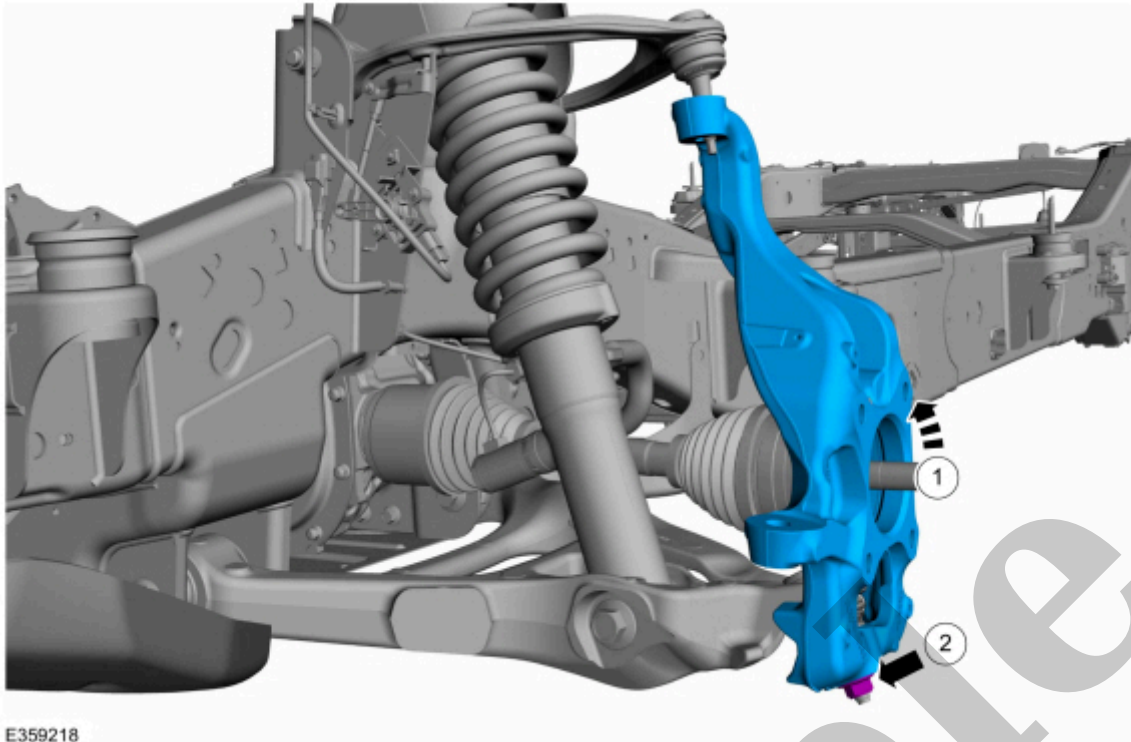


Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

2009 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

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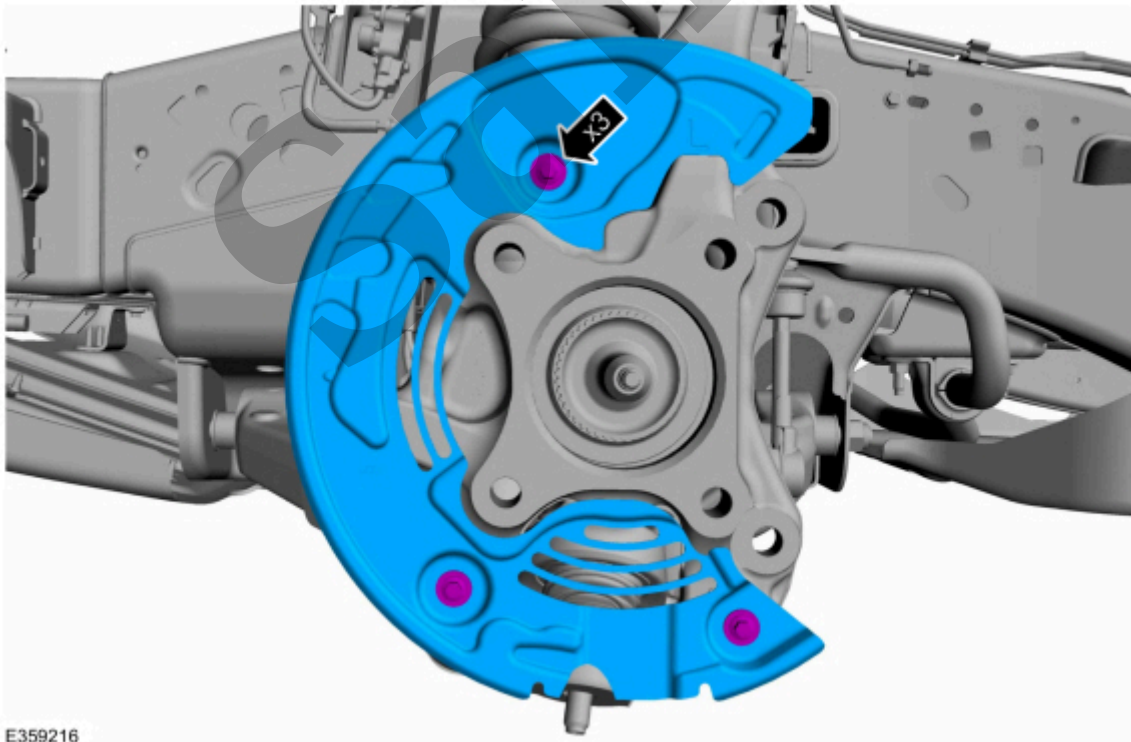


