

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Brakes**
2. **Hydraulic Brakes**
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- 4.

Brake Pedal Assembly Replacement

Warning:

The battery must be disconnected to prevent the brake master cylinder from pressurizing the hydraulic system during its automated self diagnostic tests that can possibly occur when a door is opened or the key transmitter is activated. Failure to follow this precaution may cause personal injury.

Warning:

Refer to Brake Fluid Irritant Warning.

Caution:

Minimize side motion and side loading of Brake Master Cylinder Pushrod to prevent bending the Brake Master Cylinder Pushrod. A bent Brake Master Cylinder Pushrod will require a NEW Brake Master Cylinder be installed.

Caution:

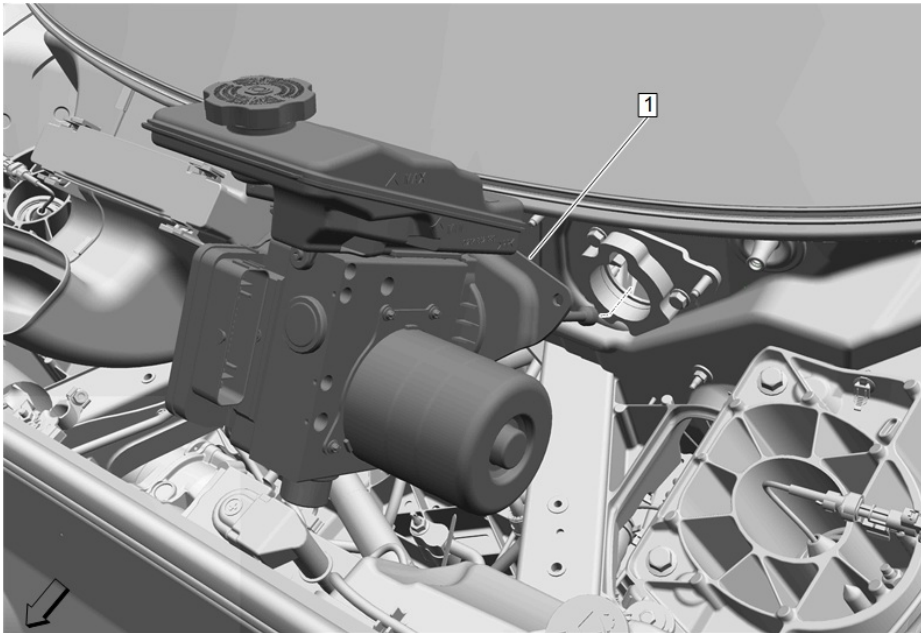
Extreme care must be taken when removing and installing the Brake Master Cylinder. If the Brake Master Cylinder Pushrod is bent during the removal or Installation it will require a NEW Brake Master Cylinder be installed.

Caution:

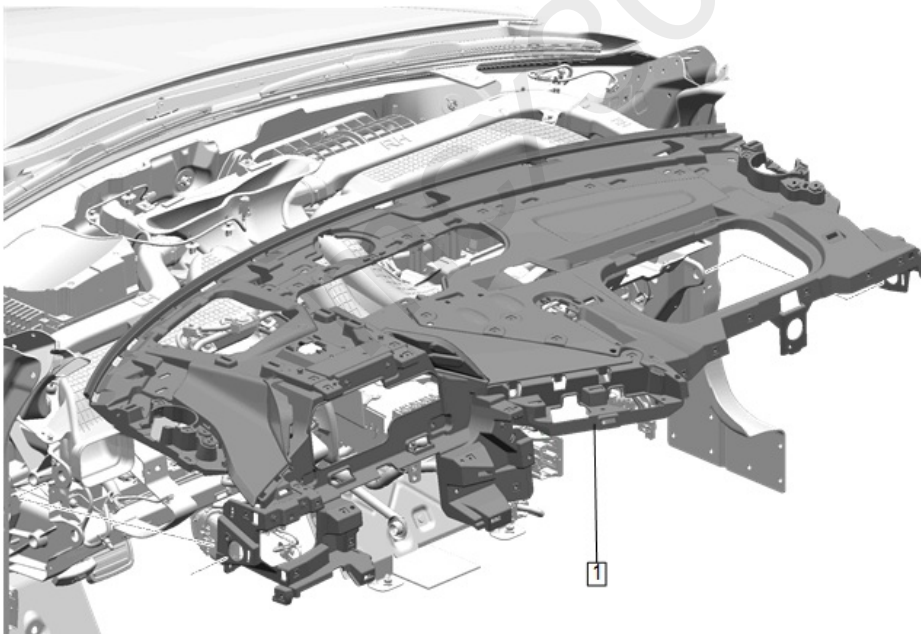
Refer to Brake Fluid Effects on Paint and Electrical Components Caution.

