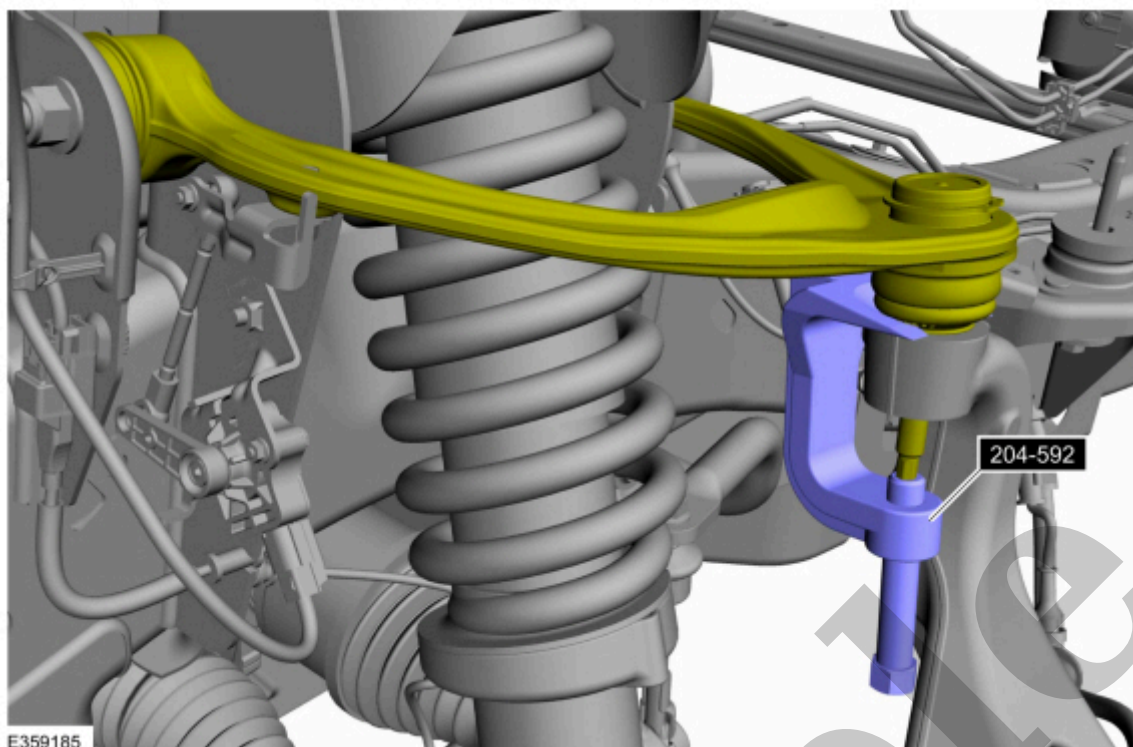


Your Ultimate Source for OEM Repair Manuals

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.

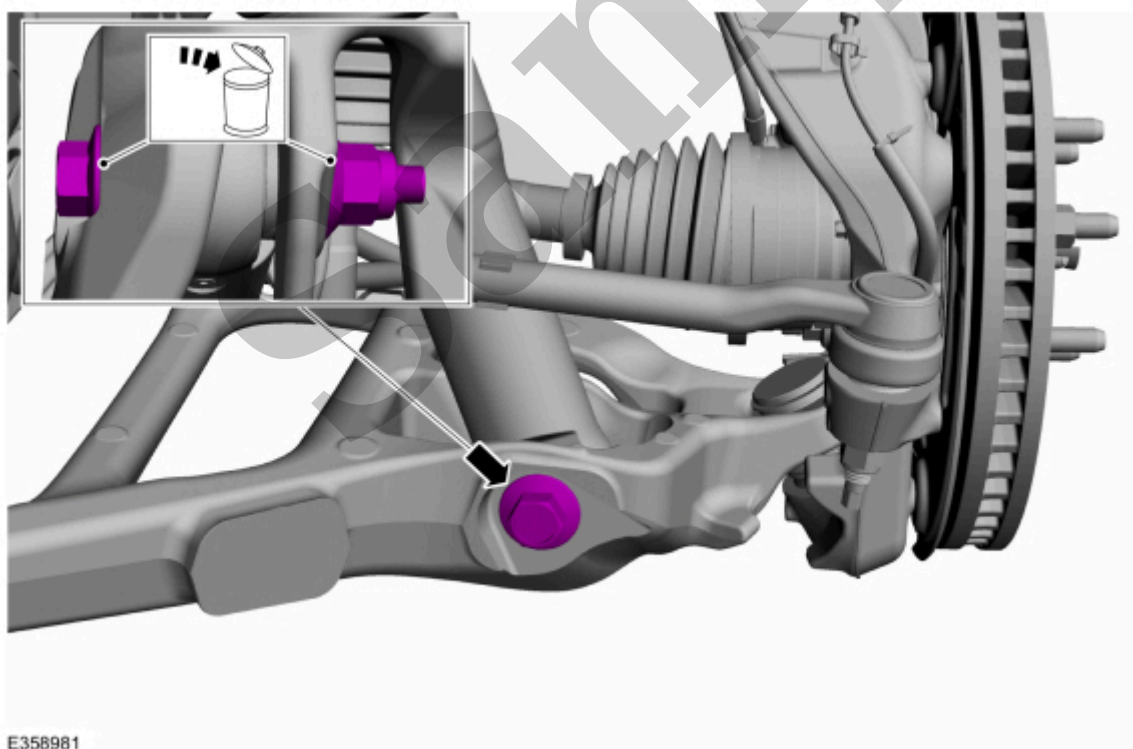
2007 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

