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2006 FORD Focus CC OEM Service and Repair Workshop Manual

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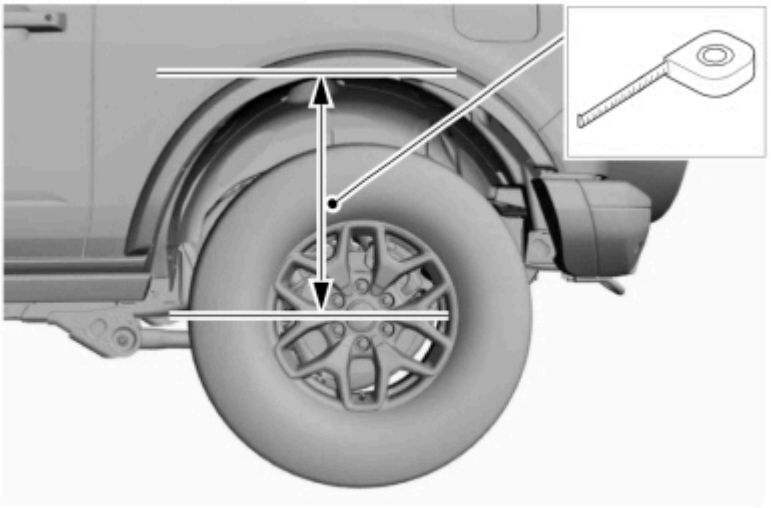
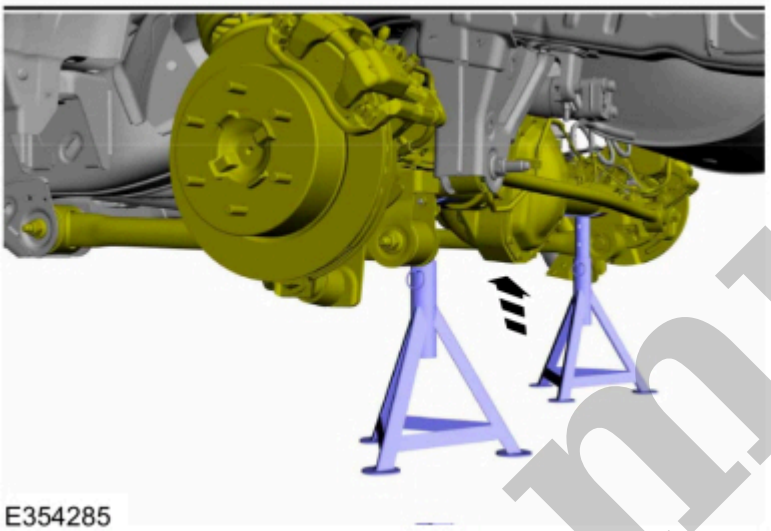




Click here to learn about symbols, color coding, and icons used in this manual.

4. **NOTICE**

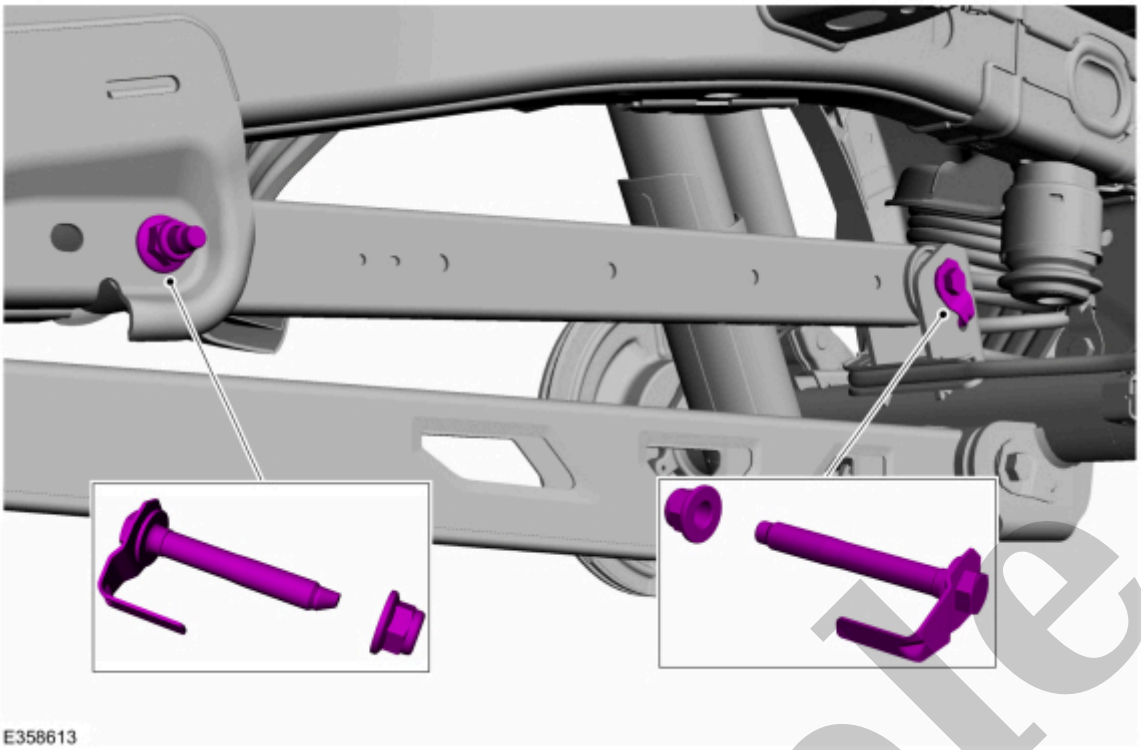
   Tighten the suspension bushing fasteners with the suspension raised by a jack to curb height or with the weight of the vehicle resting on the wheels and tires. Otherwise, damage to the bushings may occur.

