

2022 CHEVROLET CORVETTE SERVICE MANUAL

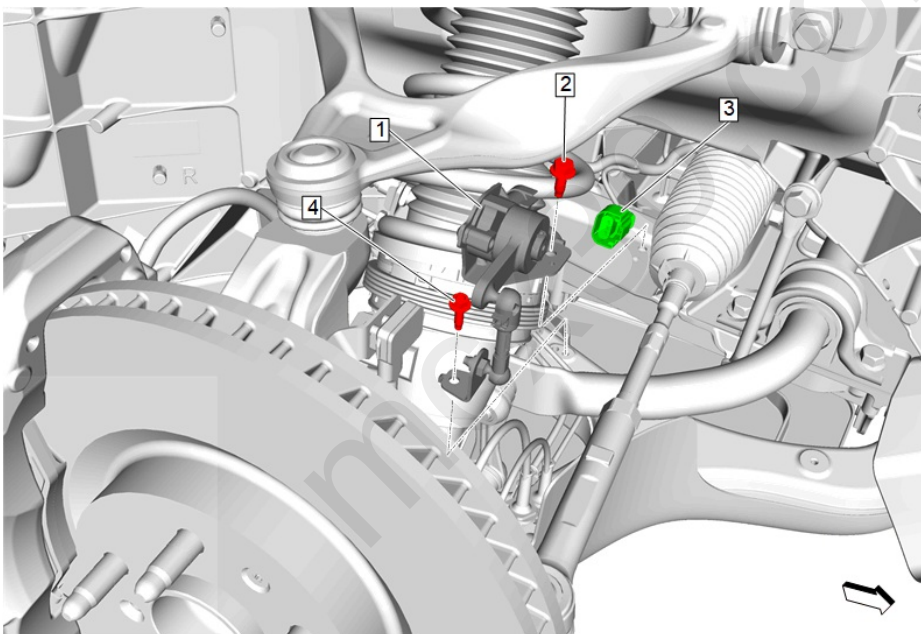
- SEARCH

1. Suspension
2. Front Suspension
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- 4.

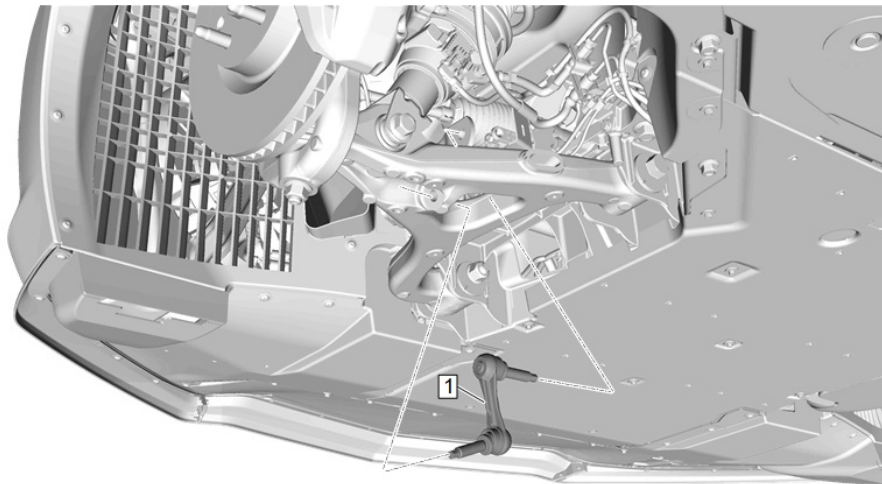
Front Stabilizer Shaft Replacement (with E60)

Removal Procedure

1. Raise and support the vehicle. Lifting and Jacking the Vehicle
2. Remove the front tire and wheel assemblies. Tire and Wheel Removal and Installation
3. Front Suspension Leveling/Lifting Hydraulic Power Pack Module >>> Remove - Front Suspension Leveling/Lifting Hydraulic Power Pack Module Replacement
4. Without disconnecting suspension components, lower the drivetrain and front suspension cradle. Drivetrain and Front Suspension Cradle Removal and Installation

