

# PERRIN

## PERFORMANCE

### 25mm STI/WRX Front Adjustable Sway Bar

2014-05-16

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>. Factory tools can be purchased at <http://subaru.spx.com>.
- It is critical that all bolts and nuts are tightened, improper tightening can cause serious injury or death.
- Make sure to use supplied Energy Suspension grease with installation. Do not use regular grease.

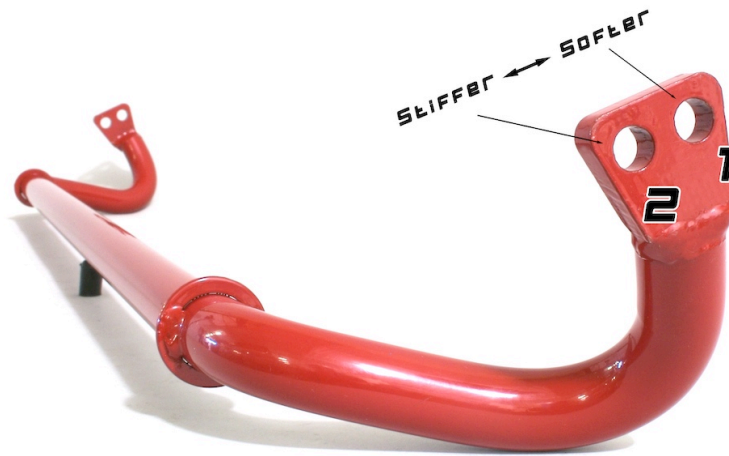
#### Parts Included with the PERRIN WRX/STI Front Swaybar:

- (1) 25mm Front Subaru swaybar
- (2) 25mm(5664) Sway bar bushings
- (1) Energy Suspension Grease Packet

#### Install PERRIN sway bar:

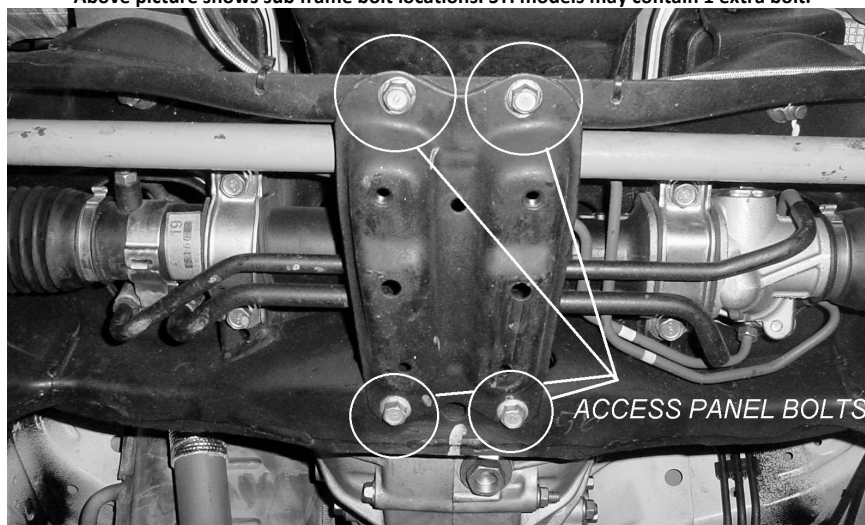
1. Park car on a smooth level surface. Using suitable commercial vehicle hoist or floor jack, raise vehicle onto jack stands. NEVER WORK UNDER A VEHICLE SOLELY SUPPORTED BY A JACK! DEATH OR INJURY MAY OCCUR.
2. Remove front splashguard. Locate (3) 12mm bolts, and (4-6) plastic pop-it connectors.
3. Remove "C" shaped under chassis brace from chassis. Remove square panel from sub frame by removing (4) 12mm bolts.
4. Remove end links, bushings and brackets to remove stock swaybar. Leave endlinks attached to control arm.
5. Generously grease bushings using supplied grease and place bushings on bar. Align bushings with chassis prior to installing.
6. Install the PERRIN bar using supplied bushings and OEM brackets. **Note: Swaybar installs/dips under steering linkage not over!**
7. Connect end links using stock hardware removed earlier.
8. End links can be bolted to either of the two mounting holes. The hole closest to the front of the car is the stiffest setting; the hole closest to the rear is the softest setting. NOTE: Stiffer settings will reduce vehicles tendency to over steer.
9. Re-Install square panel from sub frame. Tighten (4) 12mm bolts/nuts to 25ft-lbs. Reinstall "C" shaped under chassis brace. Tighten 12mm bolts to 25ft-lbs, 17mm bolts to 41ft-lbs, and 14mm bolts to 52ft-lbs.
10. Reinstall engine splashguard removed earlier. Tighten 12mm bolts to 18ft-lbs.
11. Lower vehicle from jackstands or hoist, and proceed to test drive. If "squeaking" is noted in front of car, re-grease bushings.

NOTE: STIFFER 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!



**Percentage Increase in stiffness over OEM 21mm bar**

	Setting #1	Setting #2
PERRIN 25mm	215%	260%



Questions, Comments and Suggestions Contact: [Tech@PERRINperformance.com](mailto:Tech@PERRINperformance.com)  
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 Call Our Tech Team at 503-693-1702