

# 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.

## 1999 FORD Focus 4 Doors OEM Service and Repair Workshop Manual

[Go to manual page](#)

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.

#### NOTICE

Take extra care not to damage the component.

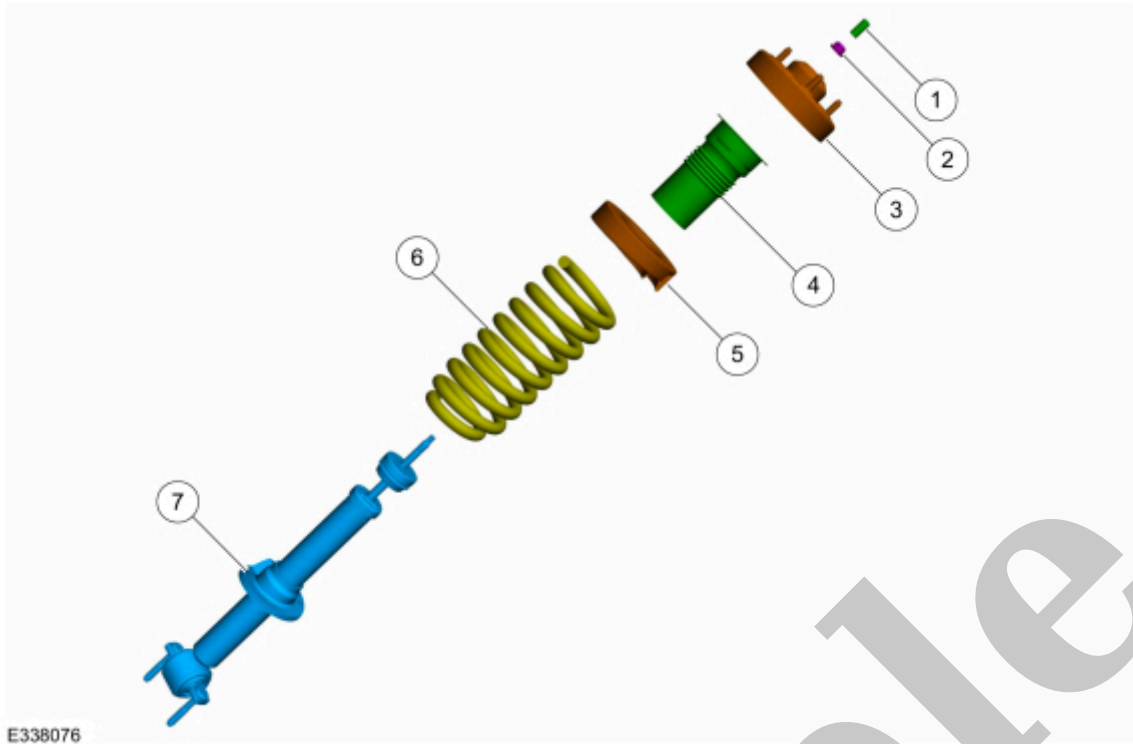
#### NOTICE

Do not use power tools to remove the nut.

#### NOTE

Typical assembly shown. actual application may vary.

- Compress the spring until the tension is released from the shock absorber.  
Use the General Equipment: Spring Compressor
- Carefully remove and discard the strut rod nut and remove the upper cap.



E338076

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

## ASSEMBLY

### 1. WARNING

Take extra care when handling a compressed spring. Failure to follow this instruction may result in personal injury.

To assemble, reverse the disassembly procedure.

