

2022 CHEVROLET CORVETTE SERVICE MANUAL

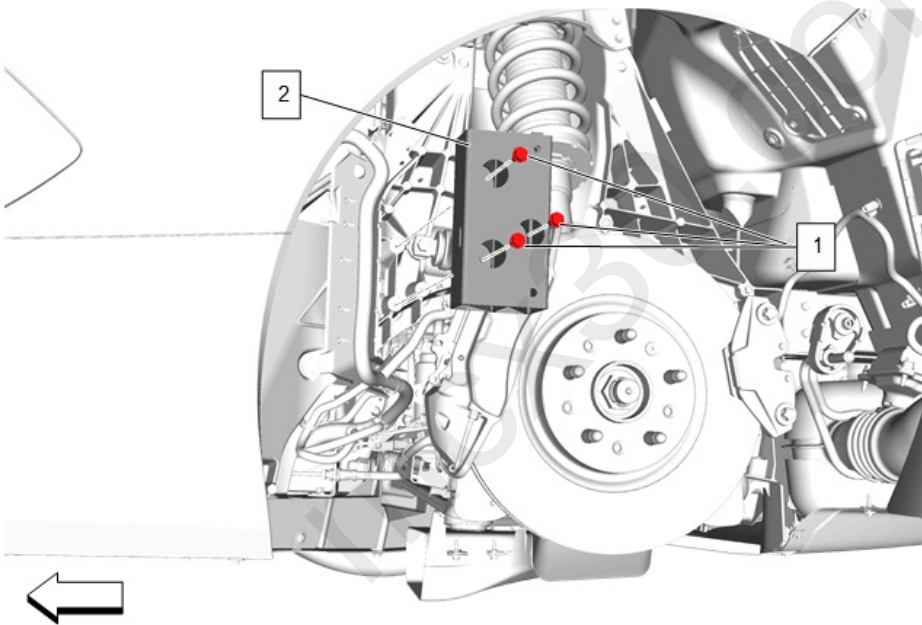
- **SEARCH**

1. **Suspension**
2. **Rear Suspension**
3. **Repair Instructions**
- 4.

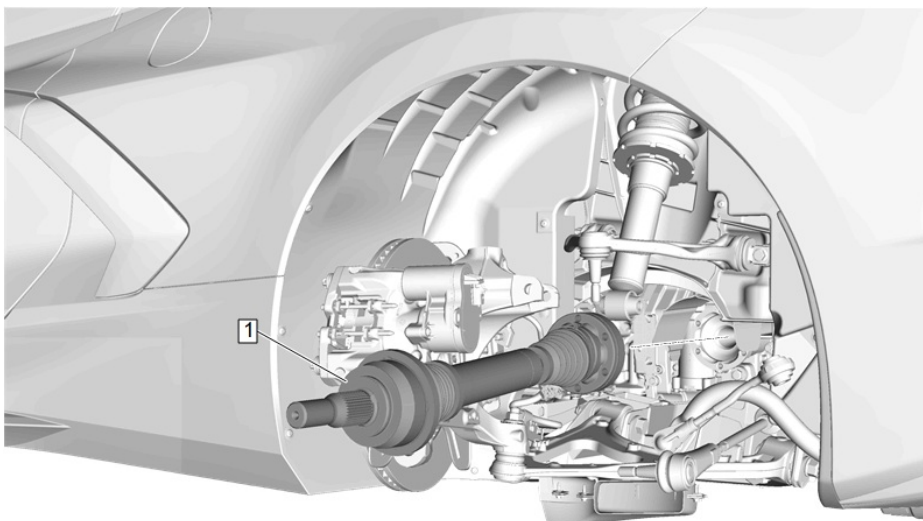
Rear Suspension Upper Control Arm Replacement

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.
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6. Rear Wheel Protective Bumper (2) >> Remove - Rear Wheel Protective Bumper Replacement



