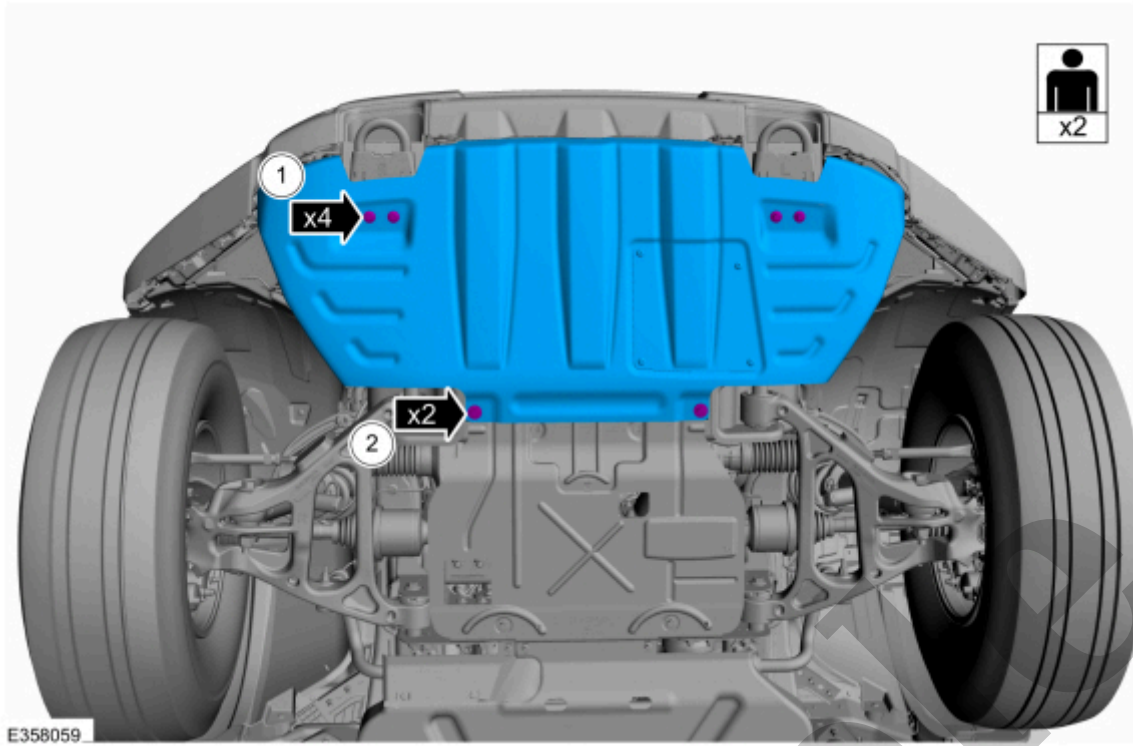


Your Ultimate Source for OEM Repair Manuals

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.

