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TECHNICAL REPORT

Assembly instructions

Ref: 71007200 for 1798 cc and
1984 cc VAG engines



REASON

Show the assembly instructions of **oil seal crankshaft (gearbox side) ref: 71007200** mounted in VAG engines with 1798 cc and 1984 cc.

APLICACION

VEHICLE	BRAND	CYLINDER CAPACITY	ENGINE TYPE
AUDI	A1, A3, A4, A5, A6, A8, Q3, Q5, TT	1798	BYT - BZB - CABA - CABB - CABD CCUA - CDAA - CDHA - CDHB CJEB - CJED - CJSB - CJSB CNSB - CYGA
		1984	CAEA - CAEB - CAED - CAWB - CBFA CCTA - CCZA - CCZC - CDNB - CDNC CESA - CETA - CEKA - CHIA - CIXB CIXC - CNCB - CNCD - CPMA - CMPB CPSA - CULB - CWZA
SEAT	Alhambra, Altea, Exeo, León, Toledo	1798	BYT - BZB - CDAA - CDHA CDHB - CJSB - CJSB
		1984	CCZA - CCZB - CDND - CJXA - CJSB
SKODA	Octavia, Superb, Yeti	1798	CDAA - CDAB - CJSB - CJSB
		1984	CCZA - CHHB
VOLKSWAGEN	Amarok, Beetle, EOS, Golf, Jetta, Passat, CC, Polo, Scirocco, Sharan, Tiguan, Multivan, Transporter	1798	BZB - CDAA - CDAB - CGYA - CJSB CPKA - CPRA DAJA - DAJB
		1984	CAWA - CAWB - CBFA - CCTA - CCTB CCZA - CCZB CCZC - CCZD - CFPA CHHA - CHHB - CJKA - CJKB CJXB CJXC - CNTA - CPLA - CPPA - CULA CULC CXCA - CXCB - CXDA

DESCRIPTION

On some occasions, the sealing of the oil seal with the engine is produced by a **liquid sealant**. As is the case of the reference of this TIP, the sealing of the oil seal ref: 71007200 against the **block is produced on the whole surface area of the case**, which by the own design doesn't have any beads of elastomer.

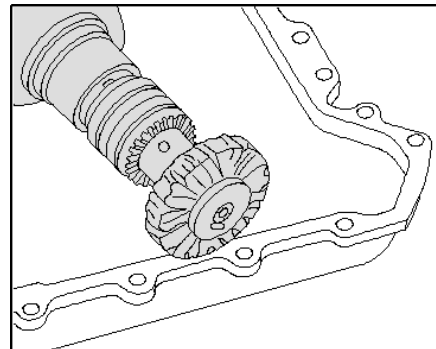
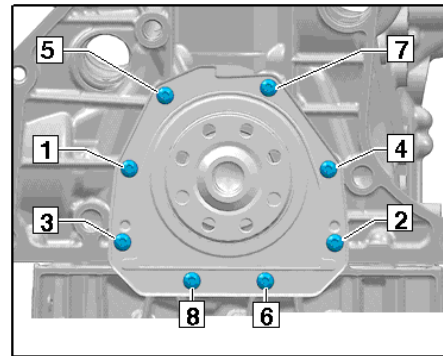
In this particular case, and just as occurs with other references of oil seals with case, the repair manual indicates that **it is necessary to apply a uniform silicone in certain critical areas as we will see below**.

DISSASSEMBLY

1 Remove the gearbox and the flywheel to gain access to the oil seal.

2 Unscrew the bolts 1-8 of the oil seal case in the following order

3 Clean any remain crankcase sealant.



TIP Use soft tools (non-metallic) to avoid damages on the contact surfaces between different mechanical parts.

ASSEMBLY

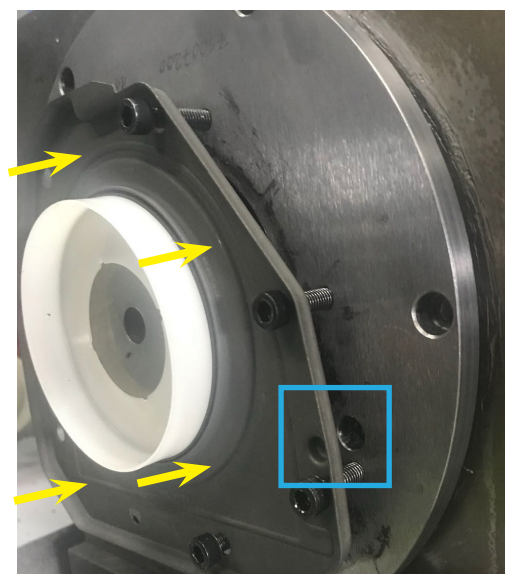
- 1 Apply a small amount of sealant, as shown in the next red area.** Thickness of the sealant must not exceed 2-3 mm.



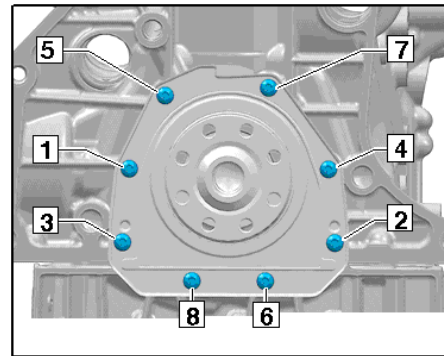
WARNING The thickness of the sealant must not exceed the specified thickness, otherwise the excess of the sealant could enter and obstruct different holes or even reach the sealing lip producing leakage.

WARNING The drying time of the sealant must also be considered. In our case, Ajusil, begins to dry at 10 or 15 minutes, reaching the total drying at 18 hours.

- 2 Insert the oil seal with the applicator.** In this case, the lip of the oil seal is going to be oriented in the external direction of the engine and thanks to the centering pins (marked in blue) it will completely line and center the case of the oil seal.



3 Tighten the bolts 1-8 in the following sequence.



Tighten: 9Nm/ 0.9Kpm

4 **PTFE OIL SEAL (Polytetrafluoroethylene, Teflon): wait 4 hours until start the engine.** This time must be waited because the lip will suffer a deformation during the assembly process produced by the applicator, so it takes a while to recover the initial state and to adapt the area of the shaft.