Buy products from authorized and licensed manufacturers using any of our patented processes, beware of cheap knock-offs, look for our licensing logo.

MR Technology Step down process:

1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. Covered under Patent# 7,359,795

2- Calibration Device for Air Intake Tracts for Internal Combustion Engines. Patented

3- Calibration Method and Device for Air Intake Tracts having Air Fusion Insert Patented

Injen is the first and only intake manufacturer that tunes and controls air/fuel ratios, short/long term fuel trim levels using the MR step down process, Air Fusion and built-in air intake horns.

Part number SP2096

2008-2012 Lexus IS-F 5.0L V8

1- Air intake system equipped with **MR Tech and Air Fusion**	
1- 5" Injen/AMSOIL dry filter w/F1 styleinverted top	(#1046)
1- 3.75" straight hose	(#3229)
1- 3 1/4"Hump hose	(#3232)
2- #64 Clamps	(#4006)
2- #56 Clamps	(#4005)
1- m6 vibra-mount	(#6020)
1- m6 female/male vibra-mount	(#6028)
2- m6 flange nut	(#6002)
2- m4 x 10mm hex bolt	(#6047)
1- Functional heat shield	(#11054)
1- 3.75" Velocity stack	(#6049)
4- m6 x 10mm socket cap	(#6083)
2- fender washer	(#6010)
1- 3mm vacuum cap	(#8003
1- Zip tie	(#8014)
1- 8 page instruction	

This intake system is to be used for off-road use only, not for use on California highways.

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 244 Pioneer Place Pomona, CA 91768 USA

Please check the contents of this box immediately.

Injen strongly recommends that this system be installed by a professional mechanic.

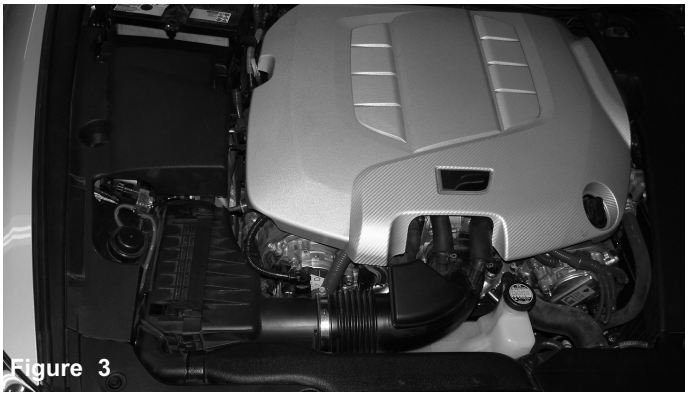
MR Technology, "The World's First Tuned air Intake System!"

Factory safe air/fuel ratio's for Optimum performance

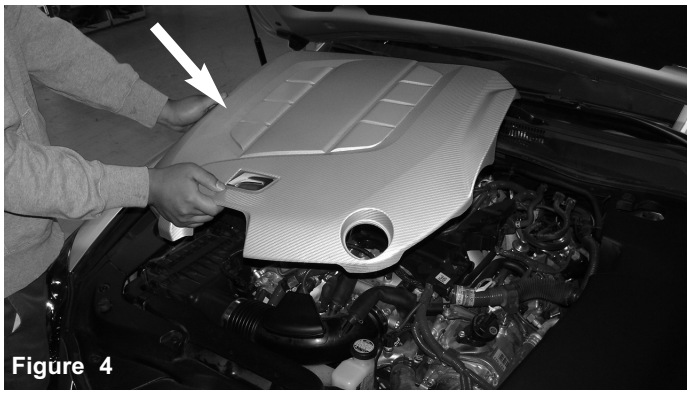
Now equipped with "Air Fusion" Covered under three U.S. Patents

Figure 1

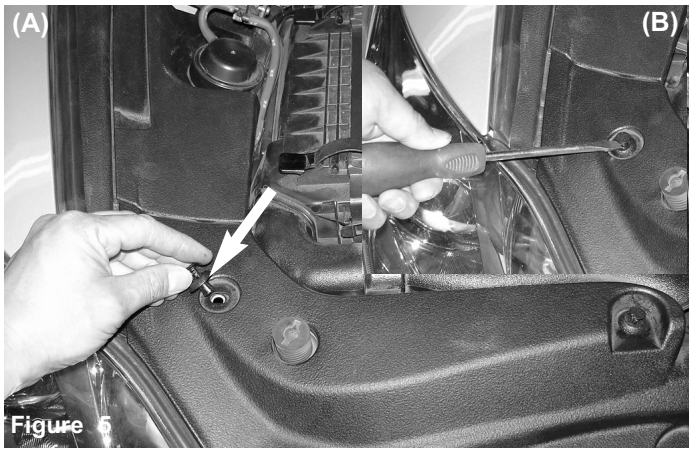
Figure 2



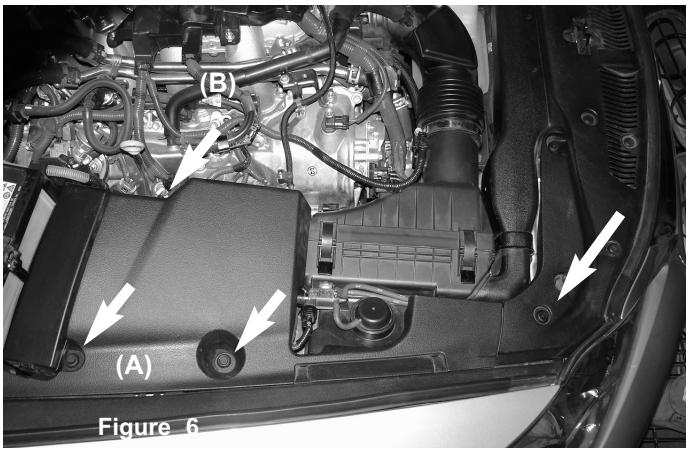
Stock air intake cleaner and air ducts shown in this picture. Before getting started with the installation, disconnect the negative battery terminal.