   NOTE

   LH (left-hand) side only.

   Tighten the upper arm bolts and nuts.

   Torque : 173 lb.ft (235 Nm)



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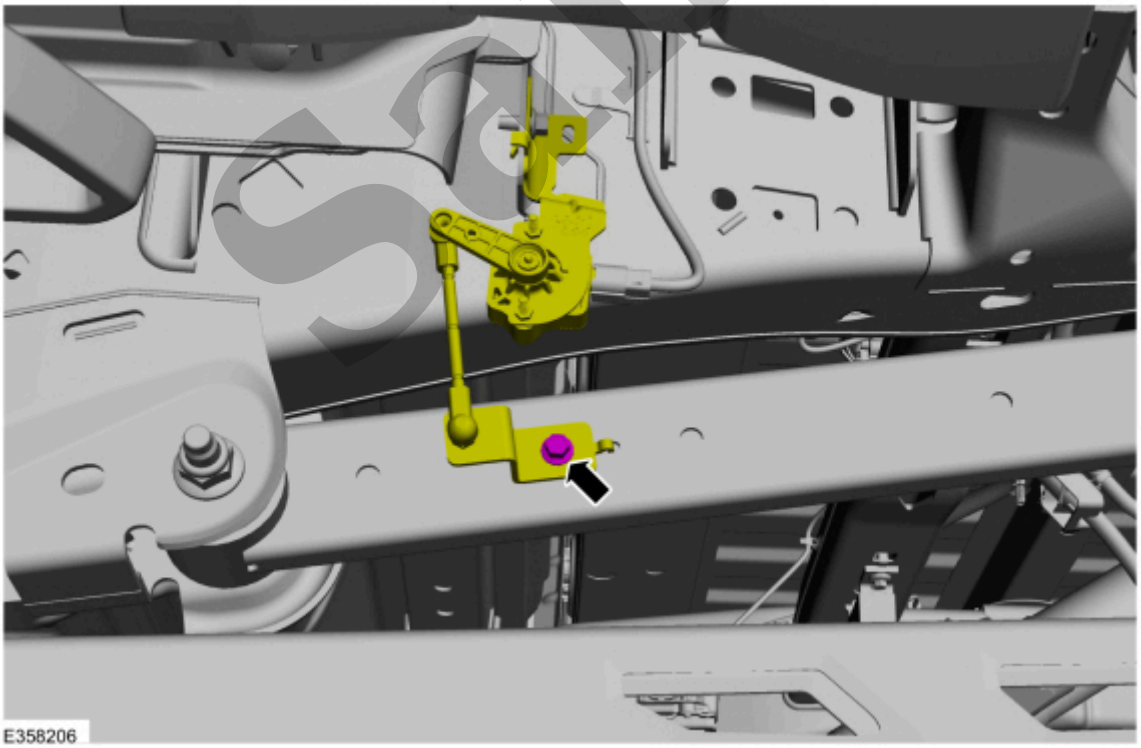
6. Position the height sensor arm bracket and install the bolt.