2001 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

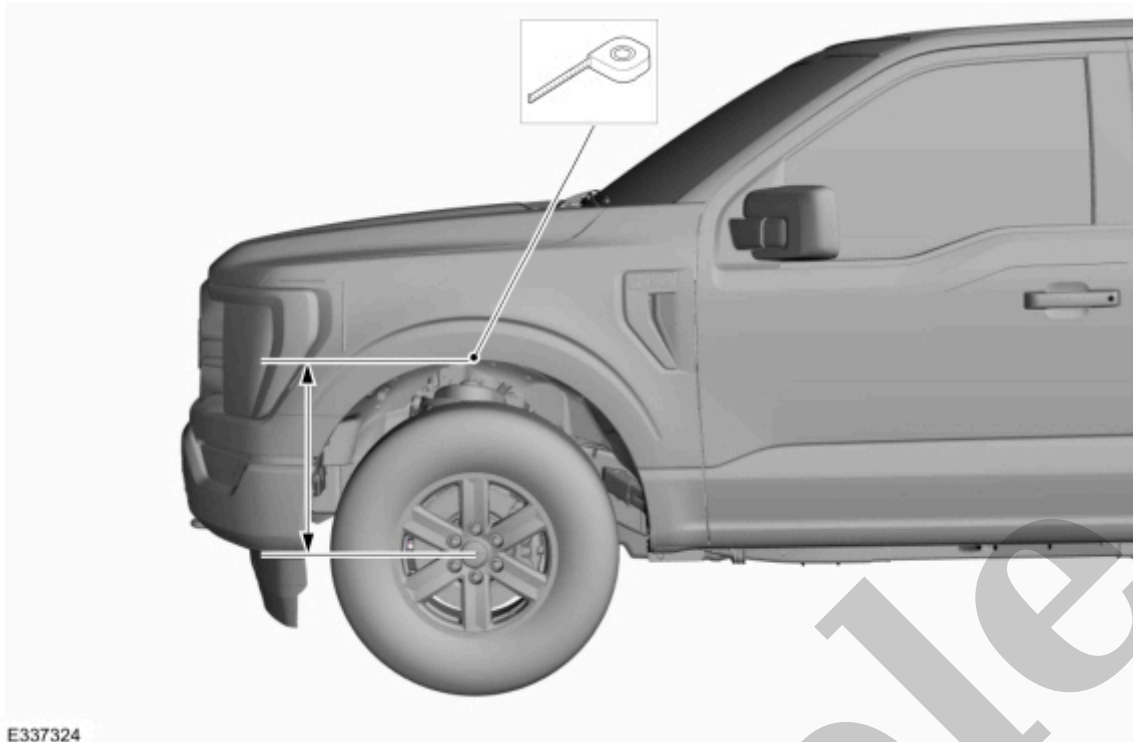
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12. Calibrate the suspension system. Connect the scan tool and carry out the Ride Height Calibration routine. Follow the scan tool directions.

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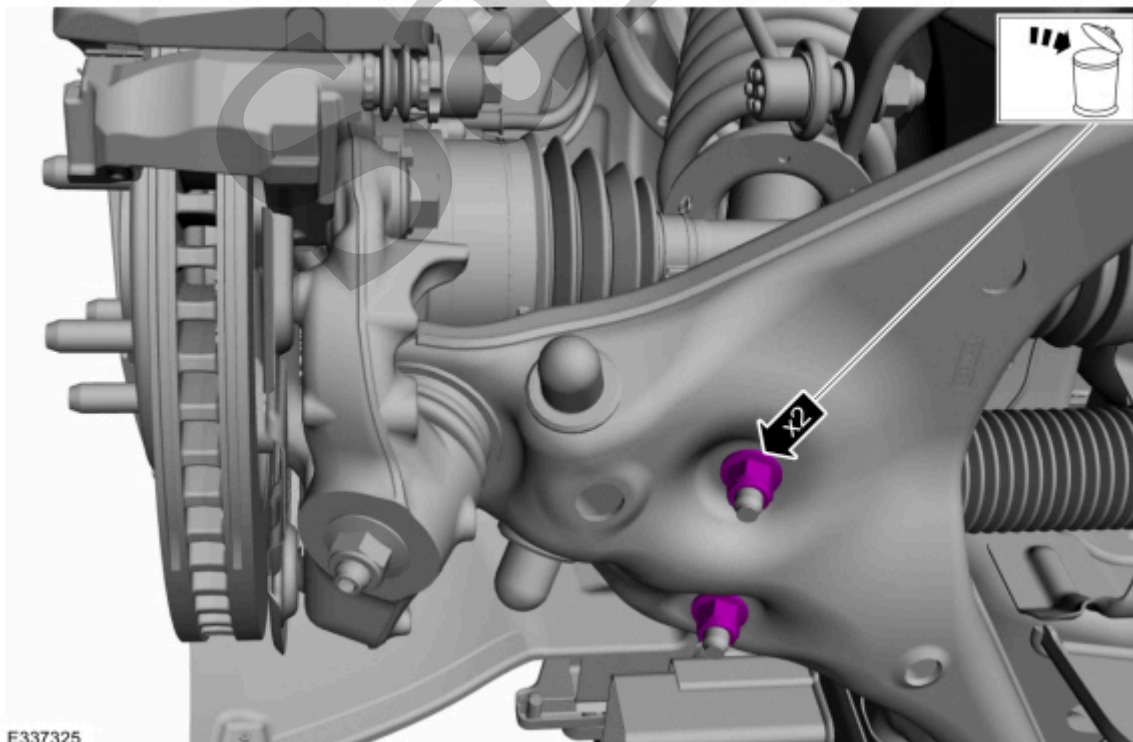
E337324

