

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

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2. Rear Suspension
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Rear Shock Absorber and Spring Removal and Installation (FE4 Coupe)

Removal Procedure

1. Raise and support the vehicle. Lifting and Jacking the Vehicle
2. Remove the rear tire and wheel assembly. Tire and Wheel Removal and Installation
3. Rear Wheelhouse Liner >> Remove
4.
 - Rear Wheelhouse Liner Replacement - Right Side
 - Rear Wheelhouse Liner Replacement - Left Side

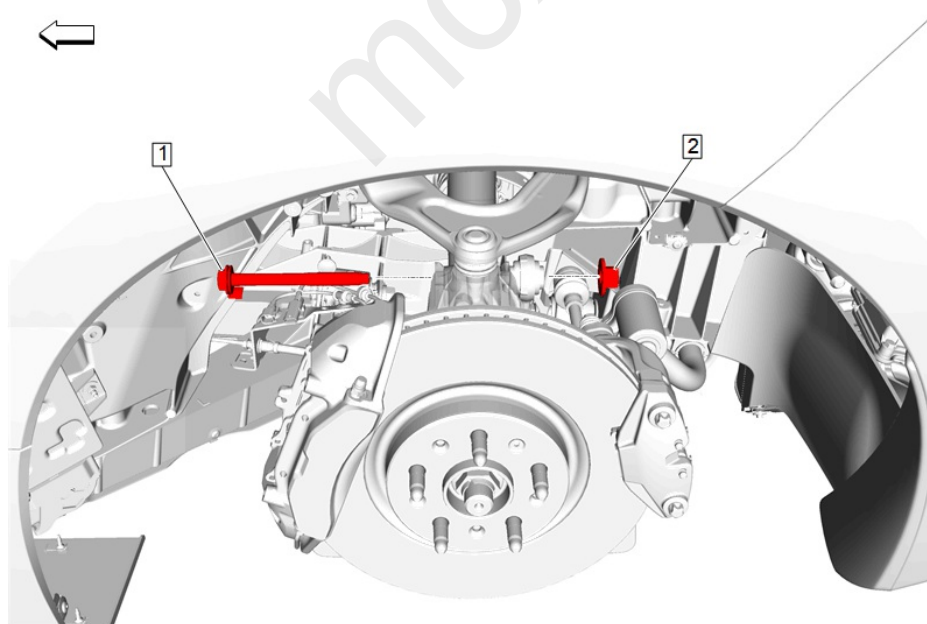
5. Caution:

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.

6. Note:

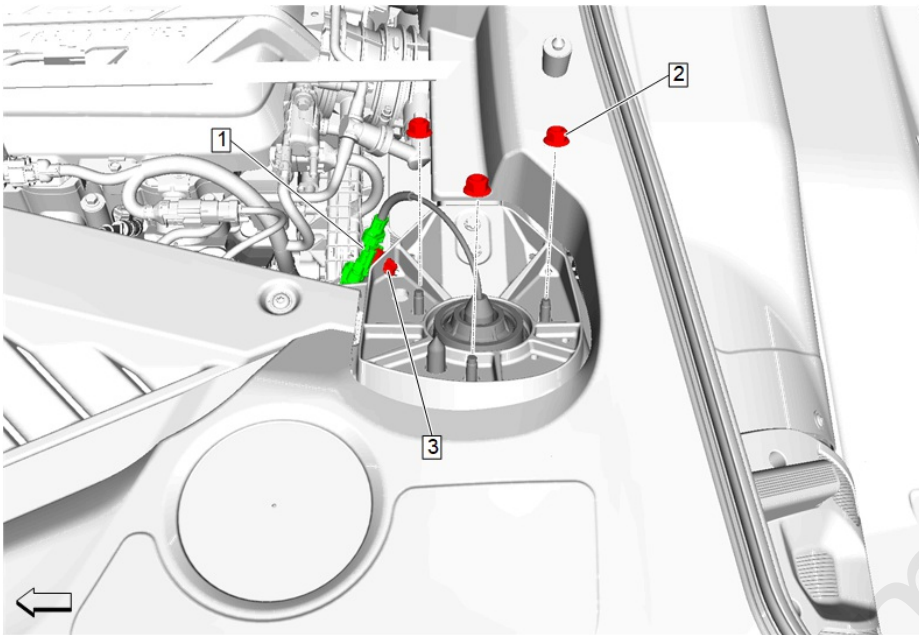
Support the rear suspension knuckle assembly to prevent over-articulation of the ball joints.

