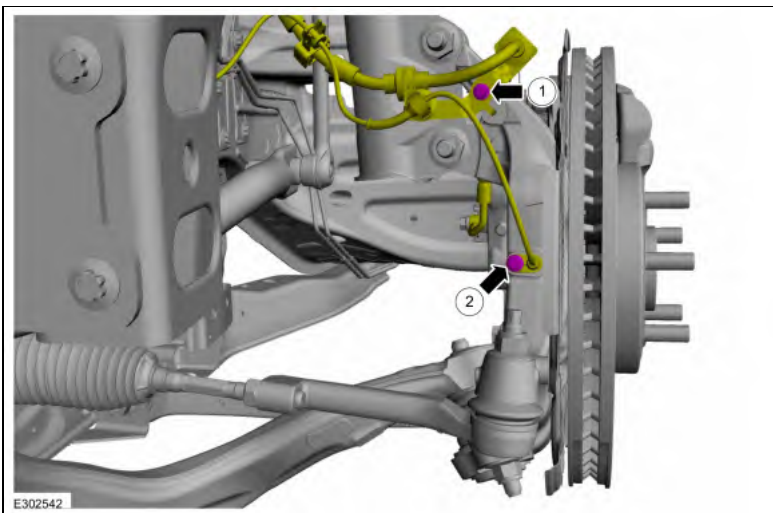
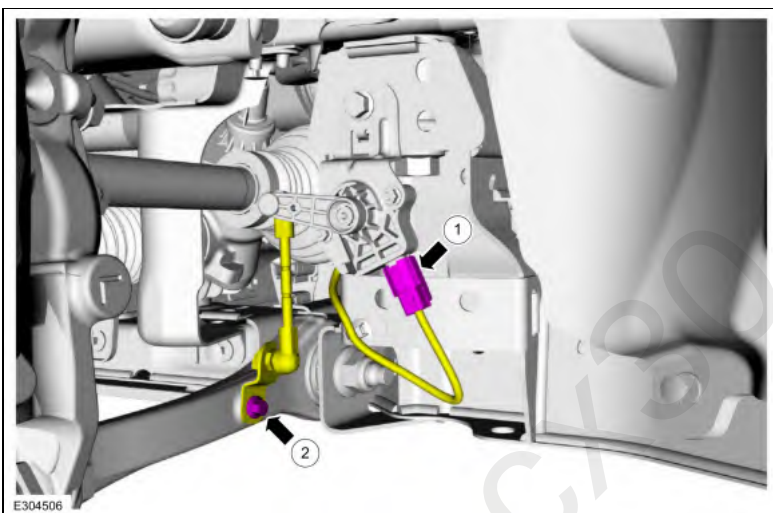




6. **NOTE:** *If equipped.*

1. Disconnect the ride height sensor electrical connector.
2. Remove the ride height sensor arm anchor plate bolt.



7. **NOTICE:** Do not pry in the caliper sight hole to retract the pistons as this can damage the pistons and boots.

NOTICE: Do not allow the brake caliper and anchor plate assembly to hang from the brake hose or damage to the hose can occur.

1. Remove and discard the 2 brake caliper anchor plate bolts.
2. Position aside the brake caliper assembly.



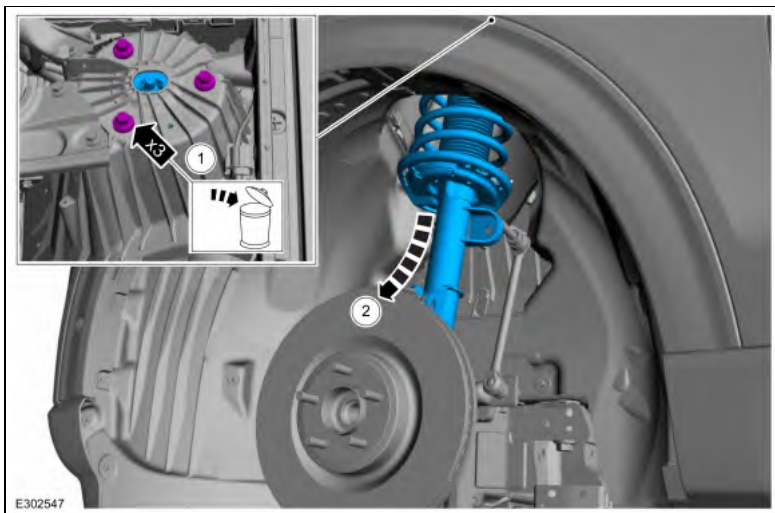
NOTE: Take care not to damage coating on suspension components.

