



TECHNICAL BULLETIN 018

09/03/2007

RENAULT / ACCESSORY DRIVE / MICRO-V® BELT

EXPLANATION:

Renault has different engines where a multi-ribbed belt of 5 ribs has to be installed in pulleys with 6 grooves. This can't always be done in the same way.

1. On several 1.4 and 1.6 engines (K4J, K4M, K7J, K7M) with air conditioning, originally equipped with a 6PK belt (OE ref. 7700101261 - 6PK1750), Renault has changed to a 5PK belt (OE ref. 7700111671/ 8200833541 - 5PK1747).
2. Also on other engines (F4P, F4R, F5R, K9K) it is quite common to find a 5PK belt together with 6 PK pulleys. (See also Technical Bulletin N° 13 for the 1.5 DCi K9K engine).

As these 5PK belts run in the initially installed 6 groove pulleys, it is important to install the belt in the correct pulley grooves for correct alignment. Especially since it is known that in some cases the multi-ribbed belt was destroyed, and parts entered into the timing belt drive, ultimately causing considerable damages to the engine.

Different possibilities:

1.4 8V, 1.4 16V, 1.6 8V, 1.6 16V:

- without airconditioning:
 - power steering pump is belt driven: free pulley groove is groove furthest from engine (Fig 1)
 - power steering pump is electrically driven (not included in the belt drive): free pulley groove is nearest groove to the engine (Fig. 2)
- with airconditioning:
 - free pulley groove is groove nearest to the engine (Fig. 2)

1.8 16V, 2.0 16V, 2.0 16V IDE:

- free pulley groove is nearest groove to the engine (Fig. 2)

1.5 DCI:

- free pulley groove is nearest groove to the engine (Fig. 2)



BULLETIN

GATES REFERENCE:

Various Micro-V® belts & their kits.

MAKE:

RENAULT

MODEL:

Various

MOTOR:

Various

MOTOR CODE:

Various



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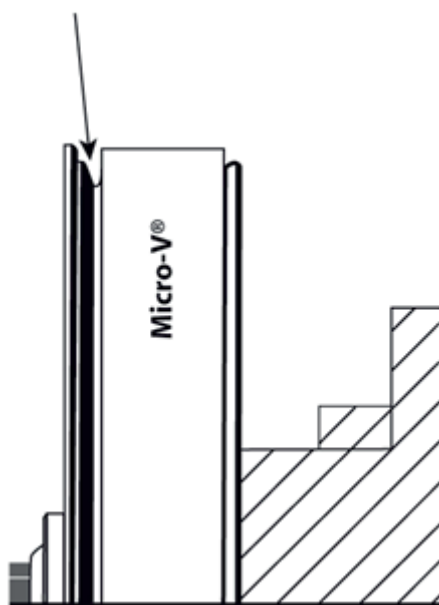


FIG. 1

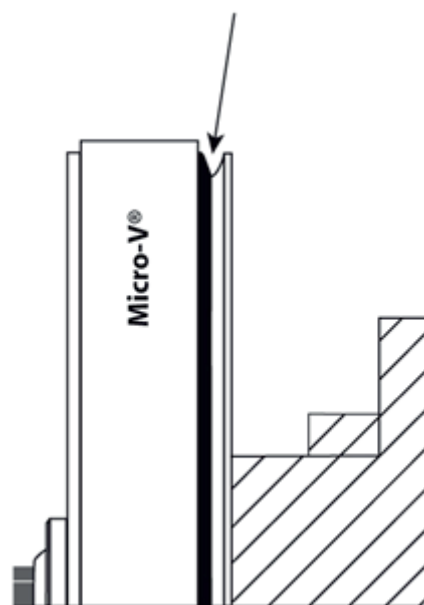


FIG. 2

Our catalogue prescribes the correct belt per application, based on the OE information we received.

visit our web catalogue: <http://www.gatesautocat.com>