



Part number SP2117
2011-13 Scion tC
2.5L 4cyl.
Not CARB legal

- 1- 2 pc. cold air intake equipped with **MR Tech and Air Fusion**
- 1- 3" Injen filter (#1017)
- 1- 3" hump hose (#3033)
- 1- 3" straight hose (#3044)
- 4- Power Bands #048 (#4004)
- 1- M5 hex screw (#6036)
- 2- M4 button head screw (#6047)
- 2- M6 vibra-mount (#6020)
- 3- M6 flange nuts (#6002)
- 3- M6 washers (#6010)
- 1- 4 page instruction

Note: All parts and accessories now sold on-line at :
"injenonline.com"



Figure 1

PRODUCT DISCLAIMER AND LIABILITY WAIVER:

THIS PRODUCT IS DESIGNED FOR OFF-ROAD or COMPETITION USE ONLY.

Due to the removal of the factory air box assembly, which contains a Non-removable Hydro-Carbon Element. Any aftermarket intake system that removes the factory air box assembly are to be used for off-road use only. Please keep all OEM intake system components for future use.

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.

Parts and accessories are available on line at "Injenonline.com"

Note: 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

Patent# 7,359,795

Now equipped with "Air Fusion" Patent pending

"At Injen Technology, we didn't copy the step down process, we invented it!"

Warning: Manufactures attempting to duplicate Injen's patented process will now face legal action.

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. Published and patent pending
- 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Inserts Published and patent pending

Figure 2



Figure 3
Stock box shown in this picture



Figure 4
For easier installation, remove the bumper cover to allow for the filter installation of the cold air intake system.

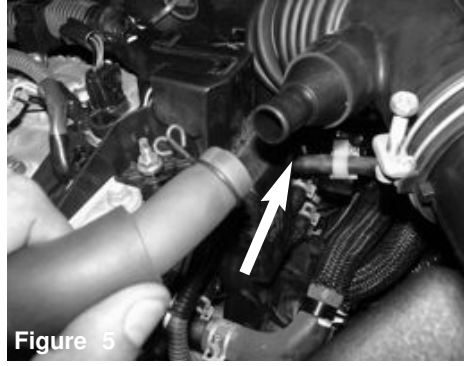


Figure 5
Pull back the crank case line from stock intake tube.

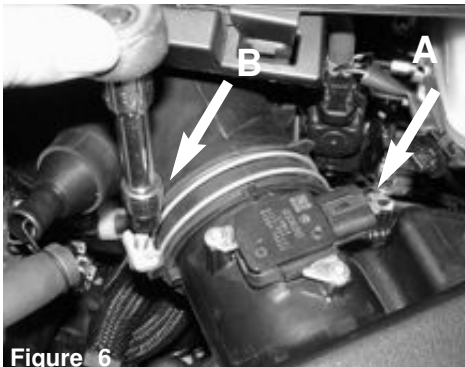


Figure 6
A) Disconnect the MAF sensor harness and harness clips attached to the intake tube. B) Loosen the clamp on air box using 10mm socket or wrench.

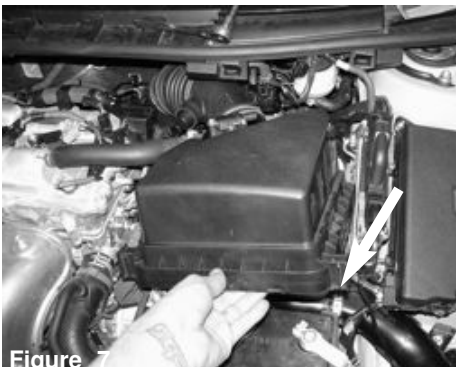


Figure 7
Un-clip the upper half of air box and remove.



Figure 8
With 10mm socket or wrench, loosen and remove the 3 bolts holding in bottom half of air box.

