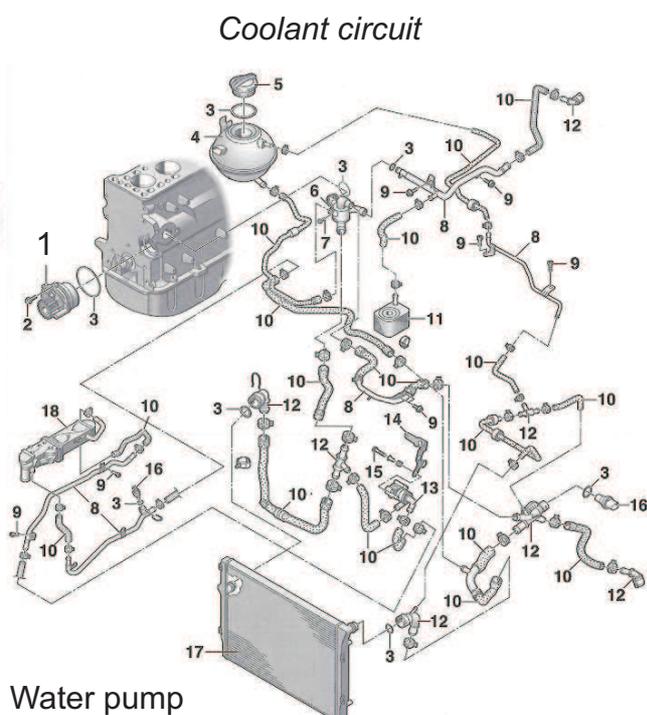
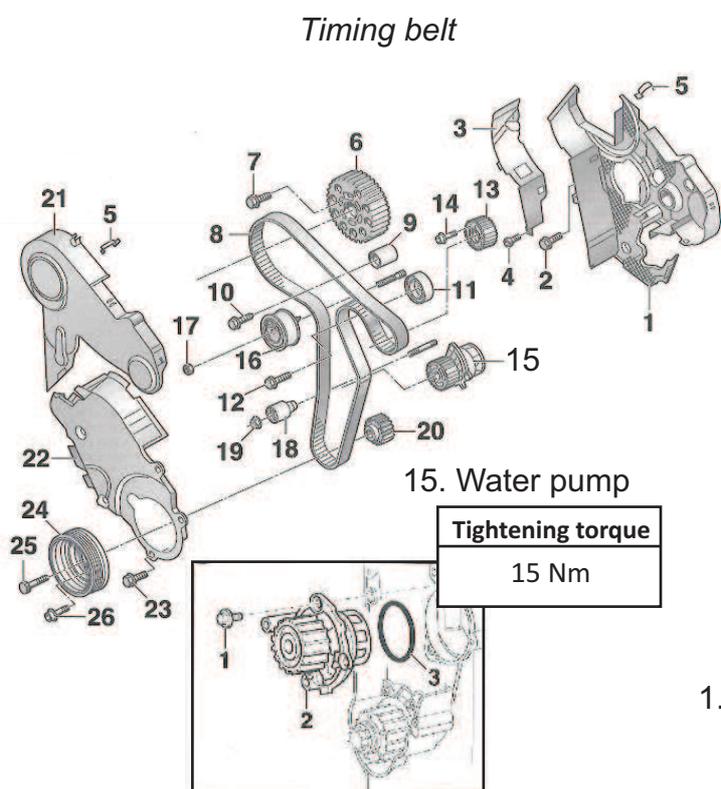


TECHNICAL INFORMATION SHEET

PART NUMBER: 1992

Skoda Octavia II - 1.6 TDi engine (CAYC)



Replacement of the Timing belt and Water pump

Replacement interval: every 210.000 km.

Specific tools:

- Specific tool to lock the crankshaft (FIG. 1) [1].
- Lock pin for the tensioner (FIG. 2) [2].
- Lever for the camshaft pulley (FIG. 3) [4].
- Lock pin for the camshaft pulley (FIG. 3) [3].
- Lock pin for the fuel injection pump pulley (FIG. 4) [5].

