



# Cyborg Intake System

**“The World’s First Tuned air Intake System!”**

**Factory safe air/fuel ratio’s for Optimum performance  
Injens tuning process covered by three U.S. Patents**

**Part number SP1230  
2013-17 Subaru BRZ  
2013-16 Scion FR-S  
2017 Toyota 86  
2.0L 4cyl**

- 1- 1 intake system
- 1- 3.5" Dry web/nano filter (#1021)
- 1- Heat Shield (#11086)**
- 1- Cover (#11087)**
- 1- 3" straight hose (#3044)
- 2- Power Bands #048 (#4004)
- 5- M6 button head screws (#6083)
- 2- M4 button head screw (#6047)
- 3- M6x16 Hex screw (#6005)
- 1- M6 flange nuts (#6002)
- 3- fender washers (#6010)
- 1- Vinyl trim @ 13.5L (#6023)
- 1- 1.5" vinyl plug (#8040)

Note: All parts and accessories now sold on-line at :

**“injenonline.com”**

Note: The C.A.R.B Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector.

CARB E.O. 2013-2014 models only

**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.**

**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”

**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 1



Figure 2

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

**NOTE: DISCONNECT BATTERY BEFORE INSTALLATION! THIS WILL RESET AND START FUEL-TRIMS AT ZERO!**



Figure 3  
Stock box shown in this picture. **DISCONNECT BATTERY BEFORE INSTALLATION! THIS WILL RESET AND START FUEL-TRIMS AT ZERO!**

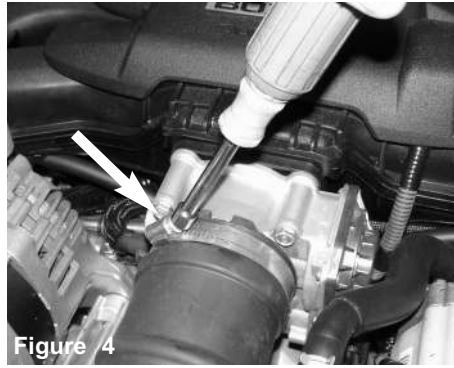


Figure 4  
Loosen the clamp on the throttle body using 8mm nut driver.

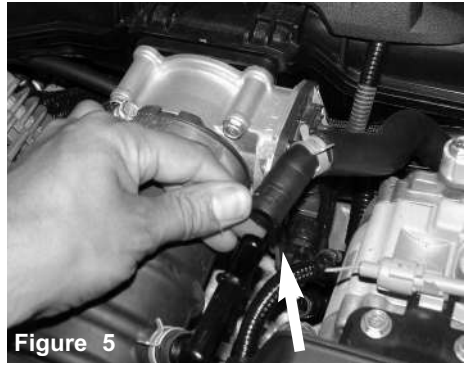


Figure 5  
With pliers, pull back the crank case line from the intake fitting.

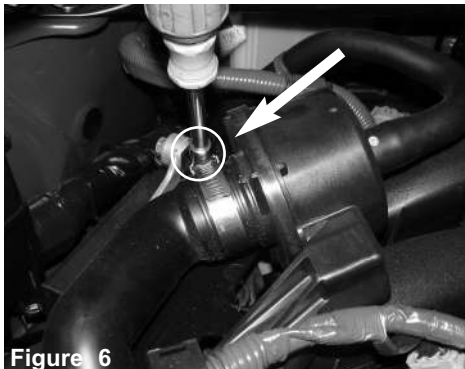


Figure 6  
Loosen the clamp on the Sound Tube resonator.

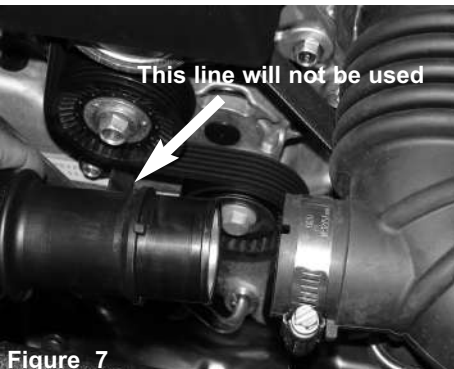


Figure 7  
Loosen the clamp on the intake tube and remove the sound tube. This will no longer be used on the new Injen intake system.

