

PERRIN

Strut Brace for 2018+ Impreza/Crosstrek

2021-06-23

PSP-SUS-058

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@PERRIN.com

Instant Chat off the main page of 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

SUSPENSION INSTALLATION NOTE

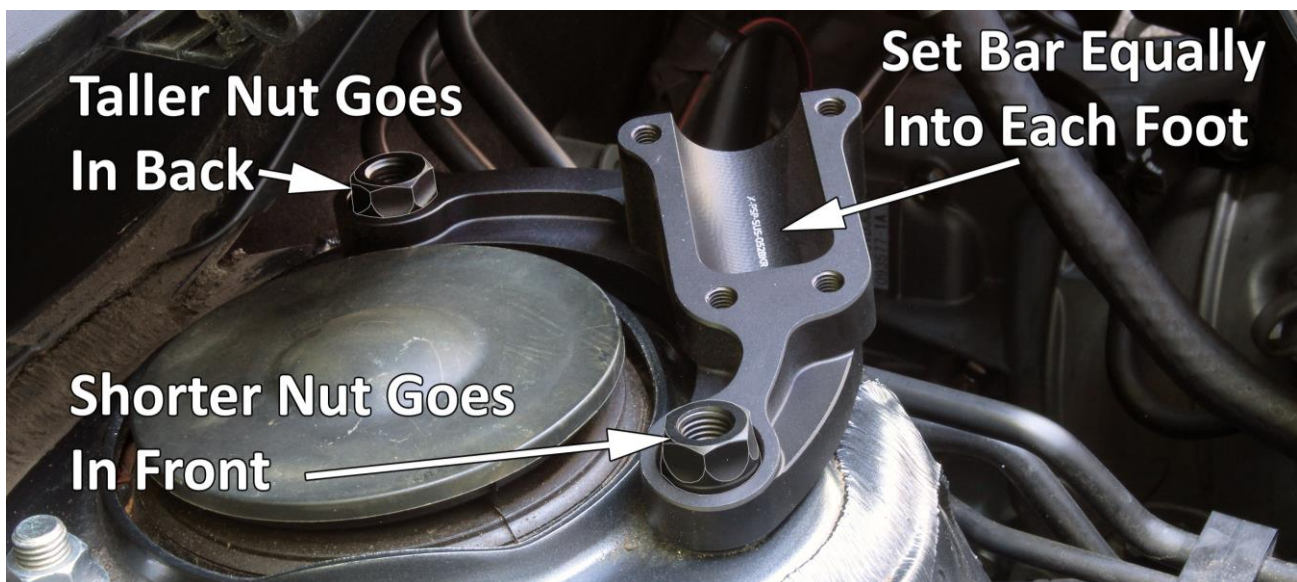
Installation of this product is a modification to the vehicle suspension. As a result, the vehicle may handle differently than that of factory-equipped vehicles. As with any vehicle extreme care must be used to prevent loss of control or roll-over during sharp turns or abrupt maneuvers. Always wear seat 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 in 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:

- Leave vehicle on the ground during installation.
- Bar may be tight fitting if car has been in an accident. Take extra time aligning each side before final tightening.

Parts Included with the PERRIN Front Strut Bar:

- (1) Pair of Left and Right feet
- (2) Strut Foot Caps
- (1) Crossbar
- (2) Billet Short M10 Nuts
- (2) Billet Tall M10 Nuts
- (8) M6x14 Button Head Cap Screw
- (1) M4 Hex Wrench