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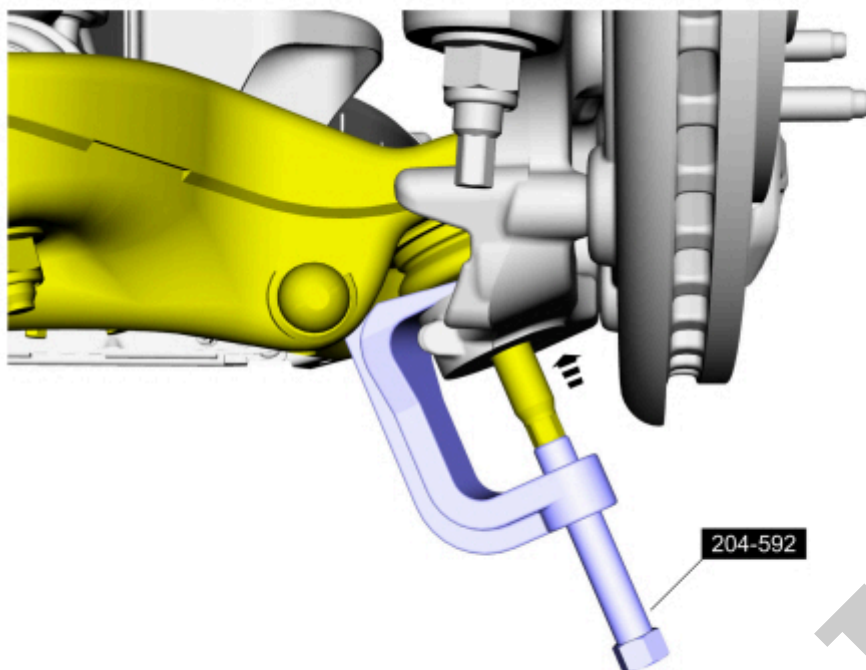
2. Remove the wheel and tire.

Refer to: [Wheel and Tire](#)(204-04A Wheels and Tires, Removal and Installation).