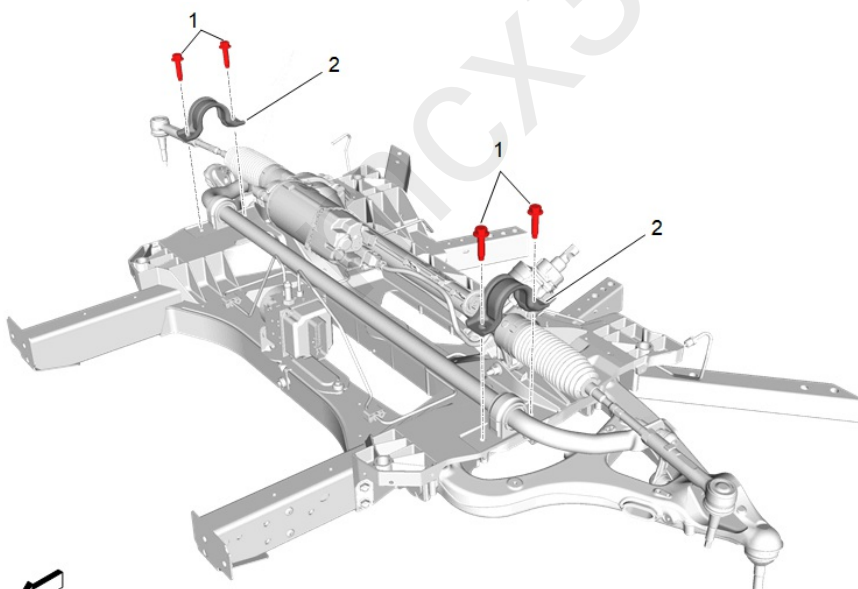


5.
Click here for full size
6. Front Suspension 4 Corner Leveling System Position Sensor >>> Remove - Front Suspension 4 Corner Leveling System Position Sensor Replacement
7. Front Stabilizer Shaft Link - Right Side @ Front Stabilizer Shaft >>> Remove - Front Stabilizer Shaft Link Replacement - Right Side
8. Front Suspension Automatic Forward Lighting Position Sensor >>> Remove - Front Suspension Automatic Forward Lighting Position Sensor Replacement



9.
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10. Front Stabilizer Shaft Link - Left Side @ Front Stabilizer Shaft >> Remove - Front Stabilizer Shaft Link Replacement - Left Side

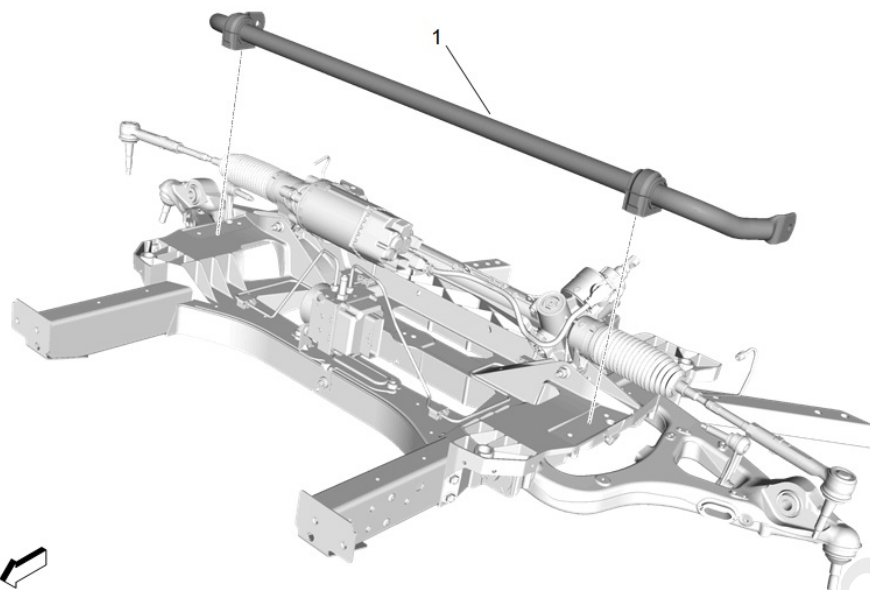


11.
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 12. Note:

The drivetrain and front suspension cradle is shown removed for graphic clarity, removal is not required.