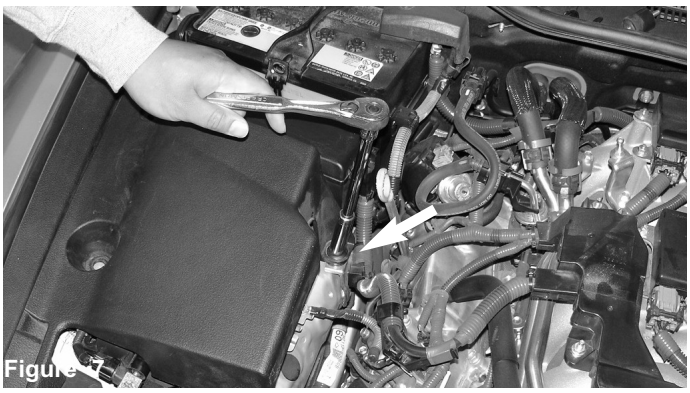
Pull the engine cover out from the stand-offs and remove the engine cover from the engine compartment.



Remove the plastic clip on the passenger side of the front shroud (A) Pop center pin, lift (B)and remove clip as shown above.

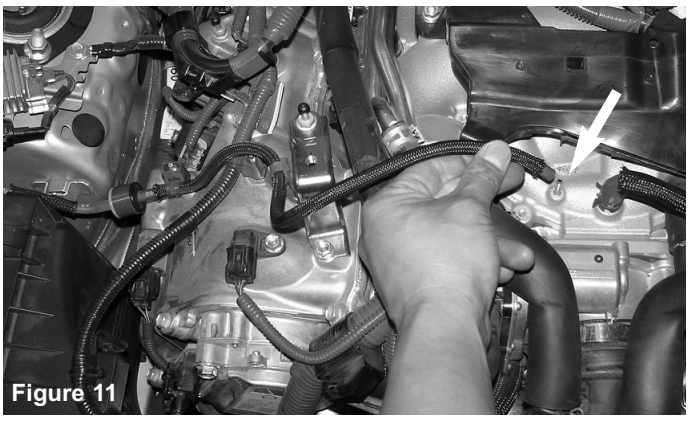


Plastic Clips shown in Figure (A) will be removed and nut shown in figure (B) is also removed.



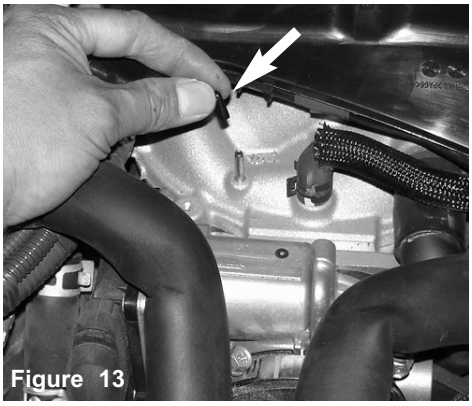
Two plastic clips (A) and nut (B) are removed in order to pull the side cover off.

Remove side plastic engine cover panel.

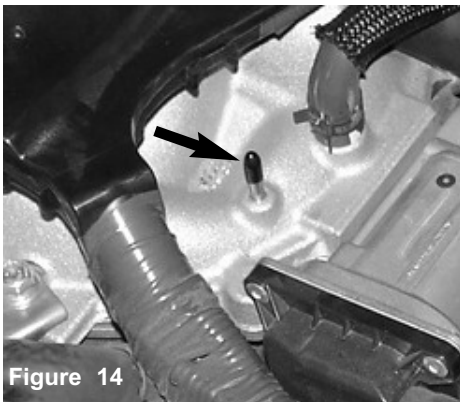


The vacuum line with the one-way check valve is pulled from the vacuum port.

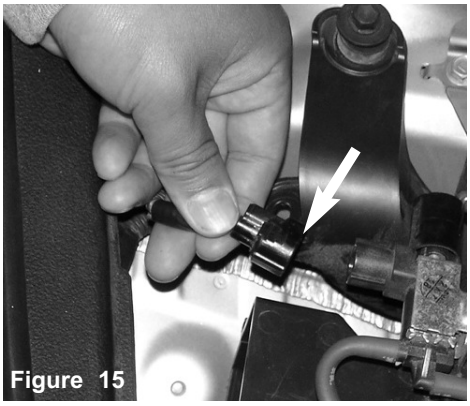
The reinforced vacuum hose is detached from the metal clip as shown above.



