



# Installation Instructions

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Part #PED-428024-35

Front Sway Bar Ford Mustang (S550)

## Disclaimer:

In order to install Pedders Suspension components safely, general mechanical knowledge is required. It is suggested that only a trained mechanic perform the installation of this product. If you are not qualified and choose to perform the installation yourself, please be sure to follow all safety precautions and utilize the manufacturer's repair manual as a guide for procedures and torque values.

**Caution:** When fitting adjustable sway bars always start with the softest setting and is strongly advised that you drive cautiously while you evaluate the new vehicle dynamics.

- All safety measures should be taken, secure vehicle on a lift or jackstands, chock any wheels remaining on the ground and take care with any hot components.
- Always use new hardware when provided or specified by the manufacturer.
- Tighten all fittings with the vehicle on the ground at ride height.
- If the removal of suspension components is required, we suggest marking any suspension components as this will aid in reassembly to approximate previous wheel alignment settings. Wheel alignment settings may have changed. Check front and rear alignment after installation.
- Re-check all torque values after a period of 50-200 miles after installation.
- It is recommended that you inspect the Pedders Suspension components periodically to ensure long term performance.

## Parts List

Description	Quantity
35mm Sway Bar	1
Bushings	2
U-bracket	2
Lube	1

1. Park vehicle on a smooth, level, asphalt or concrete surface. Block rear wheels. Jack up front end of car and support with jack stands or use a proper vehicle lift. Remove front wheels.
2. Remove the nuts that hold the end links to the sway bar on both sides. (Fig. A)

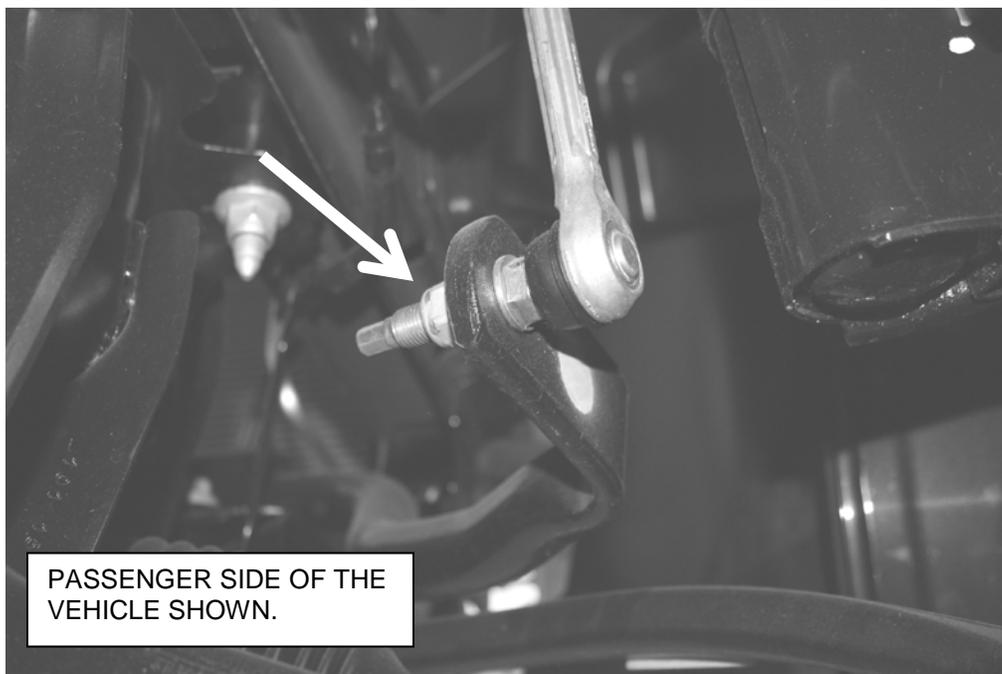


Figure A

3. Next, remove the factory hardware from the bushing brackets. (Tip) Remove the air box on the driver side of the engine compartment to gain access to these bolts. Remove the passenger side hardware using a long extension to reach the bolts. Turn the steering wheel to full lock and remove the OE sway bar from the vehicle. **Note how the bar comes out as you need to keep the same orientation for installing the PEDDERS sway bar.** (Fig. B)

