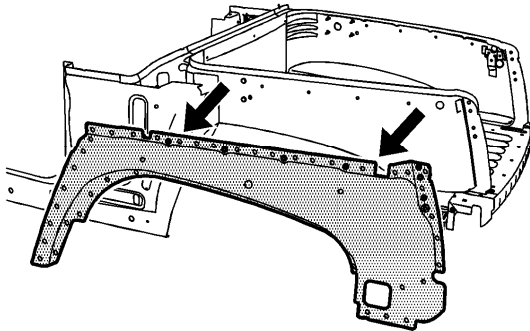


Rear Outer Wheelhouse Replacement (Complete)

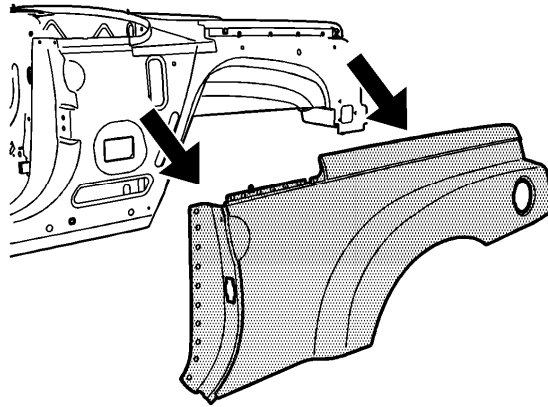
Removal Procedure



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

Important: Sectioning procedures have been developed to simplify the replacement of the outer body side panel. If the damage is less severe, use the wheelhouse sectioning procedure when replacing either the rear section of the outer body side panel or the entire panel.

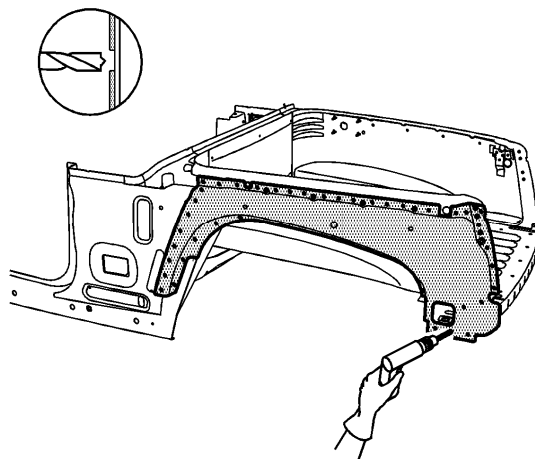
1. Disable the SIR system. Refer to [SIR Disabling and Enabling](#) in SIR.
2. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) in Engine Electrical.



3. Remove all related panels and components including the outer quarter panel and the lock pillar gusset. Refer to [Quarter Outer Panel Replacement](#) and to [Lock Pillar Gusset Replacement - Rear Compartment](#) .
4. Repair as much of the damage as possible to factory specifications. Refer to Rear Cargo Compartment in [Dimensions - Body](#) .

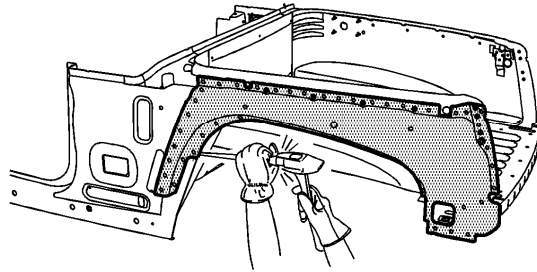
Caution: Refer to [Foam Sound Deadeners Caution](#) in Cautions and Notices.

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

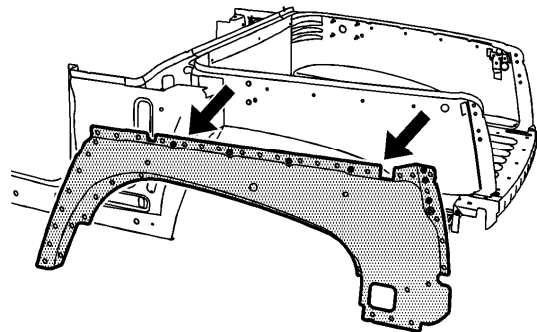


Important: Do NOT damage the inner panels or the reinforcements.

6. Locate and drill out all factory welds. Note the number and location of the welds for installation of the outer wheelhouse.

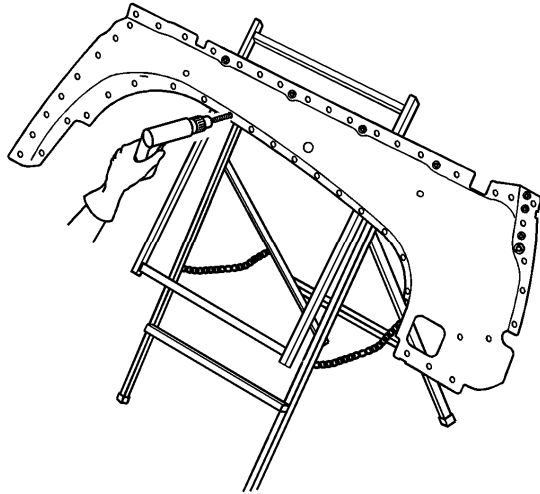


7. Verify the existence of structural weld-through adhesive. Refer to [Structure Adhesive - Identification](#) . If necessary use a chisel to separate the wheelhouse from the box side panel.

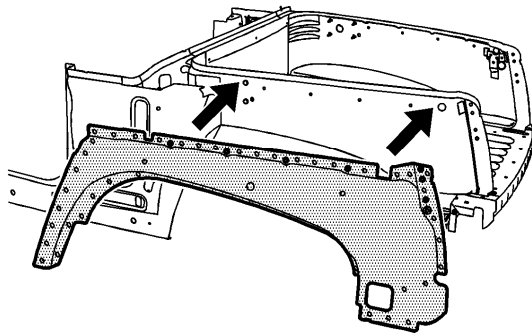


8. Remove the damaged wheelhouse panel.

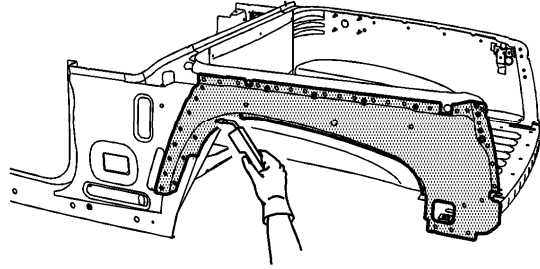
Installation Procedure



1. Drill 8 mm (5/16 in) plug weld holes in the service part as necessary in the locations noted on the original panel.
2. Replace the structural adhesive with an additional plug weld between existing plug welds 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 wheelhouse panel. Refer to Rear Compartment in [Dimensions - Body](#) .



6. Plug weld accordingly.
7. Install all related panels, including the lock pillar gusset and the outer quarter panel. Refer to [Lock Pillar Gusset Replacement - Rear Compartment](#) and to [Quarter Outer Panel Replacement](#) .
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 Disconnection and Connection](#) in Engine Electrical.
13. Enable the SIR system. Refer to [SIR Disabling and Enabling](#) in SIR.