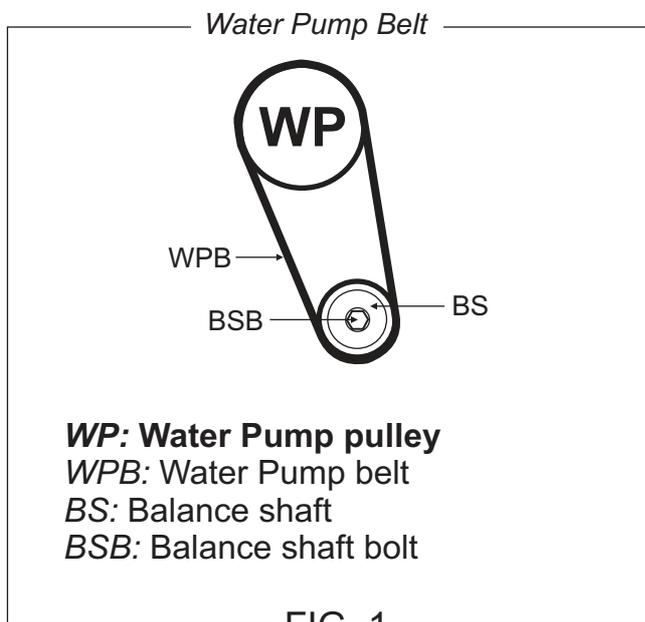
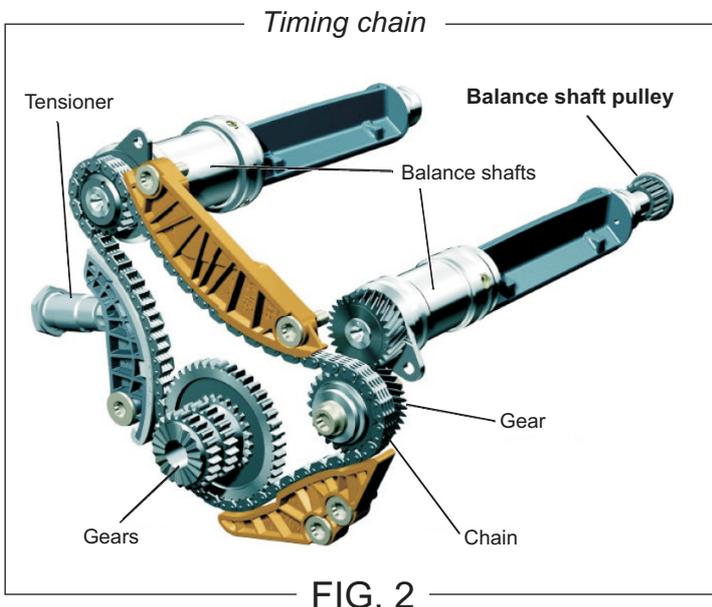


**TECHNICAL INFORMATION**

PART NUMBER:



- The Water Pump is driven by belt [FIG. 1] through balance shaft pulley [FIG. 2].



- The Water Pump is fitted in a coolant module [FIG. 3].

## TECHNICAL INFORMATION

### How to Remove the Water Pump Belt and Change Water Pump

#### **Specific tools:**

- Socket wrench to remove balance shaft bolt.

#### **Disassembly**

The first steps, the most common for vehicles, are to disconnect the battery and dismount all necessary components to gain access to water pump belt. 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 remove the water pump cover [FIG. 4].

- 2 Hold the crankshaft pulley so that the engine does not turn and remove balance shaft bolt (BSB) [FIG. 1].

**NOTE:** The balance shaft bolt has left hand thread.



FIG. 4

- 3 Remove balance shaft pulley (BS) [FIG. 1] and water pump belt (WPB) [FIG. 1].

- 4 Remove water pump [FIG. 5].

#### **AIRTEX. RECOMMENDS:**

- 5 Clean the coolant circuit.

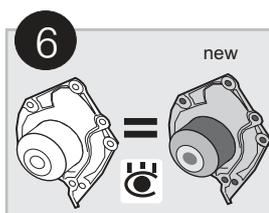


FIG. 5

#### **Assembly**

- 1 Fit the Water Pump to the tightening torque (9 Nm).
- 2 Mount the belt at water pump pulley and balance shaft pulley. Then, fit the balance shaft pulley at shaft.
- 3 Hold the crankshaft pulley so that the engine does not turn and mount the balance shaft bolt to the tightening torque (10 Nm + 90°).
- 4 Proceed with the rest of the assembly.

#### **AIRTEX. RECOMMENDS:**

**Pleased Note:** Fill up the coolant circuit with coolant liquid before switching on the engine.

