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TECHNICAL REPORT

Front crankshaft oil seal fitting
15075700 on Ford Duratorq
Engines



PURPOSE

Assembly instructions for the front crankshaft oil seal on FORD DURATORQ TDCI Engines. AJUSA part number 15075700.



INTRODUCTION

The engine family which fits this oil seal are DURATORQ-TDCI 2.0, 2.2, 2.4 and 3.2 of FORD, also commonly known as PUMA and despite being engines manufactured by Ford also fits on vehicles of other brands.

BRAND	C.C	MODEL	ENGINE TYPE
FORD	1998	MONDEO DI 16V	N7BA
		MONDEO III DI 16V	D6BA, SDBA, D5BA
		MONDEOTDCI 16V	HJBA, HJBB, HJBC, FMBA, D5BA, SDBA
		TRANSIT DI 16V	ABFA, D3FA, F3FA, FIFA
		TRANSIT TDCI 16V	F1FA
		TRANSIT TDI 16V	F3FA, FIFA
	2198	MONDEO III 16V	QJBC, QJBB
		MONDEO III DI 16V	QJBA, QJBB
		MONDEO III Kambi 16V	QJBC, QJBD
		RANGER 16V	GBVAJPF, GBVAJQW, GBVAJQJ
		TRANSIT 16V	DRRA, DRRB, DRRC, CYRA, CYRB, CYRC USRA, USRB, CVRA, CVRB, CVRC, DRFA, DRFB, DRFC, DRFD, DRFE, CTFA, CYFB, CYFC, CYFD
		TRANSIT TDCI 16V	QVFA, SRFB, SRFC, SRFD, SRFE, SRFA, QWFA, PGFA, PGFB, P8FA, P8F8
	TRANSIT TOURNEO 16V	SRFA, SRFB, SRFC, SRFD, SRFE	
	2402	TRANSIT DI 16V	D4FA, F4FA, D2FA, D2FA, D2FE, FAA, FAB, FAC, FAD
		TRANSIT TDCI 16V	FXFA, H9FA, H9FB, H9FD, PHFA, PHFC, JXFA, JXFC
		TRANSIT TDI 16V	DOFA
	3198	RANGER 20V	SAFA
		TRANSIT 20V	SAFA, SAFB

BRAND	C.C	MODEL	ENGINE TYPE
CITROËN	2198	JUMPER III HDI 16V	22DT (4HV), 22DT (4HU), 22CT (4HM)
FIAT	2179	DUCATO JTD 16V	4HV
PEUGEOT	2198	BOXER 3 HDI 16V	22DT (4HV), 22DT (4HU), 22CT (4HM)
		BOXER 16V	P22DTE (4HU)

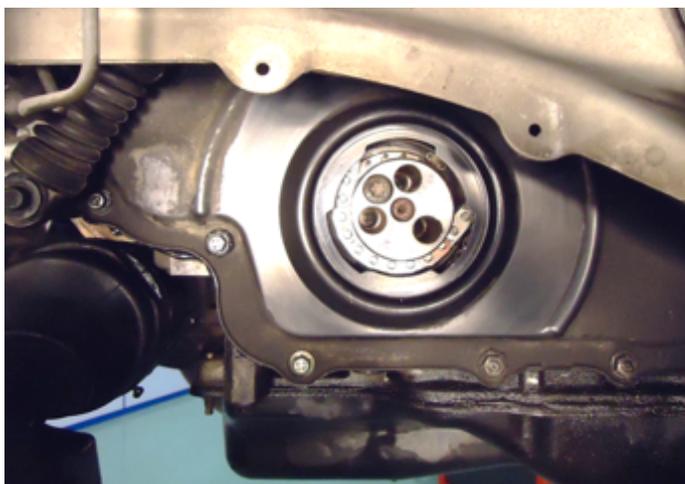
PROCEDURE

To remove the oil seal to be replaced and the installation of the new seal, it is advisable to use the **specific tool** for this operation (original ref. 303-679A).



1 Remove the accessory belt and crankshaft pulley.

2 Remove the oil seal to be replaced and discard.



- 3** Clean and degrease the crankshaft removing any oil rest or dirt and place the seal with the plastic applicator on the crankshaft.



- 4** Push uniformly the seal towards the cover to fit the seal on the cover and over the shaft and then



- 5** With the specific tool, turn clockwise for the final fitting of the seal with the cover.



6 Assembly again the accessory belt and crankshaft pulley:

Torque: 1ª Phase - 4,5 kpm
2ª Phase - 120º

RECOMMENDATIONS

- **Do not remove the plastic applicator** before installing the seal as it makes sealing lip protection, in addition to a guide to installing the seal on the crankshaft without damaging it.
- Being a PTFE seal, **do not lubricate the shaft** or the seal itself. Mounting crankshaft surface must be completely dry and clean.
- **Leave for at least 4 hours after installation** of the seal is carried out until the engine is started, to allow the seal to fully adapt to the crankshaft.