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



8.
Click here for full size
9. Rear Shock Absorber Lower Bracket Nut (2) >> Remove

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

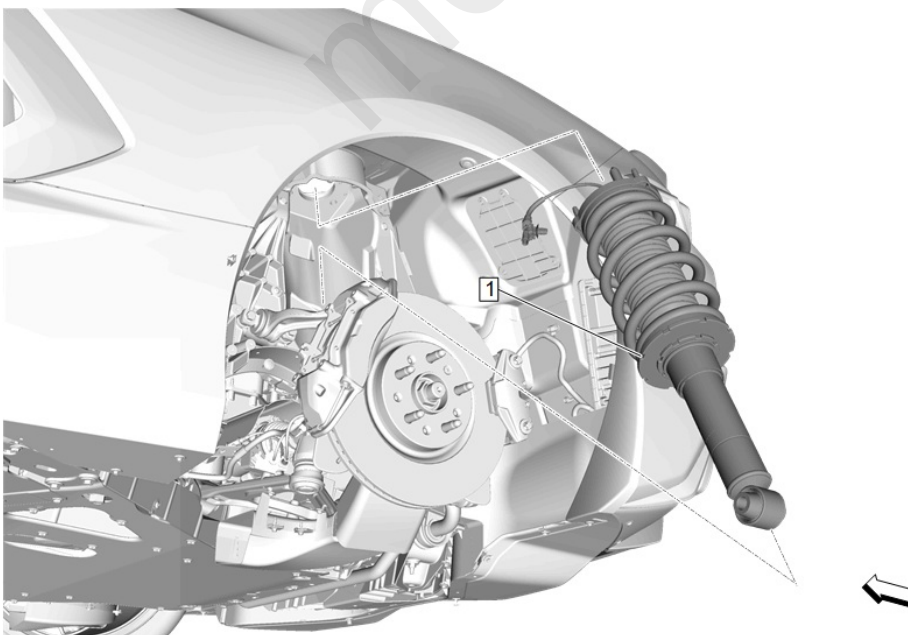


11.
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12. Inline Male Connector (1) @ Rear Shock Absorber >> Disconnect

13. Chassis Rear Wiring Harness Clip (3) >> Remove

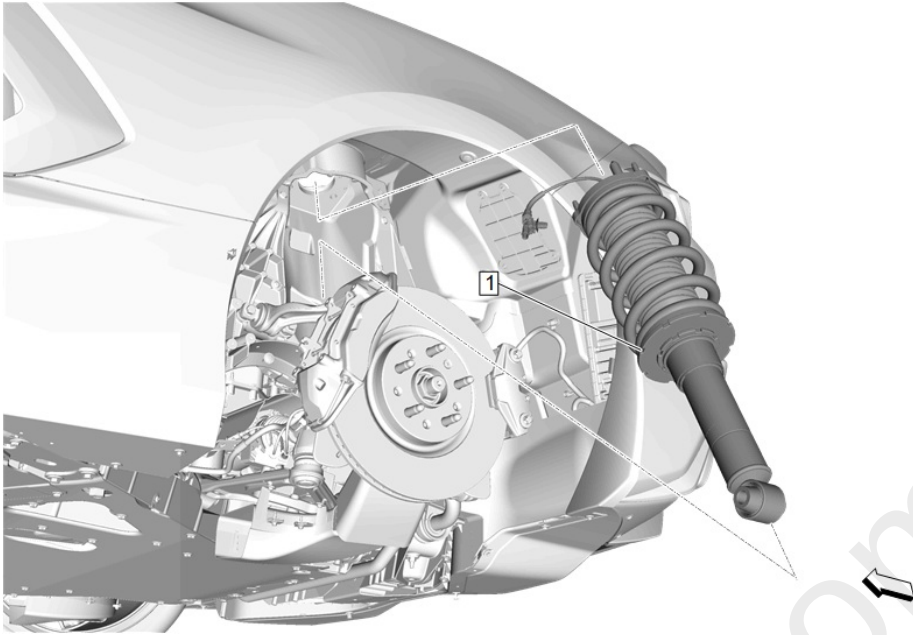
14. Rear Suspension Shock Absorber Upper Mounting Nut (2) >> Remove [3x]