Removal Procedure

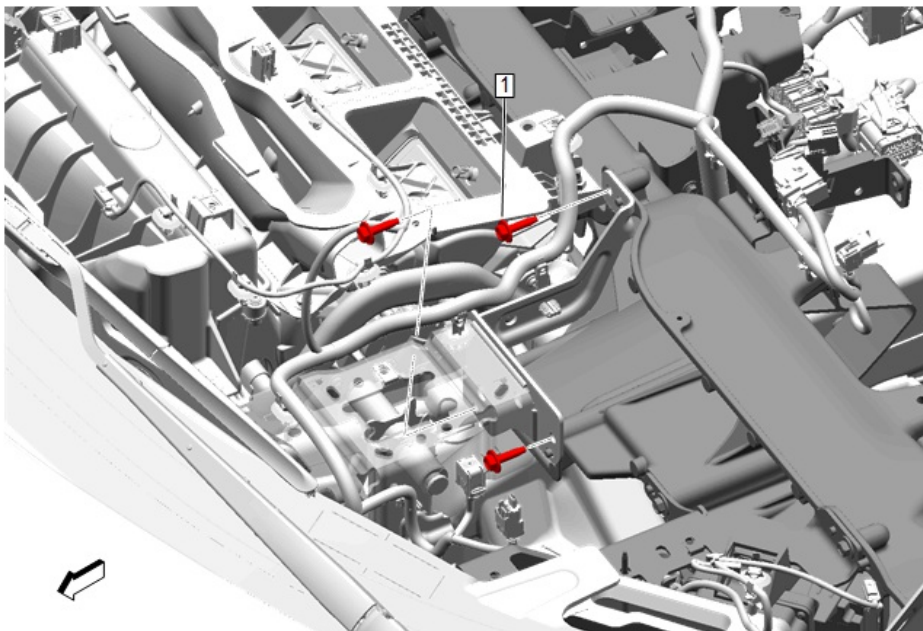
1. Disconnect the battery negative cable. Battery Negative Cable Disconnection and Connection
2. Recover the refrigerant. Refrigerant Recovery and Recharging
3. Drain the coolant. Cooling System Draining and Filling



4. [Click here for full size](#)
5. Brake Master Cylinder Assembly (1) >> Remove - Brake Master Cylinder Replacement - With Power Brake Booster and Electronic Brake Control Module



6. [Click here for full size](#)
7. Instrument Panel Carrier (1) >> Remove - Instrument Panel Carrier Replacement



