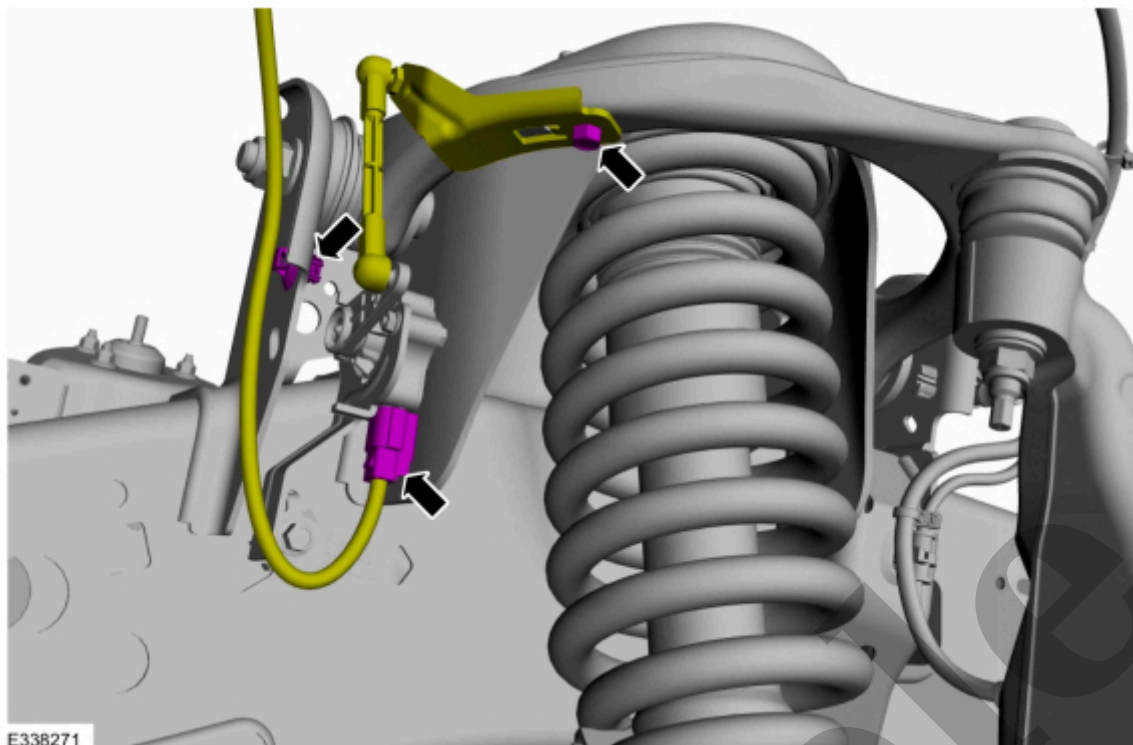


# Your Ultimate Source for OEM Repair Manuals

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.