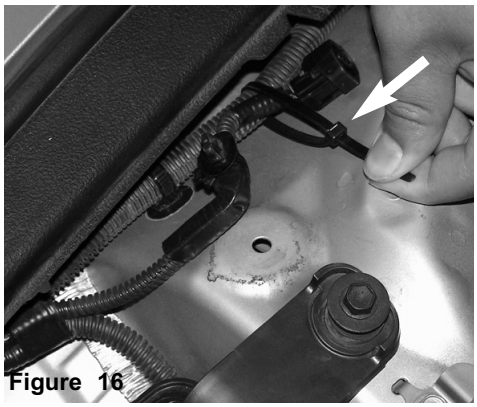
The 3mm vacuum cap is pressed over the vacuum port.



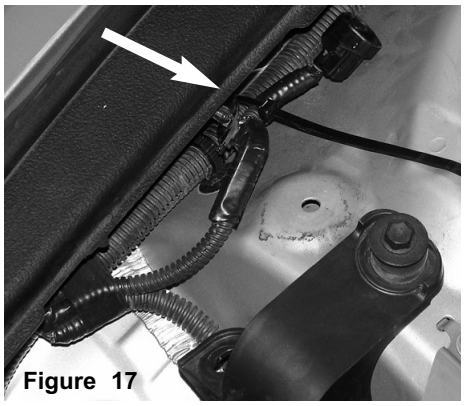
The 3mm vacuum port is now installed.



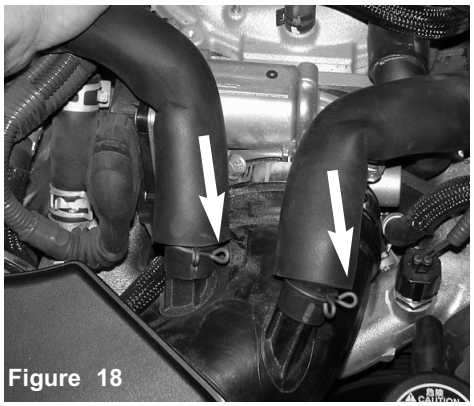
The harness clip is also removed from the vacuum switching valve.



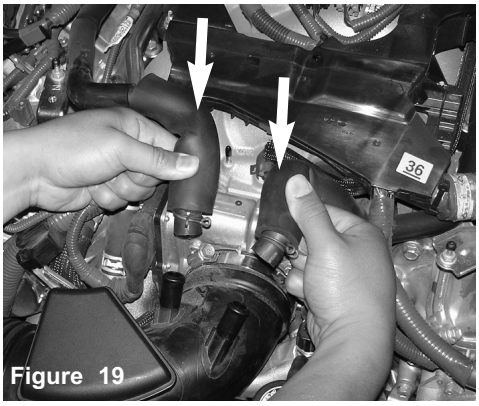
with zip tie, secure the harness to the side out of the way.



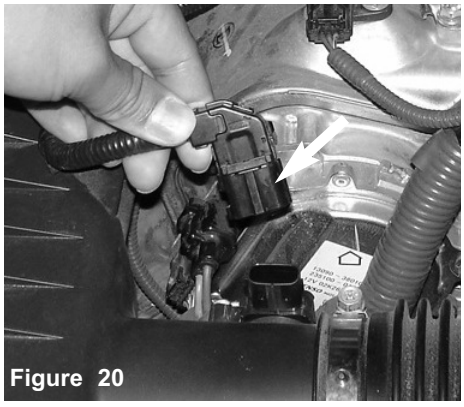
Secure and tighten. tighten the zip tie and cut off extra.



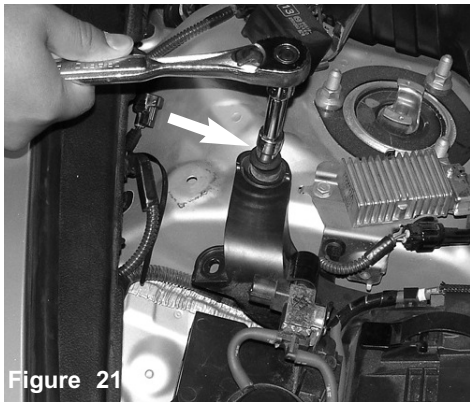
De-press the metal clamps on crank case lines



Pull back the crank case lines away from intake tube.

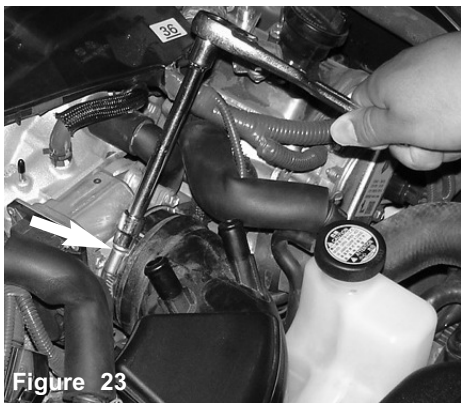


Depress the tab and pull the electrical harness connector from the mass air flow sensor.

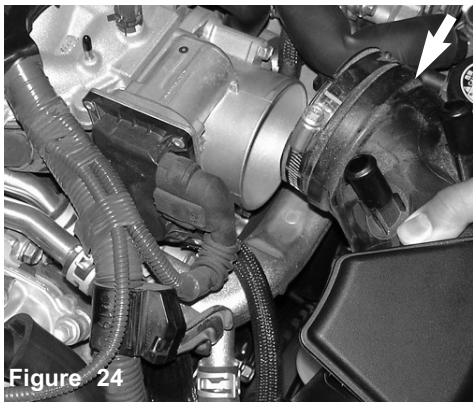


Loosen the bolt on the air box using 10 mm socket or wrench.