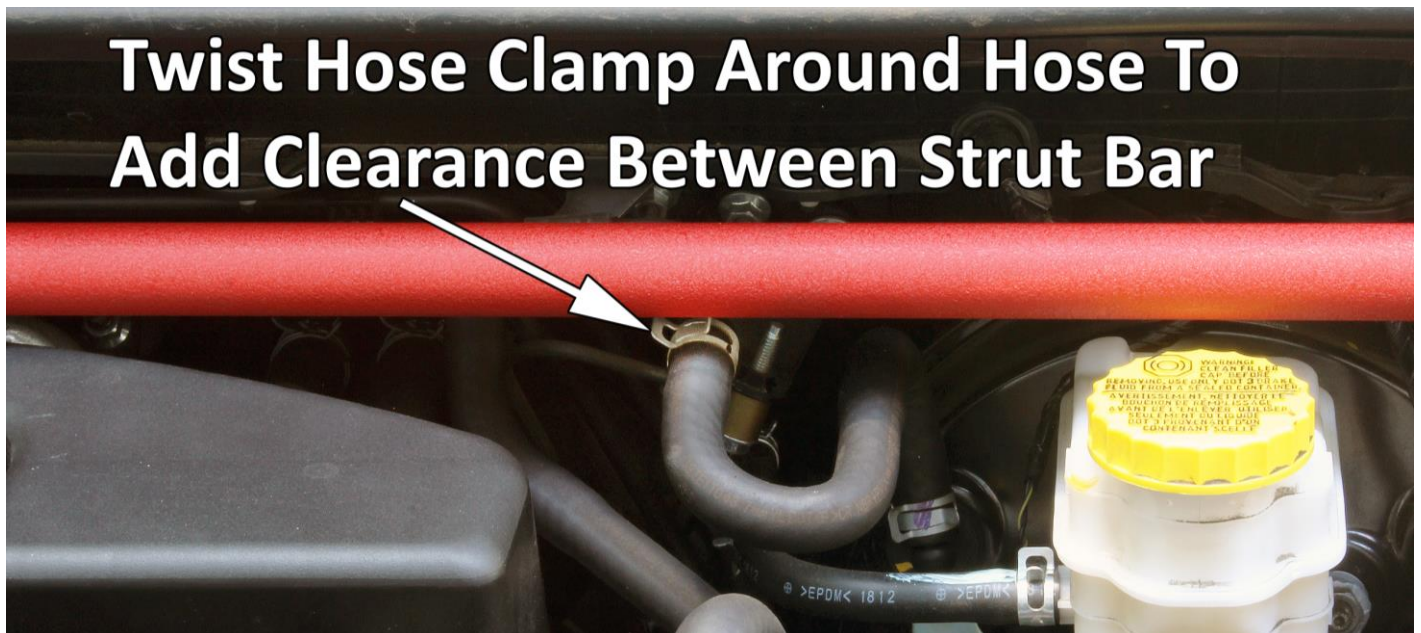
Strut Brace Instructions:

- 1) Remove inner and forward most (4 total) OEM strut top nuts using a 14mm socket.
- 2) Set both strut bar feet onto strut tops as shown and install supplied Billet Nuts, making sure to put the taller nut in the rear (toward the firewall) and the shorter nut in the front. Leave nuts roughly 1 turn loose.

- 3) Set bar onto feet so there is roughly the same amount resting in each foot. **NOTE: Some misalignment may be noticed during this step, this is normal and to be expected. The bars are not designed to bottom out on the inside of the foot, so expect there to be a gap from the end of the bar to the inside of the foot.**
- 4) Set supplied strut bar caps onto each foot and install supplied hardware but leave loose until both caps are installed. Finger tighten each bolt so that the cap evenly sits on foot.
- 5) Tighten nuts on strut tops to 22ft-lbs. **Note: Take care when tightening to not mare finish on feet. Using a 6pt 15mm socket and even a bit of tape on the bottom of it will keep this from getting scratched.**



- 6) Starting with the inner, working toward the outer M6 bolts on each foot, hand tighten them making sure there is an even gap all the way around. Using proper 1/4" drive or 3/8" torque wrench, tighten all (8) M6 socket cap screws to 5ft-lbs, then to 10ft-lbs or 96 to 120in-lbs. **DO NOT OVER TIGHTEN!! Using supplied M4 short arm wrench to hand tighten is also acceptable, just make sure to tighten then down evenly.**
- 7) If bar appears to be slightly misaligned to engine, simply loosen the (8) M6 bolts and adjust bar by sliding in and out of each foot, then retighten hardware.



- 8) Add clearance between strut bar and brake booster hose by either rotating hose clamp down or pushing down on piping to bend it out of the way.

Questions, Comments and Suggestions Contact: Tech@PERRIN.com

Visit Our Website for Instant Chat Options at www.PERRIN.com

Call Our Tech Team at 503-693-1702