

# Your Ultimate Source for OEM Repair Manuals

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## 2011 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

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## Wheel Studs

<b>204-01A Front Suspension - LHD RWD</b>	<b>2022 F-150</b>
<b>Removal and Installation</b>	<b>Procedure revision date: 06/30/2016</b>

### Wheel Studs

#### Removal

##### NOTICE

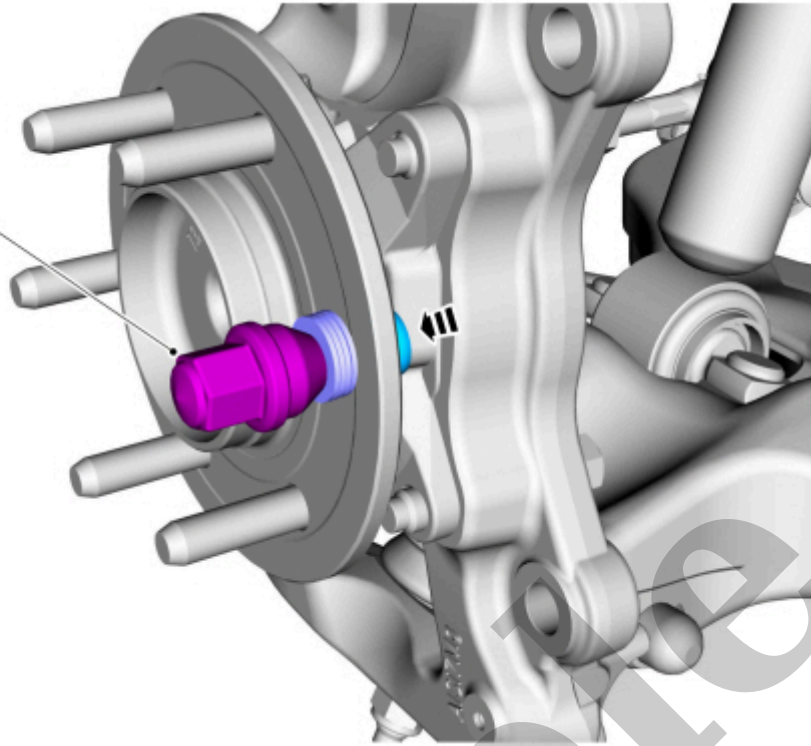
Suspension fasteners are critical parts that affect the performance of vital components and systems. Failure of these fasteners may result in major service expense. Use the same or equivalent parts if replacement is necessary. Do not use a replacement part of lesser quality or substitute design. Tighten fasteners as specified.

1. Remove the brake disc shield.

Refer to: [Brake Disc Shield](#)(206-03 Front Disc Brake, Removal and Installation).

2. Press the wheel stud from the hub flange.

**Use Special Service Tool** : 211-023 (T74P-3044-A1) C-Frame and Screw



E190177

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2. Install the brake disc shield.

Refer to: [Brake Disc Shield](#)(206-03 Front Disc Brake, Removal and Installation).

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# Rear Suspension

<i>204-02 Rear Suspension</i>	<i>2022 F-150</i>
<i>Diagnosis and Testing</i>	<i>Procedure revision date: 10/10/2018</i>

## Rear Suspension

REFER to: [Suspension System](#)(204-00 Suspension System - General Information, Diagnosis and Testing).

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compressor has the correct spring plates or adapters. Failure to follow these instructions may result in serious personal injury.