Loosen the bottom bolt on the air box.



Loosen the throttle body clamp over the air intake duct.



Once you have loosened the clamp, continue to pull the air intake duct from the throttle body.

Figure 25

The air box cleaner is now ready to be moved from the engine compartment.

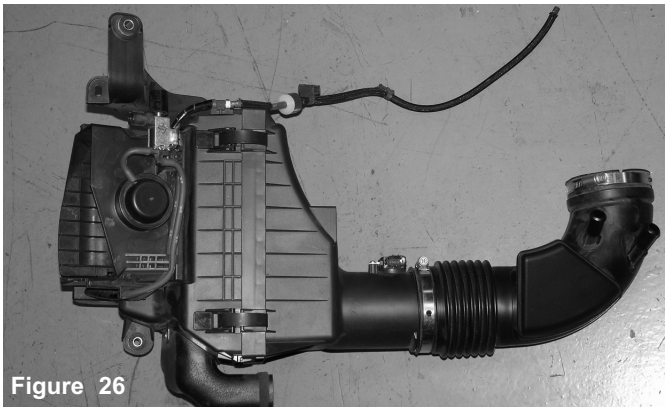


Figure 26

Complete OEM air box cleaner removed from the vehicle.

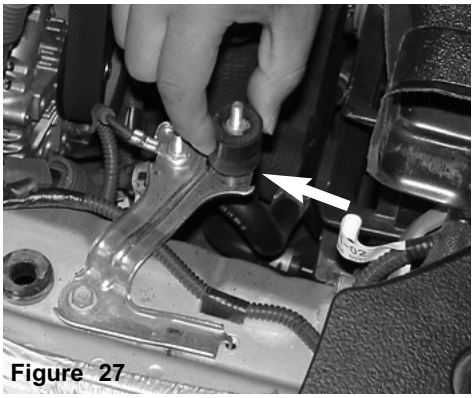


Figure 27

Install the M6 male/female vibramount to the threadded stud on bracket on vehicle frame.

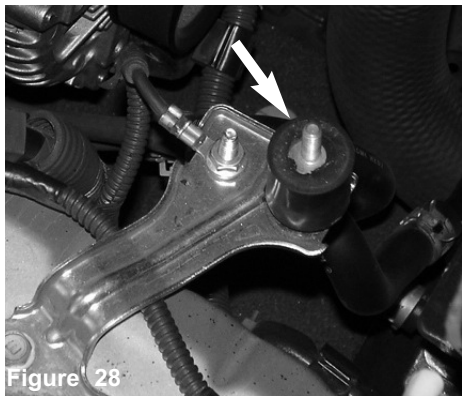


Figure 28

Secure and tighten.

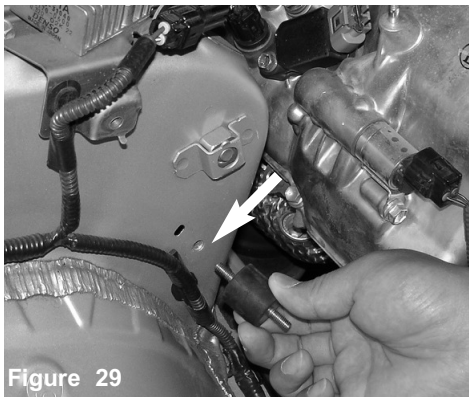


Figure 29

On the strut tower, locate the thredded insert and install the vibramount .

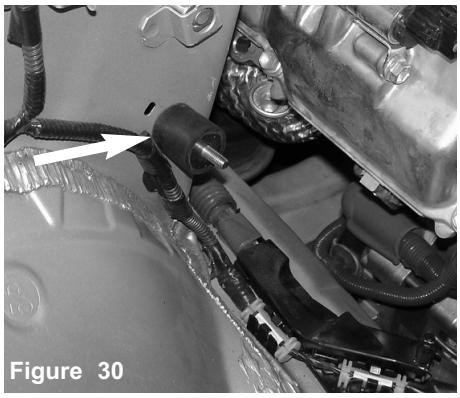


Figure 30

Secure and tightnen vibramount.

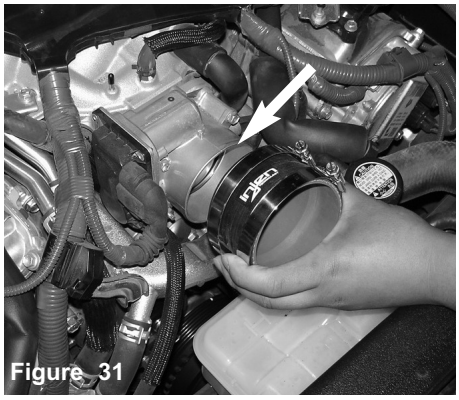


Figure 31

Install the 3.25" Hump hose with clamps to the throttle body and secure.

Figure 32

Secure and tighten clamp on throttle body only.

