



# Installation Instructions

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**Part # PED-429025-24**

**Rear Sway Bar Mustang (S197) 2005-2010**

**Part # PED-424402**

**Rear Drop Links Mustang (S197) 2005-2010**

**NOTE:** If your vehicle did not come from the factory with a rear sway bar you will need to purchase PEDDERS part # PED-424402 for installation.

## 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
24mm Sway Bar	1
Bushing	2
Drop Link Bushing	2
Lube	2

1. Park vehicle on a smooth, level, asphalt or concrete surface. Block front wheels. Jack up rear end of car and support with jackstands. Remove rear wheels and tires.

**Note:** For vehicle with factory sway bar proceed to Step 2.  
For vehicles without factory sway bar proceed to Step 9.

2. Locate and remove the bushing bracket nuts that attach the end of the OEM sway bar to the rear end. Remove the bolts from the chassis side of the drop link (Fig. A). Retain all OEM bolts and brackets for re-installation. Remove the OEM sway bar from the vehicle.

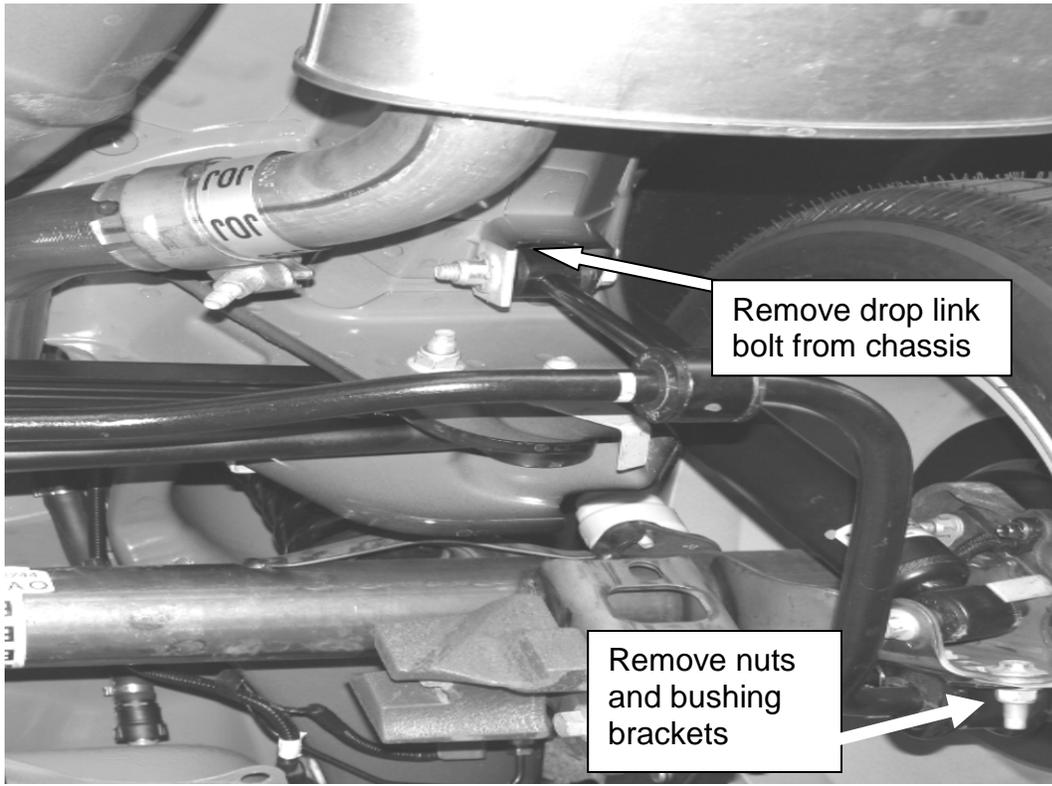


Figure A: View from underneath passenger side rear

3. Remove the drop link (Fig. B) and bushing (Fig. C) from the factory sway bar. Use a spray silicone to help slide them off the factory bar.



Figure B



Figure C

4. Next, remove the bushing from the lower eye in the OEM drop link. Using a screwdriver pry the bushing out of the bore. (Fig. D and Fig. E)



Figure D



Figure E

5. Coat the outside of the new bushing with silicone spray. Using a vice or press, install bushing into link. The bushings will snap in place with little pressure needed. (Fig. F)



Figure F

6. Liberally grease the inner bore of the new polyurethane bushings with lubricant provided (Fig. G and Fig. H). Slide the drop link bushings over the ends of the new PEDDERS sway bar. Position the links in the same locations as the OE configuration. Install the PEDDERS rear sway bar using factory fasteners and brackets. Torque mounting bolts to 45-55 ft/lbs.



