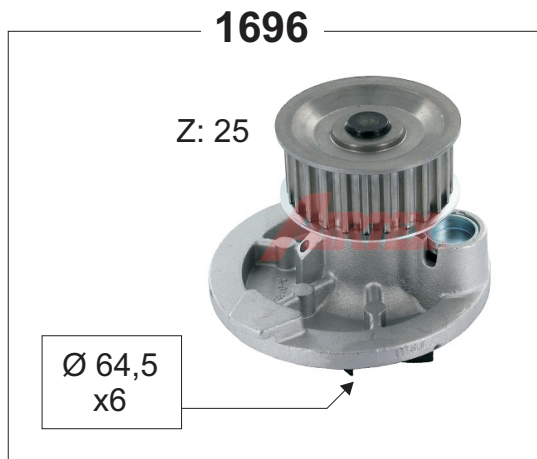
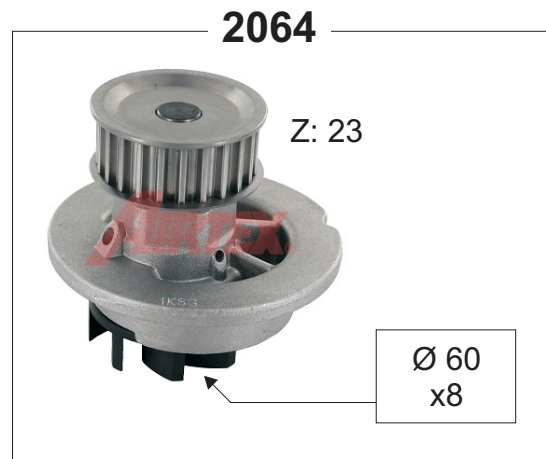


TECHNICAL INFORMATION

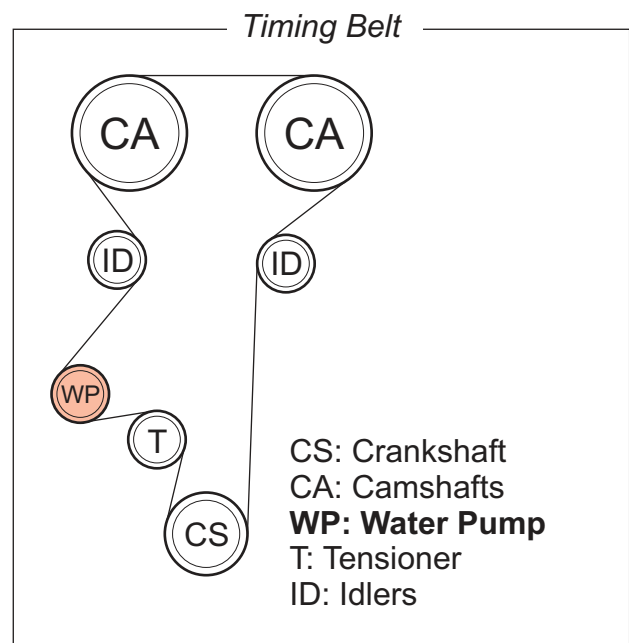
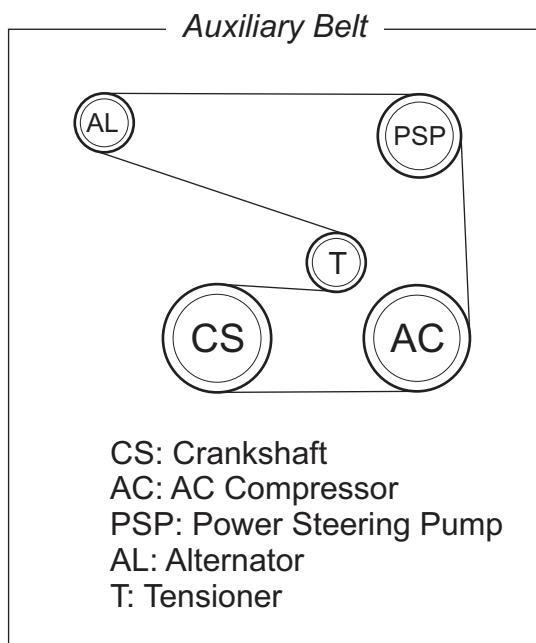
REFERENCES:



Chevrolet Lacetti, Nubira
1.8i 16v.
T18SED, F18D2/3 engines
-> 12/05



Chevrolet Lacetti, Nubira
1.8i 16v.
T18SED, F18D2/3 engines
01/06 ->



How to Remove the Timing Belt and Change Water Pump

Timing belt replacement interval: every 60.000 km.