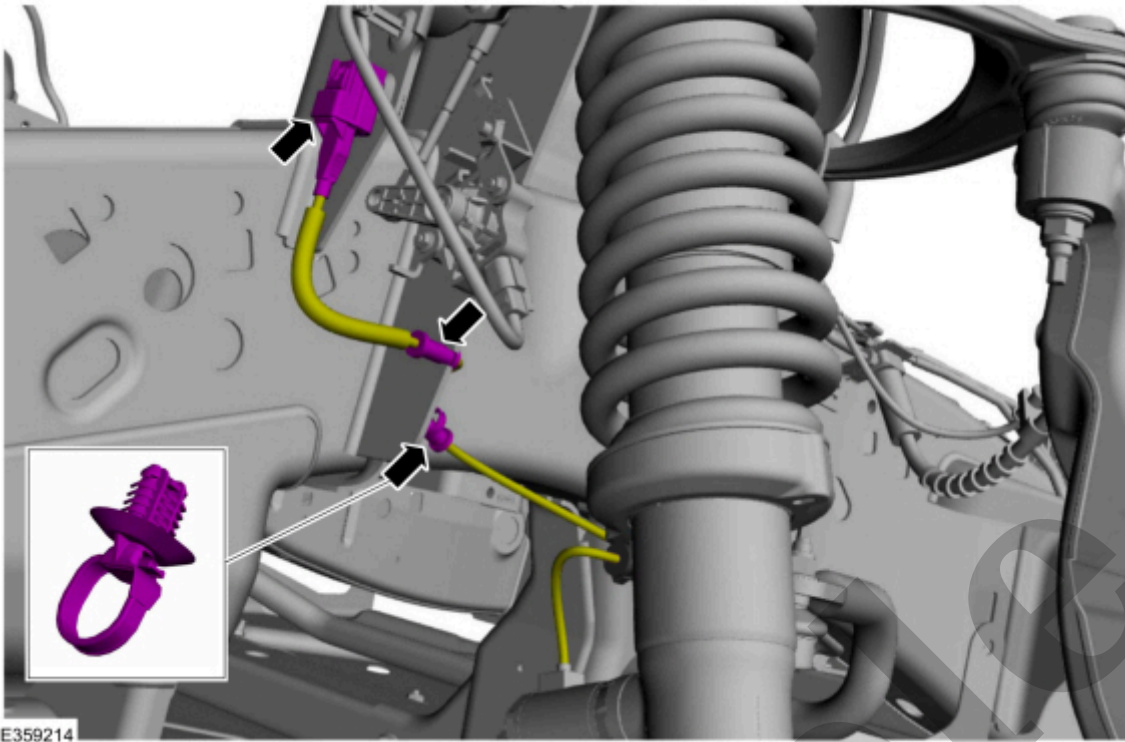


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

7. Remove and discard the lower shock absorber nut and bolt.



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



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

10. **NOTE**

Take care not to damage coating on suspension components.

