

# 2022 CHEVROLET CORVETTE SERVICE MANUAL

- **SEARCH**

1. **Suspension**
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## **Rear Shock Absorber and Spring Removal and Installation (FE4 Convertible)**

### **Removal Procedure**

1. Rear Window Panel >> Remove - Rear Window Panel Replacement
2. Raise and support the vehicle. Lifting and Jacking the Vehicle
3. Remove the rear tire and wheel assembly. Tire and Wheel Removal and Installation
4. Rear Wheel Drive Shaft >> Remove

5.

- Rear Wheel Drive Shaft Replacement - Right Side
- Rear Wheel Drive Shaft Replacement - Left Side

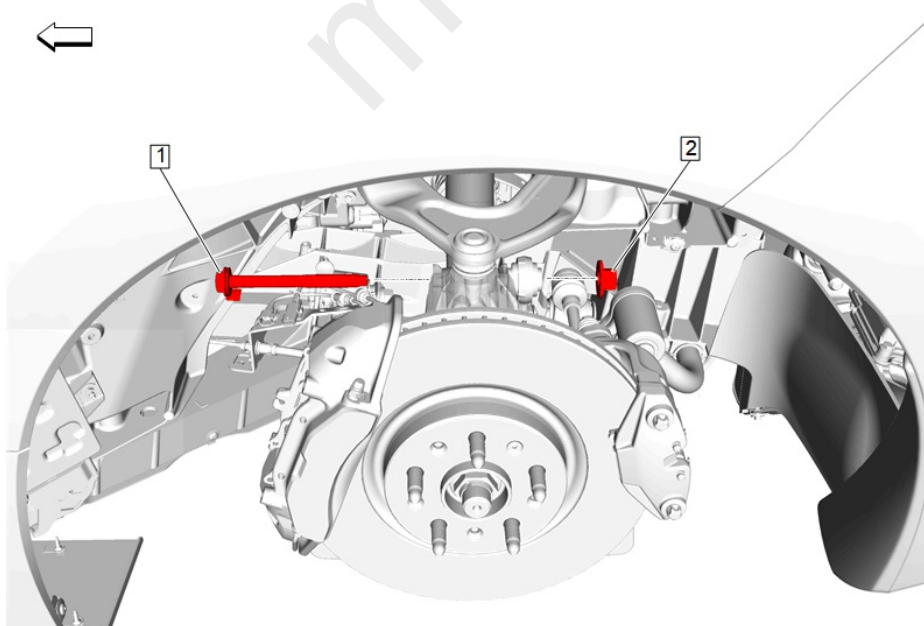
6. Caution:

When working around ball joints, visually inspect the ball joint boots before and after service work is performed to ensure no damage has occurred. If damage to the boot is observed, the ball joint must be replaced.

7. Note:

Support the rear suspension knuckle assembly to prevent over-articulation of the ball joints.

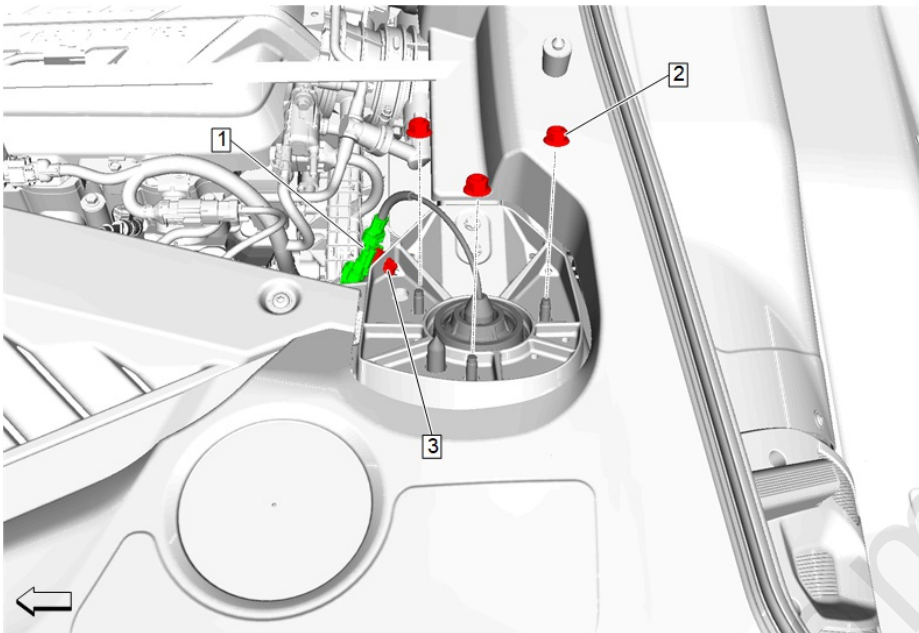
8. Support the rear suspension knuckle with a suitable jack stand or equivalent.



