

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. Suspension
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- 4.

Front Hydraulic Suspension Actuator Inlet Pipe Replacement - Left Side

Removal Procedure

Warning:

Refer to Brake Fluid Irritant Warning.

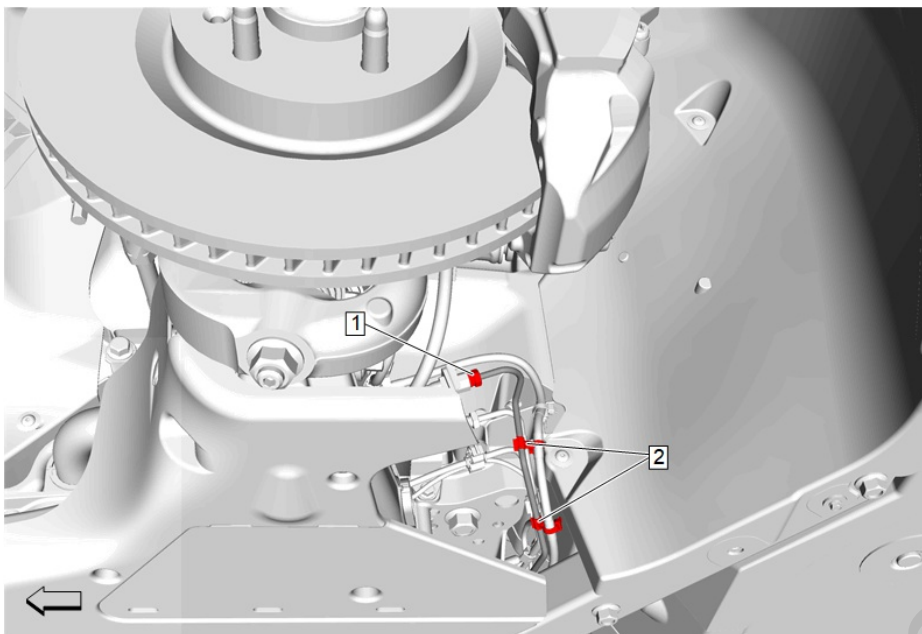
Caution:

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

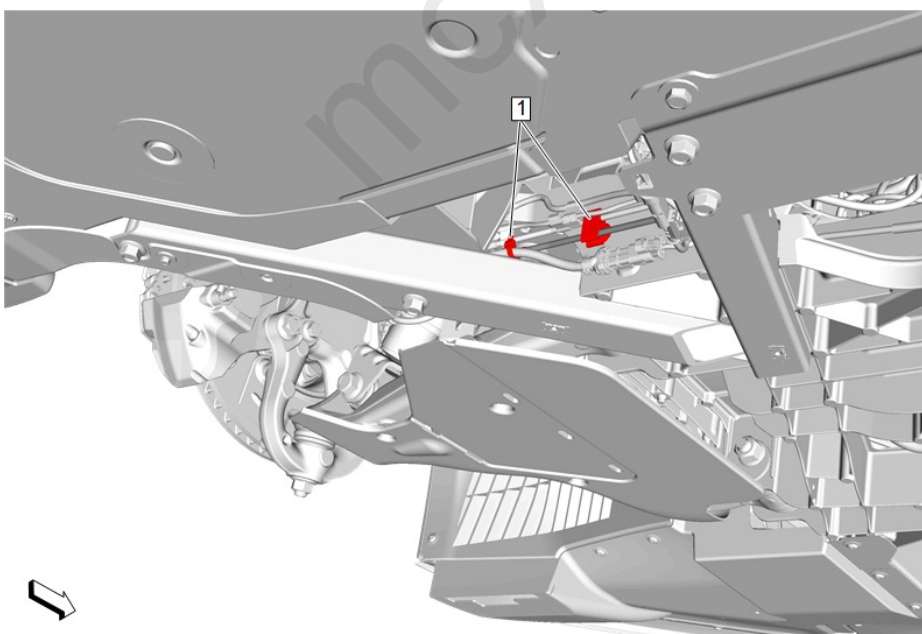
1. Raise and support the vehicle. Lifting and Jacking the Vehicle
2. Front Compartment Insulator >> Remove - Front Compartment Insulator Replacement