1. Lower the lower arm and wheel knuckle assembly.
2. Remove the shock absorber and spring assembly.

3. **NOTICE**

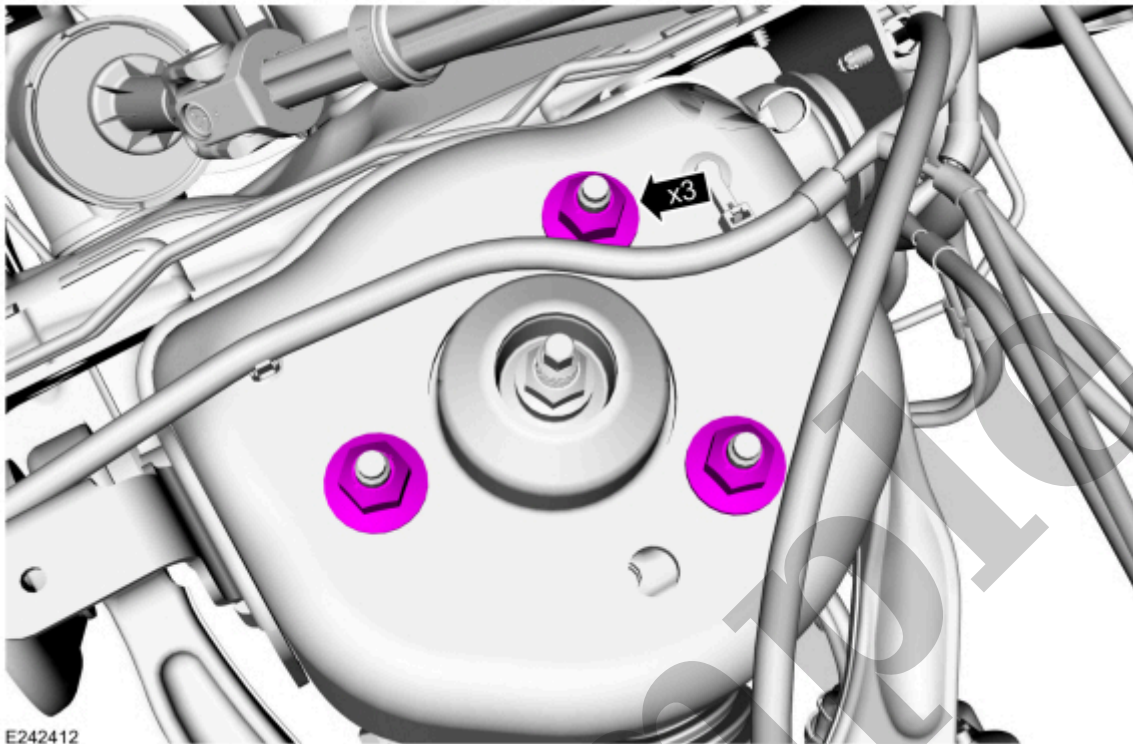
Never allow the knuckle to hang from the upper and lower control arms or damage to the ball joints can occur.

Support the wheel knuckle assembly using mechanic's wire.

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2. Install the new shock absorber and spring assembly upper nuts.

Torque : 52 lb.ft (70 Nm)