E359218

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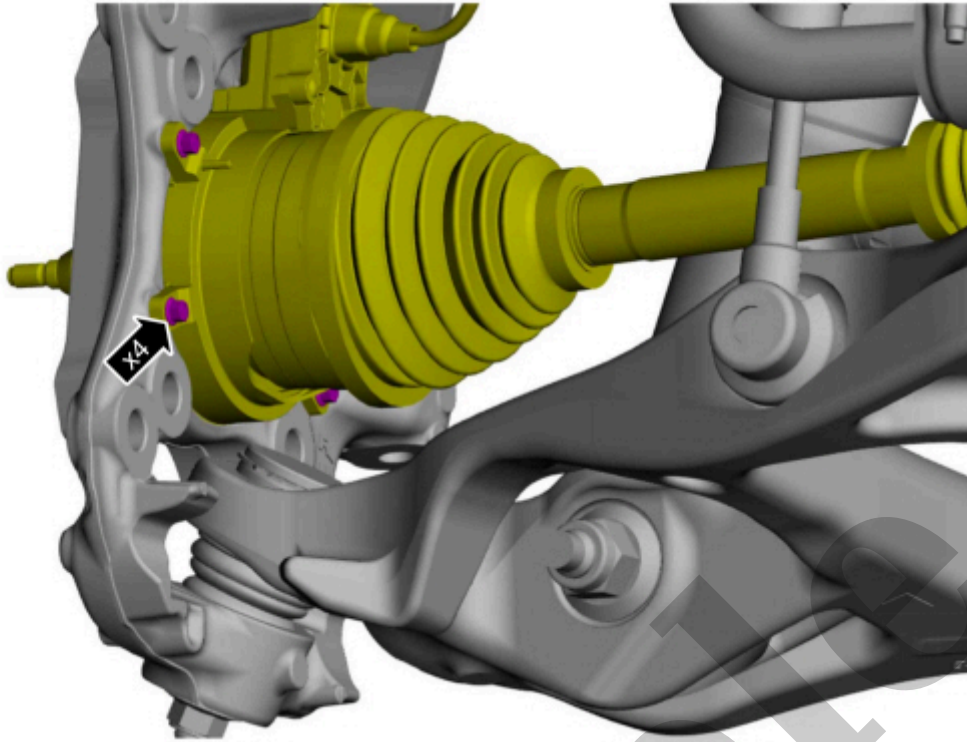
2. If removed, install the brake disc shield and the 3 brake disc shield bolts.

Torque : 133 lb.in (15 Nm)



E359216

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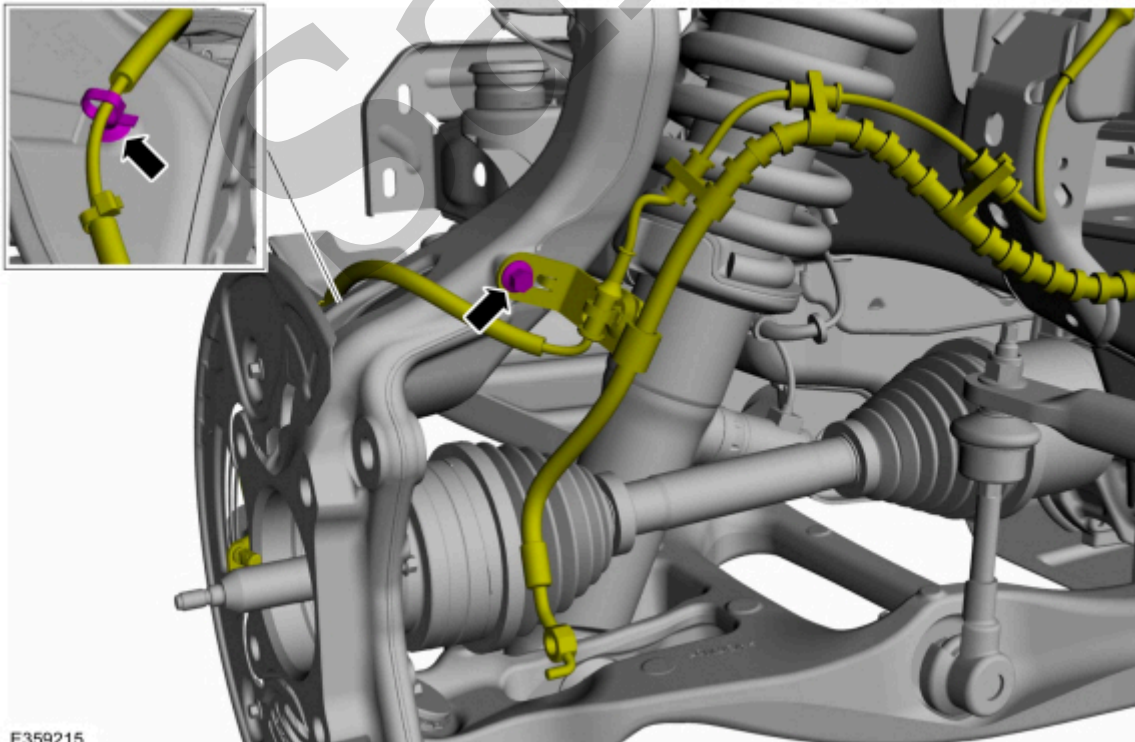


