

# **PERRIN**

## **PERFORMANCE**

### **STI 25mm Rear Sway bar Kit**

2014-06-03

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:**

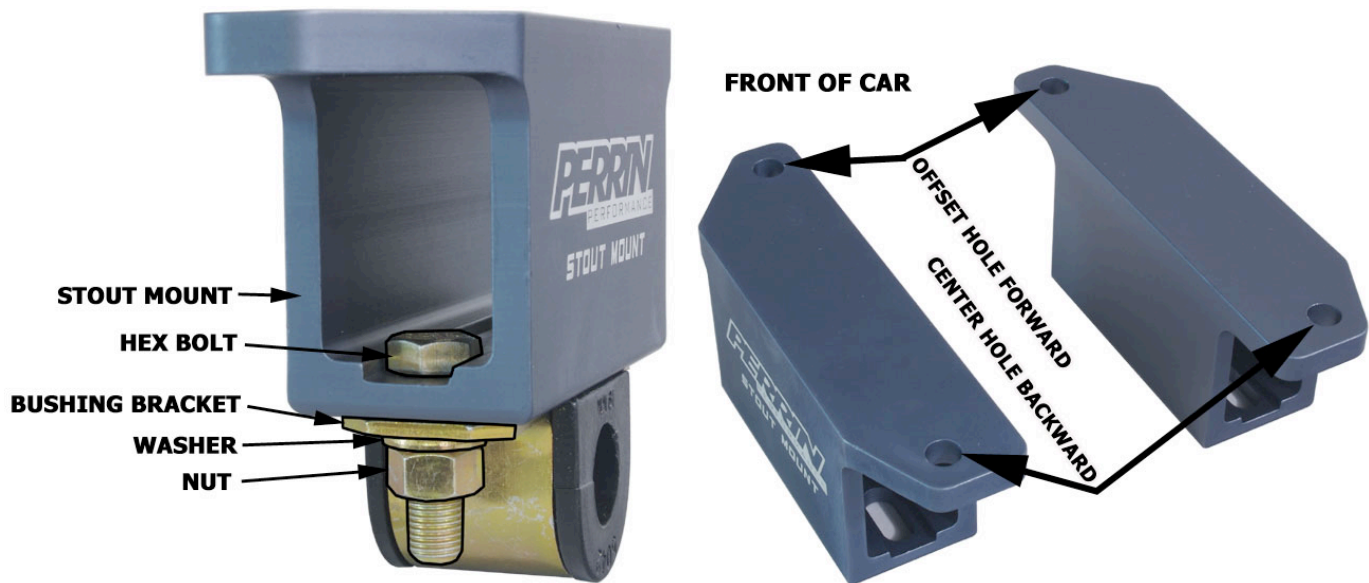
- The use of a factory service manual is highly recommended. These can be purchased or downloaded online at <http://techinfo.subaru.com>.
- <http://subaru.spx.com> is a place to buy OEM tools.
- It is critical that all bolts and nuts are tightened, improper tightening can cause serious injury or death.
- The use of a penetrating oil will greatly reduce the chances of galling threads on bolts as they are removed.
- We highly recommend the use of anti-seize on threads of all bolts, when reassembling.

#### **Parts Included with the PERRIN Rear Sway bar Kit:**

- (1) Rear 25mm STI Sway bar with 2 holes
- (1) Set of Stout Mounts
- (1) 25mm(9.5179) bushing Set
- (4) M8x40mm Grade 8 Hex bolts
- (4) M8 Washers
- (4) 3/8-24x1" Grade 8 Hex bolts
- (4) 3/8 grade 8 nuts

