

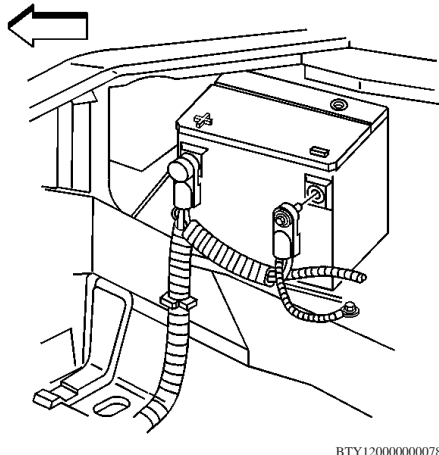
# OLDSMOBILE 1998-2002 Intrigue

## 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.



**Fig. 1 Battery ground cable removal**

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

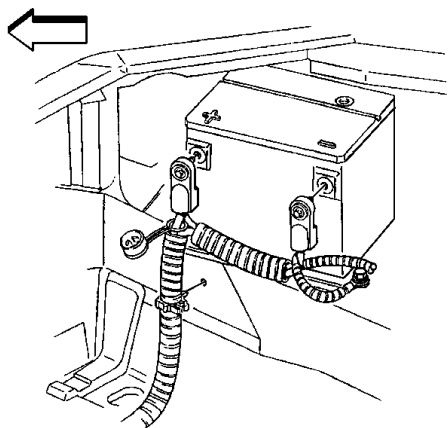
## BATTERY Removal

1. Record all vehicle preset radio stations.
2. Record Theftlock® code if applicable.

3. Turn off all lamps and accessories.
4. Ensure ignition switch is in OFF position.
5. Disconnect ground cable from battery, **Fig. 1**.
6. Remove righthand front diagonal brace.
7. Disconnect battery positive cable, **Fig. 2**.
8. Remove battery hold down retainer bolt (1), **Fig. 3**.
9. Remove battery hold down retainer (2), **Fig. 3**.
10. Remove battery (3). Do not tip battery more than 40° during removal, **Fig. 3**.
11. Remove battery insulator from battery, **Fig. 4**.

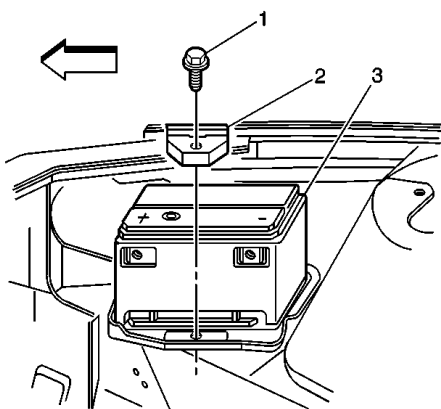
## Installation

1. Install battery insulator to battery.
2. Install battery (3). Do not tip battery more than 40° during installation, **Fig. 3**.
3. Install battery hold down retainer (2), **Fig. 3**.
4. Install battery hold down retainer bolt (1), **Fig. 3**.
5. **Torque** battery hold down retainer bolt to 13 ft. lbs.
6. Clean any existing oxidation from contact face of battery terminal and battery cable using a wire brush before installing battery cable to battery terminal.
7. Connect battery positive cable to battery.
8. **Torque** battery positive terminal bolt to 11 ft. lbs.
9. Install righthand front diagonal brace.
10. Connect ground cable to battery.
11. **Torque** battery ground terminal bolt to 11 ft. lbs.
12. Unlock Theftlock® radio if applicable.
13. Program radio stations back into radio as recorded at beginning of procedure.
14. Set clock to current time.



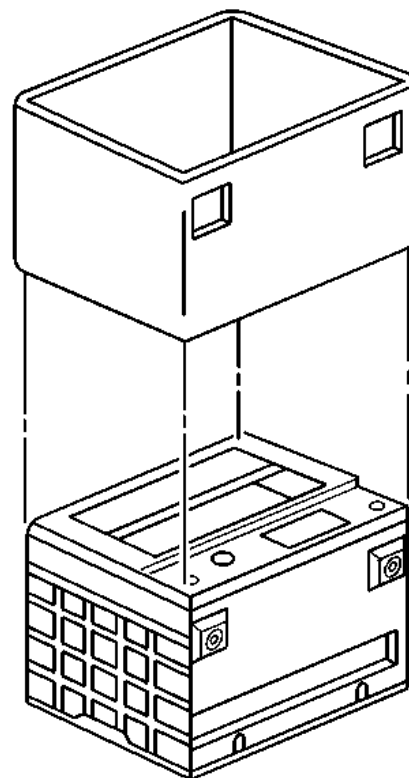
**Fig. 2 Battery positive cable removal**

BTY120000000790



**Fig. 3 Battery removal**

BTY120000000791



**Fig. 4 Battery insulator removal**

BTY120000000792

The material herein may not be used without the prior express written permission of the copyright holder, including, but not limited to reproduction or transmission in any form by any means such as electronic, mechanical, photocopying, recording or otherwise; nor may it be stored on any retrieval system of any nature.

"The data reported herein has been compiled from authoritative sources. While every effort is made by the analysts to attain accuracy, manufacturing changes as well as typographical errors and omissions may occur on occasion. The publisher cannot be responsible nor does it assume any responsibility whatsoever for such omissions, errors or changes."

"Portions of materials herein have been reprinted with permission of General Motors LLC, Customer Care and Aftersales, License Agreement 1110717."

**MOTOR INFORMATION SYSTEMS**  
**MOTOR is a trademark of Hearst Business Media**  
**A Unit of Hearst Corporation**  
**1301 W. Long Lake, Suite 300**  
**Troy, MI 48098**

Copyright © 2015 Hearst Business Media. All rights reserved.