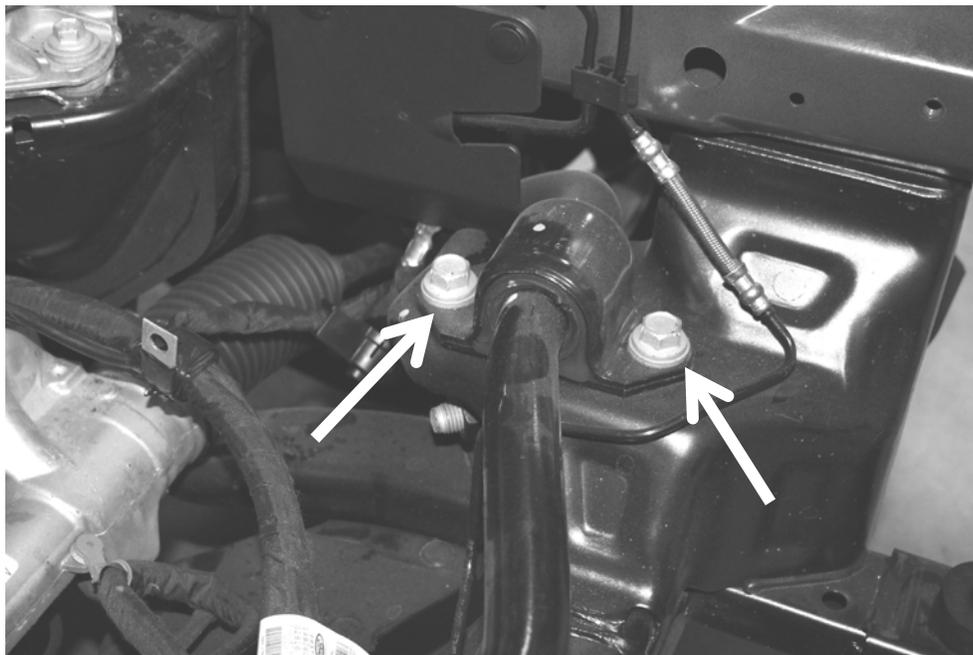


Figure B

4. Locate the pivot “D shaped” polyurethane bushings and tube of special grease supplied in the hardware kit. Cut the end off the grease tube and apply the grease to the bore of the polyurethane bushings (Fig. C) Open the bushings and snap them over the PEDDERS front sway bar, as positioned on the stock bar.

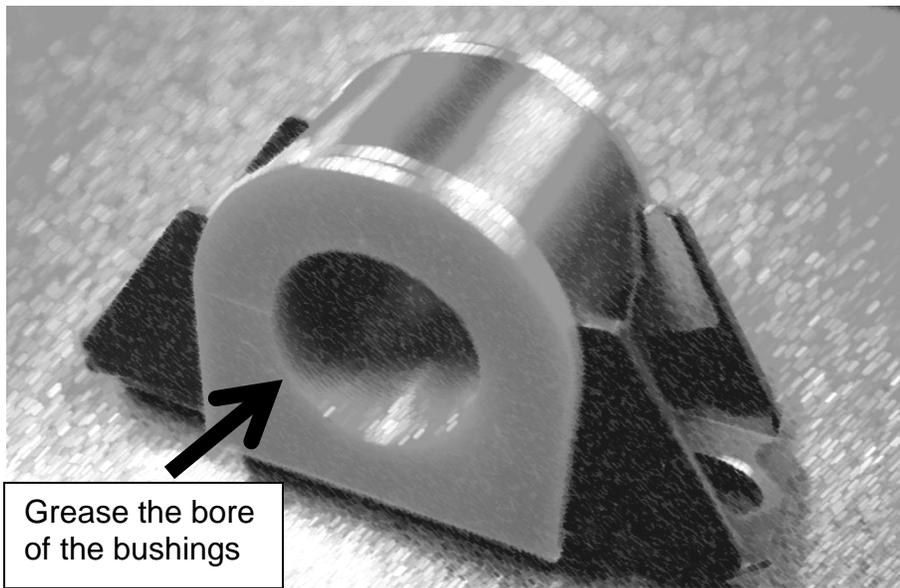


Figure C

5. Install the PEDDERS sway bar. Place the new brackets (supplied) over the pivot bushings. Torque the hardware to 50-52 ft/lbs.

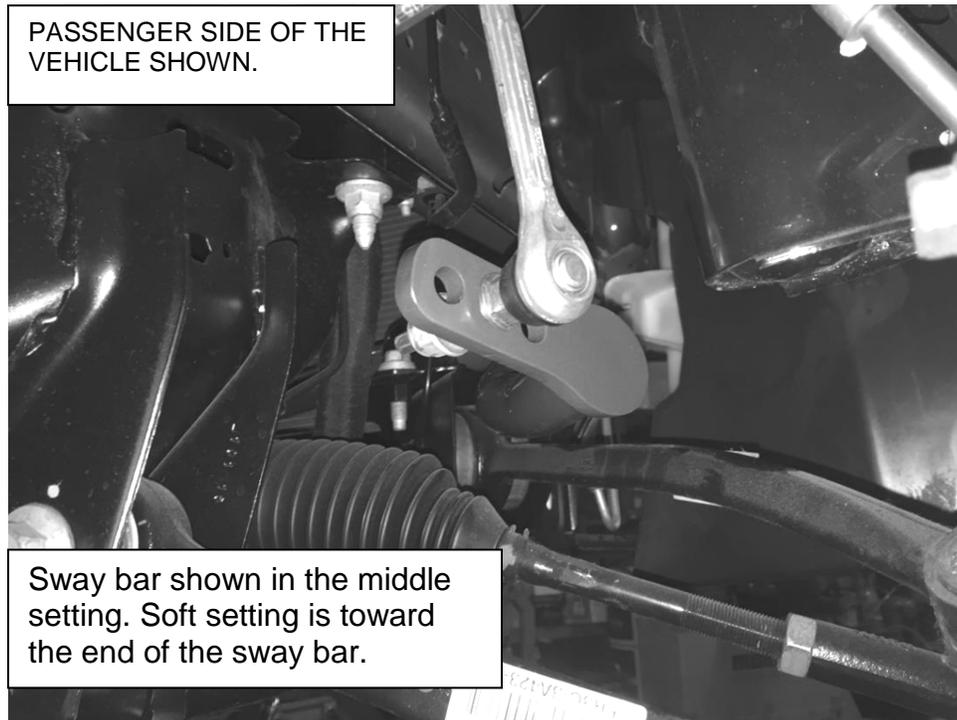


Figure D

6. Choose the setting on the sway bar. Torque the end link to 46-48 ft/lbs (Fig. D)
7. Installation is complete. Check assembly periodically for tightness.

**Torque Check**

Hardware	Torque
End link nut	46-48 ft/lbs
Bushing bracket hardware	50-52 ft/lbs