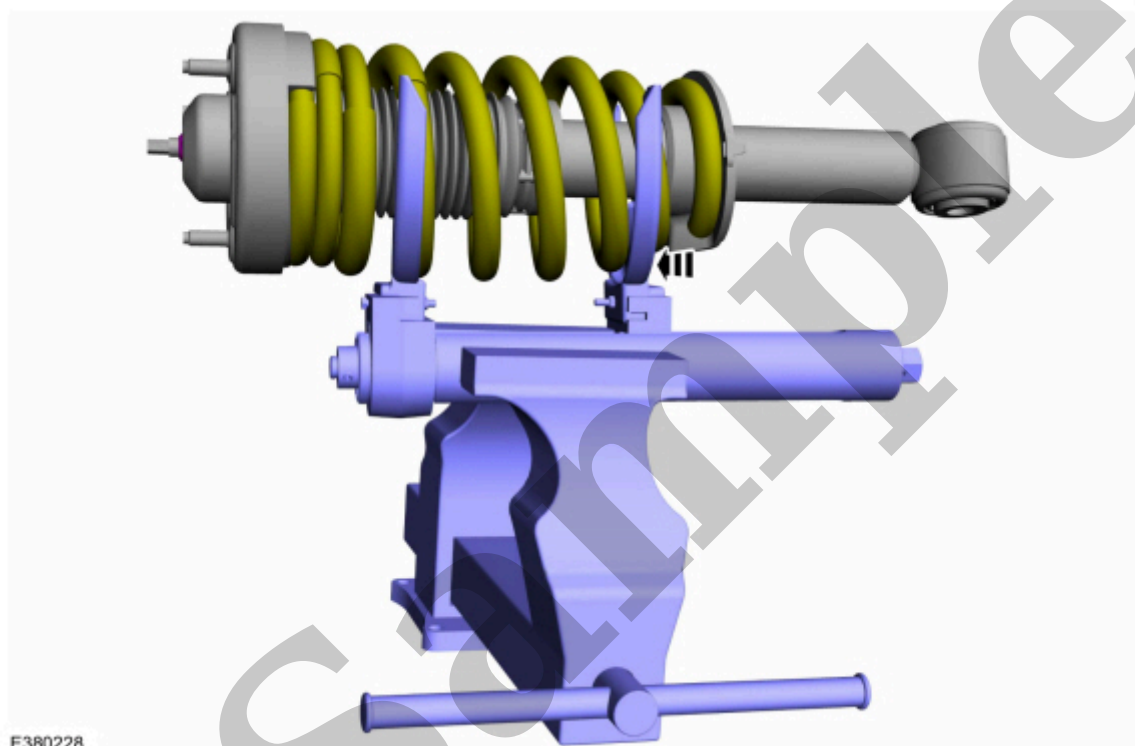
#### NOTICE

When installing a suitable spring compressor, use care not to damage the spring coating.

Compress the coil spring enough to relieve the tension on the shock absorber assembly.

Use the General Equipment: Spring Compressor

Use the General Equipment: Vise



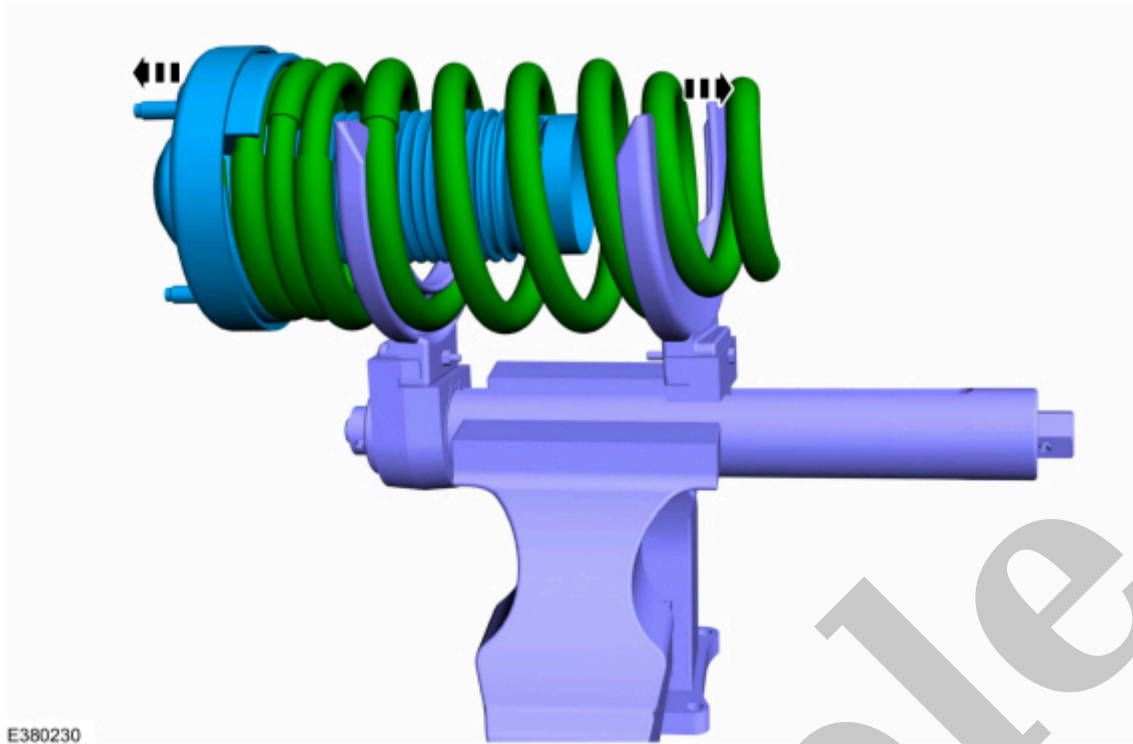
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#### 3. NOTE

Note the position of the components before disassembly.