Specific tools:

- It is not necessary.

TECHNICAL INFORMATION

Disassembly

The first steps, the most common for vehicles, are to disconnect the battery and dismount all necessary components to gain access to timing belt, for example, the right front wheel, wheel arch, auxiliary belt, crankshaft pulley, motor bracket, plastic covers, ...

Each vehicle may have fewer or more components to dismount, which are specified in the vehicle repair manuals.

- 1 The next step is to drain the coolant circuit and turn the crankshaft until cylinder n°1 is positioned at TDC.
- 2 Check timing marks are aligned [FIG. 1].
- 3 Loosen tensioner bolt (1) [FIG. 2] and turn the tensioner (2) [FIG. 2] to remove the timing belt.
- 4 Dismount the water pump.

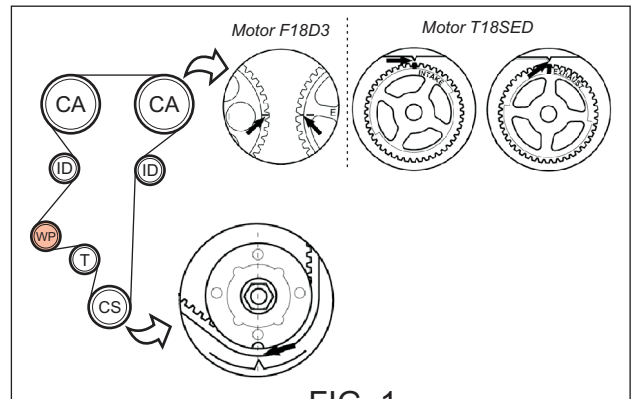


FIG. 1

AIRTEX RECOMMENDS:

- 5 Clean the coolant circuit and replace all belt drive components.

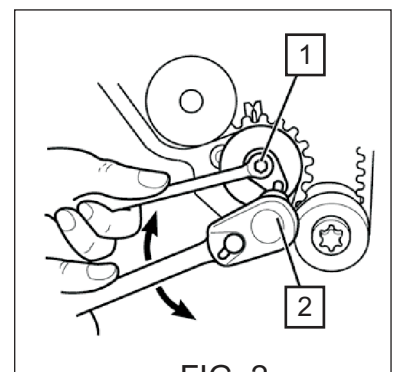
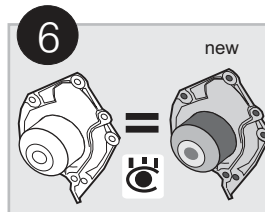


FIG. 2

Assembly

- 1 Fit Airtex water pump. Then, check timing marks [FIG. 1] and fit timing belt starting at crankshaft pulley.
- 2 Turn the tensioner anticlockwise until mobile indicator is aligned with the groove [FIG. 3]. Then, tighten tensioner bolt to tightening torque (25 Nm).
- 3 Rotate the crankshaft turning it 4 times until timing marks are aligned [FIG. 1]. Then, check the tensioner mobile indicator is aligned with the groove [FIG. 3]. Repeat the process if it is not correct.
- 4 Proceed with the rest of the assembly.

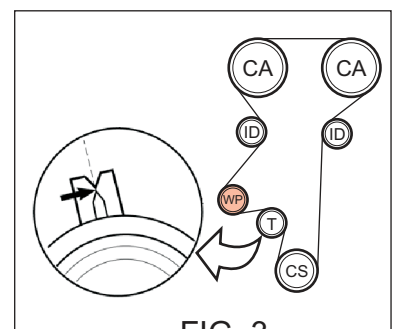


FIG. 3

AIRTEX RECOMMENDS:

Please Note: Fill up the cooling circuit with a suitable coolant and antifreeze before switching on the engine.