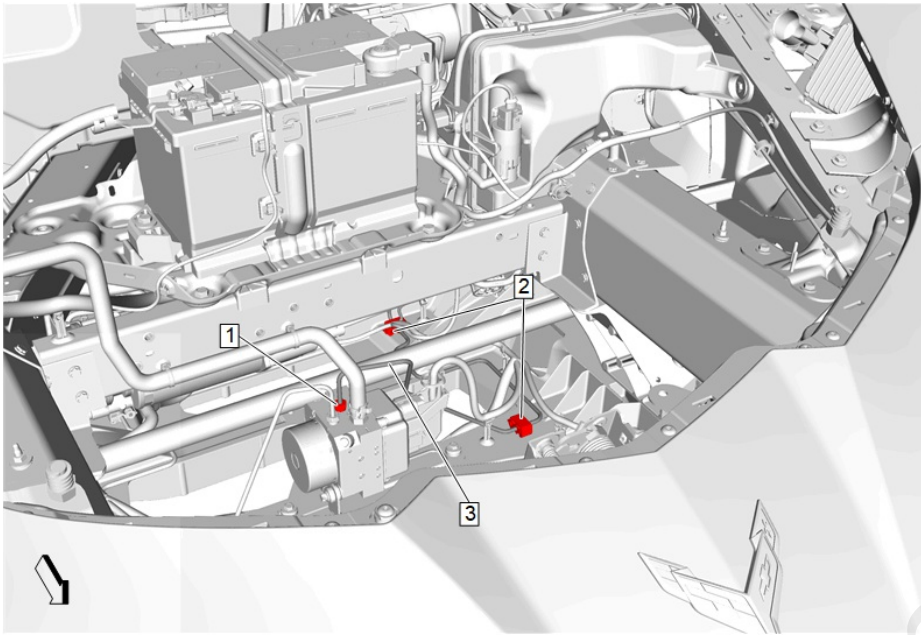
3.
Click here for full size
4. Front Compartment Front Panel (1) >> Remove - Front Compartment Front Panel Replacement
5. Remove the left front tire and wheel assembly. Tire and Wheel Removal and Installation



6. [Click here for full size](#)
7. Remove the front hydraulic suspension actuator inlet pipe fitting (1).
8. Cap the front hydraulic suspension actuator inlet pipe and hose to prevent fluid loss and contamination.
9. Retainer (2) >> Unclip [2x]

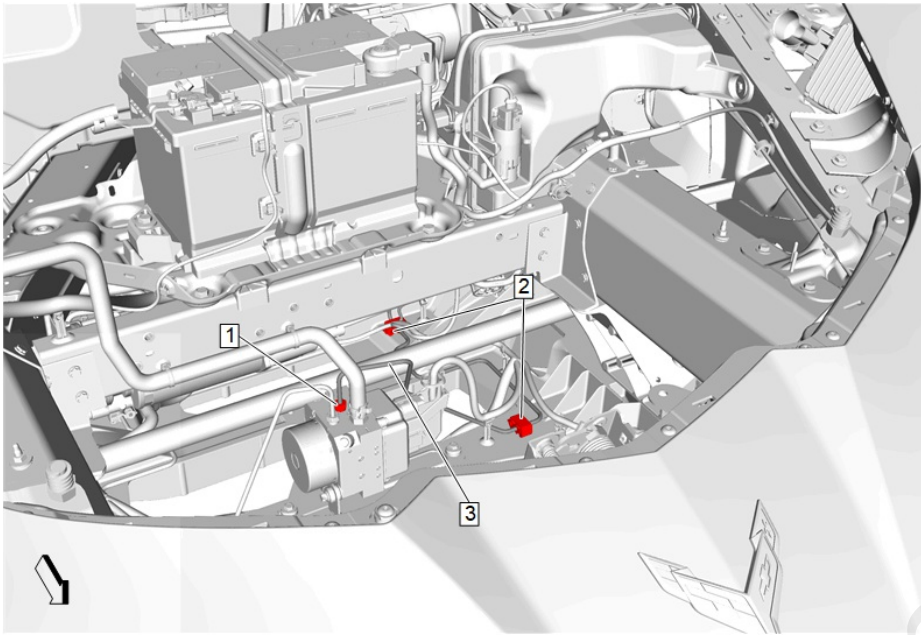


10. [Click here for full size](#)
11. Retainer (1) >> Unclip [2x]



12. [Click here for full size](#)
13. Note:
Some components not shown for graphic clarity.
14. Retainer (2) >> Unclip [2x]
15. Remove the front hydraulic suspension actuator inlet pipe fitting (1).
16. Cap the front hydraulic suspension actuator inlet pipe (3) and front suspension leveling/lifting hydraulic power pack module port to prevent fluid loss and contamination.
17. Manipulate the left front hydraulic suspension actuator inlet pipe (3) through the drivetrain and front suspension cradle and remove from the vehicle.