#### NOTE

Use the hex-holding feature to prevent the strut rod from rotating while removing and installing the strut rod nut.



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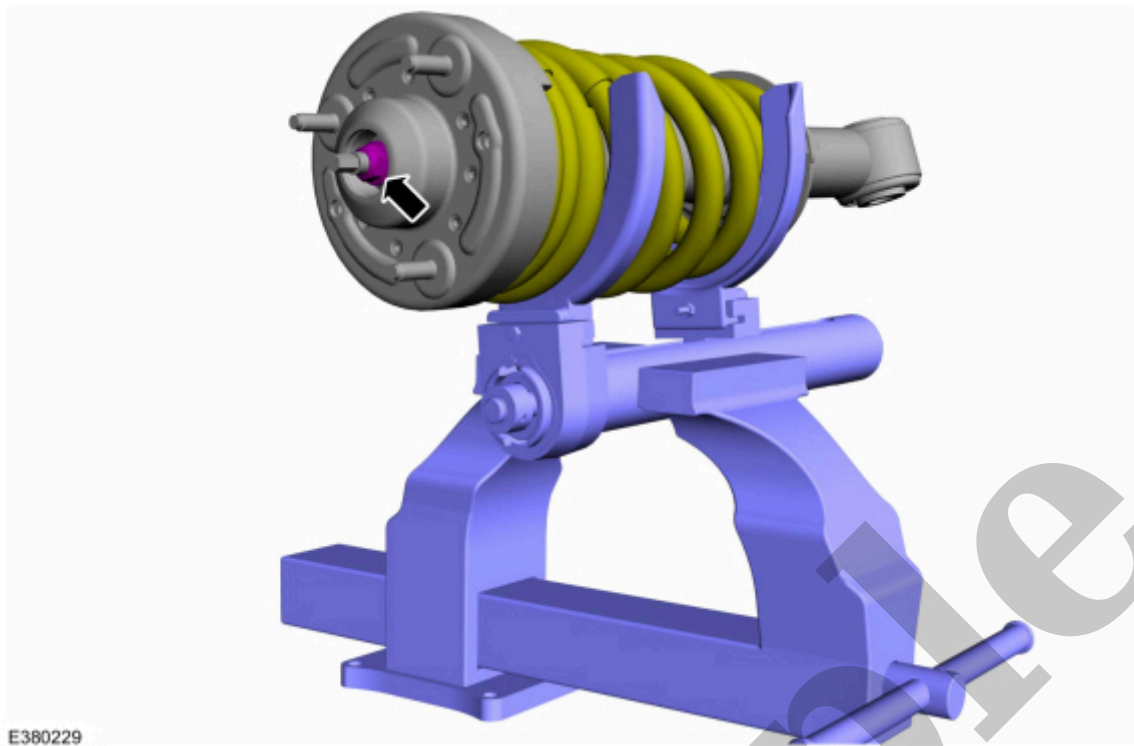
5. **NOTE**

Note the position of the components before removal.

Disassemble the shock absorber and spring assembly.

1. Remove the dust shield.
2. Remove the dust boot.
3. Remove the cap.

**Torque** : 41 lb.ft (55 Nm)



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3. Release the spring tension & remove the spring compressor.

Use the General Equipment: Spring Compressor

4. Install the shock absorber and spring assembly.

Refer to: [Shock Absorber and Spring Assembly - Electric](#)(204-02 Rear Suspension, Removal and Installation).

