

PORSCHE

2010-14 Panamera

PRECAUTIONS

Warning: When performing service on or near the SIR components or the SIR wiring, the SIR system must be disabled. Failure to observe the correct procedure could cause deployment of the SIR components, personal injury, or unrequired SIR system repairs.

Warning: Batteries generate hydrogen gas, which is extremely flammable and may explode violently if ignited by a spark or a flame. Battery acid is extremely corrosive and causes severe personal injury if the acid comes into contact with skin, and blindness if the acid comes into contact with eyes. In order to avoid severe personal injury, use extreme caution when servicing the battery or battery-related components.

BATTERY

Removal

The vehicle must be supplied with external power at the jump lead starting points so that the seat can be moved even when the battery is completely discharged.

1. Turn off all loads, and remove ignition key.
2. Open luggage compartment floor.
3. Remove tool kit tray.
4. Release latch on connector (a) and pull connector off DC/DC converter, **Fig. 1**.
5. Remove two fastening nuts (2), and remove DC/DC converter (1), **Fig. 2**.
6. Pull off vent hose (A) on battery, **Fig. 3**.
7. Disconnect battery ground cable.
8. Disconnect positive battery cable.

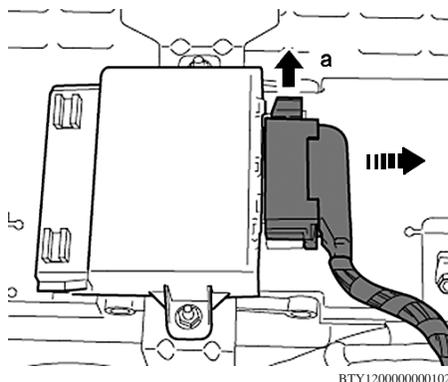


Fig. 1 DC/DC converter connector

9. Remove two fastening screws (3) on retaining bar (4) and two fastening screws (5) for rail (6), **Fig. 4**.
10. Unscrew two fastening screws, and remove retaining bar.
11. Remove battery.

Installation

1. Install battery.
2. Position rail (6) under battery, and install retaining bar (4), **Fig. 4**.
3. Install four fastening screws (3, 5), and screw them in by hand, **Fig. 4**.
4. Tighten fastening screws (3). **Torque** screws to 90 inch lbs., **Fig. 4**.
5. Tighten fastening screws (5). **Torque** screws to 17 ft. lbs., **Fig. 4**.
6. Connect positive battery cable. **Torque** terminal clamps to 54 inch lbs.
7. Connect battery ground cable. **Torque** terminal clamps to 54 inch lbs.
8. Install vent hose.

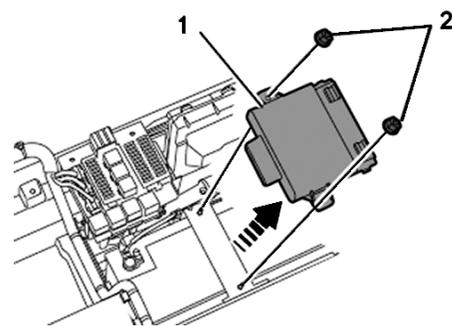


Fig. 2 DC/DC converter

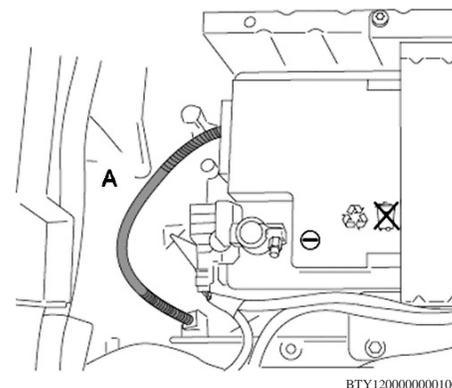


Fig. 3 Battery vent hose

9. Install DC/DC converter (1) on holder, and secure it with two fastening screws (2), **Fig. 2**. **Torque** converter screws to 54 inch lbs.
10. Install electrical connector on DC/DC converter and lock it, **Fig. 1**.

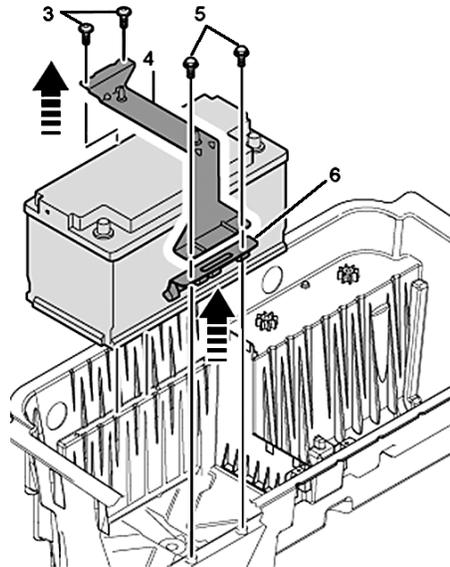


Fig. 4 Battery retaining bar

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