E362736

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5.
 - Position the wheel speed sensor wire and clip the wheel speed sensor wire retainer.
 - Position the brake hose bracket and install the brake hose bracket bolt.

Torque : 22 lb.ft (30 Nm)



E359215



Wheel Knuckle

204-01B Front Suspension - LHD 4WD	2022 F-150
Removal and Installation	Procedure revision date: 11/5/2020

Wheel Knuckle

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.

1. Remove the front wheel bearing and wheel hub.

Refer to: [Front Wheel Bearing and Wheel Hub - Vehicles With: Integrated Wheel End \(IWE\)](#)(204-01B Front Suspension - LHD 4WD, Removal and Installation).

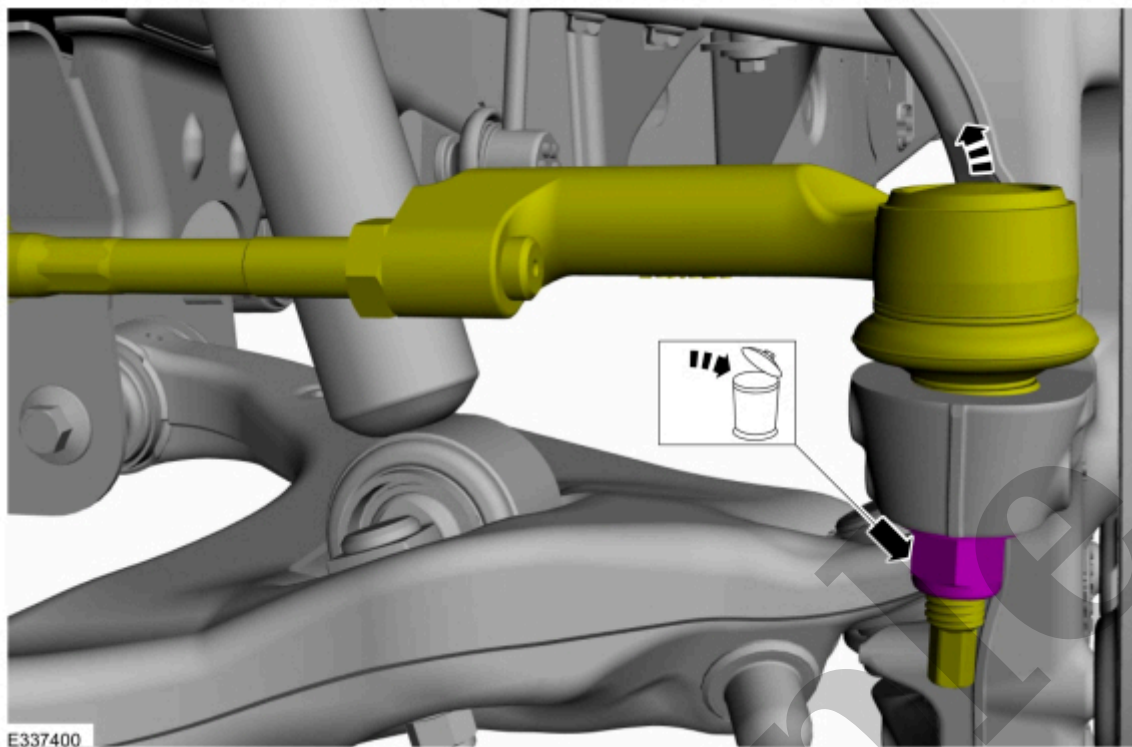
2. **NOTICE**

Do not use power tools to remove the stabilizer bar link nut. Damage to the stabilizer bar link ball joint or boot may occur.

