

CADILLAC

2010-13 CTS

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.

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

Coupe & Sedan

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. **On sedan models**, remove rear seat back cushion, **Fig. 1**.
5. **On coupe and sedan models**, partially remove rear compartment lid weather-strip.
6. Remove rear compartment sill trim plate, **Fig. 2**.
7. Remove rear compartment side trim panel, **Figs. 3 and 4**.
8. Disconnect battery vent hose.
9. Turn battery ground cable handle (1) to release clamping force, and remove battery ground cable from battery ground post, **Fig. 5**.
10. Turn battery positive cable handle (2) to release clamping force, and remove battery positive cable from battery positive post, **Fig. 5**.
11. Remove battery hold down retainer bolts (1) and battery hold down retainers (2), **Fig. 6**.
12. Remove battery from vehicle.

INSTALLATION

1. Install battery to vehicle.
2. Install battery hold down retainers (2) and bolts (1), **Fig. 6**. **Torque** bolts to 13 ft. lbs.
3. Ensure battery positive cable is seated properly.
4. Turn battery positive cable handle (2) to secure battery positive cable to battery positive post, **Fig. 5**.
5. Ensure battery ground cable is seated properly.
6. Turn battery ground cable handle (1) to secure battery ground cable to battery ground post, **Fig. 5**.
7. Connect battery vent hose.
8. Install rear compartment side trim panel, **Figs. 3 and 4**.
9. Install rear compartment sill trim plate, **Fig. 2**. **Torque** cargo tie down loop fastener (1) to 29 ft. lbs.
10. Install rear compartment lid weather-strip.
11. **On sedan models**, install rear seat back cushion, **Fig. 1**.
12. Reset all preset and theft codes previously recorded to radio.

Wagon

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. Disable Supplemental Inflatable Restraint (SIR) system per manufacturer's instructions.

5. Remove body side window front garnish molding, **Fig. 7**.
6. Remove rear compartment floor stowage compartment cover, **Fig. 8**.
7. Remove rear compartment floor stowage compartment door frame, **Fig. 9**.
8. Partially remove liftgate weather-strip.
9. Remove rear compartment sill trim plate, **Fig. 10**.
10. Remove body side window rear garnish molding, **Fig. 11**.
11. Remove body side lower trim panel, **Fig. 12**.
12. Disconnect battery vent hose.
13. Turn battery ground cable handle (1) to release clamping force, and remove battery ground cable from battery ground post, **Fig. 5**.
14. Turn battery positive cable handle (2) to release clamping force, and remove battery positive cable from battery positive post, **Fig. 5**.
15. Remove battery hold down retainer bolts (1) and battery hold down retainers (2), **Fig. 6**.
16. Remove battery from vehicle.

INSTALLATION

1. Install battery to vehicle.
2. Install battery hold down retainers (2) and bolts (1), **Fig. 6**. **Torque** bolts to 13 ft. lbs.
3. Ensure battery positive cable is seated properly.
4. Turn battery positive cable handle (2) to secure battery positive cable to battery positive post, **Fig. 5**.
5. Ensure battery ground cable is seated properly.
6. Turn battery ground cable handle (1) to secure battery ground cable to battery ground post, **Fig. 5**.
7. Connect battery vent hose.
8. Install body side lower trim panel, **Fig. 12**.
9. Install body side window rear garnish molding, **Fig. 11**.
10. Install rear compartment sill trim plate, **Fig. 10**. **Torque** trim plate fasteners (1) to 79 inch lbs.
11. Install rear compartment floor stowage compartment door frame, **Fig. 9**. **Torque** frame fasteners (1) to 16 ft. lbs.
12. Install rear compartment floor stowage compartment cover, **Fig. 8**.
13. Install body side window front garnish molding, **Fig. 7**.
14. Enable SIR system per manufacturer's instructions.
15. Reset all preset and theft codes previously recorded to radio.