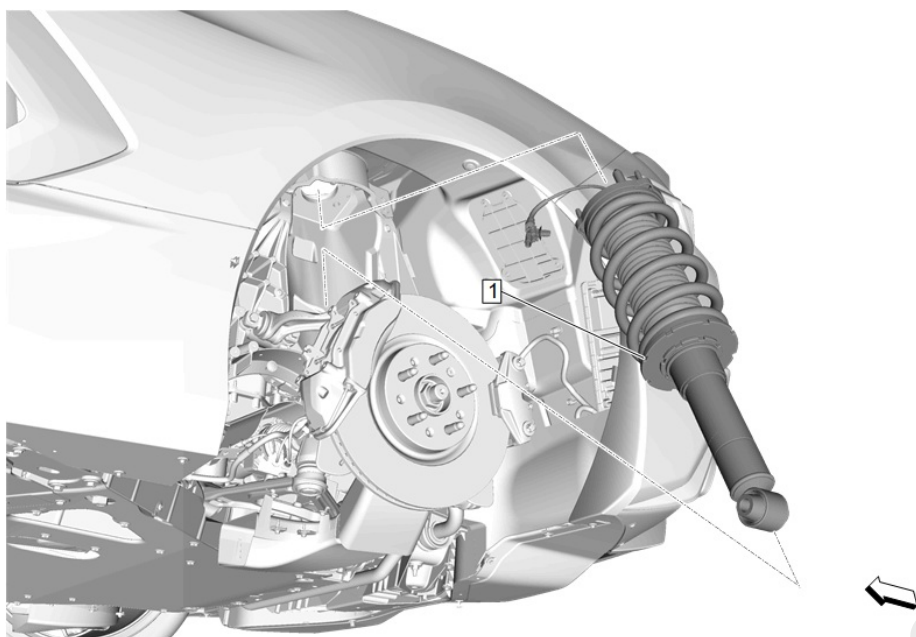
9.

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10. Rear Shock Absorber Lower Bracket Nut (2) >> Remove
11. Rear Shock Absorber Lower Bracket Bolt (1) >> Remove



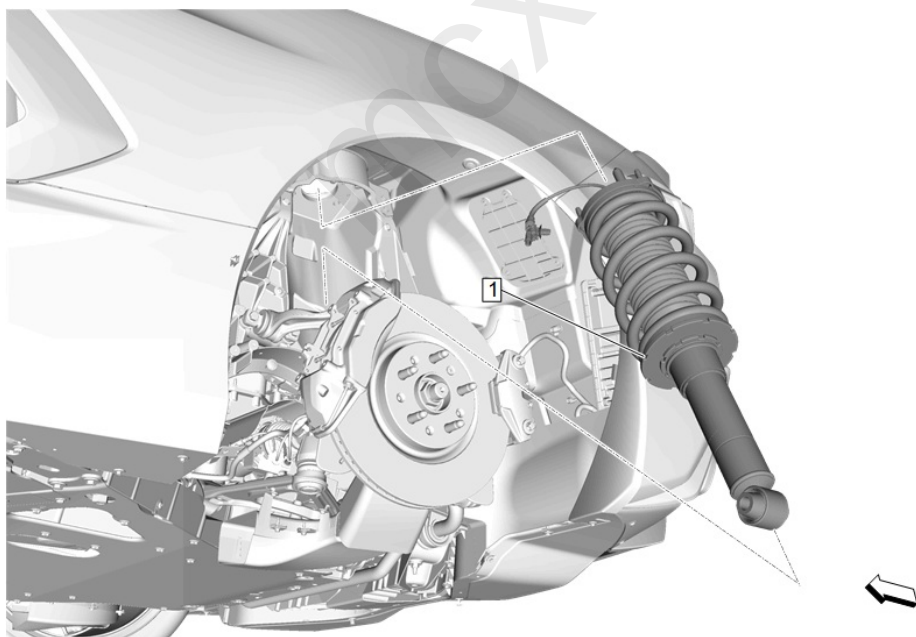
12. [Click here for full size](#)
13. Inline Male Connector (1) @ Rear Shock Absorber >> Disconnect
14. Chassis Rear Wiring Harness Clip (3) >> Remove
15. Rear Suspension Shock Absorber Upper Mounting Nut (2) >> Remove [3x]