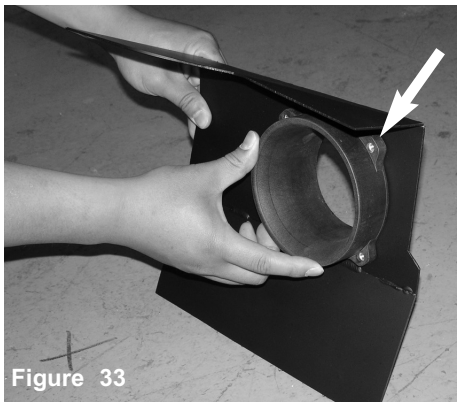


Figure 33

Install the velocity stack inside of the heat shield.

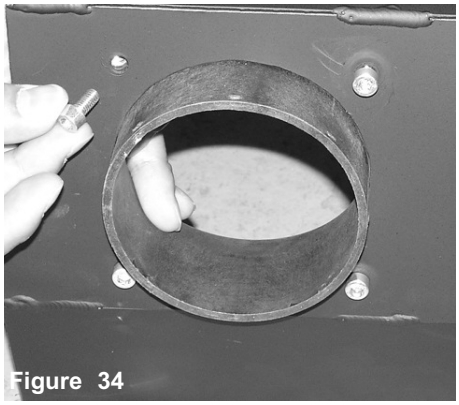


Figure 34

Secure the adaptor using M6 socket cap screws.

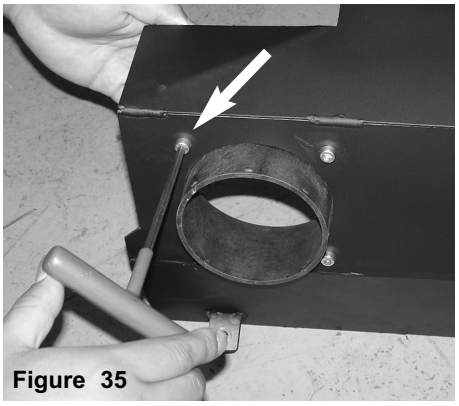


Figure 35

Secure and tighten using allen key.

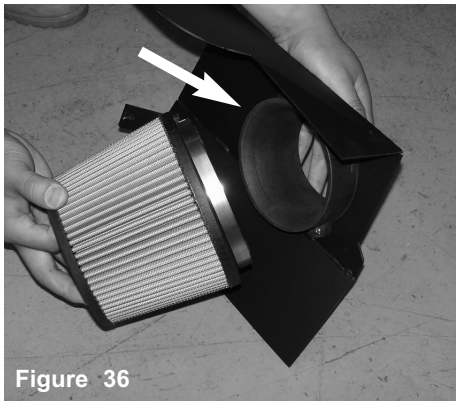


Figure 36

Install the air filter to the velocity stack .

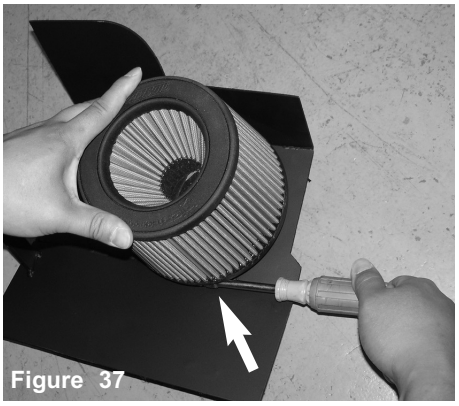


Figure 37

Tighten clamp using 8mm nut driver.

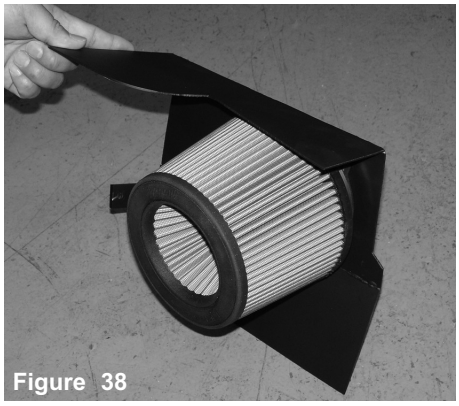


Figure 38

heat shield assembly ready to install.

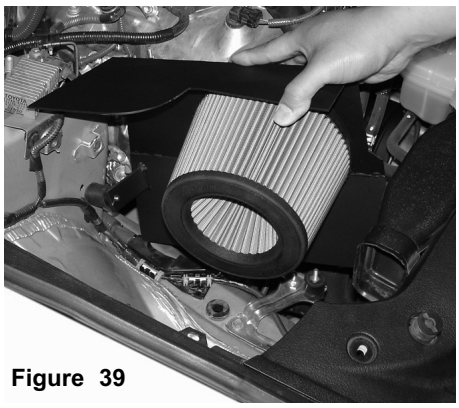


Figure 39

install the heat shield assembly into the vehicle.

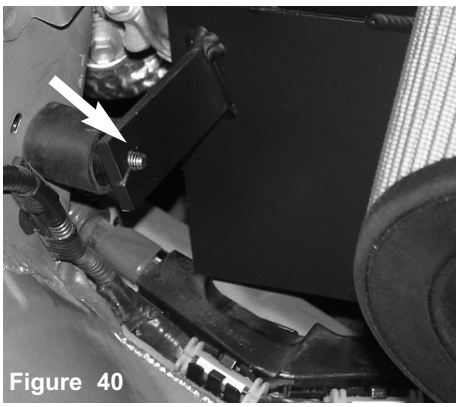


Figure 40

secure the heat shield bracket to the vibramount on strut tower.

