

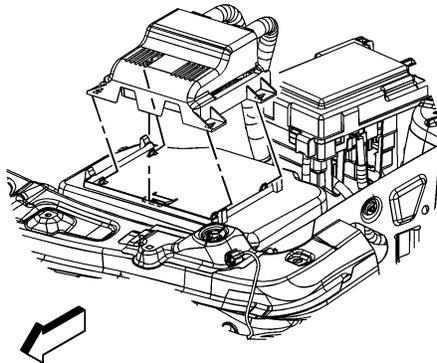
CHEVROLET 2007-09 Equinox

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.



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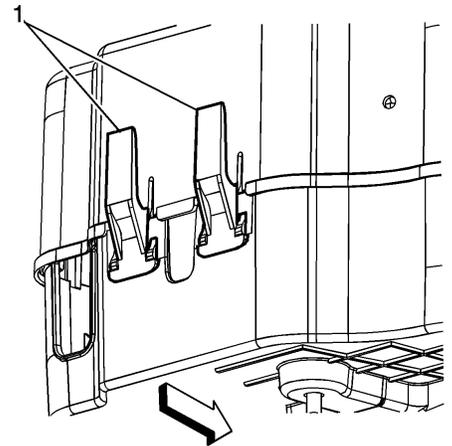
Fig. 1 ECM retainer removal from battery shield

BATTERY

Removal

Warning: Do not tip battery over a 45 degree angle, or acid could spill causing serious personal injury.

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Slide Engine Control Module (ECM) retainer rearward and disengage retainer from battery shield, **Fig. 1**.
5. Remove ECM retainer from top of battery shield and position aside.
6. Open battery shield rear snap retainers (1), **Fig. 2**.
7. Remove battery shield, **Fig. 3**.
8. Loosen battery ground cable terminal nut.
9. Disconnect battery ground cable (1) from battery, **Fig. 4**.
10. Loosen battery positive cable terminal nut.
11. Disconnect battery positive cable (2) from battery, **Fig. 4**.
12. Remove battery hold down retainer bolt (1) and retainer (2), **Fig. 5**.
13. Remove battery from battery tray.



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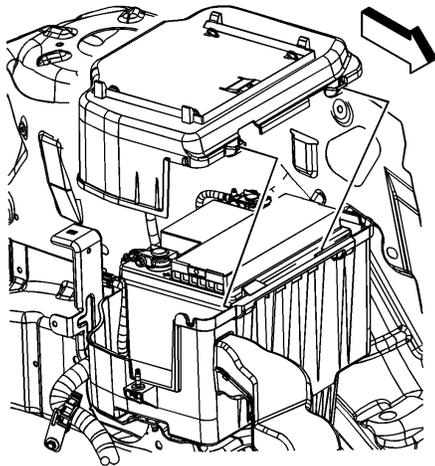
Fig. 2 Battery shield rear snap retainer identification

Installation

Clean any existing corrosion from the battery terminal bolt flange and the battery cable end.

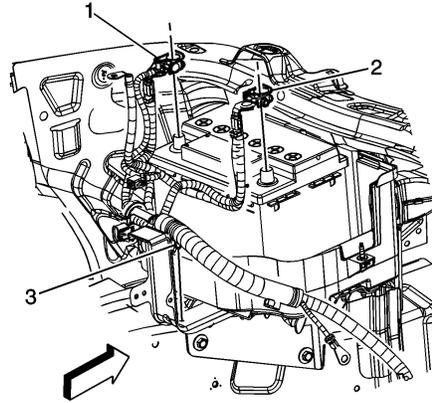
Warning: Do not tip battery over a 45 degree angle, or acid could spill causing serious personal injury.

1. Install battery to battery tray.
2. Install battery hold down retainer (2) and bolt (1), **Fig. 5**. **Torque** bolt to 11 ft. lbs.
3. Connect positive battery cable (2) to battery, **Fig. 4**. **Torque** cable terminal nut to 13 ft. lbs.
4. Connect battery ground cable (1) to battery, **Fig. 4**. **Torque** cable terminal nut to 13 ft. lbs.
5. Install battery shield retainer tabs to battery tray, **Fig. 3**.
6. Close battery shield rear snap retainers (1), **Fig. 2**.
7. Position ECM and retainer to top of battery shield, **Fig. 1**.
8. Slide ECM retainer forward and engage retainer to battery shield.
9. Reset all preset and theft codes previously recorded to radio.



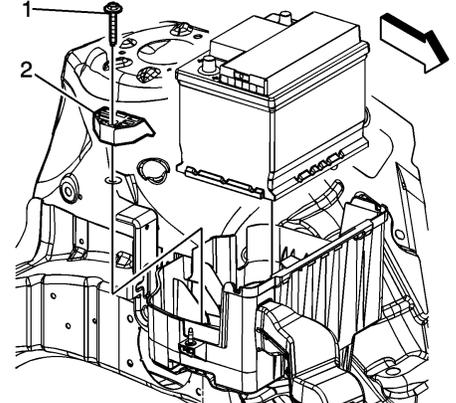
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Fig. 3 Battery shield removal



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Fig. 4 Battery cable disconnection



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Fig. 5 Battery removal

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