



# TECHNICAL BULLETIN 013

21/04/2006

## RENAULT 1.5 DCI / ACCESSORY DRIVE / INSTALLATION INFO

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, SB0
- 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® 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).
9. 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.
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.



### BULLETIN

#### GATES REFERENCE:

Accessory drive belt

#### MAKE:

RENAULT

#### MODEL:

Clio II, Express, Kangoo, Rapid, Symbol

#### MOTOR:

1.5 DCI

#### MOTOR CODE:

K9K700, K9K702, K9K710



# TECHNICAL BULLETIN 013

21/04/2006

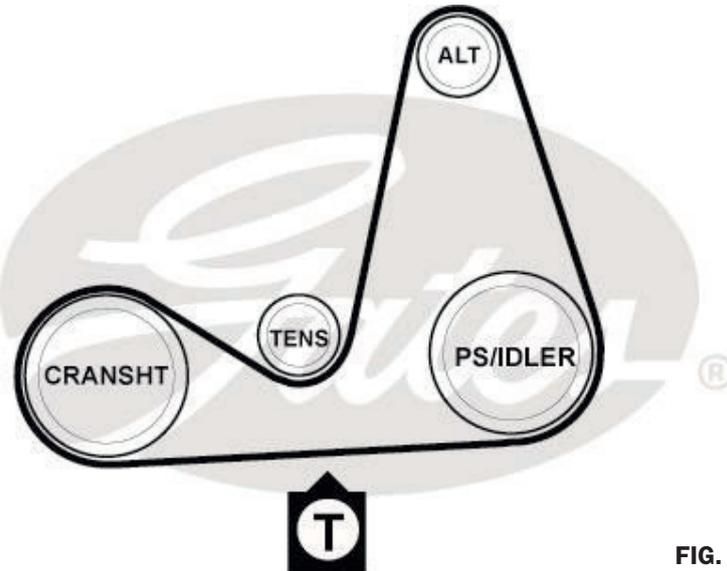


FIG. 1