

# AUDI

## 1997-2003 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.

**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 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.

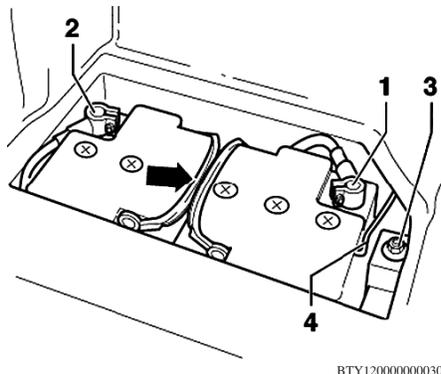


Fig. 1 Battery removal

1. Record radio anti-theft security code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove side storage compartment separator and floor covering, which is attached with Velcro.
5. Remove ground cable from floor covering by loosening hex nut, Fig. 1.
6. Disconnect battery ground strap from battery terminal (1), Fig. 1.
7. Disconnect positive battery cable from positive battery terminal (2), Fig. 1.
8. Separate hose connection (4) from battery, Fig. 1.
9. Remove hex screw (3), Fig. 1.
10. Remove battery hold down bracket.
11. Lift battery with both handle straps (arrow) out of trunk, Fig. 1.

### 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. 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.
2. Install hold down bracket, and torque bolt to 15 ft. lbs.
3. Install hose (4) to battery, Fig. 1.
4. Connect positive battery cable to positive battery terminal (2), Fig. 1.
5. Connect battery ground strap to battery terminal (1), Fig. 1.
6. Install ground cable to floor covering, Fig. 1.
7. Install side storage compartment separator and floor covering.
8. Program anti-theft security code and station presets into radio.
9. Activate power window regulator one-touch up/down function. Refer to owner's manual for more information.
10. Synchronize remote control. 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.

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