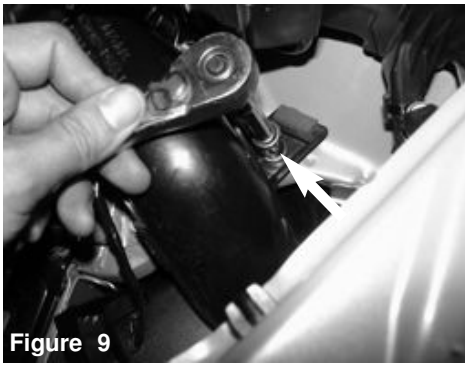


Figure 9
With 10mm socket and extension, loosen the bolt holding in the plastic snorkel assembly.

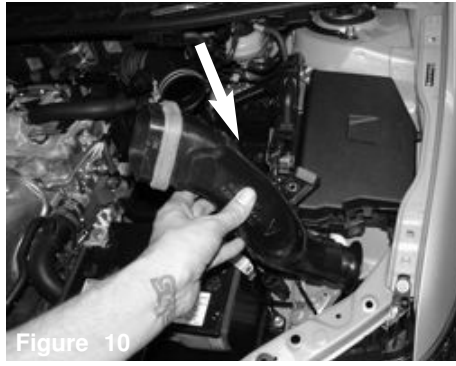


Figure 10
Remove the plastic snorkel assembly.

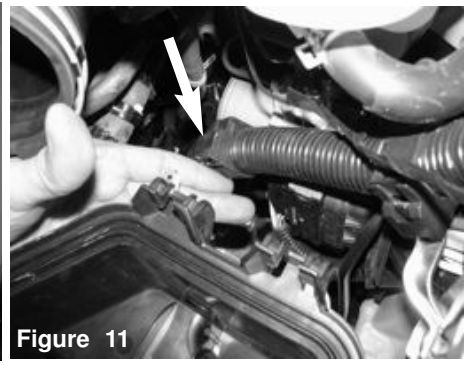


Figure 11
Pull back the ECU harness that is attached to the back of the bottom half of air box.



Figure 12
Remove the bottom half of air box out of vehicle.

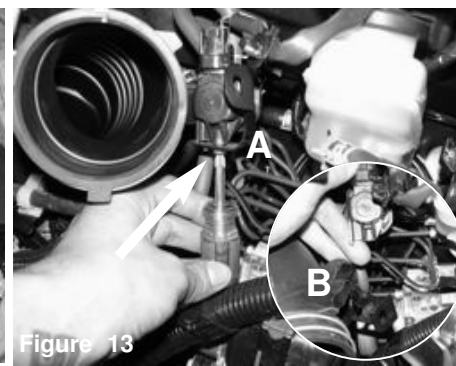


Figure 13
A) With phillips screwdriver, loosen the screw holding in VSV valve on bracket.
B) Carefully pull away from tube.



Figure 14
With pliers, pinch the clamp on throttle body and remove the stock intake tube.

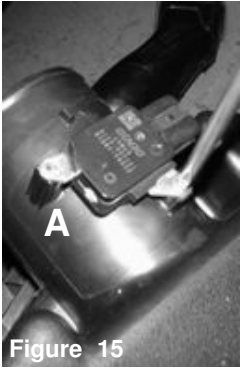


Figure 15

A) With phillips screw driver loosen the 2 screws holding in MAF sensor.
 B) Remove MAF sensor.

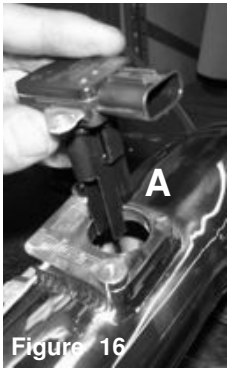
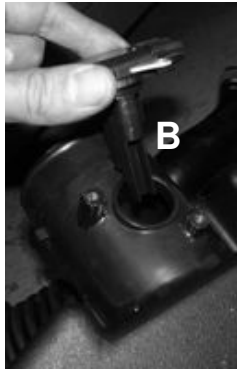


Figure 16

A) Install the MAF sensor into the new intake tube.
 B) Secure using the provided M4 button head screws and tighten using 2.5mm allen key.

