



# Installation Instructions

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**Part #PED-429024-25**

**Rear 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
25mm Sway Bar	1
Bushings	2
Brake line bracket	2
Brake line bracket nut	2
Lube	1

1. Park vehicle on a smooth, level, asphalt or concrete surface. Block front wheels. Jack up rear end of car and support with jack stands or use a proper vehicle lift.
2. Remove the nuts that attach the end links to the rear sway bar and the brake line. Keep the bolt from the brake line bracket. Discard the OE brake line bracket.(Fig. A)

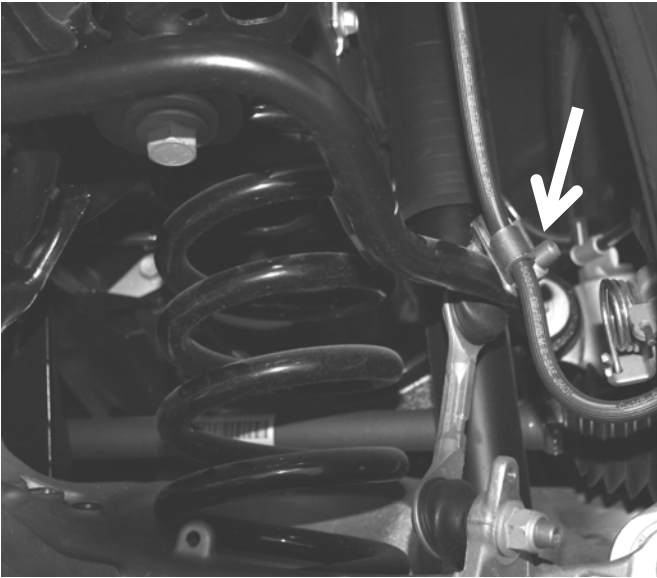


Figure A

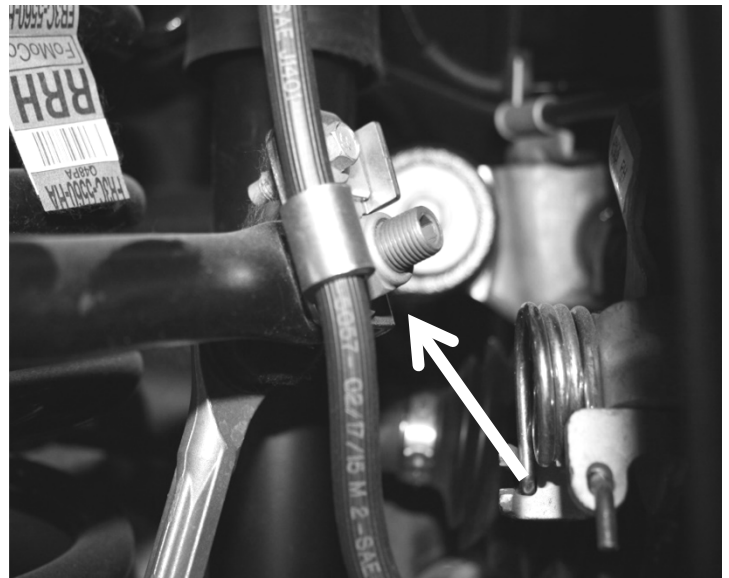


Figure B

3. Next, remove the factory hardware bushings and brackets. Keep the brackets and hardware for reinstallation. Remove the bar from the vehicle. (Fig. C)