3. Remove and discard the shock absorber and spring assembly lower nuts.



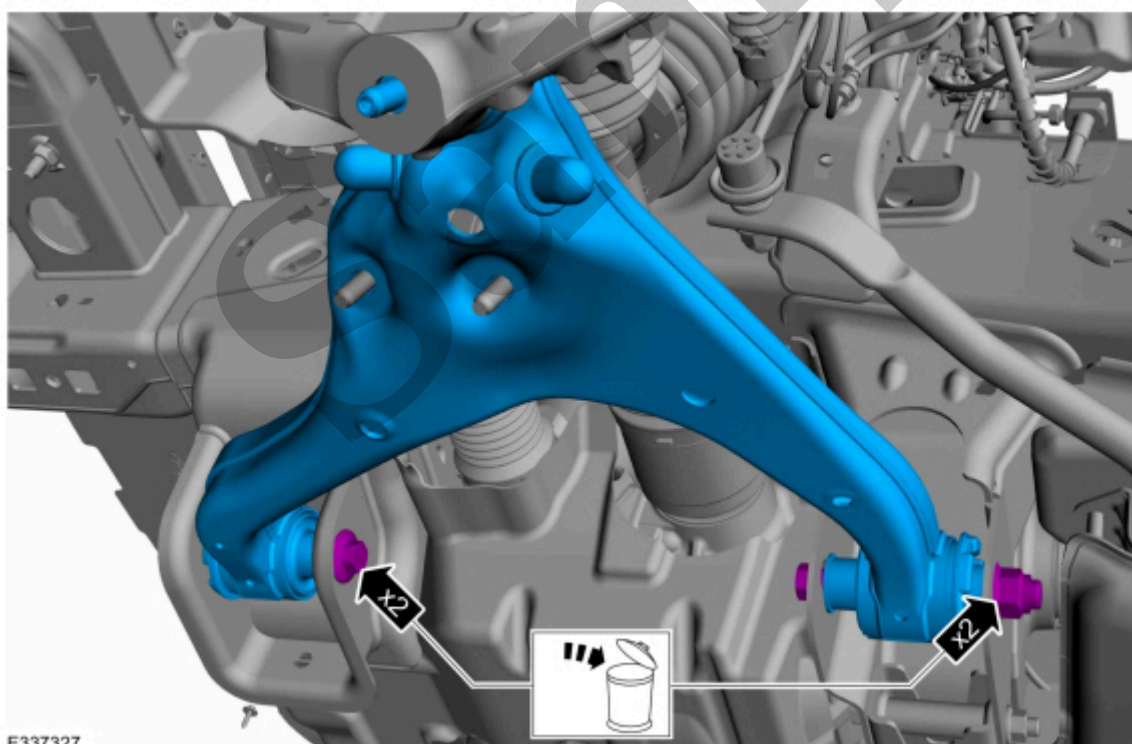
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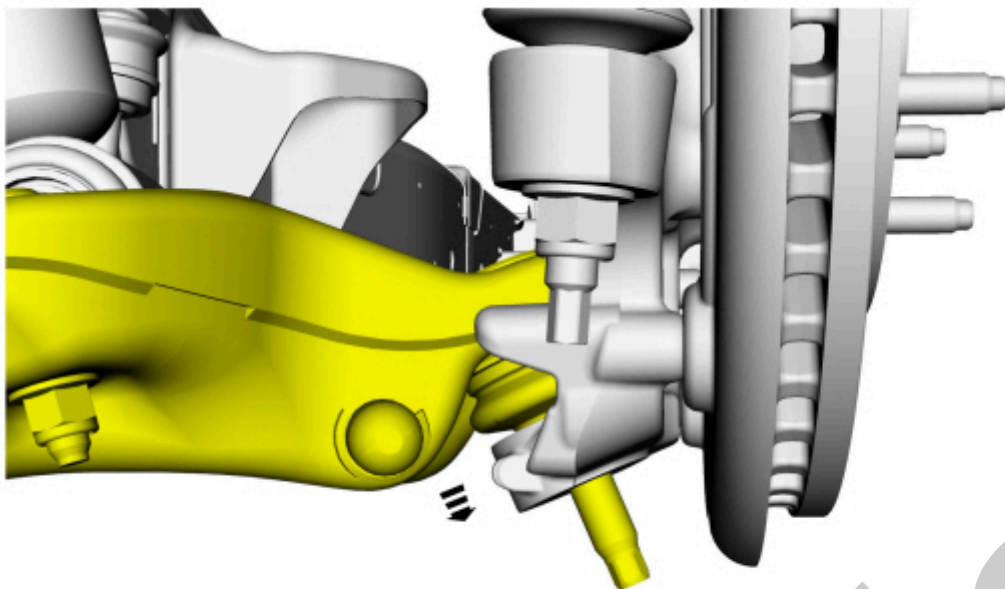
6. Remove and discard the lower arm bolts and nuts, remove the lower arm.



