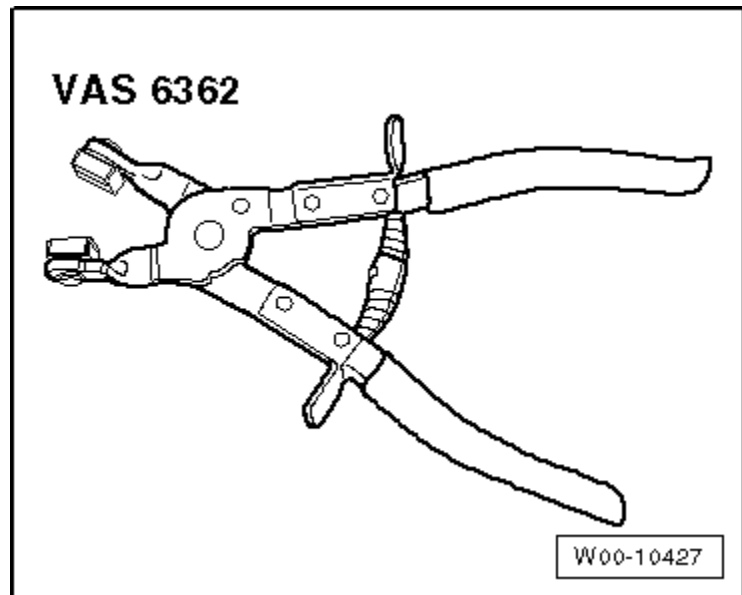


Removing and installing thermostat

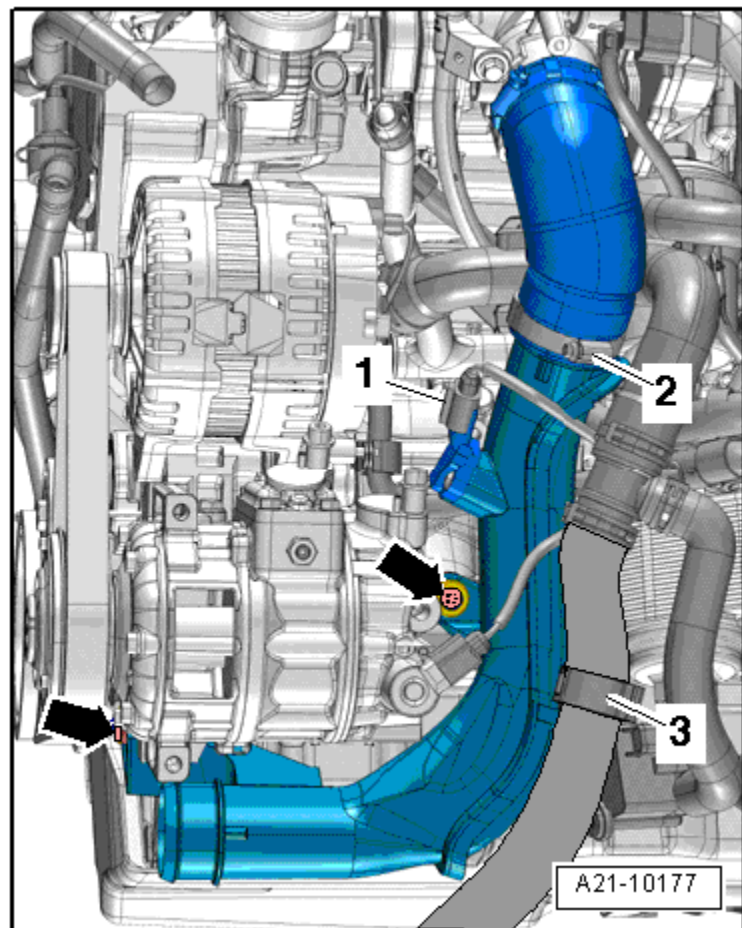
Special tools and workshop equipment required

- ◆ Hose clip pliers -VAS 6362-



Removing

- Drain coolant → [Chapter](#).
- Remove bolts -arrows-.
- Move coolant hose -3- clear.
- Loosen hose clip -2-.
- Unplug electrical connector -1- at charge pressure sender -G31- and detach air pipe (front).

