



TECHNICAL BULLETIN 008

28/12/2005

RENAULT 2.1D, DT, TD / SYNCHRONOUS DRIVE / TENSIONER INFO



EXPLANATION:

Our kits K015040 and K025040 have been replaced by K035040 and K045040. K015040XS also contains the new tensioner.

Doing so, we follow Renault OES: the old tensioner (OE ref. 7700722452) (see Fig. 1) is no longer available and has been replaced by a new one (OE ref. 7700871169) (see Fig. 2).

The new tensioner exists out of 2 parts (Fig. 3), which have to be put together as shown in Fig. 2.

The new system is better than the old one, which was spring loaded. Often the spring got blocked and did not push hard enough against the bushing which activates the base plate of the tensioner.

BULLETIN

GATES REFERENCE:

5040, 5040XS & their related kits.

MAKE:

JEEP
RENAULT

MODEL:

Cherokee, Comanche, 18, 20, 21, 25, 30, Espace, Fuego, Master, Safrane, Trafic.

MOTOR:

2.1D, 2.1DT, 2.1TD.

MOTOR CODE:

852702, 852710, 852720, 852750, B210, J8S02, J8S240, J8S330, J8S610, J8S612, J8S620, J8S622, J8S704, J8S706, J8S708, J8S710, J8S711, J8S712, J8S714, JS8S736, J8S740, J8S742, J8S750, J8S758, J8S760, J8S772, J8S776, J8S782, J8S784, J8S786, J8S788, J8S814, J8S890.

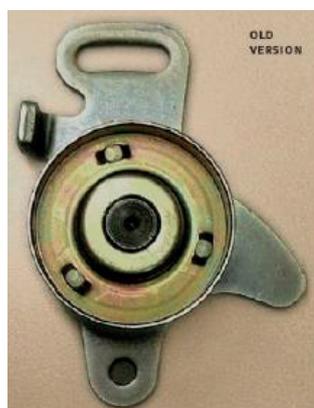


FIG. 1

Fig. 1 =
OE ref. 7700722452

Fig. 2 and Fig. 3 =
OE ref. 7700871169



FIG. 2



FIG. 3



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As there is a big visual difference between the old and the new tensioner, some mechanics are not sure how to mount the new part.

The correct installation procedure:

1. Remove the old tensioner.
2. Remove the old bushing and spring, these are not needed anymore.
3. Install the new tensioner with the same bolts as the old one.
4. Push the new tensioner against the new belt till properly tensioned, (e.g. you can use a circlips pliers if original tool is not available.
5. Lock the tensioner bolts.
6. Rotate the engine 2 revolutions clockwise.
7. Check the belt tension with Gates STT-1.
8. If the tension is not OK, adjust, rotate 2 revolutions and check again.

EXPLANATION:

Applications for both kits are equal; the difference is the kit composition.

K035040: belt 7700663544, tensioner 7700871169 equivalent to the OES kit 7701468162

K045040: belt 7700663544, tensioner 7700871169, idler 7700721690