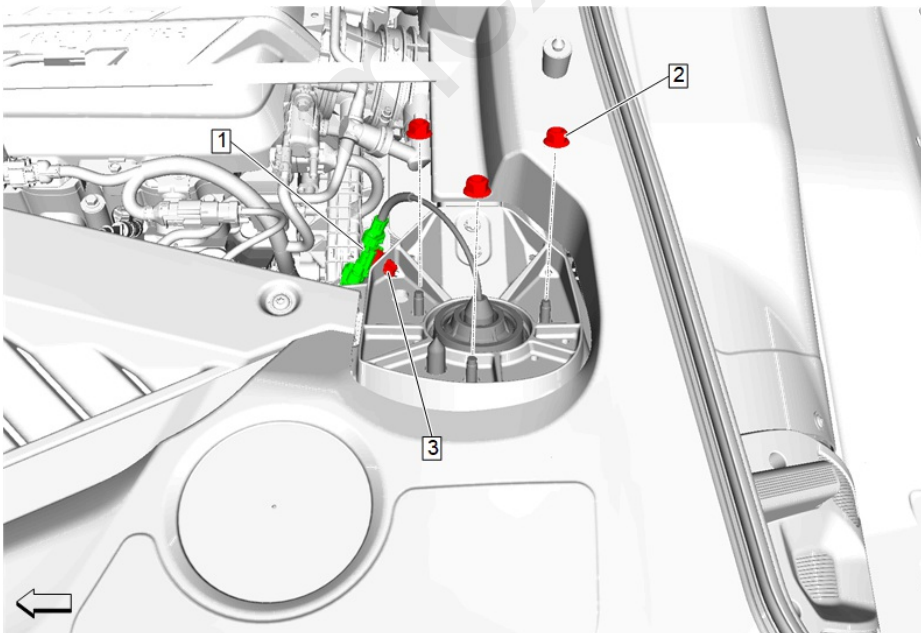
15.
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16. Manipulate the rear shock absorber (1) through the suspension and remove the assembly from the vehicle.

Installation Procedure



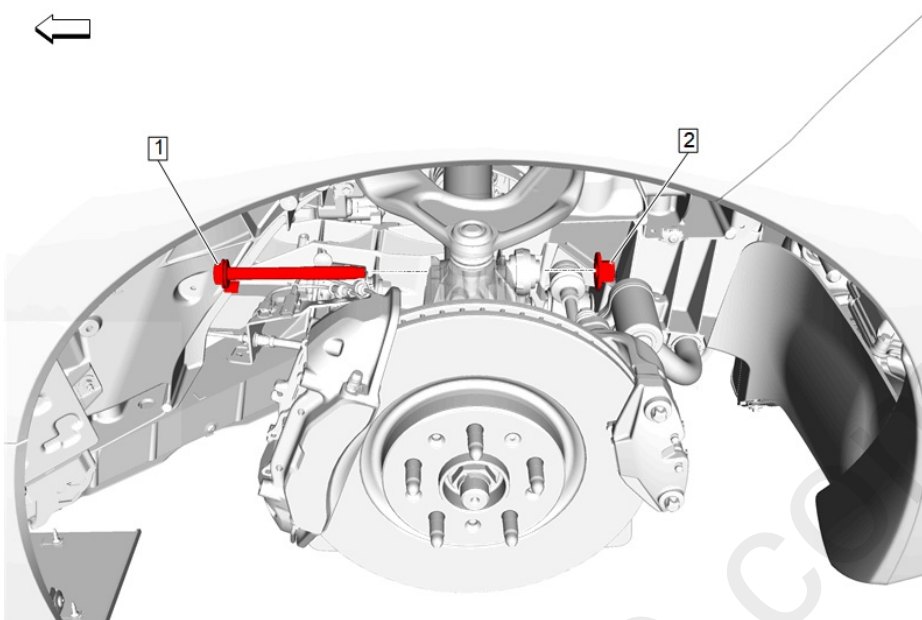
1. [Click here for full size](#)
2. Manipulate the rear shock absorber (1) through the suspension and install the assembly to the vehicle.



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



- 8.
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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 Wheelhouse Liner >> Install
14.
 - Rear Wheelhouse Liner Replacement - Right Side
 - Rear Wheelhouse Liner 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.