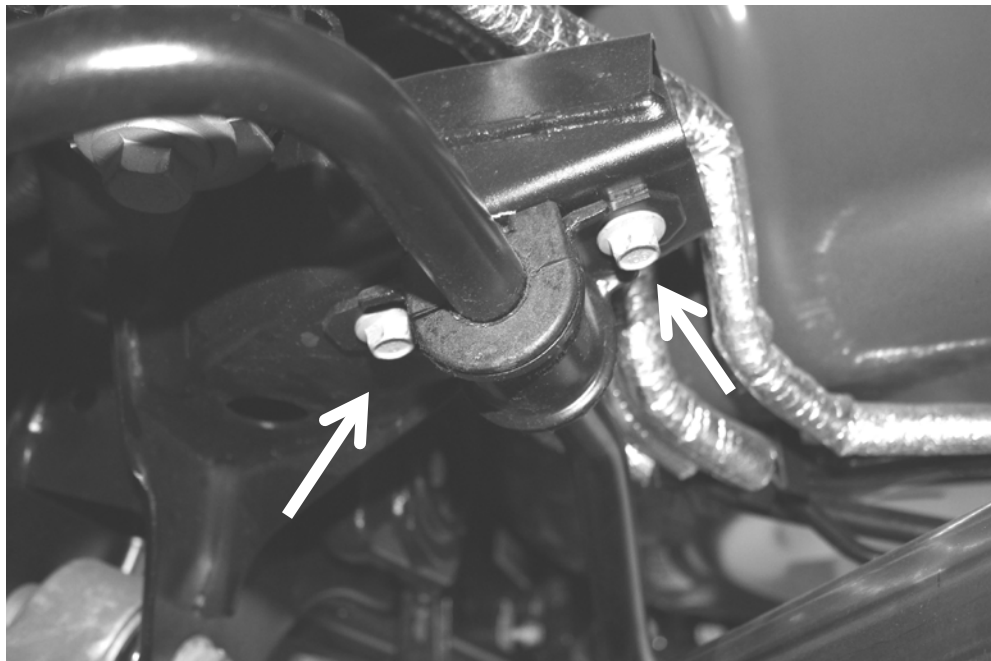


Figure C

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



Figure D

5. Attach the end links to the PEDDERS sway bar. Use the new brake line bracket and hardware provided to attach the brake line using the OE bolt. Place the brackets over the pivot bushings, reinstall factory hardware. Torque the bushings brackets to 38-42 ft/lbs. Torque the end link nuts to 46-48 ft lbs. Torque the brake line hardware to 28-32 ft/lbs. (Fig. E)

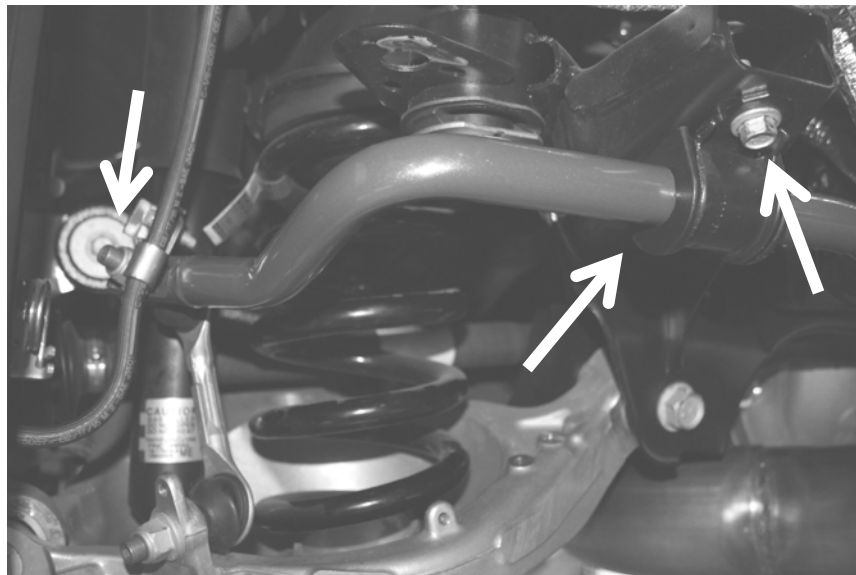


Figure E

**Torque Check**

Hardware	Torque
End link nut	46-48 ft/lbs
Bushing bracket hardware	38-42 ft/lbs
Brake line bracket hardware	28-32 ft/lbs

6. Installation is complete. Check assembly periodically for tightness.