

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

1. Brakes
2. Hydraulic Brakes
3. Repair Instructions
- 4.

Brake System Control Module 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:

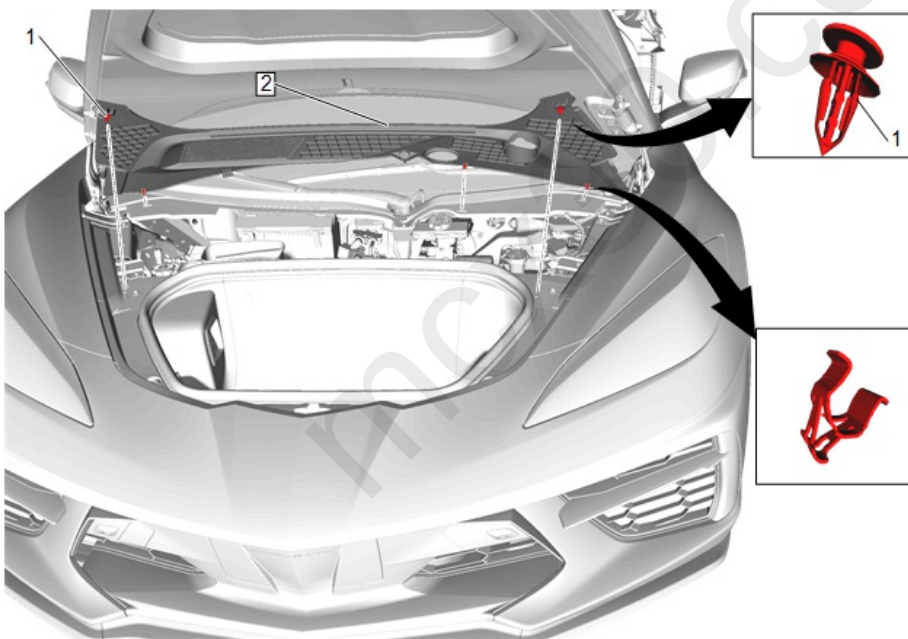
Brake Fluid Irritant Warning

Caution:

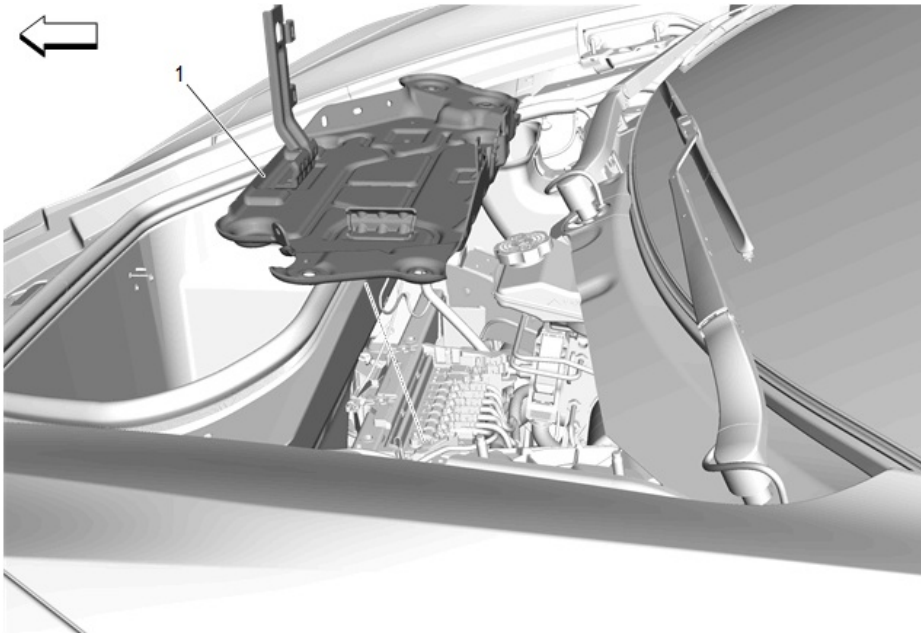
Brake Fluid Effects on Paint and Electrical Components Caution