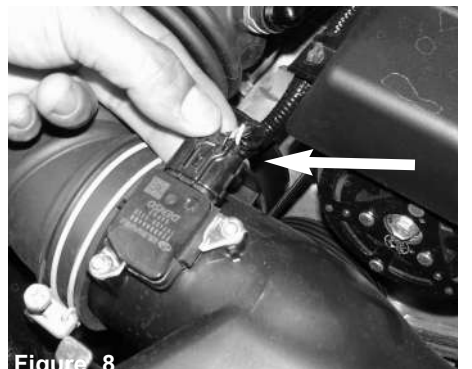


Figure 8  
Disconnect MAF sensor harness and pull line away from air box.

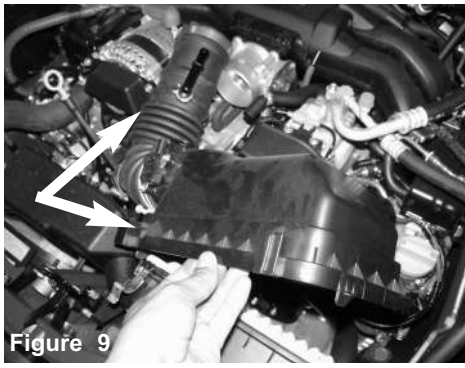


Figure 9  
Un-clip the upper part of the air box, remove the upper assembly including the intake tube from the vehicle.

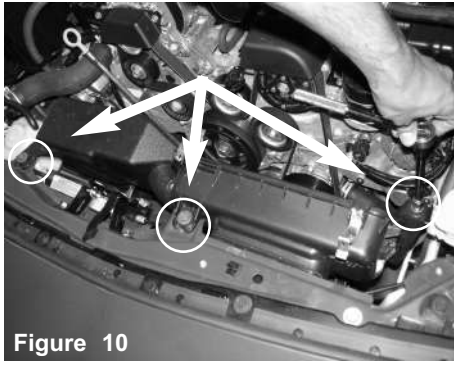


Figure 10  
Loosen the 3 bolts holding in the bottom half of the air box using 10mm socket and ratchet.

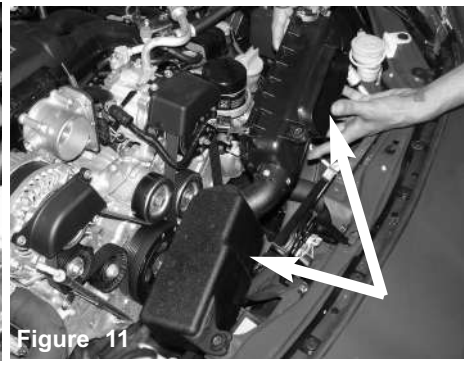


Figure 11  
Now lift up and remove the lower intake assembly from vehicle.

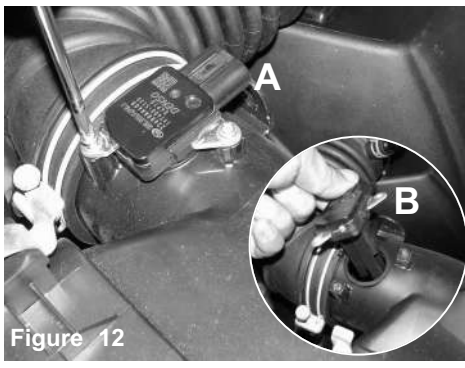


Figure 12  
A) Loosen the 2 screws holding in the MAF sensor using the phillips screwdriver. B) Remove the MAF sensor from the vehicle.



Figure 13  
Install the MAF sensor into the intake tube.

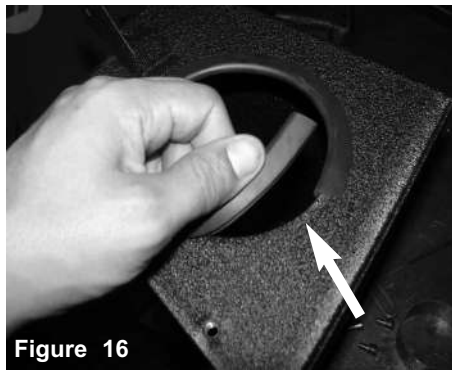


Figure 14  
Secure MAF sensor using provided M4 button head screws. Tighten using 2.5mm allen key.



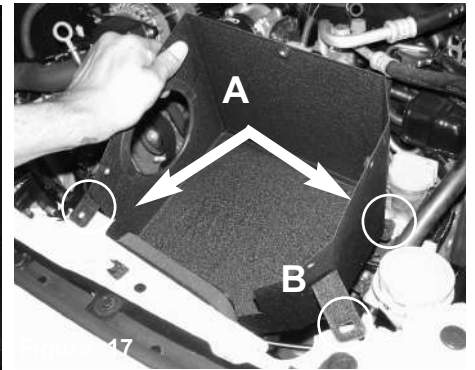
**Figure 15**

Pull back the clip that is holding in cable located on the radiator support. This hole will support the tab on the new Injen heat shield.