Figure G



Figure H

7. Install wheels and tires. Lower rear of car onto ground, and roll car back and forth to settle suspension.
8. Installation is complete. Check assembly periodically for tightness.

**Torque Check**

<b>Hardware</b>	<b>Torque</b>
Drop links to chassis	45-55 ft/lbs
Bushing brackets to axle	45-55 ft/lbs

## **PED-424402**

This kit will provide the end links and hardware to install the PEDDERS sway bar on any S197 Mustang chassis NOT equipped with an OEM rear sway bar.

### **Parts List**

Description	Quantity	Description	Quantity
Bushing Bracket	2	3/8 SAE Flatwasher	8
D-Bushing	2	3/8-16 Nylock	4
Lube	1	M12 x 1.5 x 60 HHCS	2
Drop link - Assembled	2	M12 Flatwasher	4
3/8-16 x 1.25 HHCS	4	M12-1.5 Nylock	2
9/16 SAE Flatwasher	4		

9. Use the PEDDERS drop links to attach the sway bar to the chassis, and the included bushings and brackets to attach the bar to the rear axle. Lube the inside of the large link bushings before installing over the sway bar ends. Slide the links past the first three bends as shown in Figure B.
10. Position the end links on the sway bar and raise the bar and links in position. Use the M12 hardware to mount the links to the chassis in the OEM location. Torque to 45-55 ft/lbs.
11. Grease the inside of the D-bushings and snap them on the ends of the sway bar. Place the brackets over the bushings and mount to the axle using the supplied hardware (Fig. J). Note the location of the washers. Torque to 35-40 ft/lbs.

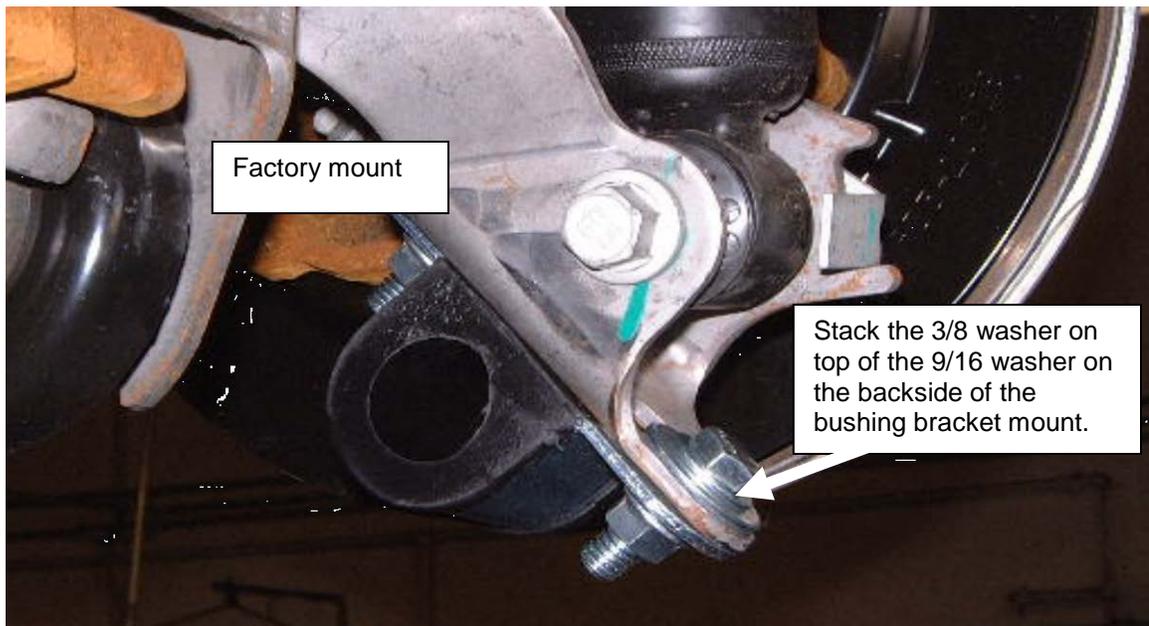


Figure J

12. Your installation is complete. Lower the car to the ground. Check assembly periodically for tightness.

### **Torque Check**

Hardware	Torque
Drop links to chassis	45-55 ft/lbs
Bushing brackets to axle	45-55 ft/lbs