

2022 CHEVROLET CORVETTE SERVICE MANUAL

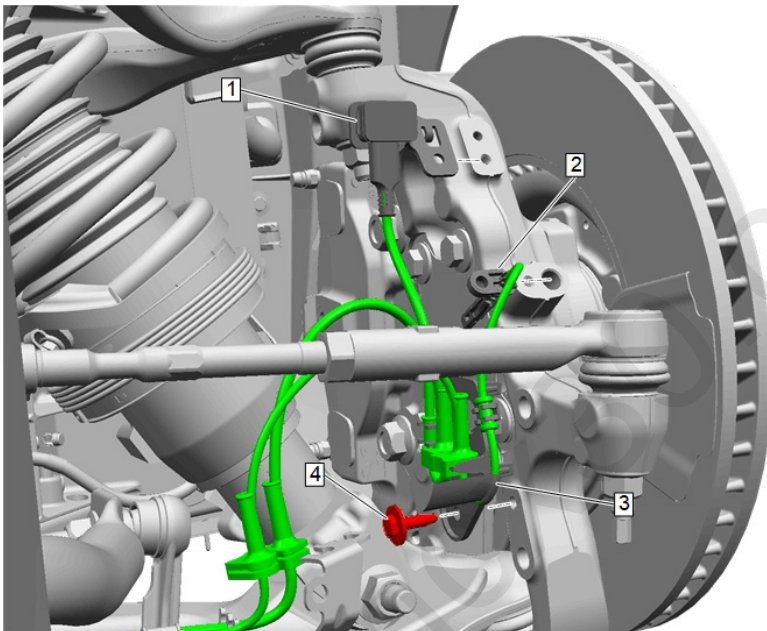
- **SEARCH**

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

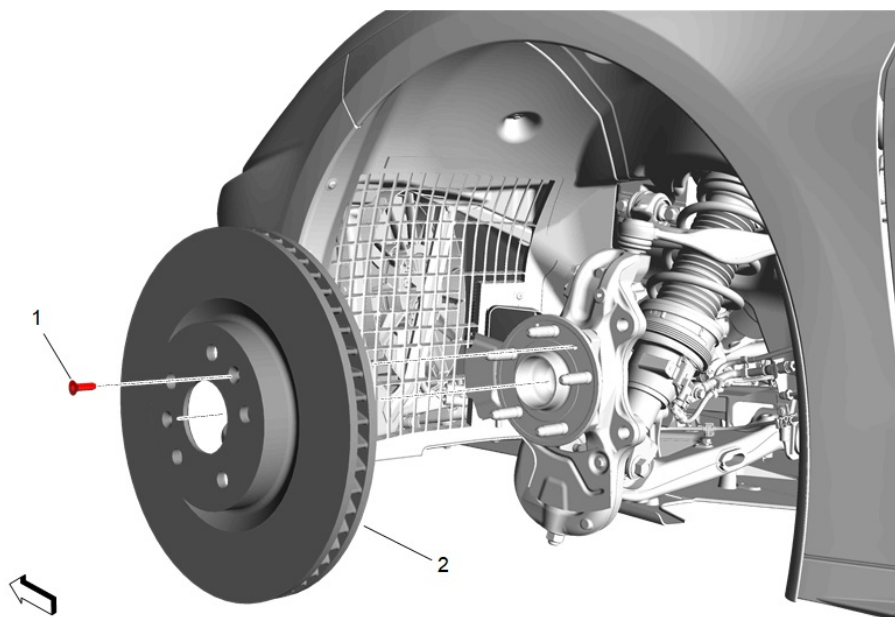
Steering Knuckle Replacement

Removal Procedure

1. Raise and support the vehicle. Lifting and Jacking the Vehicle
2. Remove the front tire and wheel assembly. Tire and Wheel Removal and Installation