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Installation

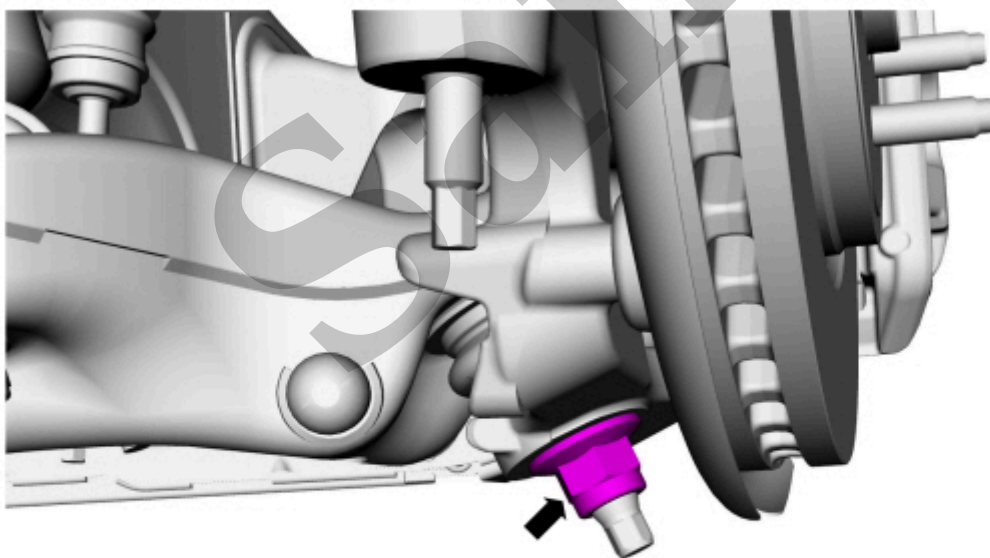


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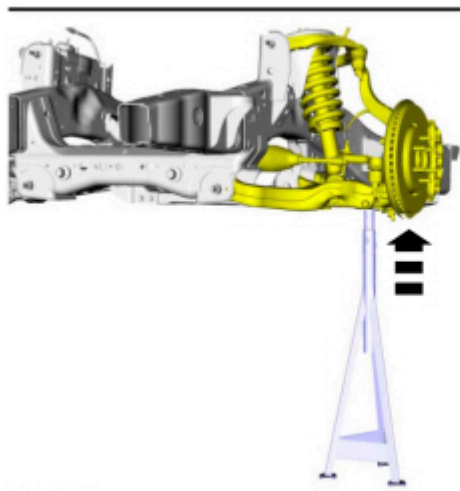
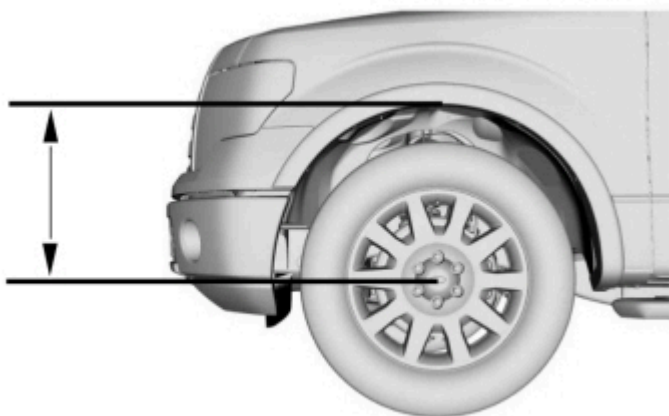
3. Install the new lower ball joint nut.

Torque : 98 lb.ft (133 Nm)



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E190040

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6. Tighten the new lower arm bolts nuts.