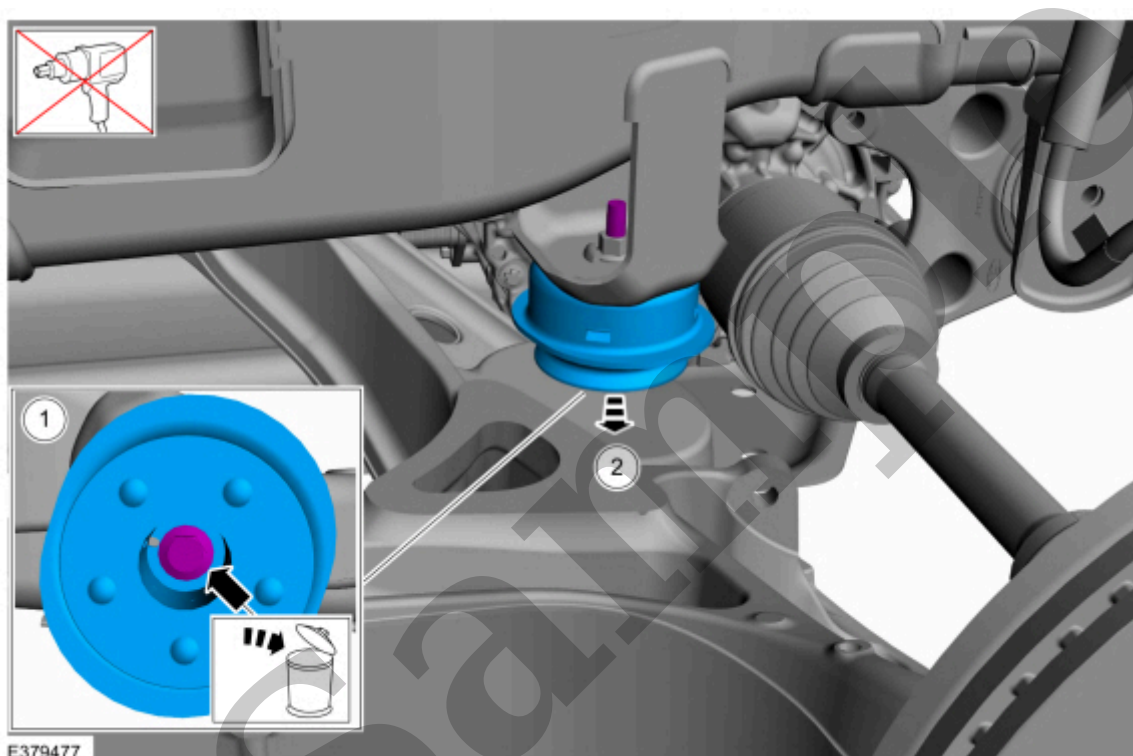
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Do not use power tools to remove or install the axle bump stop bolt. Damage to the axle bump stop may occur.

## NOTE

Note the position of the component before removal.

1. Remove and discard the axle bump stop bolt.
2. Remove the axle bump stop.



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

## Installation

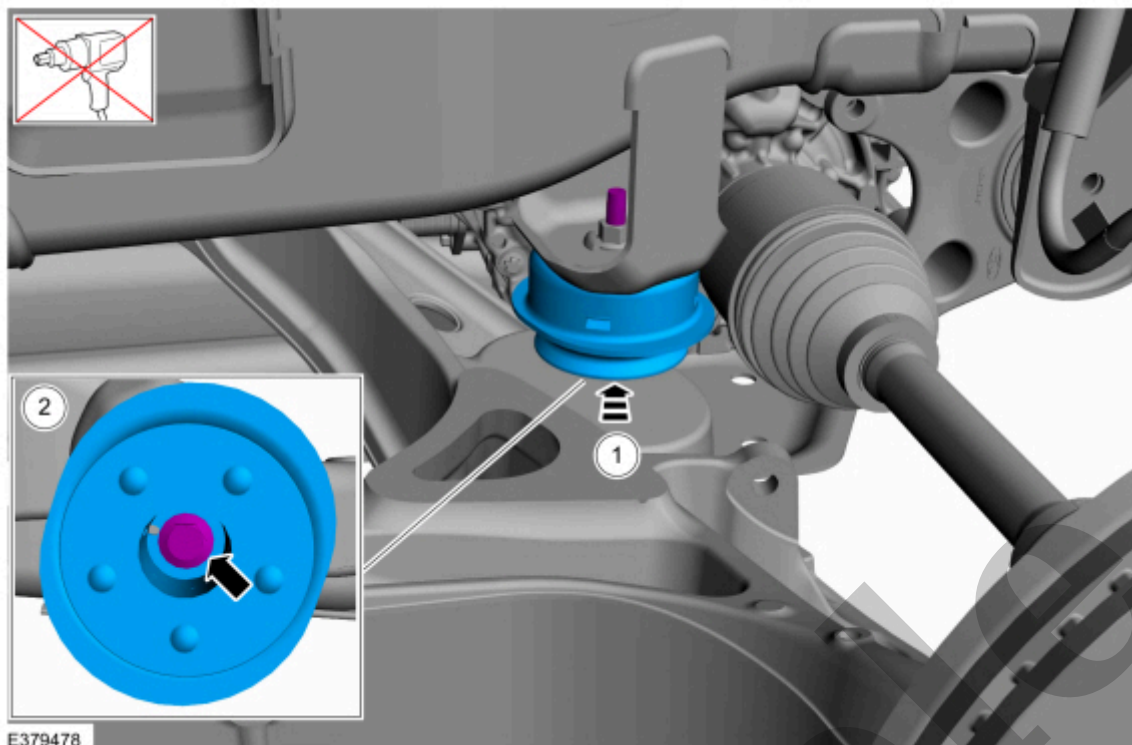
1. To install, reverse the removal procedure.