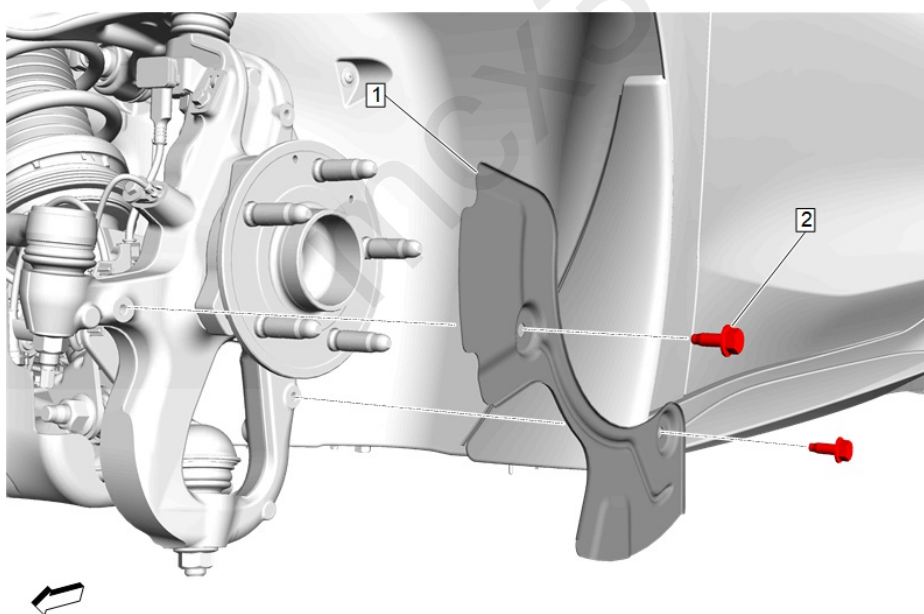


3.
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4. { If equipped } Electronic Suspension Wheel Front Vertical Accelerometer (1) @ Steering Knuckle >> Remove - Electronic Suspension Wheel Front Vertical Accelerometer Replacement
5. Front Wheel Speed Sensor (2) @ Steering Knuckle >> Remove
6.
 - Front Wheel Speed Sensor Replacement - Left Side
 - Front Wheel Speed Sensor Replacement - Right Side
7. Front Wheel Speed Sensor Bracket Bolt (4) @ Steering Knuckle >> Remove
8. Wheel Speed Sensor Bracket (3) >> Reposition



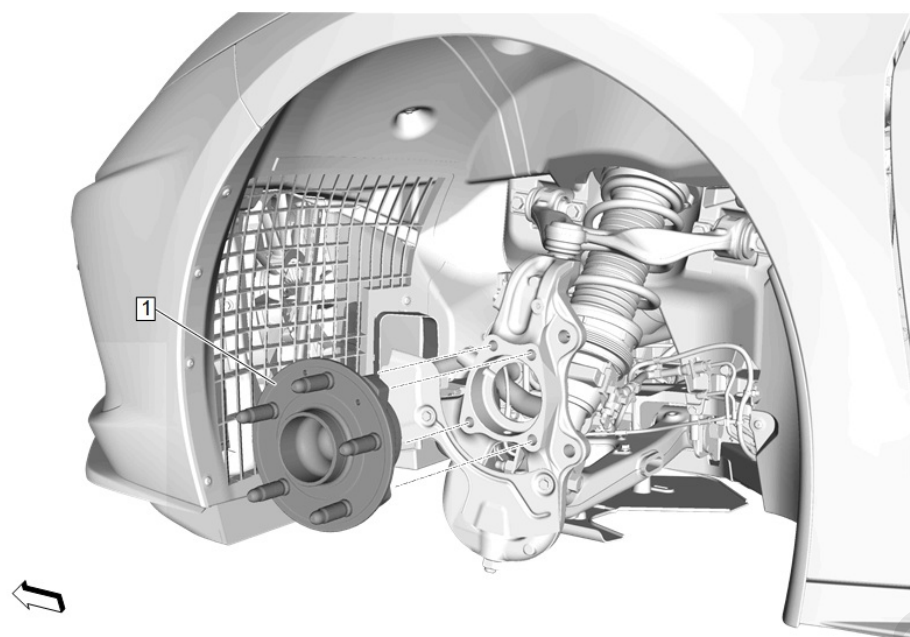
9.
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10. Front Brake Rotor (2) >> Remove - Front Brake Rotor Replacement



