

VOLKSWAGEN

2005-10 Passat 2.0L

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. Therefore, suitable remedies for acid damage must be kept readily available. Soapy water would be a suitable remedy.

Warning: If electrolyte drips out from the battery, skin can be burned by acid, and the 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 the battery is handled inappropriately, the emitted gases may cause the battery to explode.

Warning: Producing sparks by sanding, welding, cutting and open flames, as well as smoking near a battery, is forbidden. Producing sparks through electrostatic discharge must also be avoided. Always touch the vehicle body before touching the battery.

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

Always ensure vehicle electrical system is protected by disconnecting battery ground terminal prior to servicing key areas of the electrical system. Disconnecting battery positive terminal must only be performed as required to remove battery from vehicle, and must only be carried out after ground terminal is disconnected.

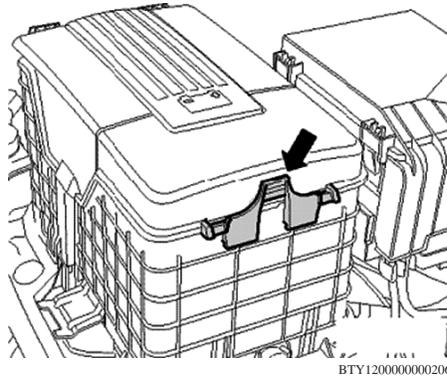


Fig. 1 Battery box cover removal

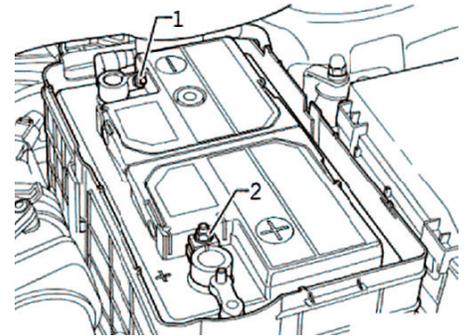


Fig. 2 Battery cable removal

BATTERY Removal

1. Unlock vehicle with unlock button on radio-frequency remote control or Keyless Access to disable anti-theft alarm system.
2. Record radio anti-theft code and station presets.
3. Turn off all lamps and accessories.
4. Turn ignition switch to OFF position.
5. Open locking mechanism (arrow) and remove battery box cover, **Fig. 1**.
6. Loosen and remove battery ground cable (1), **Fig. 2**.
7. Loosen and remove battery positive cable (2), **Fig. 2**.
8. Pull out battery box panel upward (arrow) and remove, **Fig. 3**.
9. Remove battery mounting bolt (1), **Fig. 4**.
10. Remove battery retaining bracket (2), **Fig. 4**.
11. Fold handles upward (arrows) and lift out battery, **Fig. 5**.

Installation

1. Set battery into position and ensure it is fully seated.
2. Install battery retaining bracket (2), **Fig. 4**.
3. Install battery mounting bolt (1), and **torque** to 14 ft. lbs, **Fig. 4**.
4. Install battery box panel, **Fig. 3**.
5. Install battery positive cable (1), and **torque** bolt to 53 inch lbs., **Fig. 2**.
6. Install battery ground cable (1), and **torque** bolt to 53 inch lbs., **Fig. 2**.
7. Install battery box cover, and close locking mechanism (arrow), **Fig. 1**.
8. Reset all preset and theft codes previously recorded to radio.
9. Inspect any affected system or component such as clock, comfort adjustment, or compass for proper settings, and adjust as required.

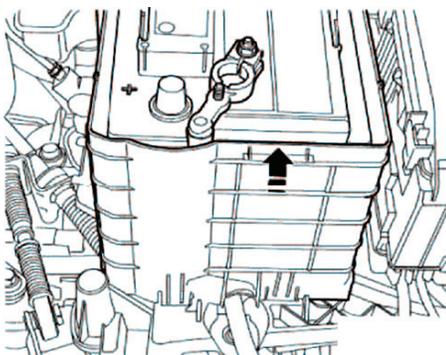


Fig. 3 Battery box panel removal

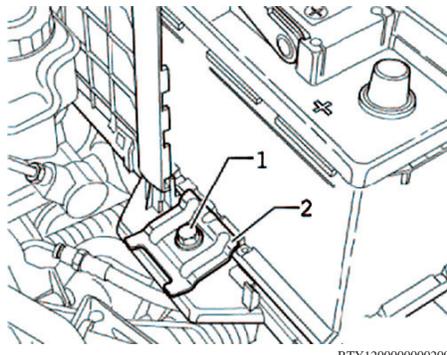


Fig. 4 Battery mounting removal

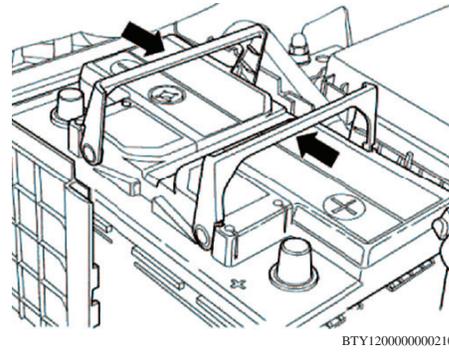


Fig. 5 Battery removal

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