

# OLDSMOBILE

## 1995-2003 Aurora

### PRECAUTIONS

Caution: 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.

Caution: 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.

The maintenance free battery is standard. There are no vent plugs in the cover. The battery is completely sealed except for two small vent holes in the sides. These vent holes allow the small amount of gas that is produced in the battery to escape.

Disconnecting the battery ground cable from the battery is recommended when performing many repair procedures. When this is done, certain memory functions are lost, such as radio and clock presets. Devices are available that eliminate the memory loss of the radio and the clock by providing just enough current to keep the memory alive, but not enough to cause a shock or burn hazard if contact is made with a current carrying lead or terminal.

A memory saving device can supply enough current to deploy the Supplemental Inflatable Restraint (SIR) air bag, which may cause personal injury or the otherwise unneeded SIR system repairs. Therefore, always reference the appropriate service manual procedure for the vehicle system being serviced. If specifi-

cally directed by the service procedure for the component(s) being serviced, disable and enable the SIR system as outlined.

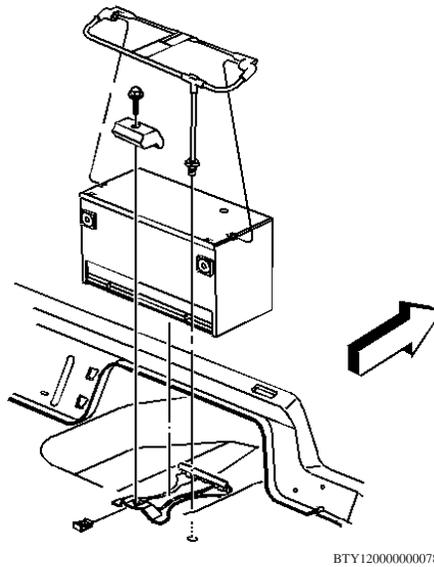
### BATTERY

#### Removal

1. Remove rear seat cushion.
2. Remove battery ground cable. Turn OFF ignition when connecting or disconnecting battery cables, battery charger or jumper cables. Failure to do so may damage PCM or other electronic components.
3. Remove positive battery cable.
4. Remove battery retainer mounting bolt and retainer, **Fig. 1**.
5. Remove vent tube.
6. Remove battery.

#### Installation

1. Install battery.
2. Install vent tube. Ensure vent tube is properly routed through floor pan grommet.
3. Install retainer and retainer mounting bolt.
4. **Torque** retainer mounting bolt to 13 ft. lbs.
5. Connect positive battery cable.
6. **Torque** positive battery cable bolt to 11 ft. lbs.
7. Connect battery ground cable.
8. **Torque** battery ground cable bolt to 11 ft. lbs.
9. Install rear seat cushion.



**Fig. 1 Battery removal**

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