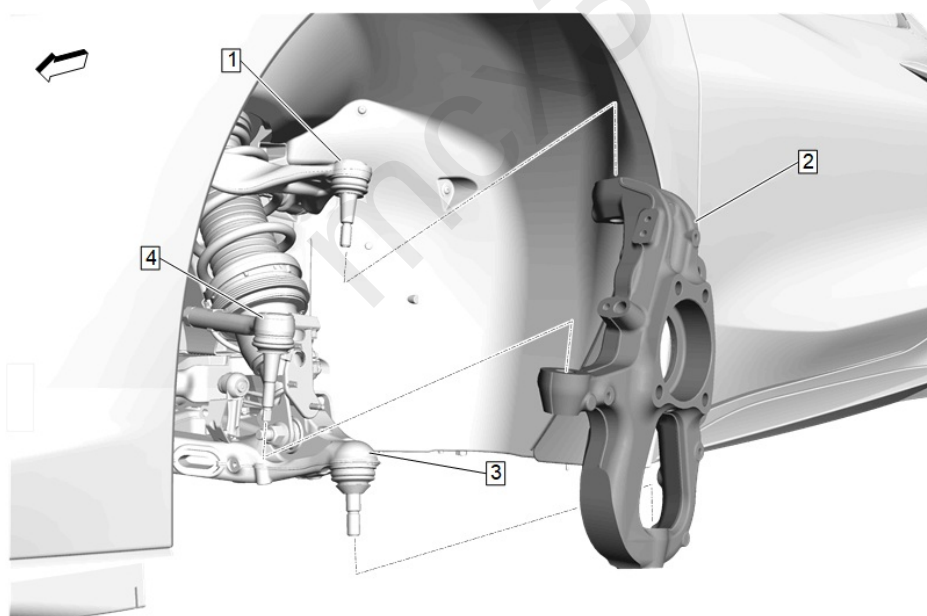
11.
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12. Front Brake Shield (1) >> Remove - Front Brake Shield Replacement



13.
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14. Front Wheel Hub (1) >> Remove - Front Wheel Hub Replacement



15.
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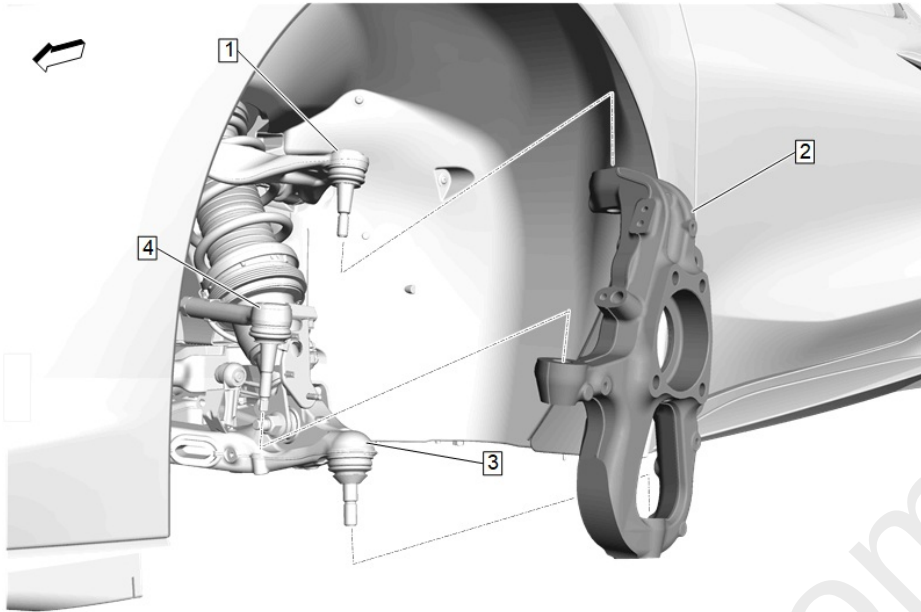
16. Front Upper Control Arm (1) @ Steering Knuckle (2) >> Separate - Front Upper Control Arm Replacement

