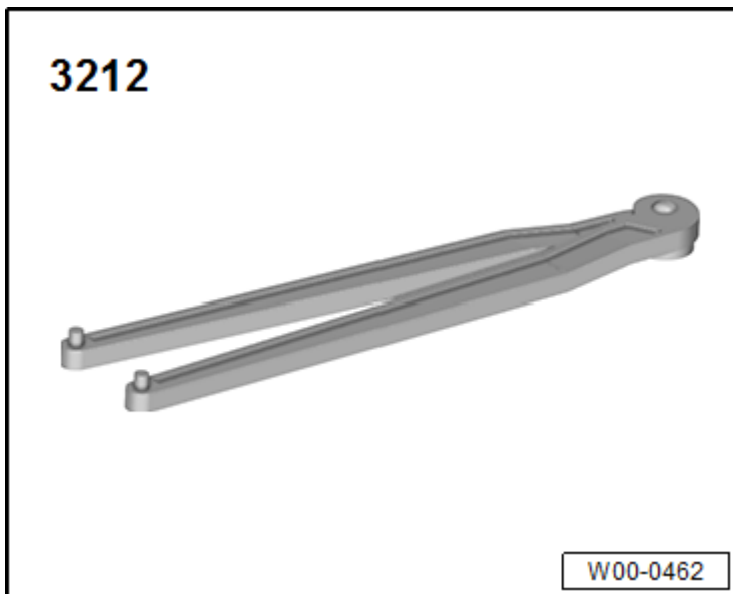


Removing and installing coolant pump

Special tools and workshop equipment required

- ◆ Pin wrench -3212-



Removing

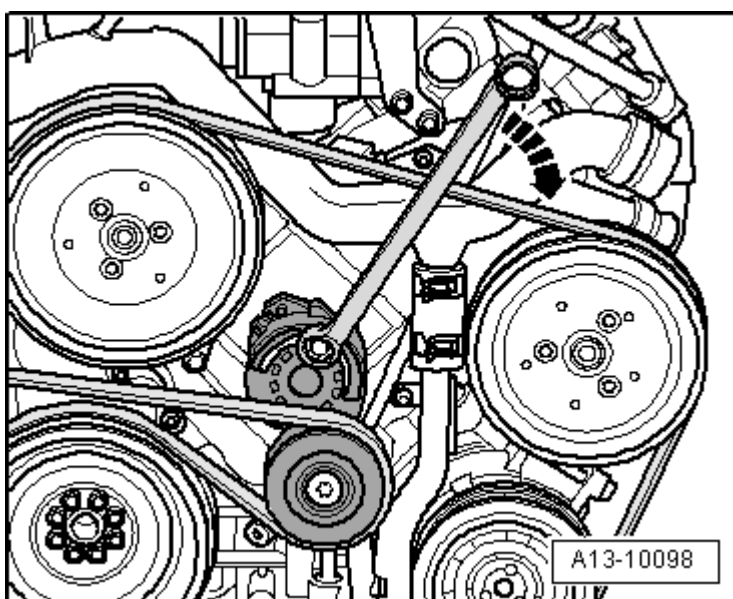
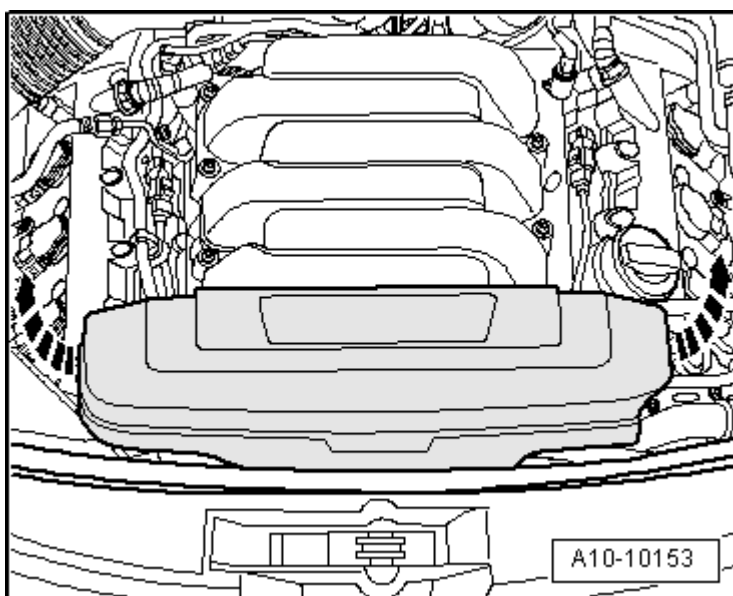
- Drain off coolant → [Chapter](#).
- Pull off engine cover panel (front) -arrows-.