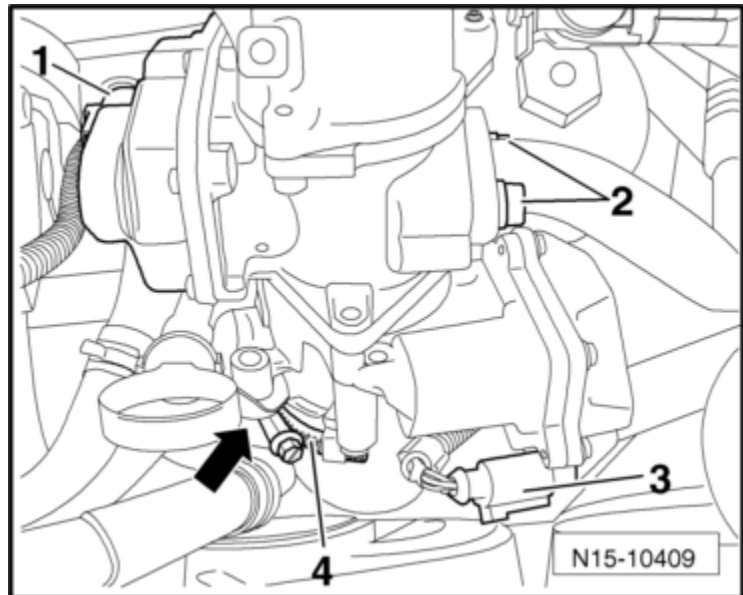


- Unplug electrical connector -3- at intake manifold flap motor -V157-.
- Release hose clip -4- and disconnect air hose from intake manifold flap motor -V157-.
- Remove bolt -arrow- for dipstick guide tube.

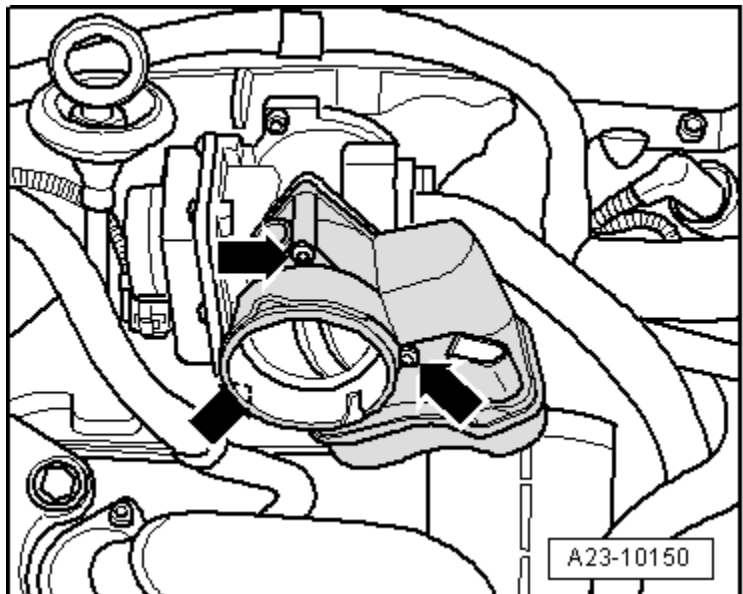


Note

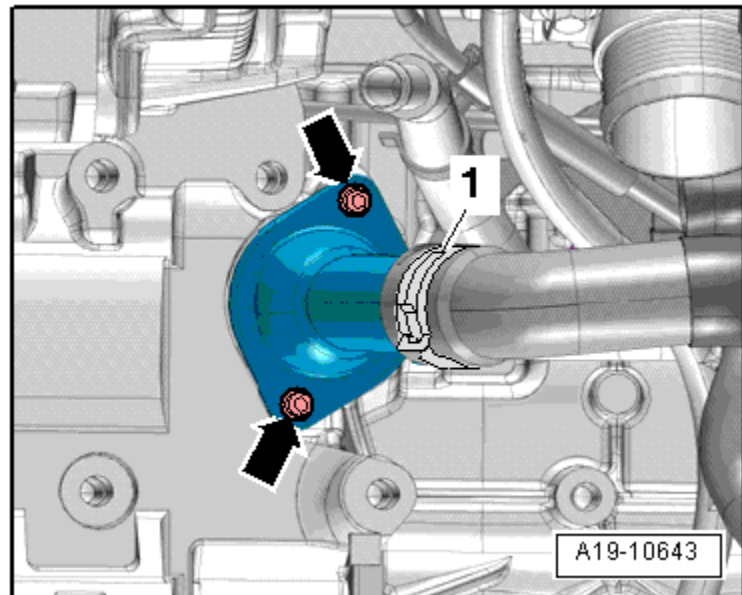
Disregard -items 1, 2-.



