

2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Brakes**
2. **Disc Brakes**
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Front Brake Caliper Replacement (J55)

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:

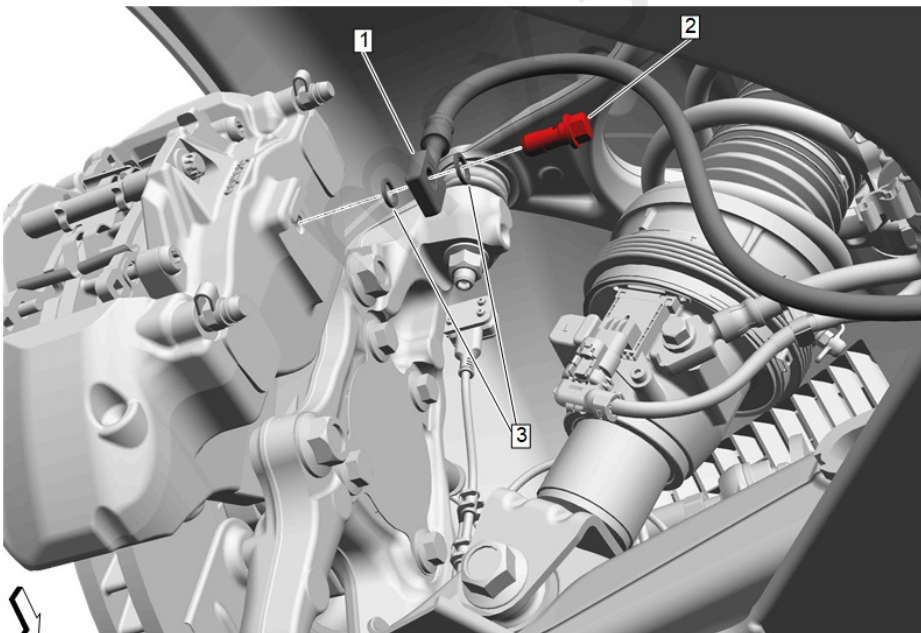
Brake Dust Warning

Warning:

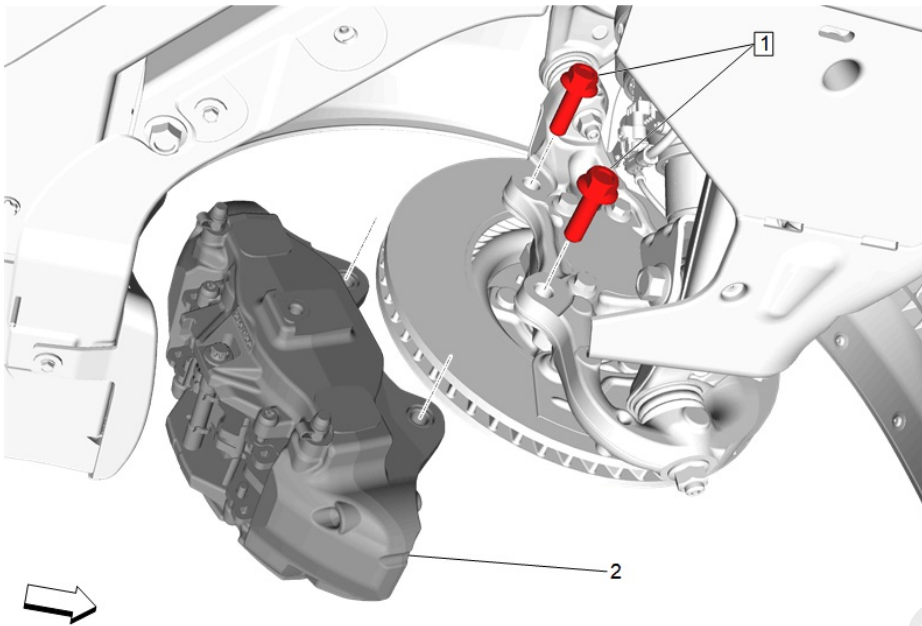
Brake Fluid Irritant Warning

Removal Procedure

1. Disconnect the battery negative cable. Battery Negative Cable Disconnection and Connection
2. Raise and support the vehicle. Lifting and Jacking the Vehicle
3. Remove the front tire and wheel assembly. Tire and Wheel Removal and Installation



