

2022 CHEVROLET CORVETTE SERVICE MANUAL

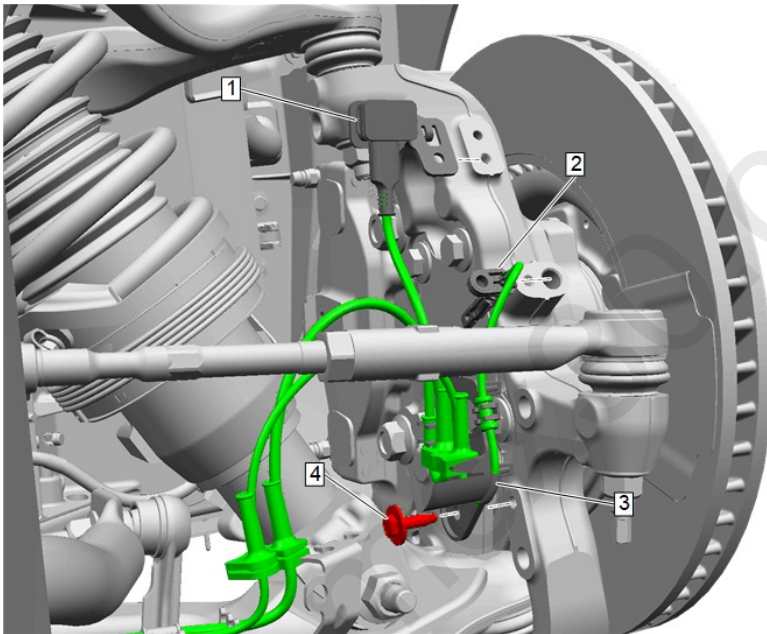
- **SEARCH**

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

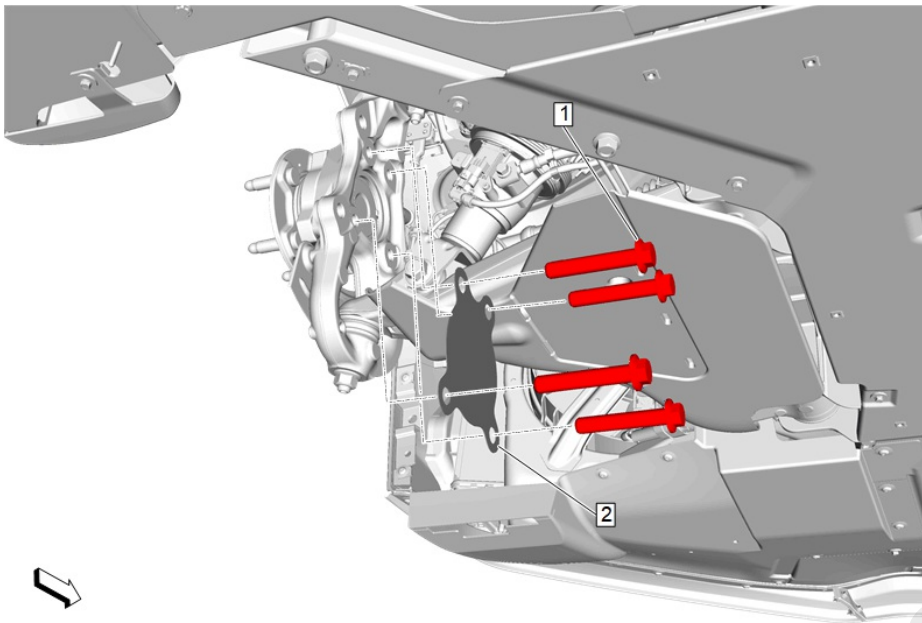
Front Wheel Hub Replacement

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. Front Brake Rotor >> Remove - Front Brake Rotor Replacement



