

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Body Repair**
2. **Collision Repair**
3. **Repair Instructions**
- 4.

Body Side Inner Panel Extension Replacement (Upper)

Removal Procedure

1. Click here for full size
2. Warning:

Refer to Approved Equipment for Collision Repair Warning.
3. Warning:

Refer to Collision Sectioning Warning.
4. Warning:

Refer to Glass and Sheet Metal Handling Warning.
5. Note:

The body side inner panel extension is 5000 series stamped aluminum sheet. Aluminum
6. Note:

Three dimensional fixturing equipment required for installation.
7. Note:

Left shown, right similar.
8. Disable the SIR system. SIR Disabling and Enabling.
9. Remove all related panels and components.
10. Remove the sealers and anti-corrosion materials from the repair area as necessary. Anti-Corrosion Treatment and Repair
11. Click here for full size
12. Note:

Record the number, location and length of aluminum MIG welds for installation.
13. Note:

Do not damage or cut attaching panels and reinforcements.
14. Remove welds (1) from body side inner panel extension using a cut off wheel or equivalent tool. [3X]
15. Click here for full size
16. Note:

Record the number, location and length of aluminum MIG welds for installation.
17. Note:

Do not damage or cut attaching panels and reinforcements.
18. Remove MIG welds (1) from body side inner panel extension using a cut off wheel or equivalent tool. [2X]
19. Click here for full size
20. Remove body side inner panel extension (1) from vehicle.

Installation Procedure

1. [Click here for full size](#)
2. Clean and prepare all welded mating surfaces.
3. Install body side inner panel extension (1) using three-dimensional fixturing equipment and clamp into place.
4. [Click here for full size](#)
5. Note:

Duplicate the number, location and length of aluminum MIG welds as noted in removal.

6. Install MIG welds (1) using Pulse MIG welder [3X]. Aluminum
7. [Click here for full size](#)
8. Note:

Duplicate the number, location and length of aluminum MIG welds as noted in removal.

9. Install MIG welds (1) using Pulse MIG welder [2X]. Aluminum
10. Apply the sealers and anti-corrosion materials to the repair area as necessary. Anti-Corrosion Treatment and Repair
11. Paint the repaired area. Basecoat/Clearcoat Paint Systems.
12. Install all related panels and components.
13. Enable the SIR System. SIR Disabling and Enabling.