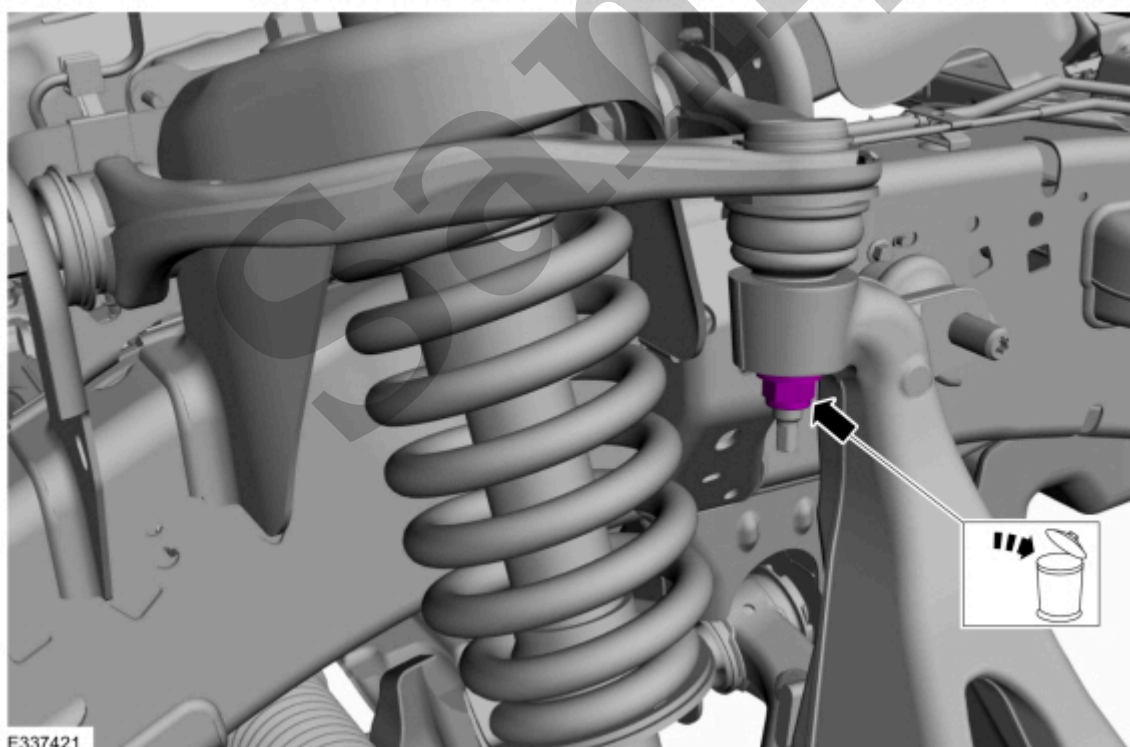
## 2010 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

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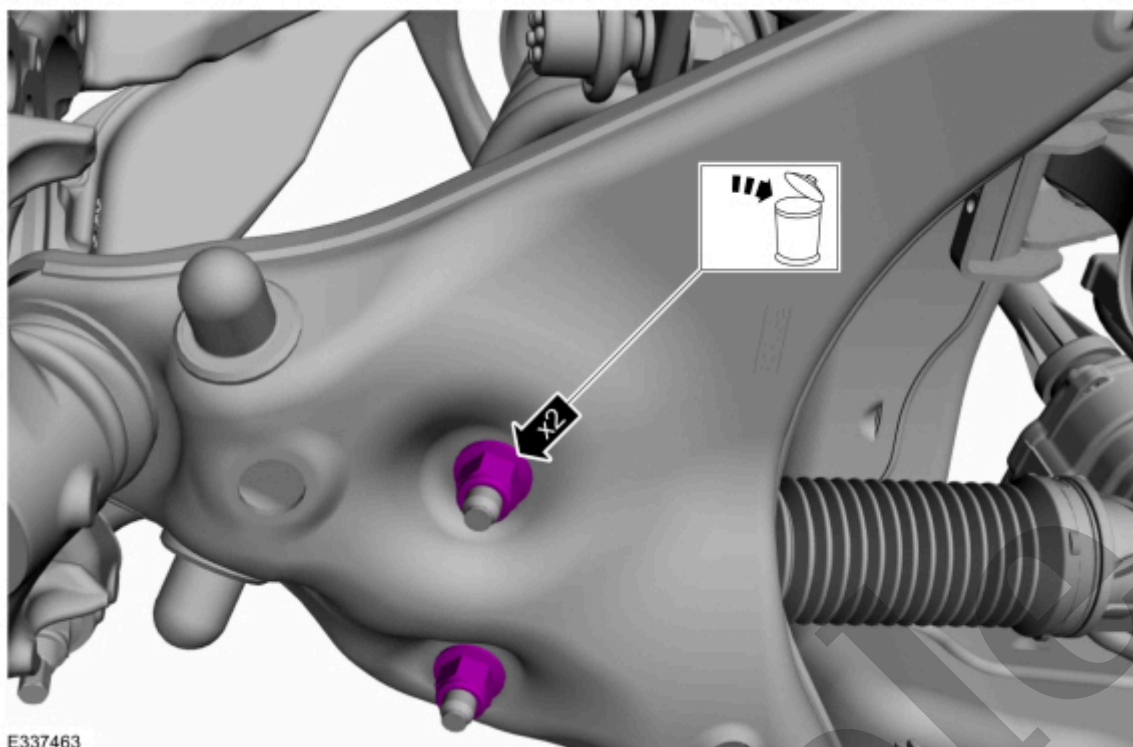


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6. Remove and discard the upper ball joint nut.