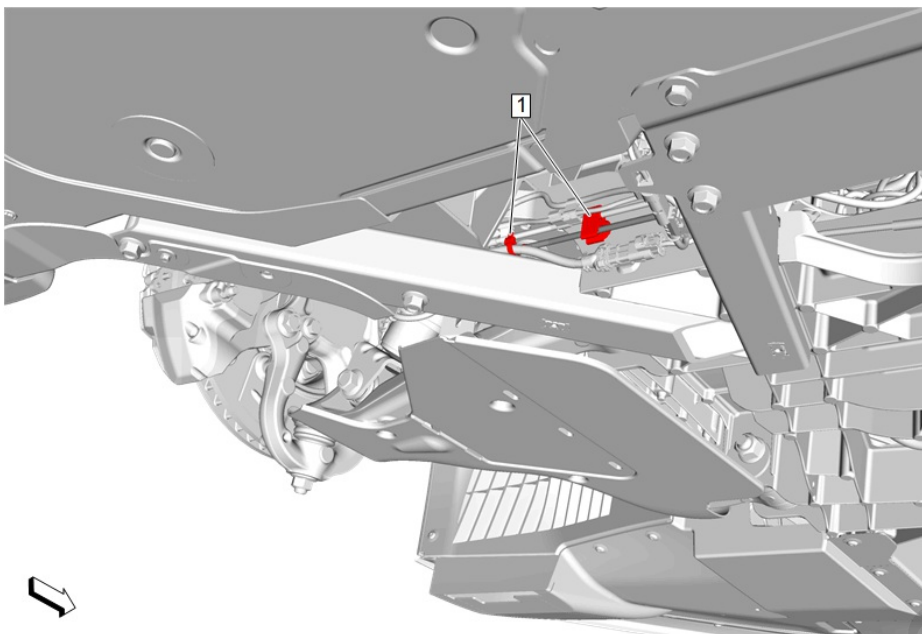
Installation Procedure



1. [Click here for full size](#)
2. Note:

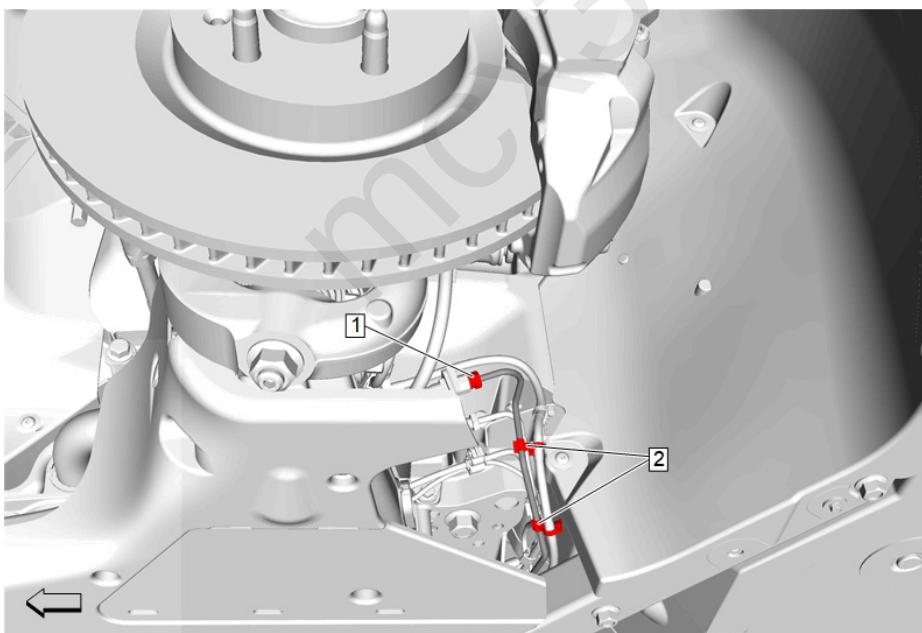
Some components not shown for graphic clarity.
3. Install the left front hydraulic suspension actuator inlet pipe (3) to the vehicle and manipulate into position.
4. Remove the cap from the front hydraulic suspension actuator inlet pipe (3) and front suspension leveling/lifting hydraulic power pack module port.
5. Caution:

Refer to Fastener Caution.
6. Install and tighten the front hydraulic suspension actuator inlet pipe fitting (1) to 21 N-m (15 lb ft).
7. Retainer (2) >> Install [2x]



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

9. Retainer (1) >> Install [2x]



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

11. Retainer (2) >> Install [2x]

12. Remove the caps from the front hydraulic suspension actuator inlet pipe and hose.

13. Install and tighten the front hydraulic suspension actuator inlet pipe fitting (1) to 21 N-m (15 lb ft).

14. Clean any brake fluid spills with a clean shop cloth.
15. Install the left front tire and wheel assembly. Tire and Wheel Removal and Installation
16. Front Compartment Insulator >> Install - Front Compartment Insulator Replacement
17. Bleed the front hydraulic suspension. Front Hydraulic Suspension Bleeding
18. Remove the support and lower the vehicle.
19. 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



20.
[Click here for full size](#)
21. Front Compartment Front Panel (1) >> Install - Front Compartment Front Panel Replacement