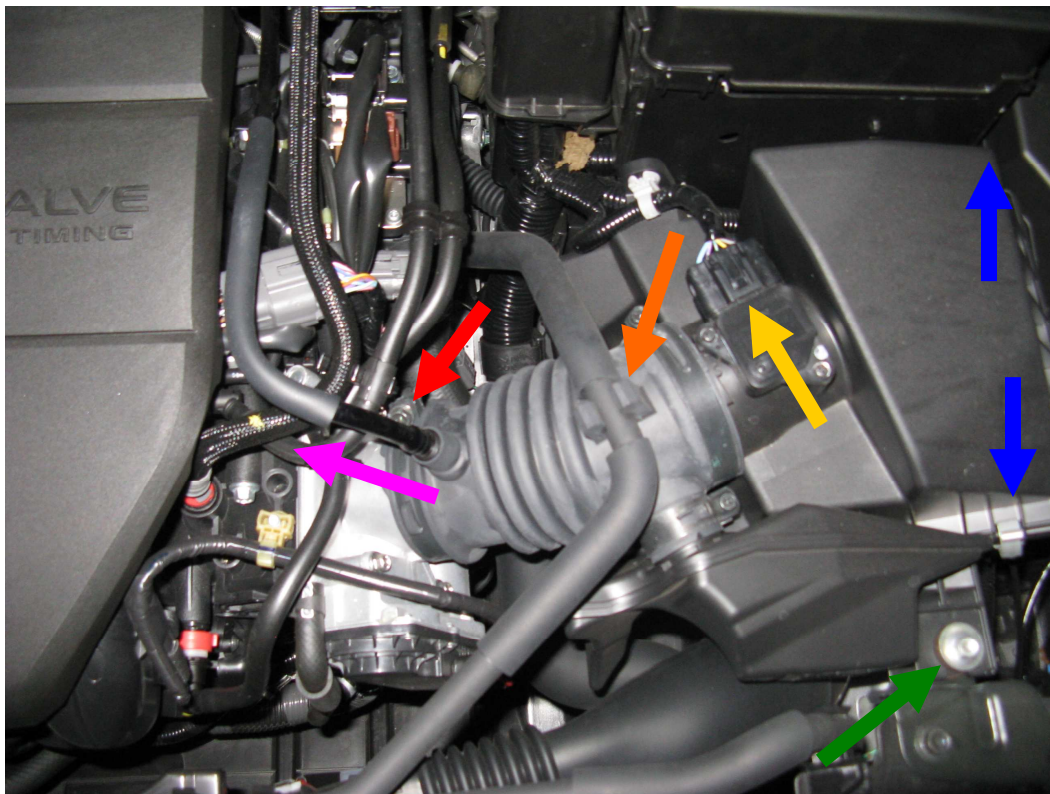


James Barone Racing
Custom Fabrication of Aftermarket Parts and Accessories

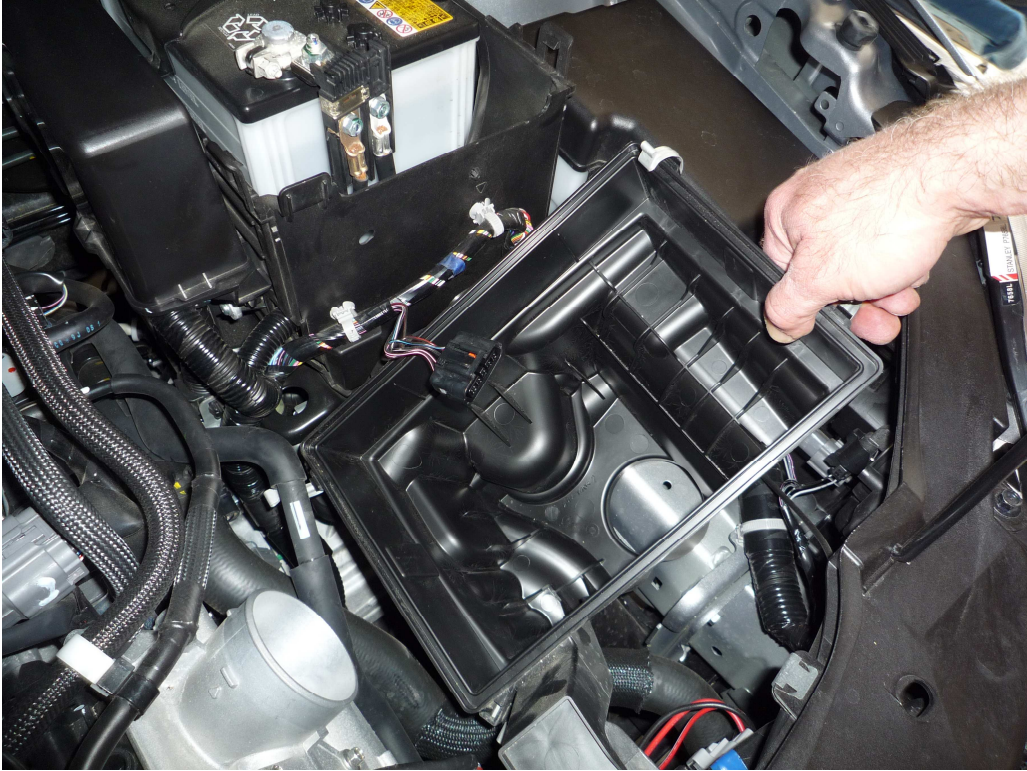
MAZDA 3
JBR Short Shift
Plate Installation Instructions
Installation may vary slightly by model

Stock Air Box Removal

- Remove the bolt securing the top of the air box.
- Unclip the clips securing the top half of the air box.
- Remove the connector for the MAF Sensor.
- Unclip the hose over the intake.
- Pull to remove the hose from the intake.
