



- Tools required:**
- 1- 8mm nut driver
 - 1- 10mm socket
 - 1- ratchet
 - 1- phillips screwdriver
 - 1- flathead screwdriver
 - 1- 2.5mm allen key

**2011 Mazda 2 1.5L 4 cyl.
Part number SP6030
(Manual Transmissions only)**

- 1- MR Tech cold air intake system
- 1- 2-3/4" tuned filter (#1010)
- 1- 2-1/4" straight hose (#3035)
- 1- 10mm vacuum hose @ 1-1/2" L (#3079)
- 2- Power-bands (.036) (#4008)
- 2- M4 Button head screws (#6047)
- 1- M6 Vibra mount (#6020)
- 1- M6 fender washer (#6010)
- 1- M6 nut (#6002)
- 1- 4 page instruction

This MR Tech Tuned intake system is designed to be used with original Injen parts.

Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available.

Please check the contents of this box immediately.

Report any defective or missing parts to the Authorized Injen Technology dealer you purchased this product from. Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from. Installation DOES require some mechanical skills. A qualified mechanic is always recommended.

*Do not attempt to install the intake system while the engine is hot. The installation may require removal of radiator fluid line that may be hot.

Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

Please check the contents of this box immediately.

Note: This intake system was Dyno-tested with an Injen filter and Injen parts. The use of any other filter or part will void the warranty and CARB exemption number.

Note: The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

MR Technology, "The World's First Tuned Intake System!"

Optimum performance, Factory safe air/fuel ratio. (Patented)

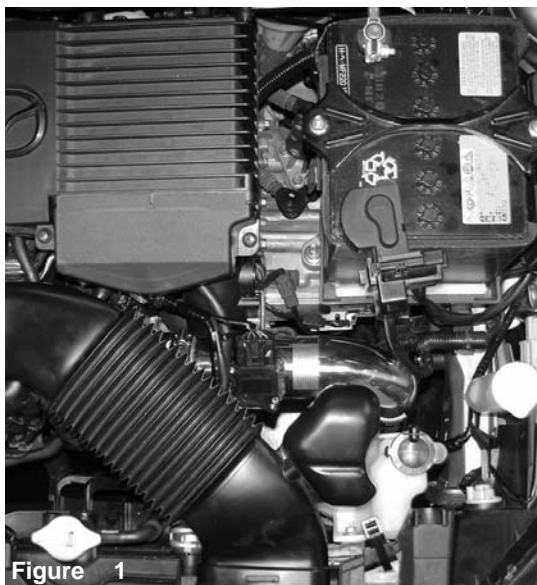


Figure 1

Hydro-Shield used on this application is X-1033 (Sold Separately)



Figure 2



Figure 2
Complete stock air intake cleaner and air intake duct.

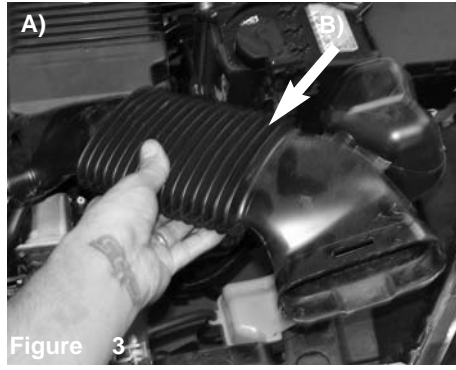


Figure 3
Remove the factory scoop from vehicle.

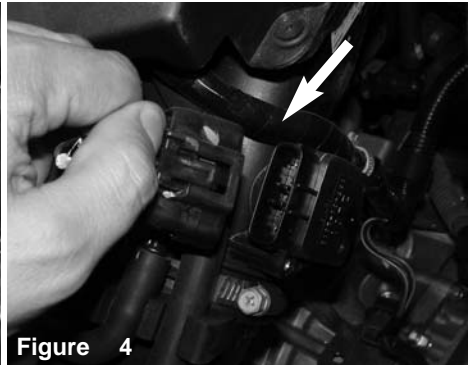


Figure 4
Disconnect the electrical MAF sensor harness.



Figure 5
Loosen the clips holding in the Harness cover and remove.

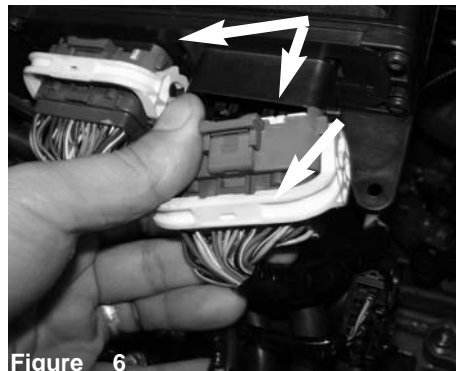


Figure 6
Carefully Disconnect the ECU harness. This will allow for easier removal of the Air filter and MAF sensor.