### 2. NOTE

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

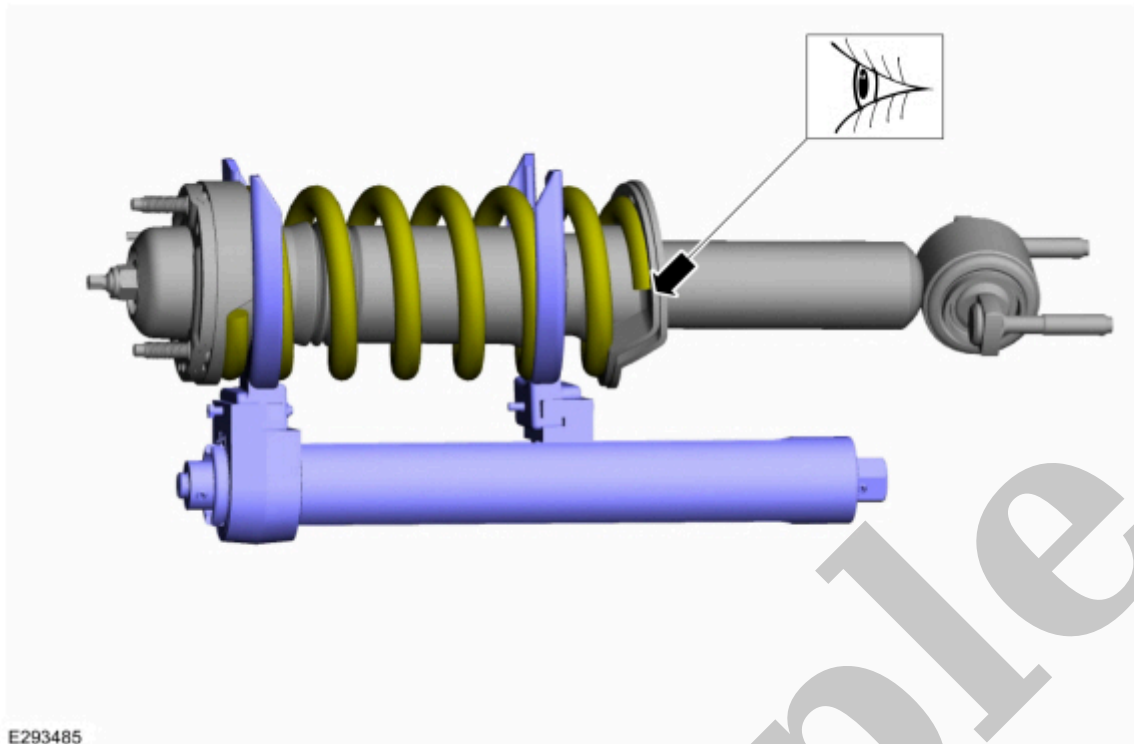
### NOTE

Only tighten the nut finger tight at this stage.

Install the shock absorber and the upper mount.

Use the General Equipment: Spring Compressor

Use the General Equipment: Spring Compressor



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

4. **NOTE**

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

While holding the shock rod, install the new shock absorber rod nut and the shock rod cap.

Use the General Equipment: Spring Compressor

Use the General Equipment: Vise

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

## Front Stabilizer Bar - Electric

<b>204-01B Front Suspension - LHD 4WD</b>	<b>2022 F-150</b>
<b>Removal and Installation</b>	<b>Procedure revision date: 09/22/2022</b>

### Front Stabilizer Bar - Electric

#### 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.

##### NOTE

Removal steps in this procedure may contain installation details.