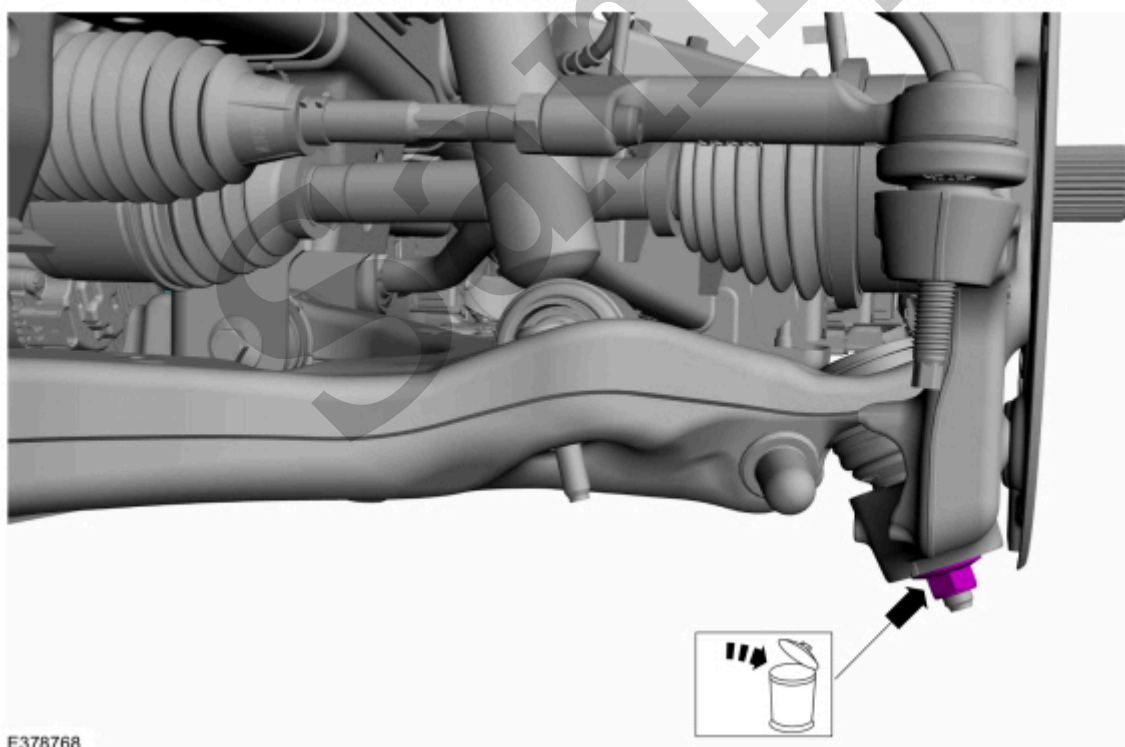


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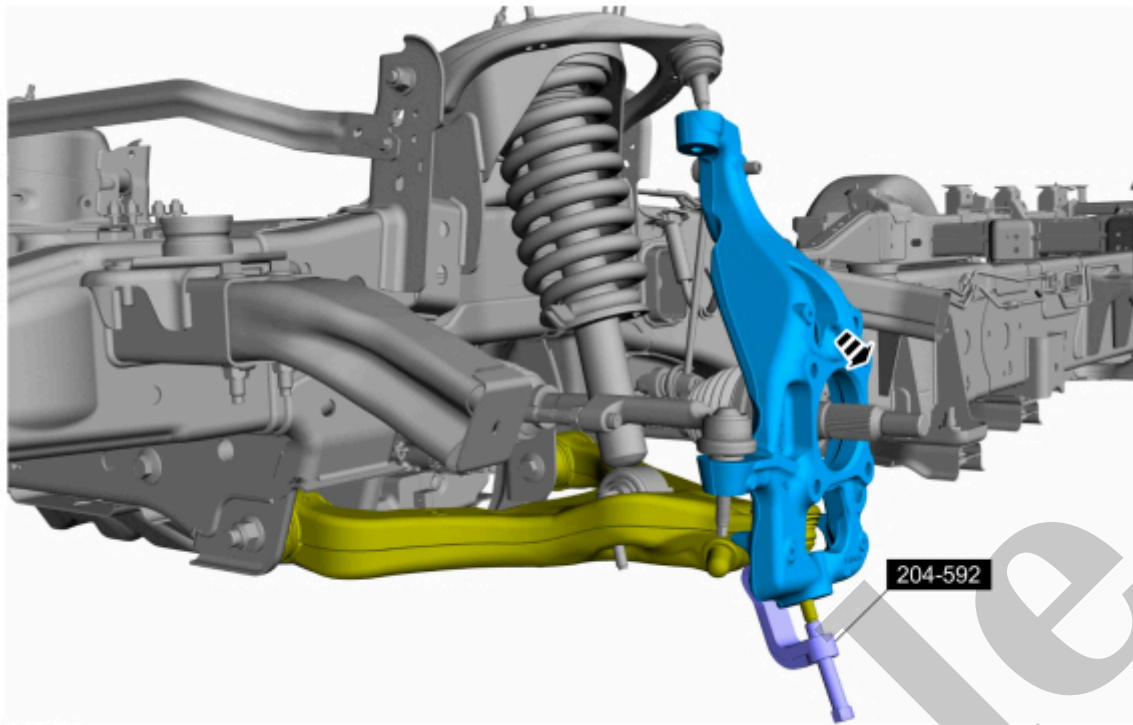
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9. Remove and discard the lower ball joint nut.



