



**INSTALLATION
INSTRUCTIONS**



Part # 15139123



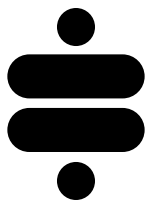
Rear Sway Bar

2006-2015 Mazda Miata



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**Please Read And Understand All Instructions
And Warnings Prior To The Installation Of
This Product.**



THANK YOU

Congratulations on your new Ridetech product! It's an honor that you've selected the Ridetech brand to upgrade your ride. Our products are developed around quality and performance without compromise. We're confident you'll have many years (and miles) of pure driving enjoyment.
Thank you for choosing Ridetech!

Road Map

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COMPONENTS

Part #	Description	Qty
15139122	Rear Sway Bar	1
90003936	End Links (Pair)	1
90003937	Rear Sway Bar Bushing Kit	1

This sway bar features 3 tuning positions to help optimize your car's handling. See the chart and illustration below for hole locations and their associated stiffness rating. We encourage you to drive the car at each position to experience the change in handling characteristics and dial in your preferred setting.

Sway Bar Rates

Position	Rate (lb/in)
1	123
2	157
3	191



**NOTE: The bushings in this kit contain an anti-friction lining.
No lubrication is required.**

Sway Bar Removal

1. Raise the vehicle to a safe and comfortable working height.

2. Disconnect the existing end link from the lower control arm on each side (Figure 1).

3. Remove the 2 nuts securing the sway bar strap/bushing on each side (Figure 2).

DO NOT discard the OE nuts or bushing straps. They will be reused with the new sway bar.

4. Spread open each new bushing and install onto the new sway bar (Figure 3). Position the bushings in the approximate locations indicated by the arrows in Figure 4.



Figure 1



Figure 2

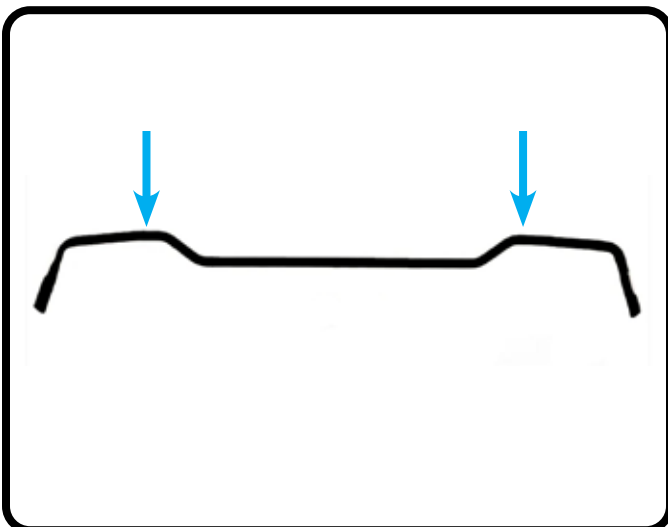


Figure 4



Figure 3

Sway Bar Installation

5. Slide an OE strap over each new bushing as shown in Figure 5.

6. Position the bar in the car at the original mounting location.

7. Align the bushing straps with the studs on the mounting flanges (Figure 7).
Secure using the original nuts and torque to **14-21 ft-lbs.**



Figure 5



Figure 6

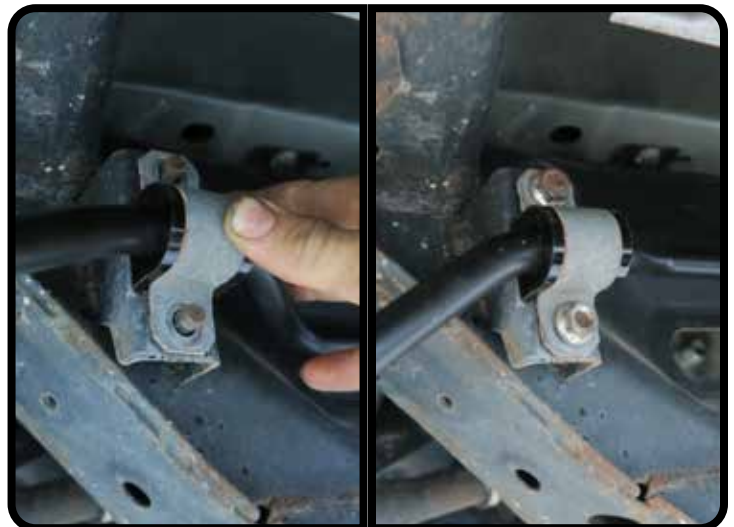


Figure 7

Sway Bar Installation

8. Install a flat washer on each of the end link studs (Figure 8).

9. Install the upper stud of the end link into the hole on the sway bar arm. Install a flat washer and nut (Figure 9). See the chart on page 2 for each hole's stiffness rating. We recommend starting at hole #1 and tuning from there.

10. Install the lower stud of the end link into the tab on the lower control arm. Install a flat washer and nut (Figure 10).

11. Torque the upper and lower end link nuts to **37 ft-lbs.**

NOTE: When tightening the nuts, you will need to use an Allen wrench to keep the stud from turning (Figure 11).

Repeat steps 8-11 on the opposite side.



Figure 8

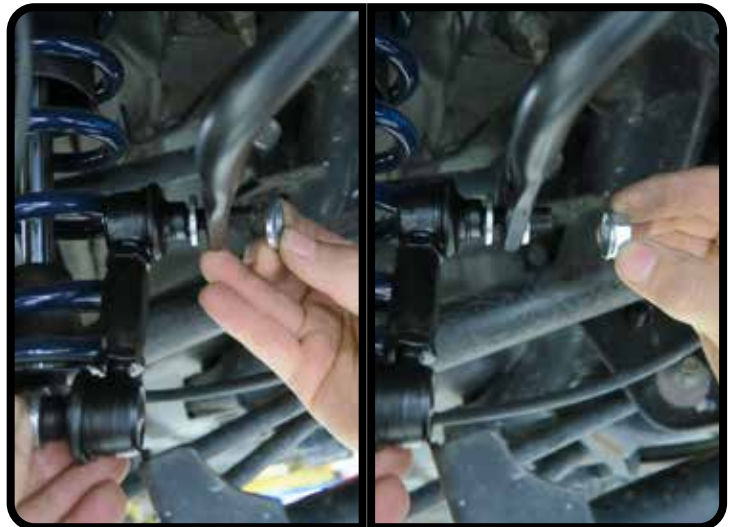


Figure 9

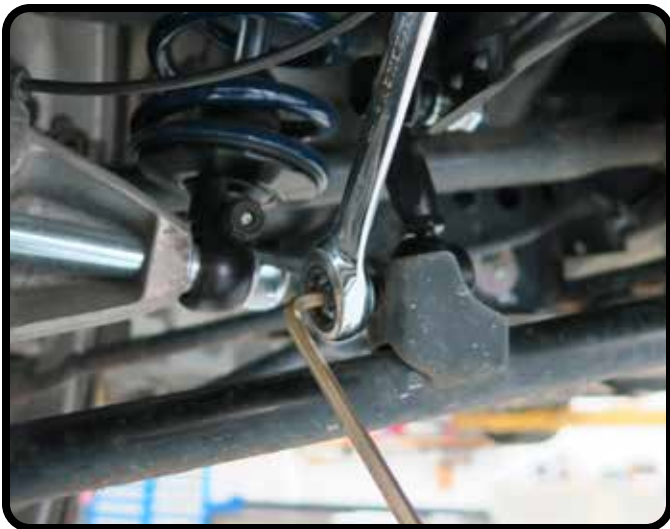


Figure 11



Figure 10