

PERRIN

BRZ/FRS/86/GR86 Master Cylinder Brace

2024-11-06

PSP-BRK-406

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

GENERAL MODIFICATION NOTE

Modifications to any vehicle can change the handling and performance. 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 a vehicle safely may result in serious injury or death. Do not drive a 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 the owner's manual, service manual, instructions accompanying these products, and local laws before purchasing and installing these modifications. You are responsible for the legality and safety of the vehicle you modify using these components.



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

WHICH WAY IS THE RIGHT WAY?

In ALL situations, when describing left and right sides of the vehicle it is always as though you are sitting in the driver's seat looking forward.

Example of a US Market Vehicle: If standing in front of the car, looking at the engine bay, the Drivers side is described as the LEFT side the vehicle.

SPECIAL NOTES:

- This part only fits on left hand drive vehicles.

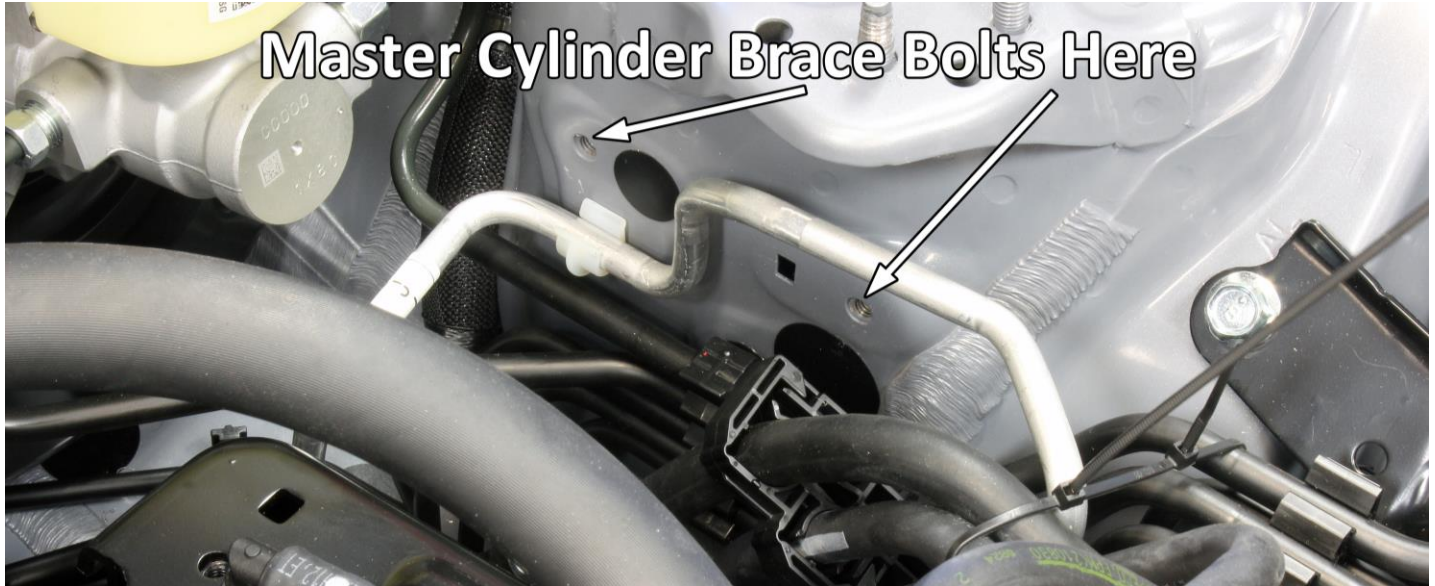
Parts Included with the PERRIN Master Cylinder Brace:

- (1) Master Cylinder Support
- (1) M6 SS washer
- (2) M6x20 Socket Cap Screw
- (1) M12x35 SS set screw
- (1) M12 SS jam nut



Installation of PERRIN Master Cylinder Brace

1. Locate black plastic fuel line holder on left side of vehicle and remove using needle nose pliers to free from steel bracket. **NOTE: Picture shown is 2022+MY which has a much larger bracket. Previous models have smaller bracket.**
2. Using 10mm socket or wrench remove fuel line bracket from shock tower.
3. Locate and remove sticker covering M6 hole on shock tower as show below. This hole is used for mounting the PERRIN Master Cylinder Brace.



4. Using (1) supplied M6x20 bolt in hole closest to M12 Set screw, Install PERRIN Master Cylinder Support to chassis as shown below.
5. Install remaining supplied M6 bolt & washer, through hole in fuel line bracket, install bolt and bracket through remaining hole in PERRIN Master Cylinder Support Bracket. **NOTE: Make sure and line up small tab with hole in PERRIN Master Cylinder Support Bracket, as this keeps the bracket aligned properly for next step.**



6. Tighten both M6 bolts to 12-14 ft-lbs, then snap plastic fuel line holder into bracket.



Install M6 Bolt Through Bracket Then Tighten Both to 12-14ft-lbs

7. Using supplied M6 wrench, tighten set screw into master cylinder until it touches. From this point, turn set screw roughly $\frac{1}{2}$ to 1 full turn to preload some tension on part. Lock nut to body of Master Cylinder Support using 19mm wrench. **NOTE: Its common to see master cylinder move slightly left or right while tensioning.**
8. For 2022+ models, take note of clearance between aluminum AC tubing and notch in brace. Pull up on tubing, and pushing tubing toward the shock tower may be needed to add clearance. This tubing is very bendable and will NOT require special tools to bend.
9. After 5-7 days of driving, recheck hardware for tightness.



Tighten M12 Screw Then Lock Down Jam Nut

Snap Fuel Lines to Bracket

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