

SECTION 204-01B: Front Suspension — Four Wheel Drive (4WD)
REMOVAL AND INSTALLATION

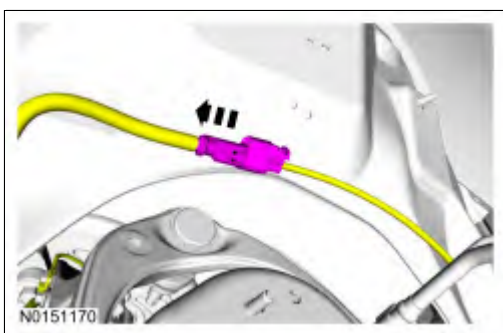
2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Wheel Bearing and Wheel Hub

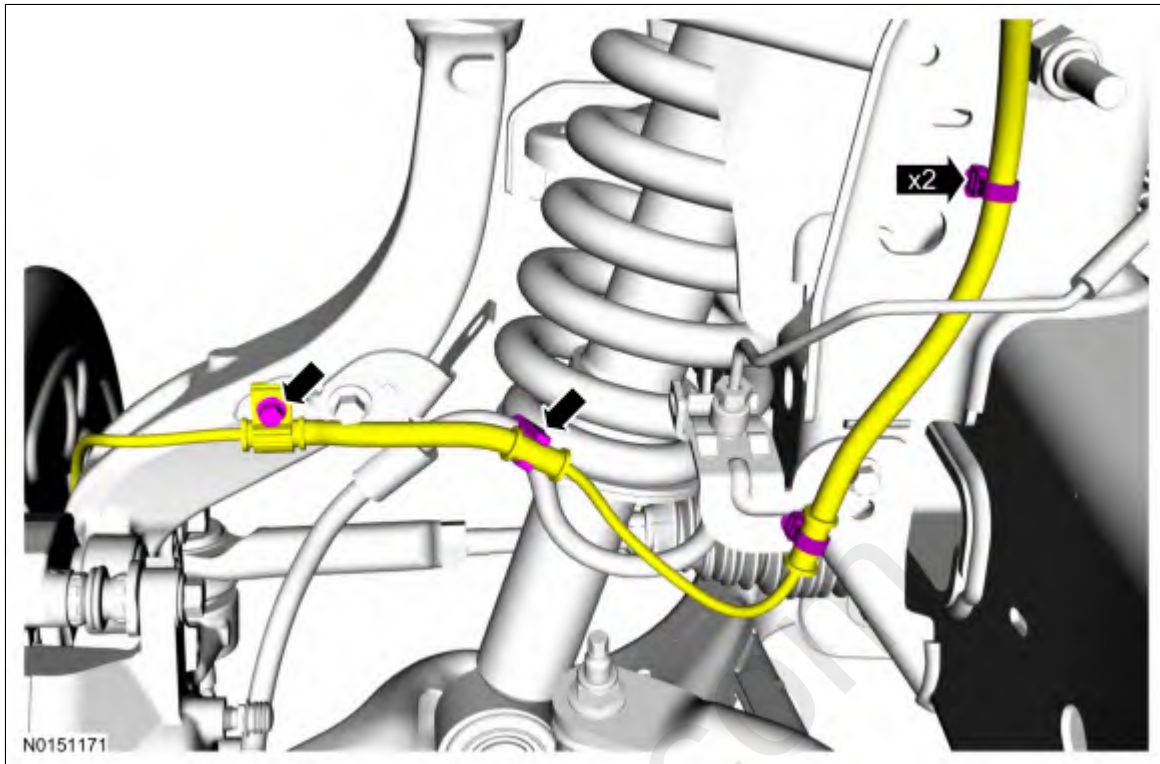
Removal and Installation

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.

1. **NOTE:** The wheel speed sensor electrical connector is located in the engine compartment secured to the fender apron.

