



## Rear Shock Tower Brace for 2022+ WRX

2023-11-22

PSP-SUS-042

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 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@PERRIN.com](mailto:Tech@PERRIN.com)

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

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



**WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### 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.

### Parts Included with the PERRIN Rear Shock Tower Brace:

QTY :	Part#:	Part Description:
2	X-PSP-SUS-041BK	Rear Shock Tower Bar Foot Black
1	X-PSP-SUS-057-1BKL	Strut Brace Cap Left Black Anodized
1	X-PSP-SUS-057-1BKR	Strut Brace Cap Right Black Anodized
1	X-PSP-SUS-042-1	Shock Tower Bar 35.9"
8	X-BLT-M6X14CSB-SSBO	M6 x 14mm Button Head Socket cap screw Black Oxide SS

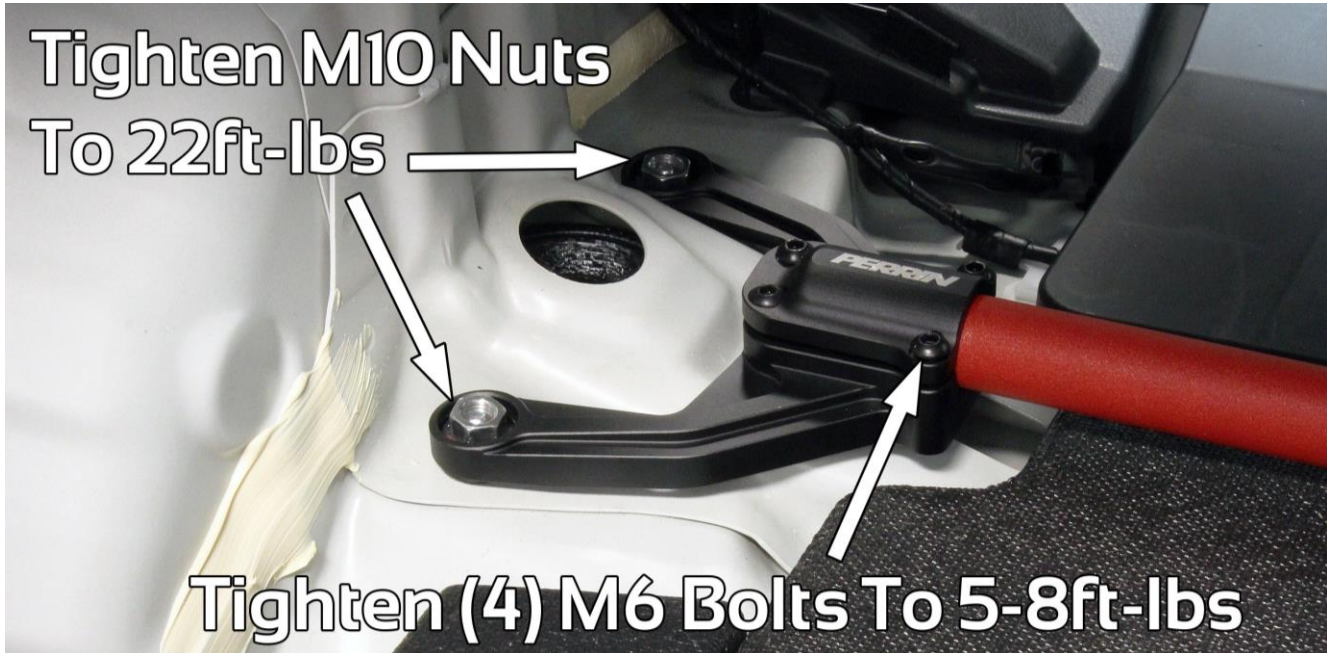
### Installation:

1. Open trunk of vehicle, remove carpet and locate rear shock towers located under the felt trunk liner flaps on both sides of the car.
2. Lift up flaps and remove (4) M10 nuts securing the shocks to the chassis. **NOTE: Do not raise the car off the ground after removing nuts!**



3. Loosely assemble Rear Shock Tower Brace outside of car:
  - a. Set both feet down, then set bar into feet.
  - b. Install supplied caps onto feet using supplied M6 bolts. Leave bolts loose at this time.

4. Place assembled shock tower bar onto shock studs. **NOTE: Some alignment of bar and feet will need to occur to get all (4) holes to line up to the studs.**
5. Reinstall carpet under bar, then tighten all (4) M10 nuts to 22ft-lbs, then tighten M6 bolts on caps to 5-8ft-lbs to secure.
6. Take vehicle for test drive and then recheck hardware to make sure nothing came loose.



Trunk liner is removed in pictures to better show the top of the shock tower

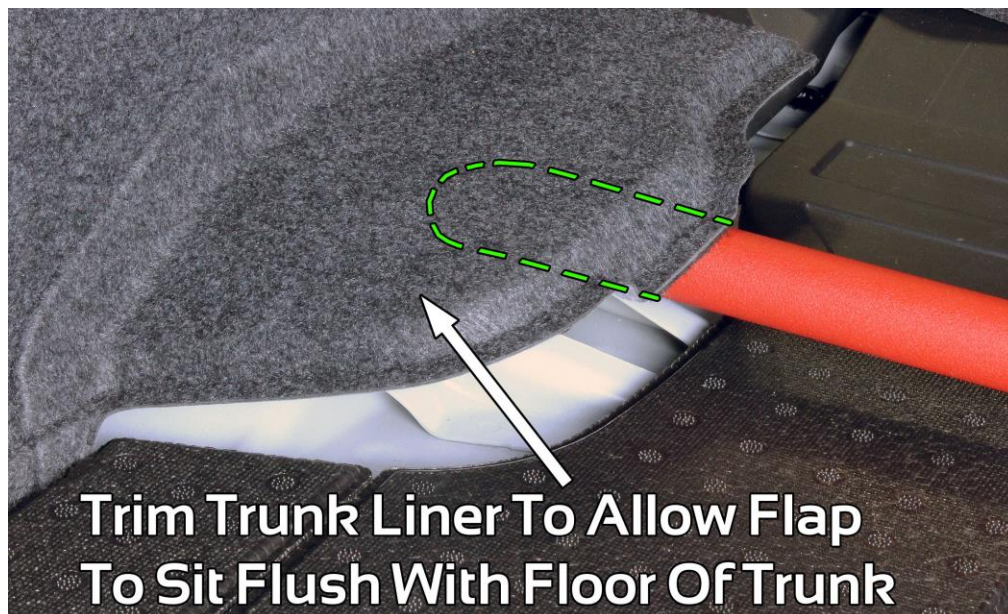
## Trunk Liner Trimming

There are a couple of options for how to deal with the trunk liners after installing the PERRIN Rear Shock Tower Bar. For cutting, we recommend an X-acto knife or utility type scissors (like kitchen shears).

**Option #1:** Leave the flaps resting on the bar and feet. Just be aware that over time the trunk panels may change the finish of part as they move and vibrate.

**Option #2:** Cut a large opening to allow the bar and feet to pass through the side panels. Take your time by cutting a small slit where the bar passes through then slowly open it up until the desired shape is had.

**Option #3:** Cut a slit that allows the bar to pass through but leave the side panels long enough to fold under the bar and feel. This method will have the best looking outcome if done properly. Again, take time and start with small cuts.



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