

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. [Body Repair](#)
2. [Collision Repair](#)
3. [Repair Instructions](#)
- 4.

Rear Bumper Impact Bar Anchor Plate Replacement

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 rear bumper impact bar anchor plate is 6000 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 rear bumper impact bar. [Rear Bumper Impact Bar Replacement](#)
11. Remove the sealers and anti-corrosion materials from the repair area as necessary. [Anti-Corrosion Treatment and Repair](#)
12. Click here for full size
13. Note:

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

Do not damage or cut attaching panels and reinforcements.
15. Remove MIG welds (1) from rear bumper impact bar anchor plate using a cut off wheel or equivalent tool. [2X]
16. Click here for full size
17. Remove rear bumper impact bar anchor plate (1) from vehicle.

Installation Procedure

1. Click here for full size
2. Clean and prepare all welded mating surfaces.
3. Install rear bumper impact bar anchor plate (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 using Pulse MIG welder (1) [2X]. Aluminum
7. Apply the sealers and anti-corrosion materials to the repair area as necessary. Anti-Corrosion Treatment and Repair
8. Paint the repaired area. Basecoat/Clearcoat Paint Systems.
9. Install rear bumper impact bar. Rear Bumper Impact Bar Replacement
10. Install all related panels and components.
11. Enable the SIR System. SIR Disabling and Enabling.

mcx30.com