- Separate the wheel knuckle from the front strut and spring assembly.



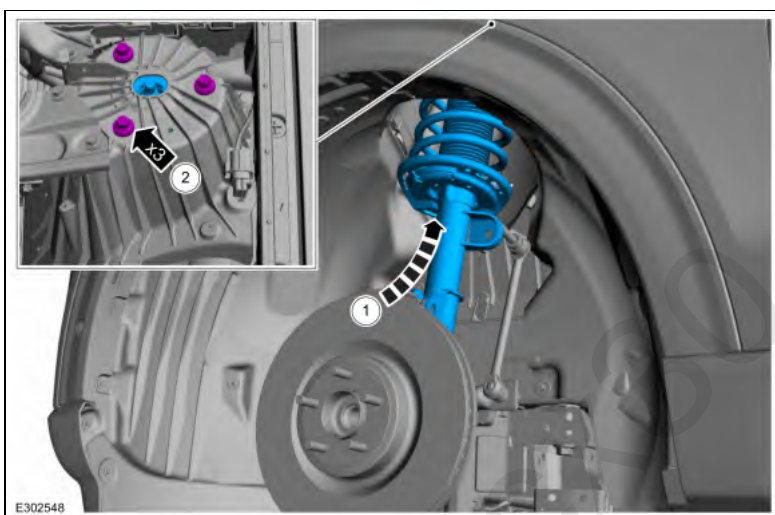
10.

1. Remove and discard the 3 upper strut mount bolts.
2. Remove the front strut and spring assembly.



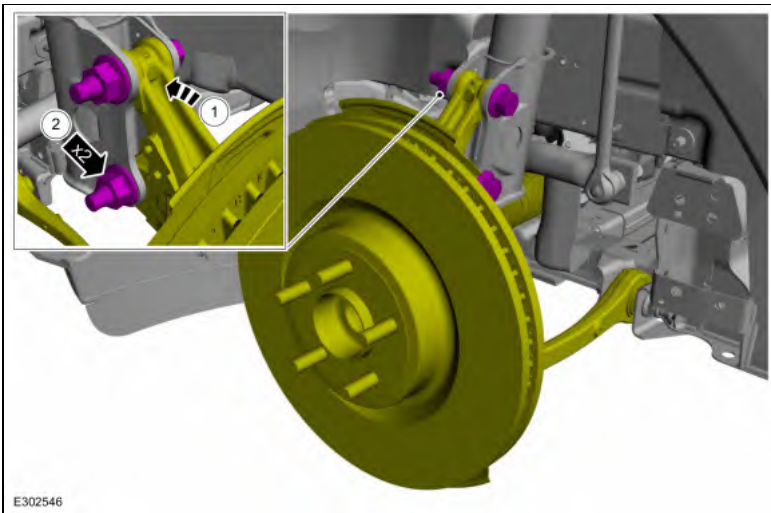
Installation

1.
 1. Position the front strut and spring assembly
 2. Install the new front strut and spring assembly upper bolts.
Torque: 41 lb.ft (55 Nm)

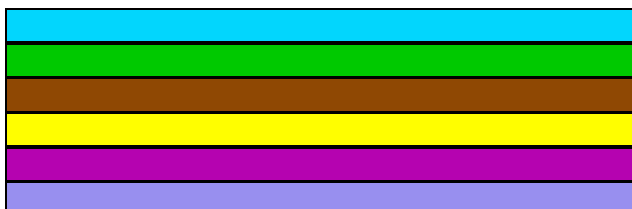
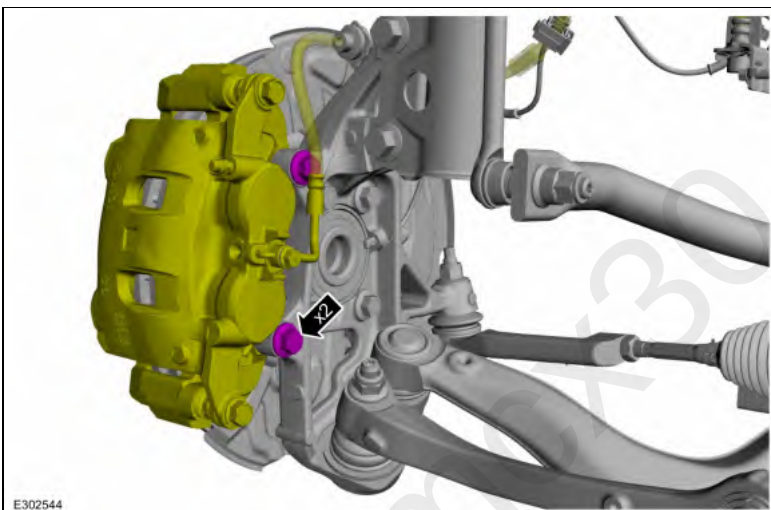


