

INSTALLATION INSTRUCTIONS

Adjustable Front Sway Bar End Links

PN 030001



TOOLS NEEDED FOR INSTALLATION

- 15mm Wrench
- 7mm wrench or socket
- Torque Wrench
- 22 mm Wrench
- 17mm Deep Socket
- Ratchet
- Anti-Seize
- 19mm Wrench

OPTIONAL

- Safety Wire
- Safety Wire Pliers

WARNING!

Always wear safety glasses and gloves when working around automotive equipment and follow proper safety procedures.

Please review these instructions carefully. If any part of this procedure seems out of your scope of capabilities, please seek a certified mechanic to perform this installation.

INTRODUCTION

The main goals of replacing your factory sway bar end links are to:

- Increase stiffness and strength of this highly stressed component for a more predictable feel and added safety allowing the sway bar to do its intended duty. This is especially critical when used in conjunction with stiffer aftermarket bars.
- The adjustability allows you to accurately maintain and correct the vehicles intended stiffness by fine tuning the sway bars static position relative to the chassis. This is especially critical in lowered vehicles and/or turn specific tracks where pre-load is beneficial.

INSTALLATION

Start by raising the vehicle off the ground. This procedure can be done without removing your wheels and tires, but may give better access for those without a lift.

Next remove your factory sway bar end links with a 15MM wrench on the nut and a 7MM wrench on the stud to prevent it from rotating. Pay attention to the orientation of the end link in relation to the sway bar and strut, as this will be duplicated with the replacement links (**Figures 1 and 2**).

As a starting point, adjust one of the replacement end links to the same length as the factory piece and hand tighten the jam nuts, ensuring that an equal amount of threading exists on each side of the center link shaft. Factory length from center of stud to center of stud is 390mm. Make sure to replicate direction of studs to factory unit. Keyway washers will lock the rod ends in place at 180° increments. It is recommended to use Anti-Seize on the threads of the rod end going into the aluminum sleeve (**Figure 3**).

Install this end link on the driver side sway bar and strut using a 15MM wrench on the stud and 17MM socket on the nuts. make sure that a washer is placed on each side of the mount holes. Torque the supplied nuts to 36 ft-lb. (**Figures 4 and 5**)

Repeat for the passenger side.

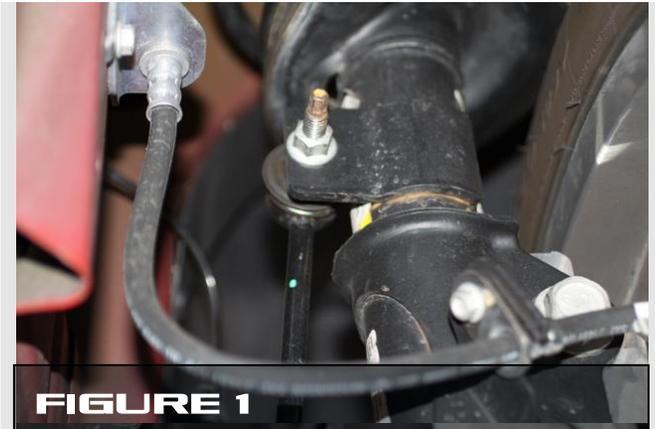


FIGURE 1



FIGURE 2



FIGURE 3

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ADJUSTING YOUR END LINKS

Adjusting end links is necessary for a few different reasons:

1. To remove acute angle to sway bar. If the car is lowered and/or has sway bars with different holes for adjusting the rate, it will be necessary to adjust the end links so that the studs are not at an extreme angle at ride height and the link is as perpendicular to the sway bar as possible to be the most effective. Failure to adjust accordingly will cause the end link to run out of misalignment and bind.
2. Adding or removing preload. For a street driven car or track car that utilizes both right and left turns you will want to remove preload in the sway bar that will exist from different suspension settings and corner weights. The second link should easily slide straight into the sway bar hole if adjusted correctly. For tracks that have predominant right or left turns you may want to play with preloading the sway bar.

HOW TO SAFETY WIRE YOUR LINKS

Our links have drilled jam nuts and a wire tab on the keyway washer so that they can be safety wired to prevent them from loosening. Reference Figure 6. Make sure to route the wire around the direction that the nut loosens.

You are now finished with the installation of your new adjustable sway bar end links and can take your vehicle for a test drive.

FOLLOW-UP

It is recommended that after you put a few miles on your car that you raise it back up and ensure that all components of the end links are still properly torqued down and have not become loose. This procedure would be good practice to check before and after any type of track event with the vehicle as well.

**THANK YOU FOR CHOOSING PROVEN
WICKED AS YOUR PERFORMANCE
SOLUTION**

Please contact us via email if you have any questions or concerns.:
sales@provenwicked.com



FIGURE 4

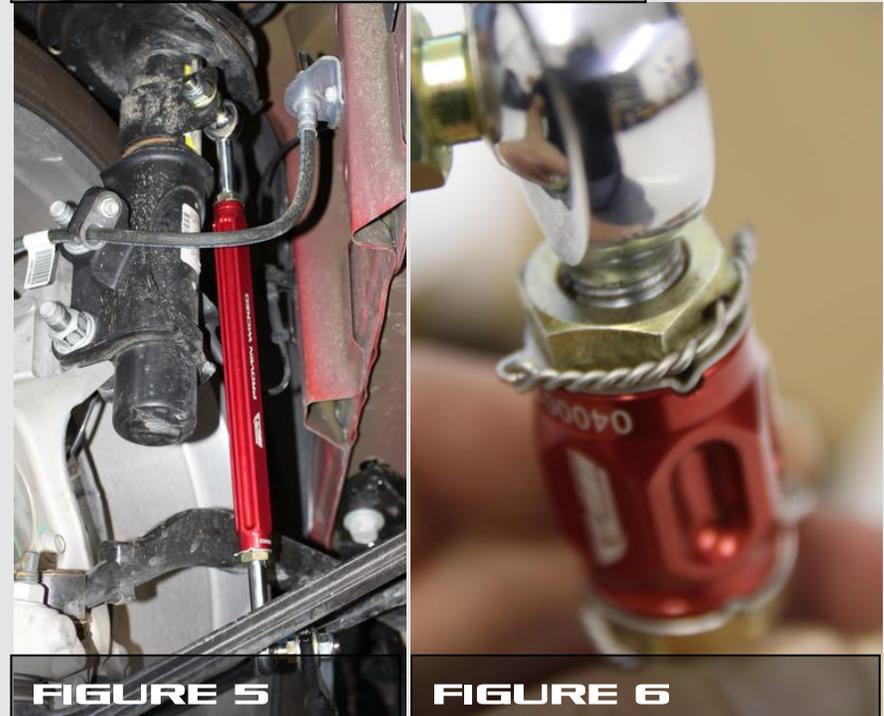


FIGURE 5



FIGURE 6