Torque : 258 lb.ft (350 Nm)



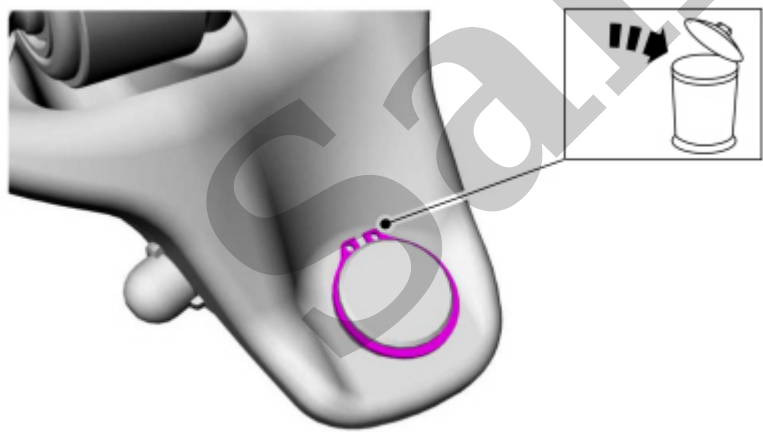
Lower Ball Joint

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

Lower Ball Joint

Removal

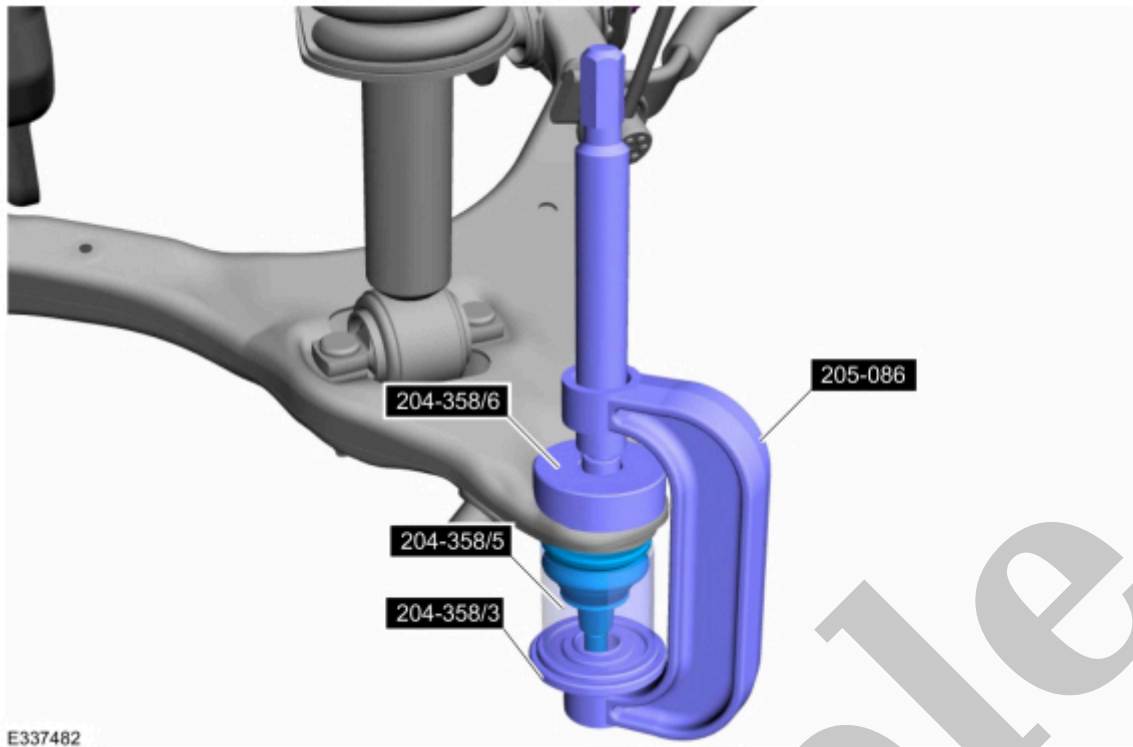
1. Remove the wheel knuckle.
Refer to: [Wheel Knuckle](#)(204-01B Front Suspension - LHD 4WD, Removal and Installation).
2. Remove and discard the lower ball joint snap ring.