2. Install the cowl panel grille.
Refer to: Cowl Panel Grille (501-02 Front End Body Panels, Removal and Installation).
3.
 1. Attach the wheel knuckle to the front strut and spring assembly.
 2. **NOTE:** *Tighten the nuts until the rotational torque reaches the appropriate specification.*

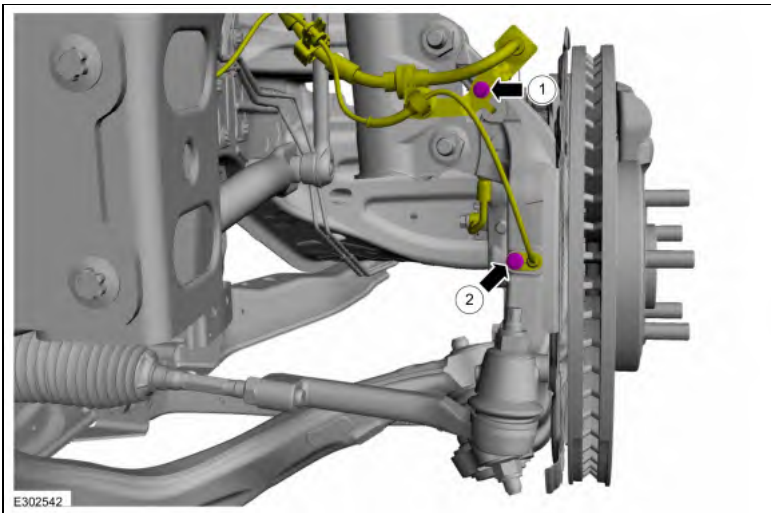
Install the new front strut and spring assembly-to-wheel knuckle bolts without splines and nuts.
Torque: 166 lb.ft (225 Nm)



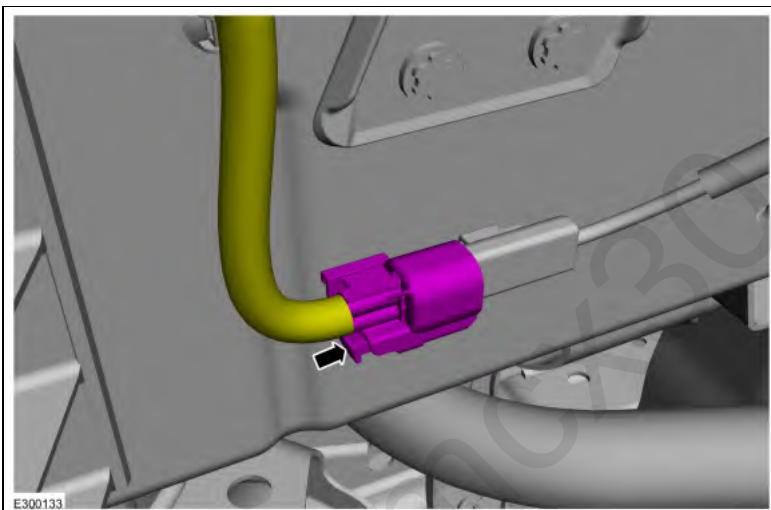
4. Position the brake caliper assembly and install the 2 new brake caliper anchor plate bolts.
Torque: 129 lb.ft (175 Nm)