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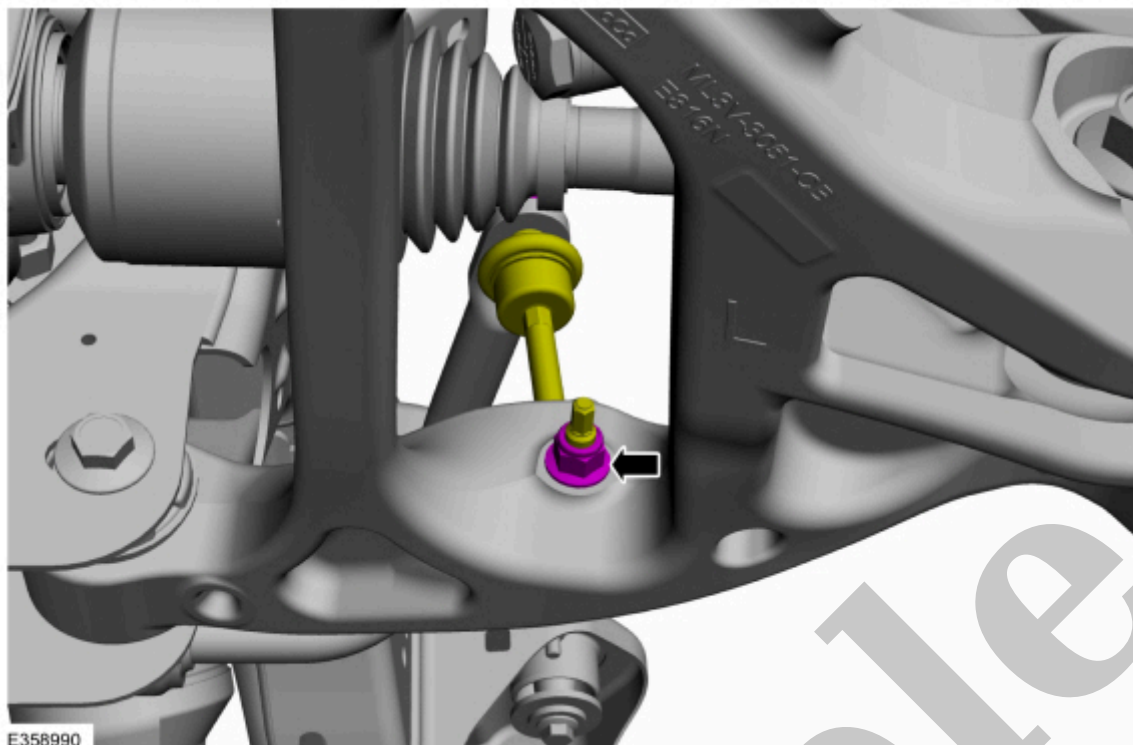
3. NOTICE

Do not tighten the lower shock nut and bolt until the installation procedure is complete and the weight of the vehicle is resting on the wheel and tire assemblies or incorrect clamp load and bushing damage may occur.

NOTE

Only tighten the nut and bolt finger tight at this stage.

Install the new lower shock absorber nut and bolt.



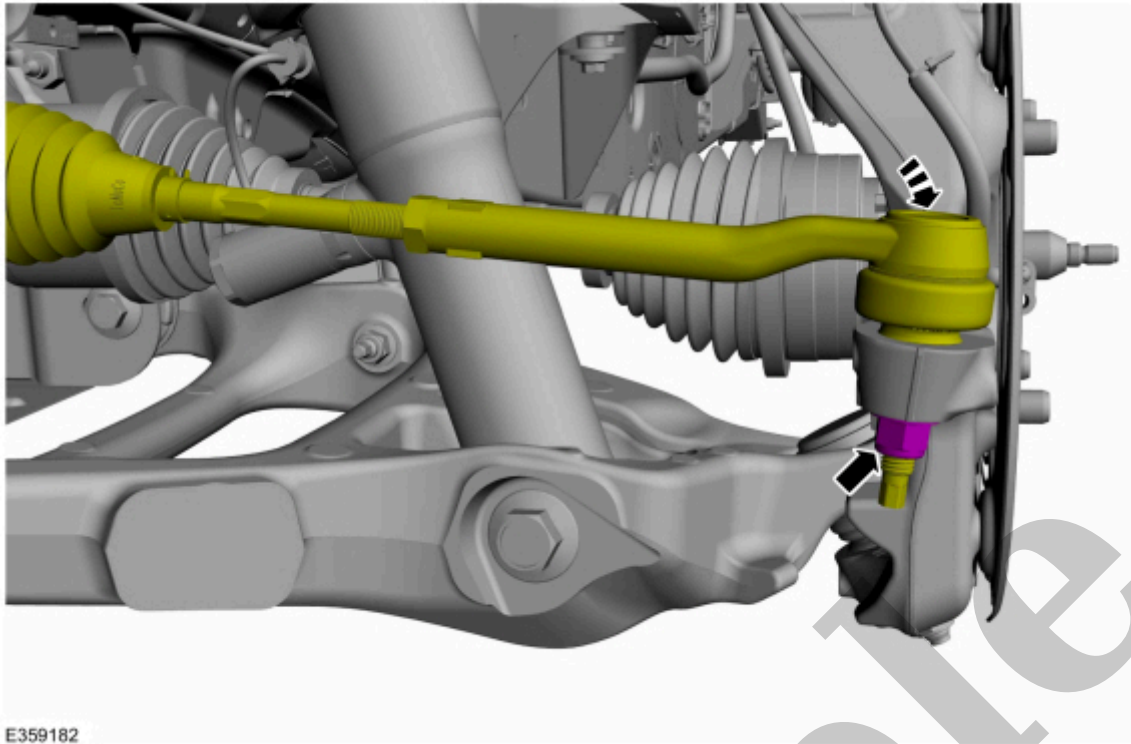
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5. **NOTE**

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

Install the new upper ball joint nut.