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10. If necessary.



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### Installation

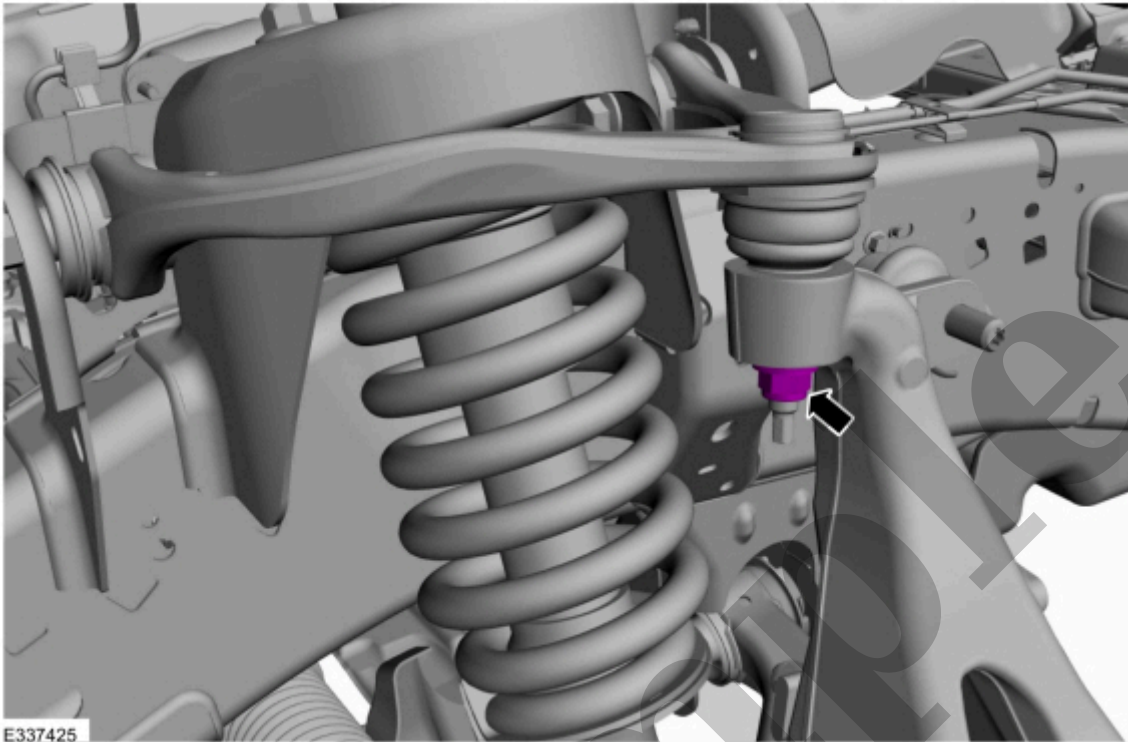
1. Install the wheel knuckle.
2. Install the new lower ball joint nut.