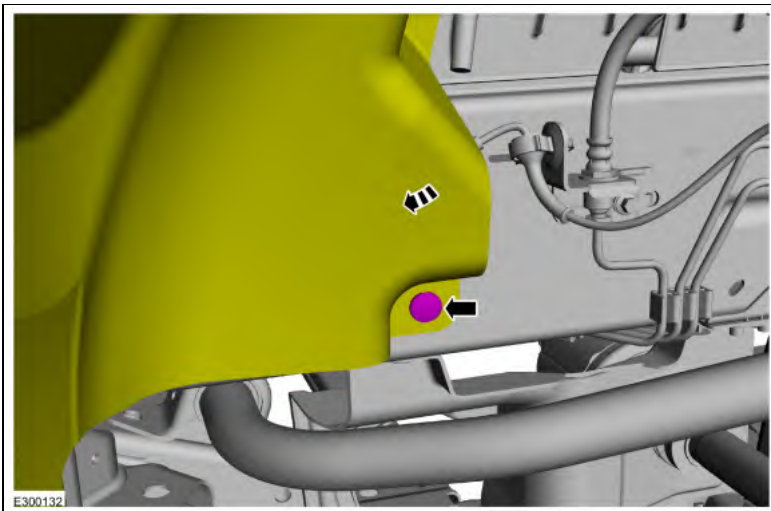
5.
 1. Position the brake hose and install the brake hose bracket bolt.
Torque: 133 lb.in (15 Nm)
 2. Position the wheel speed sensor harness and install the bolt.
Torque: 106 lb.in (12 Nm)



6. Connect the front wheel speed sensor electrical connector.

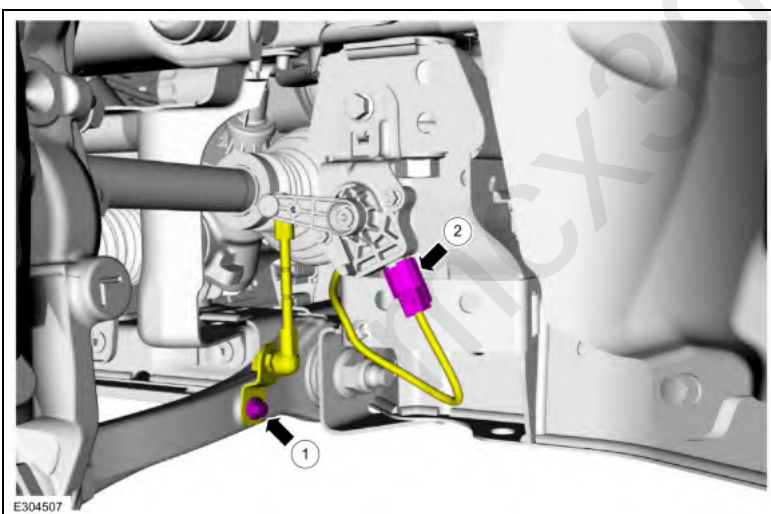


7. Position the fender splash shield and Install the pin-type retainer.



8. **NOTE:** *If equipped.*

1. Install the front ride height sensor arm anchor plate bolt.
Torque: 97 lb.in (11 Nm)
2. Connect the ride height sensor electrical connector.