Removal Procedure

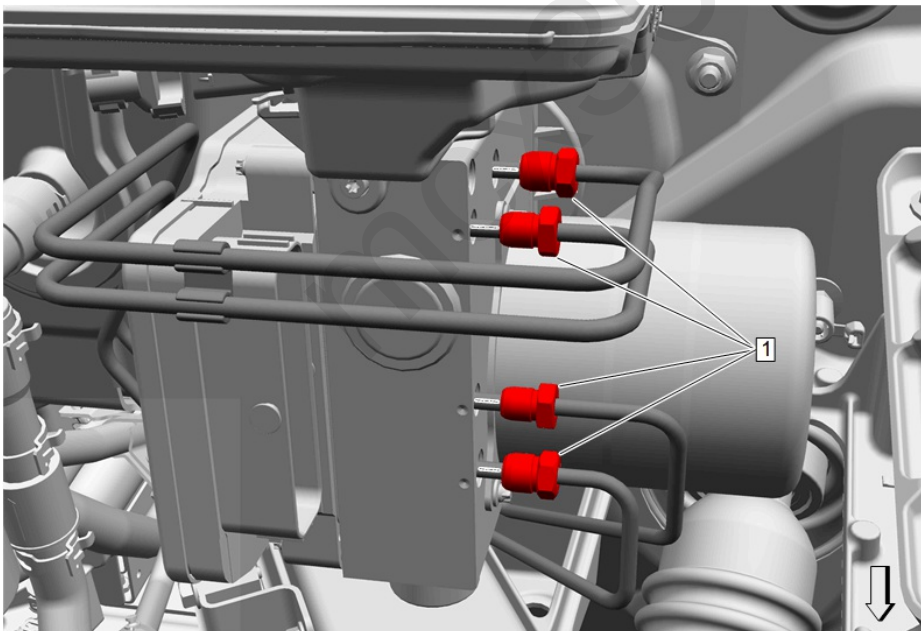
1. Prepare the brake system control module for removal with Service Programming System (SPS) and follow the on-screen instructions.



2.
[Click here for full size](#)
3. Front Compartment Rear Access Cover (2) >> Remove - Front Compartment Rear Access Cover Replacement

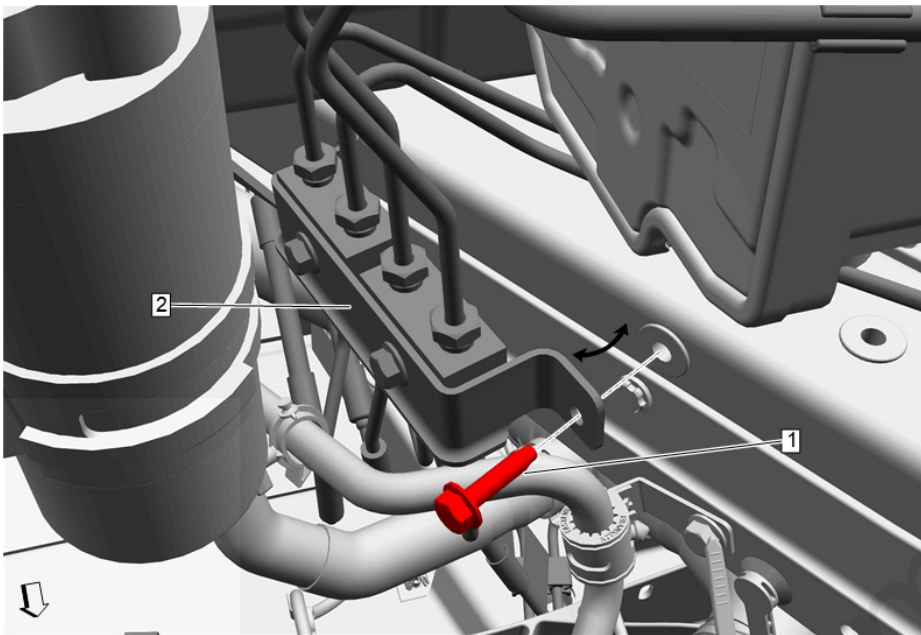


4. [Click here for full size](#)
5. Battery Tray (1) >> Remove - Battery Tray Replacement
6. Electrical Connector @ Brake Fluid Level Sensor >> Disconnect
7. Electrical Connector @ Brake System Control Module >> Disconnect



8. [Click here for full size](#)
9. Note:
Label the brake pipes to ensure they are re-installed in the correct ports of the brake pressure modulator valve.
10. Front and Rear Brake Front Pipe Nut (1) >> Remove [4x]
11. Cap the front and rear brake front pipes to prevent brake fluid loss and contamination.