***Torque*** : 98 lb.ft (133 Nm)

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3. Install the new upper ball joint nut.

**Torque** : 46 lb.ft (63 Nm)



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#### 4. NOTICE

The front suspension height sensor must be disconnected from the upper control arm prior to servicing suspension components or damage to the suspension height sensor and/or the vehicle dynamic suspension system may occur. The sensor will need to be recalibrated after reassembly.

If removed.

- Position the height sensor and install the height sensor bracket bolt.

**Torque** : 177 lb.in (20 Nm)

- Connect the height sensor electrical connector and harness retainer.

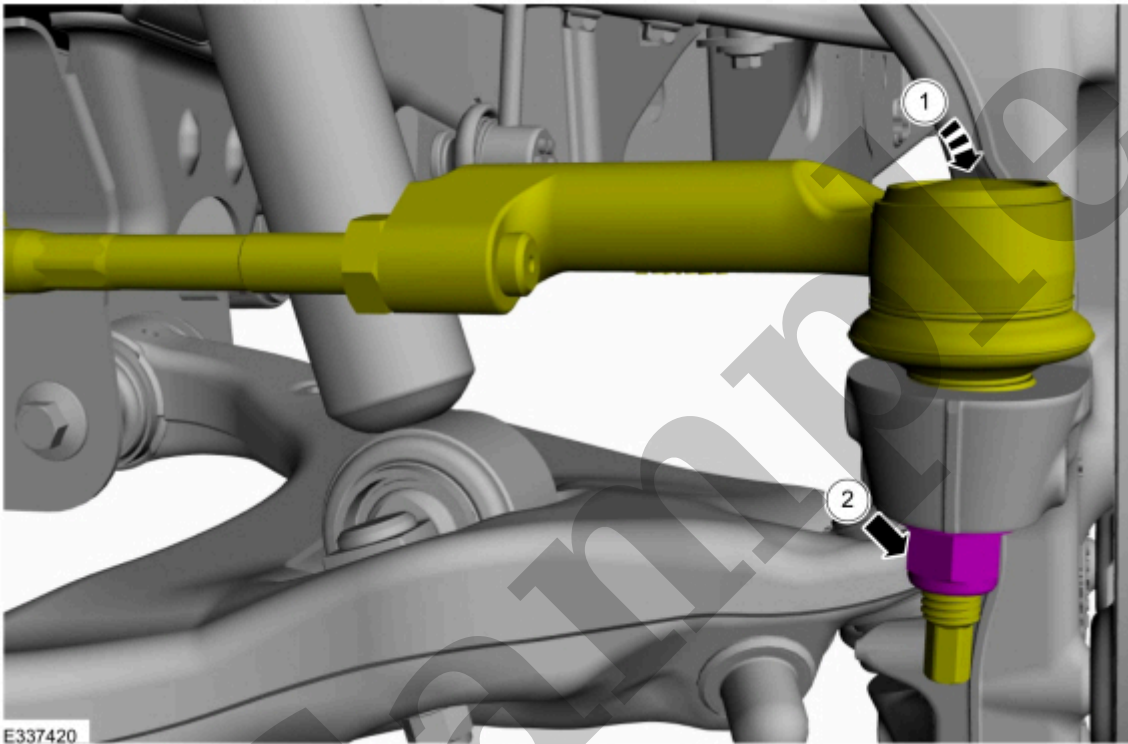
6. 1. Connect the tie rod end to the wheel knuckle.

