



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

Part number SP6064
2010-2012 Mazda 3
2.5L 4 cyl.

- 1- MR Tech cold air intake system
- 1- 2-3/4" Webb/Nano Fiber Dry Filter (#1013)
- 1- 2-3/4" straight hose (#3043)
- 1- 10mm vacuum hose @ 1-1/2" L (#3079)
- 4- Power-bands .312 (.040) (#4003)
- 2- M4 Button head screws (#6047)
- 1- Vibra mount (#6028)
- 1- M6 fender washer (#6010)
- 1- M6 nut (#6002)
- 1- Molded silicon elbow (#3157)
- 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.

Injen Technology 285 Pioneer Place Pomona, CA 91768 USA

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.

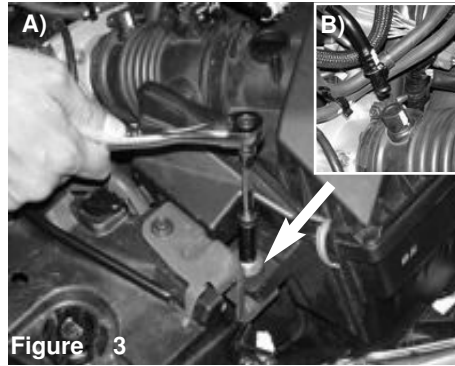


Figure 3
A) Loosen the 10mm bolt that secures the air box cleaner. B) Dislodge the crank case hard line from stock vacuum port on the air intake duct.

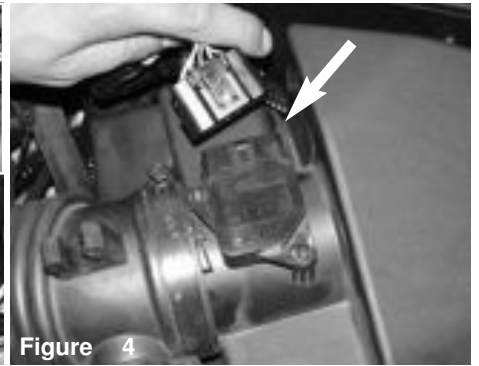


Figure 4
Disconnect the electrical MAF sensor harness.

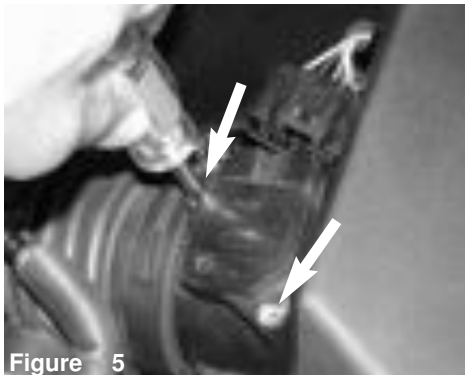


Figure 5
With phillips screwdriver, loosen the 2 screws holding in MAF sensor.



Figure 6
Carefully remove the electrical MAF sensor from sensor housing.



Figure 7
Carefully remove the plastic air intake duct.



Figure 8
Remove the entire air intake box assembly from the engine compartment.

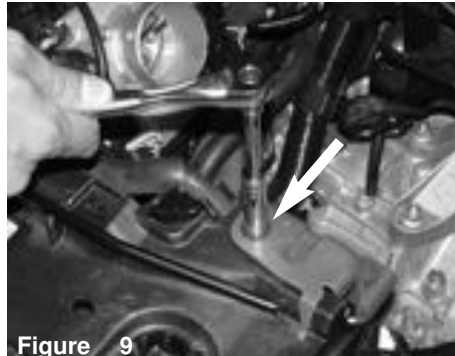


Figure 9
Loosen the 10mm bolt that fastens the air box bracket over the radiator support.

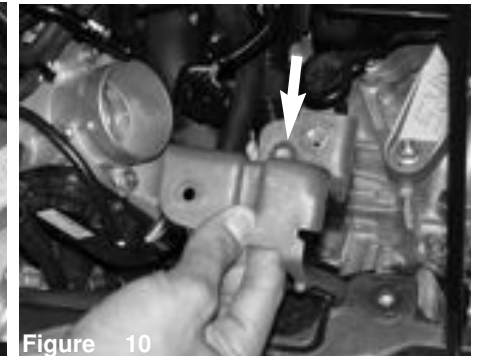


Figure 10
The air box bracket is removed from its current location, this bracket will no longer be used with the intake.



Figure 12
Press the silicon hose with clamps over the throttle body hose. Tighten the clamp over throttle body only using 8mm nut driver.



Figure 13
Insert the electrical MAF sensor to intake tube. Secure the sensor by using the provided M4 button head screws.