13. Front Stabilizer Shaft Insulator Clamp Bolt (1) >> Remove [4x]

14. Front Stabilizer Shaft Clamp >> Remove [2x]



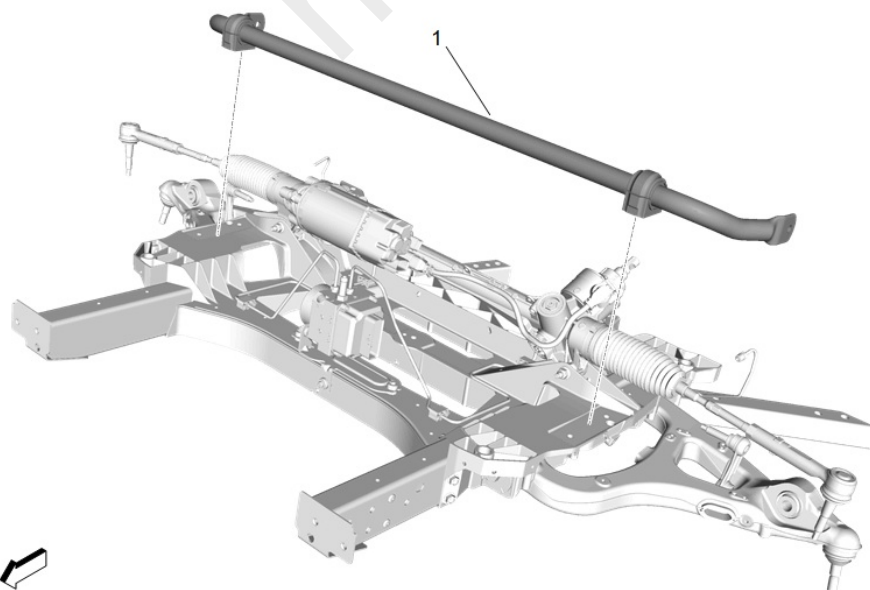
15. [Click here for full size](#)

16. Note:

The front stabilizer shaft insulators are not serviced separately from the front stabilizer shaft.

17. Front Stabilizer Shaft (1) >> Remove

Installation Procedure

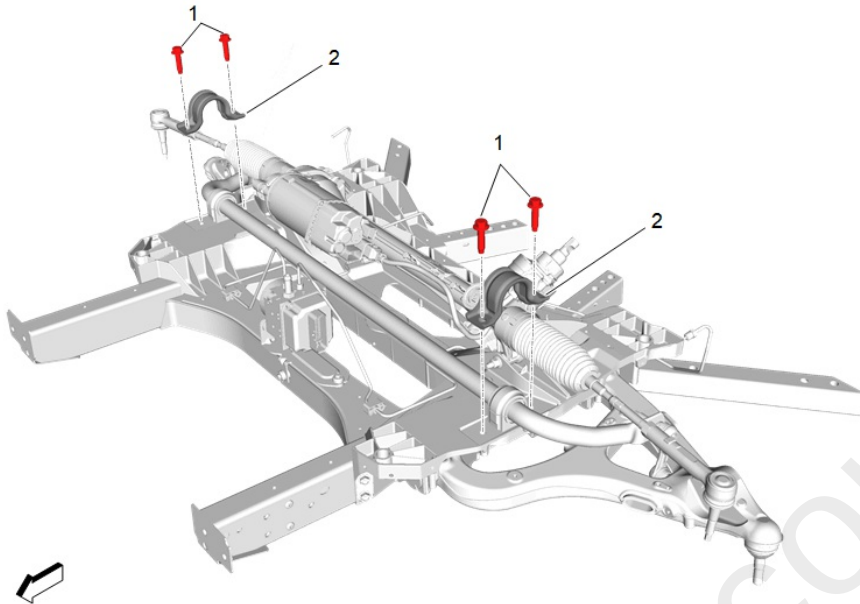


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2. Note:

The front stabilizer shaft insulators are not serviced separately from the front stabilizer shaft.

3. Front Stabilizer Shaft (1) >> Install



4.