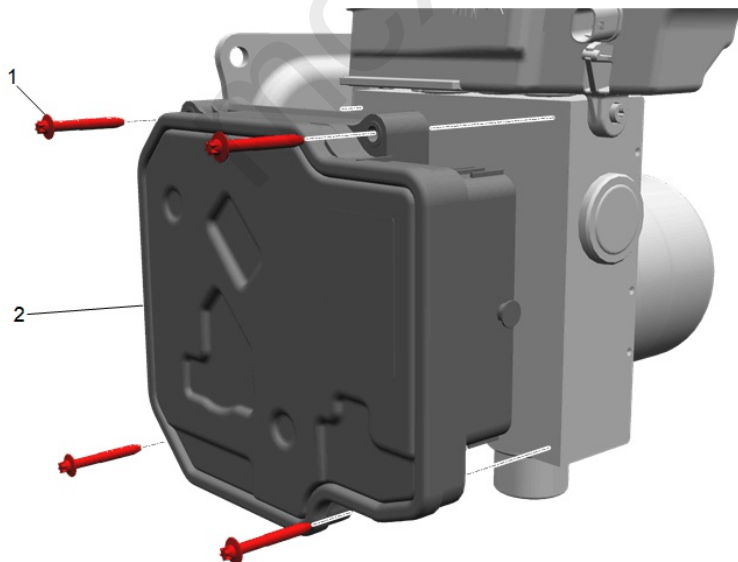
12. Plug the brake pressure modulator valve inlet ports to prevent brake fluid loss and contamination.



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

14. Front Brake Pipe Fitting Bolt (1) >> Remove

15. Front Brake Pipe Bracket (2) >> Reposition



16.
[Click here for full size](#)

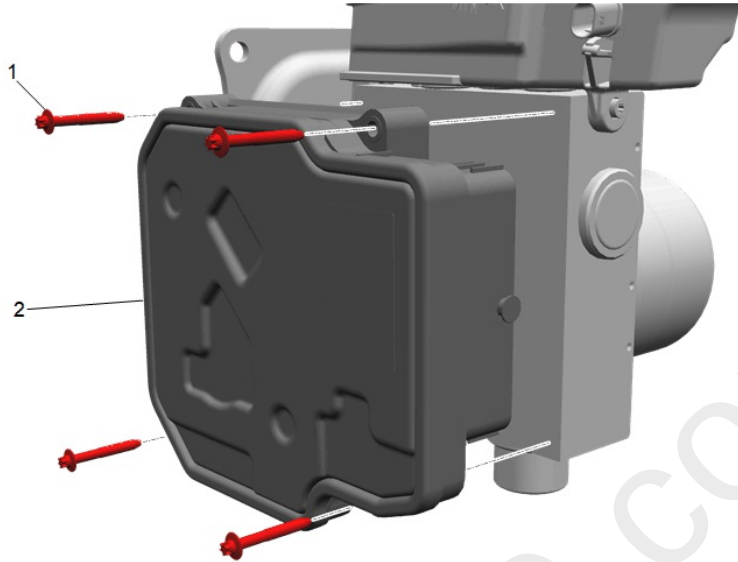
17. Electronic Brake Control Module Bolt (1) >> Remove [4x]

18. **Caution:**

When removing the Brake System Control Module (BSCM) from the Master Cylinder Assembly, ensure the valve coils in the (BSCM) clear the pins in the Master Cylinder Assembly. If the coils or pins are damaged the complete Master Cylinder Assembly will require replacement.

19. Brake System Control Module (2) >> Remove

Installation Procedure



1.

