

AUDI 2013-16 S8

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.

The ABS lamp may be illuminated after connecting battery but will go out after vehicle is driven a short period.

BATTERY R&R

Removal

1. Lift luggage compartment floor covering by handle and hang handle on rear lid seal.
2. Remove tool box, if equipped.
3. Open cover (6) over battery ground terminal, **Fig. 1**.
4. Loosen nut (4) several turns and remove battery ground cable from battery terminal, **Fig. 1**.

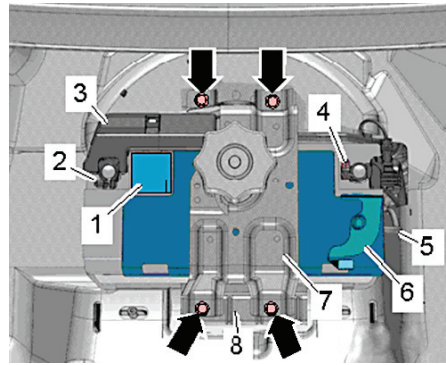


Fig. 1 Battery bracket removal

5. Open cover (1) over battery positive terminal, **Fig. 1**.
6. Loosen nut (2) a few turns and disconnect positive cable with fuse panel D (3) from battery terminal, **Fig. 1**.
7. Disconnect central gas vent hose (5), **Fig. 1**.
8. Remove bolts (arrows), **Fig. 1**.
9. Remove bracket (7) and battery bracket (8), **Fig. 1**.
10. Remove battery from battery tray and remove it from luggage compartment.

Installation

1. Install battery in battery tray so that battery clamping strip fits into strip in battery tray (arrow), **Fig. 2**. It should no longer be possible to move battery.
2. Install battery bracket (8), **Fig. 1**. Lug at battery bracket must engage in recess at battery base strip.
3. Install bracket (7) and **torque** screws (arrows) to 13 ft. lbs., **Fig. 1**.
4. Connect central venting system hose (5), **Fig. 1**.
5. Turn OFF ignition and all electrical

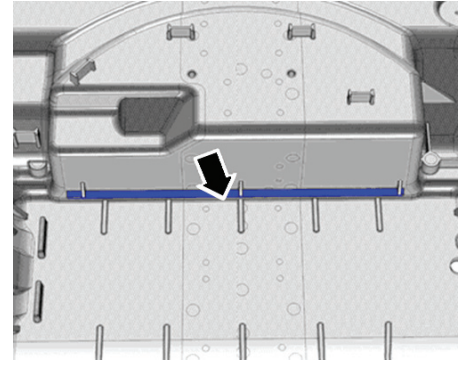


Fig. 2 Battery tray strip

loads, and connect battery in following sequence:

- a. Connect battery positive cable (2) to battery positive terminal by hand and **torque** nut to 53 inch lbs., **Fig. 1**.
 - b. Close cover (1) over battery positive terminal, **Fig. 1**.
 - c. Disconnect connector from battery monitoring control module.
 - d. Connect battery ground cable to battery ground terminal by hand and **torque** nut to 53 inch lbs.
 - e. Connect electrical connector to battery monitoring control module.
6. Inspect battery after installation for secure seating.
 7. Adapt battery after replacing it using a suitably programmed vehicle diagnostic tester.
 8. Activate one touch up/one touch down power window regulators, refer to owners manual.
 9. Inspect DTC memories of all control modules and erase under voltage DTC if required using vehicle diagnostic tester.

The material herein may not be used without the prior express written permission of the copyright holder, including, but not limited to reproduction or transmission in any form by any means such as electronic, mechanical, photocopying, recording or otherwise; nor may it be stored on any retrieval system of any nature.

"The data reported herein has been compiled from authoritative sources. While every effort is made by the analysts to attain accuracy, manufacturing changes as well as typographical errors and omissions may occur on occasion. The publisher cannot be responsible nor does it assume any responsibility whatsoever for such omissions, errors or changes."

"Portions of materials contained herein have been reprinted under license from Volkswagen Group of America, Inc., License Agreement 12500VWA."

MOTOR INFORMATION SYSTEMS
MOTOR is a trademark of Hearst Business Publishing, Inc.
A Unit of Hearst Corporation
1301 W. Long Lake, Suite 300
Troy, MI 48098

Copyright © 2016 MOTOR Information Systems, a division of Hearst Business Publishing, Inc. All rights reserved.