

CADILLAC 2010-11 DTS

PRECAUTIONS

Warning: Batteries produce explosive gases, contain corrosive acid, and supply levels of electrical current high enough to cause burns. Therefore, to reduce the risk of personal injury when working near a battery: Always shield your eyes and avoid leaning over the battery whenever possible; do not expose the battery to open flames or sparks; do not allow the battery electrolyte to contact the eyes or the skin; flush immediately and thoroughly any contacted areas with water, and get medical help.

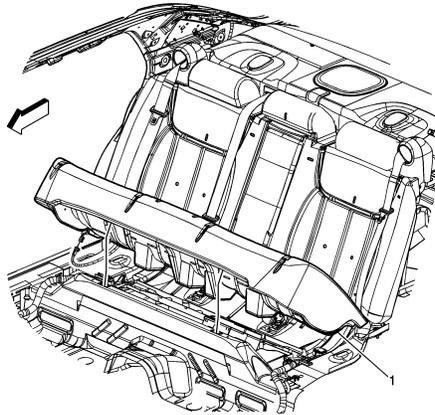
Warning: Unless directed otherwise, the ignition and start switch must be in the OFF or LOCK position, and all electrical loads must be OFF before servicing any electrical component. Disconnect the battery ground cable to prevent an electrical spark should a tool or equipment come in contact with an exposed electrical terminal. Failure to follow these precautions may result in personal injury and/or damage to the vehicle or its components.

For vehicles equipped with OnStar® (UE1) with Back Up Battery, the back up battery is a redundant power supply to allow limited OnStar® functionality in the event of a main vehicle battery power disruption to the VCIM (OnStar® module). Do not disconnect the main vehicle battery or remove the OnStar® fuse with the ignition key in any position other than OFF. Retained Accessory Power (RAP) should be allowed to time out or be disabled (simply opening the driver door should disable RAP) before disconnecting power. Disconnecting power to the OnStar® module in any way while the ignition is ON or with RAP activated may cause activation of the OnStar® Back Up Battery (BUB) system and will discharge and permanently damage the BUB. Once the BUB is activated, it will stay on until it has completely discharged. The BUB is not rechargeable and, once activated, the BUB must be replaced.

BATTERY

Primary REMOVAL

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove rear seat cushion, **Fig. 1**.
5. Loosen battery ground cable terminal nut (1), **Fig. 2**.
6. Disconnect battery ground cable from battery.



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Fig. 1 Rear seat cushion removal

7. Open battery positive cable cover and position aside.
8. Loosen battery positive cable terminal nut (1), **Fig. 3**.
9. Disconnect battery positive cable from battery.
10. Remove battery hold down retainer bolt (3) and retainer (4), **Fig. 3**.
11. Remove battery vent tube (5) from battery, **Fig. 3**.
12. Remove battery from vehicle.

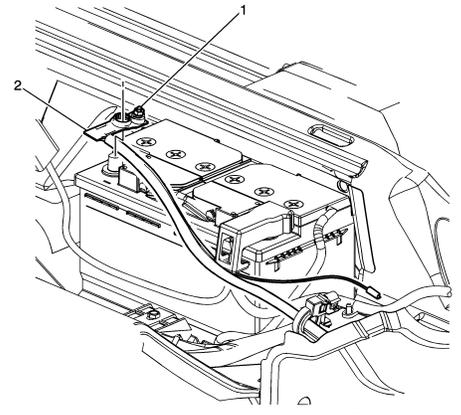
INSTALLATION

Clean any existing oxidation from the contact face of the battery terminal and battery cable using a wire brush before installing the battery cable to the battery terminal.

1. Install battery (6) to vehicle, **Fig. 3**.
2. Install battery hold down retainer (4) and bolt (3), **Fig. 3**. **Torque** bolt to 13 ft. lbs.
3. Install battery vent tube (5) to battery, **Fig. 3**.
4. Connect battery positive cable (2) to battery, **Fig. 3**. **Torque** battery cable terminal nut to 11 ft. lbs.
5. Snap close battery positive cable cover.
6. Connect battery ground cable (2) to battery, **Fig. 2**. **Torque** battery cable terminal nut to 11 ft. lbs.
7. Install rear seat cushion, **Fig. 1**.
8. Reset all preset and theft codes previously recorded to radio.