- Unscrew bolts -arrows- and detach intake manifold flap motor -V157-.



- Release hose clip and detach coolant hose -1- from connection.
- Unscrew bolts -arrows- and remove connection.



- Turn thermostat -2- approx. 15° clockwise -arrow- and take thermostat out of connection.
- Detach O-ring -1-.

Installing

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

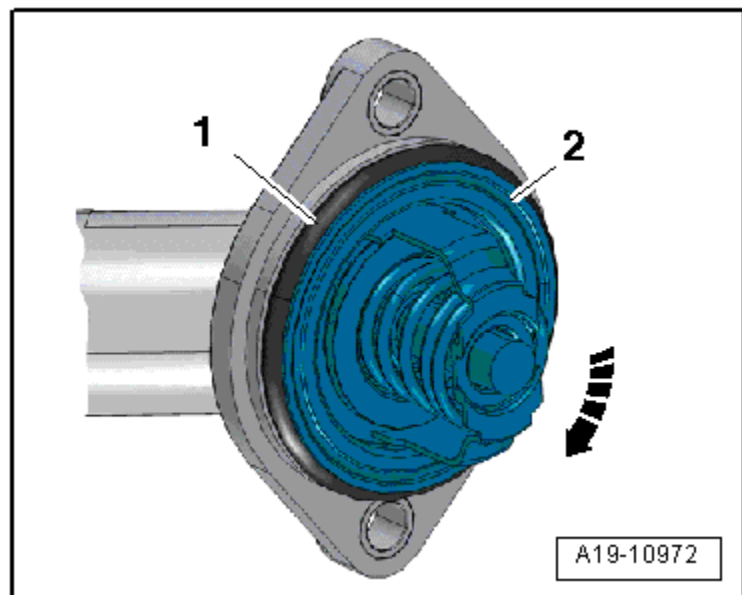
- Tightening torque → Chapter „Exploded view - coolant pump and thermostat“



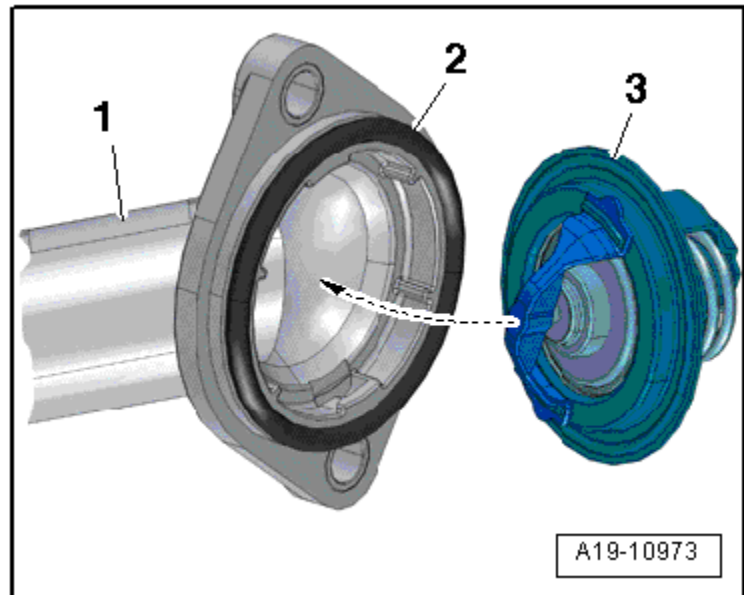
Note

Fit new O-ring.

- Clean and smoothen sealing surface for O-ring.
- Lubricate O-ring with coolant.



- Fit thermostat -3- with O-ring -2- into guide at connection -1-.



- Turn thermostat -1- anti-clockwise -arrow- as far as stop.
- Install intake manifold flap motor -V157- → Rep. gr.23.
- Install air pipe (front) → Chapter.
- Install air hose with plug-in connector → Fig..
- Install radiator cowl → Chapter.
- Fill up with coolant → Anchor.