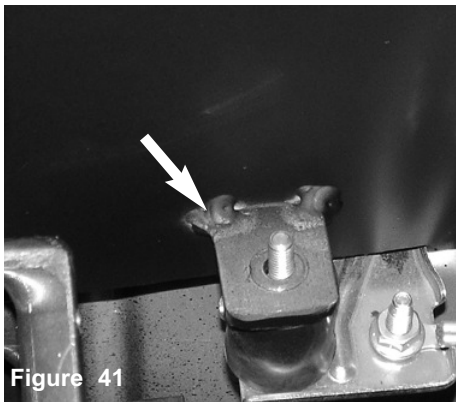


Figure 41

Install the other bracket on heat shield to the vibramount on the vehicle frame.

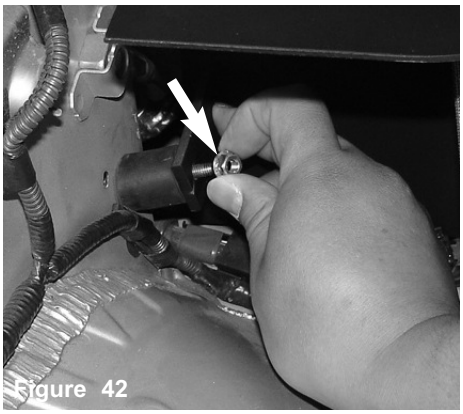


Figure 42

Secure the bracket using provided M6 nut and fender washer.

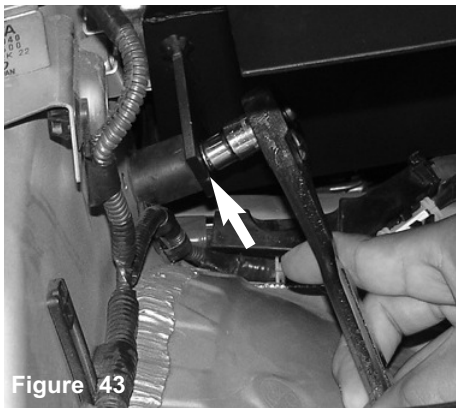


Figure 43

tighten using 10mm socket or wrench.

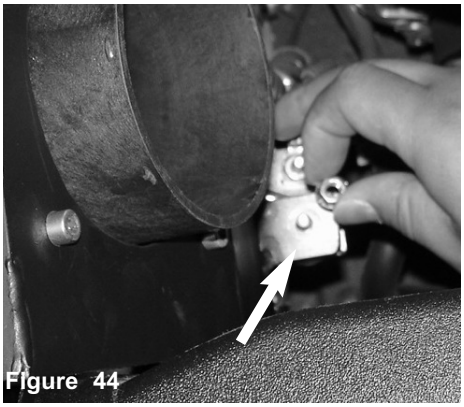


Figure 44

Secure the bracket using provided M6 nut and fender washer.

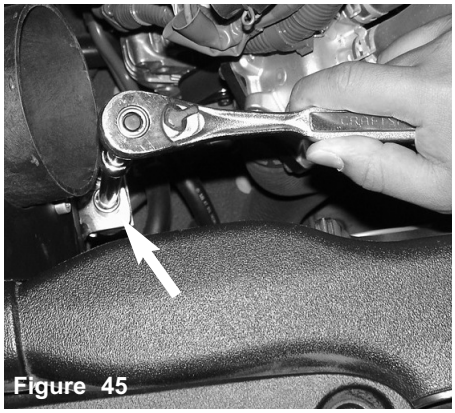


Figure 45

tighten using 10mm socket or wrench.

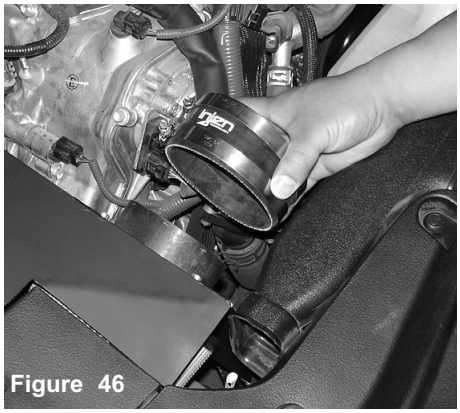


Figure 46

Install the 3.75” hump hose with clamps provided to the velocity stack.

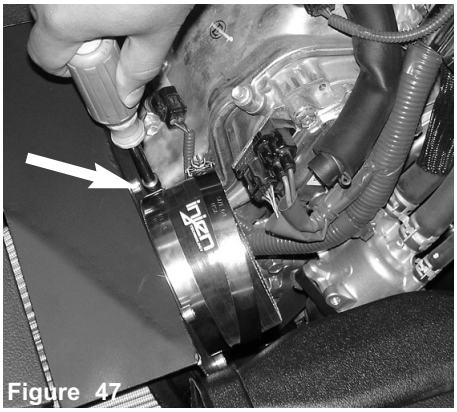


Figure 47

Secure and tighten clamp using 8mm nut driver.