NOTE

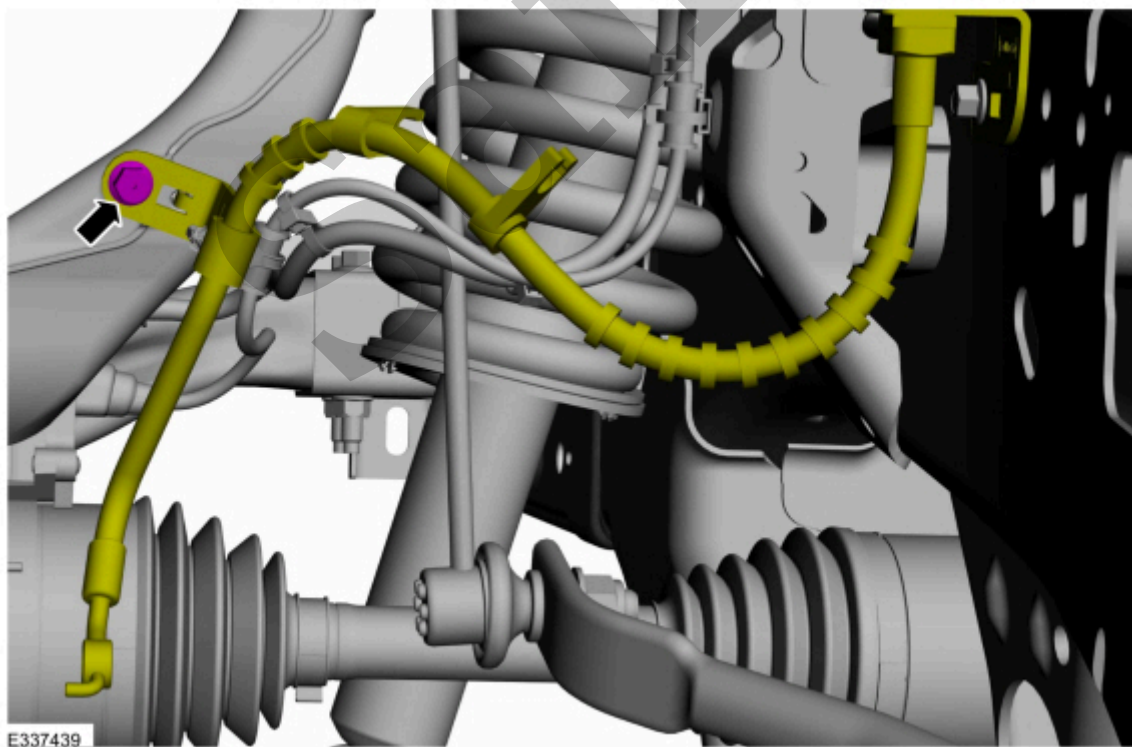
The stabilizer bar links are designed with low friction ball joints that have a low breakaway torque.

Use the General Equipment: Tie Rod End Remover



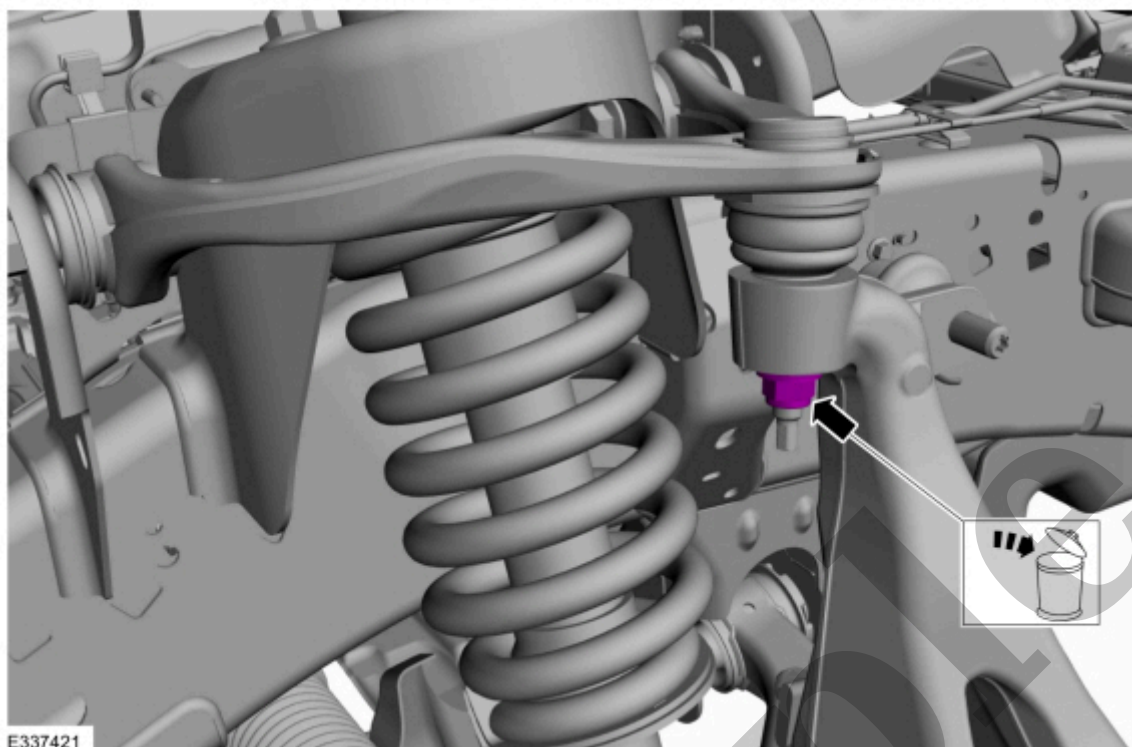
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5. Remove the brake hose bracket bolt and position the brake hose bracket aside.



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8. Remove and discard the upper ball joint nut.