- Loosen the 10mm clamp securing the intake hose to the throttle body and pull the hose off the throttle body
- Remove the intake hose along with the entire top half of the air box assembly from the car.



- Tug/Pull up on the bottom half of the air box shown below.



- Using needle nose pliers remove the MAF wire from the back/bottom half of the air box shown below.

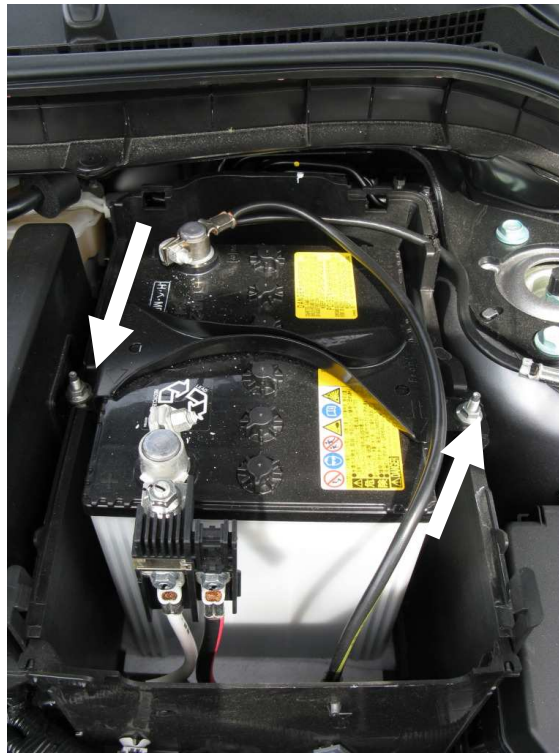


Battery and Battery Box Removal

- Pull out on the two tabs holding the top of the battery cover and remove as shown below.