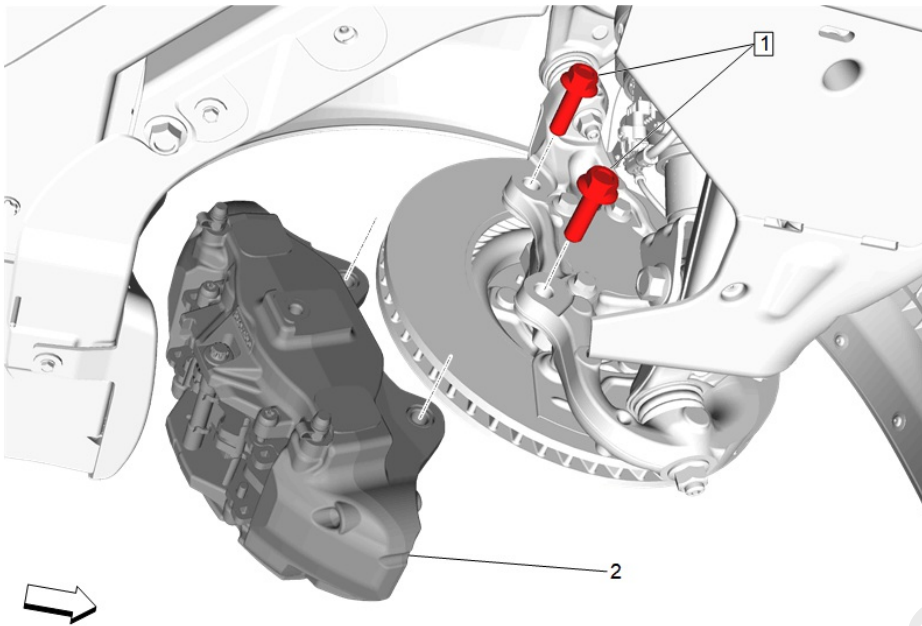
4. [Click here for full size](#)
5. Front Brake Hose Fitting (2) >> Remove
6. Front Brake Hose Fitting Gasket (3) @ Front Brake Hose Fitting (2) >> Remove and DISCARD [2x]
7. Cap the brake hose fitting to prevent brake fluid loss and contamination.



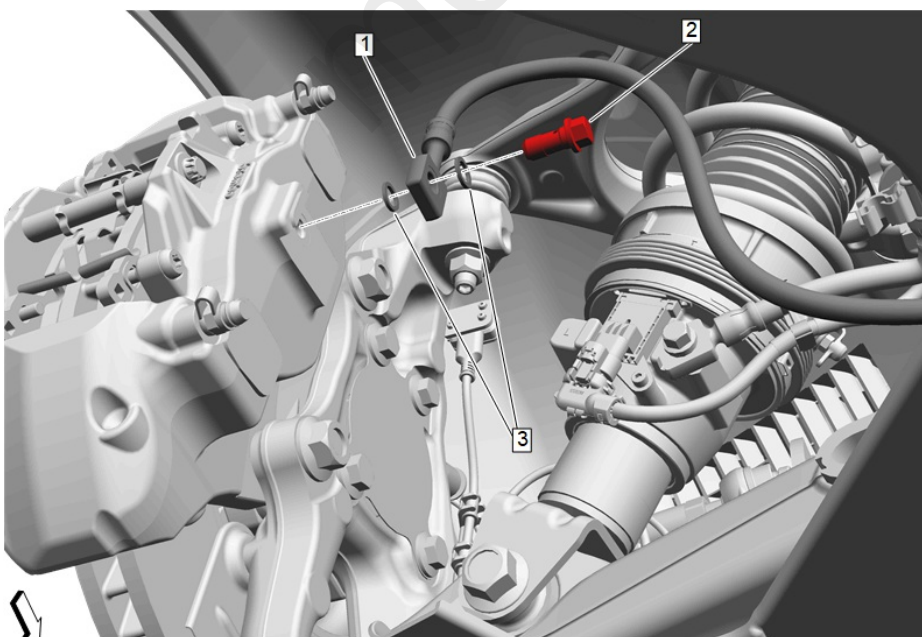
8. [Click here for full size](#)
9. Front Brake Caliper Bolt (1) >> Remove [2x]
10. Front Brake Caliper (2) >> Remove
11. Transfer components as necessary.

Installation Procedure

1. If NEW threaded components are being installed, loosen the adhesive using a metal pick or similar tool before proceeding. If threaded components are reused, prepare the threaded components using the following steps:
 1. Remove any loose cured adhesive from the external threads of the components using a lint free cloth.
 2. Thread the cleaned components into the internal mating threads and remove to loosen trapped cured adhesive.
 3. Apply thread locking adhesive to the external threads of the components.
 4. Ensure there are no gaps in the thread locking adhesive once applied to the component.
- 2.



3. [Click here for full size](#)
4. Front Brake Caliper (2) >> Install
5. Caution:
Fastener Caution
6. Front Brake Caliper Bolt (1) >> Install and tighten [2x]210 N-m (155 lb ft)



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

8. Front Brake Hose Fitting Gasket (3) @ Front Brake Hose Fitting (2) >> Install NEW [2x]
9. Front Brake Hose Fitting (2) >> Install - Front Brake Hose Replacement
10. Connect the battery negative cable. Battery Negative Cable Disconnection and Connection
11. Bleed the brake system Hydraulic Brake System Bleeding
12. Install the front tire and wheel assembly. Tire and Wheel Removal and Installation
13. Remove the support and lower the vehicle.

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