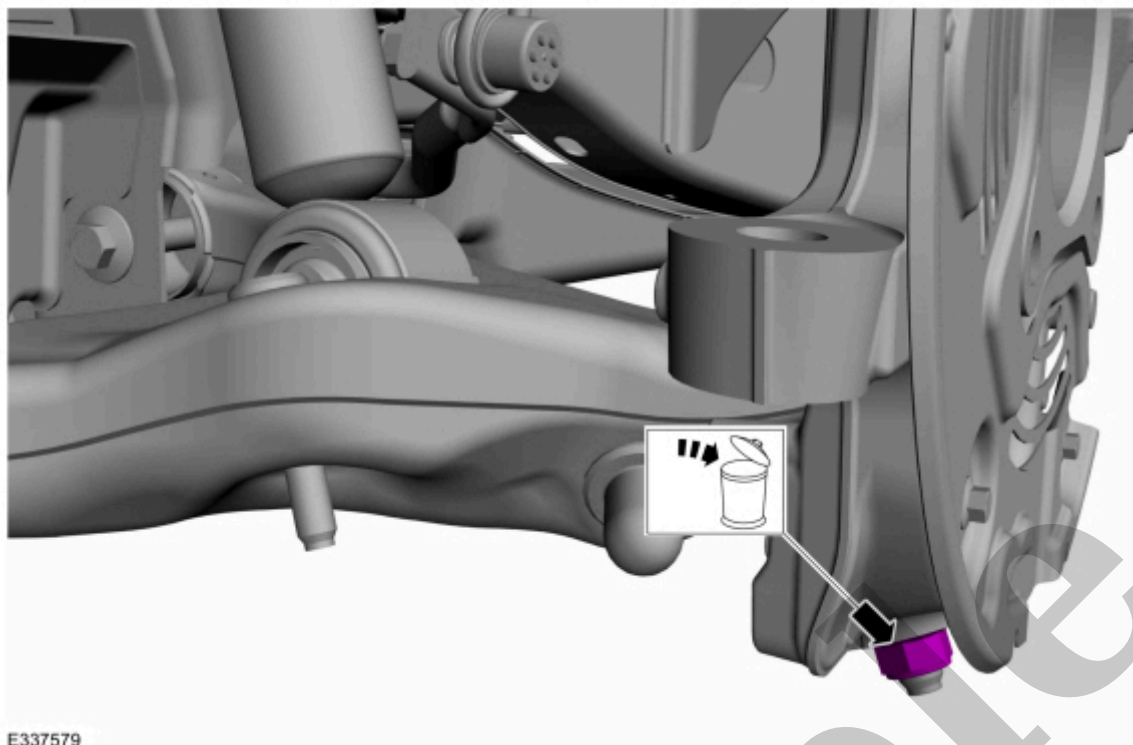
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9. **NOTE**

Be sure not to damage the ball joint boot when installing the Ball Joint Separator.

Separate the upper ball joint from the wheel knuckle.