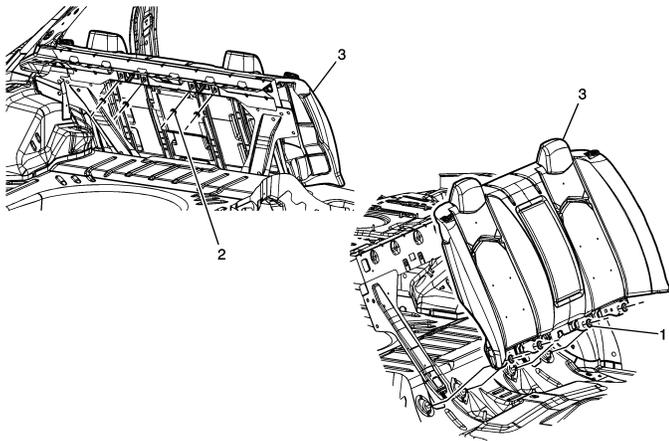


Fig. 1 Rear seat back cushion removal. Sedan

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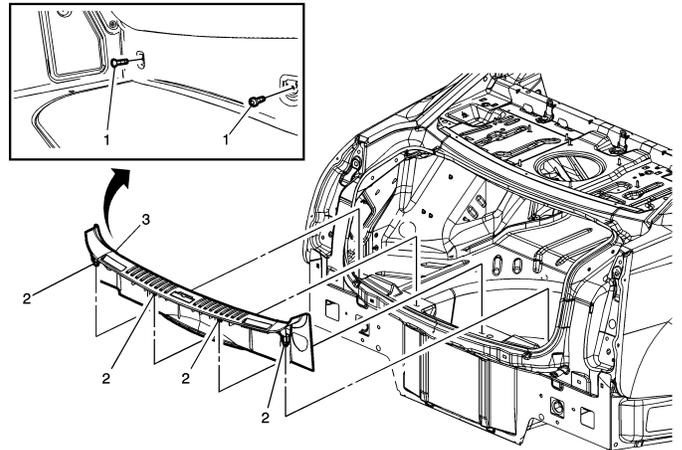


Fig. 2 Rear compartment sill trim plate removal. Sedan & coupe

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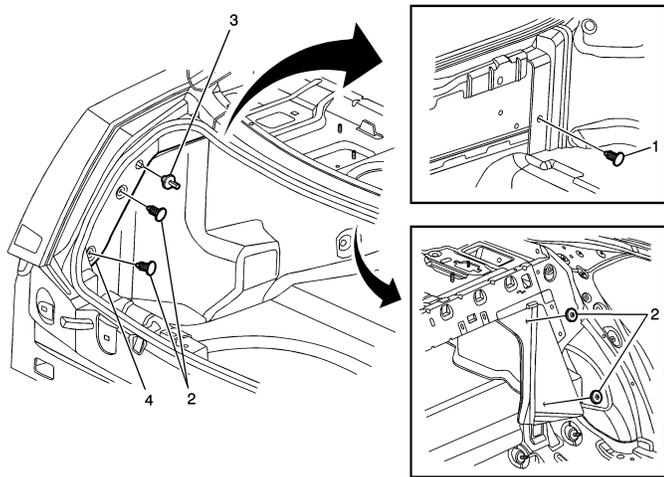


Fig. 3 Rear compartment side trim panel removal. Coupe

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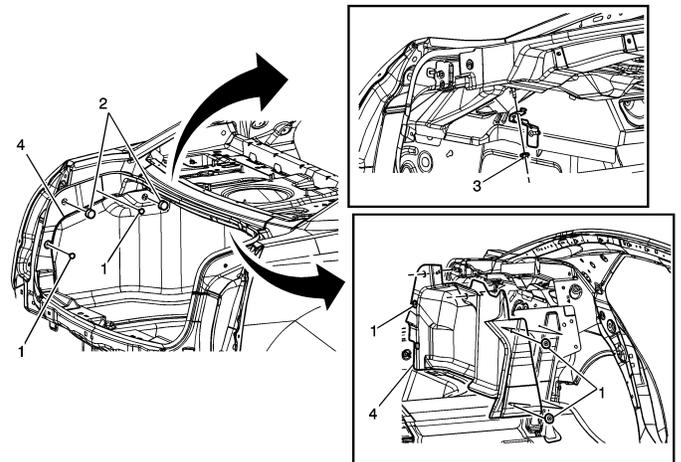


Fig. 4 Rear compartment side trim panel removal. Sedan

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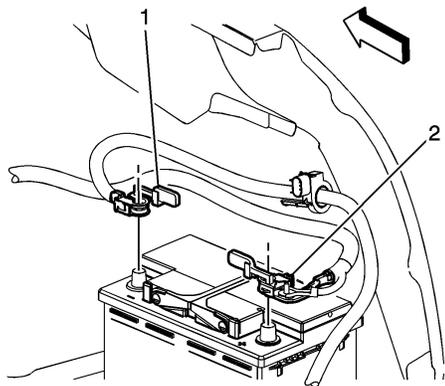


Fig. 5 Battery cable removal

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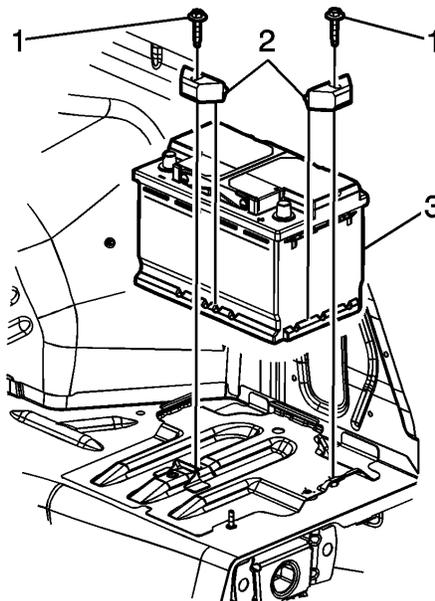


