



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

**Part number SP6069
2009-10 Mazda 6 3.7L V6**

- 1- M'R Tech 2piece CAI system
- 1- 3" High dry web/nano fiber filter (#1014)
- 1- 3-1/8" straight hose (#3054)
- 1- 3 straight hose (#3044)
- 4- Power-bands (.048) (#4004)
- 2- M4 Button head screws (#6047)
- 1- M8 vibra mount (#6062)
- 1- M8 washer (#6011)
- 1- M8 nut (#6017)
- 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)

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



Figure 1



Figure 2



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

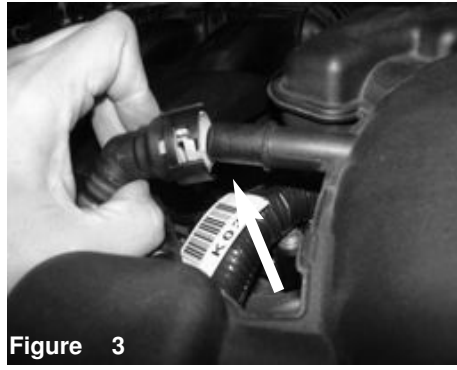


Figure 3
Disconnect the crank case line, also pull back the vacuum line from fitting.

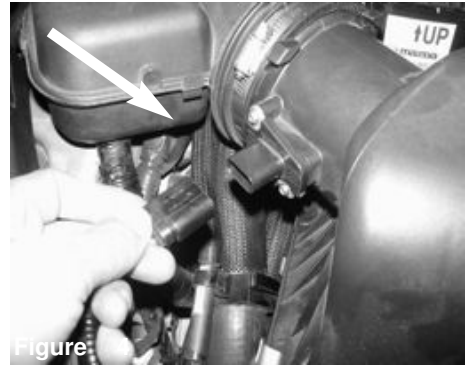


Figure 4
Disconnect the MAF sensor harness.

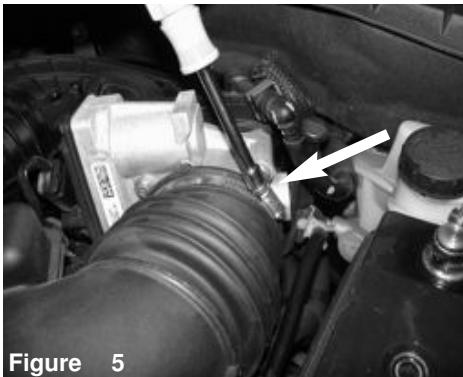


Figure 5
Loosen the clamp on the throttle body using 8mm nut driver.

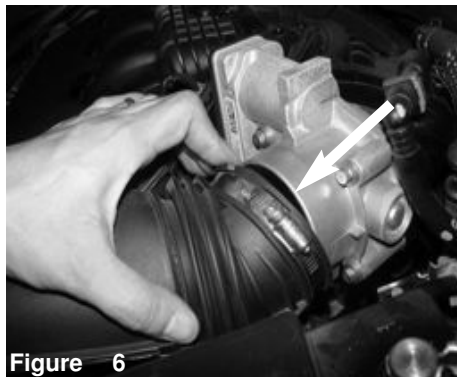


Figure 6
Pull back the intake tube from the throttle body.

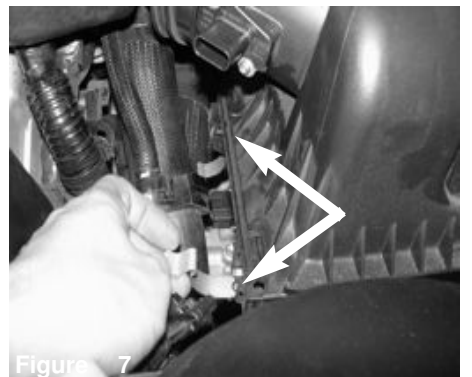


Figure 7
Un-clip the upper half of the air box.

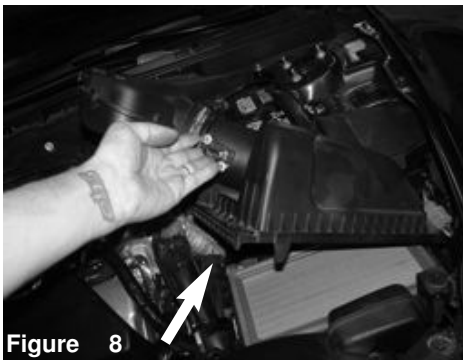


Figure 8
Lift up and remove the upper half of the air box.