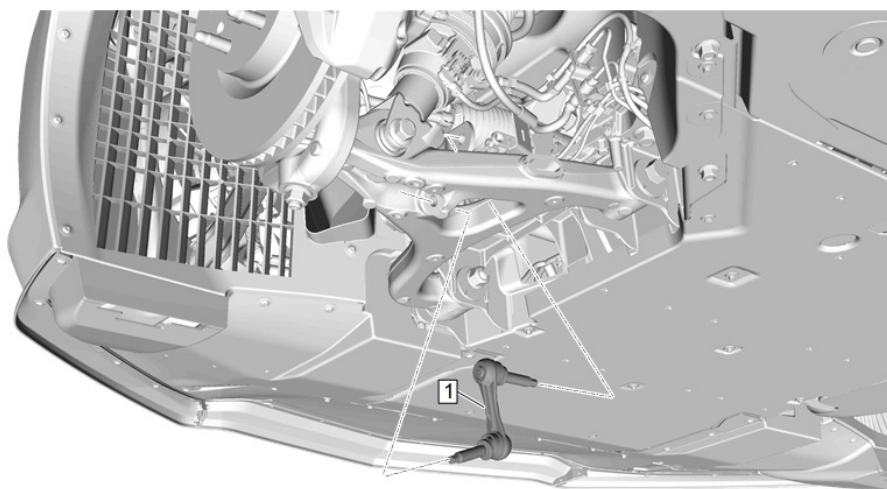
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5. Front Stabilizer Shaft Clamp >> Install [2x]

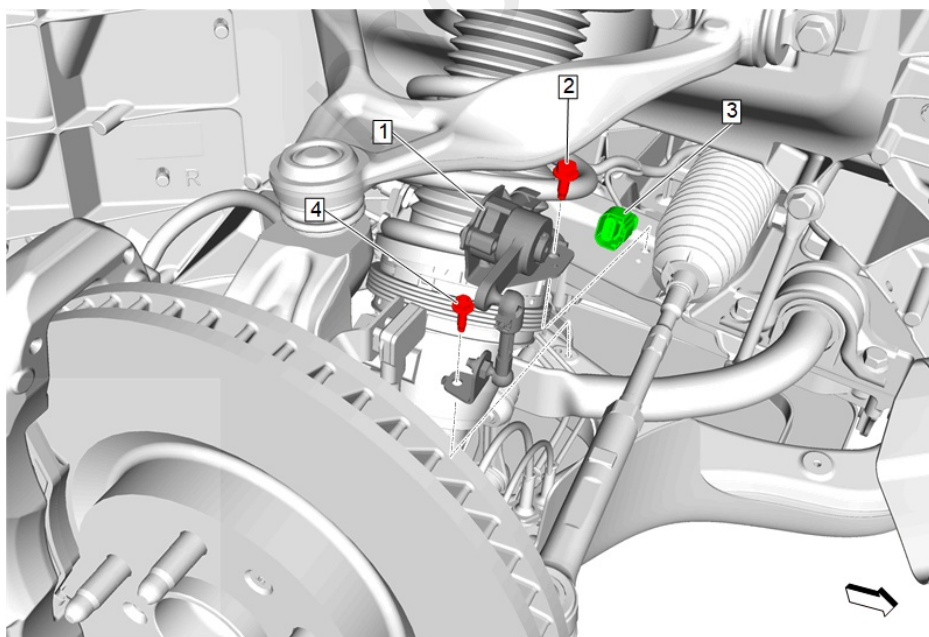
6. Note:

The final torque will be applied with the vehicle at ride height.