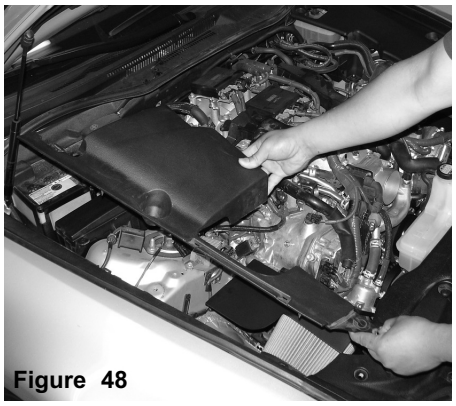


Figure 48

Re-install the side plastic engine cover panel.


Figure 49

Install the front shroud and secure.

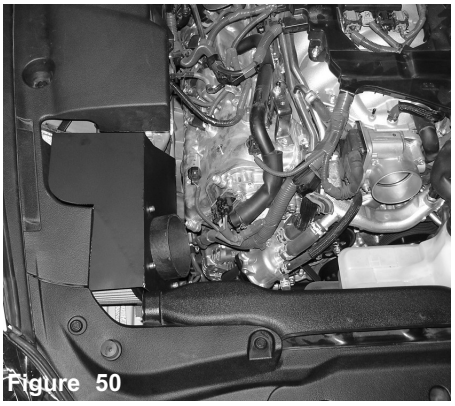


Figure 50

Make sure all plastic covers are installed.


Figure 51

Heat shield assembly completely installed.

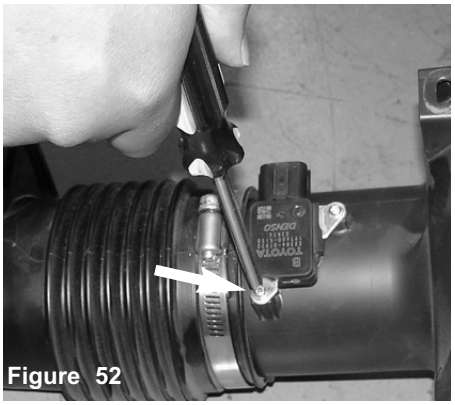


Figure 52

Loosen and remove the two screws holding the MAF sensor in the sensor housing.

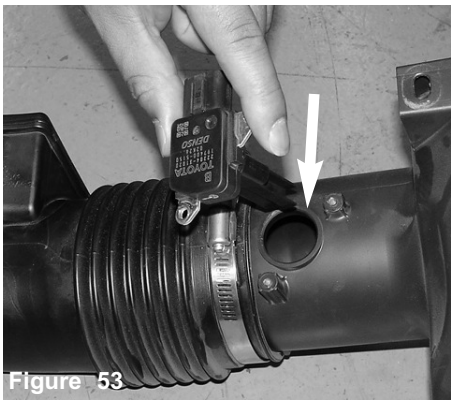


Figure 53

Carefully remove the MAF sensor

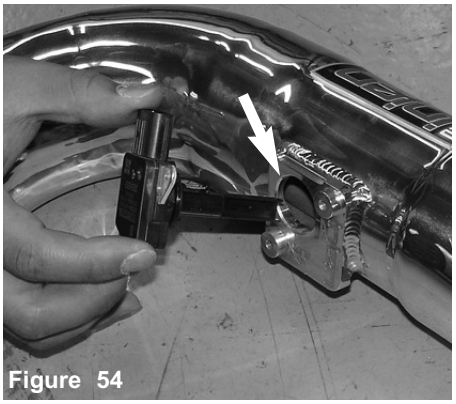


Figure 54

Now install the MAF sensor into the new injen intake tube.

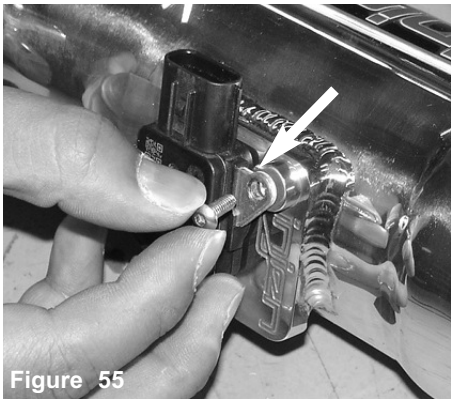


Figure 55

Secure the MAF sensor using provided M4 button head screws.

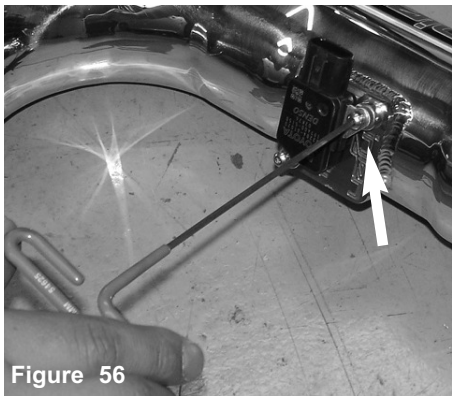


Figure 56

Secure and tighten using 2.5mm allen key.