Use Special Service Tool : 204-592 Separator, Lower Arm Ball Joint

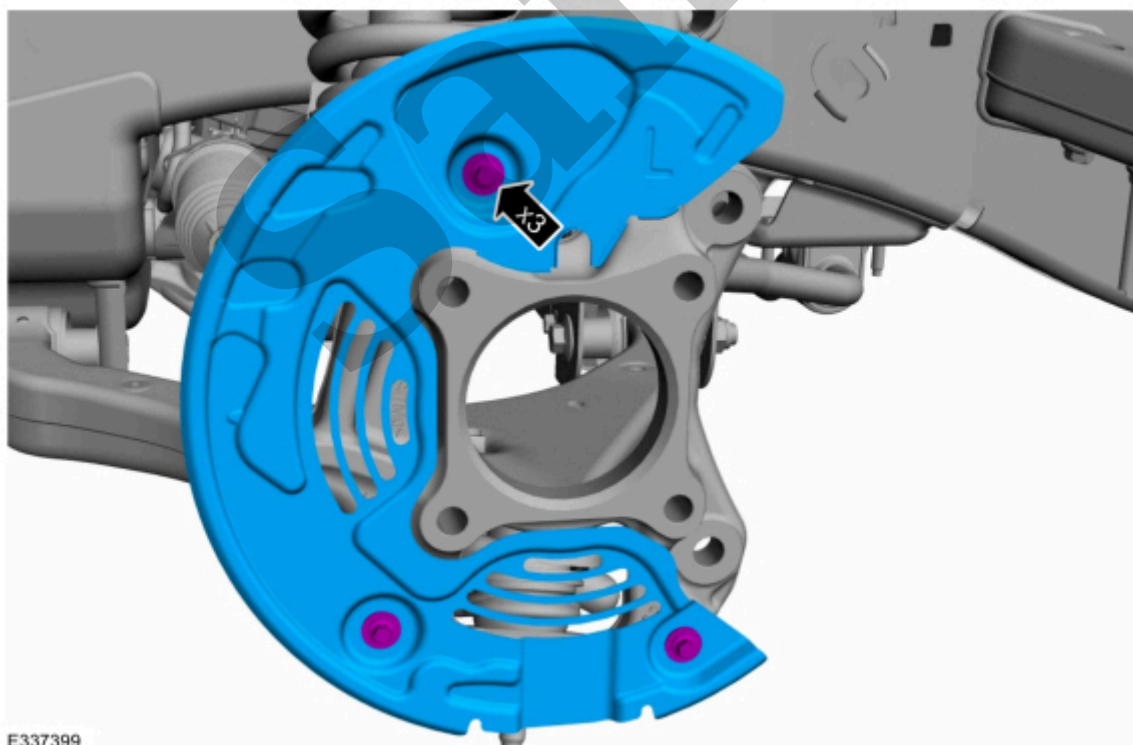


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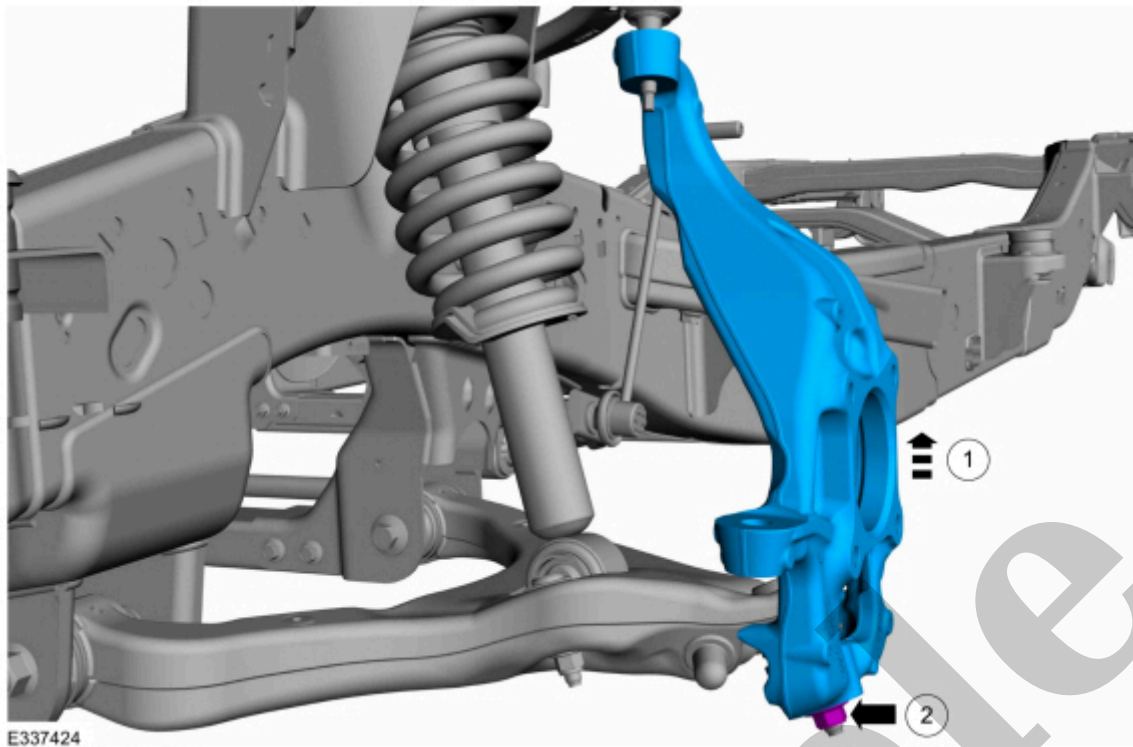
12. If necessary.

Remove the 3 brake disc shield bolts and the brake disc shield.



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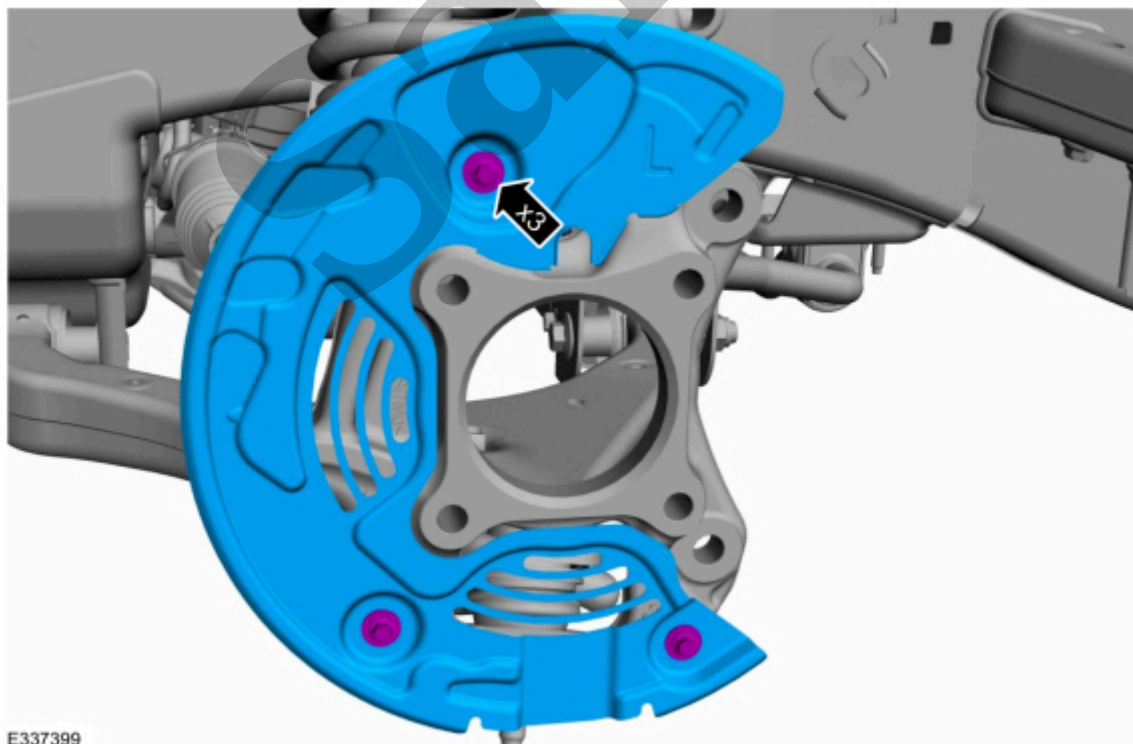


