

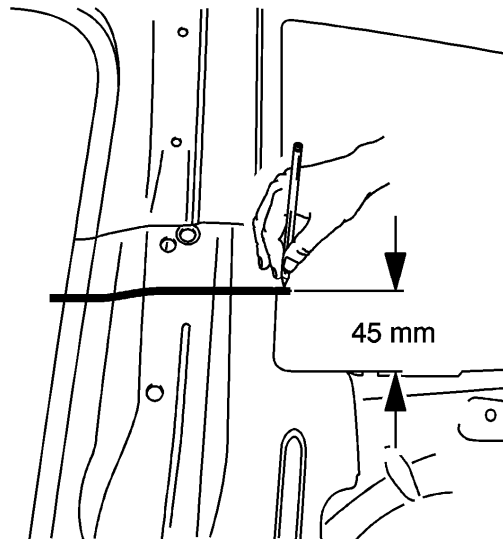
Center Pillar Sectioning - Inner (Coupe)

Removal Procedure

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

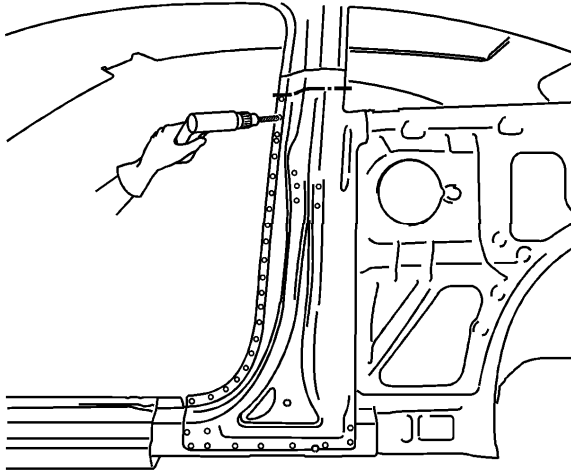
Important: Section in specified areas only. Sectioning outside of these areas may compromise the structural integrity of the vehicle. The sectioning procedures have been developed as a more cost-effective alternative to complete panel replacement.

1. Disable the supplemental inflatable restraint (SIR) system.
2. Disconnect the negative battery cable.
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](#) .
6. Section the quarter outer panel. Refer to [Quarter Outer Panel Sectioning](#) .

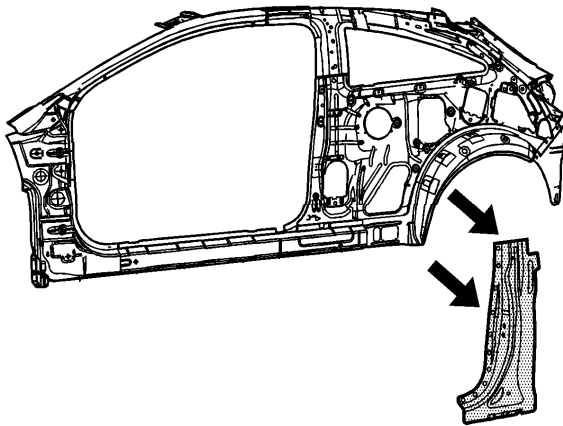


7. Measure and mark a horizontal line on the center pillar reinforcement as noted.

- Cut the panel where sectioning is to be performed.

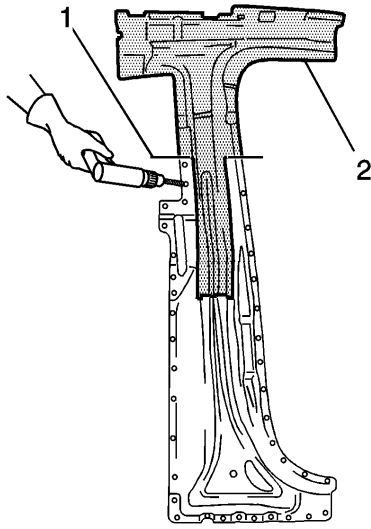


- Drill out the factory welds to separate the center pillar reinforcement from the body.



- Remove the damaged center pillar reinforcement from the vehicle.

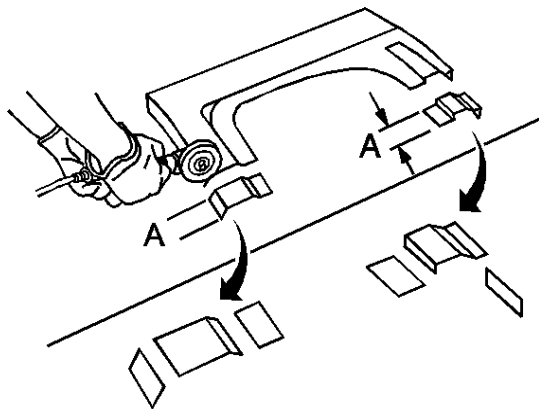
[Installation Procedure](#)



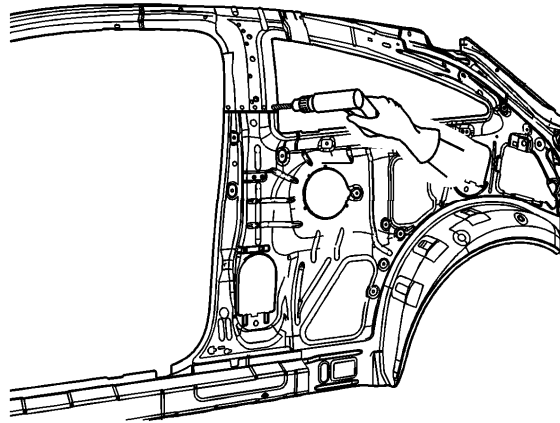
1. Cut the replacement center pillar reinforcement in corresponding locations (1) to fit the original panel. The sectioning joint should be trimmed to allow 1 times the metal thickness at the sectioning joint.
2. Drill out and discard unused parts (2) from the replacement assembly.