Torque : 46 lb.ft (63 Nm)



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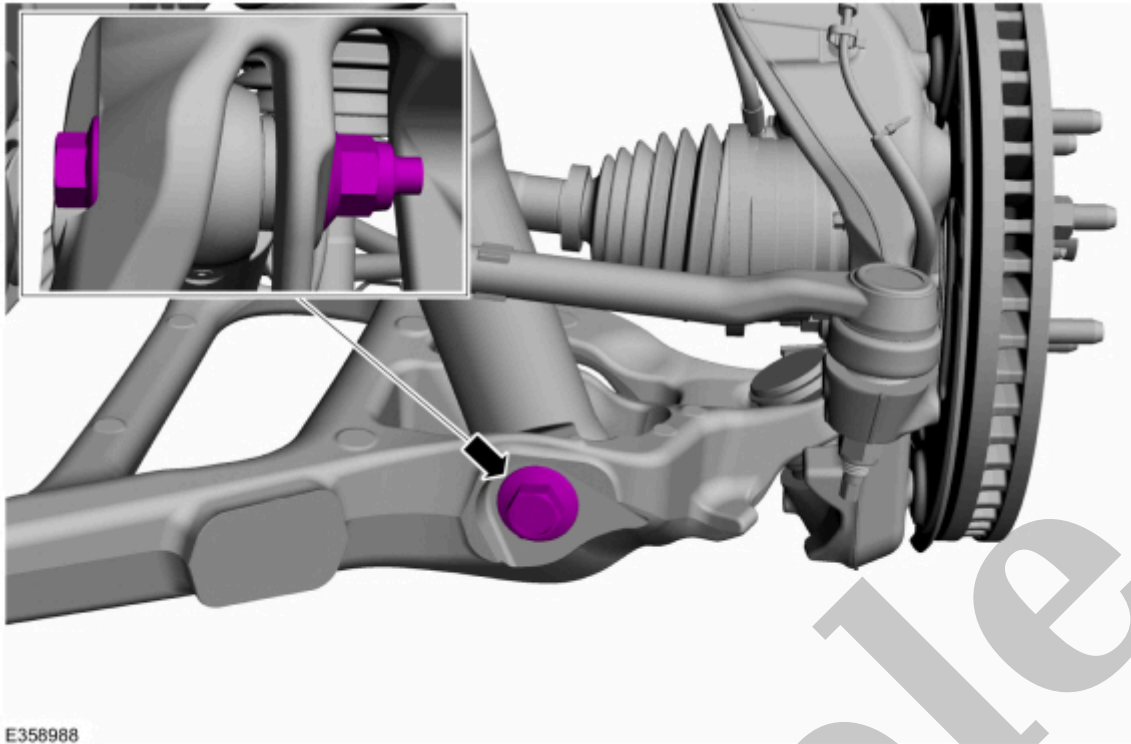
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7. Install the front wheel bearing and wheel hub.