## 2. NOTICE

Make sure that the component and mating surfaces are clean, free of foreign material and lubricant.

Inspect and if necessary, install new axle bump stop.



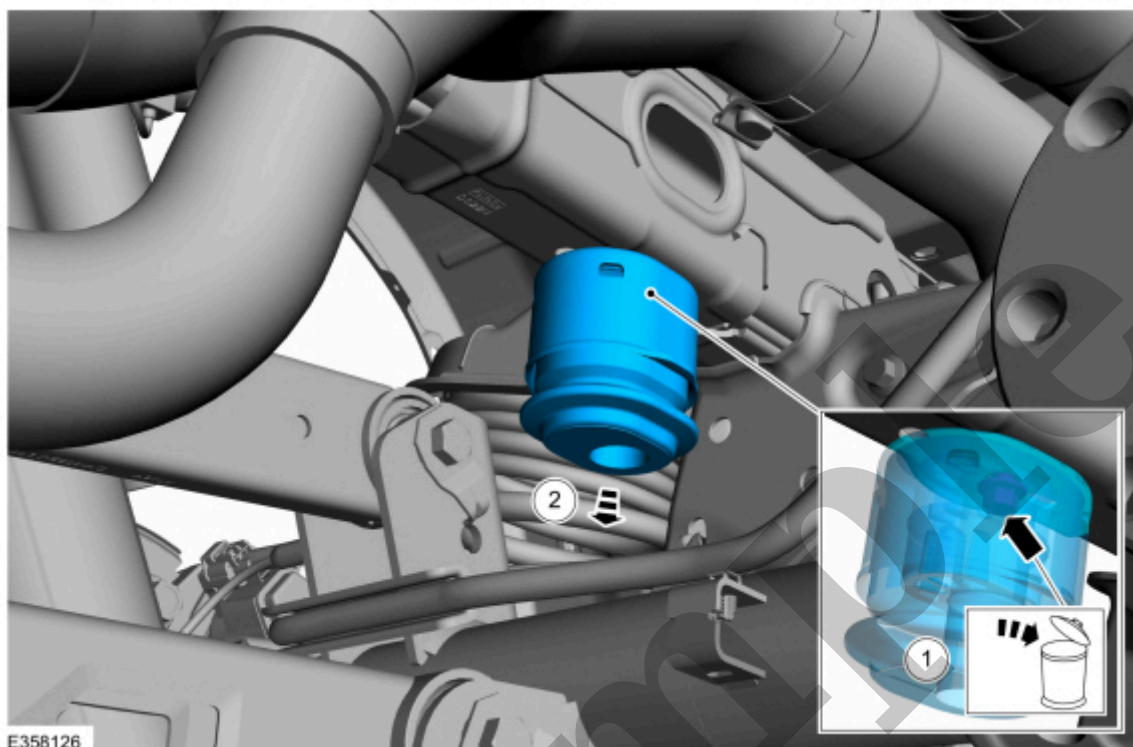


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Note the position of the component before removal.

1. Remove and discard the axle bump stop bolt.
2. Remove the axle bump stop.



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## Installation

1. To install, reverse the removal procedure.

### 2. NOTICE

Do not use any lubrication on the axle bump stop or damage to the axle bump stop may occur.

- Inspect and, if necessary, install new axle bump stop.