   Torque : 177 lb.in (20 Nm)



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Wheel Bearing and Wheel Hub - Electric

204-02 Rear Suspension	***2022 F-150***
Removal and Installation	***Procedure revision date: 04/22/2022***

Wheel Bearing and Wheel Hub - Electric

Removal

NOTICE

Suspension fasteners are critical parts that affect the performance of vital components and systems. Failure of these fasteners may result in major service expense. Use the same or equivalent parts if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Tighten fasteners as specified.

NOTE

Removal steps in this procedure may contain installation details.

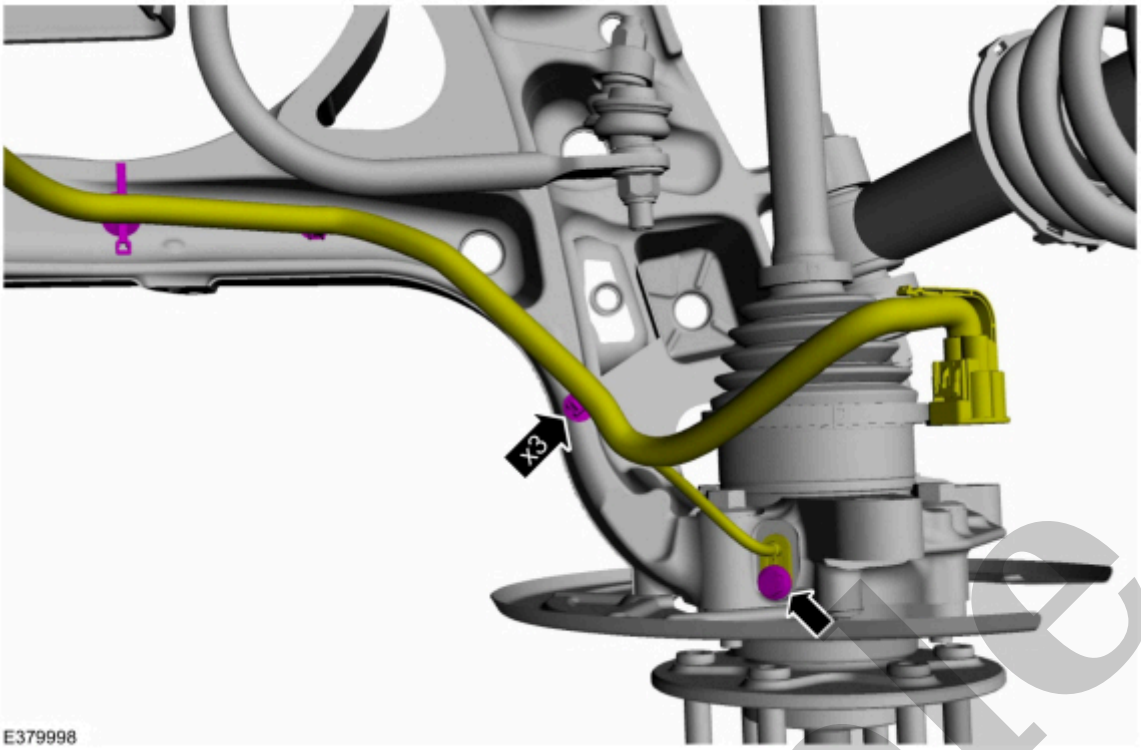
1. Remove the wheel and tire.

   Refer to: Wheel and Tire(204-04A Wheels and Tires, Removal and Installation).

2. **NOTE**

   This step requires the aid of another technician.

   NOTE



Click here to learn about symbols, color coding, and icons used in this manual.

5. **NOTE**

   Push the halfshaft into the wheel hub to gain access for the removal of the wheel bearing and wheel hub bolts.

   Install the special tool and press the halfshaft from the rear wheel bearing and wheel hub. Support the halfshaft.

