

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. Suspension
2. **Suspension Controls**
3. **Repair Instructions**
- 4.

Front Suspension Leveling/Lifting Hydraulic Power Pack Module Replacement

Removal Procedure

Warning:

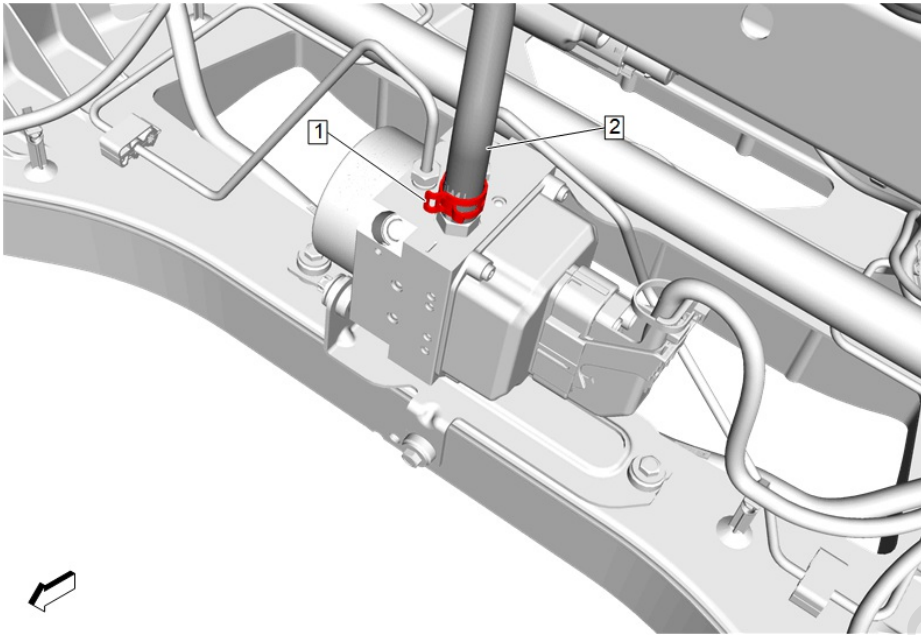
Refer to Brake Fluid Irritant Warning.

Caution:

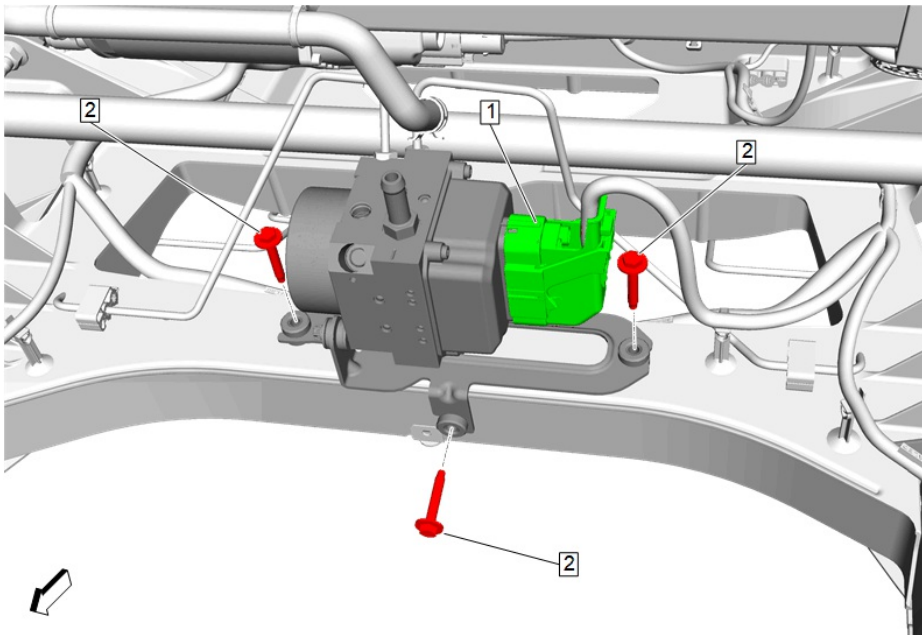
Refer to Brake Fluid Effects on Paint and Electrical Components Caution.



1.
Click here for full size
2. Front Compartment Front Panel (1) >> Remove - Front Compartment Front Panel Replacement
3. Raise and support the vehicle. Lifting and Jacking the Vehicle
4. Front Compartment Insulator >> Remove - Front Compartment Insulator Replacement



5.
Click here for full size
6. Hydraulic Suspension Fluid Reservoir Hose (2) @ Front Suspension Leveling/Lifting Hydraulic Power Pack Module >> Remove - Hydraulic Suspension Fluid Reservoir Hose Replacement
7. Remove the right and left side front hydraulic suspension actuator inlet pipes from the front suspension leveling/lifting hydraulic power pack module.
8.
 - Front Hydraulic Suspension Actuator Inlet Pipe Replacement - Left Side
 - Front Hydraulic Suspension Actuator Inlet Pipe Replacement - Right Side
9. Cap all open lines and ports to prevent fluid loss and contamination.