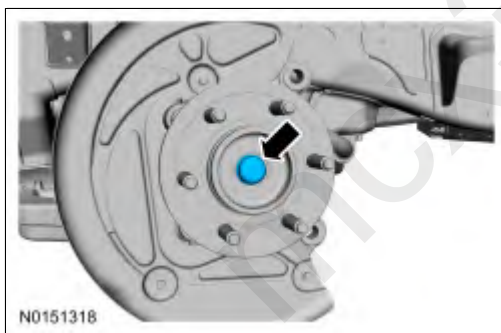


2. Remove the wheel and tire. Refer to [Section 204-04](#).
- 3.

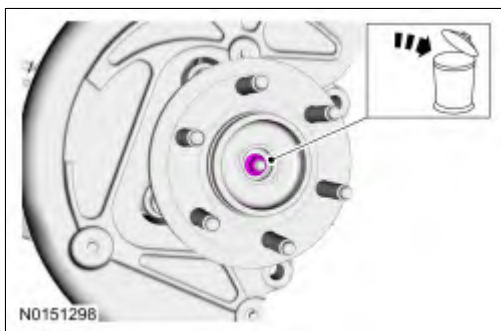


4. Remove the brake disc. Refer to [Section 206-03](#).

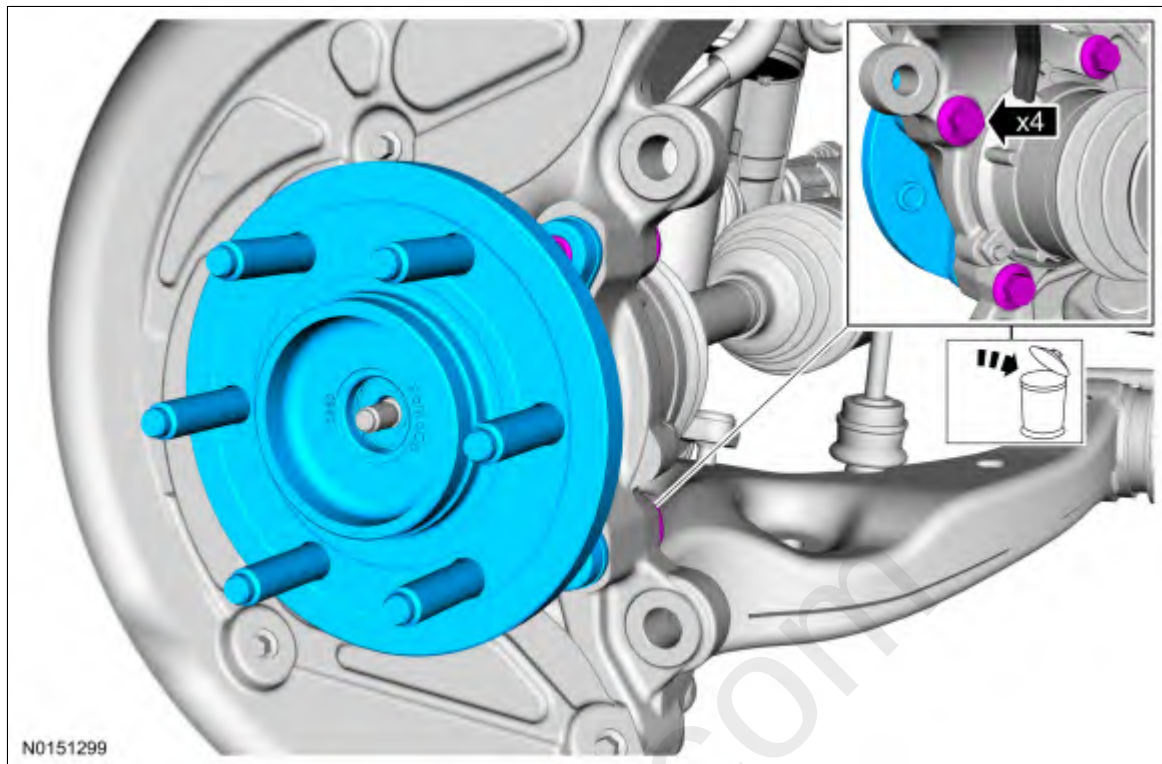
5.



6.