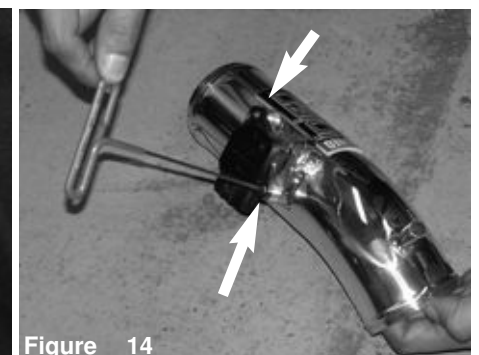


Figure 14
Tighten MAF sensor using 2.5mm allen key.

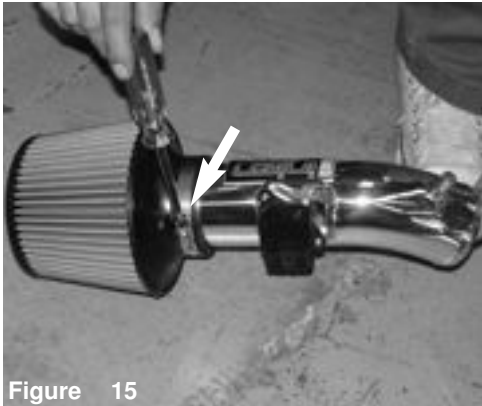


Figure 15

Press the tuned air filter over the intake tube, tighten the clamp on the filter using an 8mm nut driver.



Figure 16

Carefully, lower the entire assembled intake system into position. Align the intake bracket to the vibra-mount stud.

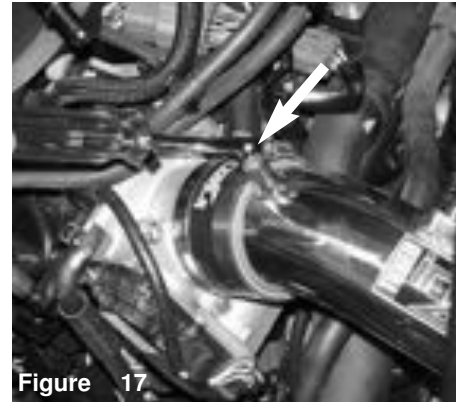


Figure 17

Once you have aligned the intake bracket to the vibra-mount stud, continue to tighten the clamps using using an 8mm nut driver.

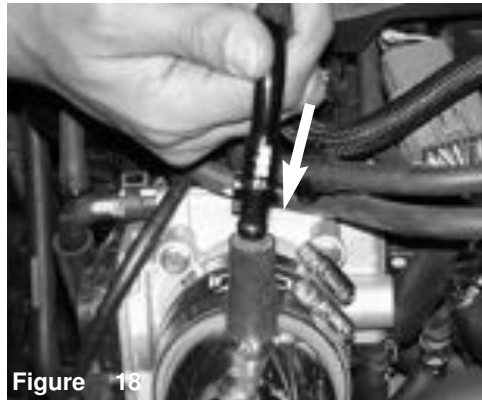


Figure 18

Press the 10mm hose over the intake port. Insert the stock crank case hard line into the hose, make sure that it is firmly inserted.



Figure 19

Re-connect electrical MAF sensor harness.



Figure 20

Short ram intake complete. Please continue for Cold air installation.

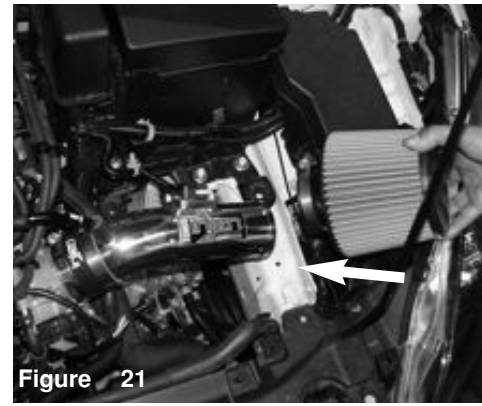


Figure 21

Loosen clamp and remove the tuned air filter.



Figure 22

Installing the cold air intake: Remove 13 - 6mm bolts, 5 plastic clips and 2 phillips screws in order to remove the front bumper.

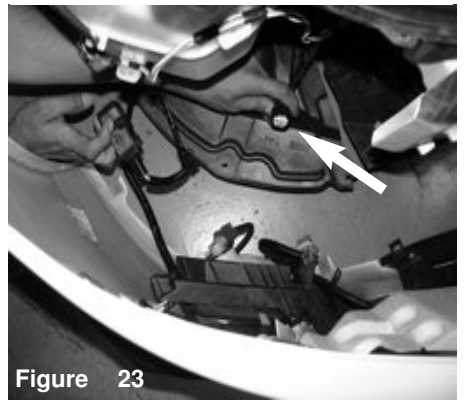


Figure 23

If equipped with fog lights, disconnect light harness.