Figure 7
Un-clip the upper half of airbox/engine cover.



Figure 8
Remove the air filter only.

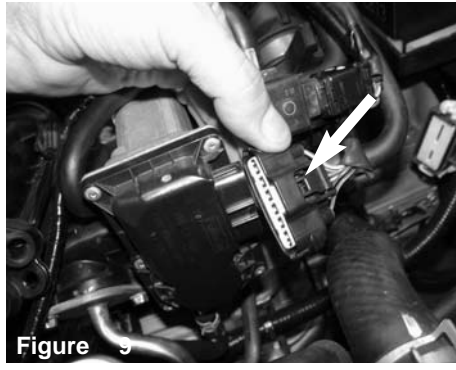


Figure 9
Disconnect the Throttle body harness.

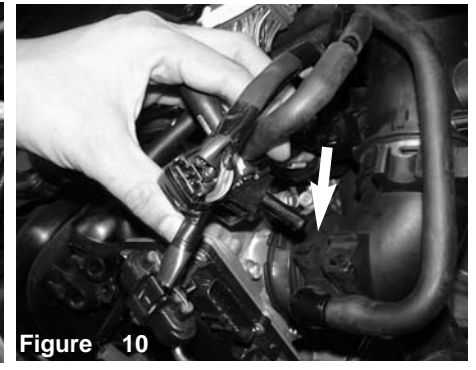


Figure 10
Pull out the VSV valve assembly away from the intake tube. Set aside for easier installation of the new intake system.

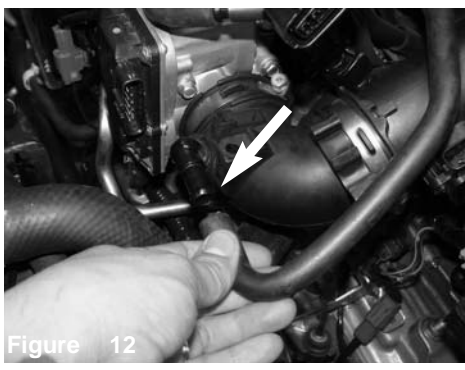


Figure 12
Pull back the crank case line.

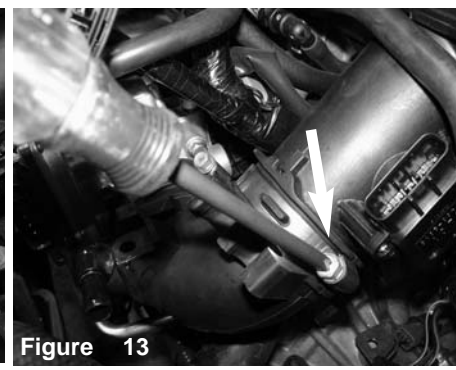


Figure 13
With phillips loosen the 2 clamps on the throttle body elbow.

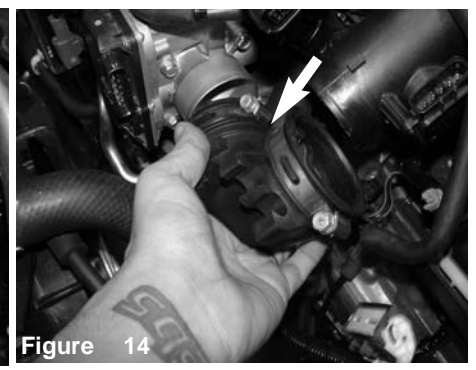


Figure 14
Remove the elbow/ intake tube from the vehicle.

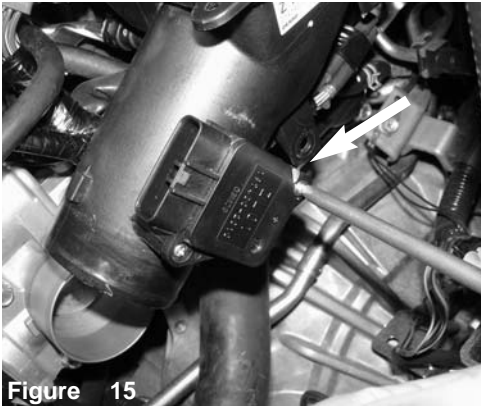


Figure 15

Lift and slide the air box over allowing easier to remove the MAF sensor. With phillips screwdriver, loosen the 2 screws holding in MAF sensor.

