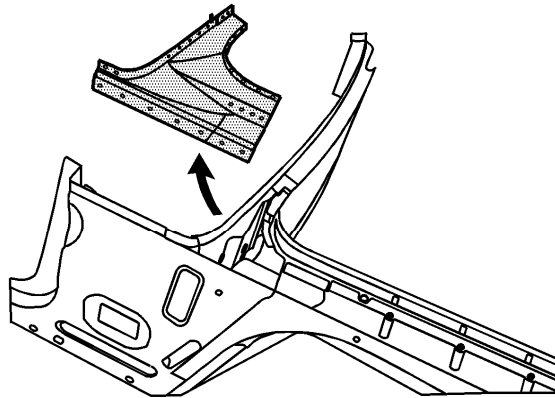


# Lock Pillar Gusset Replacement - Rear Compartment

## Removal Procedure

### **Caution**

Refer to [Approved Equipment for Collision Repair Caution](#) in Cautions and Notices.

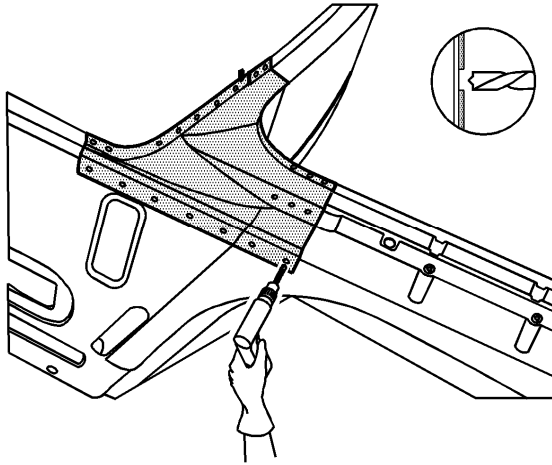


1. When replacing the lock pillar gusset, you must remove and replace the outer quarter panel.
2. Disable the SIR system. Refer to [SIR Disabling and Enabling Zones](#) in SIR.
3. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnect/Connect Procedure](#) in Engine Electrical.
4. Remove all related panels and components including the outer quarter panel. Refer to [Quarter Panel Replacement - Outer](#) .
5. Repair as much of the damage as possible to factory specifications. Refer to Roof Stowage Compartment and Rear Compartment in [Dimensions - Body](#) .

## Caution

Refer to [Foam Sound Deadeners Caution](#) in Cautions and Notices.

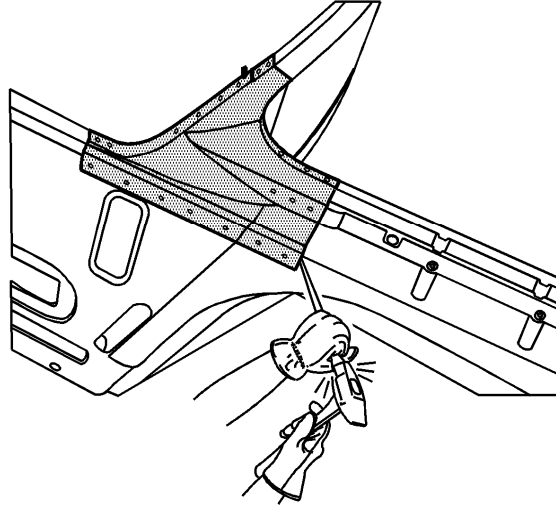
- Note the location and remove the sealers and the anti-corrosion materials from the repair area, as necessary. Refer to [Anti-Corrosion Treatment and Repair](#) in Paint and Coatings.



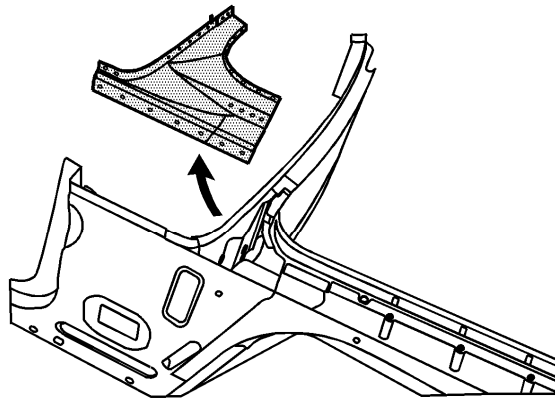
## Important

Do NOT damage any inner panels or reinforcements.

