




NUMBER 013

21/04/2006

### Renault 1.5 DCI / Accessory drive / Installation Info.

<b>GATES REFERENCE:</b>	<b>Accessory drive belt</b>	
MAKE:	RENAULT	
MODEL:	Clio II, Express, Kangoo, Rapid, Symbol	
MOTOR:	1.5 DCI	
MOTOR CODE:	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) together with the 2 tensioner bolts (torx-head) as well as 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:

1. Loosen the tensioner bolts.
2. Remove the accessory drive belt.
3. Remove the tensioner bolts and tensioner.
4. Install the new tensioner (OE ref. 8200328372).
5. Use 2 new bolts (OE ref. 7703002059 - hex head).
6. Install the 2 bolts hand tight.
7. Install a new Micro-V<sup>®</sup> belt 5PK1133 (OE ref. 8200020924).

#### Attention!

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

8. Tension the 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).

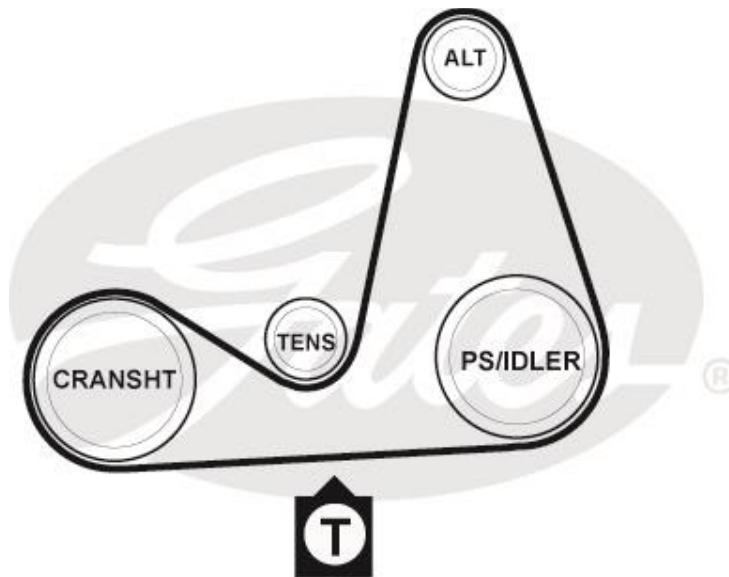


Fig. 1

9. When measuring the belt tension with the STT-1, key in “8”, “180” (virtual span of 180 mm). When measuring with the Krikitt<sup>®</sup>, tension has to be 70 Kg.
10. Now tighten both bolts (36 Nm).
11. Rotate the engine 2 revolutions clockwise.
12. Check the tension and adjust if needed.
13. Re-install all removed parts.

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