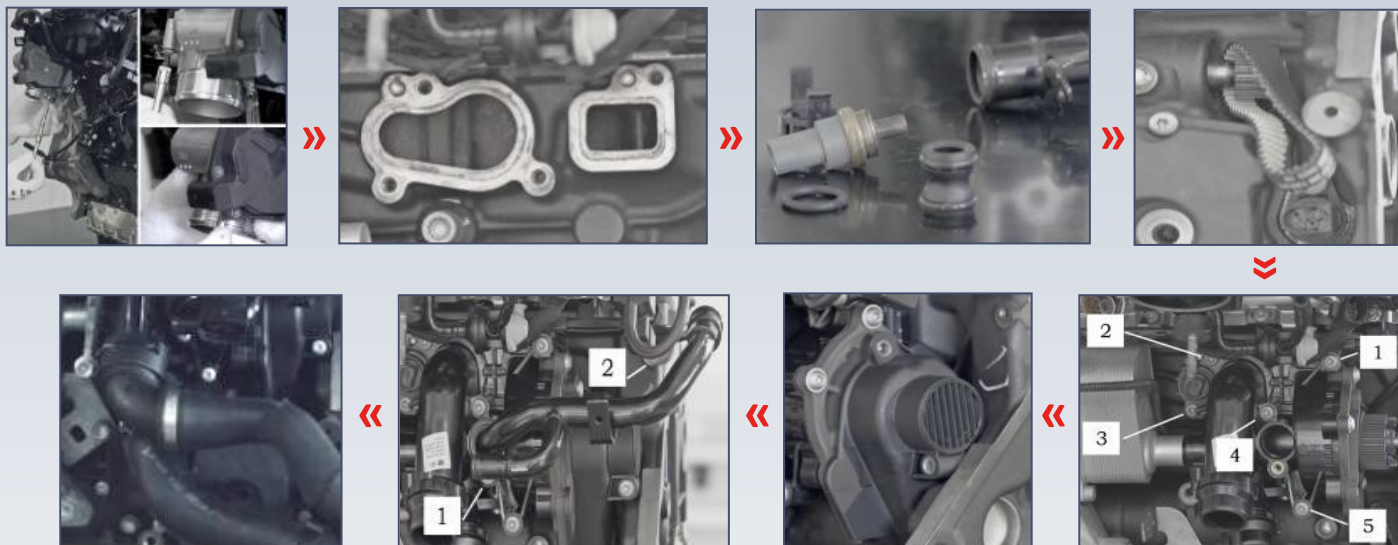


The assembly of the water pump must be carried out in the following steps:

- 1 Make sure that the vehicle is not in operation and the antifreeze solution has cooled down.
- 2 Disassemble the water pump in the correct order according to the pictures below.
- 3 Clean the mounting surface and check the fixing pins.
- 4 If necessary, install the water pump sensor and fit the synchronous belt.
- 5 Connect the pump assembly to the mounting surface, place all screws and tighten as shown in Figure 5.
- 6 Install the protective cover.
- 7 Install the warm air tube and coolant tube to complete the assembly replacement.



### Safety instructions:

- Fill the antifreeze after installation according to national standards.
- Do not apply any sealant when installing the sealing ring.
- The screw, for fastening the toothed belt drive wheel, has a left-hand thread and must be replaced after each change. Furthermore, the screw must be tightened with 10 Nm + 90° rotation angle. The special tool T10360 is required for this. All other screws must be tightened to 9 Nm. (see figure 5)

Improper installation of the water pump can cause the housing to break. Serious consequential damage can occur due to the loss of cooling capacity, e.g. engine damage.



**Caution!**

**It is essential to observe the following instructions during installation:**

- All seals of this water pump are designed for use with coolant only. They must never be oiled, e.g. with engine oil.
- The environment of the installation site and the coolant must also be free of contamination with oil.
- Contact with oil can cause the seals to swell in their groove and the pump casing to break.
- Do not use any additional sealants. The pump may leak.