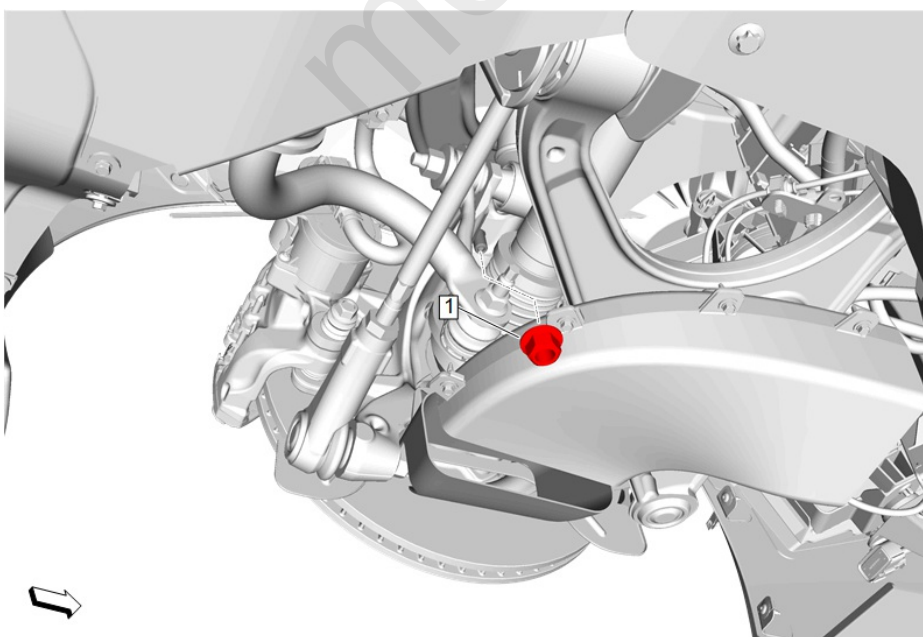
7.

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8. Rear Wheel Drive Shaft >> Remove

9.

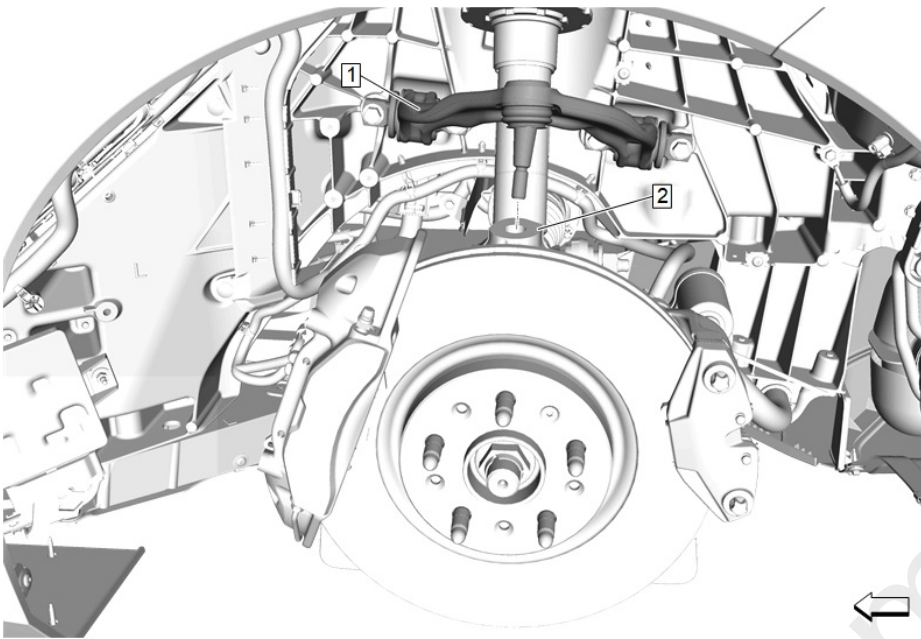
- Rear Wheel Drive Shaft Replacement - Left Side
- Rear Wheel Drive Shaft Replacement - Right Side



10.