- Locate and drill out all factory welds. Note the number and the location of the welds for installation of the service part.

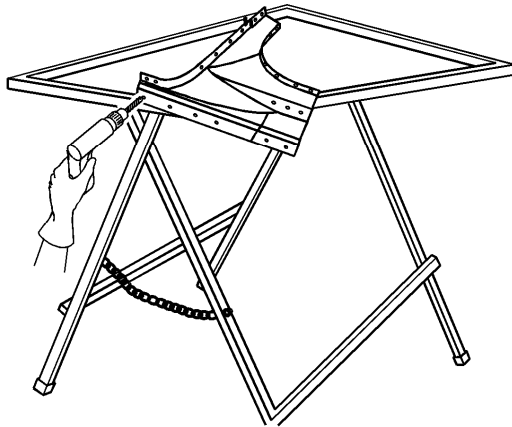


8. Verify for the existence of structural weld-through adhesive. Refer to [Structure Adhesive - Identification](#) . If necessary use a chisel to separate the gusset from the adjacent panels.

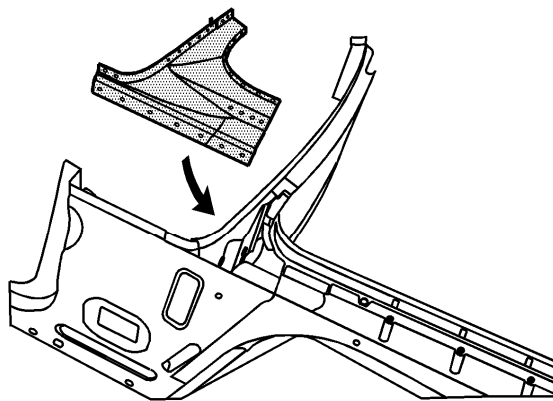


9. Remove the damaged gusset.

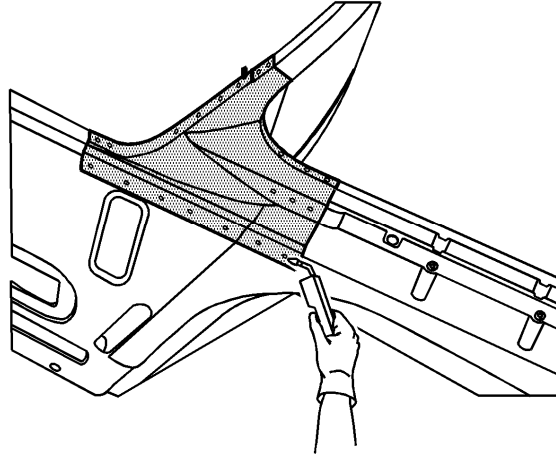
## Installation Procedure



1. Drill 8 mm (5/16 in) plug weld holes in the service part as necessary in the locations noted from the original panel.
2. Replace the structural adhesive with an additional plug weld between each existing plug weld where necessary.
3. Prepare all mating surfaces as necessary.
4. Apply GM-approved Weld-Thru Coating or equivalent to all mating surfaces. Refer to [Anti-Corrosion Treatment and Repair](#) .



5. Position the service part. Refer to Roof Stowage Compartment and Rear Compartment in [Dimensions - Body](#) .



6. Plug weld accordingly.
7. Install the outer quarter panel. Refer to [Quarter Panel Replacement - Outer](#) .
8. Clean and prepare all welded surfaces.
9. Apply the sealers and the anti-corrosion materials to the repair area, as necessary. Refer to [Anti-Corrosion Treatment and Repair](#) in Paint and Coatings.
10. Paint the repair area. Refer to [Basecoat/Clearcoat Paint Systems](#) in Paint and Coatings.
11. Install all related panels and components.
12. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnect/Connect Procedure](#) in Engine Electrical.
13. Enable the SIR. Refer to [SIR Disabling and Enabling Zones](#) in SIR.