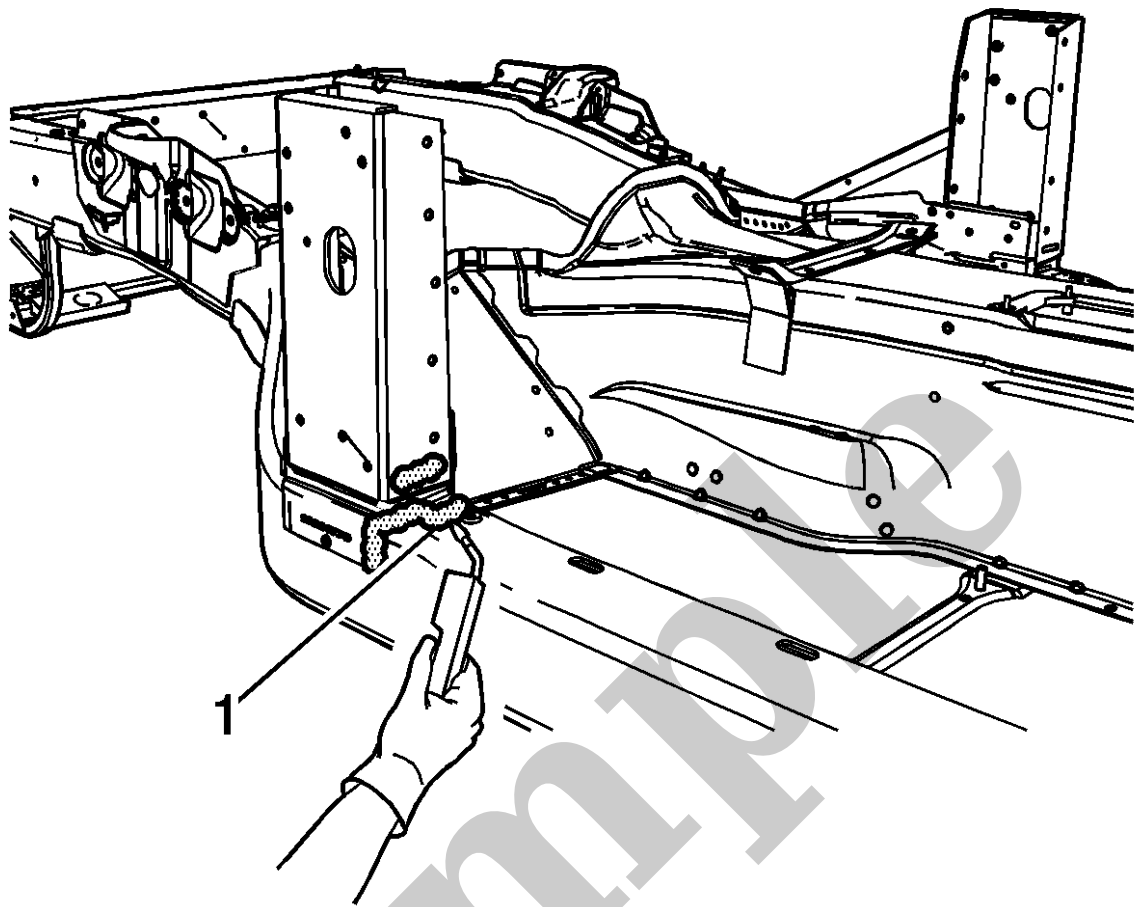


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

1983 CHEVROLET Corvette C4 Coupe OEM Service and Repair Workshop Manual

[Go to manual page](#)



8.

Using a PULSED-MIG welder, stitch weld the rear outer hinge pillar to the vehicle in the locations noted on the original panel (1).

YOUR CURRENT VEHICLE

Front Rail Replacement

Front Rail Replacement (Front Section)

Removal Procedure

1. **WARNING**

Warning

Refer to [Approved Equipment for Collision Repair Warning](#).

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. 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.