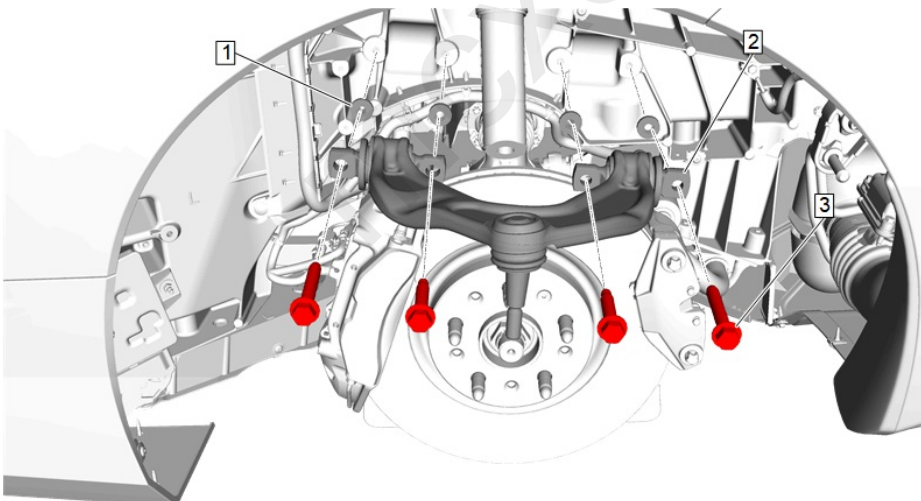
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11. Rear Suspension Upper Control Arm Outer Nut (1) >> Remove



12.
[Click here for full size](#)

13. Rear Suspension Upper Control Arm (1) @ Rear Suspension Knuckle (2) >> Remove



14.
[Click here for full size](#)

15. Caution:

Do NOT use power tools when removing or installing the fasteners as damage to the mating threads may occur. Use hand tools only. Hand start the fasteners to ensure that the threads do not bind or cross thread.

16. Note:

Note the length and locations of the 4 rear suspension upper control arm bolts (3) for proper installation.

17. Rear Suspension Upper Control Arm Bolt (3) >> Remove [4x]

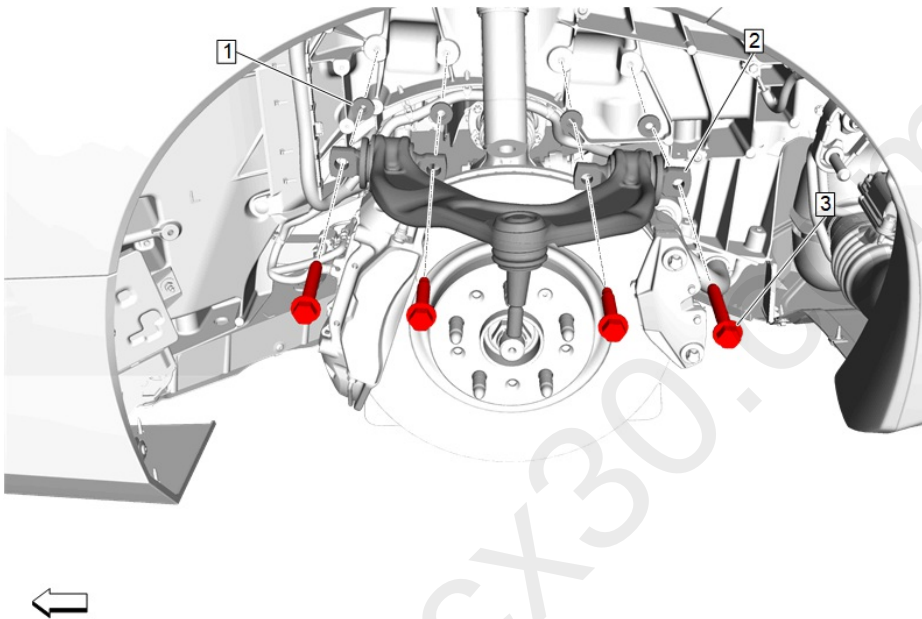
18. Rear Suspension Upper Control Arm (2) >> Remove