#### **Install PERRIN Swaybar/Drop Down Brackets**

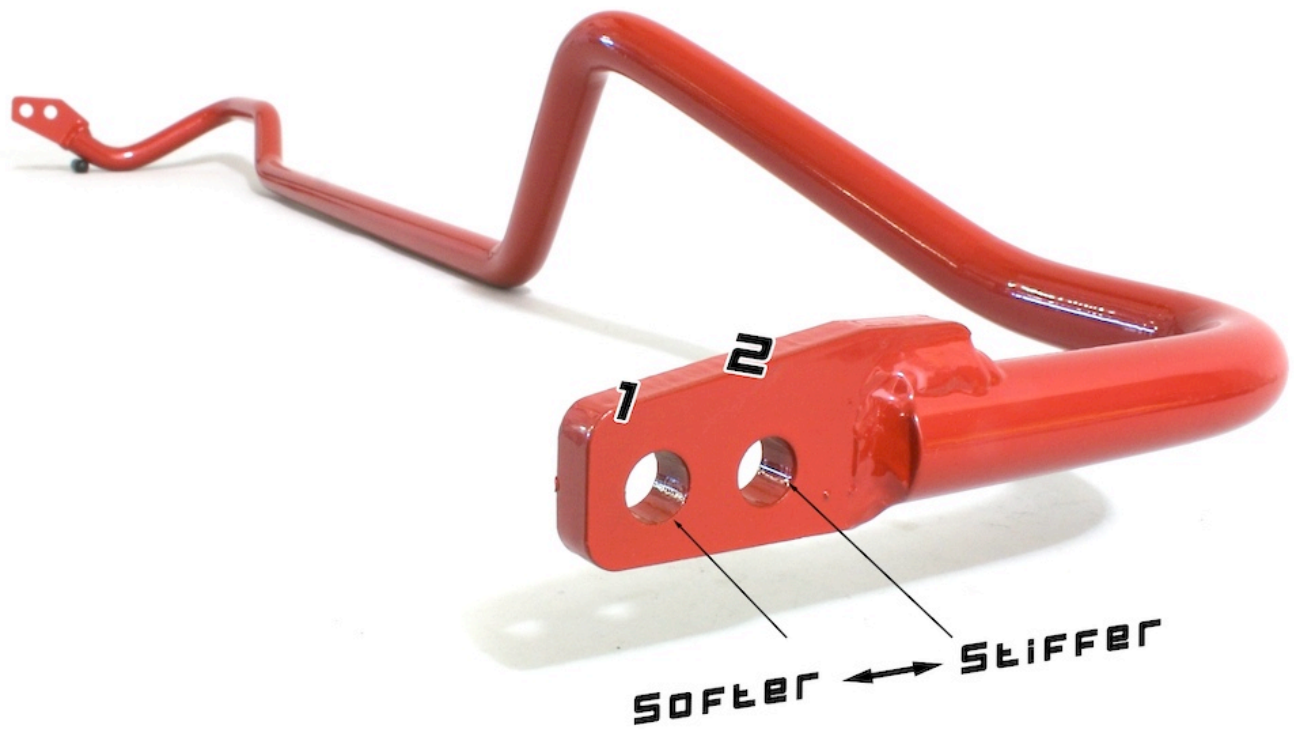
1. Park car on a smooth level surface. Using suitable commercial vehicle hoist or floor jack, raise vehicle onto jack stands. NEVER WORK UNDER A VEHICLE SOLELY SUPPORTED BY A JACK! DEATH OR INJURY MAY OCCUR.
2. Disconnect endlinks from existing sway bar. Depending on endlinks installed, this step can vary.
3. Remove stock sway bar from factory Drop Down Brackets, by removing (2) 12mm bolts, and (2) 12mm nuts.
4. Remove factory drop down brackets from chassis by removing (4) 12mm bolts.
5. Install PERRIN Sway Bar Mounts as shown. See Fig. 1 for correct Sway Bar Mount alignment. Failure to install correctly will result in improper alignment of sway bar bushings! Tighten supplied M8 bolts to 20ft-lbs.
6. Generously grease bushings using supplied grease and place them on new PERRIN bar. Align bushings and bushing brackets on sway bar, with dropdown brackets prior to installing. Install sway bar on PERRIN Sway Bar Mounts using the supplied bolts/washers. Tighten bolts to 30ft-lbs.
7. There is some adjustment front to back on the bushings, which can aid in different endlink, swaybar, and muffler combinations clearing one another. This should be adjusted after car is lowered to ground to check for clearance issues.
8. Connect end links using stock hardware removed previously. Tighten nuts to 40ft-lbs.
9. Lower car from stands and road test vehicle. If "squeaking" is noted in rear of car, re-grease bushings.



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!



Complete sway bar, Stout Mount, and Endlinks installed.



**Percentage Increase in stiffness over OEM 22mm bar**

	Setting #1	Setting #2	Setting #3
PERRIN 25mm	496%	617%	788%

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)

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