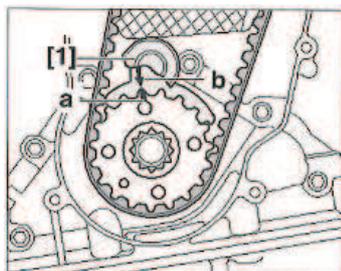


FIG. 1

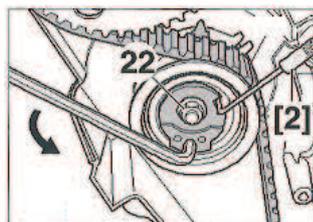


FIG. 2

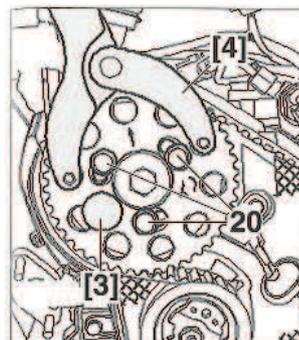


FIG. 3

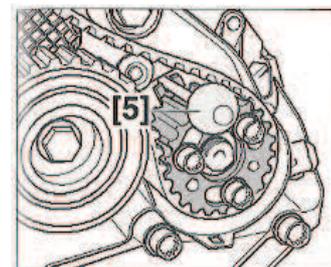


FIG. 4

NOTE: There're two types of tensioners. They're equivalent.

TECHNICAL INFORMATION SHEET

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 cover,...

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 nº1 is positioned at TDC.
- ② Place the specific tool (FIG. 1) [1] coinciding the reference marks a and b. Then, turn the crankshaft until the specific tool shaft is placed on the engine block housing.
- ③ Check that the reference mark "c" is positioned to the 12 o'clock position (FIG. 5).
- ④ Loosen the camshaft pulley bolts (FIG. 5) [20] and the fuel injection pump pulley bolts (FIG. 6) [21].
- ⑤ Loosen the tensioner nut (FIG. 2) [22] and turn the tensioner until your able to place the lock pin (FIG. 2) [2]. Then, dismount the timing belt and the water pump.

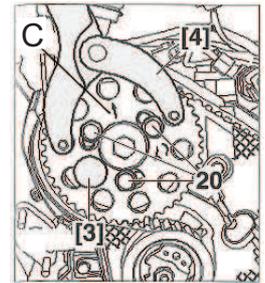


FIG. 5

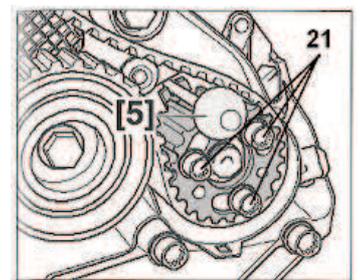
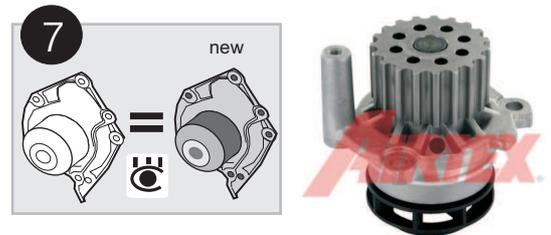


FIG. 6

AIRTEX RECOMMENDS:

- ⑥ Clean the coolant circuit and replace all belt drive components.



Assembly

- ① Place the lock pins to lock the camshaft and fuel injection pump pulleys (FIG. 5 and 6) [3 and 5]. Then, turn the pulleys clockwise until they are fully and completely tensed.
- ② Mount the timing belt starting at crankshaft pulley. Make sure the tensioner is placed correctly (FIG. 7). After, turn the tensioner until the reference marks are aligned and tighten the nut.
- ③ Turn camshaft and fuel injection pump pulleys counterclockwise until they are fully and completely tensed and tighten the bolts. After, remove the specific tools and rotate the crankshaft turning it 4 times. Mount the specific tools again to check the correct assembly.

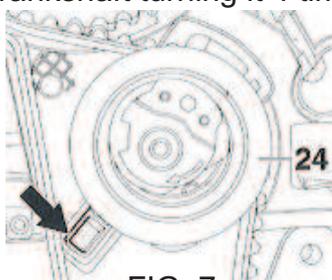


FIG. 7

- ④ Proceed with the rest of the assembly.

AIRTEX RECOMMENDS:

NOTE: Fill up the coolant circuit with antifreeze liquid before switching the engine.