19. Note:

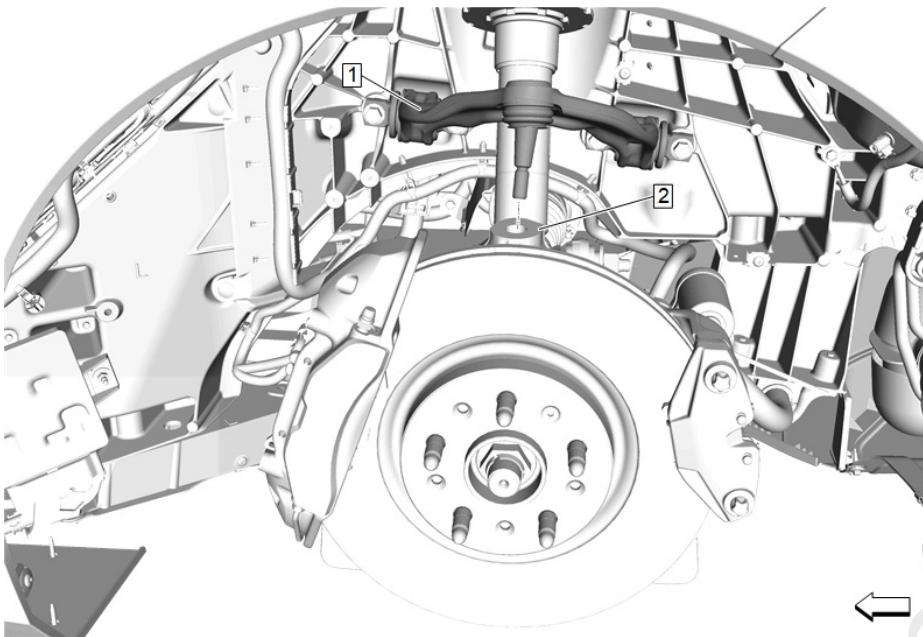
The 4 rear suspension upper control arm washers (1) will become dislodged during the removal of the rear suspension upper control arm (2).

20. Rear Suspension Upper Control Arm Washer (1) >> Remove [4x]

Installation Procedure

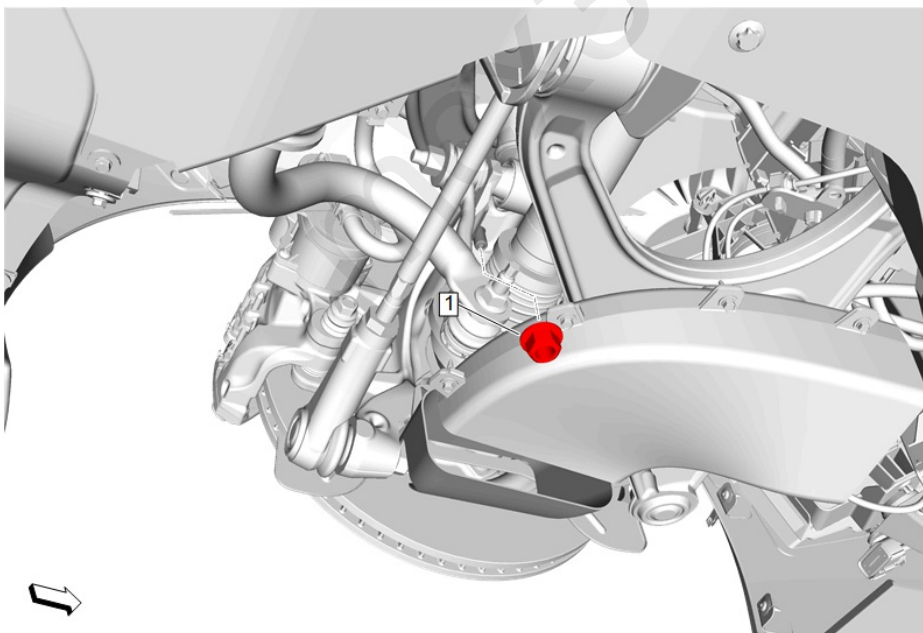


1. [Click here for full size](#)
2. Install the 4 rear suspension upper control arm bolts (3) to the rear suspension upper control arm (2) in the proper locations based on length as noted during removal.
3. Install the 4 rear suspension upper control arm washers (1) to the 4 rear suspension upper control arm bolts (3).
4. Caution:
Do NOT use power tools when removing or installing the fasteners as damage to the mating threads may occur. Use hand tools only. Hand start the fasteners to ensure that the threads do not bind or cross thread.
5. Install the rear suspension upper control arm (2) to the vehicle and hand tighten the 4 rear suspension upper control arm bolts (3).
6. Caution:
Refer to Fastener Caution.
7. Rear Suspension Upper Control Arm Bolt (1) >> Tighten [4x] 58 N-m (43 lb ft)



8.
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9. Rear Suspension Upper Control Arm (1) @ Rear Suspension Knuckle (2) >> Install