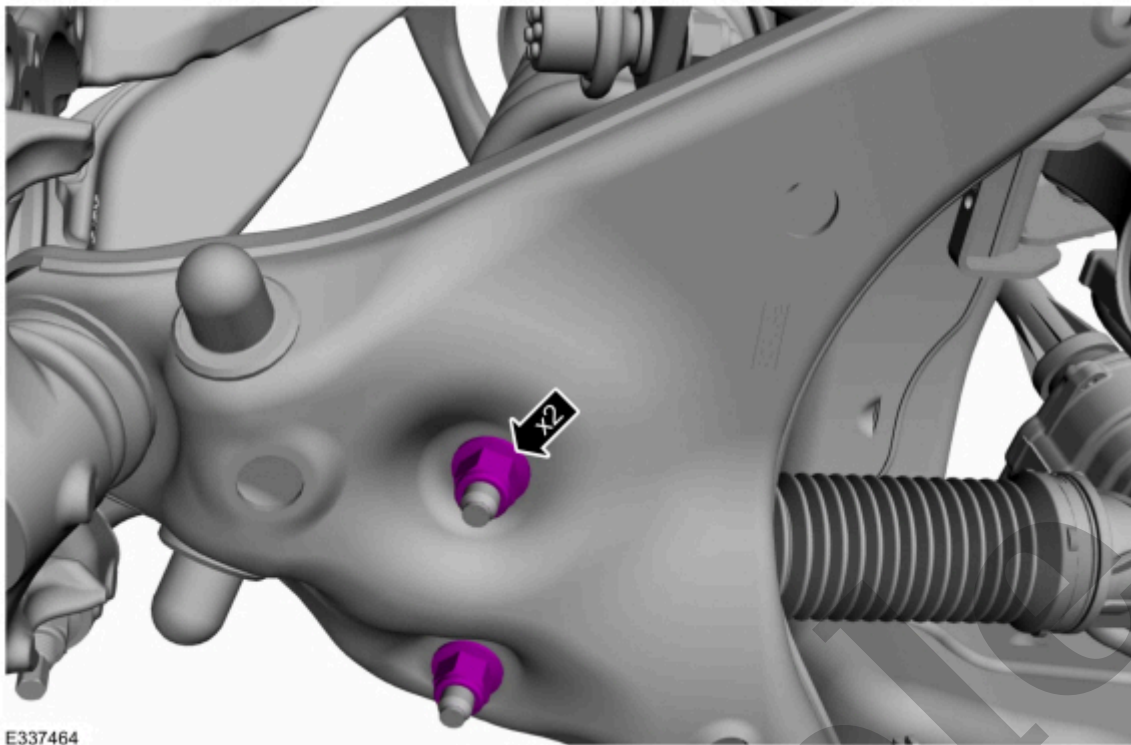
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2. If removed.

Install the brake disc shield and the 3 brake disc shield bolts.

Torque : 133 lb.in (15 Nm)