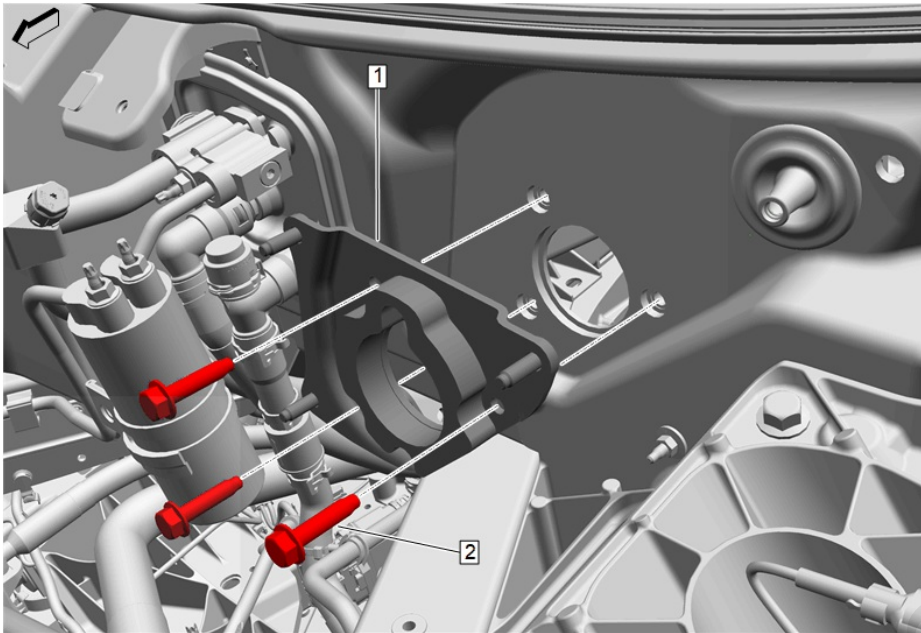
8.
[Click here for full size](#)

9. Brake and Accelerator and Clutch Pedal Bracket Bolt (1) >> Remove [3x]

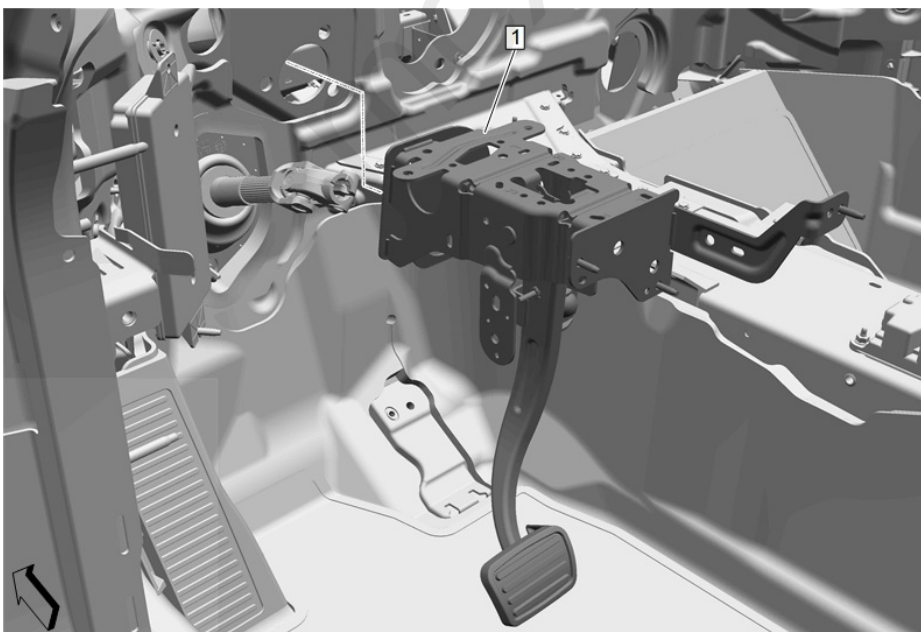


10.
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11. Remove the instrument panel tie bar and heater and air conditioning evaporator and blower module (1) together with the aid of an assistant.
 Instrument Panel Tie Bar Replacement

