

CADILLAC 2006-09 XLR

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 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.

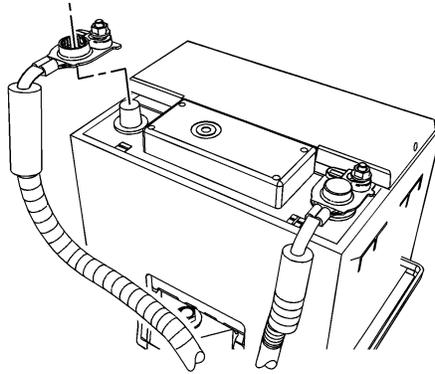


Fig. 1 Battery ground cable disconnection

BATTERY

Removal

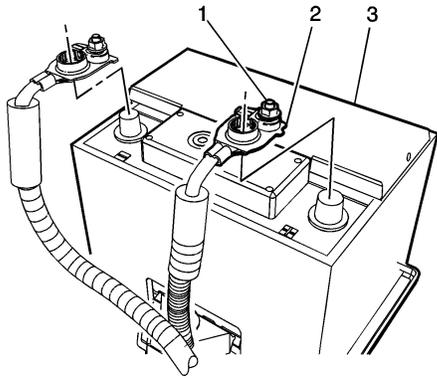
Caution: When performing service on or near the SIR components or the SIR wiring, the SIR system must be disabled. Failure to observe the correct procedure could cause deployment of the SIR components, personal injury, or unrequired SIR system repairs.

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Loosen battery ground cable nut and disconnect ground cable from battery, **Fig. 1**.
5. Loosen battery positive cable nut (1) and disconnect positive cable (2) from battery (3), **Fig. 2**.
6. Remove battery hold down retainer bolt (1) and retainer (2), **Fig. 3**.
7. Remove battery from vehicle.

Installation

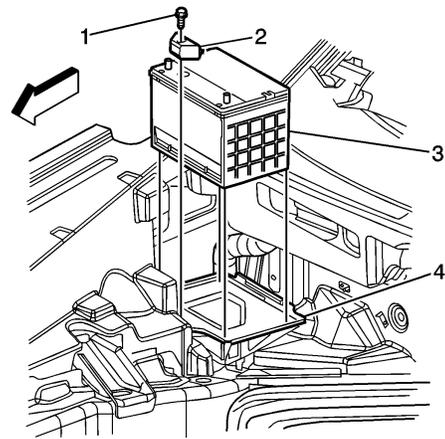
Clean any existing oxidation from the contact surface of the battery cable using a wire brush before installing the battery cable to the battery.

1. Install battery to vehicle.
2. Install battery hold down retainer (2) and bolt (1), **Fig. 3**. **Torque** bolt to 13 ft. lbs.
3. Connect battery positive cable (2) to battery (3), **Fig. 2**. **Torque** battery cable nut to 71 inch lbs.
4. Connect battery ground cable to battery, **Fig. 1**. **Torque** battery cable nut to 71 inch lbs.
5. Reset all preset and theft codes previously recorded to radio.
6. Perform power window initialization as follows:
 - a. Close door for window being initialized.
 - b. Turn ignition to ON with engine off.
 - c. Run window to full up position and hold switch continuously for a minimum of ½ second.
 - d. Run window to full down position and hold switch continuously for a minimum of ½ second.
7. Refer to vehicle owner's manual for remote control door lock and theft deterrent transmitter key fob programming procedures.
8. Perform memory seat calibration by operating seat adjuster switch in every direction until seat adjuster reaches its mechanical hard stop by repeatedly pressing and releasing switch as required.
9. Perform steering wheel and column calibration as follows:
 - a. Turn on ignition.
 - b. Operate telescoping column to full out position. Hold switch on for an additional three seconds after column has reached physical stop.
 - c. Operate telescoping column to full in position. Hold switch on for an additional three seconds after column has reached physical stop.



BTY120000000452

Fig. 2 Battery positive cable disconnection



BTY120000000450

Fig. 3 Battery removal

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