Figure 24

Remove CVT cooler splash guard. Loosen the 3 plastic push clips using phillips screwdriver.

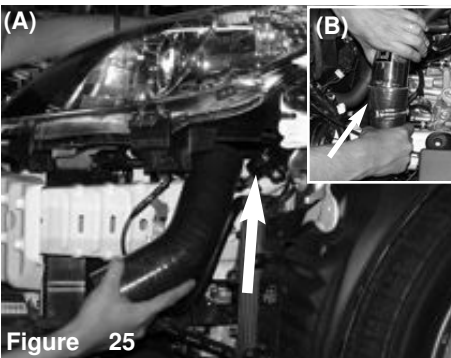


Figure 25

(A) Install silicon intake hose through bottom of headlight.
(B) Align and press over the intake tube. Donot tighten at this point.



Figure 26

place clamp over the silicon hose as shown above but do not tighten.

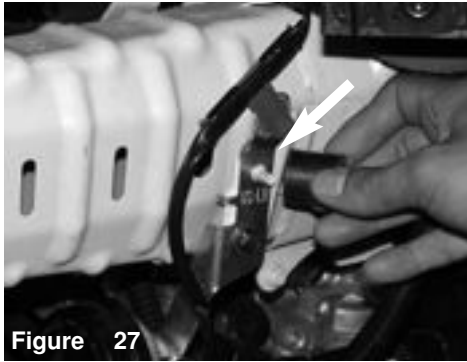


Figure 27
Attach female side of vibra mount to M6 stud on horn bracket.

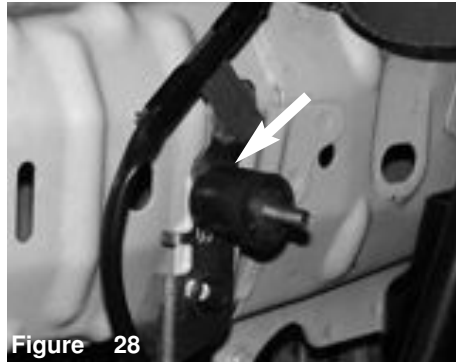


Figure 28
Tighten and secure.



Figure 29
Align and position lower intake tube to silicon elbow and vibra mount.



Figure 30
Secure lower intake tube to vibra mount using provided M6 fender washer and nut.

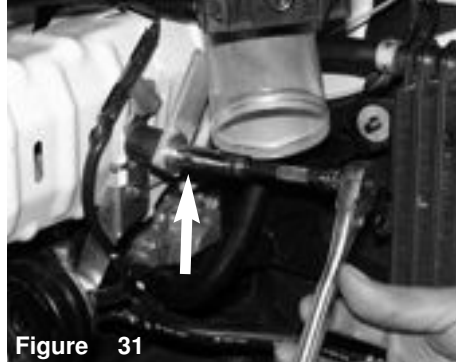


Figure 31
Tighten and secure the intake bracket using 10mm socket and ratchet.

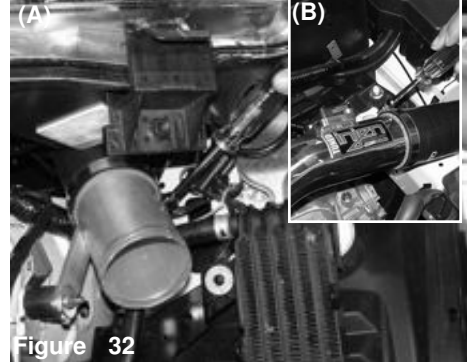


Figure 32
Tighten all clamps on lower intake located on the silicon intake hose (A) Now tighten the clamp on the upper silicone intake using an 8mm nut driver.

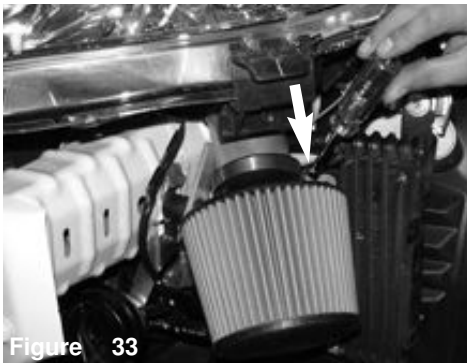


Figure 33
Press the tuned air filter over the lower intake tube. Once the intake is butted up against the filter stop, continue to tighten the filter neck clamp using 8mm nut driver.



Figure 34
Once you have aligned and tightened all nuts, bolts and clamps, continue to install the front bumper to its original position.



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. Clean or replace the filter with an original Injen filter (can be bought on-line at "injenonline.com"). 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.