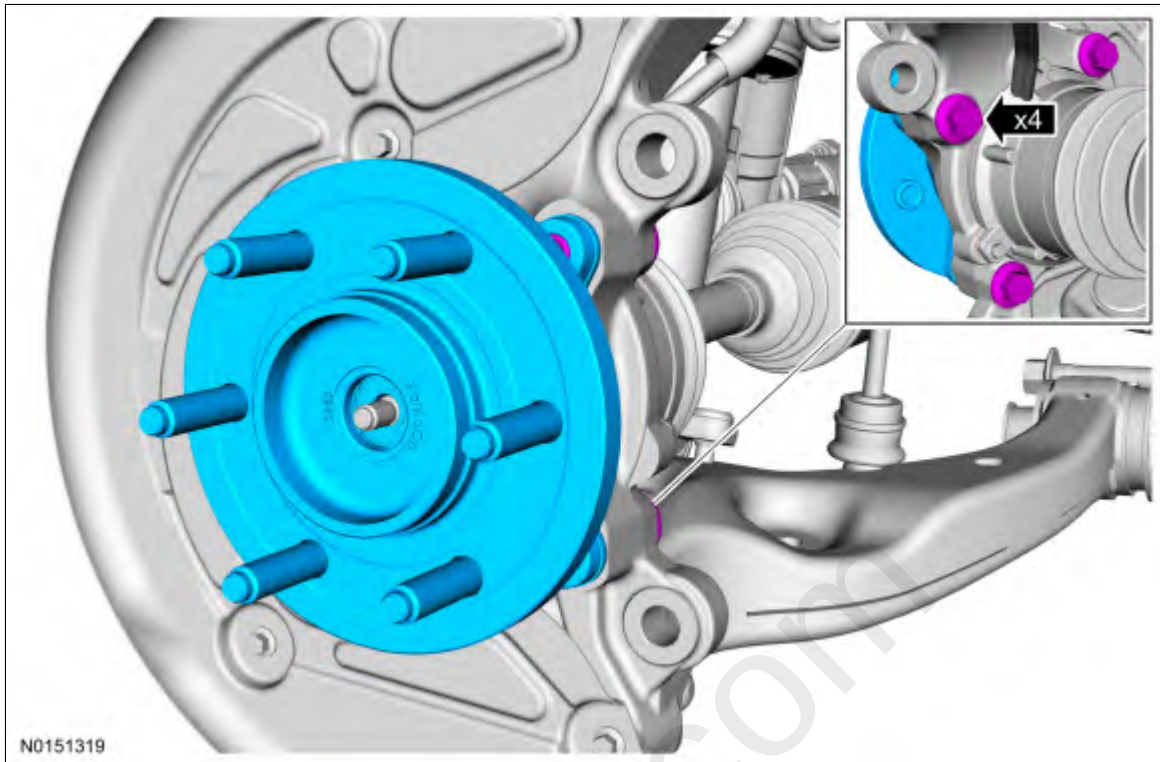


7.



Installation

1. **NOTICE:** If the original wheel bearing and wheel hub is being installed, install a new wheel hub O-ring seal or damage to the wheel bearing may occur.
 - Tighten to 175 Nm (129 lb-ft).



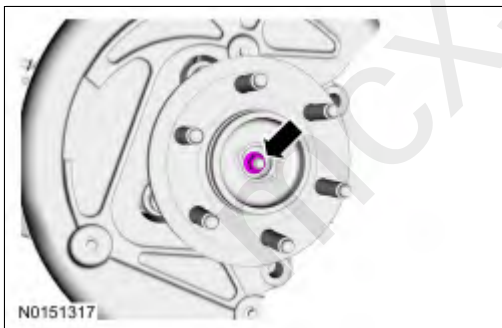
2. **NOTICE:** Measure the depth of the Constant Velocity (CV) shaft threaded end to the inner bearing race (shown in illustration). The minimum depth is 15.5 mm (0.61 in). If the depth is less than 15.5 mm (0.61 in) rotate the CV shaft to clear a binding condition between the Integrated Wheel End (IWE) and CV splines. Installing the axle nut and tightening without the proper depth of protrusion will result in damage to the IWE .

Measure the CV shaft threaded end to the inner bearing race.

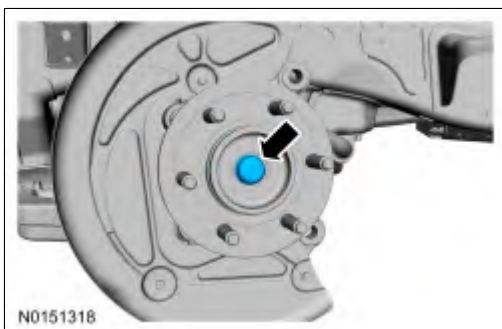


3. **NOTICE:** Verify the spline engagement by checking for spline lash before installing the axle nut or component damage may occur.

