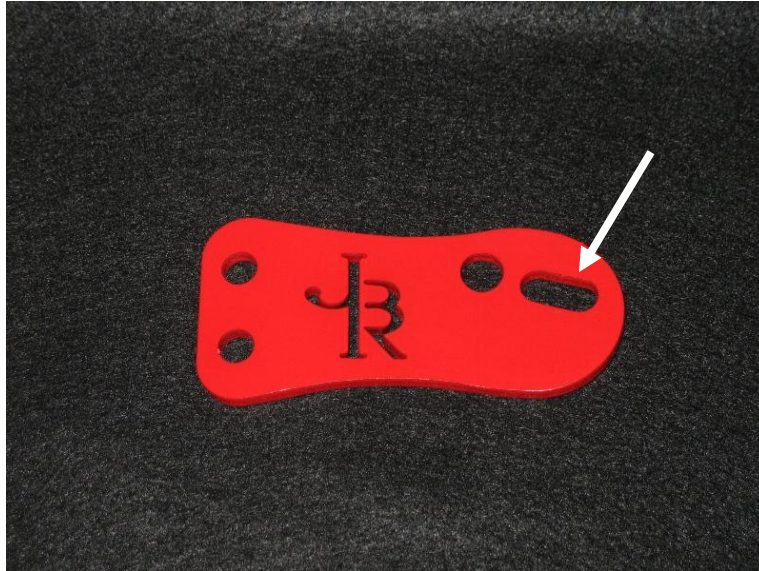


JBR Adjustable Short Shift Plate Kit Pre-Installation Instructions

Attaching the stand-off to the Shift Plate

With the Shift Plate facing up, insert the male end of the stand-off through the slotted hole.



Locate the stand-off in the middle of the slotted hole. Attach Using the supplied lock washer and nut. Tighten as shown using 2 13mm wrenches.



JBR Adjustable Short Shift Plate Kit Installation Instructions

07' – 09' MAZDASPEED 3

1. Engage the emergency brake and open the hood.
Note If you have an aftermarket cold air intake, refer to manufactures instructions for removal if necessary.
2. Remove the 2x10mm bolts from the inter-cooler cover.



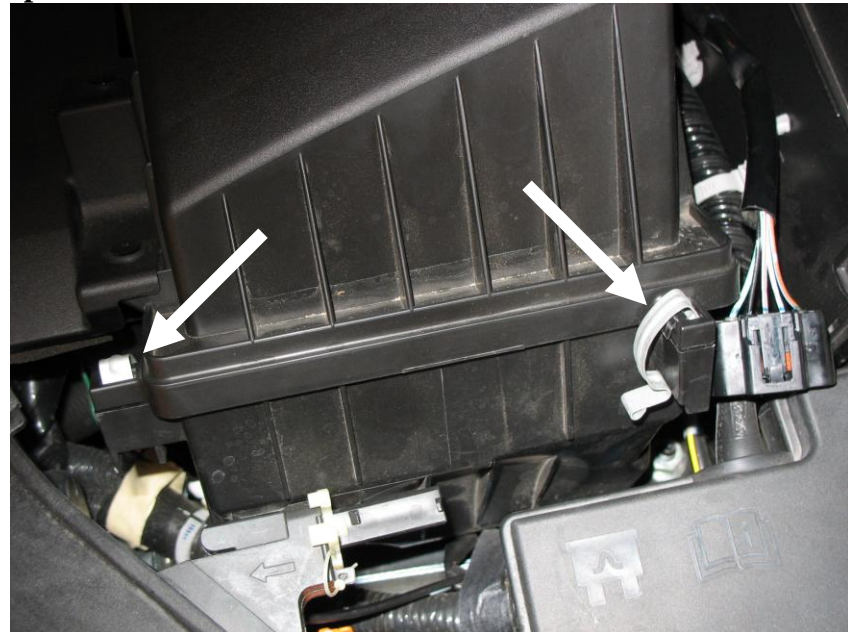
3. Slide the cover towards the back of the car and lift off.
4. Loosen the 10mm bolt on the hose clamp of the intake.