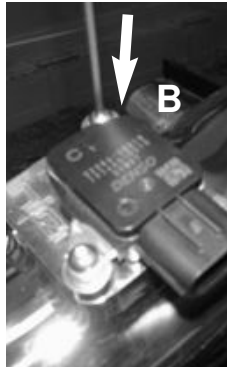


Figure 17

Install the 3 straight hose with clamps to the throttle body.

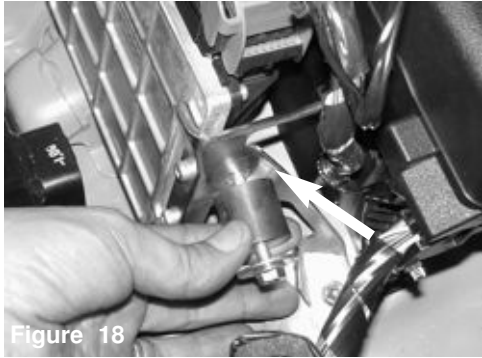


Figure 18

Attach the Vibra mount to the hole on bracket on the ECU. Secure the backside using M6 washer and nut.

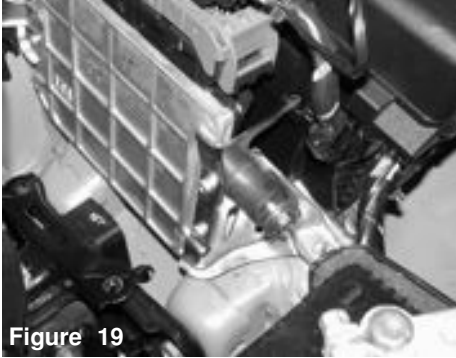


Figure 19

Should look like image above, secure and tighten using 10mm wrench.

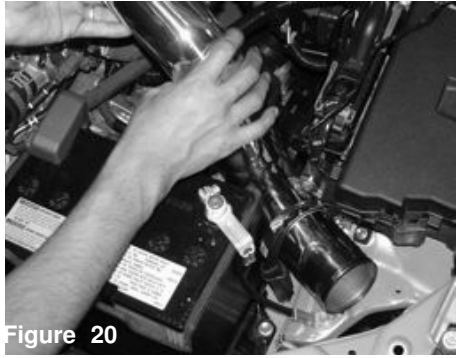


Figure 20

Install the lower intake tube into vehicle between the battery harness, rotate and position the bracket to the vibra mount.



Figure 21

When positioned, should look like image above.

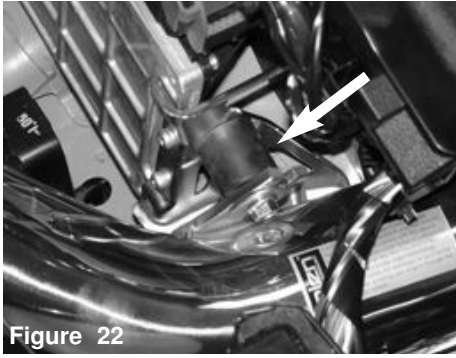


Figure 22

Secure the bracket and tighten using provided M6 nut and washer.



Figure 23

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

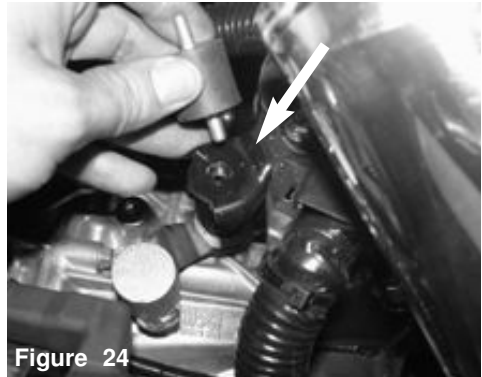


Figure 24

Attach vibra mount to the stock location of air box mounting threaded insert.