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

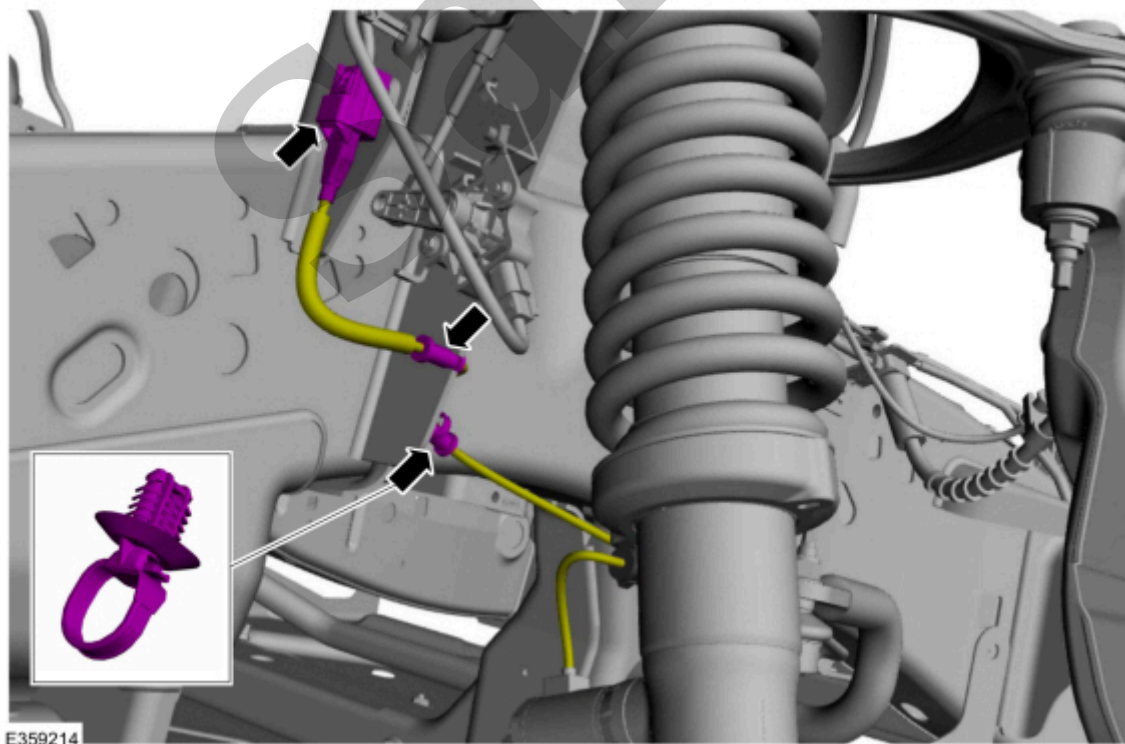
8. Use a suitable jack to raise the suspension until the distance between the center of the hub and the lip of the fender is equal to the measurement taken during removal (curb height).

Use the General Equipment: Vehicle/Axle Stands



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10.
 - Position the shock absorber and spring assembly wiring harness and connect the wiring harness clips.
 - Connect the shock absorber and spring assembly electrical connector.





Shock Absorber and Spring Assembly - Vehicles With: Dynamic Suspension

<i>204-01B Front Suspension - LHD 4WD</i>	<i>2022 F-150</i>
<i>Removal and Installation</i>	<i>Procedure revision date: 10/2/2020</i>

Shock Absorber and Spring Assembly - Vehicles With: Dynamic Suspension

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.

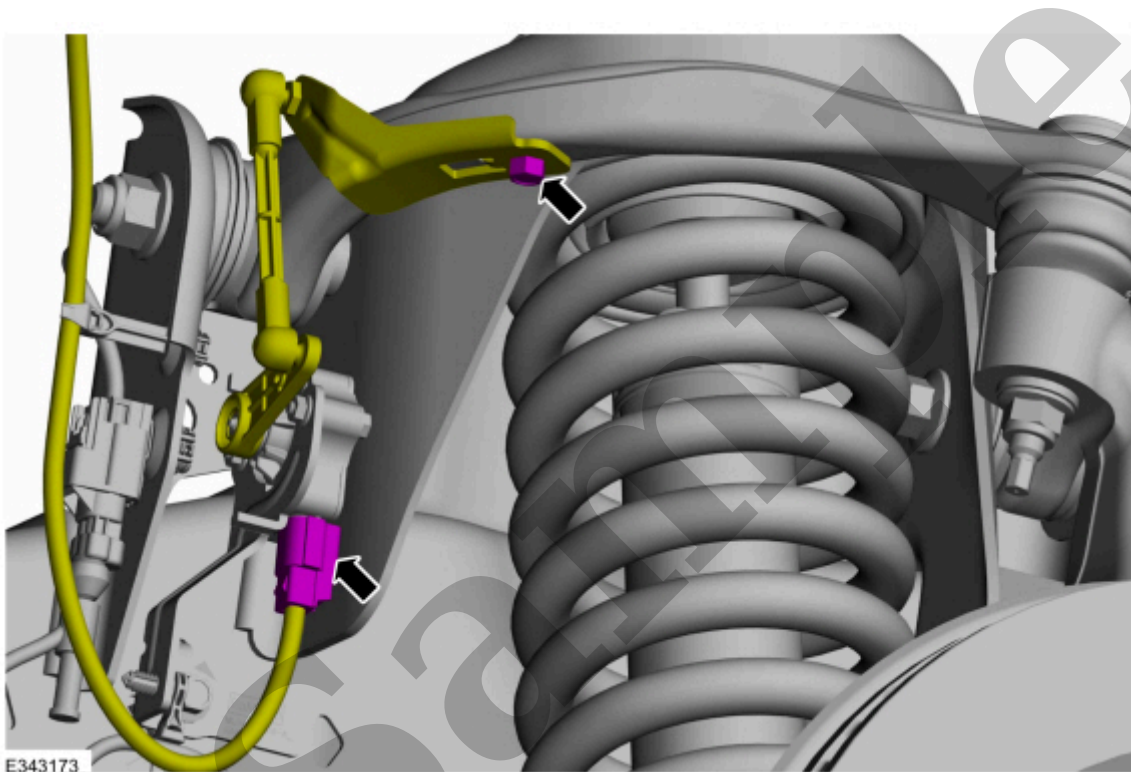
1. Measure the distance from the center of the hub to the lip of the fender with the vehicle in a level, static ground position (curb height).

