Gates
A Tomkins Company
www.gates.com/europe

018
09/03/07

Technical Bulletin

5 and 6 PK Micro-V® XF belts on Renault engines

GATES REFERENCE:	**Various Micro-V® XF belts/Kit K015PK1750**	
MAKE:	RENAULT	
MODEL:	Clio, Kangoo, Laguna, Logan, Megane, Modus, Scenic, Thalia	
ENGINE:	1.4, 1.6, 1.8, 2.0 Petrol, 1.5 DCi	
ENGINE CODE:	F4P, F4R, F5R, K4J, K4M, K7J, K7M, K9K	

Renault has different engines where a 5PK belt has to be installed in pulleys with 6 grooves. This can not always be done in the same way. Here is an overview of the different situations:

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 - 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.
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:
  - o power steering pump is belt driven: belt has to be on the inside of the pulleys (Fig 1)
  - o power steering pump is electrically driven (not included in the belt drive): belt has to be on the outside of the pulleys (Fig. 2)
- with airconditioning:
  - o belt has to be on the outside of the pulleys (Fig. 2)

1.8 16V, 2.0 16V, 2.0 16V iDE:
- o belt has to be on the outside of the pulleys (Fig. 2)

1.5 DCi:
- o belt has to be on the outside of the pulleys (Fig. 2)

 Copyright © 2007 Gates Corporation

Gates
A Tomkins Company
www.gates.com/europe

018
09/03/07

Technical Bulletin

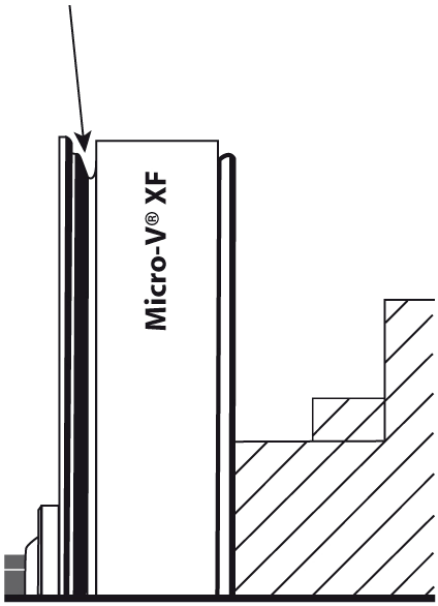

Fig. 1

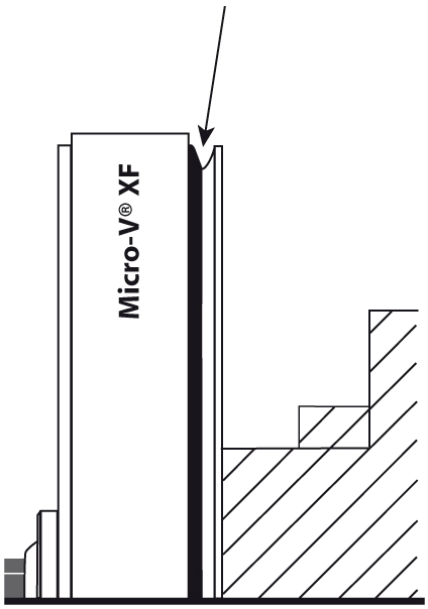

Fig. 2

Because of the above evolutions, we have changed our recommendations from 6PK1753 to 5PK1750.
Subsequently, our kit K036PK1753, which is listed in the 2007 catalogue, but not yet available, will be renumbered to K015PK1750.
We expect to have stock of this new Micro-V® XF kit by the end of May.

Our web catalogue will be adjusted accordingly.

Visit our web catalogue : www.gatesautocat.com

 Copyright © 2007 Gates Corporation