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TECHNICAL REPORT

Crankshaft seal assembly
15094200



01 Introduction

Below is a detailed assembly guide for the 15094200 **crankshaft seal assembly**, which fits on different models such as BMW/MINI, Citroën, Peugeot, Fiat, Ford, Opel and Toyota most of the time equipped with 1.6 L engines from the prince family (VTi and THP).

It is essential to follow this procedure to ensure effective sealing, **prevent oil leaks**, and maintain optimal engine performance.



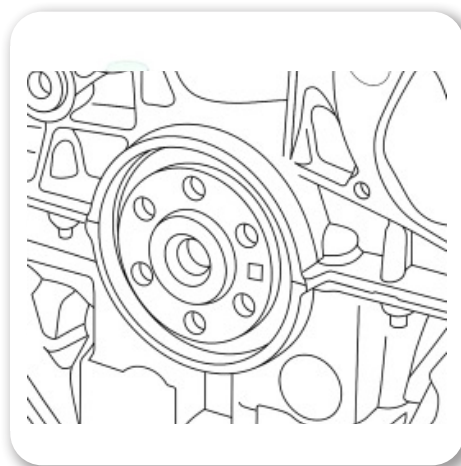
reference 15094200

Assembly procedure

02

01 | Preparation

Cleaning: Make sure the shaft and housing on the block are clean and free of contaminants. Check that the shaft and housing are not damaged.



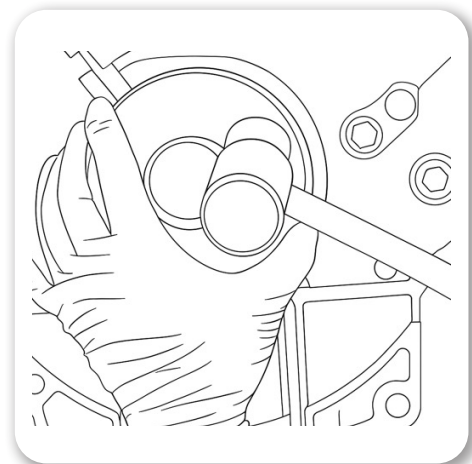
02 | Assembly

Inserting the seal: Places the detent on the shaft without removing the plastic sleeve, which facilitates installation without damaging it. Remove the plastic sleeve once inserted.



03 | Final adjustment

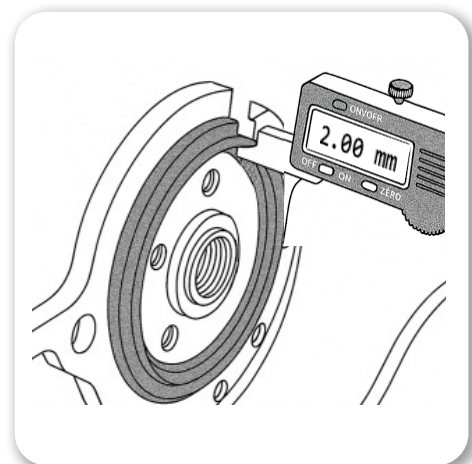
Use a tool of the same diameter as the detent and a rubber hammer to hit the tool instead of the seal and fit the seal completely into the housing.



04 | Revision

Position check: Make sure the seal is fully inserted into the housing. It should be 2 mm deep from the outer edge.

By following these indications, the oil seal will 15094200 be correctly installed, optimizing leak protection and engine operation.



03 Recommendations

The lip of this seal is made of **polytetrafluoroethylene (PTFE)** known as Teflon. It is important to follow some special recommendations:

The **applicator should not be removed** before assembly

The **lip should not be lubricated**, the assembly should be done dry

Once assembled, you should wait a minimum of 4 hours before starting the engine, to ensure that the lip recovers its shape and sits correctly.

Contact 04

Do you have questions about assembly or any of the steps? Contact our **technical assistance department** before installing, and we'll advise you and guide you through the steps.



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