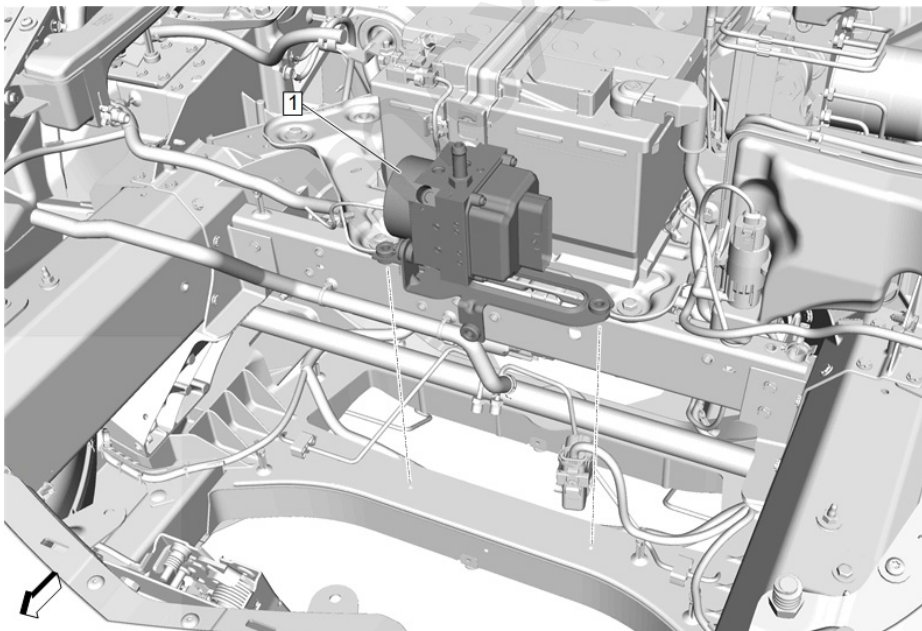


10.

[Click here for full size](#)

11. Disconnect the electrical connector. (1)

12. Front Suspension Leveling/Lifting Hydraulic Power Pack Module Bracket Bolt (2) >> Remove [3x]

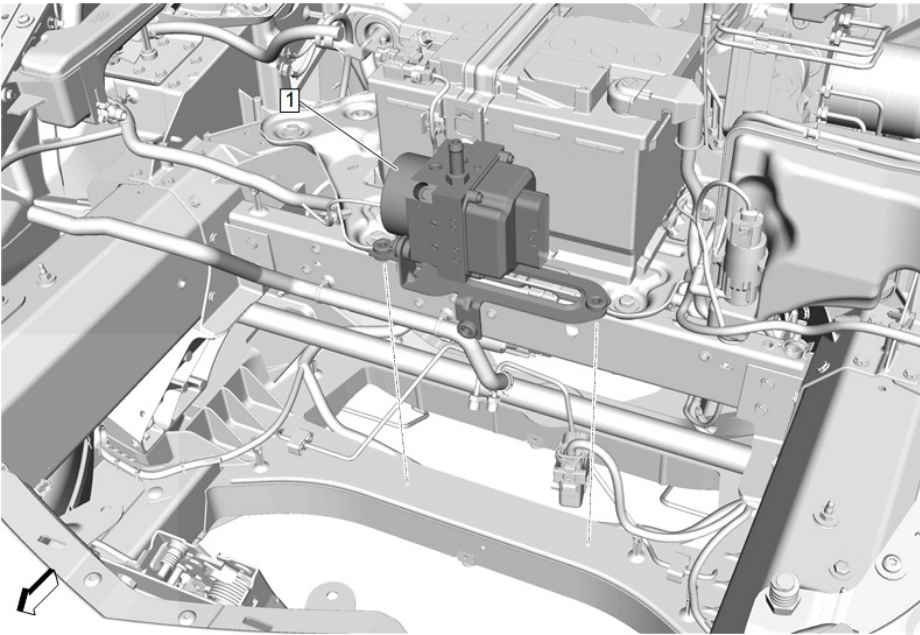


13.

