

Removing and installing engine control unit - J623- with protective housing



Note

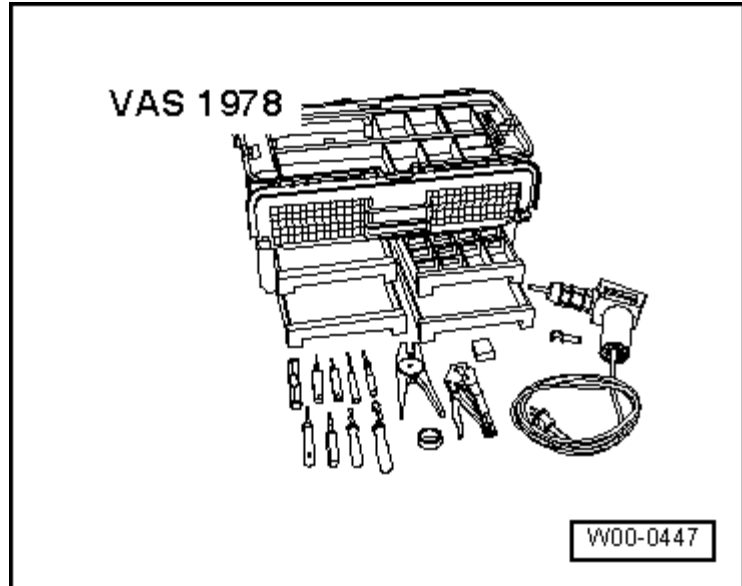
If you wish to renew the engine control unit, please carry out the "Renew engine control unit" guided function → [Vehicle diagnostic tester](#).

Special tools and workshop equipment required

- ◆ Hot air blower from wiring harness repair set -VAS 1978-
- ◆ Nozzle attachment from wiring harness repair set -VAS 1978-
- ◆ Grip pliers

Removing

- Switch off ignition.
- Remove wiper arms → [Electrical system; Rep. gr.92](#).
- Remove plenum chamber cover → [General body repairs, exterior; Rep. gr.50](#).
- Cover engine compartment in the area of the engine control unit in order to prevent paintwork from being scratched.
- Unscrew bolts and remove engine control unit upwards.



Note

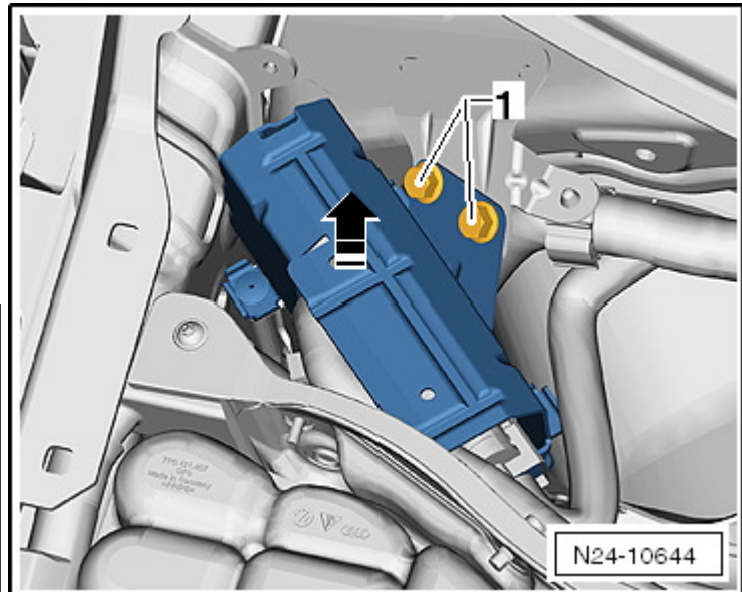
The shear-head bolt threads are coated with locking compound. Heating the shear-head bolt with a hot air blower releases the locking effect of the locking compound.



Caution

Make sure that no components are damaged due to burning.

When shear-head bolts are heated up, parts of the protective housing will be subjected to a large amount of heat. Wear protective gloves to avoid injury.



- Heat shear-head bolt -arrow- with the help of a hot-air blower.
- Fit clamping pliers to end of bolt -1- and loosen bolt.

- Bend down metal edges of protective housing and unscrew bolts.

Installing:

- Renew protective housing.
- Install new protective housing with new shear-head bolts.
- Evenly tighten shear-head bolts until bolt heads shear off.
- Insert engine control unit into plenum chamber.
- Install plenum chamber cover →[General body repairs, exterior; Rep. gr.50.](#)
- Install wiper arms →[Electrical system; Rep. gr.92.](#)