16.  
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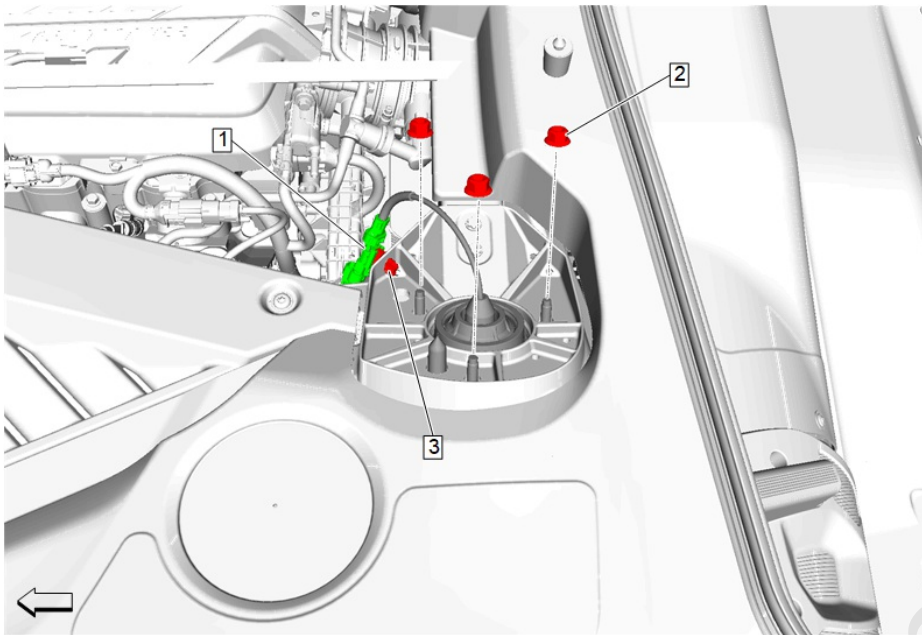
17. Manipulate the rear shock absorber (1) through the suspension and remove the assembly from the vehicle.

### Installation Procedure

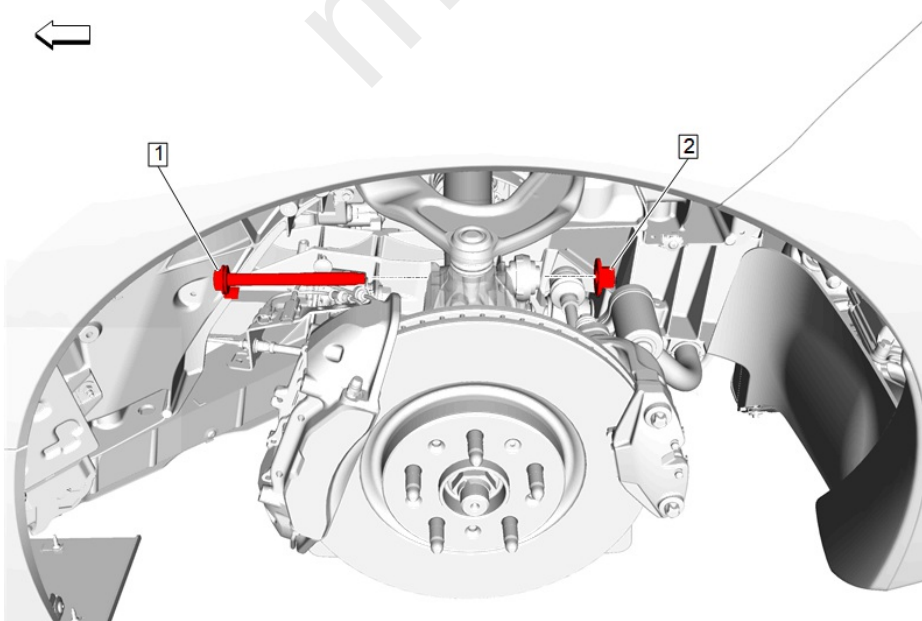


1.  
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2. Manipulate the rear shock absorber (1) through the suspension and install the assembly to the vehicle.



3. [Click here for full size](#)
4. **Caution:**  
Refer to Fastener Caution.
5. Rear Suspension Shock Absorber Upper Mounting Nut (2) >> Install and tighten [3x]23 N-m (17 lb ft)
6. Chassis Rear Wiring Harness Clip (3) >> Install
7. Inline Male Connector (1) @ Rear Shock Absorber >> Connect



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9. Note:

Ensure that the rear stabilizer shaft link is in position during installation of the rear shock absorber lower bracket bolt (1).

10. Rear Shock Absorber Lower Bracket Bolt (1) >> Install
11. Rear Shock Absorber Lower Bracket Nut (2) >> Install and tighten 160 N-m (118 lb ft)
12. Remove the support from the rear suspension knuckle.
13. Rear Wheel Drive Shaft >> Install
14.
  - Rear Wheel Drive Shaft Replacement - Right Side
  - Rear Wheel Drive Shaft Replacement - Left Side
15. Install the rear tire and wheel assembly. Tire and Wheel Removal and Installation
16. Remove the support and lower the vehicle.
17. Rear Window Panel >> Install - Rear Window Panel Replacement

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