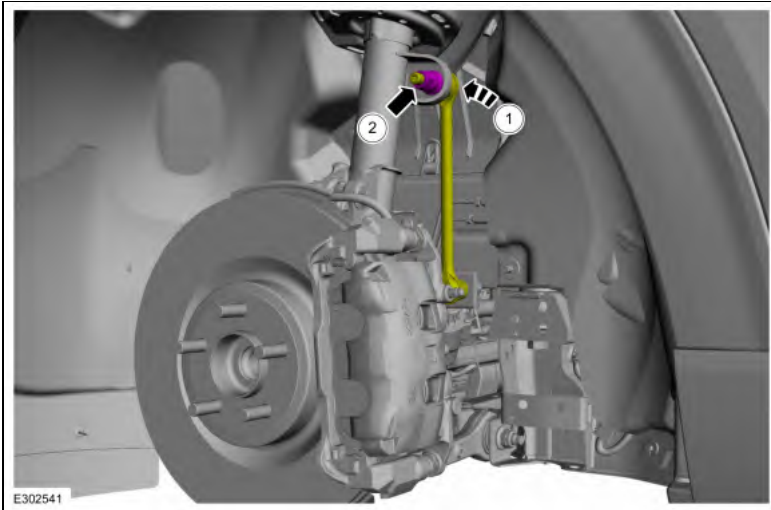


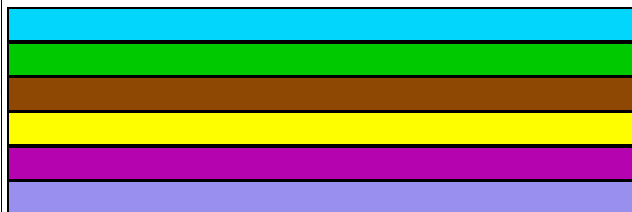
9. **NOTICE:** Do not use power tools to remove or install the stabilizer bar link nuts. Damage to the stabilizer bar link ball joints and boots may occur.

NOTE: *The stabilizer bar links are designed with low friction ball joints that have a low breakaway torque.*

NOTE: *Use the TORX PLUSÁ® holding feature to prevent the ball stud from turning while removing or installing the stabilizer bar link nut. Torx.Á® and TORX PLUSÁ® is a reg. tm of Acument Intellectual Properties, LLC.*

1. Position the front stabilizer bar link.
2. Install the new front stabilizer bar link upper nut.
Torque: 129 lb.ft (175 Nm)





10. Install the wheel and tire.
Refer to: Wheel and Tire (204-04A Wheels and Tires, Removal and Installation).
11. Check and if necessary adjust front camber.
Refer to: Front Camber and Caster Adjustment (204-00 Suspension System - General Information, General Procedures).

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Front Wheel Bearing and Wheel Hub

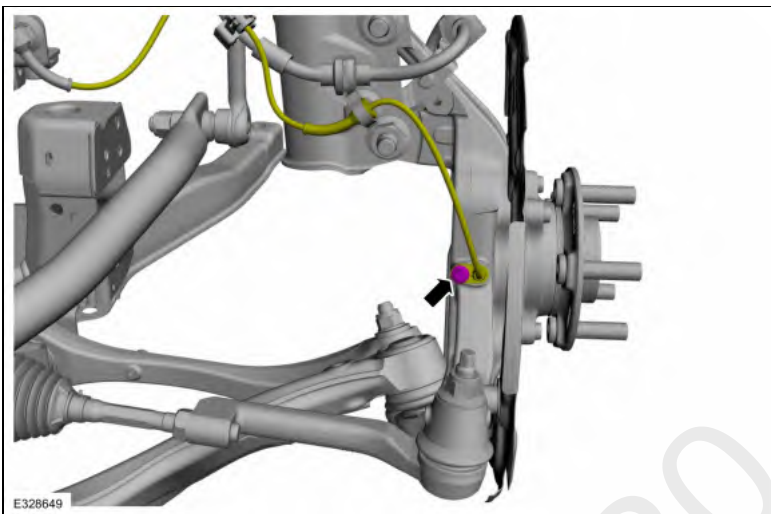
Removal

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.

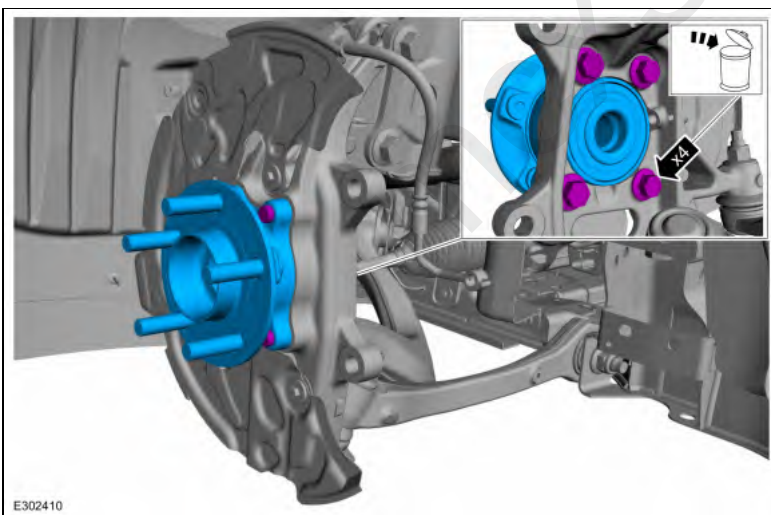
NOTE: Removal steps in this procedure may contain installation details.

