



TECH NOTE

AUTOMOTIVE – PASSENGER CAR

5PK MICRO-V® AT BELT CHANGE ON RENAULT ENGINES

BULLETIN: TSB013_AU

PART NUMBER:

- 5PK1755

Failure Mode:

Renault has various engines where a 5PK belt has to be installed in pulleys with 6 grooves. This cannot always be done in the same way.

On several 1.4, 1.6 and 2.0 engines (K4J, K4M, F4R) with air conditioning, originally equipped with a 6PK belt (OE ref. 7700101261 – 6PK1755), Renault has changed to a 5PK belt (OE ref. 7700111671 – 5PK1755).

As these 5PK belts run in the initially installed 6 groove pulleys, it is important to install the belt in the correct pulley grooves. This is because there have been cases where incorrect belt placement caused the multi ribbed belt to be destroyed, resulting in parts entering into the timing belt drives and causing considerable damage to the engine.

Please note the correct belt installation:

1.4L 16v & 1.6L 16v:

- Without air conditioning:
 - Power steering pump is belt driven: belt has to be on the inside of the pulleys (fig. 1)
 - 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 air conditioning:
 - Belt has to be on the outside of the pulleys (fig. 2)

2.0L 16v:

- Belt has to be on the outside of the pulleys (fig. 2)

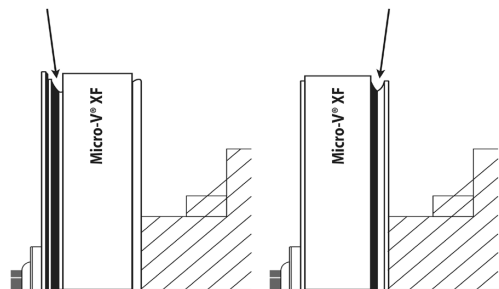


Fig. 1

Fig. 2

MAKE:

- Renault

ENGINE:

- 1.4L
- 1.6L
- 2.0L

MODEL:

- Clio
- Kangoo
- Megane
- Scenic

ENGINE CODE:

- F4R
- K7M
- K9K

YEAR:

- 1999-07

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