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008

28/12/2005

Technical Bulletin

K035040/K045040 for Renault/Jeep 2.1D, TD

GATES REFERENCE :

K035040 / K045040

MAKE :

JEEP / RENAULT

MODEL :

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

MOTOR :

2.1 D / TD

MOTOR CODE :

52710, 852702, 852750, B210, J8S02, J8S240, J8S330, J8S610, J8S612, J8S620, J8S622, J8S704, J8S706, J8S708, J8S710, J8S711, J8S712, J8S714, J8S736, J8S740, J8S742, J8S750, J8S758, J8S772, J8S776, J8S782, J8S784, J8S786, J8S788



Our kits K015040/K025040 are no longer available, and have been replaced by K035040/K045040. (see Field Bulletin N° 73 of April 2005)

Doing so, we followed what happened on OES level: the old tensioner (OE ref. 7700722452 - Fig. 1) is no longer available and has been replaced by a new one (OE ref. 7700871169 - Fig. 2).



Fig. 1
OE ref. 7700722452



Fig. 2
OE ref.7700871169



Fig. 3

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



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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.

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.

Correct installation is possible using the following procedure:

- * remove the old tensioner
- * remove the old bushing and spring, these are not needed anymore
- * install the new tensioner with the same bolts as the old one
- * push the new tensioner against the new belt till properly tensioned, (e.g. using circlips pliers if original tool is not available)
- * lock tensioner bolts
- * rotate engine 2 revolutions
- * check belt tension with STT-1
- * if not OK, adjust, rotate 2 revolutions and check again.

Applications for both kits are the same (see attached file), there is only a difference in the composition:

- K035040: belt 7700663544, tensioner 7700871169
Equivalent to OES kit 7701468162
 - K045040: belt 7700663544, tensioner 7700871169, idler 7700721690
- For complete system overhaul