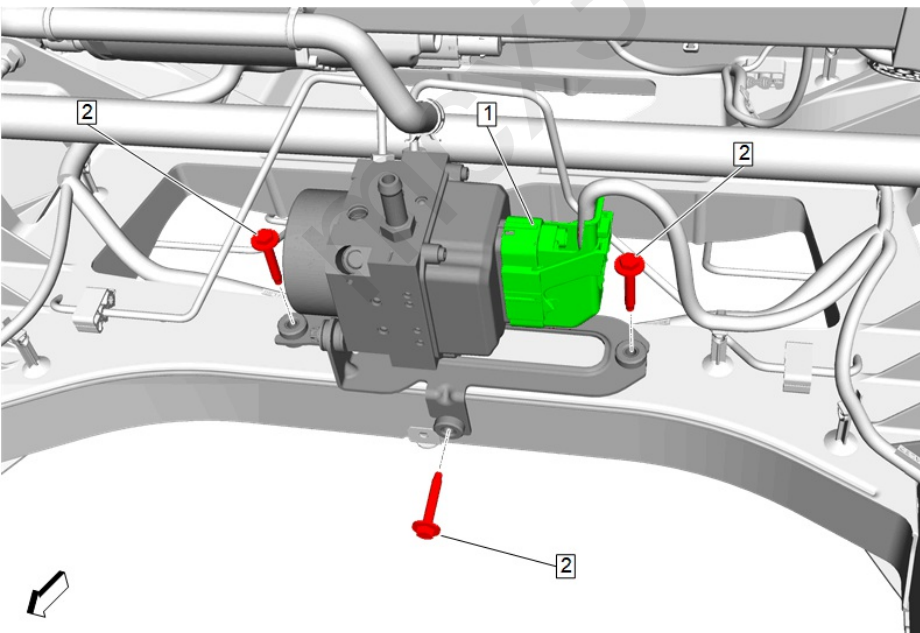
[Click here for full size](#)

14. Front Suspension Leveling/Lifting Hydraulic Power Pack Module (1) >> Remove

Installation Procedure

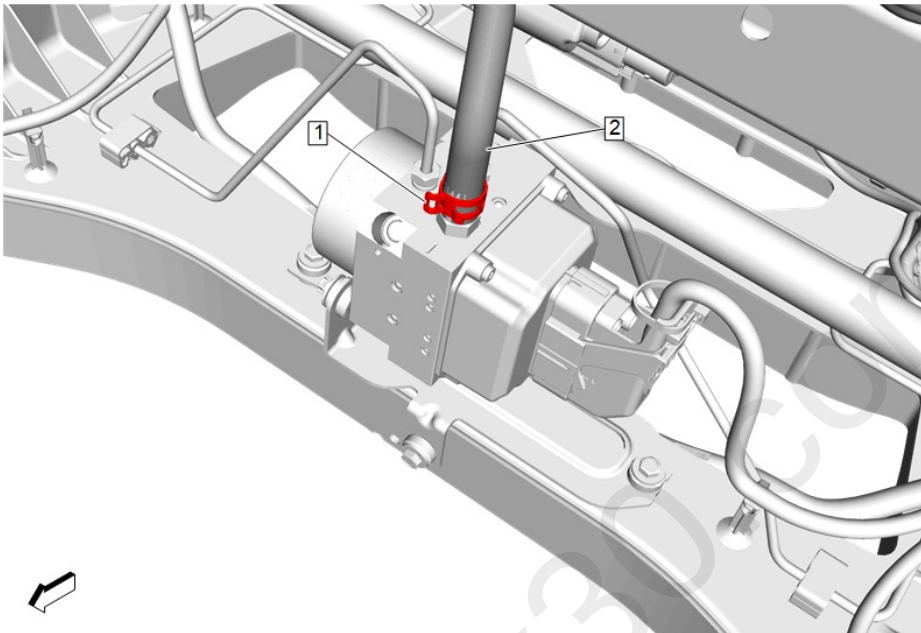


1. [Click here for full size](#)
2. Front Suspension Leveling/Lifting Hydraulic Power Pack Module (1) >> Install



3. [Click here for full size](#)
4. Caution:
Refer to Fastener Caution.
5. Front Suspension Leveling/Lifting Hydraulic Power Pack Module Bracket Bolt (2) >> Install and tighten [3x]9 N-m (80 lb in)

6. Connect the electrical connector. (1)
7. Remove the caps from the lines and ports.
8. Install the right and left side front hydraulic suspension actuator inlet pipes from the front suspension leveling/lifting hydraulic power pack module.
9.
 - Front Hydraulic Suspension Actuator Inlet Pipe Replacement - Left Side
 - Front Hydraulic Suspension Actuator Inlet Pipe Replacement - Right Side



10.
 - [Click here for full size](#)
11. Hydraulic Suspension Fluid Reservoir Hose (2) @ Front Suspension Leveling/Lifting Hydraulic Power Pack Module >> Install - Hydraulic Suspension Fluid Reservoir Hose Replacement
12. Clean any brake fluid spills with a clean shop cloth.
13. Front Compartment Insulator >> Install - Front Compartment Insulator Replacement
14. Remove the support and lower the vehicle.
15. Perform the necessary programming and setup procedure: Control Module References
16. Bleed the front hydraulic suspension. Front Hydraulic Suspension Bleeding
17. Fill the suspension hydraulic fluid reservoir to the MAX level mark with the suspension in the lowered position with clean brake fluid from a sealed container. Adhesives, Fluids, Lubricants, and Sealers



18.
[Click here for full size](#)

19. Front Compartment Front Panel (1) >> Install - Front Compartment Front Panel Replacement