1. With the vehicle in NEUTRAL, position it on a hoist.

Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

2. **NOTE**

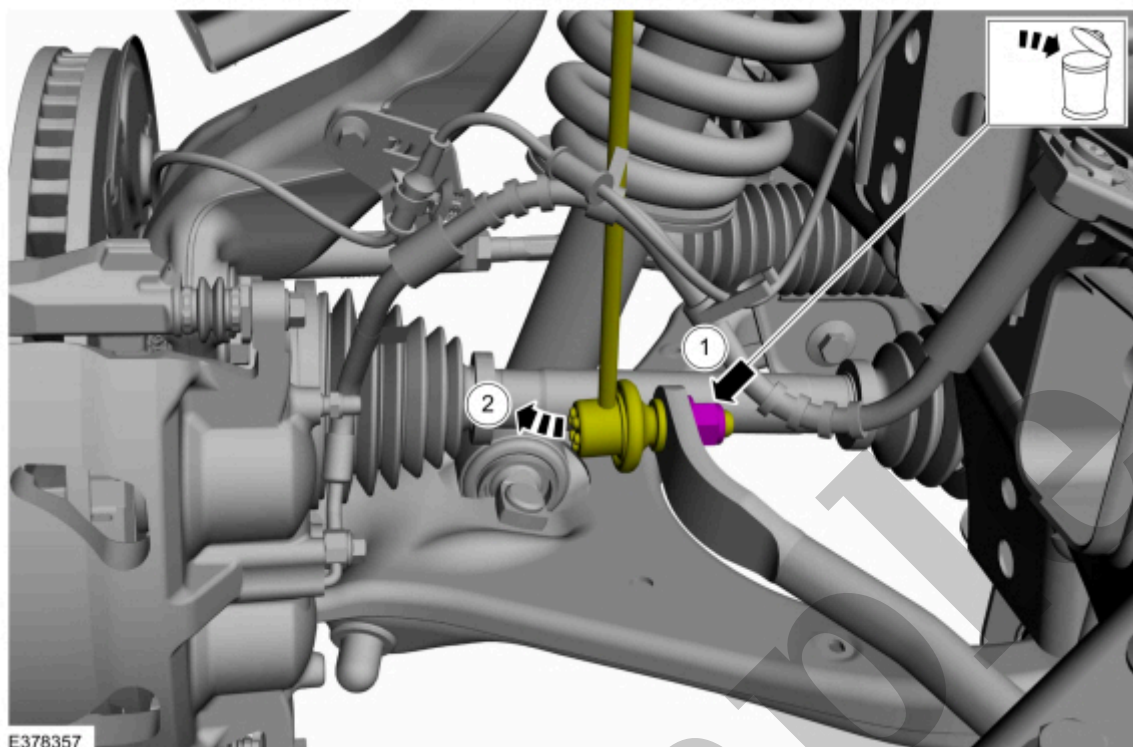
If equipped.

Remove the bolts and the front underbody shield.

**Torque** : 30 lb.ft (40 Nm)

- On both sides.

Position aside the front stabilizer bar links.



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

#### 4. NOTICE

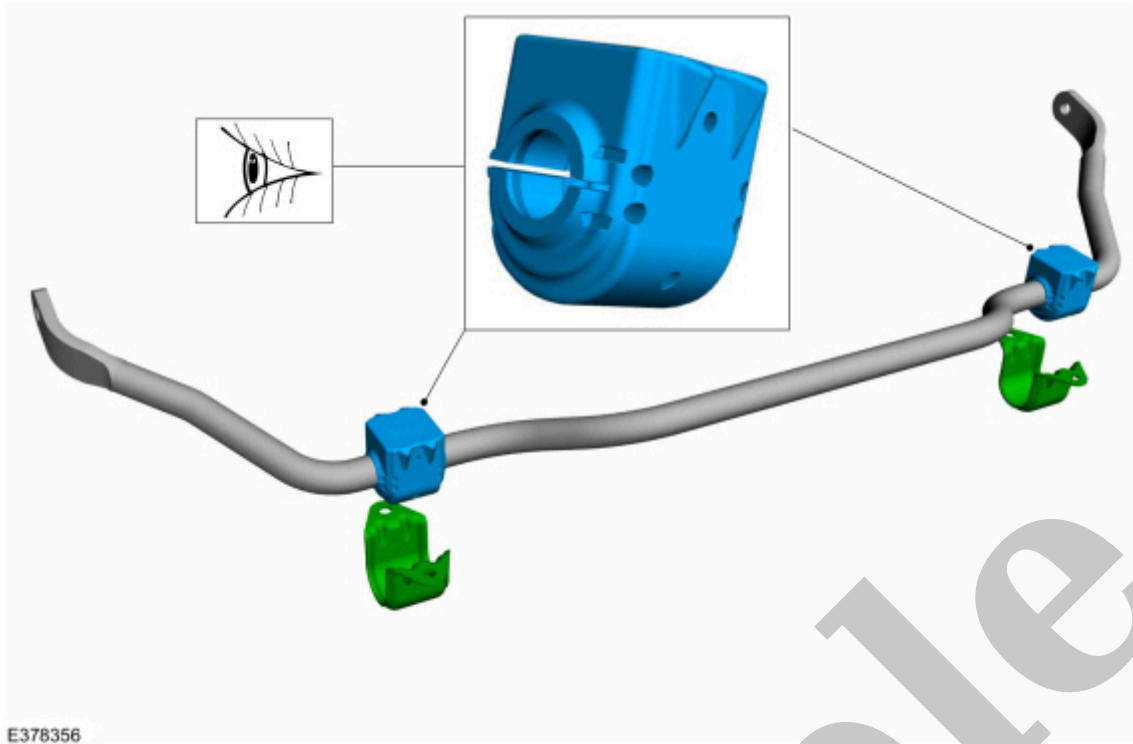
To prevent the stabilizer bar from moving freely in the suspension system, increasing the possibility of contacting or damaging surrounding components such as the tires or front driveshaft; the raised ring on the stabilizer bar must be secured in the inner groove of the stabilizer bar bushing on the driver's side of the vehicle.