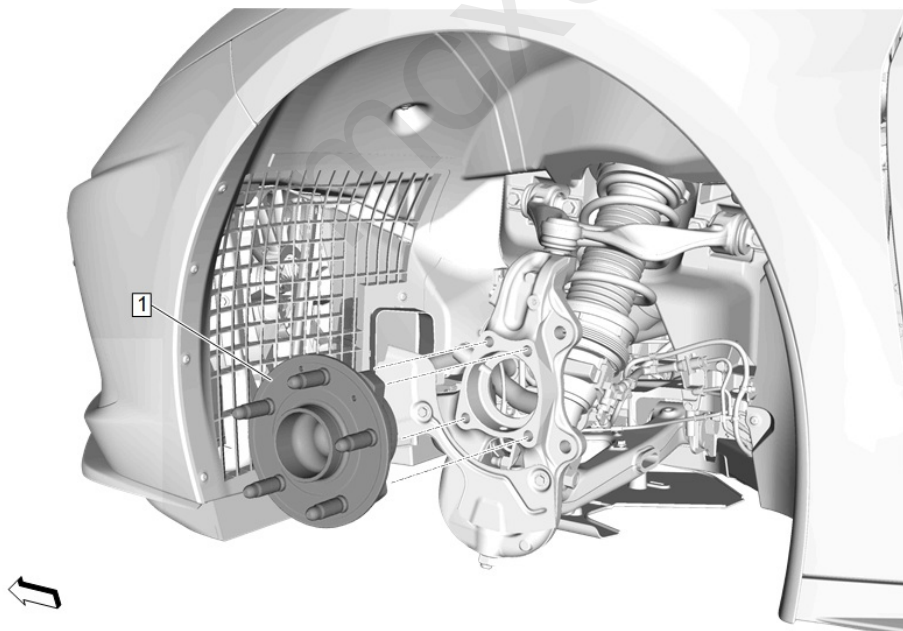
4.
Click here for full size
5. Front Wheel Speed Sensor (2) @ Steering Knuckle >> Remove
6.
 - Front Wheel Speed Sensor Replacement - Left Side
 - Front Wheel Speed Sensor Replacement - Right Side
7. Front Wheel Speed Sensor Bracket Bolt (4) @ Steering Knuckle >> Remove
8. Wheel Speed Sensor Bracket (3) >> Reposition



9.
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10. Front Wheel Hub Bolt (1) >> Remove [4x]

11. Front Brake Bearing Shield (2) >> Remove



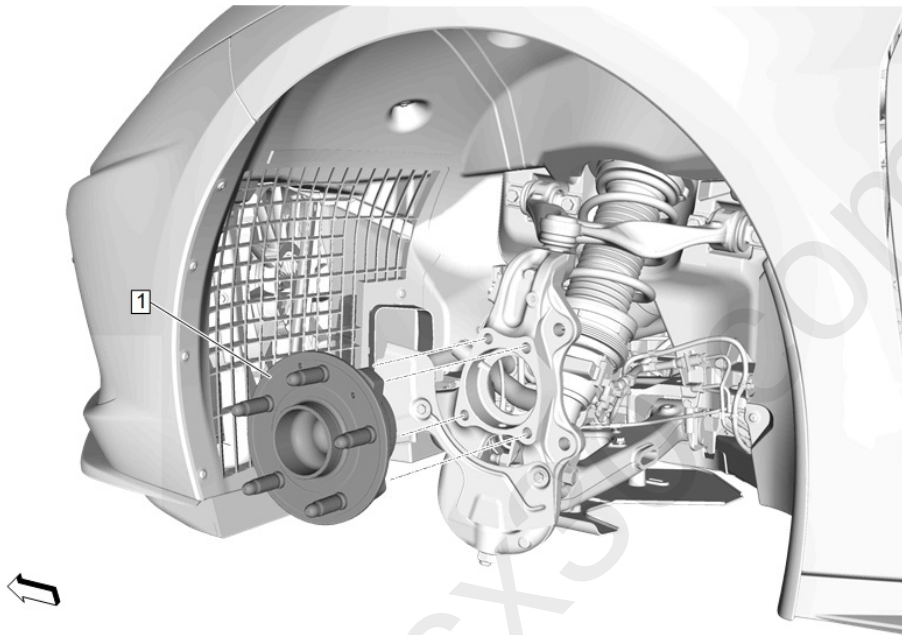
12.
[Click here for full size](#)

