

NOTE

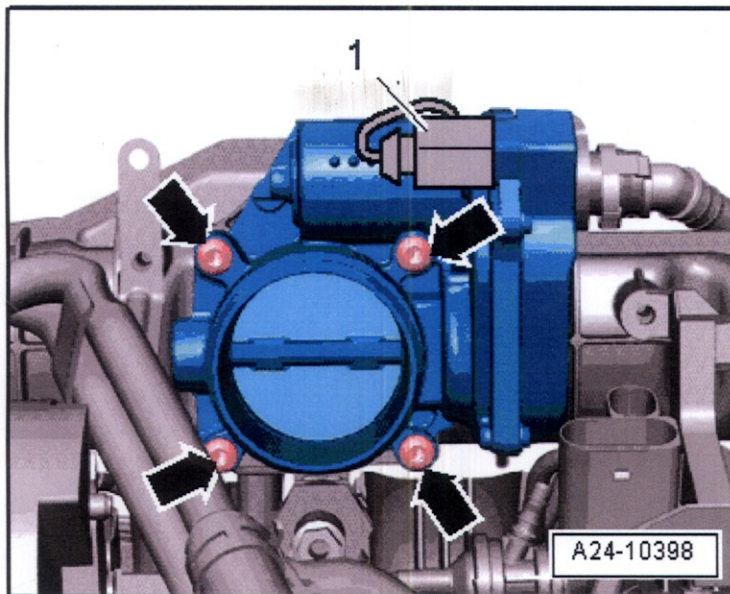
For Vehicles with:

- **Engine:** CBFA; **EngineLiters:** 2.0L
- **Engine:** CCTA; **EngineLiters:** 2.0L
- **Transmission:** 02E
- **Transmission:** 02Q
- **Transmission:** 09G
- **Transmission:** 09M
- **Transmission:** 09MA
- **Transmission:** 0A6

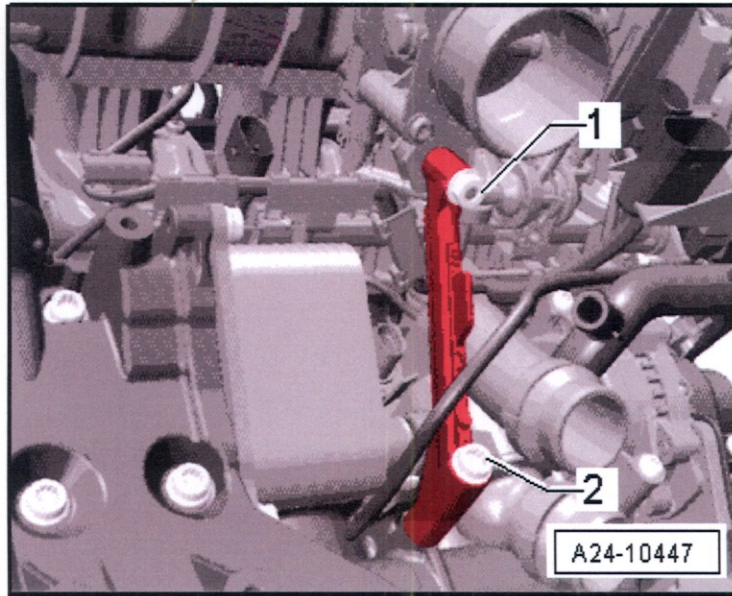
Coolant Pump

Removing

- ▶ Remove the small coolant pipe. Refer to [Small Coolant Pipe](#). **1A**
- ▶ Disconnect the electrical connector **1** from the **throttle valve control module J338**.



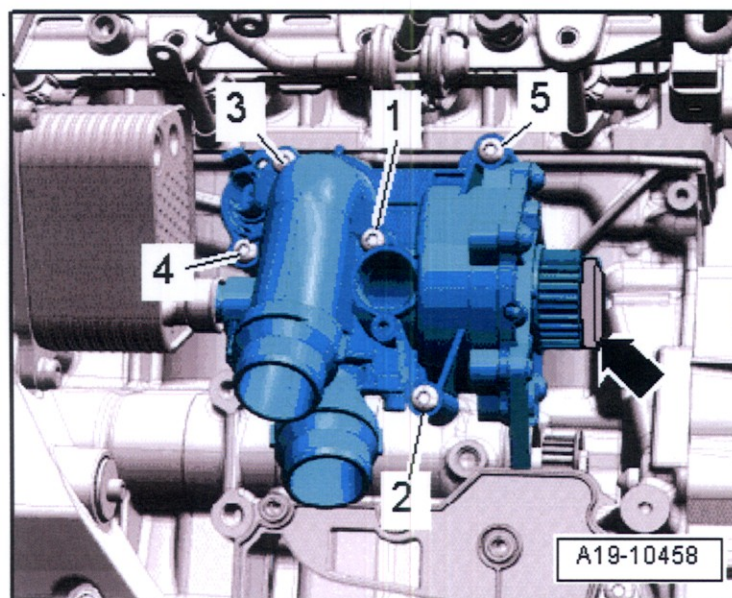
- ▶ Remove the bolts **arrows** and remove the throttle valve control module.
- ▶ Remove the coolant pump toothed belt. Refer to [Coolant Pump Toothed Belt](#). **1B**
- ▶ Remove the nut **1**, bolt **2** and intake manifold support.