Fig. 6 Battery removal

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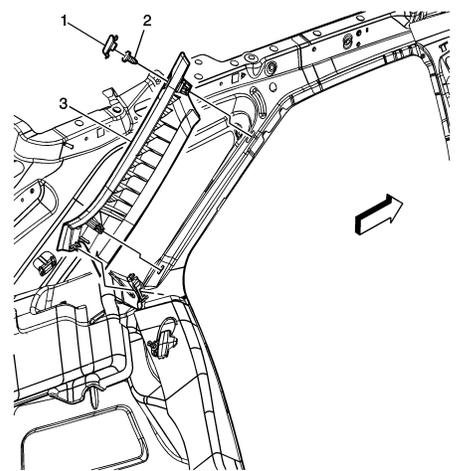
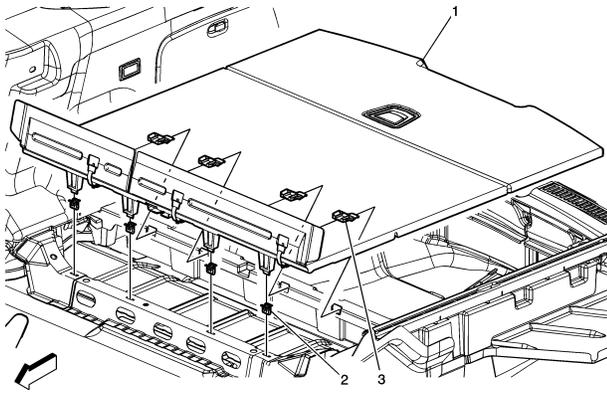


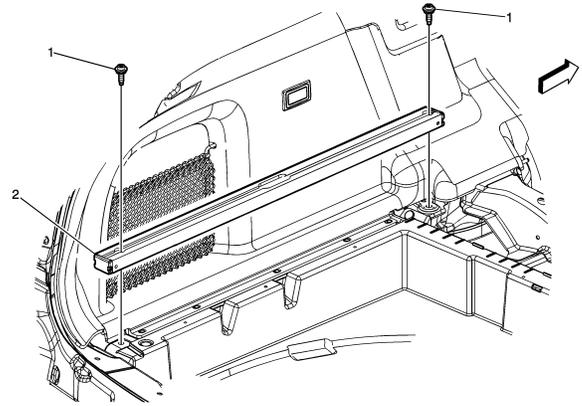
Fig. 7 Body side window front garnish molding removal. Wagon

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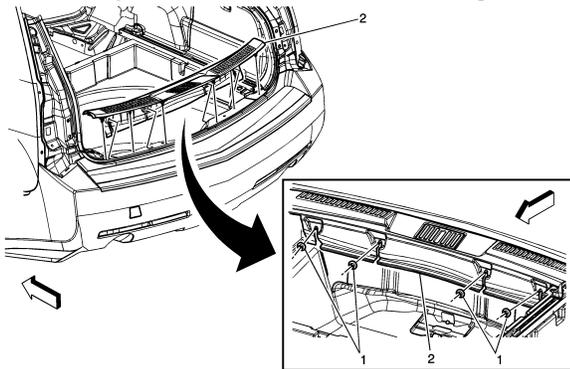
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Fig. 8 Rear compartment floor storage compartment cover removal. Wagon



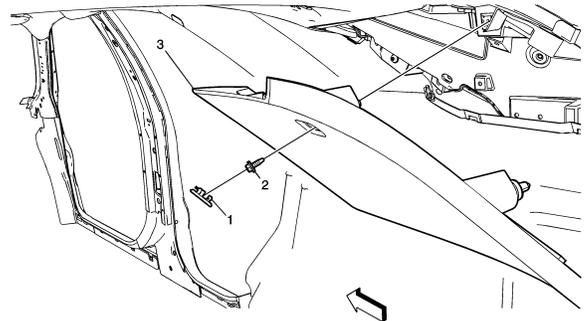
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Fig. 9 Rear compartment floor storage compartment door frame removal. Wagon



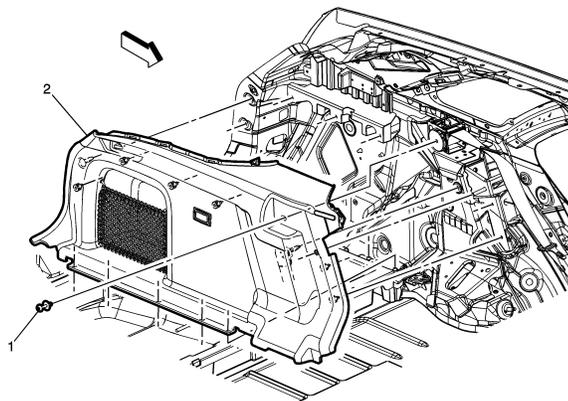
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Fig. 10 Rear compartment sill trim plate removal. Wagon



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Fig. 11 Body side window rear garnish molding removal. Wagon



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Fig. 12 Body side lower trim panel removal. Wagon

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