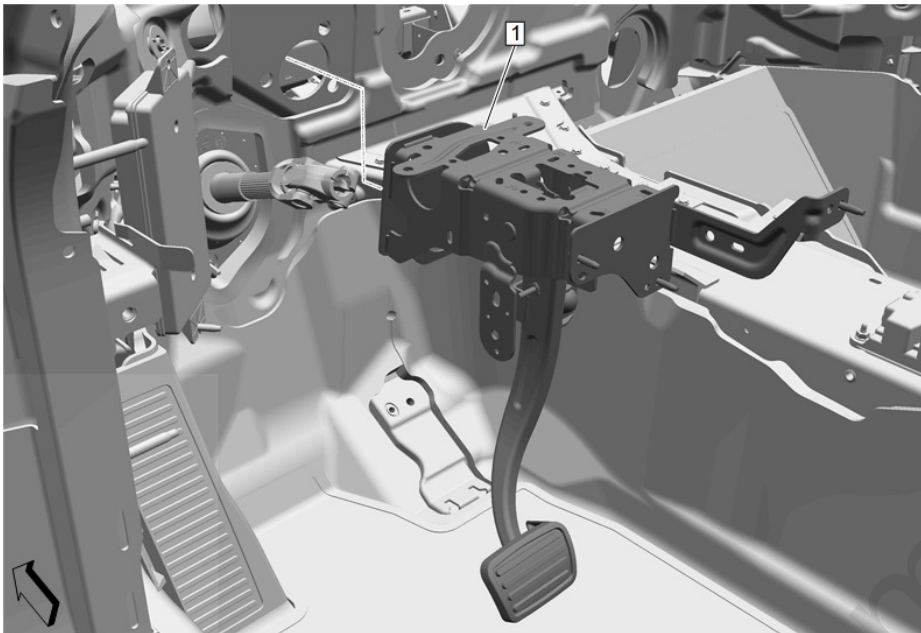


12. [Click here for full size](#)
13. Have an assistant hold the brake pedal from the inside of the vehicle while the brake master cylinder bolts (2) are being removed.
14. Brake Master Cylinder Bolt (2) >> Remove [3x]
15. Brake Master Cylinder Bracket (1) >> Remove and DISCARD

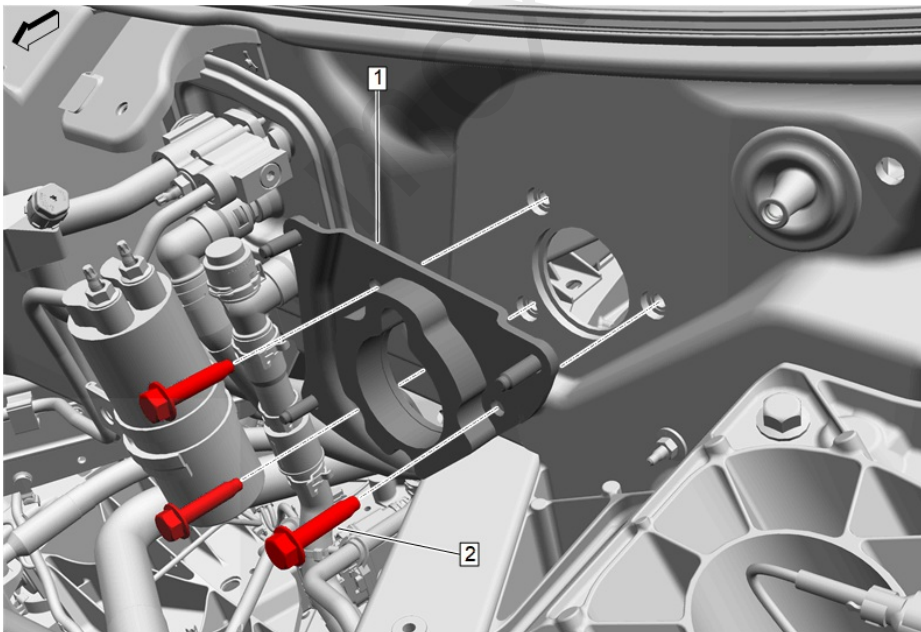


16. [Click here for full size](#)
17. Brake Pedal (1) >> Remove

Installation Procedure



1.
[Click here for full size](#)
2. Brake Pedal (1) >> Install



3.
[Click here for full size](#)
4. Have an assistant hold the brake pedal in place while the brake master cylinder bolts (2) are installed.
5. Brake Master Cylinder Bracket (1) >> Install NEW

