

# AUDI

## 2004-09 A8 & A8 Quattro

### PRECAUTIONS

**Warning:** Acid has strong corrosive properties. If batteries are handled inappropriately, there is a risk that personal injury may result from exposure to harmful electrolyte influences.

**Warning:** If electrolyte drips out from battery, skin can be burned by acid, and vehicle may be affected by acid erosion and corrosion. It is a possibility that safety-related vehicle components can be damaged.

**Warning:** The gas resulting from charging and partially after charging is explosive. In extreme cases, if battery is handled inappropriately, the emitted gases may cause battery to explode.

**Warning:** Danger of personal injury when engine starts automatically. When Start/Stop System is activated (indicator lamp in instrument cluster is on), engine can start up automatically. Always ensure Start/Stop System is deactivated whenever working on vehicle. Switch off ignition.

**Caution:** Only perform battery procedures in suitable and well-ventilated locations.

**Note:** The ABS lamp may be illuminated after reconnecting battery, but will go out after vehicle is driven a short period.

### BATTERY

#### Removal

**Warning:** On models equipped with

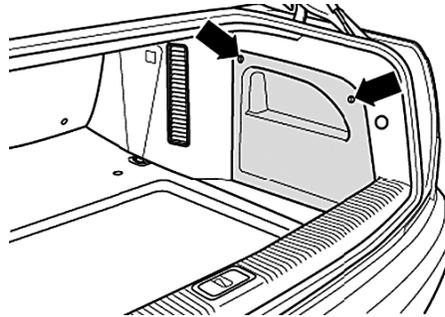


Fig. 1 Side cover removal

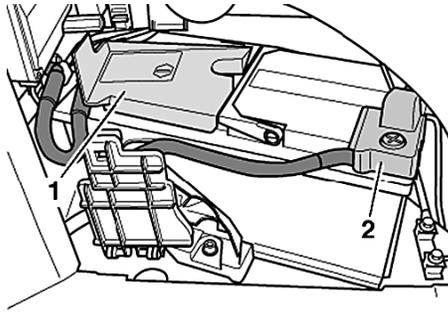
**Audi Telematics, the emergency (back-up) battery for the telematic control module must be switched off prior to disconnecting vehicle battery. A suitable scan tool is required to switch off the emergency (back-up) battery.**

1. Record radio station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove righthand luggage compartment side trim cover (arrows), **Fig. 1**.
5. Remove covers (1) and (2) over battery, **Fig. 2**.
6. Disconnect ground cable (2) and positive cable (4) at battery, **Fig. 3**.
7. Disconnect central gas venting system tube (3), **Fig. 3**.
8. Remove bolt (1) at battery bracket, **Fig. 3**.
9. Lift battery out of righthand luggage compartment.

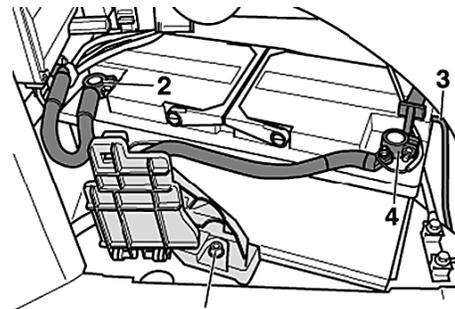
### Installation

**Warning:** On models equipped with Audi Telematics, the emergency (back-up) battery for the telematic control module must be switched on after connecting vehicle battery. A suitable scan tool is required to switch on the emergency (back-up) battery.

1. Turn off all lamps and accessories.
2. Turn ignition switch to OFF position.
3. Insert battery in battery bracket so that lug of battery bracket engages at rear in recess of battery base strip. It should not be possible to move battery.
4. Connect positive cable terminal clamp (4) by hand to battery positive terminal and tighten nut, **Fig. 3**.
5. Install ground cable (2) on battery pole and tighten nut, **Fig. 3**.
6. Connect central venting system hose (3), **Fig. 3**.
7. Install covers (1) and (2) over battery, **Fig. 2**.
8. Install righthand luggage compartment side trim cover, **Fig. 1**.
9. Activate power window regulator one-touch up/down function. Refer to owner's manual for more information.
10. Synchronize spare and additional keys to ensure remote control operation. Refer to owner's manual for more information.
11. Inspect any affected system or component such as clock, comfort adjustment, or compass for proper settings, and adjust as required.



**Fig. 2 Battery cover removal**



**Fig. 3 Battery removal**

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