   Use Special Service Tool : 205-D070 (D93P-1175-B) Remover, Front Wheel Hub

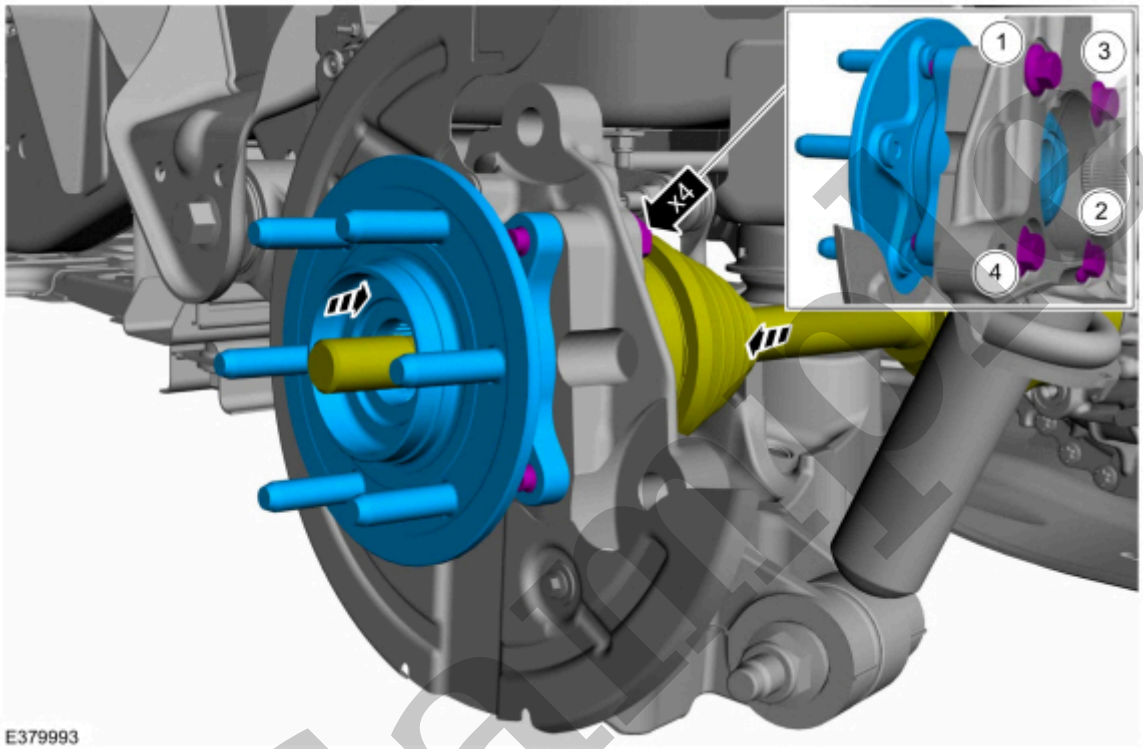
Installation

1. **NOTE**

   Tighten the bolts in a cross pattern.

   Install the wheel bearing and wheel hub and install the new wheel bearing and wheel hub retainers.

   Torque : 129 lb.ft (175 Nm)



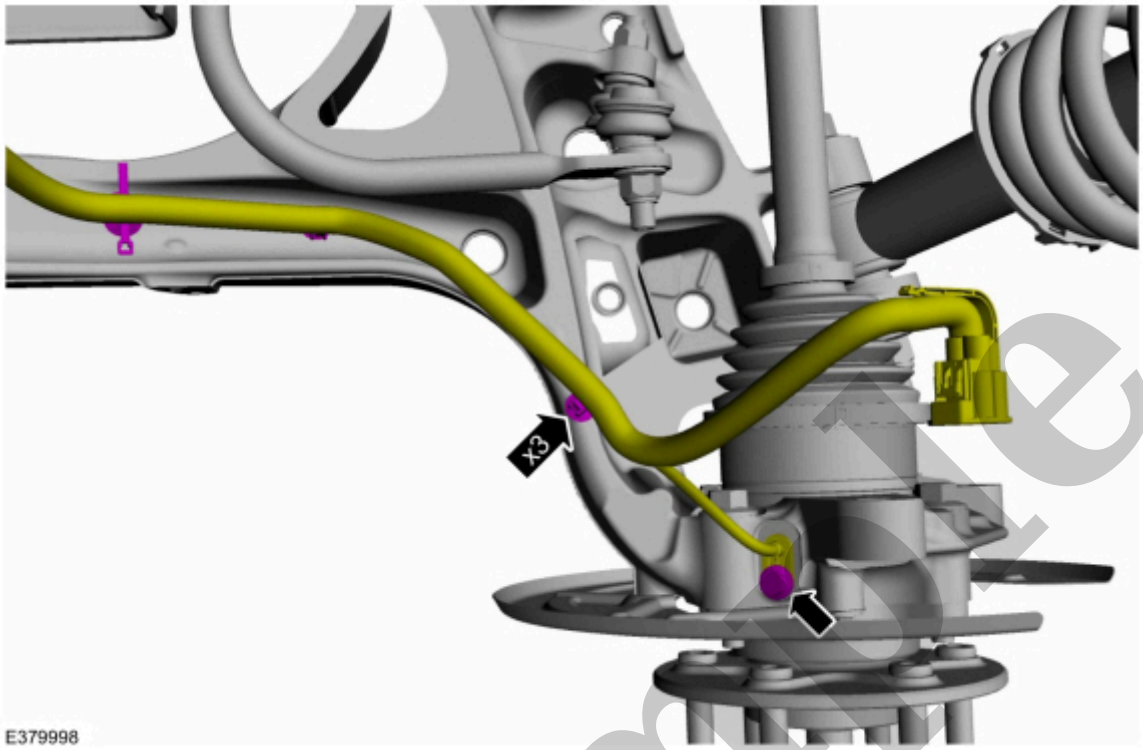
Click here to learn about symbols, color coding, and icons used in this manual.

