

# PERRIN

## Master Cylinder Brace for 2015 WRX/STI

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.

### 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.

### SPECIAL NOTES:

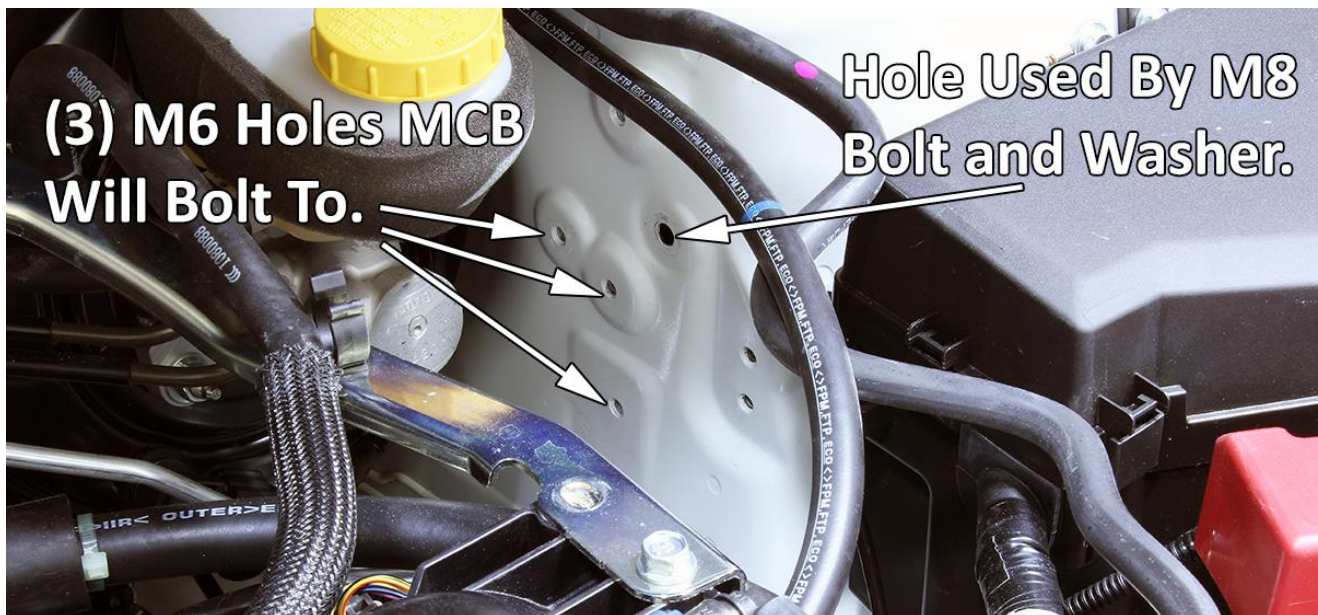
- Wrenches are included to aid in the installation, but we highly recommend using an M5 hex socket with an extension to tighten down all M6 bolts. Due to the tight space constraints, this will make the installation go much quicker.

### Parts Included with the PERRIN Master Cylinder Brace:

- (1) 2015 WRX/STI Master Cylinder Support Bracket
- (1) M5 Hex Wrench
- (1) M6 Hex Wrench
- (1) M8 SS Fender Washer
- (1) M8x16 Socket SS Cap Screw
- (3) M6x25 Socket Cap Screw
- (1) M12x30 SS set screw
- (1) M12 SS jam nut