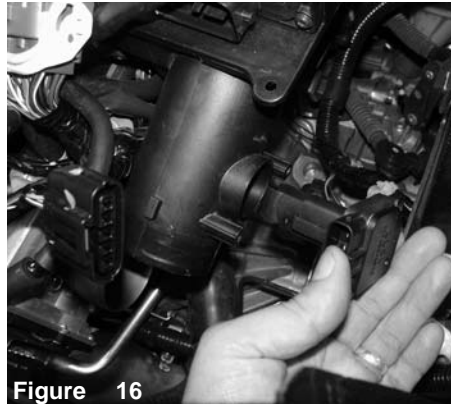


Figure 16

Carefully pull out the MAF sensor and set aside.

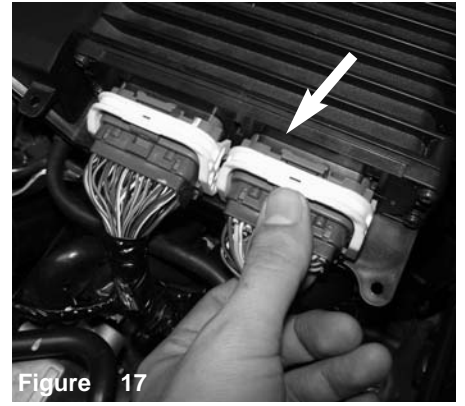


Figure 17

Before you continue, Re-connect the ECU and secure the AIR Box . This will still use the factory air box, allowing to cool the ECU.

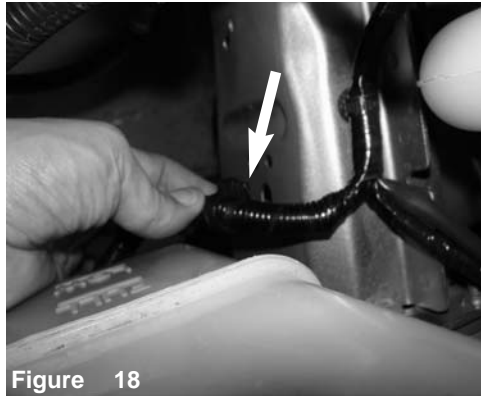


Figure 18

Pull back the harness on the frame of vehicle. This will allow for more clearance of the new intake tube.

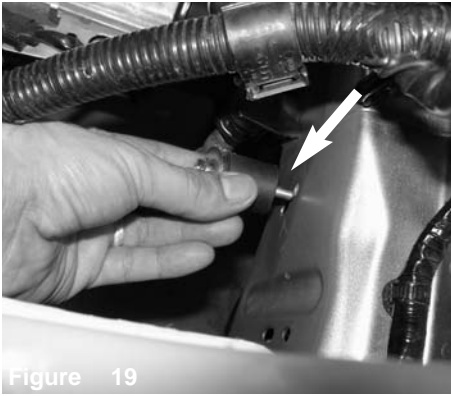


Figure 19

Install the M6 vibra mount to the threaded insert on the frame of the vehicle located under the battery.



Figure 20

Attach the hose with clamps to the throttle body and tighten only on the throttle body.

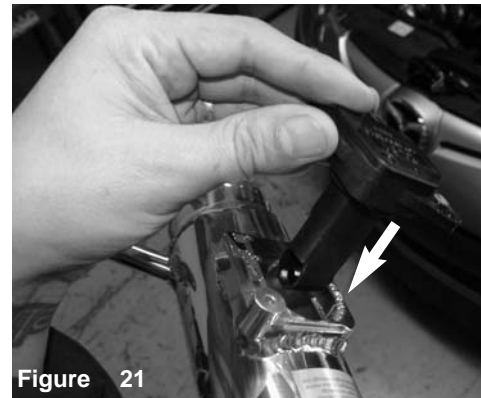


Figure 21

Install the MAF sensor into the new intake tube.

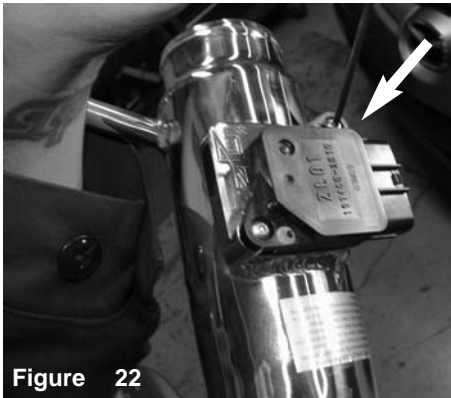


Figure 22

Secure the MAF sensor using provided M4 button head screws. Tighten using 2.5mm allen key.