6. Caution:

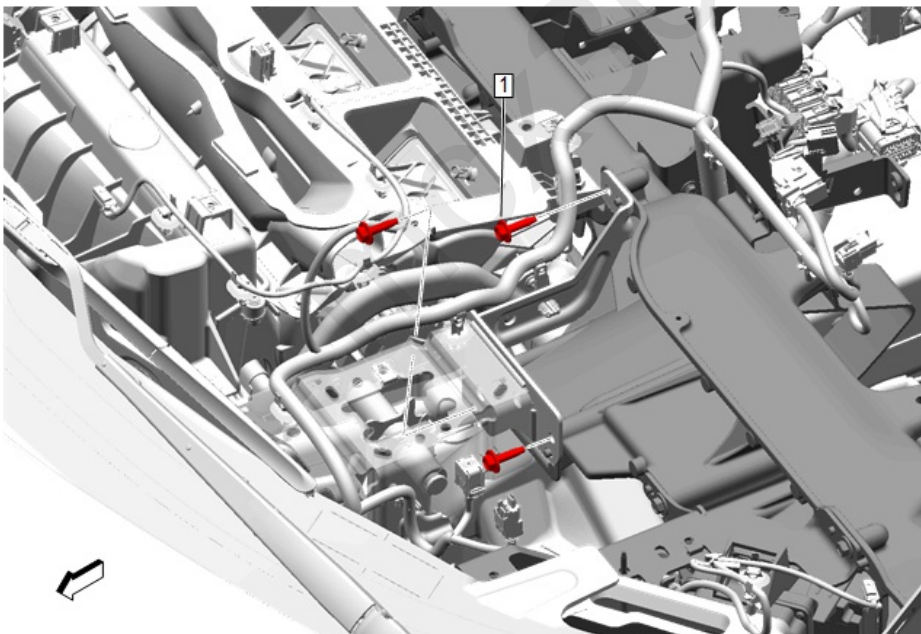
Refer to Fastener Caution.

7. Brake Master Cylinder Bolt (2) >> Install and tighten [3x]22 N-m (16 lb ft)



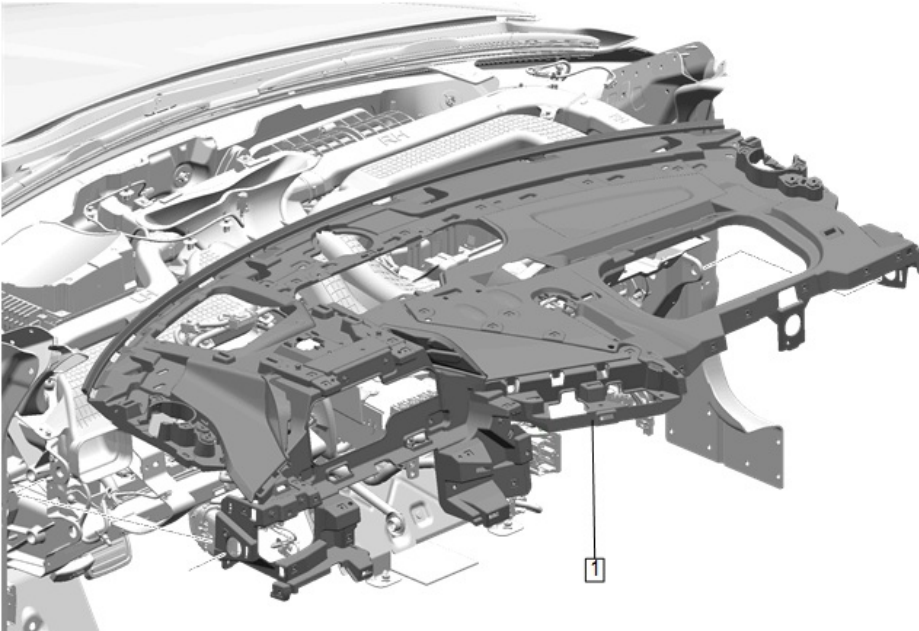
8.
[Click here for full size](#)