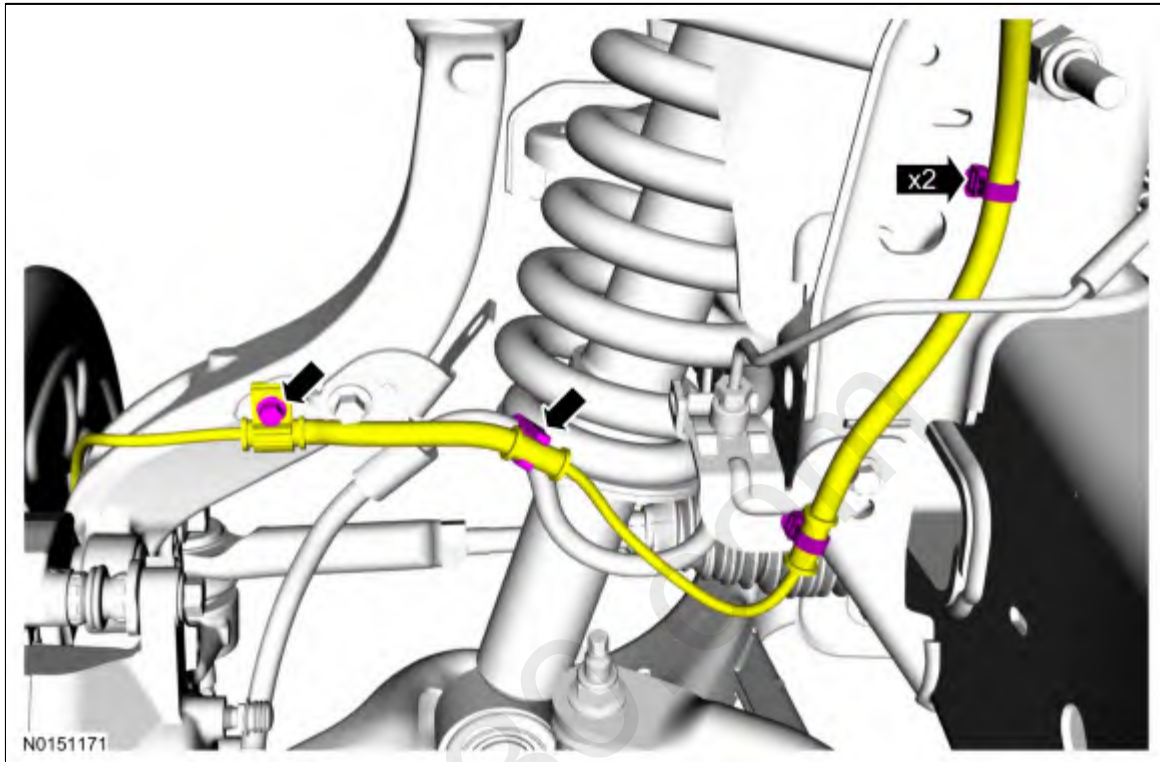
- Tighten to 40 Nm (30 lb-ft).



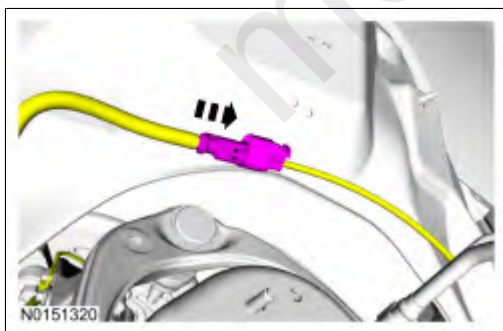
- 4.



5. Install the brake disc. Refer to [Section 206-03](#).
6.
 - Tighten to 12 Nm (106 lb-in).



7. Install the wheel and tire. Refer to [Section 204-04](#).
8. **NOTE:** The wheel speed sensor electrical connector is located in the engine compartment secured to the fender apron.



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