

Front Rail Replacement

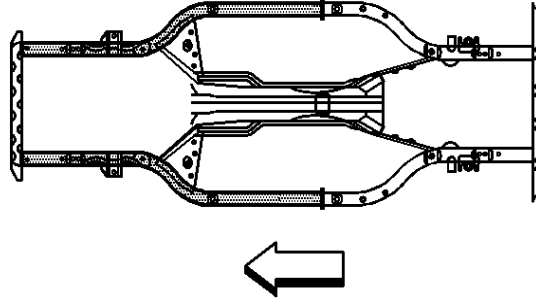
Tools Required

[J 42058](#) Frame Adapter Clamp

Removal Procedure

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

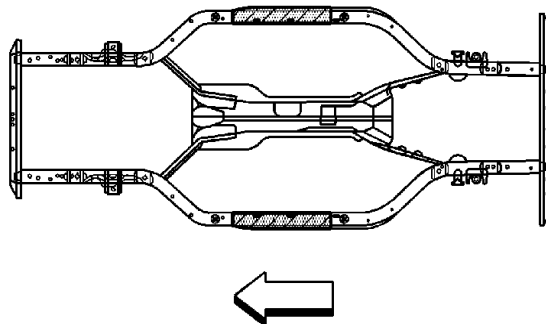
1. Disable the SIR system. Refer to [SIR Disabling and Enabling](#).
2. Disconnect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#).
3. Remove all related panels and components.
4. Remove the front impact bar. Refer to [Front Bumper Impact Bar Replacement](#).
5. Note the location and remove the sealers and anti-corrosion materials from the repair area. Refer to [Anti-Corrosion Treatment and Repair](#).
6. Repair as much of the damage as possible to the factory specifications.
7. Use [J 42058](#) to secure the vehicle if pulling and straightening are required.
8. Inspect the front of the dash panel, floor panels, and all other sheet molded compound (SMC) for cracks or areas that may need to be repaired or resealed.



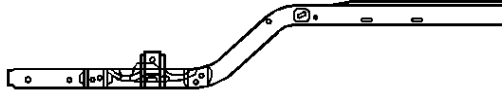
9. Remove the damaged section of frame rail within the shaded area.

Installation Procedure

Caution: Refer to Collision Sectioning Caution in Cautions and Notices.



1. Determine the sectioning joint location within the recommended area.



2. Cut the new frame section from the new frame rail assembly.
 3. Perform the sleeved butt-joint sectioning. Refer to [Sleeved Butt Joint Repair](#).
 4. Install the front impact bar. Refer to [Front Bumper Impact Bar Replacement](#).
 5. Apply the sealers and anti-corrosion materials to the repair area. Refer to [Anti-Corrosion Treatment and Repair](#).
 6. Paint the repair area. Refer to [Basecoat/Clearcoat Paint Systems](#).
 7. Install all related panels and components.
 8. Connect the negative battery cable. Refer to [Battery Negative Cable Disconnection and Connection](#).
 9. Enable SIR system. Refer to [SIR Disabling and Enabling](#).
-