9. Install the instrument panel tie bar and heater and air conditioning evaporator and blower module (1) together with the aid of an assistant.
Instrument Panel Tie Bar Replacement

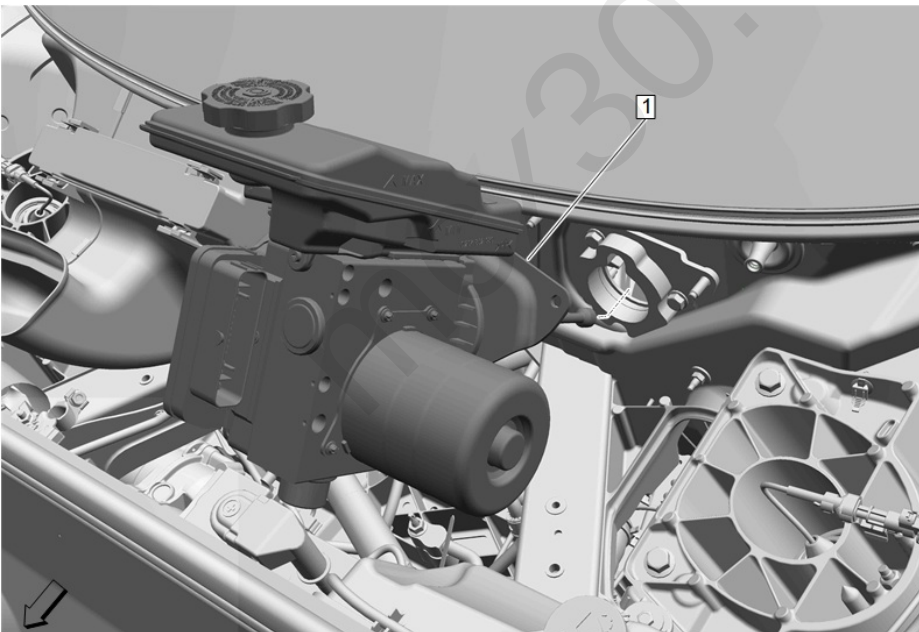


10.
[Click here for full size](#)

11. Brake and Accelerator and Clutch Pedal Bracket Bolt (1) >> Install and tighten [3x]9 N-m (80 lb in)



12. [Click here for full size](#)
13. Instrument Panel Carrier (1) >> Install - Instrument Panel Carrier Replacement
14. Confirm that the brake pedal is secured towards the driver seat in the rearmost position.



15. [Click here for full size](#)
16. **Caution:**
Ensure that the Brake Master Cylinder Pushrod is aligned to the brake pedal retainer when installing the brake master cylinder, If the push rod is NOT aligned properly it may result in a bent Brake Master Cylinder Pushrod requiring a NEW Brake Master Cylinder be installed.
17. Brake Master Cylinder Assembly (1) >> Install - Brake Master Cylinder Replacement - With Power Brake Booster and Electronic Brake Control Module
18. Connect the battery negative cable. Battery Negative Cable Disconnection and Connection

19. Bleed the brake system. Hydraulic Brake System Bleeding
20. Fill the cooling system to the proper level. Cooling System Draining and Filling
21. Inspect for fluid leaks.
22. Evacuate and charge the refrigerant system. Refrigerant Recovery and Recharging
23. Check for refrigerant leaks.

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