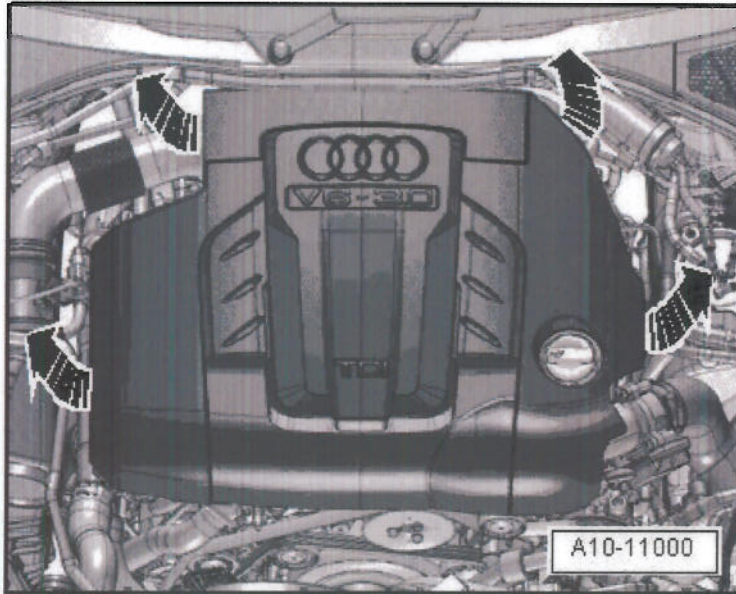


Engine Coolant Temperature Sensor on Radiator (G83)

Removing

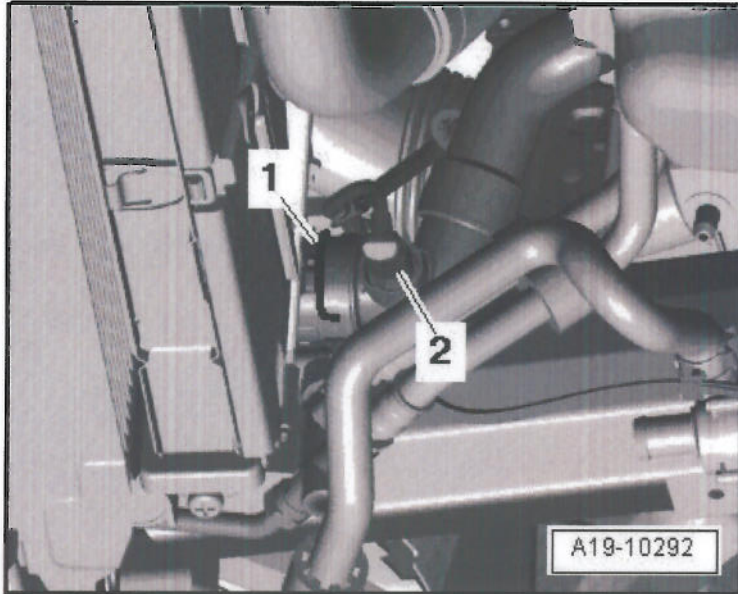
- ▣ Engine cold.
 - Briefly open the coolant reservoir cap to reduce the residual pressure in the coolant system.
 - Carefully pull the engine cover - **arrows** - off the 4 bolts one after the other.



- ▣ Lay a cloth below to catch escaping coolant.

Vehicles Built through 05.10

- Disconnect the connector - 2 -.

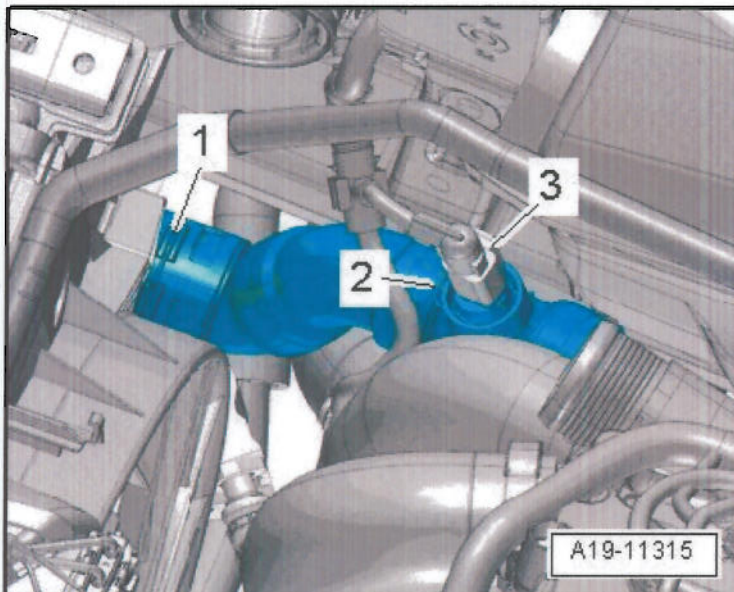


- Remove the clamp and remove the engine coolant temperature (ECT) sensor on radiator.

▣ Ignore - 1 -.

Vehicles Built from 06.10

- Disconnect the connector - 3 -.



- Remove the retaining clip - 2 - and the ECT sensor on radiator.

- Ignore - 1 -.

