



GrimmSpeed Install Guide Series
Installing the GrimmSpeed Master Cylinder Brace
Updated 4/12/18



Introduction:

This guide will walk you through the installation of the GrimmSpeed Master Cylinder Brace. We are installing on 2008 Impreza, but the install is generally the same for all of our kits. The difficulty here is low, so take your time and enjoy the job!

Tools:

The tools listed below are suggested for this task.

- 15mm Wrench
- 5mm Hex Key
- M6 x 1 Tap

Note: The Master Cylinder Brace only fits left hand drive vehicles!

If you have any questions don't hesitate to contact us directly!

Support@GrimmSpeed.com | 612-379-0000

Procedure:

1. Locate master cylinder.



2. Remove fuel lines from clip and remove clip.



3. Remove wiring harness clip.



4. Inspect the OEM threaded body holes on the strut tower. If threads are rusty, run an M6 x 1 tap to clean the threads before installing brace.
5. Remove 2 bolts from the strut tower that holds the fuel line and wiring harness bracket. Move bracket to the side.



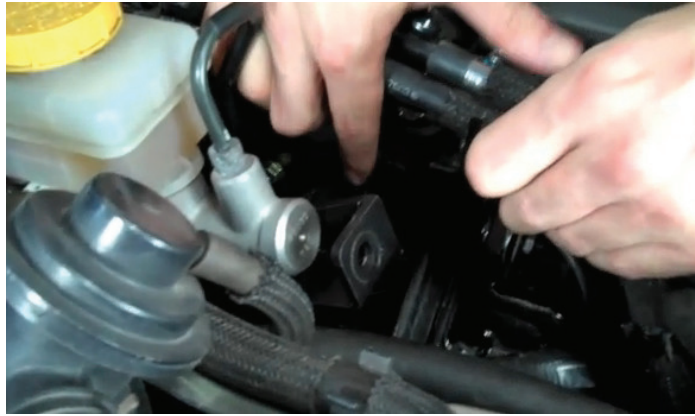
6. Move master cylinder brace into place. It slips underneath the fuel lines.



7. Install one of the 3 shorter M6 bolts into the top left hole of the master cylinder brace and thread it in by hand. Using the remaining short M6 bolts, thread into the 2 hole that are below the first bolt that was installed.



8. Take the bracket from step 5 and install it above the master cylinder brace lining up the 2 holes.



9. Then install the 2 longer M6 bolts into the lined up holes.
10. Tighten the rear 3 bolts and then the front 2 bolts using a 10mm wrench to completely mount the master cylinder brace. Torque to 15 ft-lbs.
11. On WRX and some STI models, place the fuel clip back on the fuel line bracket in the opposite way that it came out. Install fuel hoses and ensure the hoses are not rubbing on anything. A small amount of bending by hand may be necessary of this bracket to avoid rubbing of the fuel lines.



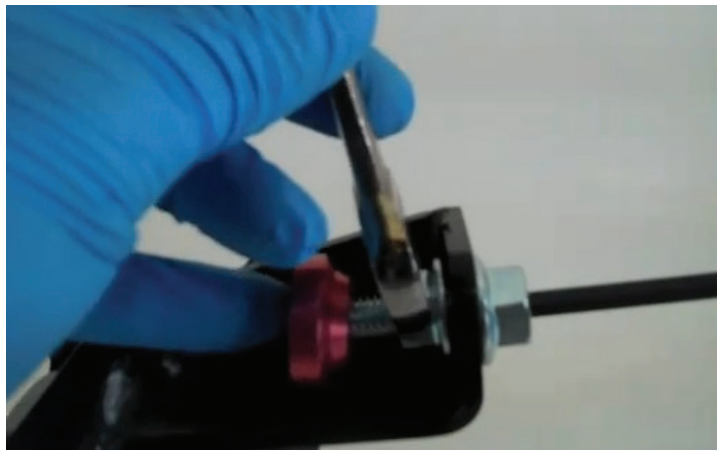
12. On some STI models, the plastic clip will not be reused as the fuel rail pulse dampers are larger. Loosen fuel lines and rotate to get in a position where they can be zip tied to the black metal bracket. Ensure the hoses, lines, and dampers are not rubbing on anything.



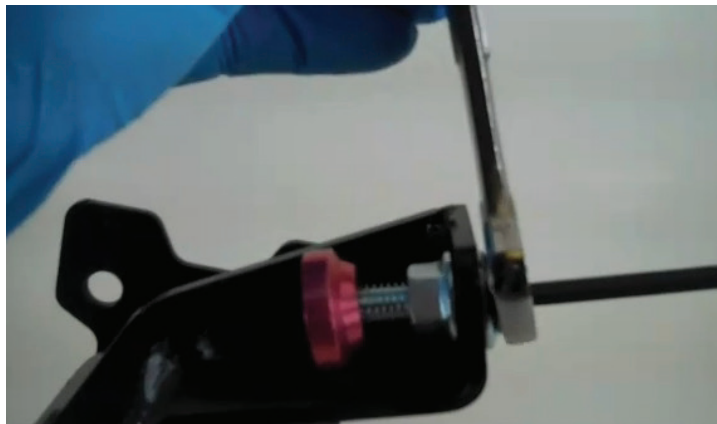
13. Assemble stud, nuts and pressure cup as shown in the picture. Do not tighten the nuts.



14. Using a 15mm wrench and 5mm hex key, insert hex key into stud and tighten the nut closest to the master cylinder which will extend the stud. Ensure that the other nut is loose. When the pressure cup makes contact with the master cylinder, tighten the nut an additional 1/2 to 1 turn.



15. Now tighten the other nut to lock the adjustment into place.



16. Take the car for a drive and enjoy the improved brake feel.

Disclaimer: Be careful when taking your vehicle through an automated / brush carwash. Brushes on touch carwashes could get snagged on Relocation Kit. We recommend using either a touchless carwash or selfwash to avoid damage to car and/or our License Plate Relocation Kit.