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Technical Bulletin

Accessory drive on Renault 1.5 DCi engines

GATES REFERENCE : MAKE : MODEL : MOTOR : MOTOR CODE :	**Accessory drive** RENAULT Clio II, Express, Kangoo, Rapid, Symbol 1.5 dCi K9K700, K9K702, K9K710	

Certain Renault 1.5 DCi models, produced between June 2001 and June 2002, **without air-conditioning**, could have issues with the accessory drive belt, as a result of tensioner problems.
The tensioner base plate could deform, resulting in misalignment, belt noise and early failure.

In order to cure this, Renault launched a technical note, saying the old tensioner (OE ref. 8200262773, 8200292784), the 2 tensioner bolts (torx-head) and the accessory drive belt (OE ref. 8200020924) have to be replaced.

Vehicles involved:

*Clio II, Symbol, Van 1.5DCi. Chassis codes: BB07, BB08, CB07, CB08, LB07, SB07, SB08; with engine K9K700 or K9K702.
*Kangoo, Rapid, Express 1.5DCI. Chassis codes: FC07, FC08, KC07, KC09 ; with engine K9K700, K9K702 or K9K710.

How to proceed:

Loosen tensioner bolts
Remove old accessory drive belt
Remove old tensioner bolts and tensioner
Install new tensioner (OE ref. 8200328372)
Use 2 new bolts (OE ref. 7703002059 - hex head)
Install the 2 bolts hand tight
Install a new Micro-V® XF belt 5PK1133 (OE ref. 8200020924).

ATTENTION!!!
The pulleys of this drive have 6 grooves, while the needed belt only has 5 ribs. The groove closest to the engine bloc has to remain free.

Tensioning the new belt:

The belt has to be tensioned (with tool Mot. 1638, OE ref. 0000163800) to a higher tension than with the original drive set-up

Measure the tension in the bottom span, between the crankshaft and power steering pump (or idler for cars without power steering) (Fig.1).

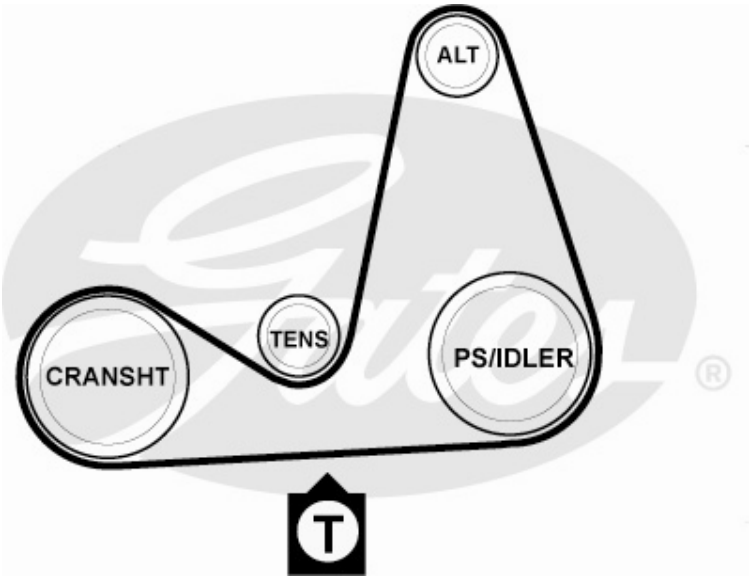

Fig.1

When measuring the belt tension with the STT-1, key in “8”, “180” (virtual span of 180 mm). When measuring with the Krikit®, tension has to be 70 Kg.

Now tighten the 2 bolts (36 Nm).
Rotate the engine 2 revolutions clockwise.

Check the tension and adjust if needed.
Re-install all removed parts.