- Remove the bonded rubber bushing for the intake manifold support on the intake manifold.
- Remove the **engine coolant temperature sensor G62**.

Inserted version, refer to [\(see more...\)](#). Threaded version, refer to [\(see more...\)](#).

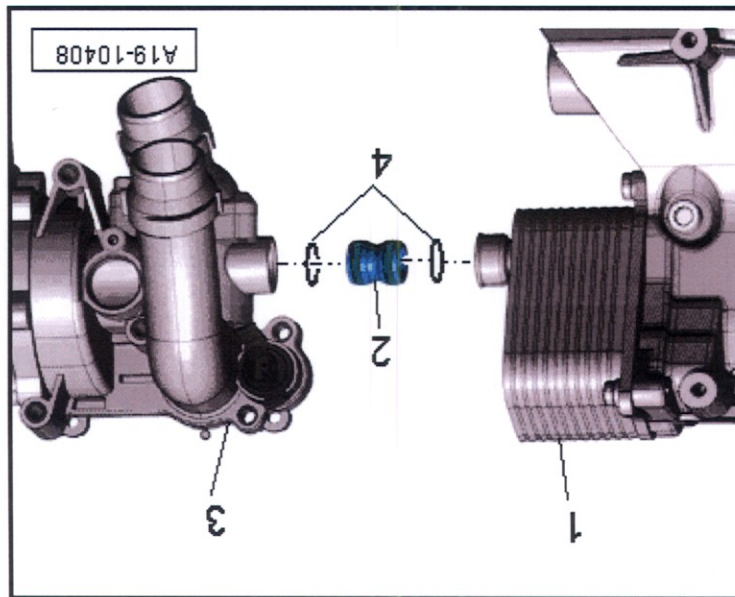
- Remove the bolts **1 through 5**.



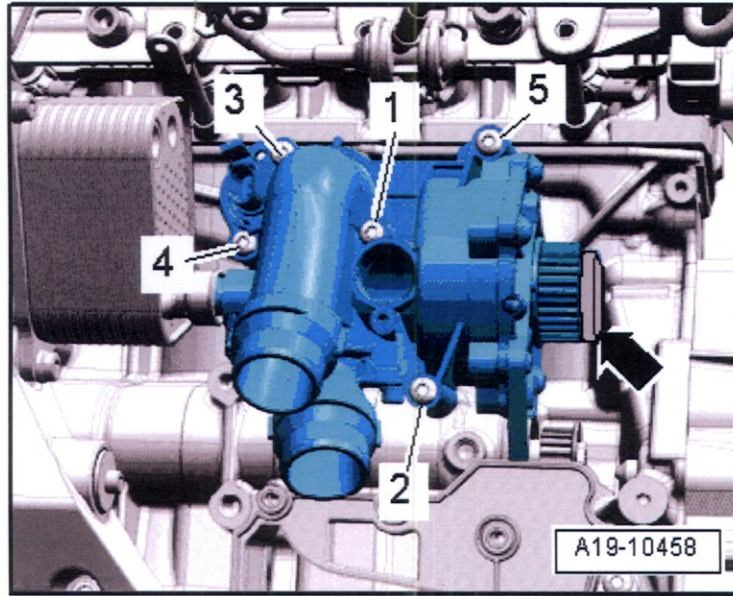
- Remove the coolant pump from the centering pin and remove the engine oil cooler.

Installing

- Replace the gaskets and O-rings.
- Lubricate the O-rings 4 with coolant.



- Make sure both centering pins are installed in the cylinder block.
- Install the connecting piece 2 into the engine oil cooler 1.
- First slide the coolant pump 3 onto the connecting piece and then onto the centering pins in the cylinder block.
- Using a mirror, check if the coolant pump is seated correctly on the centering pins.
- Tighten the bolts in sequence 1 through 5.



- If a new coolant pump was installed, then the protective cap **arrow** must be removed.

The rest of the installation follows the reverse of the removal procedures.