

AUDI 2014 R8

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 for a short period.

Battery and sulfuric acid disposal regulations must be followed when disposing of batteries.

BATTERY Removal

1. Record radio station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove luggage compartment liner.
5. Press battery cover to side (arrow A) and remove it upward (arrow B), **Fig. 1**.
6. Loosen nut several turns and remove ground cable terminal clamp (arrow) from battery terminal, **Fig. 2**.
7. Loosen nut (6) a few turns and disconnect positive cable (5) from battery positive pole, **Fig. 3**.
8. Disconnect central gas vent hose (3), **Fig. 3**.
9. Remove bolts (2, 7, 10) on battery brackets (1, 8, 9), **Fig. 3**.

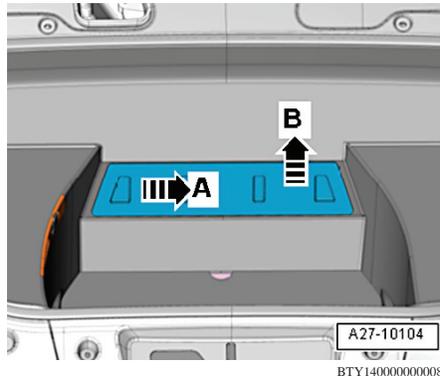


Fig. 1 Battery cover removal

10. Remove battery (4) from battery tray and then remove it upward, **Fig. 3**.

Installation

1. Insert battery in battery tray so that battery clamping strip fits into strip in battery tray arrow. Battery carrier tab must engage at rear (arrow) in opening in battery base strip (1), **Fig. 4**. It should no longer be possible to move battery.
2. Battery is properly inserted when center notch of battery base reinforcement aligns with threaded hole in battery carrier, **Fig. 5**.
3. Install battery bracket (9), **Fig. 3**. Lug at battery bracket must engage in recess at battery base strip.
4. Install bolt (10) to battery bracket and torque to 12 ft. lbs., **Fig. 3**.
5. Install battery bracket (1, 8) and torque bolts (2, 7) to 12 ft. lbs., **Fig. 3**.
6. Connect hose for central venting system (3), **Fig. 3**.
7. Turn OFF ignition and all electrical loads, and connect battery in following sequence:
 - a. Connect positive battery cable (5) to battery positive terminal by hand and torque nut (6) to 53 inch lbs., **Fig. 3**.
 - b. Disconnect connector on battery monitoring control module, if equipped.
 - c. Connect ground battery cable to battery ground terminal by hand and torque nut to 53 inch lbs.
 - d. Connect electrical connector on battery monitoring control module, if equipped.

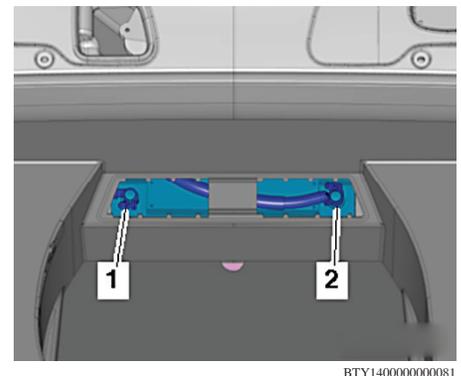


Fig. 2 Ground cable terminal clamp removal

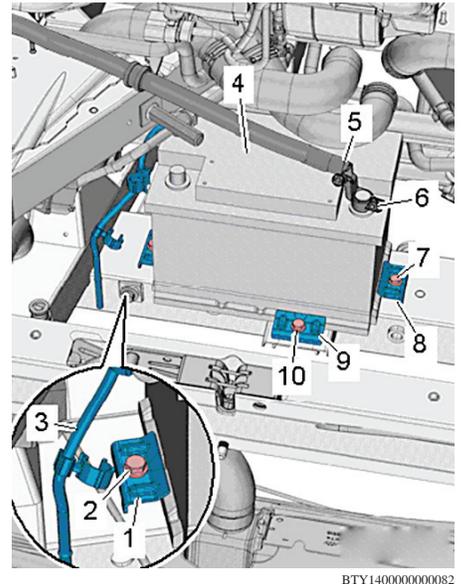
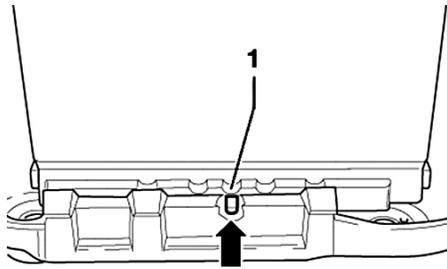


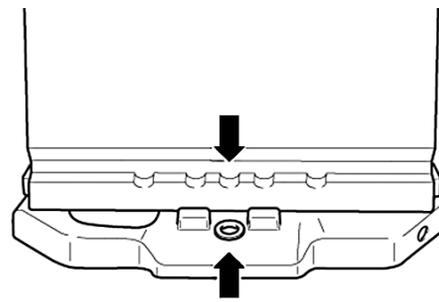
Fig. 3 Battery removal

8. Install luggage compartment liner.
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. To do so, insert key into ignition lock, switch ignition ON and OFF again, and remove key.
11. Inspect all DTC memories and erase under voltage DTC, if required, using a suitable vehicle diagnostic tester.



BTY140000000083

Fig. 4 Battery carrier tab



BTY140000000084

Fig. 5 Battery base reinforcement alignment

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 Media
A Unit of Hearst Corporation
1301 W. Long Lake, Suite 300
Troy, MI 48098

Copyright © 2015 Hearst Business Media. All rights reserved.