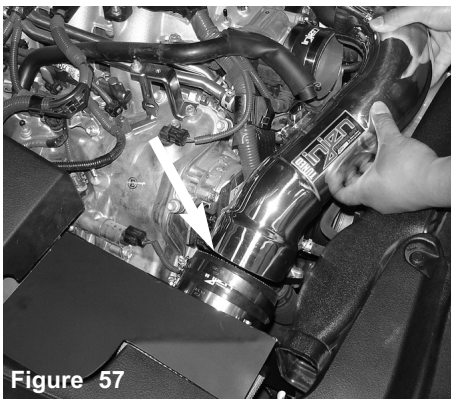


Figure 57

Install the intake tube and position to the adaptor

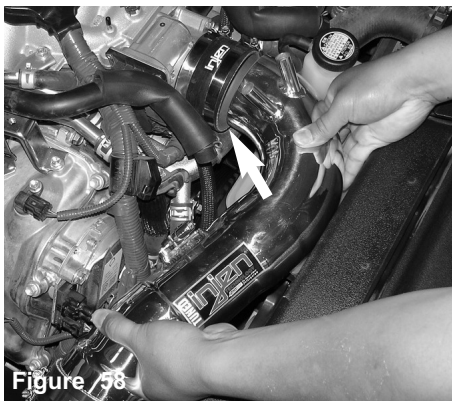


Figure 58

Position the intake tube to the throttle body.

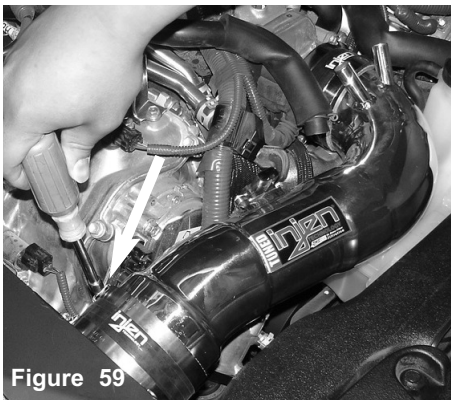


Figure 59

Adjust for the proper fit and clearance. Tighten clamp using 8mm nut driver.

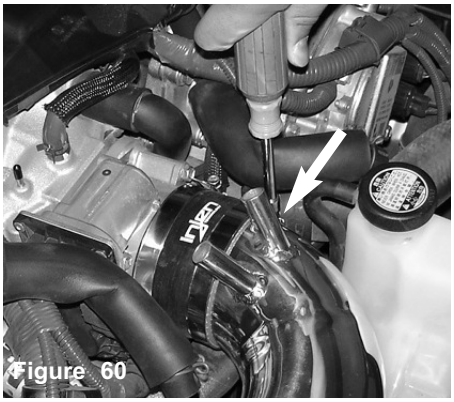


Figure 60

Tightnen the clamp on the throttle body using 8mm nut driver.

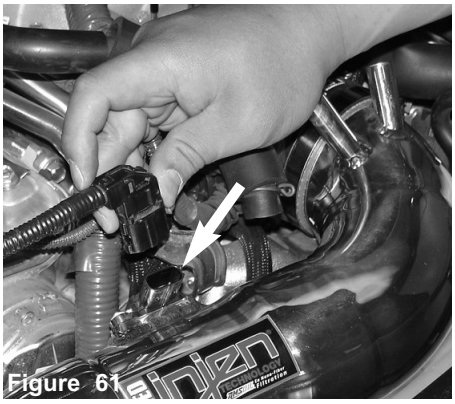


Figure 61

Secure and re-connect the MAF sensor harness.

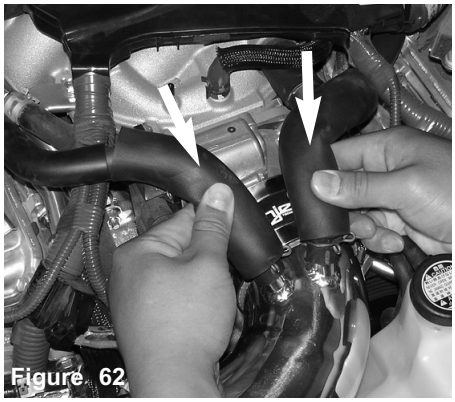


Figure 62

Reconnect both the crank case lines to the fittings on the intake tube and secure.


Figure 63

re-install the engine cover. Congratulations! You have just completed the installation of one of the best air intake systems made.


Figure 64

Periodically, check the fitment of both intake systems. Normal driving conditions may loosen nuts, bolts and clamps causing intakes to shift resulting in damage to other automotive parts.

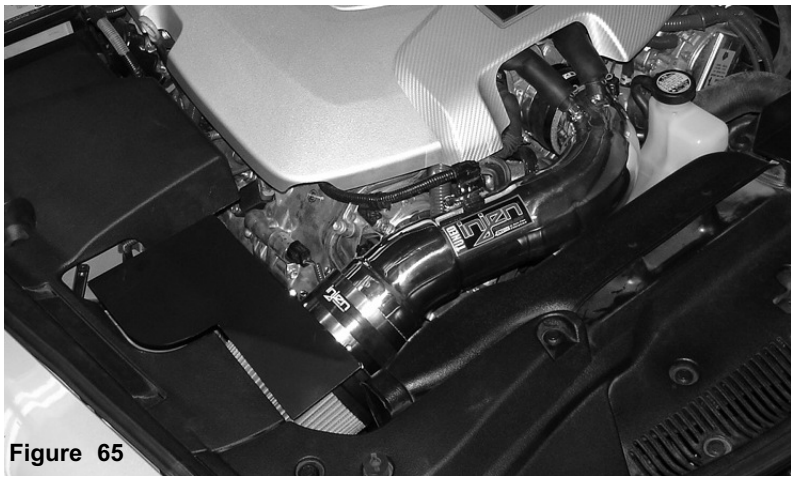


Figure 65

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.