13. Front Wheel Hub (1) >> Remove

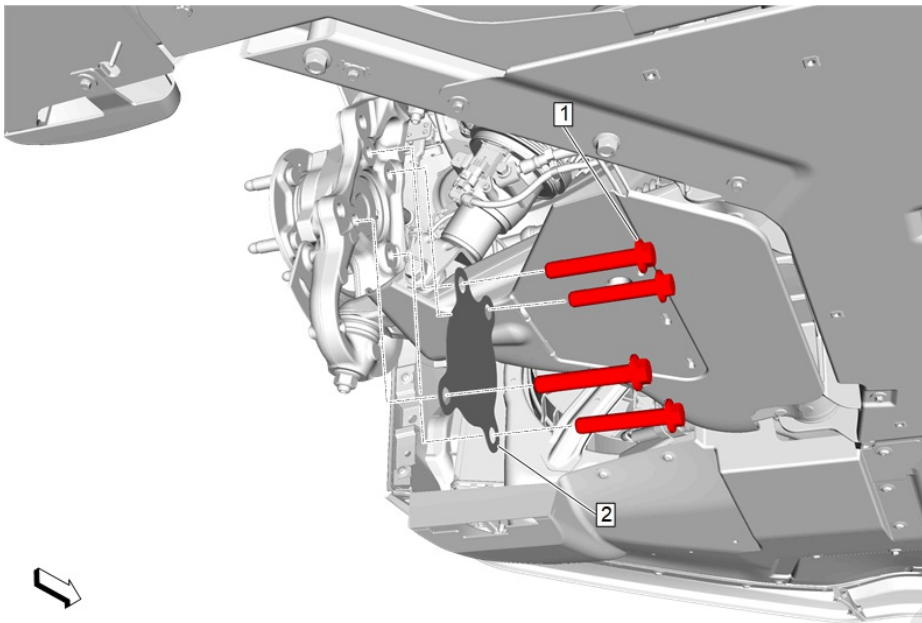
14. Clean the steering knuckle bearing pilot bore of any contaminants or corrosion.

Installation Procedure

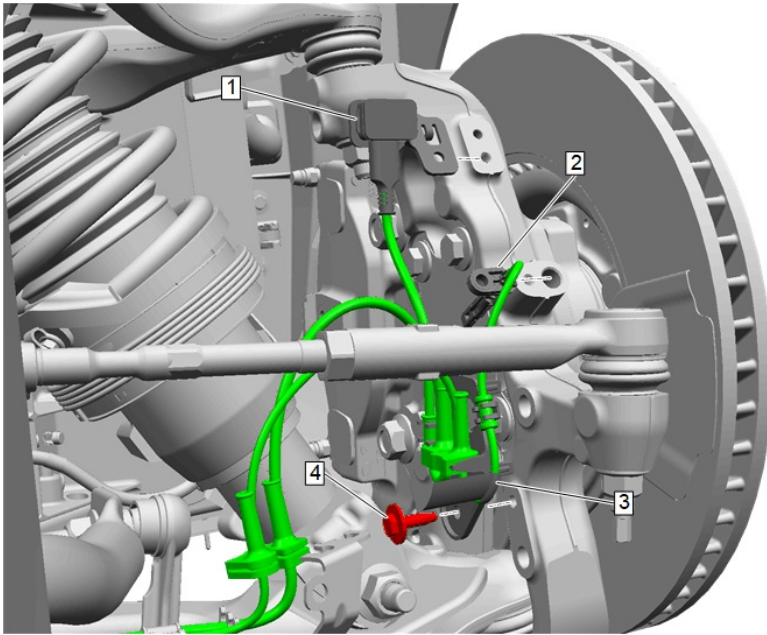
1. Prepare the 4 front wheel hub bolts for installation as follows:
 2.
 1. Remove any loose cured adhesive from the external threads of the components using a lint free cloth.
 2. Thread the cleaned components into the internal mating threads and remove to loosen trapped cured adhesive.
 3. Apply thread locking adhesive to the external threads of the components. Adhesives, Fluids, Lubricants, and Sealers
 4. Ensure there are no gaps in the thread locking adhesive once applied to the component.
 3. Apply a thin coating of grease to the steering knuckle bearing pilot bore only. Adhesives, Fluids, Lubricants, and Sealers



4. [Click here for full size](#)
5. Front Wheel Hub (1) >> Install



6.
Click here for full size
7. Front Brake Bearing Shield (2) >> Install
8. Caution:
Refer to Fastener Caution.
9. Front Wheel Hub Bolt (1) >> Install and tighten [4x]
10.
 1. First Pass: 100 N-m (74 lb ft)
 2. Final Pass: 15 - 30 degrees



11. [Click here for full size](#)
12. Wheel Speed Sensor Bracket (3) >> Install
13. Caution:
Refer to Fastener Caution.
14. Front Wheel Speed Sensor Bracket Bolt (4) @ Steering Knuckle >> Install and tighten 5 N-m (44 lb in)
15. Front Wheel Speed Sensor (2) @ Steering Knuckle >> Install
16.
 - Front Wheel Speed Sensor Replacement - Left Side
 - Front Wheel Speed Sensor Replacement - Right Side
17. Front Brake Rotor >> Install - Front Brake Rotor Replacement
18. Install the front tire and wheel assembly. Tire and Wheel Removal and Installation
19. Remove the support and lower the vehicle.