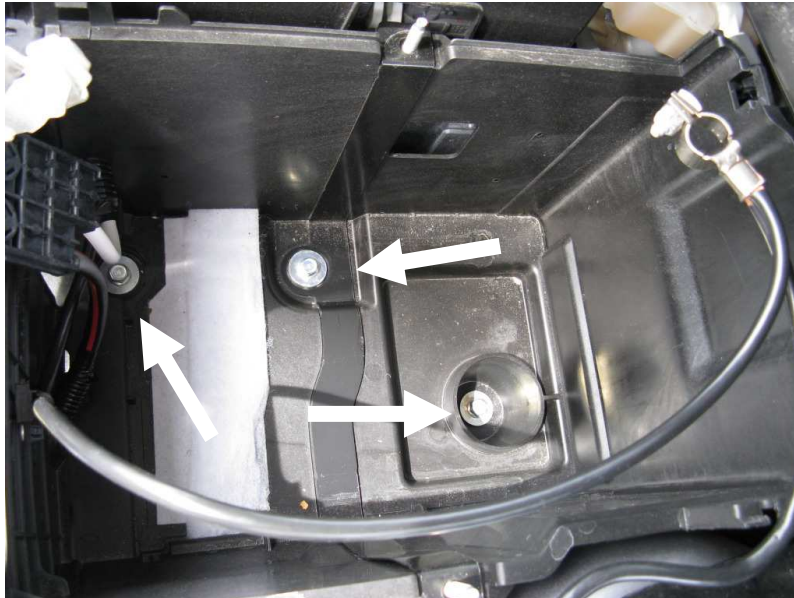
- Using a 10mm socket and socket wrench remove the nuts holding the cross bar over the top of the battery and remove the cross bar.



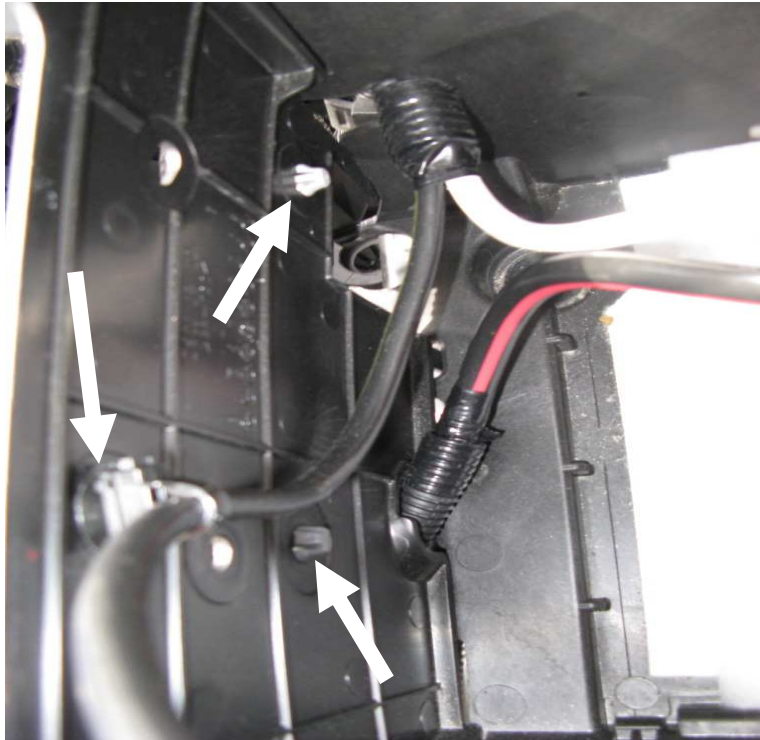
- Using a 10mm socket remove the negative battery cable **FIRST** then the positive cable and remove the battery from the car shown below.



- Using a 10mm socket remove the 3 bolts in the bottom of the battery box shown below.



- Using needle nose pliers remove the two grey connectors and 1 black connector securing the wiring to the front side of the battery box shown below.