7. Front Stabilizer Shaft Insulator Clamp Bolt (1) >> Install and hand tighten [4x]

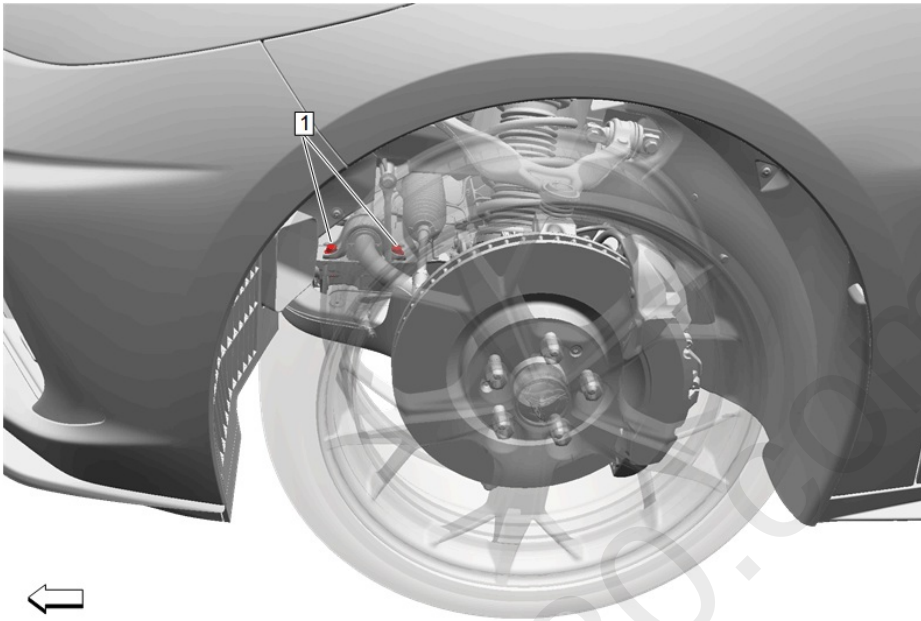


8.
[Click here for full size](#)
9. Front Stabilizer Shaft Link - Left Side @ Front Stabilizer Shaft >> Install - Front Stabilizer Shaft Link Replacement - Left Side
10. Front Suspension Automatic Forward Lighting Position Sensor >> Install - Front Suspension Automatic Forward Lighting Position Sensor Replacement
11. Front Stabilizer Shaft Link - Right Side @ Front Stabilizer Shaft >> Install - Front Stabilizer Shaft Link Replacement - Right Side

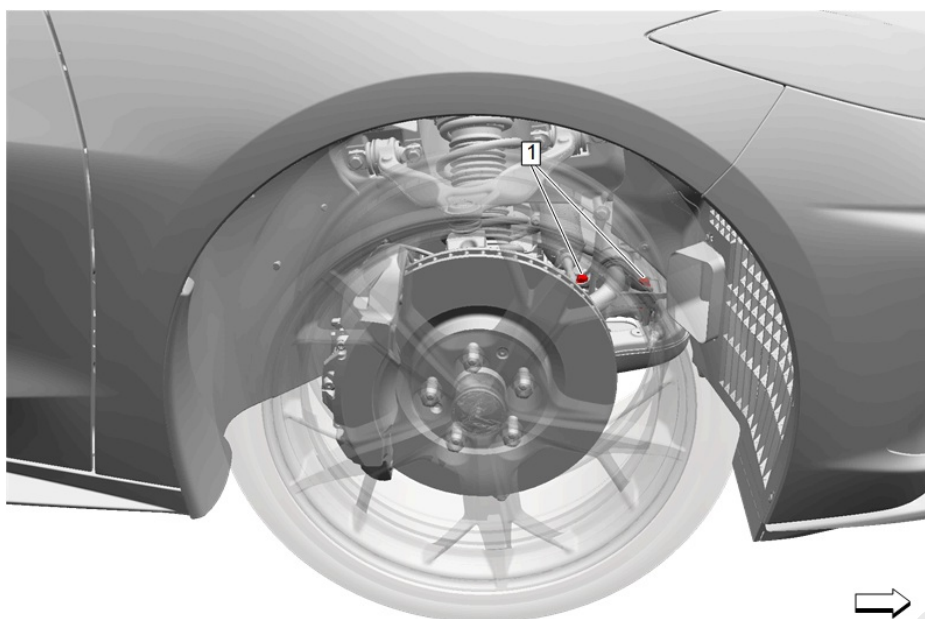


12.
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13. Front Suspension 4 Corner Leveling System Position Sensor >> Install - Front Suspension 4 Corner Leveling System Position Sensor

13. Front Suspension + Corner Leveling System (Corner Sensor) >> Install - Front Suspension + Corner Leveling System (Corner Sensor) Replacement
14. Drivetrain and Front Suspension Cradle >> Install - Drivetrain and Front Suspension Cradle Removal and Installation
15. Front Suspension Leveling/Lifting Hydraulic Power Pack Module >> Install - Front Suspension Leveling/Lifting Hydraulic Power Pack Module Replacement
16. Install the front tire and wheel assemblies. Tire and Wheel Removal and Installation
17. Remove the support and lower the vehicle.



18. [Click here for full size](#)
19. **Caution:**
Refer to Fastener Caution.
20. With the vehicle at ride height, tighten the 2 left front stabilizer shaft insulator clamp bolts (1) to 58 N-m (43 lb ft).



21. [Click here for full size](#)
22. With the vehicle at ride height, tighten the 2 right front stabilizer shaft insulator clamp bolts (1) to 58 N-m (43 lb ft).