2. Clean and inspect the CV (constant velocity) joint thread.

Click here to learn about symbols, color coding, and icons used in this manual.

4. Position the rear wheel speed sensor and install the bolt and attach the harness retainers.

   Torque : 133 lb.in (15 Nm)



Click here to learn about symbols, color coding, and icons used in this manual.

5. Install the brake disc.

   Refer to: Brake Disc - Electric(206-04 Rear Disc Brake, Removal and Installation).

6. **NOTE**

   Apply the brake to keep the halfshaft from rotating.

   NOTE

   This step requires the aid of another technician.

   While an assistant applies the brake, tighten the wheel hub nut.

   Torque : 184 lb.ft (250 Nm)

Wheel Studs - Electric

204-02 Rear Suspension	***2022 F-150***
Removal and Installation	***Procedure revision date: 04/22/2022***

Wheel Studs - Electric

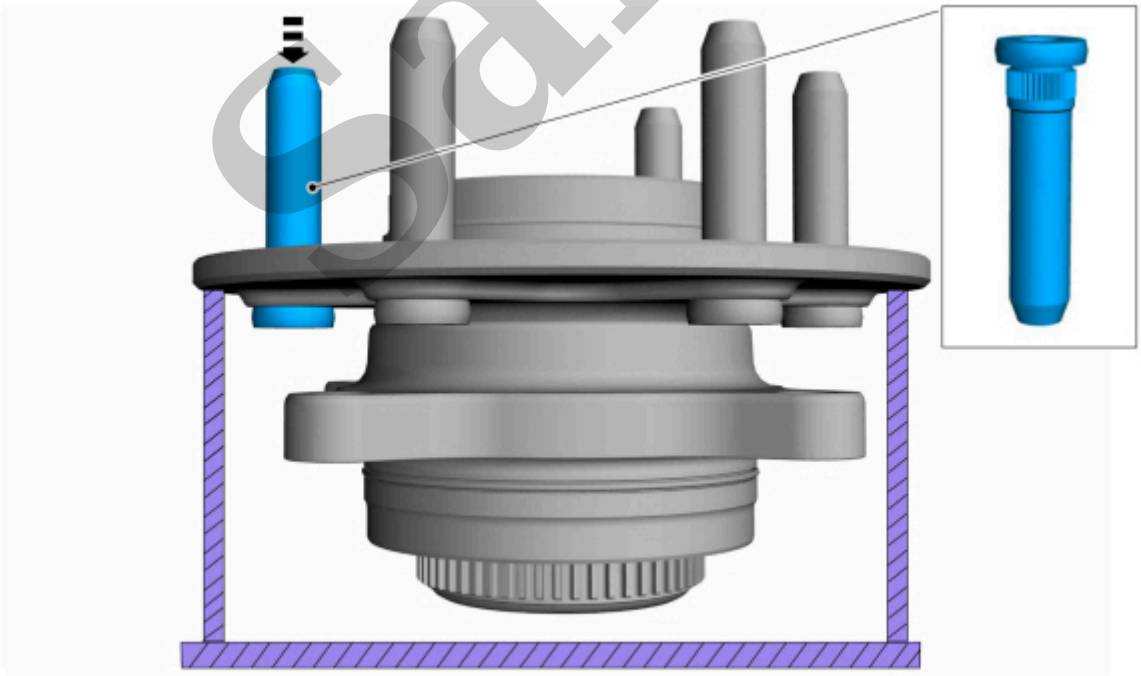
Removal

1. Remove the wheel bearing and wheel hub.

   Refer to: Wheel Bearing and Wheel Hub - Electric(204-02 Rear Suspension, Removal and Installation).