1. Remove the brake disc.
Refer to: Brake Disc (206-03 Front Disc Brake, Removal and Installation).
2. **NOTICE:** Make sure that the sensor housing area is clean and free of foreign material before the sensor is removed.

Remove the bolt and position aside the wheel speed sensor.



3. Remove and discard the front wheel bearing and wheel hub bolts and remove the front wheel bearing and wheel hub.

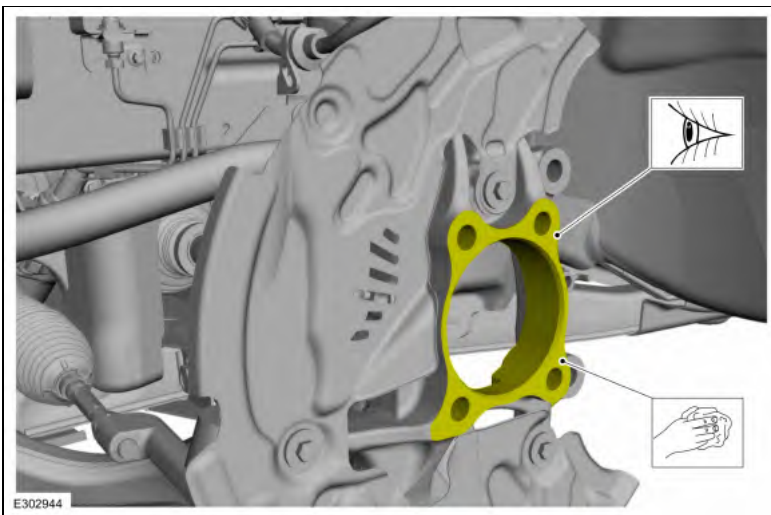


Installation

1. **NOTICE:** The wheel knuckle bore must be clean enough to allow the wheel bearing and wheel hub to seat completely by hand. Do not press or draw the wheel hub and bearing into place or damage to the bearing may occur.

NOTICE: Make sure the wheel hub-to-wheel knuckle mating surfaces are clean and free of any adhesive. Failure to clean the adhesive from both surfaces may cause bearing damage.

Clean and inspect the wheel hub-to-wheel knuckle mating surfaces.



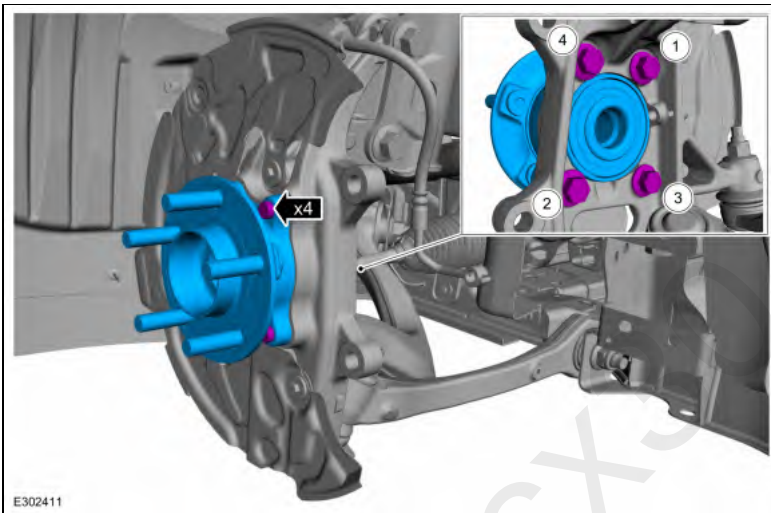
2. **NOTE:** *Tighten the bolts in a cross pattern.*

Position the front wheel bearing and wheel hub and install the 4 new front wheel bearing and wheel hub bolts.

Torque:

Stage 1: 66 lb.ft (90 Nm)

Stage 2: 45°



3. **NOTICE:** Before installing a wheel speed sensor, inspect the sensor housing to make sure the sensor cavity is clean and free of foreign material or damage to the sensor may occur.

Position the wheel speed sensor and tighten the wheel speed sensor bolt.

Torque: 106 lb.in (12 Nm)