2. **NOTE**

Use the hex-holding feature to prevent the stud from turning while installing the nut.

Install the new tie rod end nut.

**Torque** : 66 lb.ft (90 Nm)



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7. Connect the battery ground cable.

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

8. **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**

Calibrate the suspension system. Connect the scan tool and carry out the Ride Height Calibration routine.  
Follow the scan tool directions.

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Sample

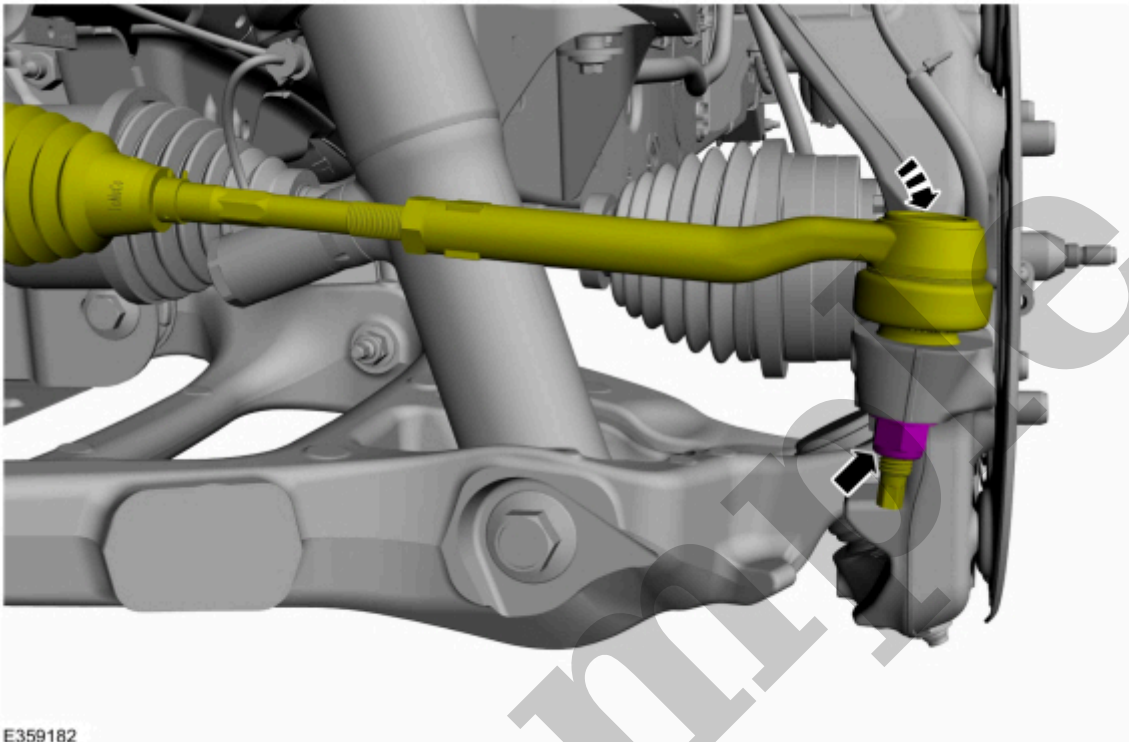


## NOTE

Use the hex-holding feature to prevent the component from turning.

Remove and discard the tie rod end nut and separate the tie rod end from the wheel knuckle.

