

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

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

Dash Panel Replacement

Materials

- Structural Adhesive Sheet Molded Compound (SMC) Panel Bonding

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 dash panel is made of sheet molded compound (SMC).Sheet Molded Compound (SMC) Panel Bonding
6. Disable the SIR system. SIR Disabling and Enabling.
7. Remove all related panels and components.
8. Click here for full size
9. Note:

Do not use open flame.
10. Note:

Heat slowly and focus heat on panel being replaced.
11. Note:

Excessive prying force may damage surrounding structure.
12. Apply heat to release adhesive (1).
13. Click here for full size
14. Note:

Excessive prying force may damage surrounding structure.
15. Remove dash panel (1) from vehicle.
16. Note:

Note location and thickness of adhesive bead path.
17. Note:

Do not damage body structure when removing adhesive.
18. Remove remaining adhesive from body structure.

Installation Procedure

1. Note:

Temporarily install replacement part.

2. Position dash panel on vehicle using three-dimensional measuring equipment.

3. [Click here for full size](#)

4. Remove dash panel (1) from vehicle.

5. [Click here for full size](#)

6. Note:

Accurate and timely assembly methods must be used in order to meet proper bonding requirements.

7. Note:

Dry fit all parts with proper clamping devices prior to final assembly to ensure full understanding of the assembly process.

8. Note:

When using adhesive, ensure all necessary tools and materials are in place prior to final assembly.

9. Note:

Only remove E-coat where adhesive will be applied.

10. Note:

Ensure all bare metal is covered.

11. Clean and prepare mating surfaces on structure and replacement part according to adhesive manufacturer's recommendations. Sheet Molded Compound (SMC) Panel Bonding

12. Apply structural adhesive (1) 10 mm (3/8") in diameter to mating surfaces on structure and replacement part according to adhesive manufacturer's recommendations. Sheet Molded Compound (SMC) Panel Bonding

13. [Click here for full size](#)

14. Note:

Refer to adhesive manufacturer's recommendations for clamp and cure times.

15. Note:

Ensure dash panel frame has seated throughout the adhesive path.

16. Note:

Ensure all sealers or baffles are in place before installing dash panel.

17. Install dash panel (1) on vehicle and clamp into place.

18. Remove excess adhesive.

19. Leave clamps in place until adhesive is completely cured.

20. Install all related panels and components.

21. Enable the SIR System. SIR Disabling and Enabling