

Removing and installing battery

Removing

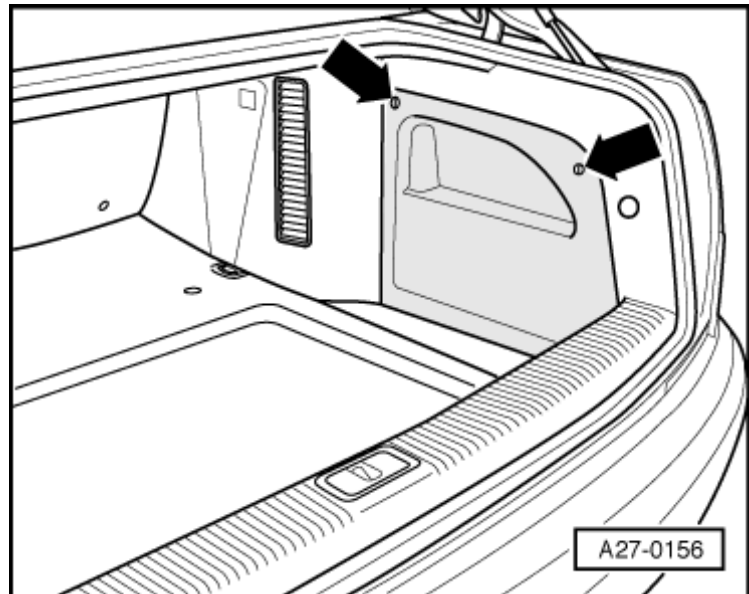


Caution

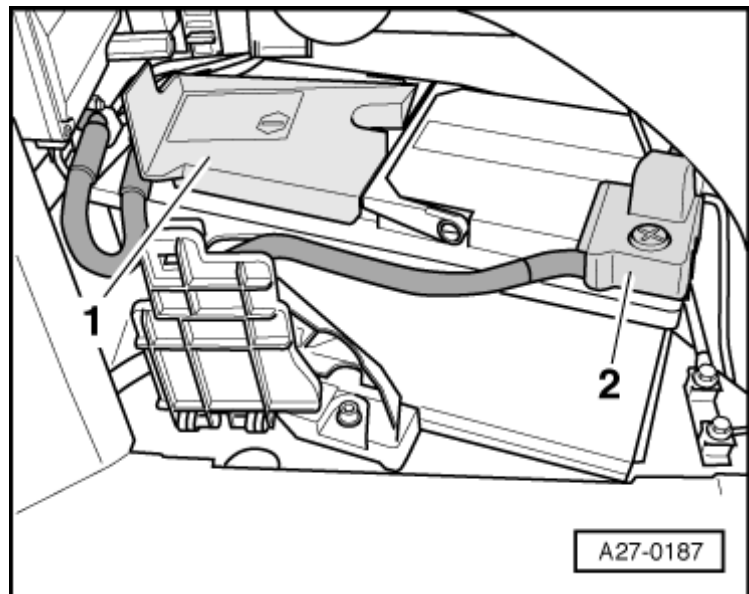
On vehicles with telematics system, activate service mode for telematics control unit in “Guided Functions” before disconnecting battery → [Vehicle diagnostic tester](#).

- Switch off ignition and take out ignition key.

- Remove cover for luggage compartment side trim (right-side) - arrows-.



- Remove covers -1- and -2- above battery.



- Connect battery charger to provide back-up power supply → [Chapter](#).
- Disconnect earth cable -2- and positive cable -4- at battery.
- Disconnect hose -3- for central gas venting system.
- Unscrew bolt -1- on battery retainer plate.
- Lift battery out of luggage compartment (right-side).



WARNING

Observe environmental requirements.

When disposing of used batteries, always observe the required disposal procedures for batteries and sulphuric acid → [Electrical system; General information; Rep. gr.27; Battery.](#)

Installing

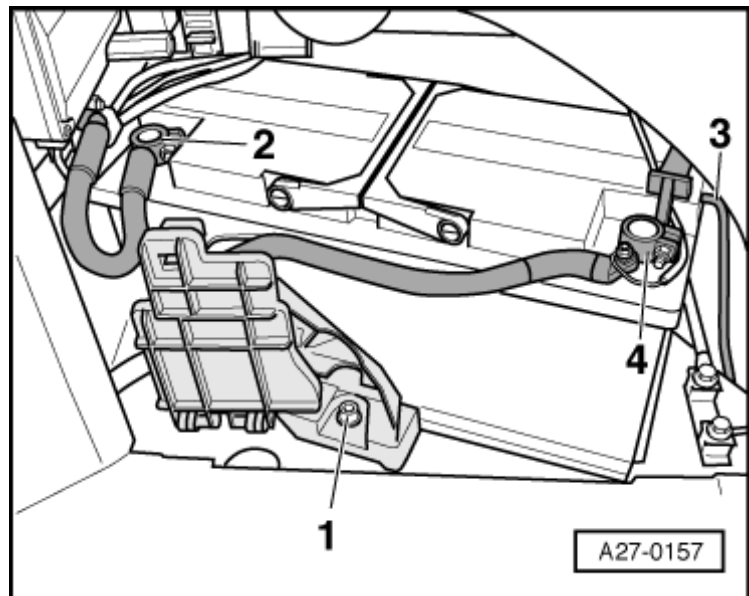
Installation is carried out in the reverse order; note the following:



Note

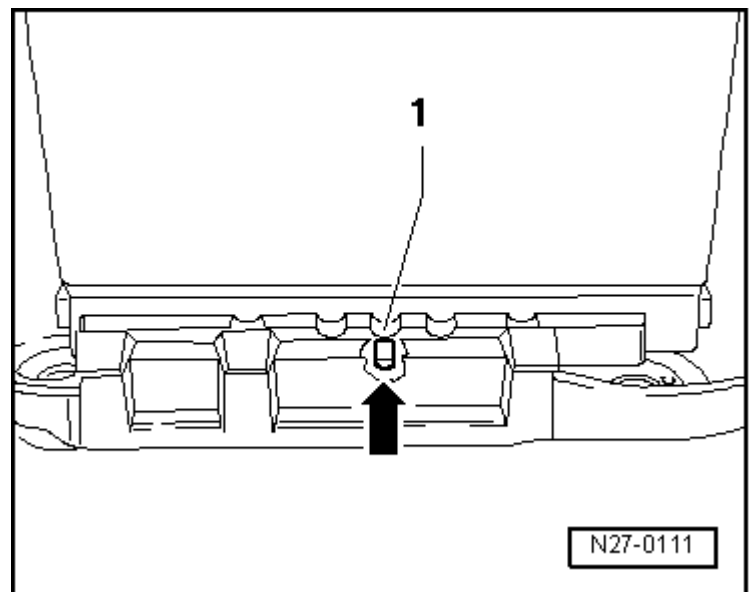
We recommend using the battery indicated in the electronic parts catalogue to ensure optimum operation of the energy management control unit -J644-.

Batteries from the Audi parts range feature a base strip adapter for matching to different retainer flanges. The battery operating instructions give details of when and how to use the base strip adapter.



Insert battery in battery carrier so – that lug at rear of battery carrier - arrow- engages in recess in battery base strip -1-.

It should no longer be possible to move the battery.



– Secure battery retainer plate with bolt -1-.

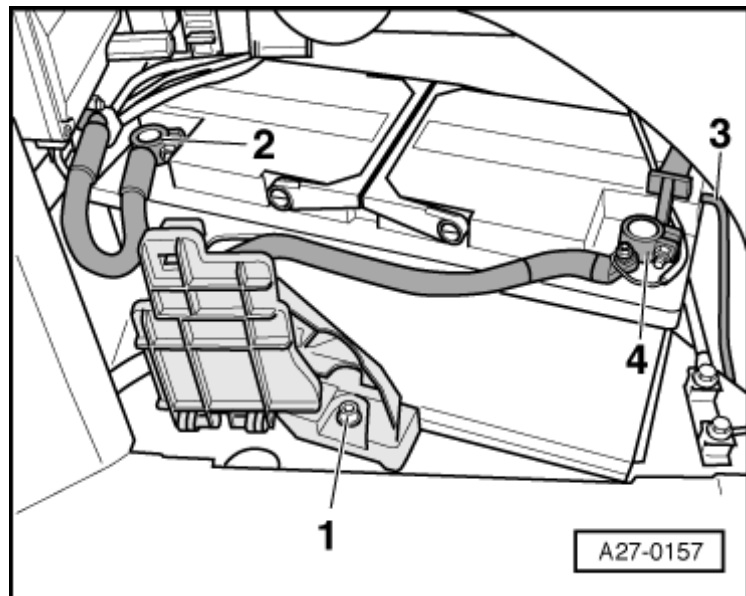


Note

Lug on battery retainer plate must engage in recess on battery base strip.

Connect up battery in the following sequence with ignition and electrical equipment switched off:

- First connect battery clamp -4- of positive cable by hand to positive battery terminal “+” and tighten nut.
- Attach battery clamp -2- on earth cable to negative battery terminal “–” by hand and tighten nut.
- Attach hose -3- for central gas venting system.
- Check that battery is firmly secured following installation.
- Switch off back-up power supply from battery charger.
- If the battery is renewed, the new battery must be adapted → [Vehicle diagnostic tester](#).



Procedure

→ [Vehicle diagnostic tester](#) is connected.

- Select Diagnosis mode and start diagnosis.
- Select Test plan tab.
- Select Own test then the following options one after the other:

t Body

t Electrical system

t 27 - Starter, current supply

t Electrical components

t A - Adapt battery after replacing

Further instructions are given by

→ [Vehicle diagnostic tester](#).

If battery was removed and installed without back-up power supply, perform following procedures after connecting the battery:

Deactivate service mode for

t telematics control unit in “Guided fault-finding”.

Activate automatic open/close

t function of electric window regulators - see → [Owner's Manual](#).

t Turn the ignition key in ignition lock once to the left as far as the stop.

Synchronise spare keys and

t additional keys to ensure correct remote control operation.

t

Interrogate event memories of all control units and erase “Low voltage” event if displayed
→ [Vehicle diagnostic tester](#).



Note

After reconnecting the voltage supply, it is possible that the ESP warning lamp will not go out until the vehicle has been driven several metres.

Energy management control unit -J644
- must be re-encoded if the battery is renewed → [Vehicle diagnostic tester](#).

Tightening torques

Component	Nm
Bolt to retainer plate	24
Battery clamp to battery terminal	6