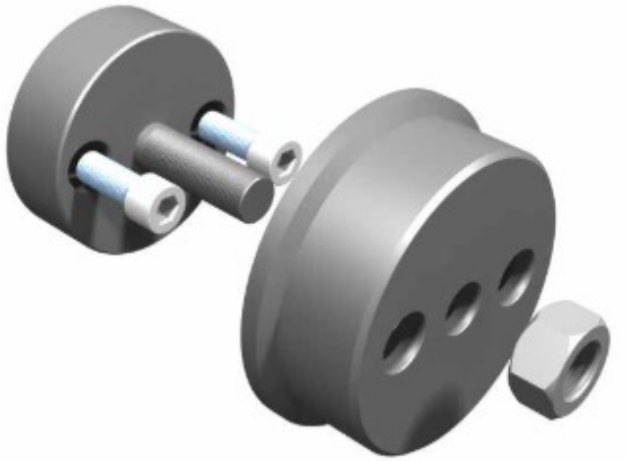
To explain the assembly instructions for the crankshaft seal (located on the gearbox side) with ref. 15088600, which mainly fits different Citroën engines.

reference 15088600

description 02

One of the main reasons why **oil loss** may occur once the seal is installed is usually due to the seal **not being completely housed** in the engine block housing.

Sometimes it is intuitive that in these cases the seal should remain aligned with the surface of the engine block, but this is a **mistake**, since the engine flywheel is very close to the plane of the block, and therefore when installing the seal in that same flat, said flywheel makes contact and wears the outside of the seal, damaging it. This is why we need to use a **specific tool** for its assembly.



the importance of using a tool

The tool ensures that the oil seal **is correctly aligned** with the shaft, preventing it from becoming twisted and allows uniform pressure across its entire surface to prevent damage to it. Furthermore, the positioning will be optimal, since with this tool we can push the seal beyond the level of the crankshaft, ensuring a better seal and prolonging the useful life of the seal.

03 before assembly

01

We must **clean the surface** of the shaft housing, leaving it free of grease, oil or dirt.

02

Check that the surface of the shaft has **no damage** or imperfections.

03

The assembly of the PTFE seals is carried **out dry**, no oils or greases should be used.

04 steps

01

Remove the crankshaft seal to be replaced and discard and **clean the crankshaft shaft**, removing traces of oil and dirt.

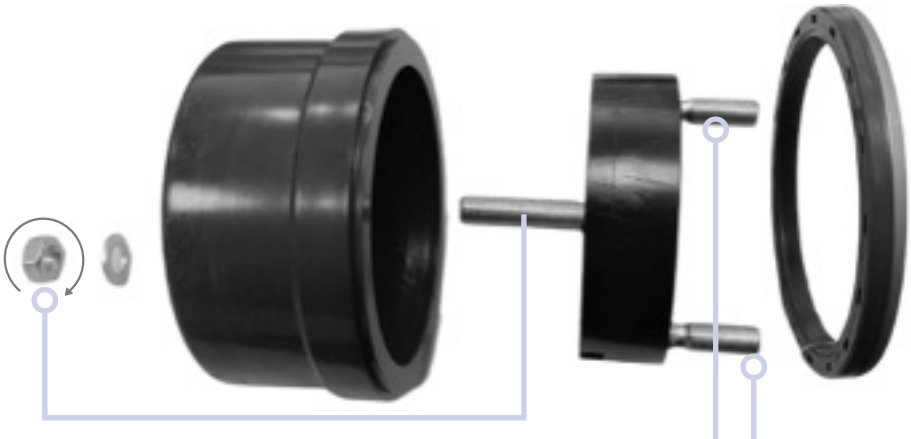
02

Position with its applicator on the shaft. With the tool, we turn clockwise to **insert the seal** into its housing.