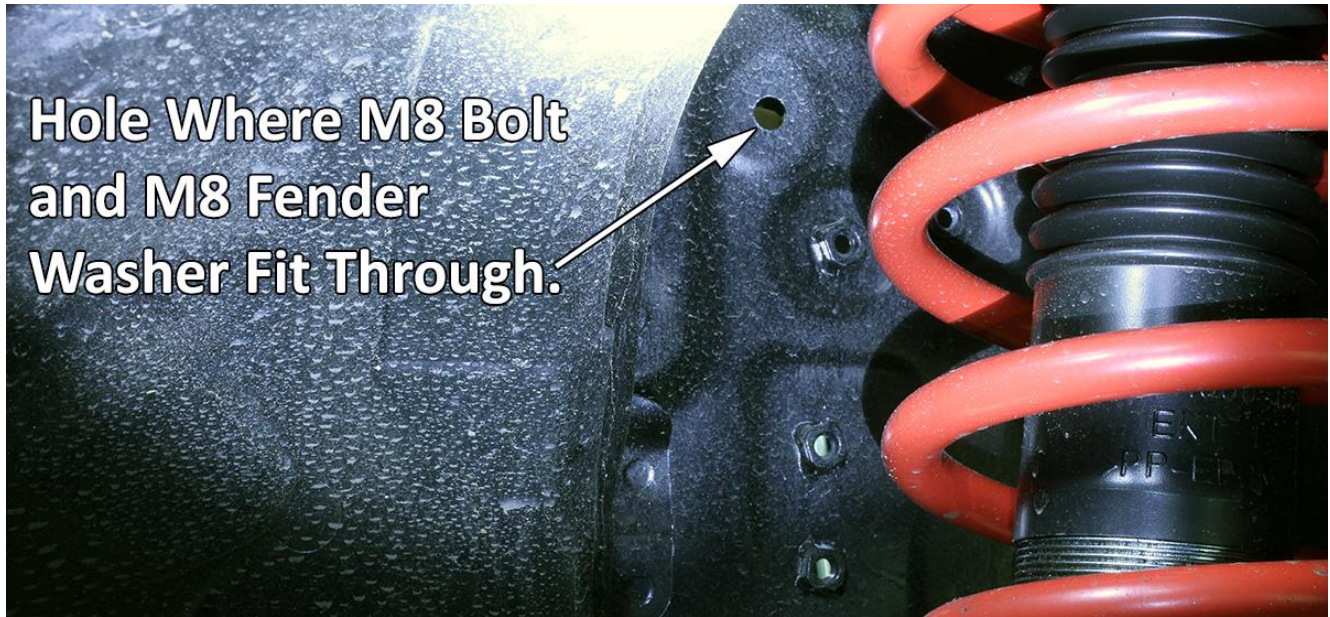
### Installation of PERRIN Master Cylinder Brace

1. Using supplied M6 wrench and 19mm wrench, remove stainless steel set screw and nut from PERRIN Master Cylinder Brace.
2. Using below diagram, locate (3) M6 threaded holes and (1) larger through hole. This is where master cylinder support will be bolted to. **NOTE: STI models will have fuel pressure regulator, hoses and a bracket that will be mounted just in front of these holes. These do NOT need to be removed, but may be slightly in the way during installation.**



2015 WRX shown with battery bracket removed. 2015 STI has fuel lines and fuel pressure regulator that mounts next to fuse box.

3. Set master cylinder brace in general location it will mount and loosely install (3) supplied M6 bolts.
4. Raise left side of vehicle off ground and support using proper jack stands. **Never work on a car solely supported by jack as death or injury may occur.**
5. Using picture below, locate large hole and install supplied M8 bolt and fender washer through hole and into PERRIN Master Cylinder Brace.



6. Using a combination of supplied wrenches and socket wrench with extensions, tighten all M6 bolts to 10 ft-lbs, and M8 bolt to 20ft-lbs.
7. Reinstall stainless steel set screw and nut into master cylinder brace as shown below.



8. Using supplied M6 wrench, tighten set screw until it touches end of master cylinder. From this point, turn set screw roughly  $\frac{1}{2}$  to 1 full turn to add preload on part. Using a 19mm wrench, tighten nut to lock set screw against master cylinder. **NOTE: It's normal for master cylinder to move around while tensioning.**
9. Inside car, press on brake rather hard 3 to 4 times. Recheck all hardware for tightness.
10. Lower car from jack stands.
11. After 5-7 days of driving, recheck hardware for tightness.