

## Energy Management Control Module -J644-

### Removing



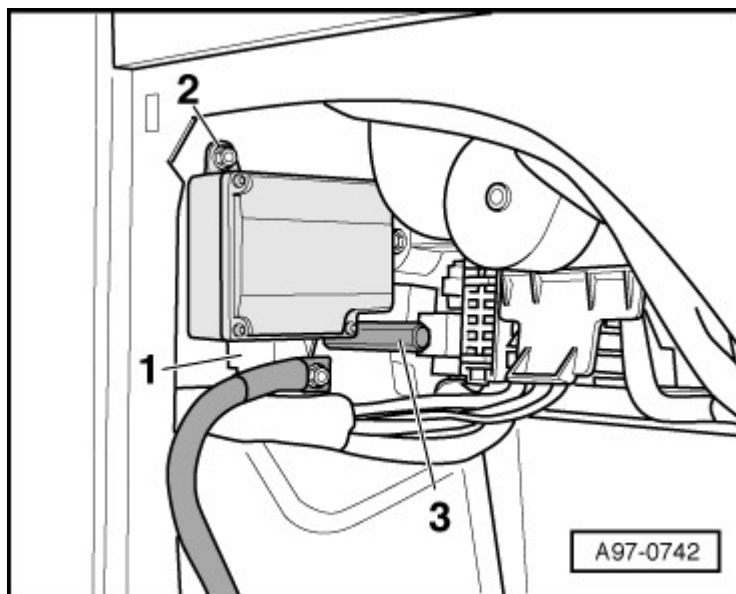
#### Note

While removing and installing, no charger must be connected.

- If the energy management control module -J644- was replaced, select the “Replace” function for the corresponding control module in the “Guided Fault Finding” or “Guided Functions” operating mode with the Vehicle Diagnostic Tester.
- Select the function or path:

Vehicle brand			
		Engine identification	
			61 - Battery regulation
			J644 - Replacing the control module

- Follow the instructions on the Vehicle Diagnosis Tester display.
- With ignition switched off, disconnect battery ground (GND) wire. Refer to → [Chapter „Battery, Disconnecting and Connecting“](#).
- Remove ground stud -3- and nut -2-.
- Detach energy management control module.
- Disconnect electrical connector -1-.
- Detach ground cable of battery from energy management control module.



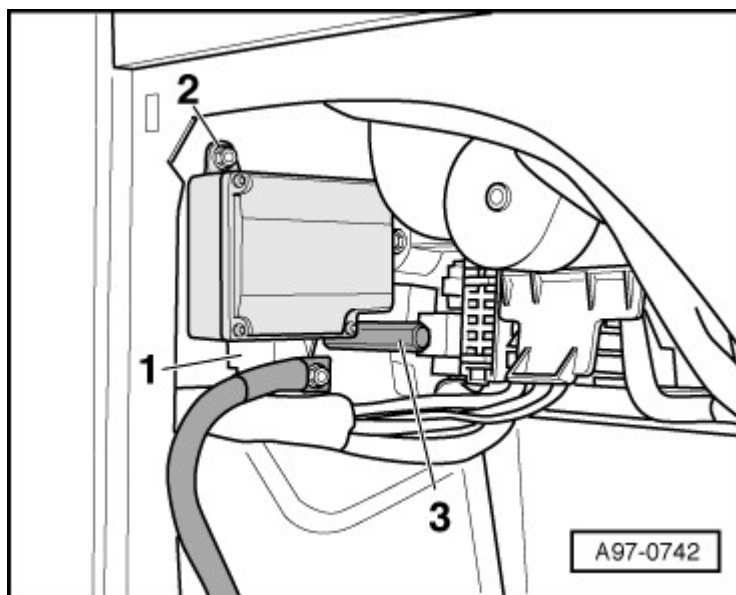
### Installing

When installing, always heed the following sequence, otherwise proper function of energy management control module cannot be guaranteed.

- 1 - Disconnect the battery ground cable from the energy management control module.
- 2 - Install energy management control module by installing and tightening ground stud -3- and nut -2-.
- 3 - Connect ground (GND) wire to battery.
- 4 - Connect connectors -1- on energy management control module.
- 5 - Perform necessary steps after connecting battery. Refer to → **Anchor**.

If energy management control module was replaced, it must be coded with the Vehicle Diagnostic Tester.

- Select the function or path:



Vehicle brand			
		Engine codes	
			61 - Battery regulation
			J644 - Energy management, coding

- Follow the instructions on the Vehicle Diagnosis Tester display.

### Tightening Specifications

Component		Nm
Control module	Ground (GND) pin	20
	to chassis	7.5
Ground (GND) wire to control module		9