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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.

- Disconnect the height sensor electrical connector.
- Remove the bolt and detach the height sensor arm from the upper control arm.



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

5. NOTICE

Do not use a hammer to separate the outer tie-rod end from the wheel knuckle or damage to the wheel knuckle may result.

NOTICE

Use care when installing the tie rod separator or damage to the outer tie-rod end boot may occur.

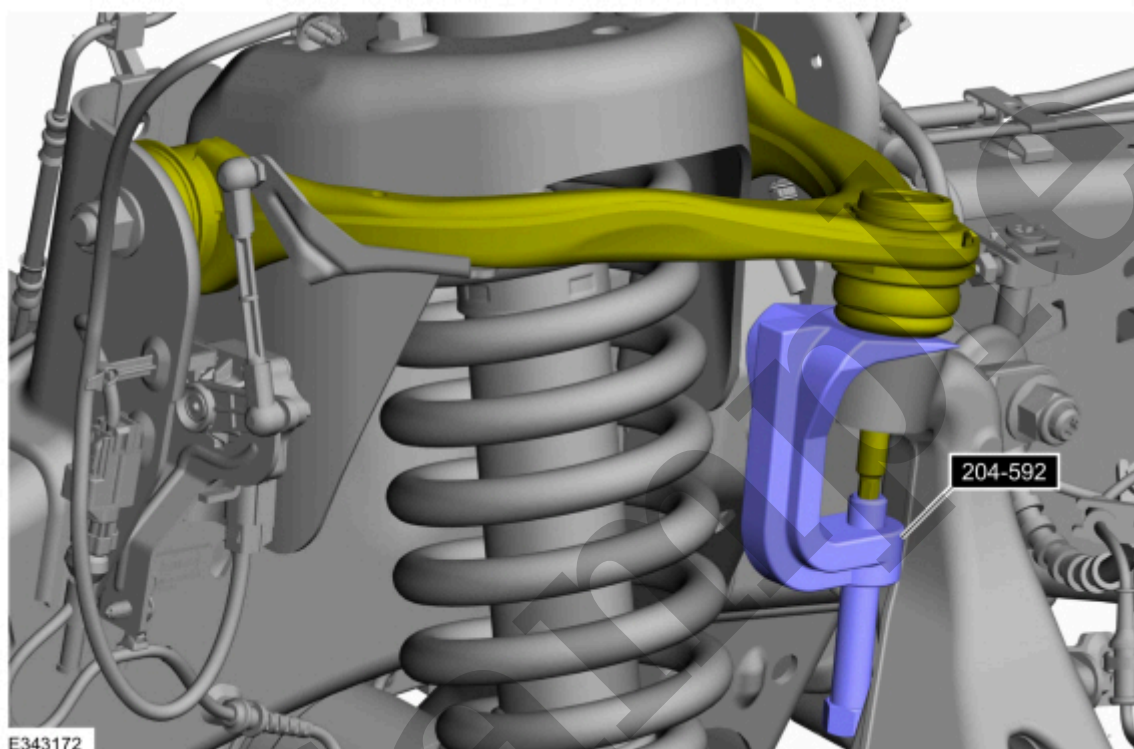
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

7. **NOTE**

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

Separate the upper arm ball joint from the wheel knuckle.

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



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8. • Disconnect the shock absorber and spring assembly electrical connector.
- Detach the shock absorber and spring assembly wiring harness clip from the frame.