17. Steering Linkage Outer Tie Rod (4) @ Steering Knuckle (2) >> Separate - Steering Linkage Outer Tie Rod Replacement

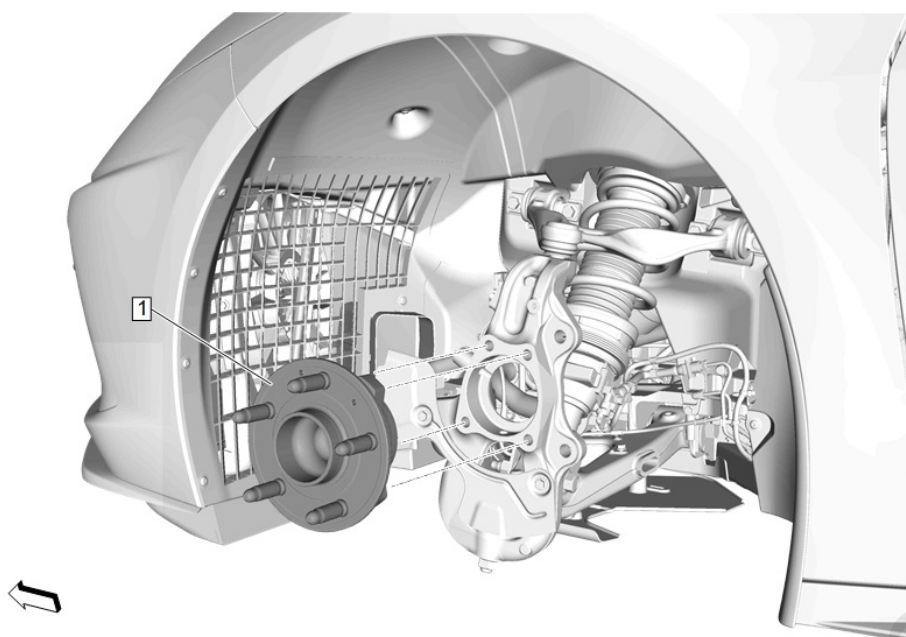
18. Front Lower Control Arm (3) @ Steering Knuckle (2) >> Separate - Front Lower Control Arm Replacement

19. Steering Knuckle (2) >> Remove

Installation Procedure

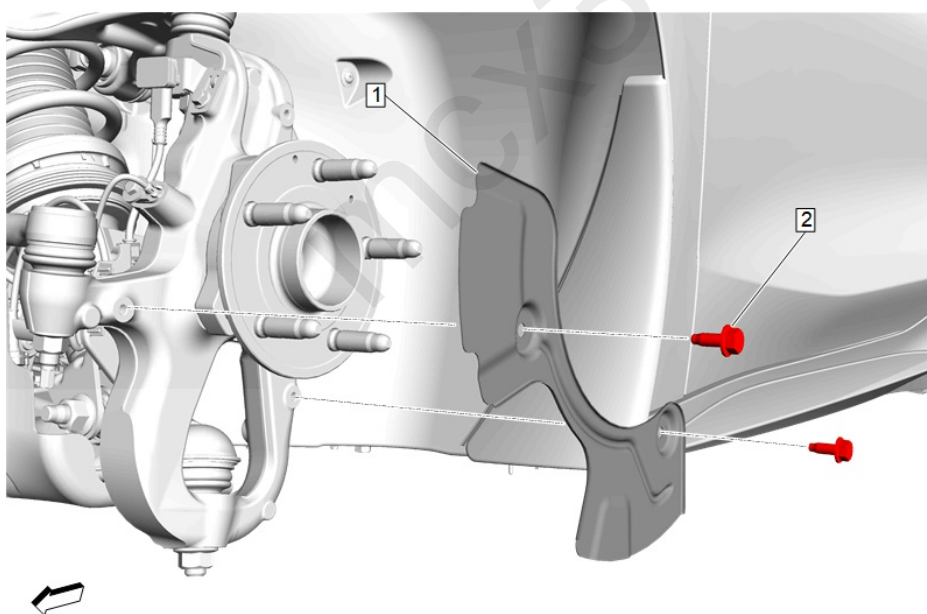


1. [Click here for full size](#)
2. Steering Knuckle (2) >> Install
3. Front Lower Control Arm (3) @ Steering Knuckle (2) >> Install - Front Lower Control Arm Replacement
4. Steering Linkage Outer Tie Rod (4) @ Steering Knuckle (2) >> Install - Steering Linkage Outer Tie Rod Replacement
5. Front Upper Control Arm (1) @ Steering Knuckle (2) >> Install - Front Upper Control Arm Replacement