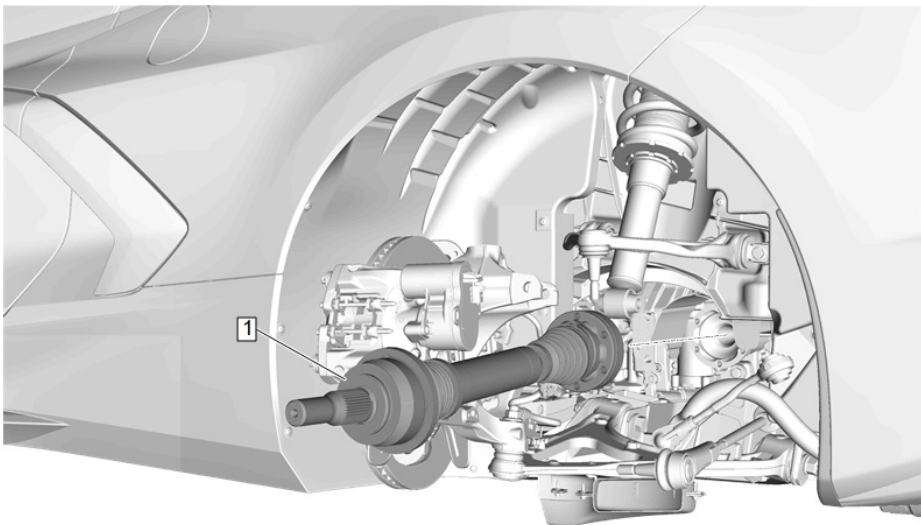


10.
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11. Rear Suspension Upper Control Arm Outer Nut (1) >> Install and tighten

12.
 1. First Pass: 50 N-m (37 lb ft)

2. Final Pass: 120 - 135 degrees

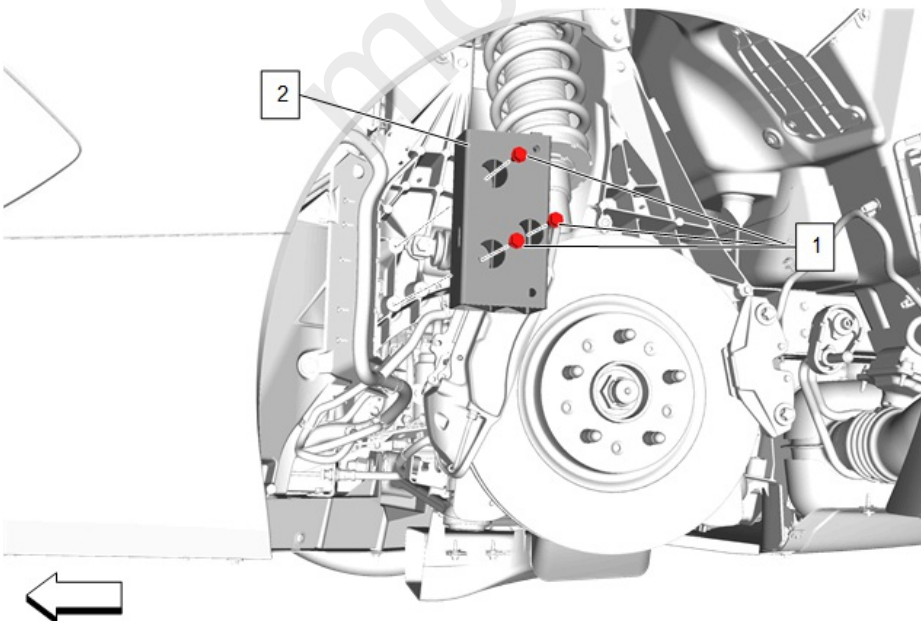


13.
[Click here for full size](#)

14. [Rear Wheel Drive Shaft >> Install](#)

15.

- [Rear Wheel Drive Shaft Replacement - Left Side](#)
- [Rear Wheel Drive Shaft Replacement - Right Side](#)



16.
[Click here for full size](#)

17. [Rear Wheel Protective Bumper \(2\) >> Install - Rear Wheel Protective Bumper Replacement](#)

18. [Rear Wheelhouse Liner >> Install](#)

19.

- Rear Wheelhouse Liner Replacement - Right Side
- Rear Wheelhouse Liner Replacement - Left Side

20. Install the rear tire and wheel assembly. Tire and Wheel Removal and Installation

21. Remove the support and lower the vehicle.

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