5. Unclip the MAF sensor connector by pushing down on the back of the connector and pulling towards the back of the car.



6. Unclip the 2 hold downs for the air box cover.



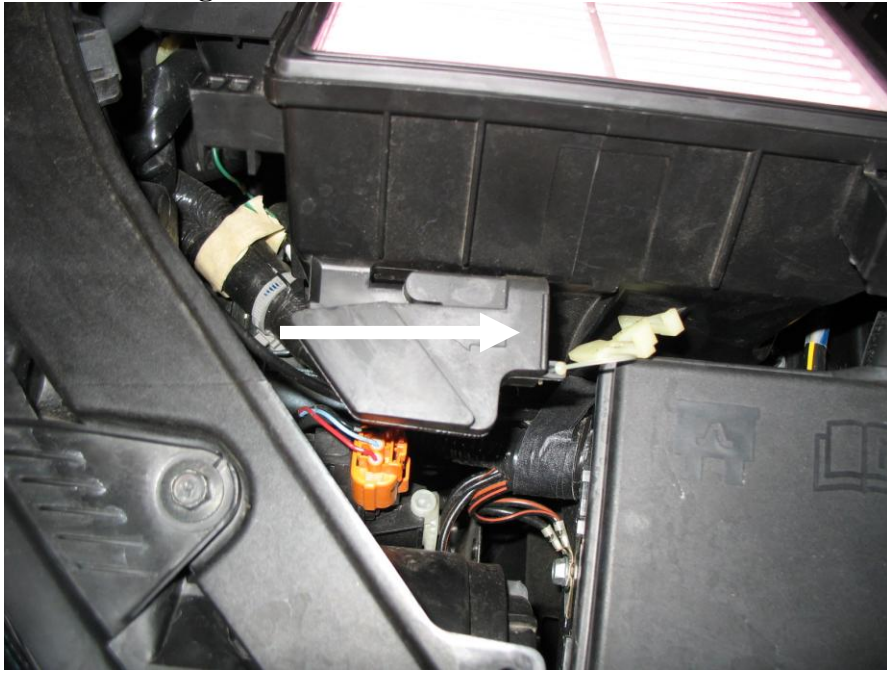
7. Pull the air box cover up and towards the driver's side of the car while removing the intake hose from the cover.



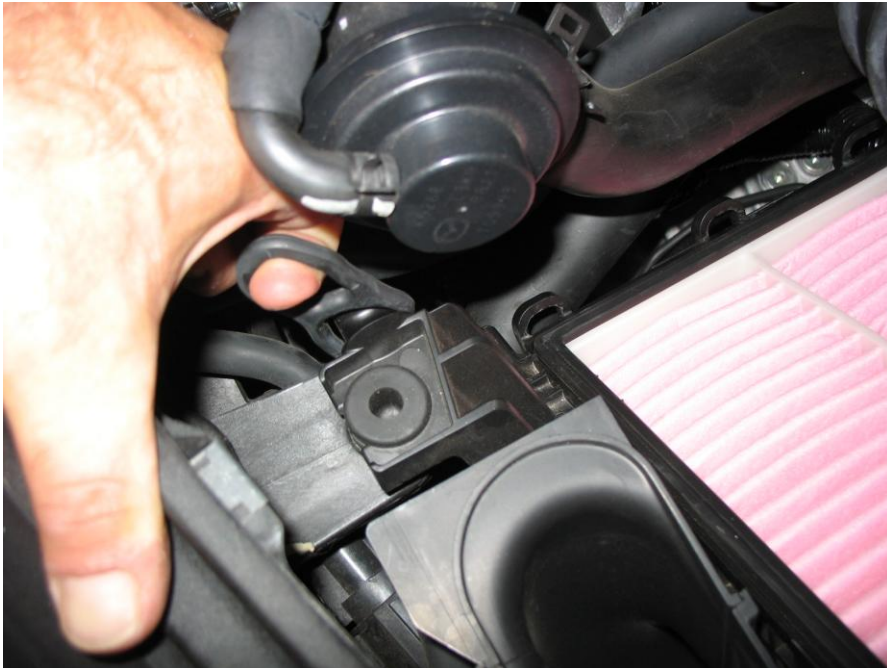
8. Remove this retaining clip that holds the bottom half of the air box by squeezing the clip and pulling up.