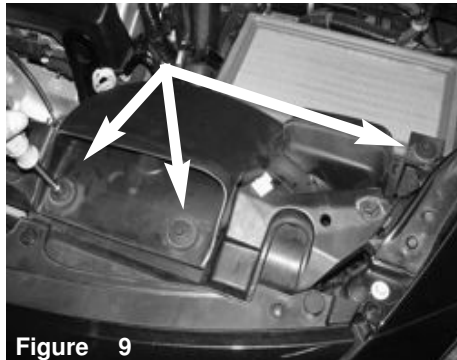


Figure 9
Loosen the 3 bolts holding in the lower air box assembly using 8mm nut driver or socket.



Figure 10
Lift up and remove the lower air box assembly.

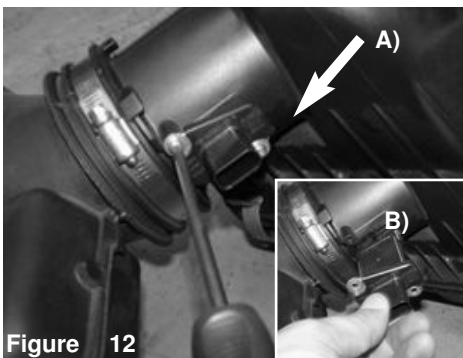


Figure 12
A) Loosen the 2 screws holding in the MAF sensor using i20 torx bit. B) Remove the MAF sensor.

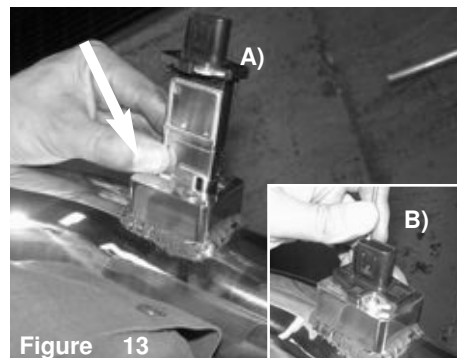


Figure 13
A) Install the MAF sensor into the intake system. B) secure using provided M4 button head screws. Tighten using 2.5mm allen key.

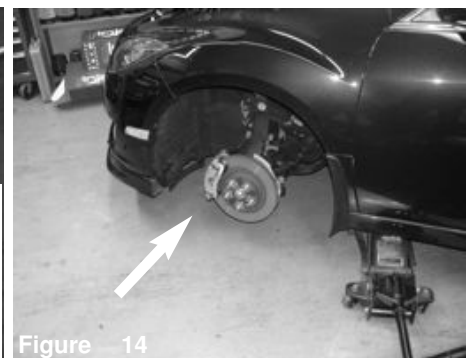


Figure 14
Carefully secure the front of vehicle on a jack and take off the driver side wheel.

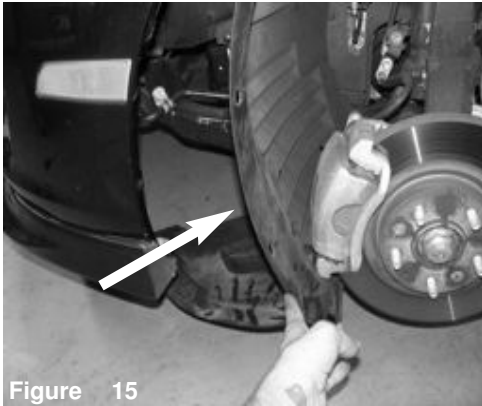


Figure 15

Remove the push clips from the splash guard and pull back, this will allow for lower intake assembly install.

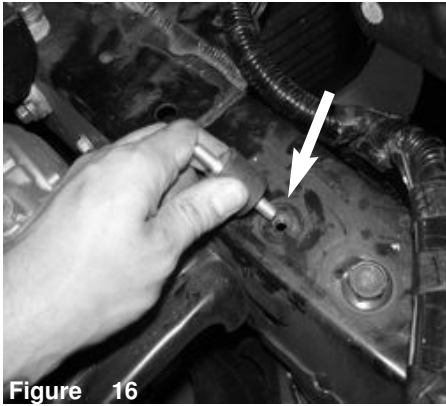


Figure 16

Install the M8 vibra mount to the threaded insert located on the vehicle frame.

