

PONTIAC 2008-09 G8

PRECAUTIONS

Warning: 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.

Warning: Batteries generate hydrogen gas, which is extremely flammable and may explode violently if ignited by a spark or a flame. Battery acid is extremely corrosive and causes severe personal injury if the acid comes into contact with skin, and blindness if the acid comes into contact with eyes. In order to avoid severe personal injury, use extreme caution when servicing the battery or battery-related components.

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

Removal

1. Open luggage compartment lid.
2. Pull strap on rear compartment floor panel carpet assembly and lift rear edge upward.

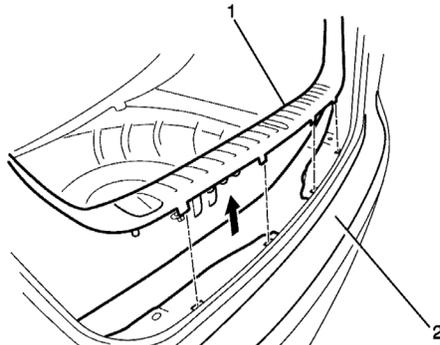


Fig. 1 End panel

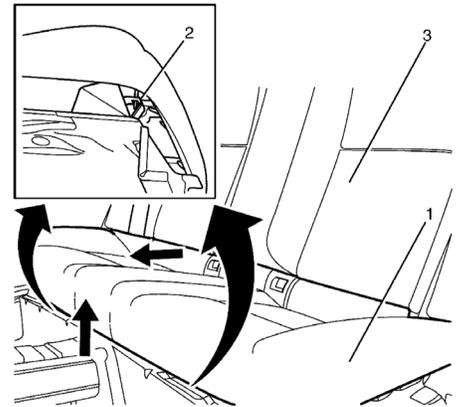


Fig. 2 Rear seat lower cushion

3. Lift and remove rear compartment floor panel carpet assembly from rear compartment.
4. Remove convenience net from rear compartment trim assembly.
5. Remove two upper and two lower retainer hooks.
6. Remove end panel (1) from vehicle (2), Fig. 1.
7. Disengage rear seat cushion (1) by grasping base in area of rear seat cushion to body retainers (2), and pull upwards to release rear seat cushion retaining clips (2), Fig. 2.
8. Pull rear seat cushion (1) forward to detach rear seat cushion from rear seat back (3), Fig. 2.
9. Remove rear seat cushion (1) from vehicle, Fig. 2.
10. Remove rear seat back to body retaining nuts (1), Fig. 3.
11. Lift rear seat back retaining hook (1) out of retaining slots (2), Fig. 4.
12. Remove rear seat back (3) from vehicle, Fig. 4.
13. Remove three carpet retainers (1) securing rear quarter panel side carpet, Fig. 5.
14. Remove two carpet retainers (1) securing rear quarter panel side carpet, which are located inside of vehicle, Fig. 6.
15. Remove two carpet retainers (1) securing center panel carpet, Fig. 7.
16. Remove quarter panel side carpet retainers securing rear quarter panel side carpet.
17. Remove lefthand cargo area carpet side access panel (1) from lefthand cargo area carpet side (2), Fig. 8.
18. Remove battery ground cable to battery terminal retaining nut (1), Fig. 9.
19. Disconnect battery positive cable from battery.
20. Remove battery retainer strap nut (1) from battery retainer, Fig. 10.
21. Remove battery retainer plate (2) from vehicle, Fig. 10.

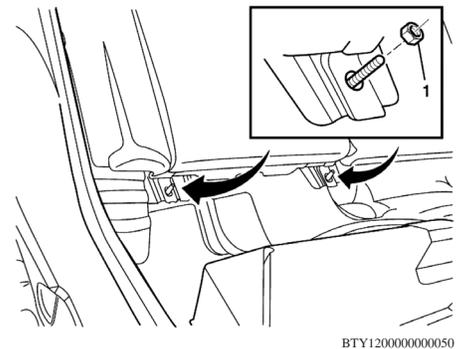
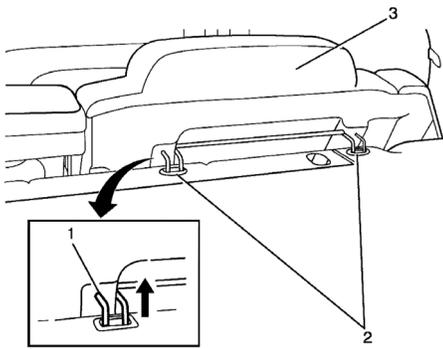