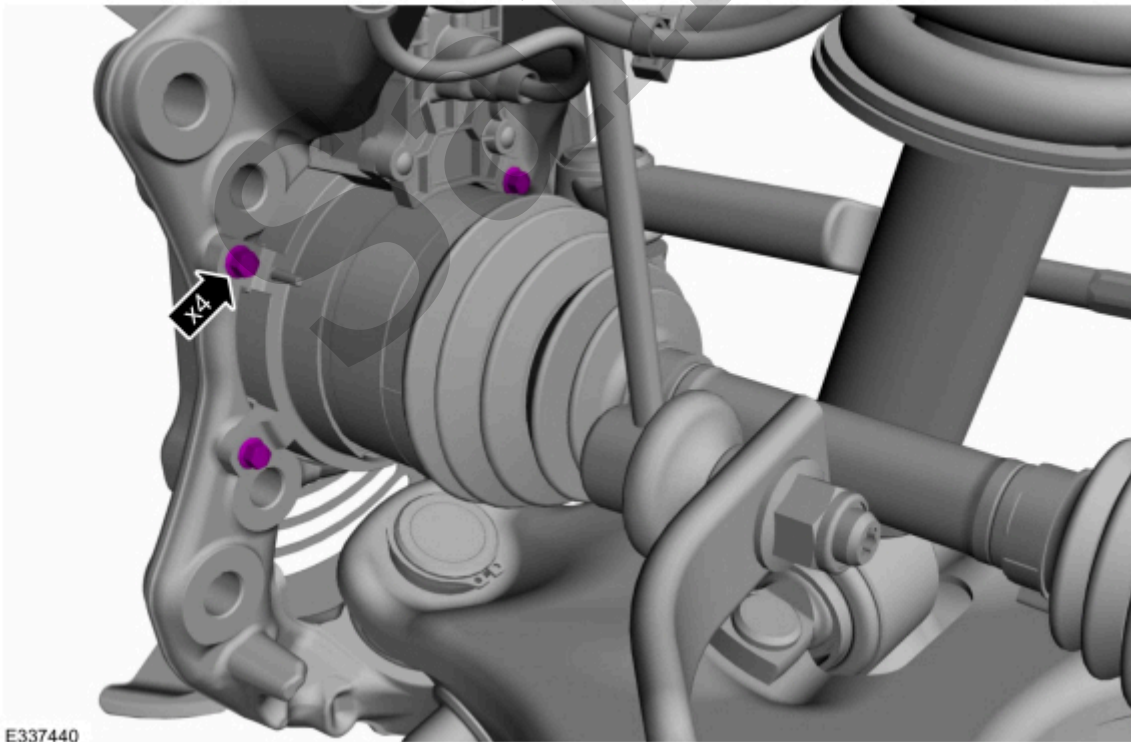


E337464

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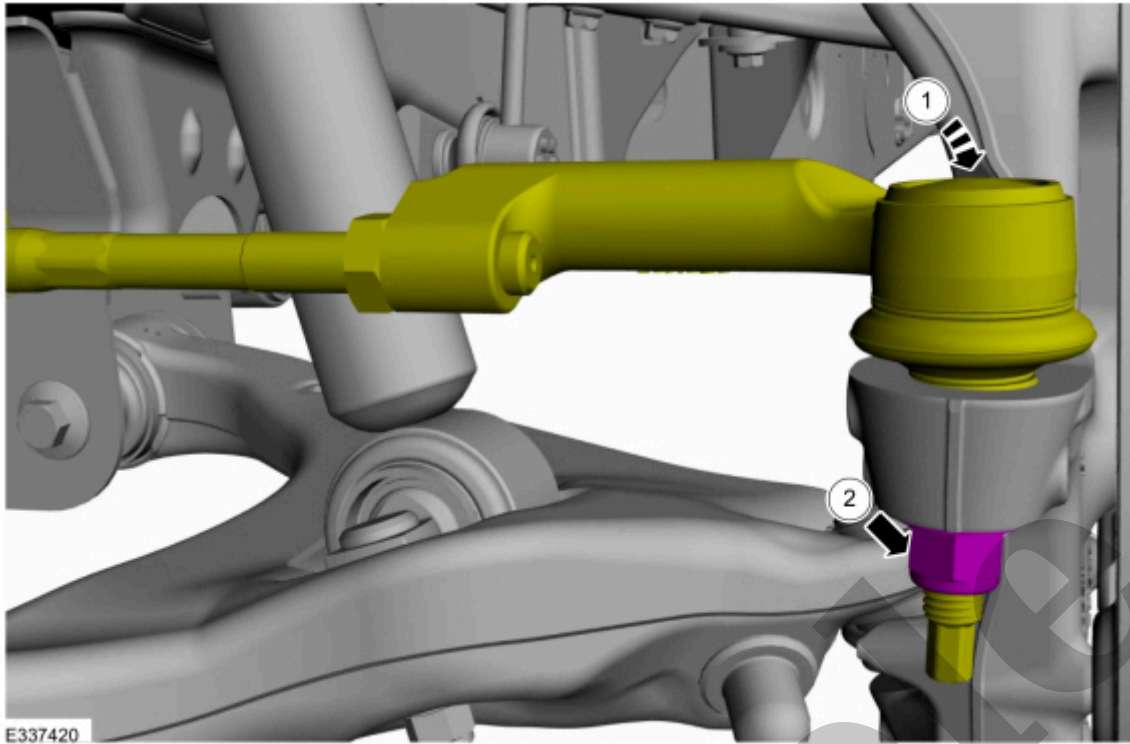
5. Install the IWE (integrated wheel end) bolts.

Torque : 106 lb.in (12 Nm)



E337440

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[Click here to learn about symbols, color coding, and icons used in this manual.](#)

8. Connect the battery ground cable.

Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).

9. **NOTICE**

Do not use power tools to remove the stabilizer bar link nut. Damage to the stabilizer bar link ball joint or boot may occur.

NOTE

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

NOTE

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

Position the front stabilizer bar link and install the new front stabilizer bar link upper nut.