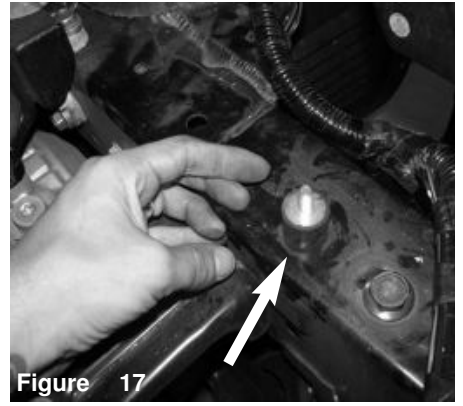


Figure 17

Secure the vibra mount.



Figure 18

Attach the 3-3/8" straight hose to the throttle body using provided clamps.



Figure 19

Spray a little bit of lubrication on the tip of the 5/8" fitting on the intake tube. Install the intake tube into the vehicle.

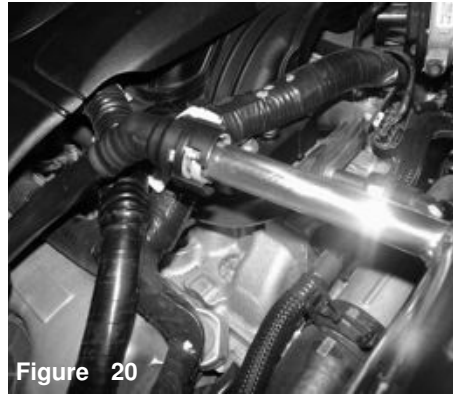


Figure 20

Secure the fitting and make sure that it sits pass the seal inside of the factory fitting.



Figure 21

Position the upper intake tube.



Figure 22

Install the lower intake assembly and connect the 2 tubes using provided 3" hose and clamps. Position the bracket to the vibra mount.

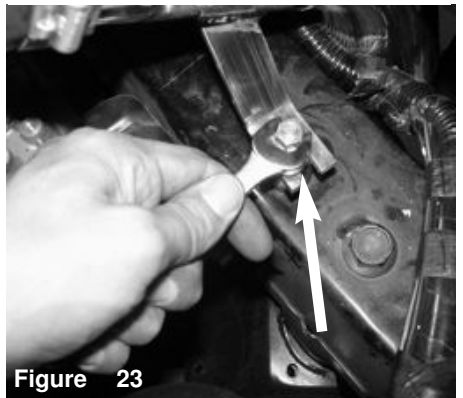


Figure 23

Secure the bracket using provided washer and M8 nut.

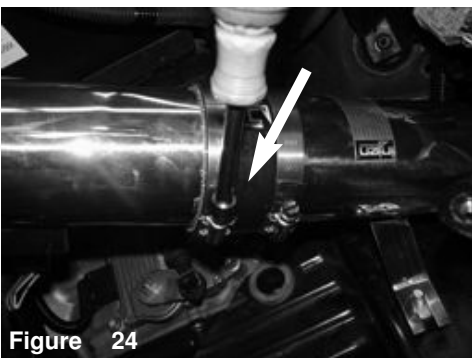


Figure 24

Position the best fit and tighten the clamps using 8mm nut driver.



Figure 25

Install the air filter and tighten using 8mm nut driver. Re-secure the splash guard.

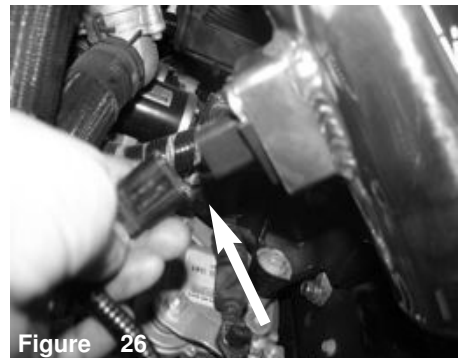


Figure 26

Reconnect the MAF sensor harness.



Figure 27
If vehicle was jacked up, lower vehicle. Connect battery terminals. ***For short ram install, remove the lower intake assembly and place filter on upper intake tube assembly. See figure 28.***



Figure 28
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. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

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.