- Remove the front side of the battery box.
- Using needle nose pliers remove the black connector securing the wiring harness to the bottom of the battery box

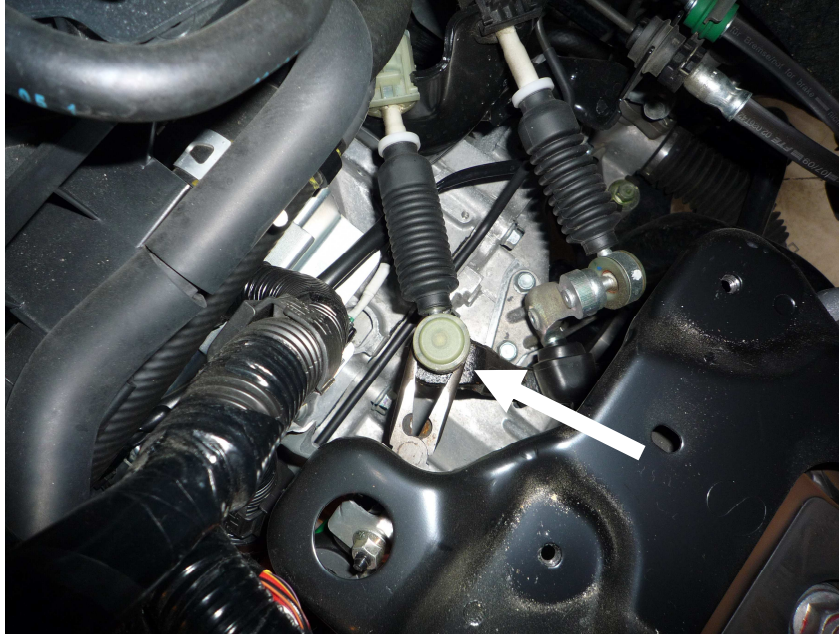


- Using needle nose pliers remove the black connector holding the wiring harness shown below. Tilt the battery box towards the front of the car and remove



Short Shift Plate Installation

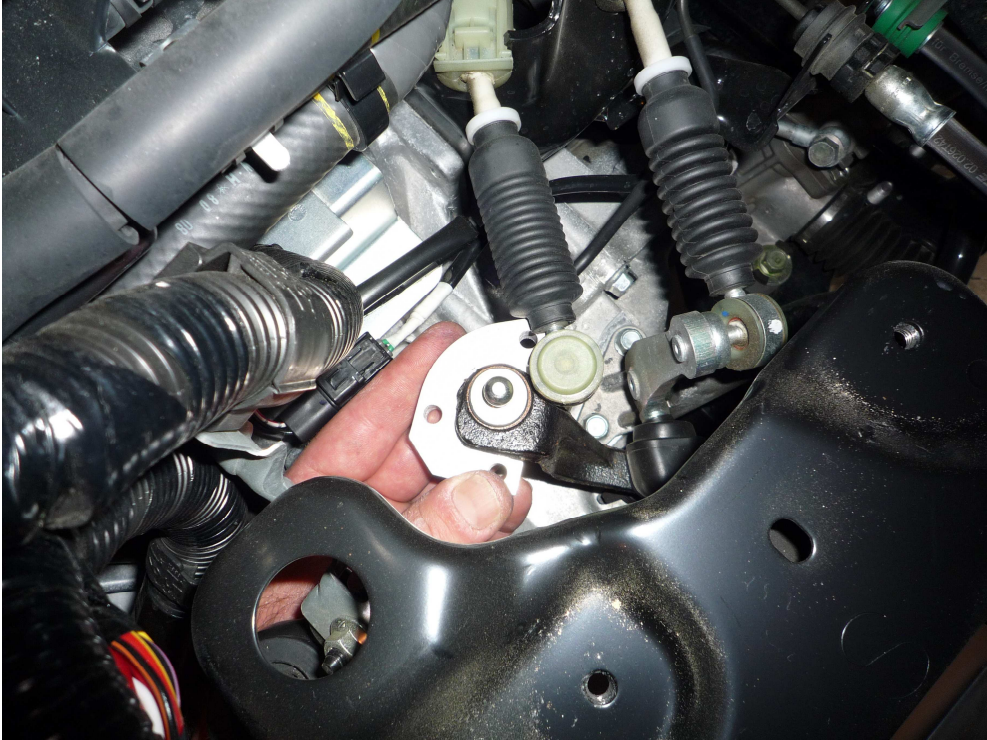
- Put the car in 4th or 5th gear
- Now with the shifter linkage exposed, and using a pair of needle nose pliers slipped under the cable head, pry down or up to pop the cable off the shifter arm as shown below.