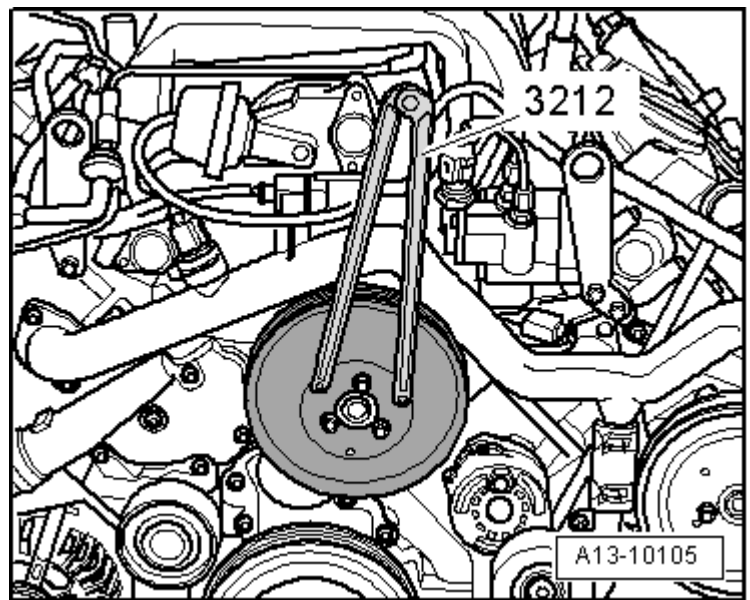
Note

Before removing, mark direction of rotation of poly V-belt with chalk or felt-tipped pen. If the belt runs in the opposite direction when it is refitted, this can cause breakage.

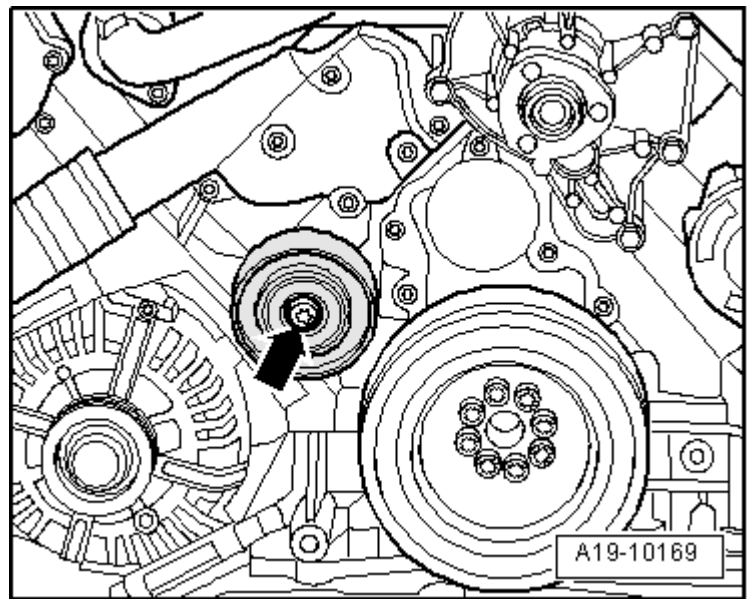
- To slacken poly V-belt turn tensioner in direction of -arrow-.
- Remove poly V-belt from coolant pump.
- Release pressure from the tensioner.



- Unbolt belt pulley from coolant pump.
- Use pin wrench -3212- to counterhold pulley when loosening bolts.



- Prise off cap.
- Unscrew bolt -arrow- and detach idler roller.



- Unscrew bolts -arrows- for coolant pump and detach coolant pump.

Installing

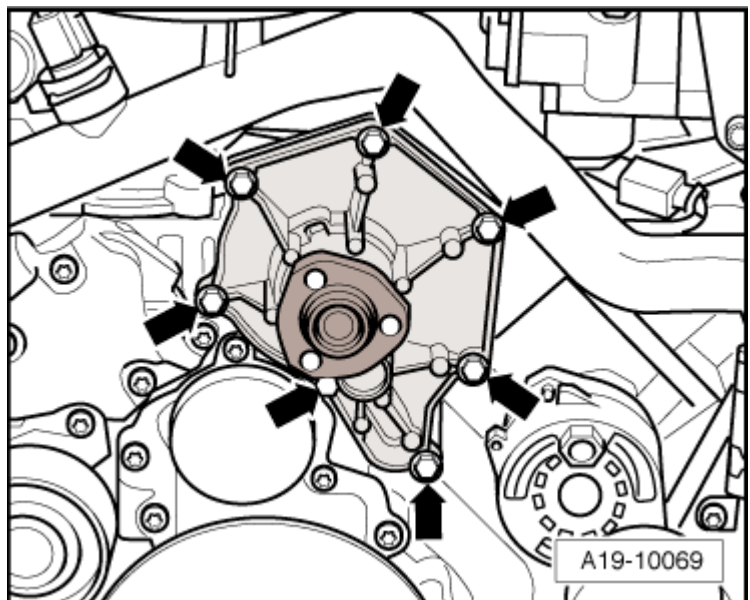
Installation is carried out in the reverse order; note the following:

- Clean sealing surfaces; they must be free of oil and grease.

 **Note**

If the old coolant pump is to be re-installed, clean the sealing surface and apply an approx. 1.5 mm thick bead of sealant in addition to the vulcanised seal.

- Install poly V-belt → [Chapter](#).
- Fill cooling system → [Anchor](#).



Tightening torques

Component	Nm
Coolant pump to cylinder block	9
Poly V-belt pulley to coolant pump	20
Idler roller to cylinder block	40