#### NOTICE

Make sure the color codes on the stabilizer bar and bushings match for proper fitment of the stabilizer bar bushings to the stabilizer bar.

#### NOTICE

Do not let the stabilizer bar hang from the vehicle while attached to the vehicle only by the stabilizer bar links. Damage to the stabilizer bar links will occur.



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

## Installation

1. To install, reverse the removal procedure.

2. **NOTICE**

Both surfaces must be thoroughly cleaned before inserting the new stud plates into the frame bracket holes. Any debris left under the stud plate flanges will prevent the joint from being securely tightened; allowing the joint to loosen and the stabilizer-bar to detach from the frame.

On both sides. Inspect and thoroughly clean both sides of the frame bracket mounting surfaces. Insert the new stud plates into the frame bracket holes.

## Front Stabilizer Bar - Raptor

<b>204-01B Front Suspension - LHD 4WD</b>	<b>2022 F-150</b>
<b>Removal and Installation</b>	<b>Procedure revision date: 08/6/2021</b>

### Front Stabilizer Bar - 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.

##### NOTE

Removal steps in this procedure may contain installation details.

1. Position vehicle on a hoist.

Refer to: [Jacking and Lifting - Overview](#)(100-02 Jacking and Lifting, Description and Operation).

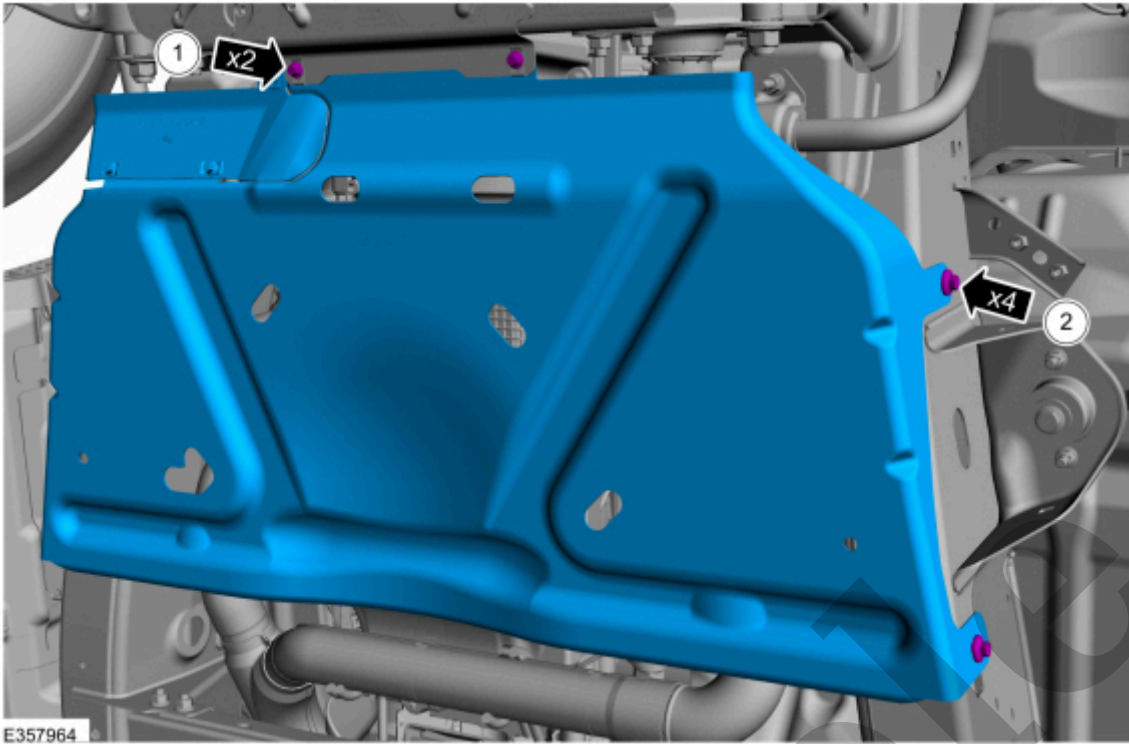
2. **NOTE**

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

On both sides.

Remove and discard the front stabilizer bar link upper nut.





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

#### 4. NOTICE

To prevent the stabilizer bar from moving freely in the suspension system, increasing the possibility of contacting or damaging surrounding components such as the tires or front driveshaft; the raised ring on the stabilizer bar must be secured in the inner groove of the stabilizer bar bushing on the driver's side of the vehicle.

#### NOTICE

Do not let the stabilizer bar hang from the vehicle while attached to the vehicle only by the stabilizer bar links. Damage to the stabilizer bar links will occur.

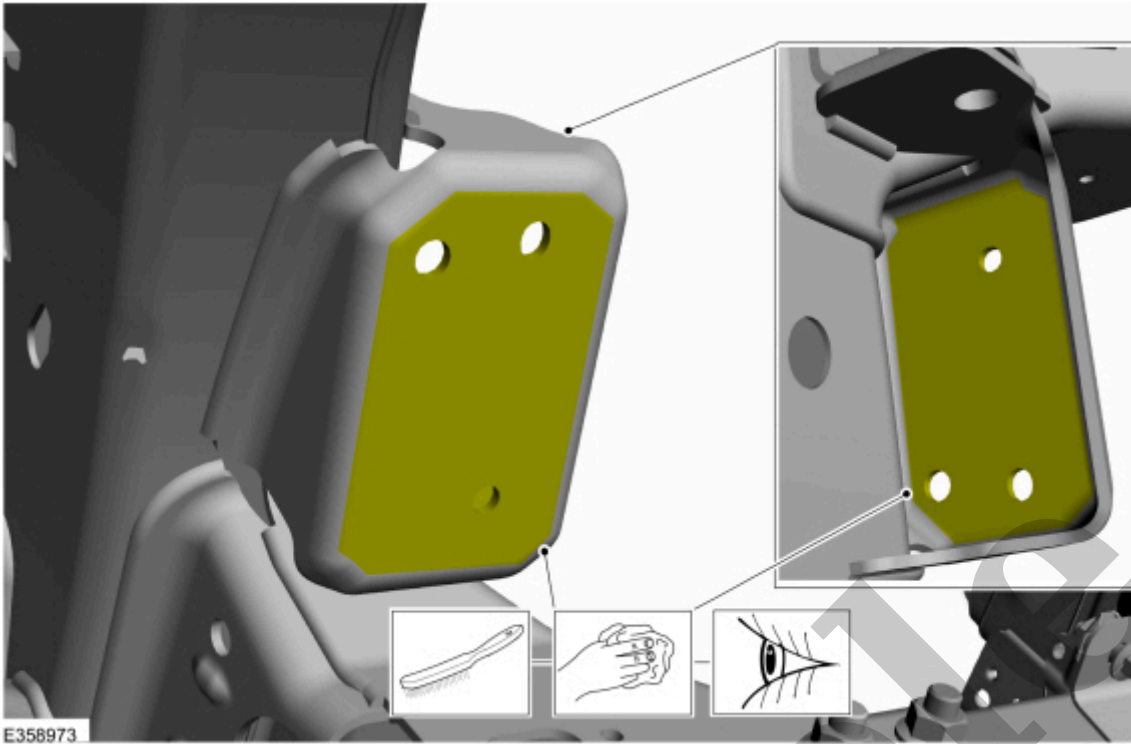
1. On both sides.

Remove and discard the front stabilizer bar bracket nuts.

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

2. On both sides.

Remove and discard the front stabilizer bar bracket retainer.



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

Copyright © Ford Motor Company

Sample