Use the General Equipment: Tie Rod End Remover



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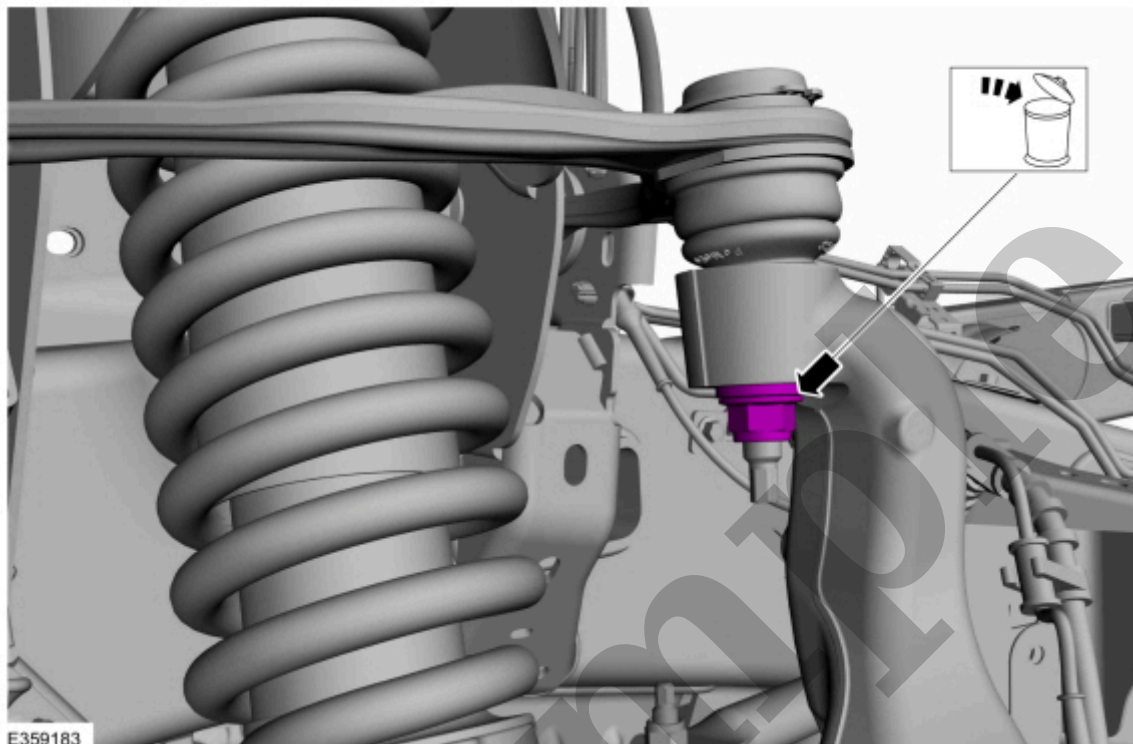
3.
  - Unclip the wheel speed sensor wire retainer and position aside the wheel speed sensor wire.
  - Remove the brake hose bracket bolt and position the brake hose bracket aside.



5. **NOTE**

Use the hex-holding feature to prevent the component from turning.

Remove and discard the upper ball joint nut.



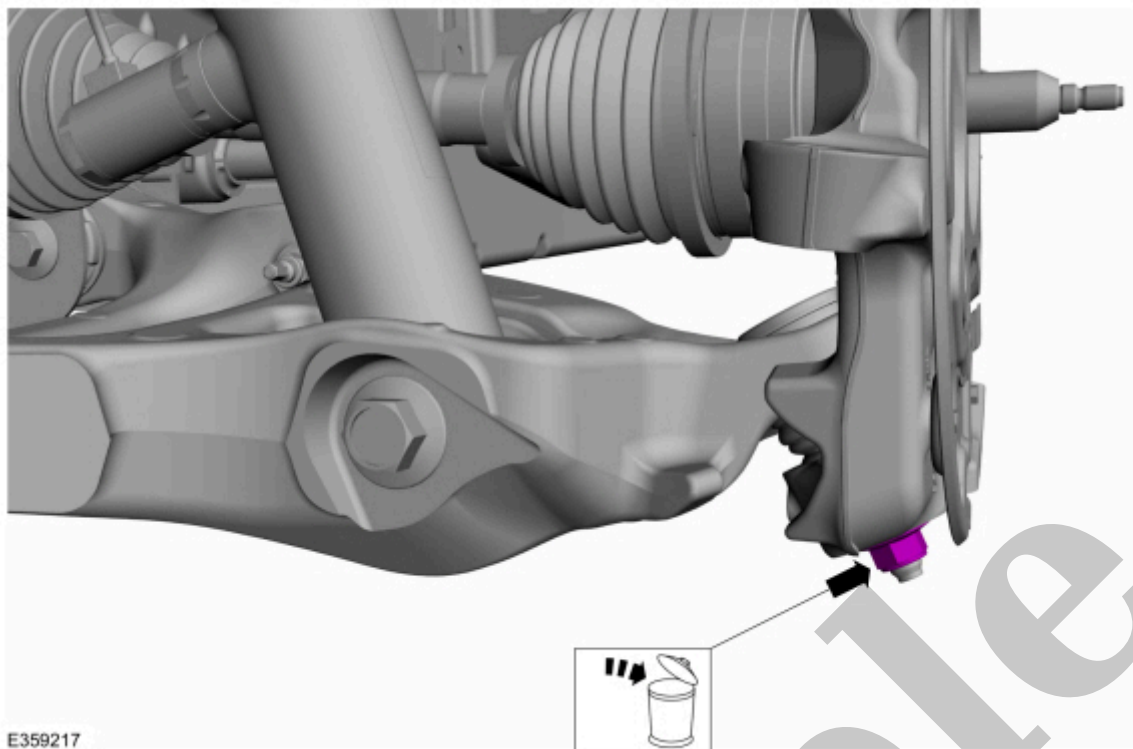
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6. **NOTE**

