

PERRIN

02-07 WRX/STI Master Cylinder Support Brace

2024-11-06

PSP-BRK-400

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

Instant Chat off the main page of www.PERRINperformance.com

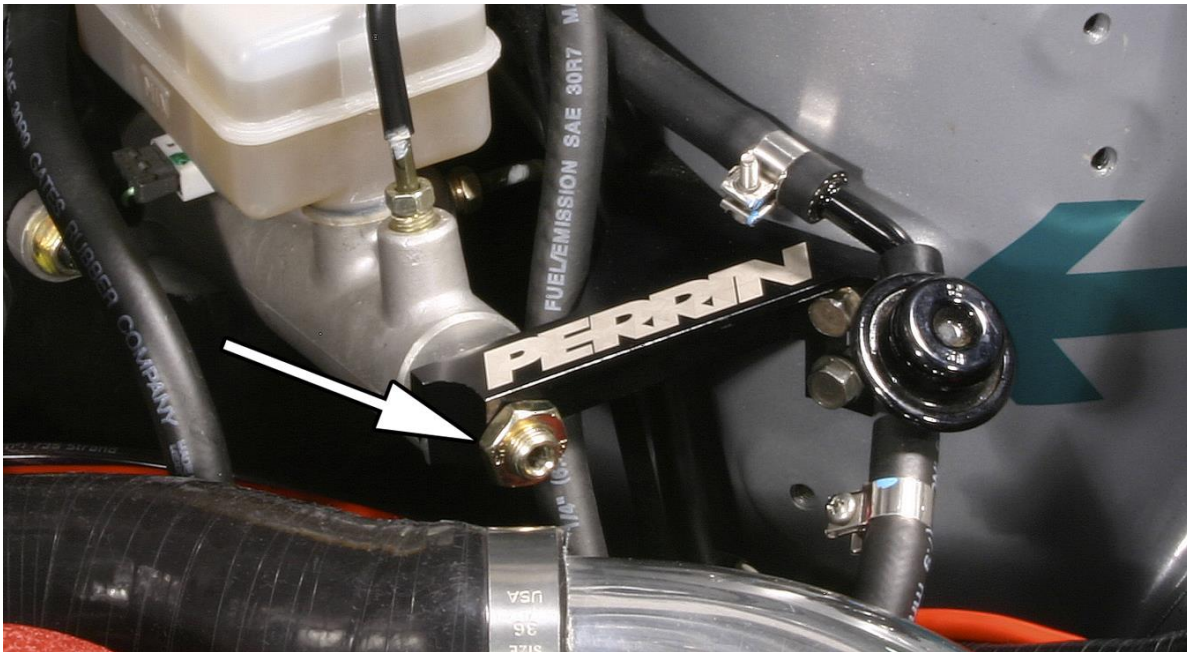
Or simply call our tech team at 503-693-1702

SPECIAL NOTES:

- The use of a factory service manual is highly recommended. These can be purchased or downloaded online at <http://techinfo.subaru.com>.
- Cars with OEM fuel filter in engine bay will have to secure filter using other methods. Simply resting filter on top of master cylinder support will work fine, but eventually cause damage to both parts.
- The master cylinder support only fits left hand drive vehicles.

Parts Included with the PERRIN Master Cylinder Brace:

- (1) PERRIN master cylinder support
- (4) M6 SS washers
- (1) M6 Fender washer
- (1) M6 SS nut
- (3) M6x25 SS Button head socket cap screw
- (1) M12x30 SS set screw
- (1) M12 SS jam nut



Installation of PERRIN Master Cylinder Brace

1. 02-05 WRX and STIs remove window washer bottle from drivers side shock tower. Disconnect pump connector (or connectors on wagon models). Disconnect hose (or hoses on wagon models) making sure not to dump all remaining fluid onto car. 06+ cars do not have washer bottles located on shock tower, and can skip this step.
2. 02-04 WRXs remove fuel filter from bracket on passenger side shock tower. Carefully move fuel filter out of the way, and remove bracket from shock tower. The 2 threaded holes will be used to mount the PERRIN master cylinder support bracket. 05+ WRX's and all STI models do not have fuel filter mounted on shock tower and can skip this step.
3. 05-07 WRXs and **all** STI models need to remove fuel line holder bracket from shock tower. This will not be reused.
4. Locate small hose and find clip that passes through shock tower into wheel well. This hose and clip is roughly 2-3" back from 2 threaded holes where fuel line/filter holder bolted to. Remove hose and connector from hole, as this will be used to mount 3rd point on PERRIN Master Cylinder Support.

5. 06-07 WRXs have a secondary air injection pump that needs to be moved out of way to access bolt for fuel holder. Remove 2 bolts on shock tower, one bolt toward battery, hose on top of pump, and electrical connection, to remove from car. This will be reinstalled later.
6. Install master cylinder brace loosely onto 2 threaded holes on shock tower using supplied M6 bolts and washers.
7. Using supplied M6 bolt, place bolt with M6 washer through master cylinder brace, into hole on shock tower.
8. Jack up car on drivers side and support with jack stand. Locate M6 bolt where it passed through shock tower. Install supplied fender washer and nut onto bolt protruding through wheel well.
9. Snug all 3 nut/bolts, then tighten 2 bolts in engine bay to 15ft-lbs, then bolt in wheel well to 15ft-lbs. Once this is done, raise car and remove jackstands and drop car to ground.
10. Install supplied set screw into brace, making sure to put socket head portion away from master cylinder. Install supplied nut loosely to socket head bolt. Tighten socket set screw until it touches master cylinder. Tighten set screw half to one full turn. Lock down setscrew by tightening lock nut to master cylinder brace, using a 19mm wrench.
11. 02-04 WRXs, install fuel filter back onto shock tower. The OEM bracket will not be reused and fuel filter will not fit securely to chassis. An aftermarket inline fuel filter can be purchased and mounted in a new location.
12. 05+WRXs and STI models will not reinstall fuel line bracket to shock tower. Make sure fuel lines are secured out of way of sharp corners on master cylinder brace.
13. 02-05 WRXs install washer bottle back onto shock tower, making sure to hookup water pump electrical connection, and washer hose connection.
14. 06-07 WRXs install secondary air injection system back to car. Make sure all electrical connections are plugged back in.

For questions & comments please contact

TECH@PERRINPERFORMANCE.COM

503-693-1702

See website for Live Chat options