Figure 23

For easier installation, jack the driver side of vehicle just enough for you to get under the front of vehicle.



Figure 24

From under the vehicle, place the filter inside under the frame behind the splash guard.



Figure 25

Install the intake tube into the vehicle and position the bracket to the vibra mount and to the throttle body.

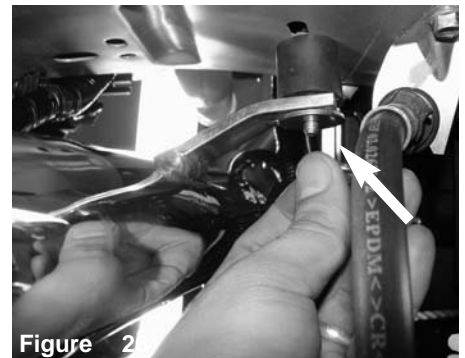


Figure 26

Secure the bracket using provided M6 nut and washer.

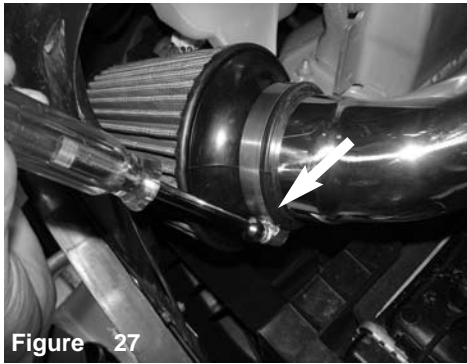


Figure 27
Attach the filter to the intake tube and tighten using the 8mm nut driver.



Figure 28
Tighten and secure the bracket using 10mm wrench or socket.

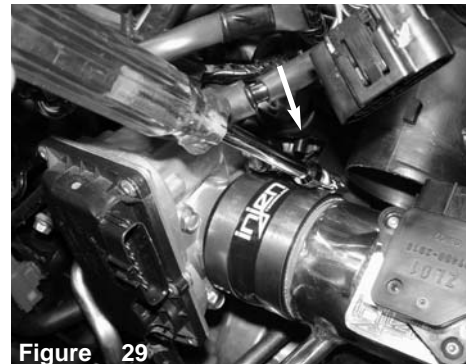


Figure 29
Align and position for best fit and tighten clamps using 8mm nut driver.

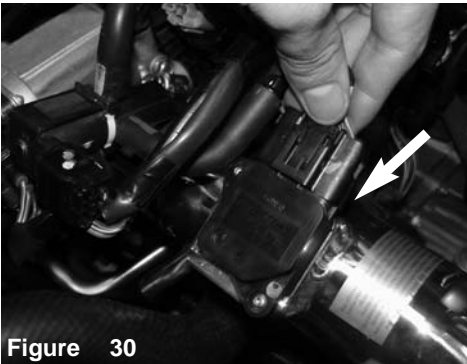


Figure 30
Re-connect the MAF sensor and throttle body harness.



Figure 31
Route the vacuum line under the factory ram scoop.



Figure 32
Position to the fitting on the intake tube.



Figure 33
Re-install the ECU cover.



Figure 34
Re-install the factory ram scoop.



Figure 35
Align the entire intake for the best possible fit. Once you have rechecked and cleared the intake from all moving parts, continue to tighten all nuts, bolts and clamps.

Note: With the transmission in neutral, start the engine and listen for possible air leaks, rattles, rubbing or idle problems. For air leaks, check all connecting hoses and clamps. For rattling or rubbing, check the intake fitment and intake bracket on vibra-mount. Always, find the cause of the problem and repair it before moving forward.

1. Upon completion of the installation, reconnect the negative battery terminal before you start the engine.
 2. Align the entire intake system for the best possible fit. Once the intake has been properly fitted continue to tighten all nuts, bolts and clamps.
 3. **Periodically**, recheck the alignment of the intake system and make sure there is proper clearance around and along the length of the intake. Failure to follow proper maintenance procedures may cause damage to the intake and will void the warranty.
 4. Start the engine and listen carefully for any odd noises, rattles and/or air leaks prior to taking it for a test drive. If any problems arise go back and check the vacuum lines, hoses and clamps that maybe causing leaks or rattles and correct the problem.
 5. Check the filter for excessive dirt build up.
- Congratulations! You have just completed the installation of the best intake system sold on the market. Enjoy the added power and performance of your new intake system.