Installing

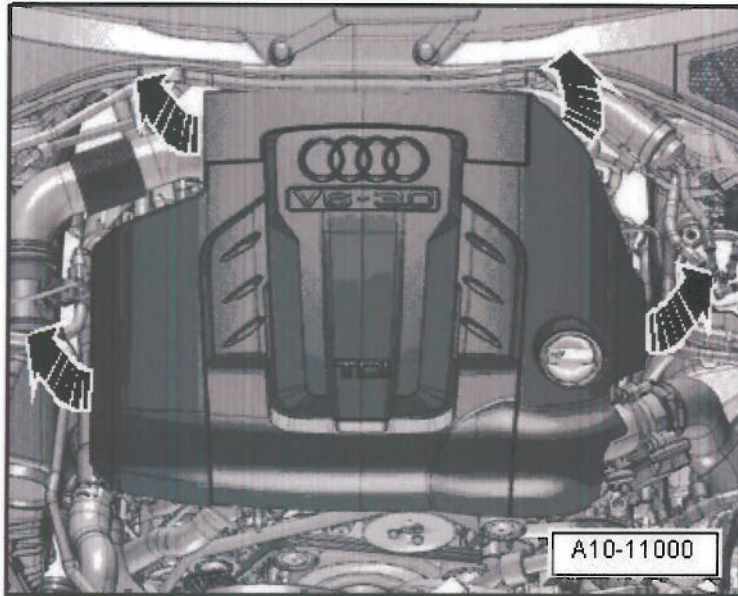
Install in reverse order of removal. Note the following:

- Replace O-ring.
- Insert the new ECT sensor on radiator immediately in the connection to prevent coolant loss.
- Check the coolant level => [Check the coolant level.] [See: Service and Repair Procedures.](#)

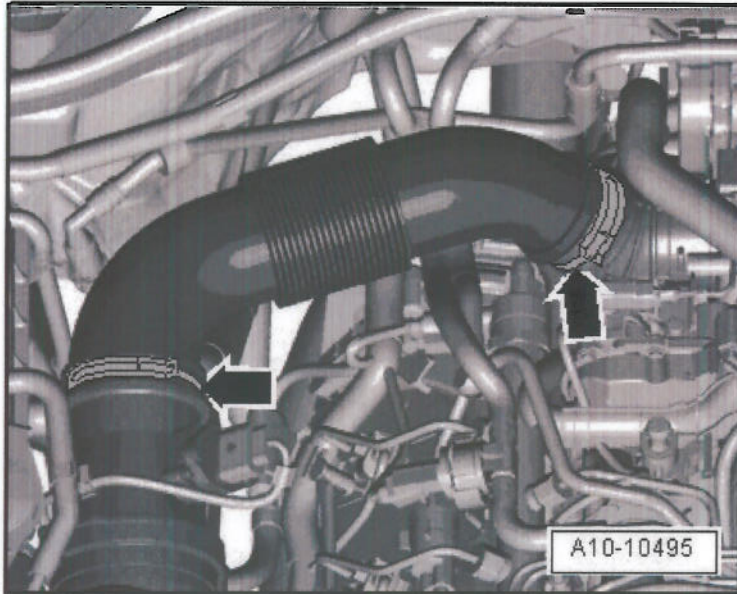
Engine Coolant Temperature Sensor (G62)

Removing

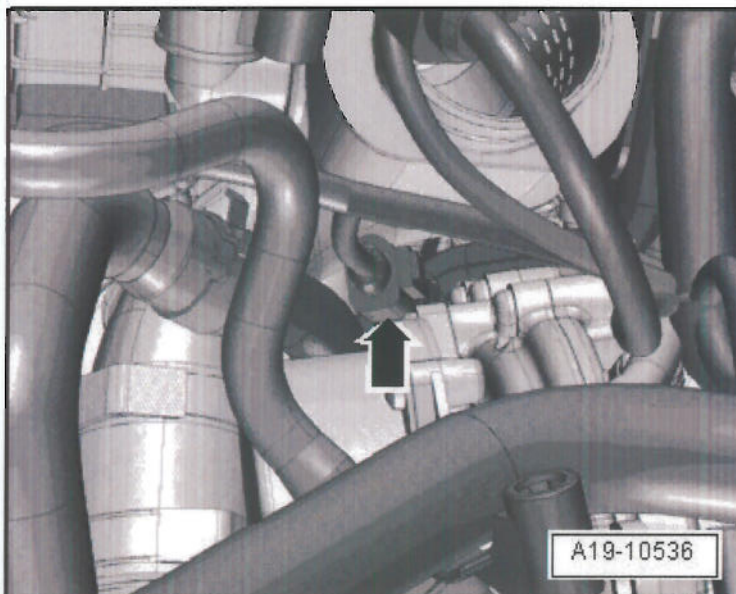
- Engine cold.
 - Briefly open the coolant reservoir cap to reduce the residual pressure in the coolant system.
 - Carefully pull the engine cover - **arrows** - off the 4 bolts one after the other.



- Remove the air guide hose by loosening the hose clamps - **arrows** -.



- Disconnect electrical connector - arrow -.



- Remove the Engine Coolant Temperature (ECT) sensor (G62).

Installing

Install in reverse order of removal. Note the following:

- Tightening specifications, refer to => [Coolant Pipes Overview] [See: Coolant Line/Hose/Service and Repair/Coolant Pipes Overview](#).
- Replace O-rings.
- To prevent coolant loss, immediately turn the new ECT sensor into the thread.

- The hose connections as well as the air guide pipes and hoses must be free of oil and grease before installing.
- Secure all hose connections with hose clamps appropriate for the model, refer to the Parts Catalog.

- Check the coolant level => [Check the coolant level.] [See: Service and Repair Procedures.](#)