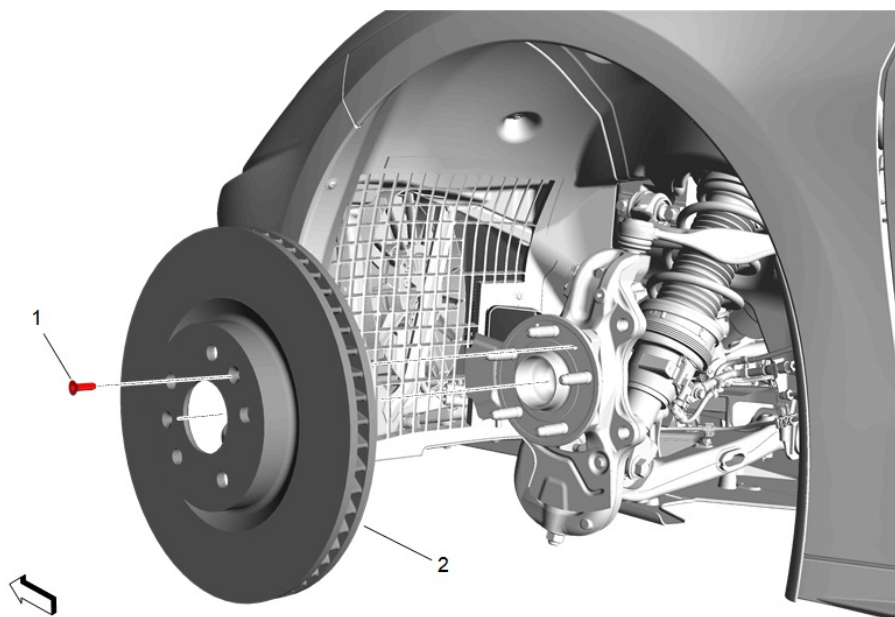
6.
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7. Front Wheel Hub (1) >> Install - Front Wheel Hub Replacement



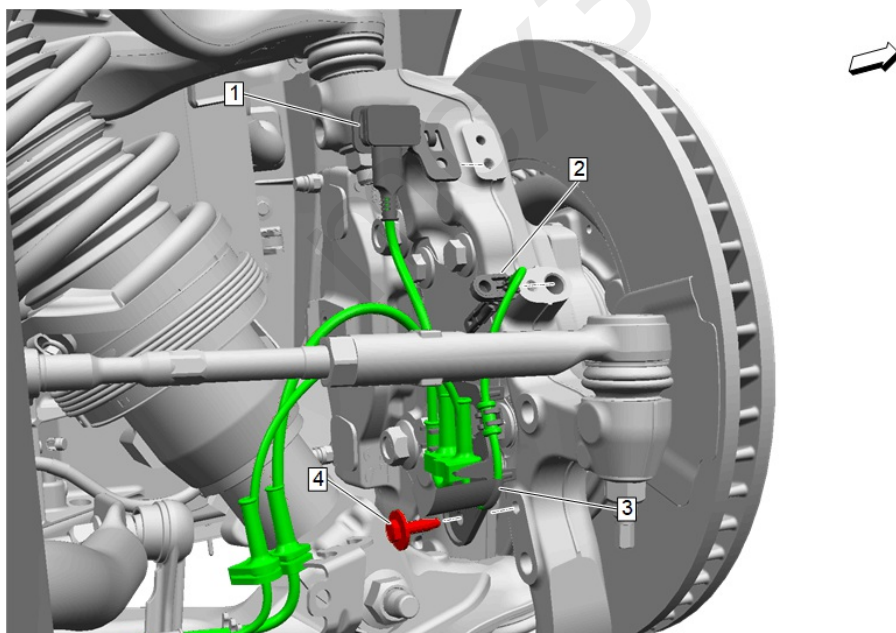
8.
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9. Front Brake Shield (1) >> Install - Front Brake Shield Replacement



10.
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11. Front Brake Rotor (2) >> Install - Front Brake Rotor Replacement



12.
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13. Wheel Speed Sensor Bracket (3) >> Install

14. Caution:

Refer to Fastener Caution.

15. Front Wheel Speed Sensor Bracket Bolt (4) @ Steering Knuckle >> Install and tighten 5 N-m (44 lb in)
16. Front Wheel Speed Sensor (2) @ Steering Knuckle >> Install
17.
 - Front Wheel Speed Sensor Replacement - Left Side
 - Front Wheel Speed Sensor Replacement - Right Side
18. { If equipped } Electronic Suspension Wheel Front Vertical Accelerometer (1) @ Steering Knuckle >> Install - Electronic Suspension Wheel Front Vertical Accelerometer Replacement
19. Install the front tire and wheel assembly. Tire and Wheel Removal and Installation
20. Remove the support and lower the vehicle.
21. Perform the front suspension position sensor trim height learn. Front Suspension Position Sensor Trim Height Learn