

# PERRIN

## PERFORMANCE

### 16mm Rear Sway Bar for BRZ/FR-S

2015-08-20

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)

Instant Chat off the main page of [www.PERRINperformance.com](http://www.PERRINperformance.com)

Or simply call our tech team at 503-693-1702

#### SUSPENSION INSTALLATION NOTE

Installation of this product is a modification to the vehicle suspension. As a result, the vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat belts, and drive safely, recognizing that reduced speeds and specialized driving techniques may be required. Failure to drive this vehicle safely may result in serious injury or death. Do not drive this vehicle unless you are familiar with its unique handling characteristics and are confident of your ability to maintain control under all driving conditions. Some modifications (and combinations of modifications) are not recommended and may not be permitted in your state or country. Consult your owner's manual, service manual, instructions accompanying this product, and local laws before undertaking these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.

#### SPECIAL NOTES:

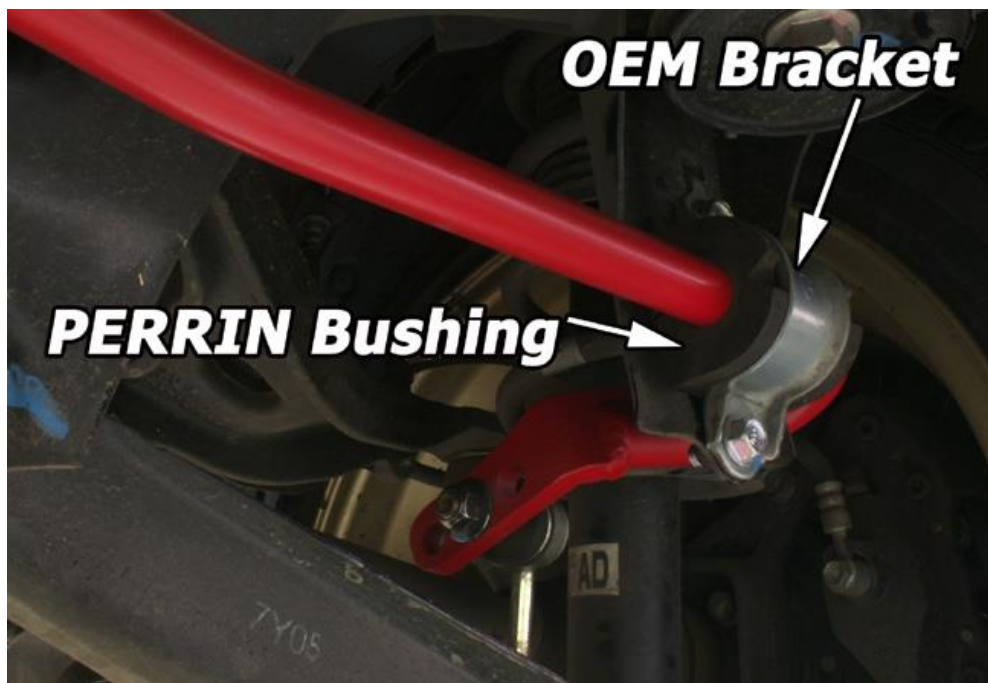
- The use of a factory service manual is highly recommended. These can be downloaded online at <http://techinfo.subaru.com>

#### Parts Included with the PERRIN BRZ/FR-S Rear Swaybar:

- (1) 16mm BRZ/FR-S Rear Sway bar
- (2) 16mm Sway bar bushing
- (1) Energy Suspension Grease Packet

#### Installation PERRIN Sway Bar

1. Park car on a smooth level surface. Using suitable commercial vehicle hoist or floor jack, raise vehicle onto jack stands. NEVER WORK UNDER A VEHICLE SOLELY SUPPORTED BY A JACK! DEATH OR INJURY MAY OCCUR.
2. Using factory service manual as a guide, remove (2) 14mm nuts securing endlink to sway bar, and 12mm bolts securing OEM bushing bracket to chassis on each side of car.
3. Remove OEM sway bar along with bushings from car.
4. Using supplied lube, generously lubricate internal sleeves on bushings, and install bushings over sway bar. Rotate bushings around sway bar to ensure the grease covers all surfaces of bar.
5. Install OEM bushing bracket removed previously, over bushing. Secure bushing bracket with OEM bolts and tighten to 12ft-lbs.



6. Connect end links using hardware removed previously. End links can be bolted to any of the mounting holes. The hole closest to the front of the car is the softest setting; the hole closest to the rear is the stiffest setting. **NOTE: Aftermarket endlinks may not be able to reach all holes depending on which settings you use. Double check that there is ZERO binding at all suspension angles before driving car! Also see manufacture for fitment if you are concerned.**
7. Lower car from jack stands. Road test vehicle. If “squeaking” is noted in rear of car, re-grease bushings.



Percentage Increase in stiffness over OEM Rear 14mm Sway bar where 100% is no change to stiffness.

	Setting #1	Setting #2	Setting #3
PERRIN 16mm	130%	165%	216%
PERRIN 19mm	270%	330%	440%

NOTE: STIFFER SETTINGS WILL INCREASE VEHICLES TENDENCY TO OVER STEER. SOFTER SETTINGS WILL INCREASE VEHICLES TENDENCY TO UNDER STEER. THE HANDLING OF YOUR VEHICLE WILL BE AFFECTED DRAMATICALLY WITH THE INSTALLATION OF THIS SWAY BAR AND THE END LINK POSITION YOU CHOOSE. DRIVE VEHICLE CAUTIOUSLY UNTIL YOU BECOME FAMILIAR AND ACCUSTOMED TO THE NEW HANDLING CHARACTERISTICS OF YOUR VEHICLE!

Questions, Comments and Suggestions Contact: [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)  
 Visit Our Website for Instant Chat Options at [www.PERRINperformance.com](http://www.PERRINperformance.com)  
 Call Our Tech Team at 503-693-1702