Auxiliary REMOVAL

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Remove rear seat cushion, **Fig. 1**.
5. Loosen primary battery ground cable terminal nut (1), **Fig. 2**.



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Fig. 2 Battery ground cable disconnection

6. Disconnect primary battery ground cable from battery.
7. Loosen auxiliary battery ground cable bolt, and disconnect ground cable from auxiliary battery.
8. Loosen auxiliary battery positive cable bolt, and disconnect positive cable from auxiliary battery.
9. Remove lower auxiliary battery tray to frame bolts (3), **Fig. 4**.
10. Loosen upper auxiliary battery tray to frame bolts (1), **Fig. 4**. Do not remove bolts.
11. Lift auxiliary battery and tray assembly (2) from upper frame bolts (1), **Fig. 4**.
12. Remove auxiliary battery retainer bolt (3) and retainer, **Fig. 5**.
13. Remove auxiliary battery from battery tray.

INSTALLATION

1. Install auxiliary battery to battery tray, **Fig. 5**.
2. Install auxiliary battery retainer and bolt, and **torque** bolt to 12 ft. lbs.
3. Lift auxiliary battery and tray assembly (2) onto upper auxiliary battery tray bolts (1), **Fig. 4**. Do not tighten upper bolts at this time.
4. Install lower auxiliary battery tray bolts (3), **Fig. 4**.
5. **Torque** auxiliary battery tray bolts to 18 ft. lbs.
6. Connect auxiliary battery positive cable to auxiliary battery, and **torque** bolt to 10 ft. lbs.
7. Connect auxiliary battery ground cable to auxiliary battery, and **torque** bolt to 10 ft. lbs.
8. Connect primary battery ground cable (2) to battery, **Fig. 2**. **Torque** battery cable terminal nut to 11 ft. lbs.
9. Install rear seat cushion, **Fig. 1**.
10. Reset all preset and theft codes previously recorded to radio.

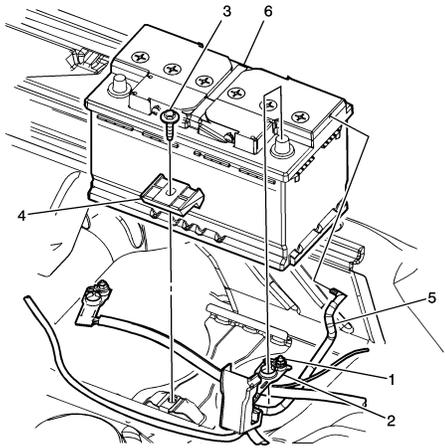


Fig. 3 Battery removal

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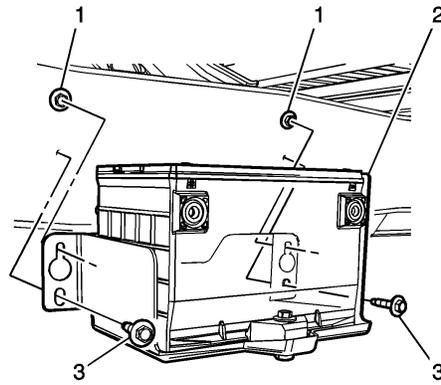


Fig. 4 Auxiliary battery & battery tray assembly removal

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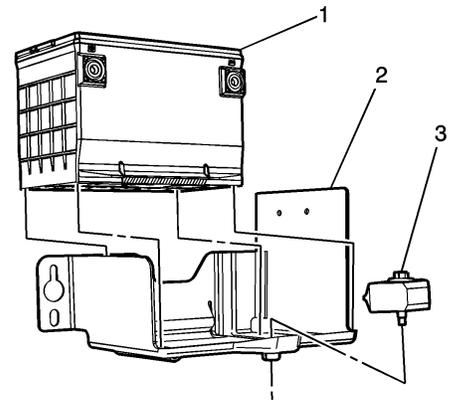


Fig. 5 Auxiliary battery removal from battery tray

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