E190081

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3. Remove the ball joint from the lower arm.
Use Special Service Tool : 204-358 Remover/Installer, Ball Joint , 205-086 (T74P-4635-C)
Installer/Remover, C-Frame and Screw

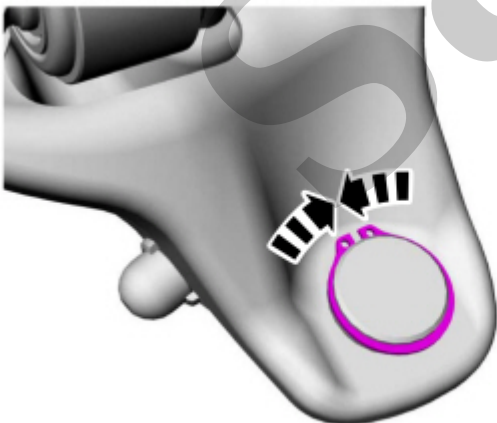


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2. NOTE

Make sure the ball joint snap ring is fully seated.

Install the new lower ball joint snap ring.



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3. Install the wheel knuckle.



Shock Absorber and Spring Assembly - Raptor

204-01B Front Suspension - LHD 4WD	2022 F-150
Removal and Installation	Procedure revision date: 08/5/2021

Shock Absorber and Spring Assembly - Raptor

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).

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

4. 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

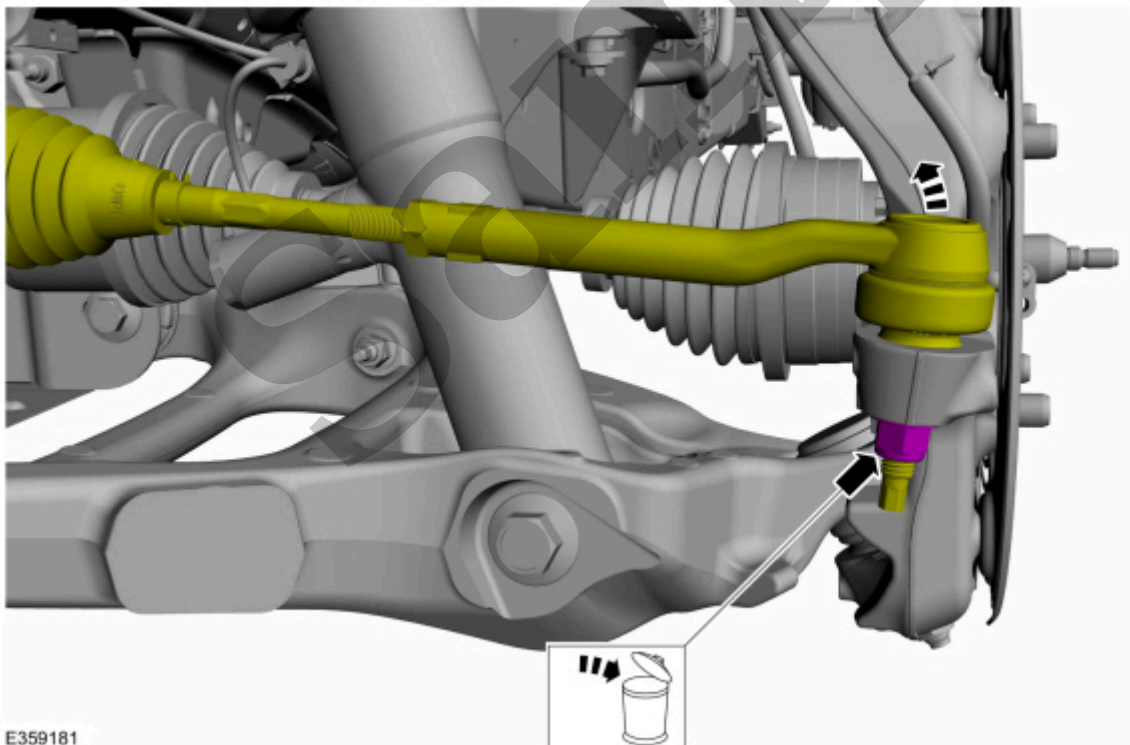
Use care when installing the tie rod separator or damage to the outer tie-rod end boot may occur.

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



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