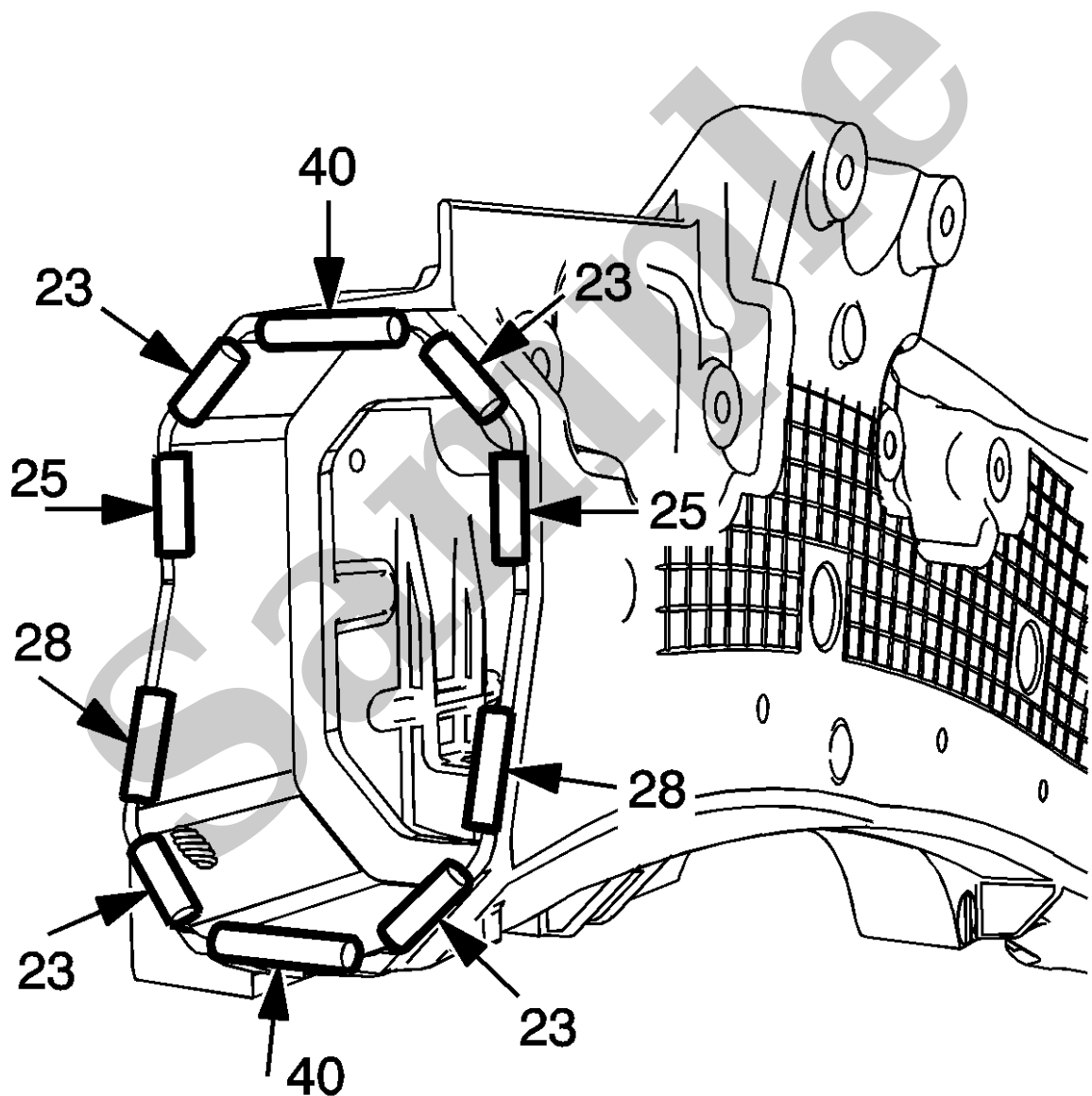
Recommend wire alloy is 5554 and wire size is .035. The shielding gas is 100 percent Argon. A two minute cooling down period is recommended for every 2 minutes or 100 mm (4 in) of welding.

NOTE

Note

Use a stainless steel brush to remove the oxide layer prior to welding.

Using a MIG Welder equipped with Pulse technology (P-MIG) welder, weld the front frame rail to the cast rail section duplicating the factory welds.



5.