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

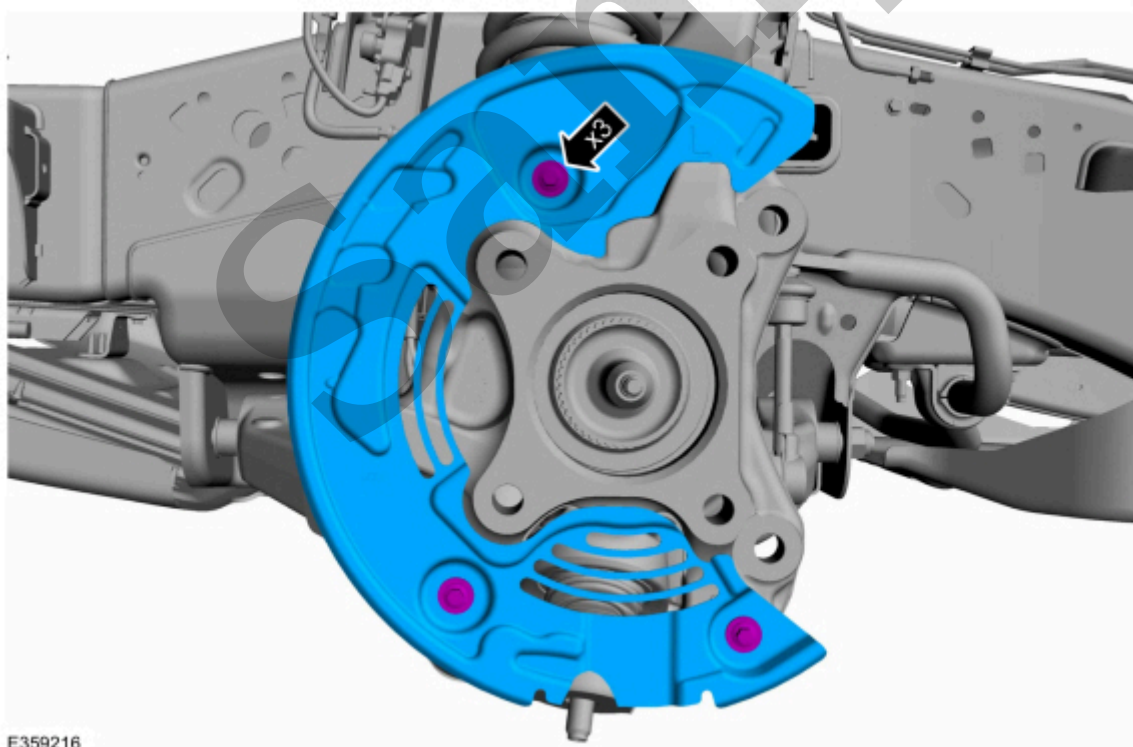
Separate the upper ball joint from the wheel knuckle.

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



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8. If necessary, remove the 3 brake disc shield bolts and the brake disc shield.



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