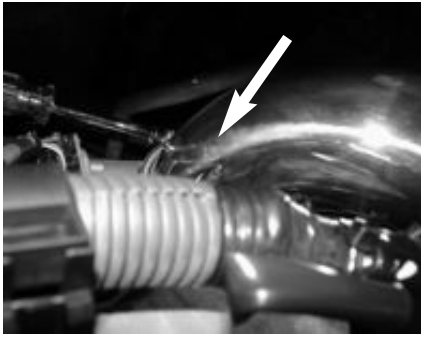
Figure 25

Attach hump hose with clamps provided to the lower intake tube. Do not tighten.



Figure 26

Install the upper intake assembly and position to the throttle body and bracket to the vibra mount.



Tighten the clamps on throttle body using 8mm nut driver.

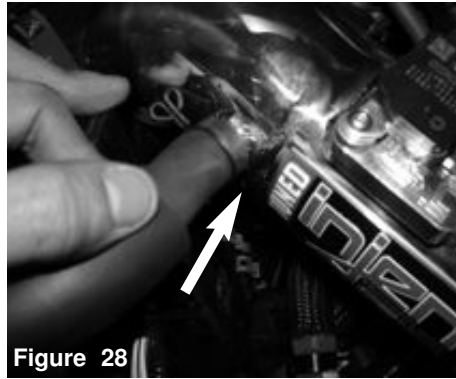


Figure 28
Attach the crank case line to the fitting on the intake tube.

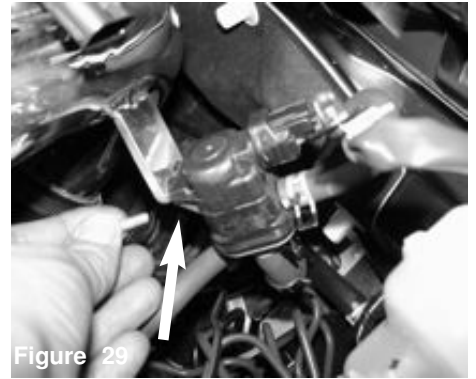


Figure 29
With the provided M5 hex screw, secure to the bracket on tube.



Figure 30
Tighten using 8mm socket with ratchet.

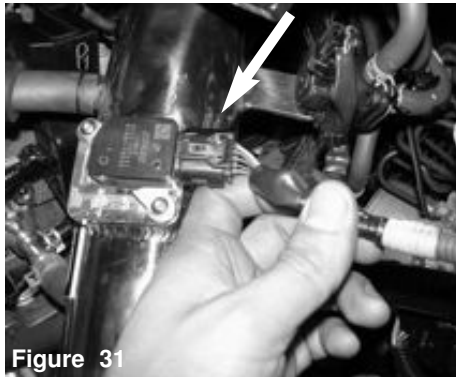


Figure 31
Re-connect the MAF sensor harness.



Figure 32
Tighten the clamps on the hump hose using 8mm nut driver.



Figure 33
Position for the best possible fit. Make sure nothing is hitting or rubbing. Re-tighten the vibra mounts if necessary for better fit.

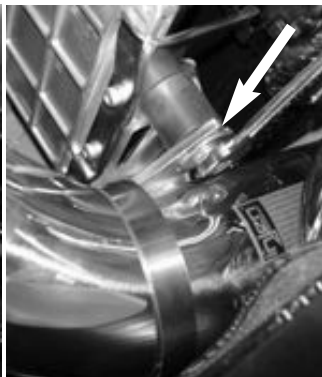


Figure 34
Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. Failure to check the alignment and adjust the intake can cause damage that will void the warranty.

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.