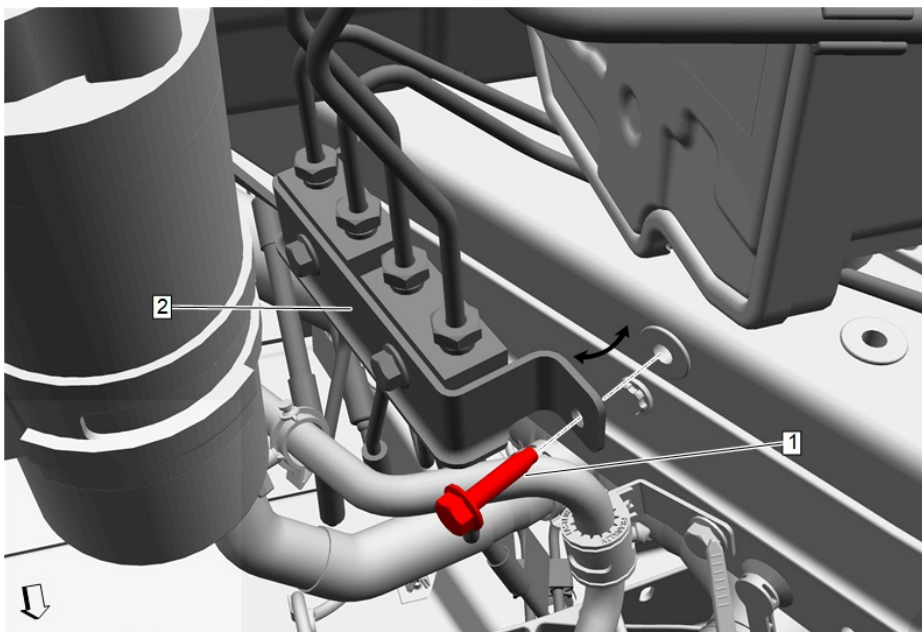
[Click here for full size](#)

2. Brake System Control Module (2) >> Install

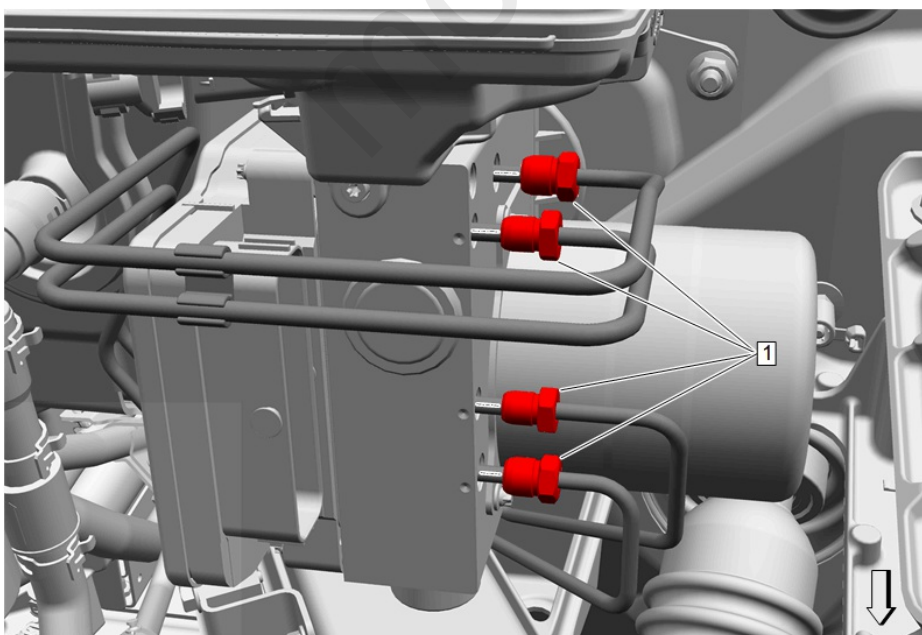
3. **Caution:**

Fastener Caution

4. Electronic Brake Control Module Bolt (1) >> Install and tighten [4x]3 N-m (27 lb in)



5. [Click here for full size](#)
6. Front Brake Pipe Bracket (2) >> Install
7. Front Brake Pipe Fitting Bolt (1) >> Install and tighten - Brake Master Cylinder Replacement - With Power Brake Booster and Electronic Brake Control Module
8. Remove the caps from the front and rear brake front pipes.



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

Refer to the procedure link for torque specification.