- Place 1 flat washer on each of the 3 bolts as shown below.



- Place all your hardware in arms reach.
- Now with one hand hold the base of the shifter plate below the shifter arm as shown below.



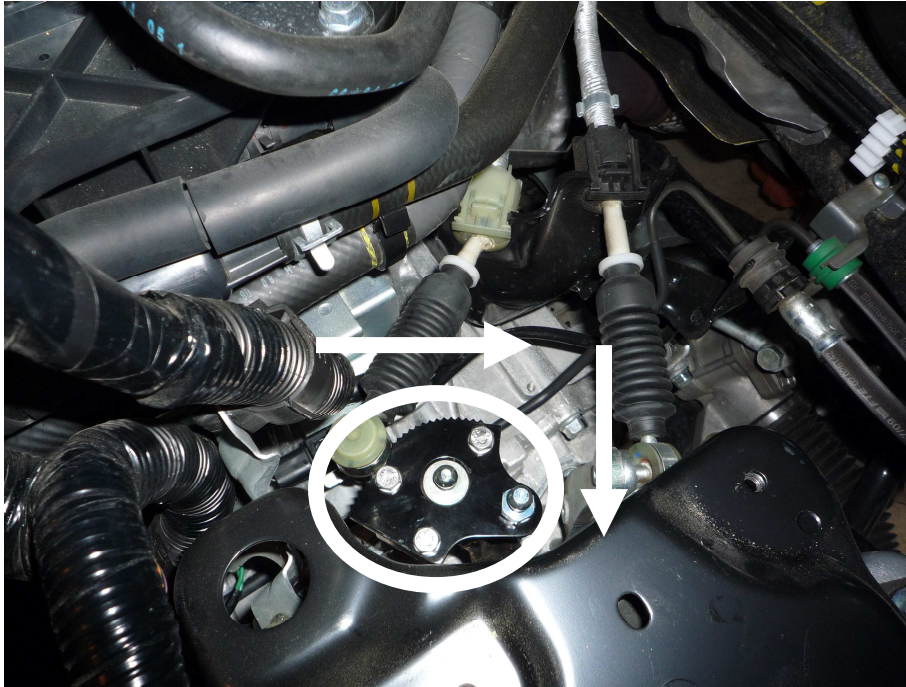
- With your other hand place the top half of the shifter plate on to the shifter arm as shown below.



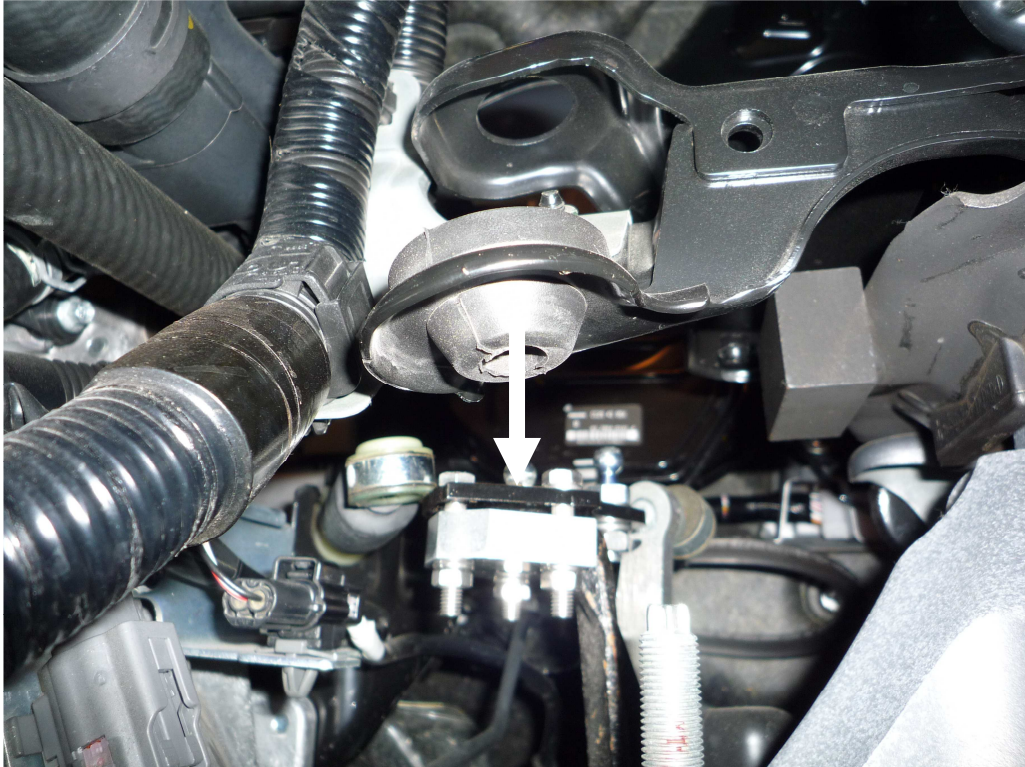
- Install each of the 3 bolts with washers through both the top and bottom half of the shifter plate assembly as shown below.



