



Part # 12279122 - 2015 - Present Mustang Rear Sway Bar



Recommended Tools



2015-Present Mustang Rear Sway Bar Installation Instructions

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Hardware Torque Specifications	
OEM Mounting Bolts.....	52 ft-lbs
Ridetech Mounting Bolts.....	52 ft-lbs
End Links.....	85 ft-lbs

FOR BEST PERFORMANCE, WE RECOMMEND THE RIDETECH FRONT SWAY BAR (#12279120) IN CONJUNCTION WITH THIS SWAY BAR.

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REV1 7/23/24

Major ComponentsIn the box

Part #	Description	QTY
90003597	Rear Sway Bar	1
90001343	Bushing Strap	2
70015012	1" ID Sway Bar Bushing	2
70014301	1" Clamp Collar	2

Getting Started.....

Note: This sway bar kit utilizes a anti-friction lining in the sway bar bushing. The lining allows the sway bar to move freely and quietly in the bushing. No lubrication is required.

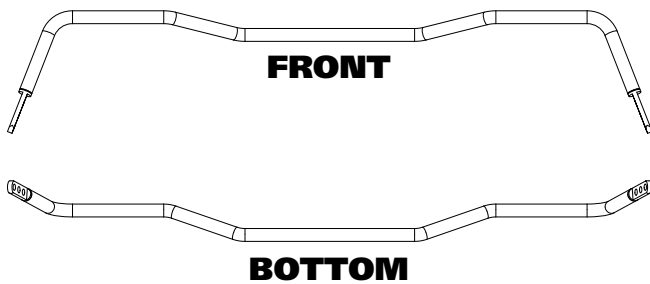
1. Jack the vehicle up to a safe working height and support with jack stands. Make sure the jack stands are stable before working under the car.

TIPS:

The sway bar linkage can be left attached to the lower control arm, but the sway bar end of the linkage must be disconnected from the sway bar.

2. Remove the stock sway bar. Retain the OEM hardware and end links for reassembly.

3.



3. This drawing is provided to illustrate the orientation of the sway bar in the car.

4.



4. Insert the new sway bar into the OEM location. Use **Step 3** as a guide to proper orientation.

5.



5. Install the sway bar bushings on the sway bar. This sway bar was installed on a car with the Ridetech CoilOver kit. The CoilOver kit utilizes a sway bar relocation bracket. See the CoilOver instructions for the installation of this bracket.

6.



6. Slip the bushing straps on to the bushings.
NOTE: On some S650 cars (2024+), the included billet straps may make light contact with the stock exhaust. A low-profile alternate strap is available from Ridetech to eliminate this issue. Part # 90001250.



7.

7. If attaching the sway bar in the OEM location, use the OEM hardware and torque to 52 ft-lbs. If attaching the sway bar to the relocation supplied with the Ridetech CoilOver/Air Suspension kit, use the 3/8" hardware supplied with the suspension kit and torque to 23 ft-lbs.



8.

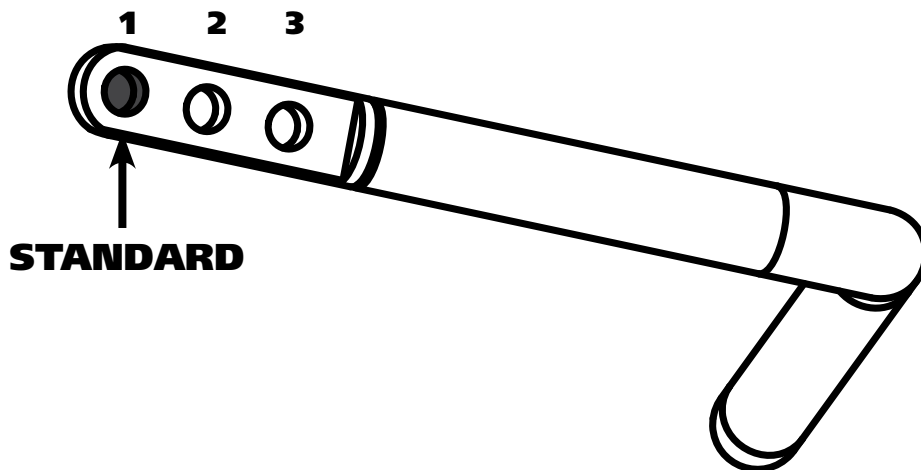
8. Install the OEM sway bar linkage in the FRONT hole of the sway bar. Be sure to put the OEM brake line bracket back on the stud of the linkage. This is a good starting point. See the Sway Bar adjustment note below. Torque the nut to 85 ft-lbs.



9.

9. Install the clamp collars against the inside of each sway bar bushings.

Sway Bar Adjustment



This sway bar has 3 positions to aid in the tuning of your Mustang's handling. We start in the #1 FRONT position and tune from there. The #2 & #3 position to the rear of the car will make the sway bar stiffer with position #3 being the stiffest. The position of the sway bar linkage will be determined by several factors; spring rate, front bar size, and even tire size. Keep in mind, the handling of the car will be affected when you change the linkage location. Drive the car to get accustomed to the new handling characteristics.

Rear Sway Bar Rates:

Hole 1: 165 lbs

Hole 2: 210 lbs

Hole 3: 264 lbs