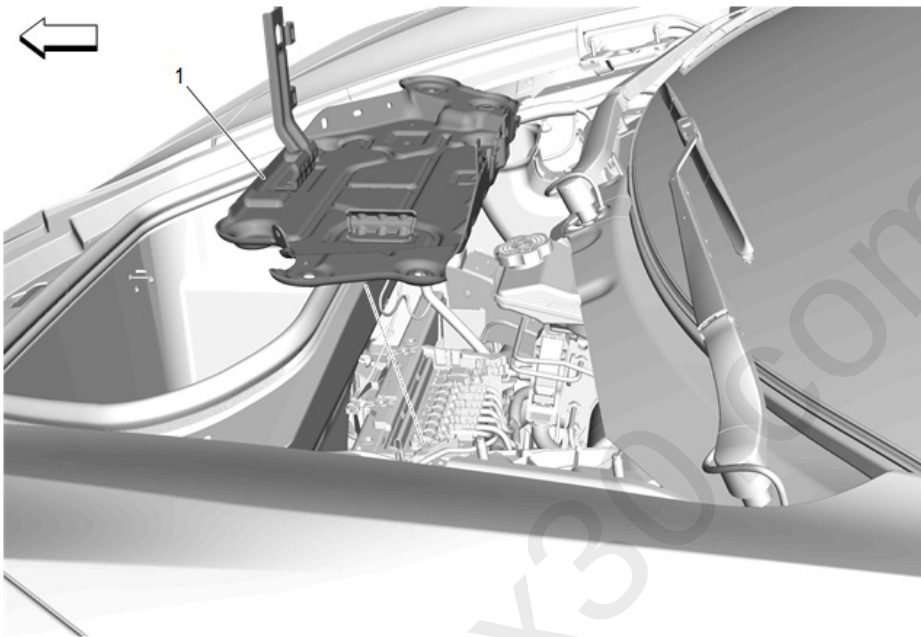
11. Front and Rear Brake Front Pipe Nut (1) >> Install [4x]

12.

- Front Brake Front Pipe Replacement - Left Side
- Front Brake Front Pipe Replacement - Right Side
- Rear Brake Front Pipe Replacement - Left Side
- Rear Brake Front Pipe Replacement - Right Side

13. Electrical Connector @ Brake Fluid Level Sensor >> Connect

14. Electrical Connector @ Brake System Control Module >> Connect



15.

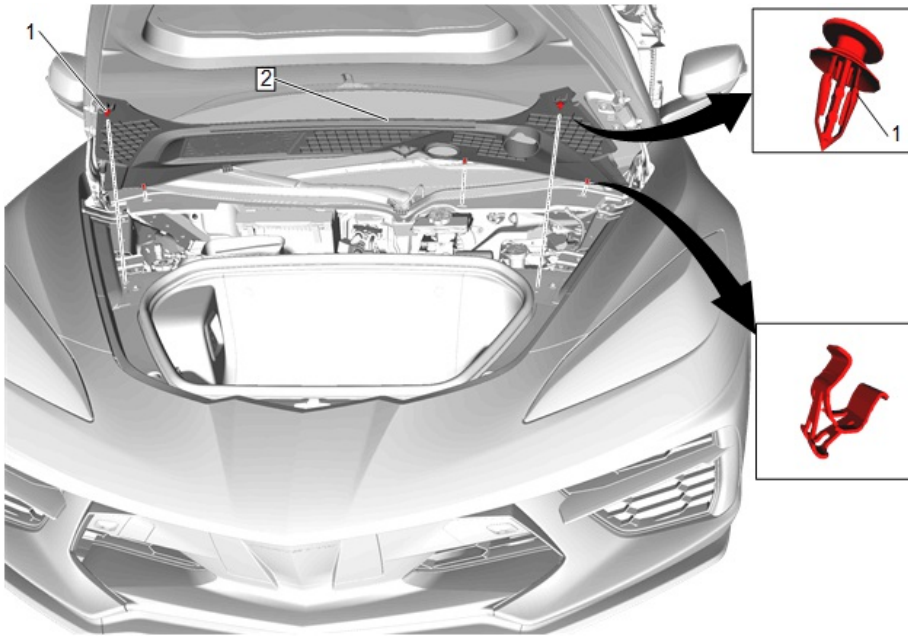
[Click here for full size](#)

16. Battery Tray (1) >> Install - Battery Tray Replacement

17. Reprogram the brake system control module. Control Module References

18. Bleed the brake system. Hydraulic Brake System Bleeding

19. Inspect for fluid leaks.



20.
[Click here for full size](#)

21. Front Compartment Rear Access Cover (2) >>> Install - Front Compartment Rear Access Cover Replacement

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