Fig. 3 Rear seat back

22. Detach battery vent hose (1) from battery (2), Fig. 11.
23. Remove battery (2) from vehicle.

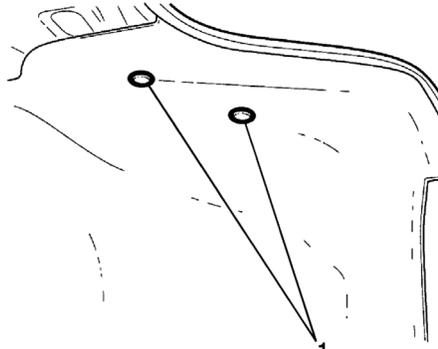
Installation

1. Install battery (2) to vehicle, Fig. 11.
2. Attach battery vent hose to battery.
3. Install battery retainer plate (2), locate retainer strap to retainer plate, and install battery retainer strap nut (1), Fig. 10. **Torque** retainer strap nut to 53 inch lbs.
4. Connect battery positive cable to battery. **Torque** positive battery cable nut to 44 inch lbs.
5. Connect battery ground cable to battery. **Torque** battery ground cable nut to 44 inch lbs.
6. Install lefthand side rear compartment side trim panel.
7. Install rear compartment stowage tray net.
8. Install rear compartment floor panel carpet.
9. Close rear compartment lid.



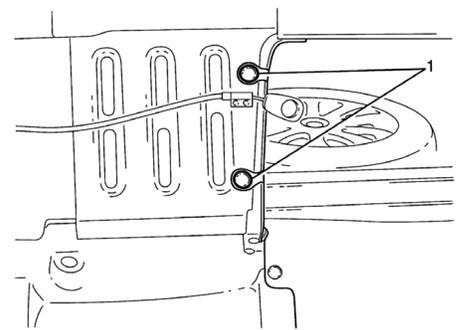
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Fig. 4 Rear seat back cushion



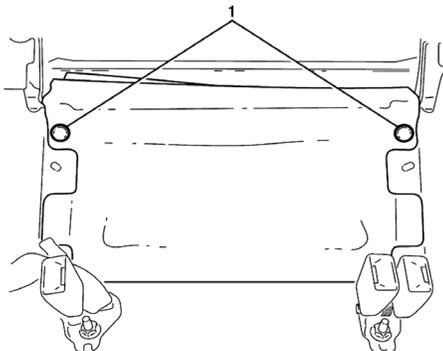
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Fig. 5 Quarter panel side carpet



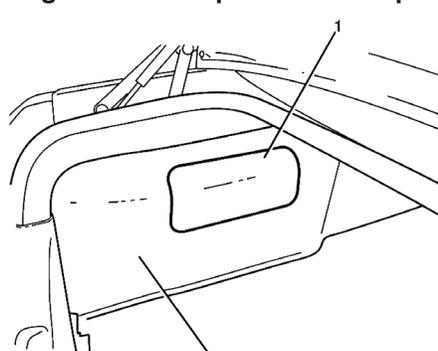
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Fig. 6 Rear quarter panel side carpet



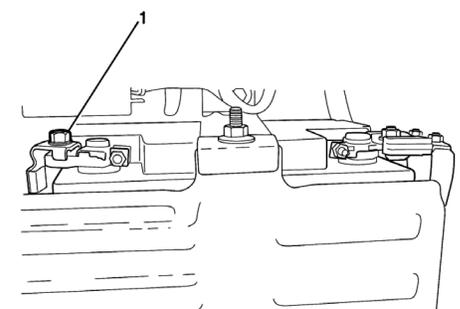
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Fig. 7 Center panel carpet retainers



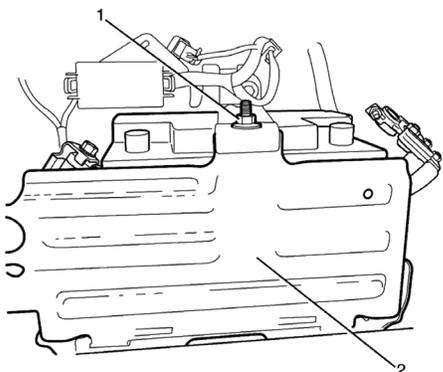
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Fig. 8 Cargo area carpet side access panel



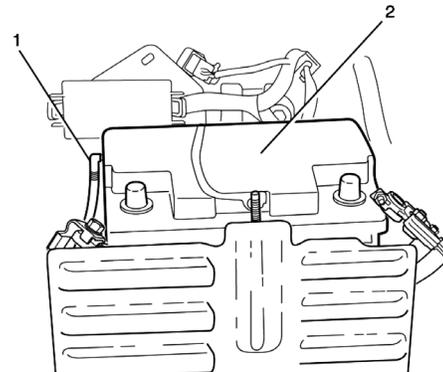
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Fig. 9 Battery ground cable nut



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Fig. 10 Battery retainer



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Fig. 11 Battery vent hose

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