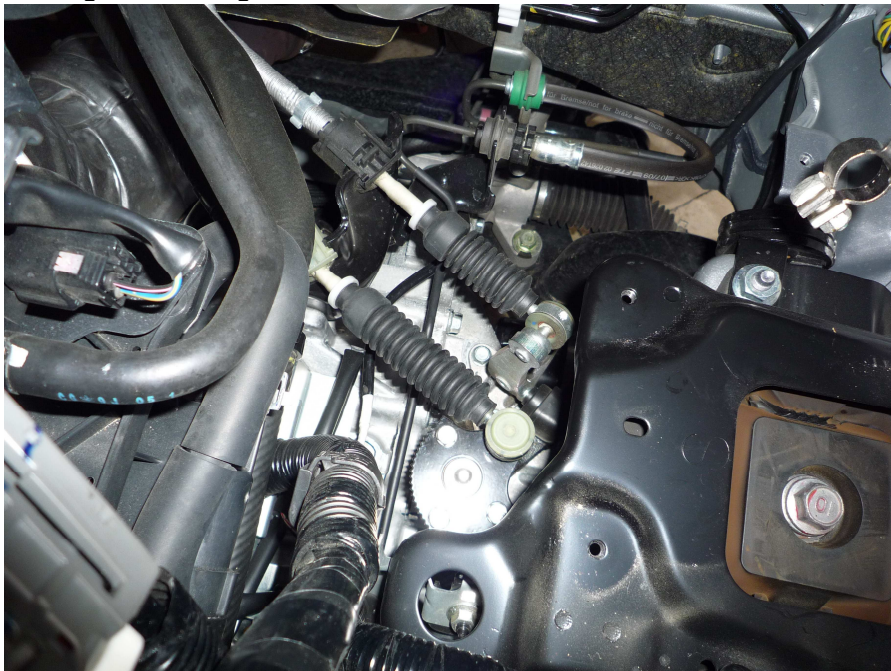
- Put 1 lock washer and 1 nut on each of the 3 assembly bolts and leave them loose. I've added an additional nut and washer to the kit in case you drop or loose one. Now with the bolts snug but not tight, rotate the shift plate assembly slightly clockwise to ensure both ball studs are in line and the assembly is in line with the factory shifter arm as shown below.



- Using a 10mm wrench and a 10mm socket and socket wrench, tighten the assembly as evenly as possible as shown from a side view below. **Do not over tighten the bolts or you WILL strip them and it will be very difficult should you ever need to remove the kit.**



- Re-attach the shifter cable by centering the cable over the new ball stud and pushing down until you here it snap in to place as shown below.



- Reinstall the battery box, battery, and air intake system.

Enjoy you new JBR Short Shifter

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.

PLEASE DRIVE RESPONSIBLY.