03

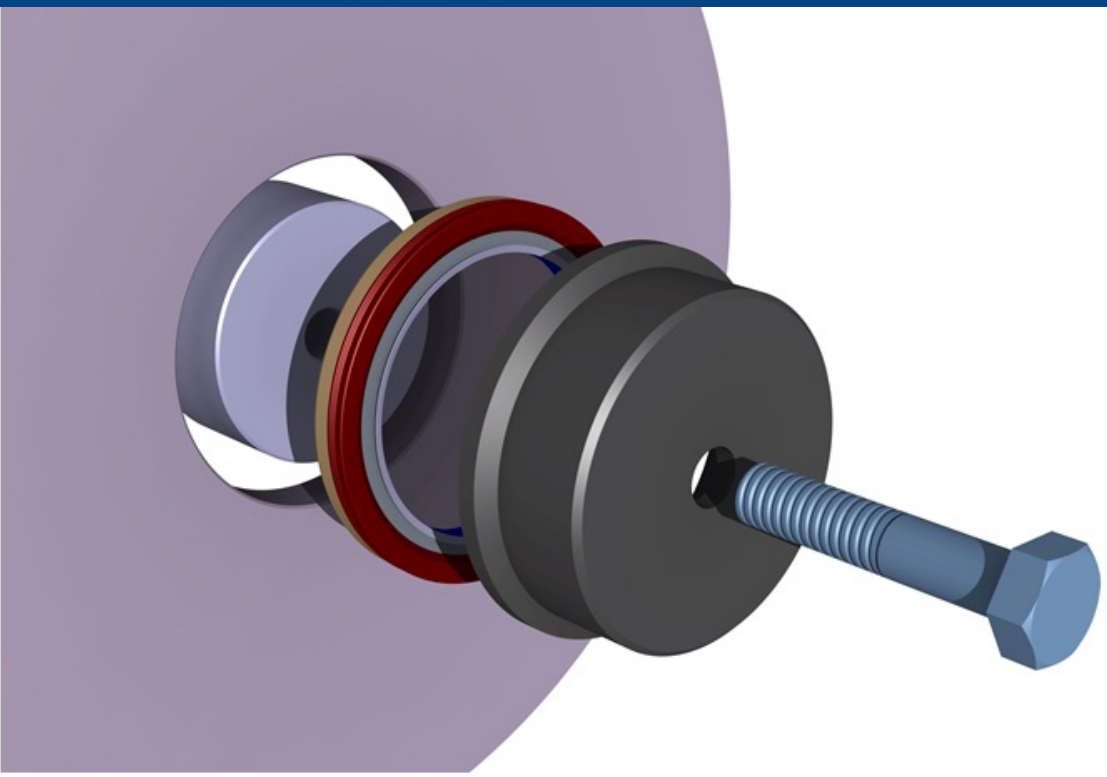
Once assembled **4 hours** must pass before starting the engine for the seal to completely adapt to the crankshaft shaft.

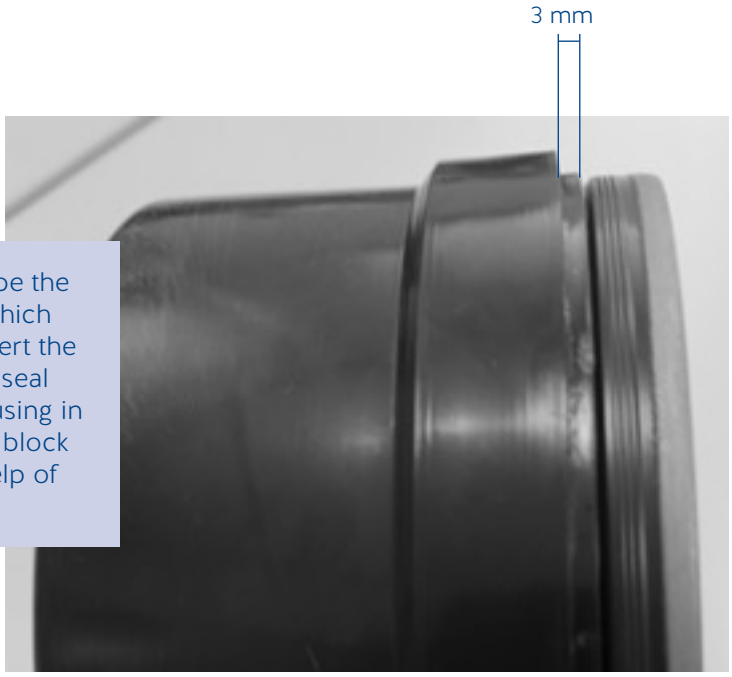
We tighten the nut on the central screw to tighten the crankshaft seal little by little and evenly.



It will **put pressure** on the crankshaft seal and place it

We fix it to the crankshaft with the screws.





3 mm will be the depth to which we can insert the crankshaft seal into its housing in the engine block with the help of the tool.