Important: If the location of the original plug weld holes cannot be determined, space the plug weld holes every 40 mm (1½ in) apart.

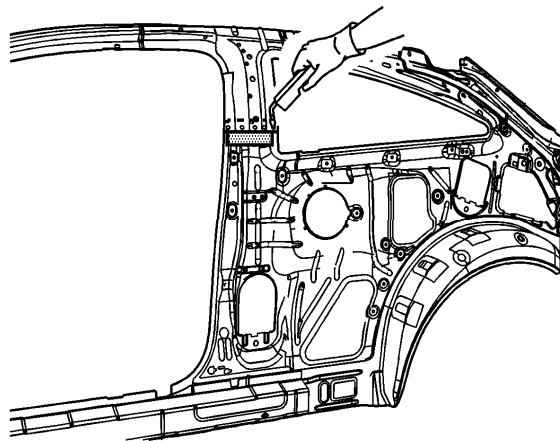
3. Drill 8-mm (5/16-in) plug weld holes in the replacement part as necessary in locations noted from the original panel.



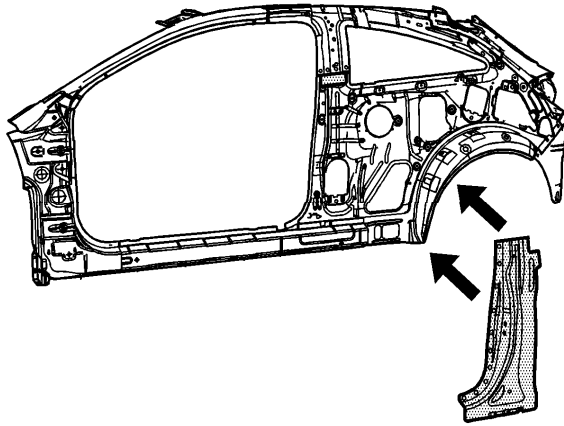
4. Create a 50-mm (2-in) backing plate from the unused portion of the replacement part. Trim the backing plate as necessary to fit behind the sectioning joint where there are no reinforcements.



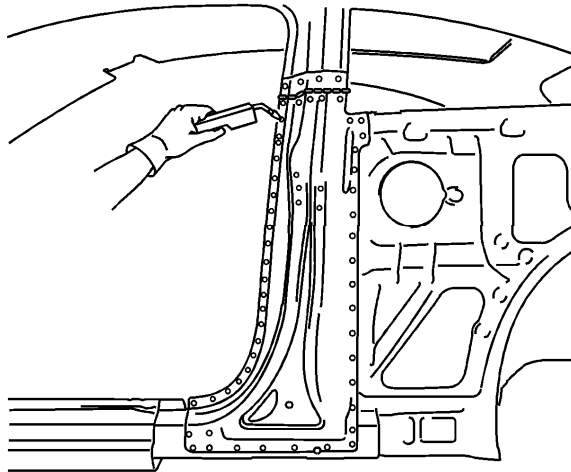
5. Drill 8-mm (5/16-in) plug weld holes along the sectioning joint on the original panel. Locate these holes 13 mm (1/2 in) from the edge and space 40 mm (1 1/2 in) apart.
6. Prepare all mating surfaces as necessary.
7. Apply GM-approved Weld-Thru coating or equivalent to all mating surfaces. Refer to [Anti-Corrosion Treatment and Repair](#).



8. Fit the backing plate halfway into the sectioning joint. Clamp and weld in place.



9. Position the replacement center reinforcement to the vehicle using 3-dimensional measuring equipment. Clamp in place.



10. Plug weld accordingly.

Important: To create a solid weld with minimum heat distortion, make 25 mm (1 in) stitch welds along the seam with 25 mm (1 in) gaps between.

11. Stitch weld the sectioning joint.
12. Apply GM-approved Weld-Thru adhesive as needed. Refer to [Anti-Corrosion Treatment and Repair](#).
13. Prepare all welded surfaces as necessary.

14. Apply the sealer and anti-corrosive materials to the repair area as necessary. Refer to [Anti-Corrosion Treatment and Repair](#) .
 15. Complete the quarter outer panel sectioning procedure. Refer to [Quarter Outer Panel Sectioning](#) .
 16. Paint the repair area. Refer to [Basecoat/Clearcoat Paint Systems](#) .
 17. Install all the related panels and components.
 18. Connect the negative battery cable.
 19. Enable the SIR system.
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