9. Slide the rubber grommet towards the back of the car.



10. Remove the rubber hold down.



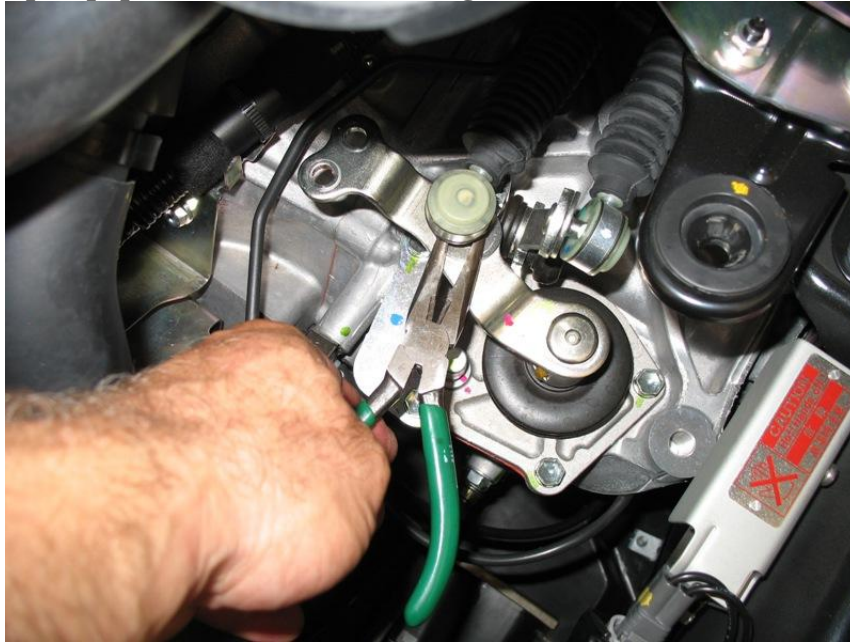
11. Pull/Tug up on the bottom half of the air box and remove from the car.



12. Remove the 2x12mm bolts and the factory shifter weight.



13. Using a pair of needle nose pliers, slipped under the shifter cable end, then pry up to pop the cable off the existing ball stud.



14. Place the Short Shift plate in position as shown below.
15. ***Note*** The plate is meant to sit on top of the original ball stud. The ball stud does not go through the shift plate

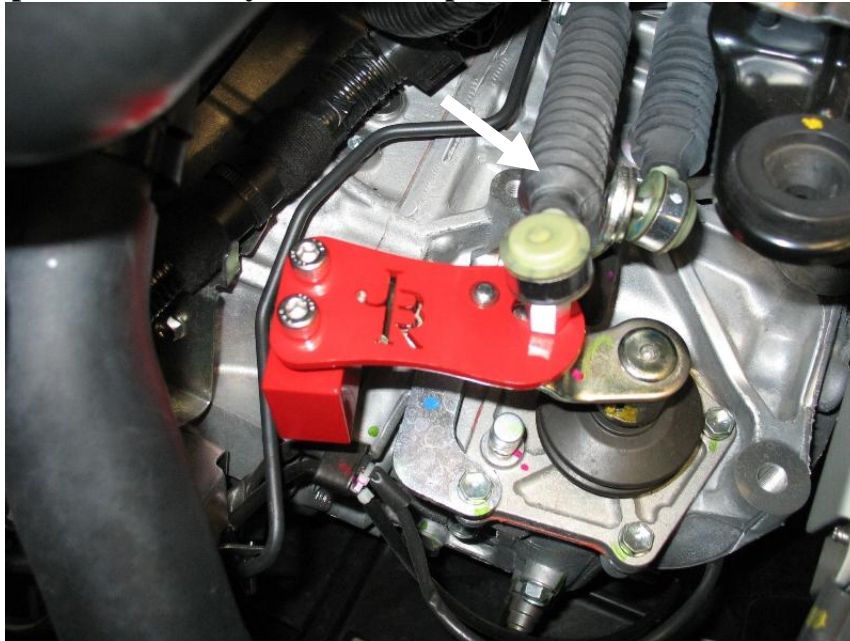


15. Place 1 lock washer on each 8mm hex cap bolt and install the new weight using a 6mm hex wrench.

It should now look like this:



16. Now center the shifter cable you previously removed over the new ball stud and press down until you here it snap in to place.



