

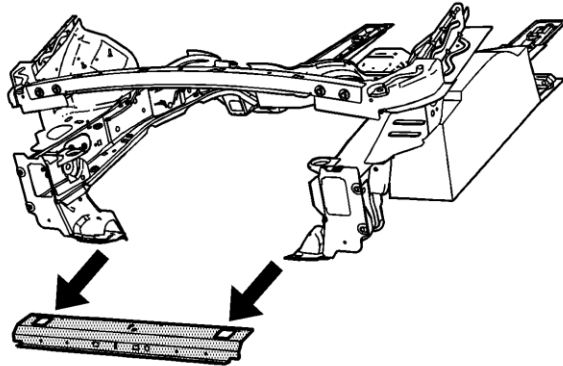
---

# Lower Tie Bar Replacement

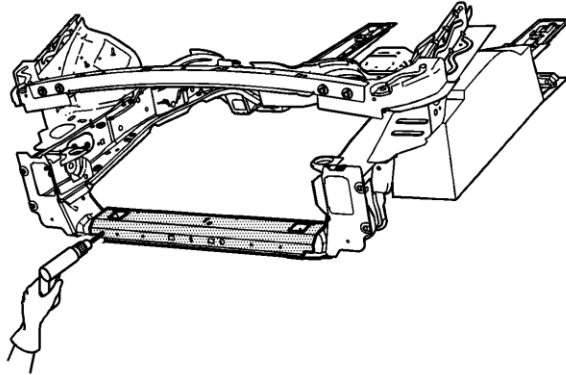
## Removal Procedure

**Caution:** Refer to [Approved Equipment for Collision Repair](#) Caution in the Preface section.

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

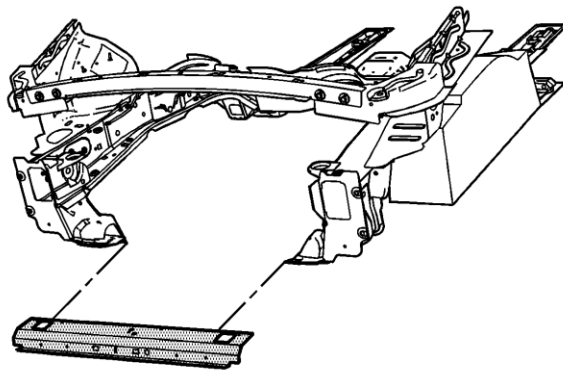


3. Remove all related panels and components.
4. Repair as much of the damage as possible to factory specifications. Refer to [Dimensions - Body](#) .
5. Note the location and remove the sealers and anti-corrosion materials from the repair area, as necessary. Refer to [Anti-Corrosion Treatment and Repair](#) .



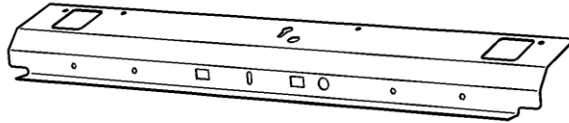
**Important:** Do not damage any inner panels or reinforcements.

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



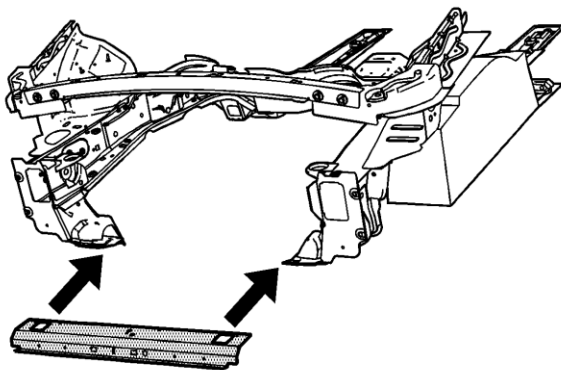
7. Remove the damaged tie bar.

## **Installation Procedure**



**Important:** If the location of the original plug weld holes can not be determined, space the plug weld holes every 40 mm (1 1/2 in) apart.

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. Prepare all mating surfaces, as necessary.
3. Apply GM-approved Weld-Thru Coating or equivalent to all mating surfaces. Refer to [Anti-Corrosion Treatment and Repair](#) .



4. Position the tie bar to the vehicle using 3-dimensional measuring equipment. Clamp the tie bar into place.
5. Plug weld accordingly.
6. Clean and prepare all welded surfaces.

7. Apply the sealers and anti-corrosion materials to the repair area, as necessary. Refer to [Anti-Corrosion Treatment and Repair](#) .
8. Paint the repair area. Refer to [Basecoat/Clearcoat Paint Systems](#) .
9. Install all related panels and components.
10. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#) .
11. Enable the SIR system. Refer to [SIR Disabling and Enabling](#) .