NOTE

Note

YOUR CURRENT VEHICLE

Front Rail Replacement

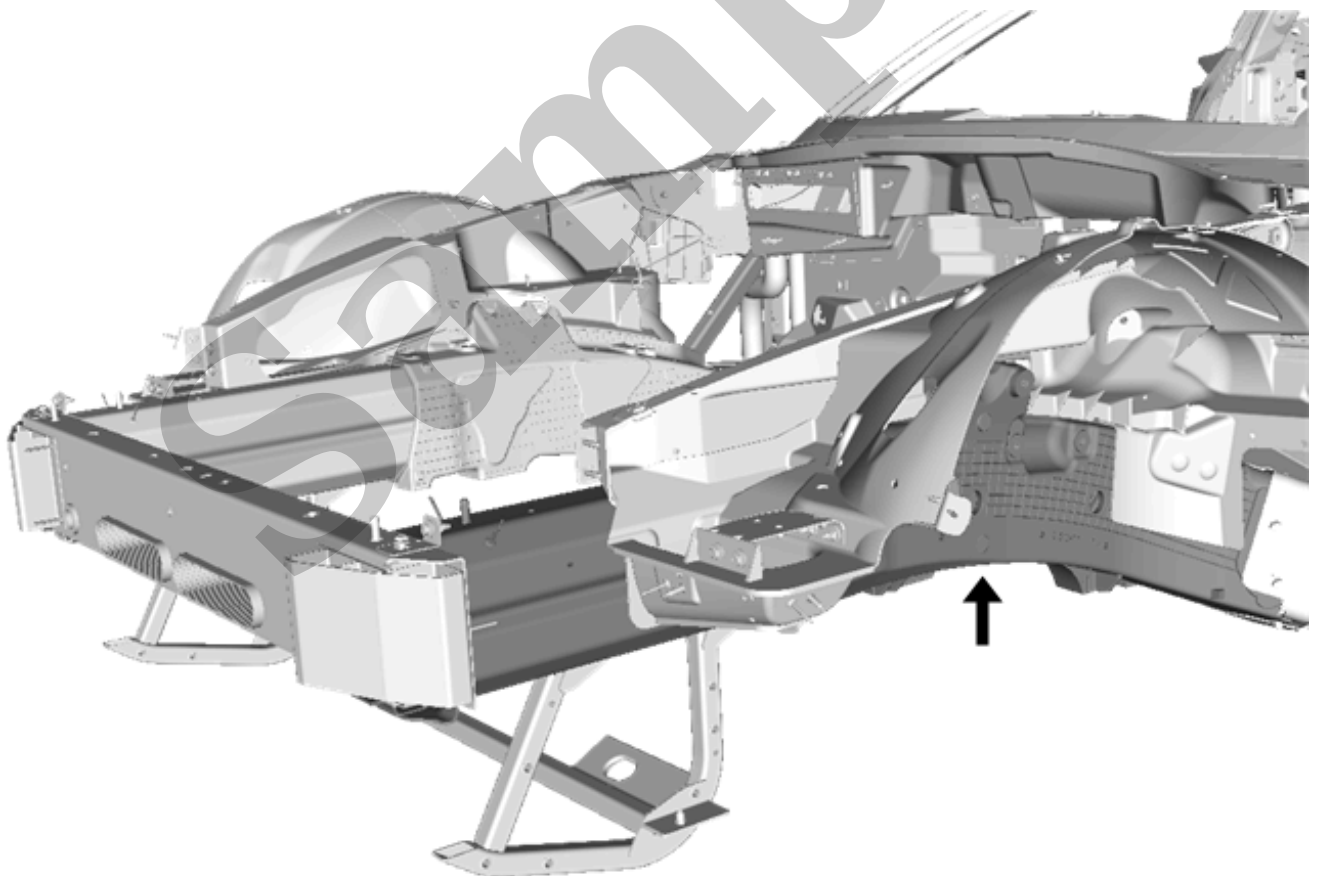
Front Rail Replacement (Rear Section)

Special Tools

J-42058 *Frame Adapter Clamp*

For equivalent regional tools, refer to [Special Tools](#).

Removal Procedure



1.

WARNING