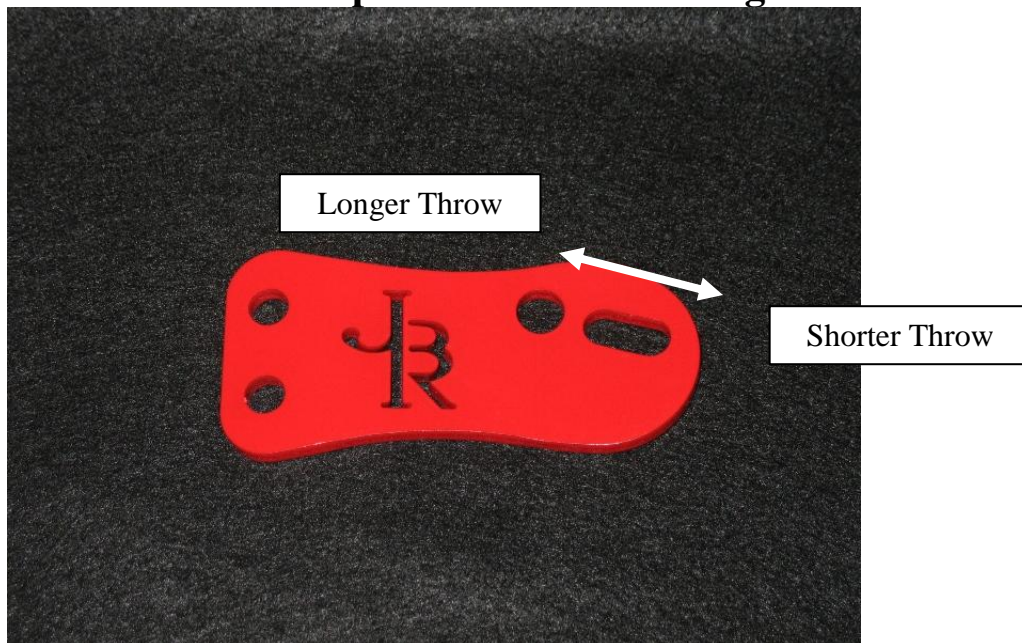
17. Now re-install the factory air box assembly if necessary and inter-cooler cover. **See Required Factory air box modifications below.**

Make sure you properly connect the intake hose to the top half of the air box and don't forget to reconnect the MAF sensor if you removed it.

ADJUSTING THE THROW

Adjusting the throw of your new JBR Short Throw Shift Plate kit only takes a few minutes.

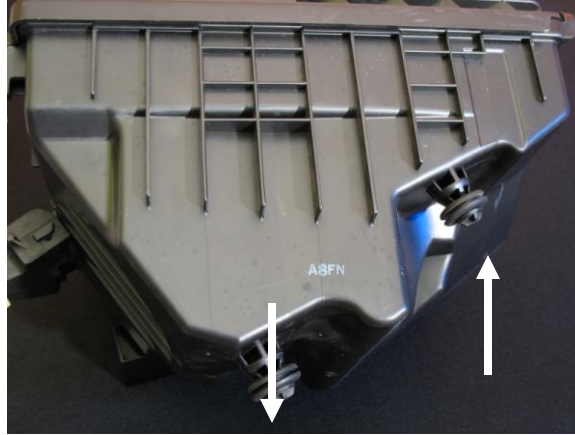
1. Gain access to the shift plate using the instructions above.
2. Unbolt the shift plate from the counter weight and rotate the shift plate on to its side with the shift cable still attached.
3. Using 2 13mm wrenches loosen the stand-off enough to allow it to slide to the desired position and re-tighten.
4. Re-install the shift plate and counter weight.



If You Are Using the Factory Air Box

If you are using the factory air box, you **WILL** need to apply rubber grommets (not Supplied) to the pegs on the bottom of the factory air box **and** in the factory grommets of the car for a total of 4 grommets. The grommets have a ½” inside diameter hole and are 1” in overall diameter. These rubber grommets shown below can be found at any hardware store or home center for around a dollar each. Slip the grommets over the pegs as shown below. They are required to provide a ¼” of clearance in order for the Shift Plate to operate correctly.

Below you will see the factory air box with the grommets attached.



Below you will see how the additional grommets are to be placed in the factory grommets of the car.



If you purchased the Stage 2 Adjustable Short Shift Plate Kit or Solid Shifter Base Bushings at another time, you can use 2 rubber bushings removed from the shifter base in place of all 4 of the grommets shown above. Slip 1 bushing over each of the pegs on the bottom of the air box as shown below.



Failure to carefully follow the installation instructions for your JBR product could result in damage to your car or your new parts. Please take the time to read and thoroughly understand the instructions prior to installation. The directions are as accurate as possible and may vary slightly from model year to model year.

**Thanks,
Jamie**

Legal Disclaimer

JAMES BARONE RACING is not responsible for the misuse, incorrect installation, or failure of any product we sell. Under no circumstances, including but not limited to negligence, will JAMES BARONE RACING be liable for special or consequential damages that result from the use or inability to use our products. JAMES BARONE RACING does not assume responsibility for any damage to the user, passenger or vehicle resulting from the operation of a JAMES BARONE RACING product.

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