2. Press the wheel stud from the wheel bearing and wheel hub flange.

   Use the General Equipment: Hydraulic Press



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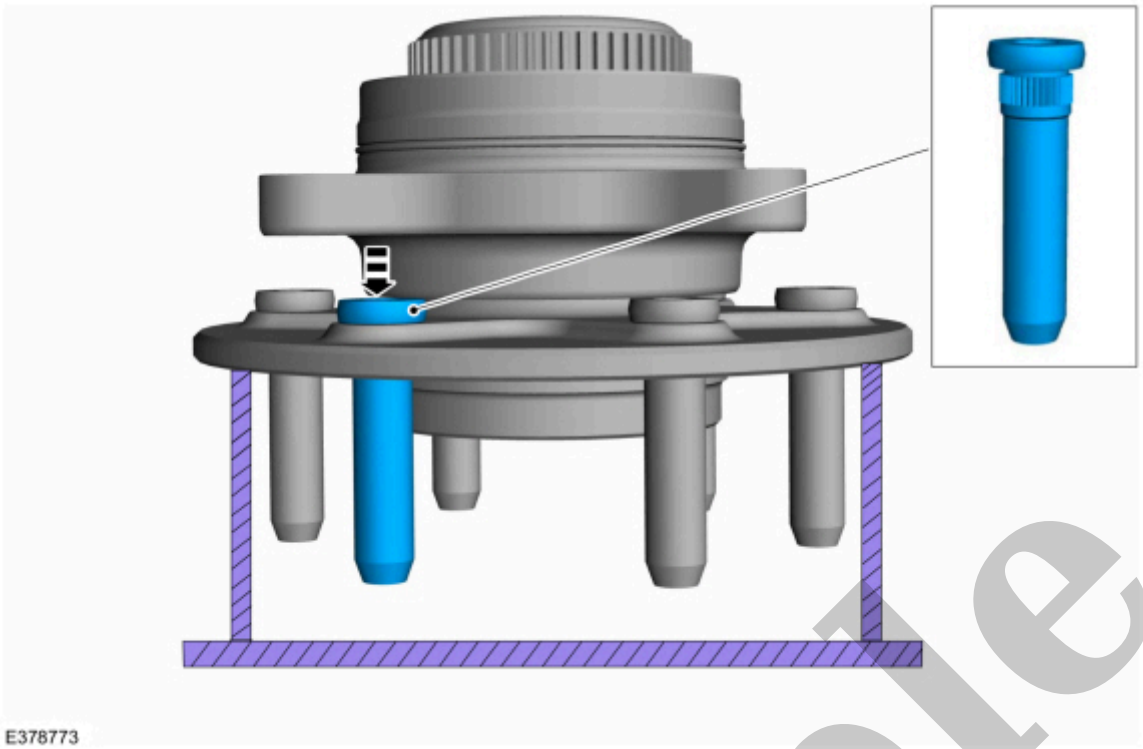

Click here to learn about symbols, color coding, and icons used in this manual.

2. Install the wheel bearing and wheel hub.

   Refer to: Wheel Bearing and Wheel Hub - Electric(204-02 Rear Suspension, Removal and Installation).

Suspension System

204-00 Suspension System - General Information	***2022 F-150***
Diagnosis and Testing	***Procedure revision date: 09/13/2022***

Suspension System

Preliminary Inspection

1. Road test the vehicle:
    - If any suspension alignment or ride height concerns are present, REFER to Symptom Chart: Suspension System.
    - Verify the customer concern by carrying out a road test on a smooth road. If any vibrations are present, REFER to Symptom Chart: NVH (noise, vibration and harshness) .
2. Inspect the tires:
    - Check the tire pressures with all normal loads in the vehicle and the tires cold. REFER to the VC (vehicle certification) label.
    - Verify that all tires are sized to specification. REFER to the VC (vehicle certification) label.
    - Inspect the tires for incorrect wear and damage. INSTALL new tires as necessary.
3. Inspect the chassis and underbody:
    - Remove any excessive accumulation of mud, dirt or road deposits from the chassis and underbody.
    - Front or rear suspension components.
    - Suspension fastener(s).
    - Incorrect spring usage Spring(s).