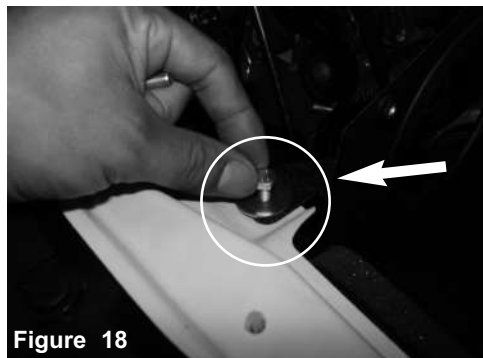
**Figure 16**

Install the vinyl trim to the hole in the heat shield..



**Figure 17**

A) Install the heat shield and position the tabs to factory mounting points. B) Position tab to radiator support from step 15.



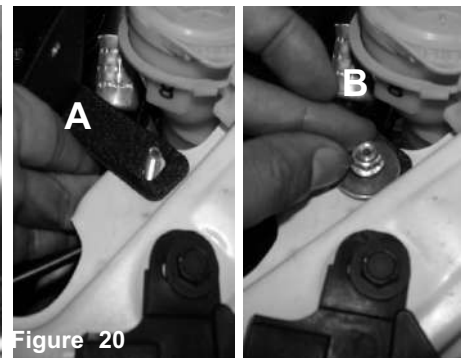
**Figure 18**

Secure the front of the heat shield using provided M6 hex screw and fender washer.



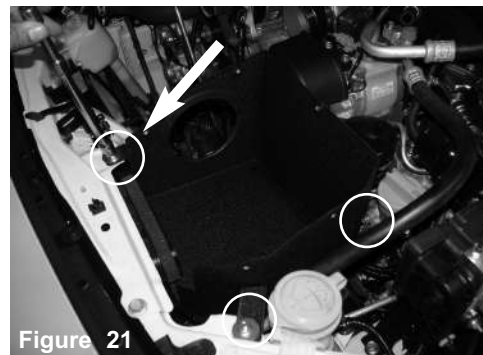
**Figure 19**

Secure the back of the heat shield using provided M6 screw and fender washer.



**Figure 20**

A) Place provided hex screw from bottom of radiator support through tab. Hold screw in place. B) Now secure using provided M6 nut and fender washer.



**Figure 21**

**Tighten all screws using 10mm socket and ratchet.**



**Figure 22**

Now install the 3" straight hose to the throttle body with clamps and tighten on the throttle body only.



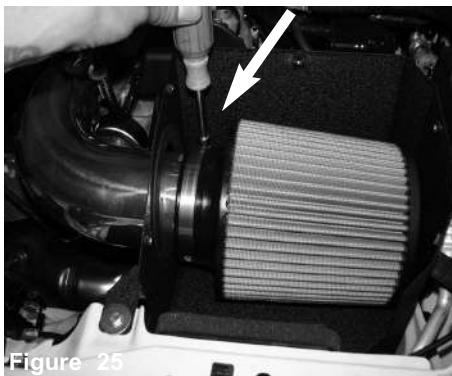
**Figure 23**

Now install intake tube through heat shield and position to throttle body.



**Figure 24**

Position for best fit. **Tube will have slight angle for filter to clear heat shield cover. Make sure the tube sits up against the throttle body. Do not tighten.**



**Figure 25**

Install the filter to the intake tube and tighten using 8mm nut driver. **MAKE SURE THAT THE FILTER FLANGE GOES ON THE TUBE 3/4"-1" AND STOP. DO NOT FORCE FILTER ON ANY FURTHER.**



**Figure 26**

Now position for best fit, Secure and tighten using 8mm nut driver.

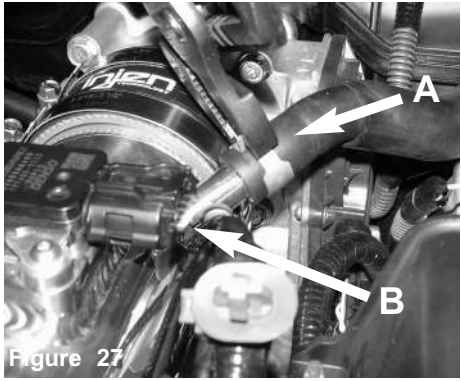


Figure 27  
A)Secure the crank case line to fitting on tube using pliers and factory clamp. B)Reconnect the MAF sensor harness.

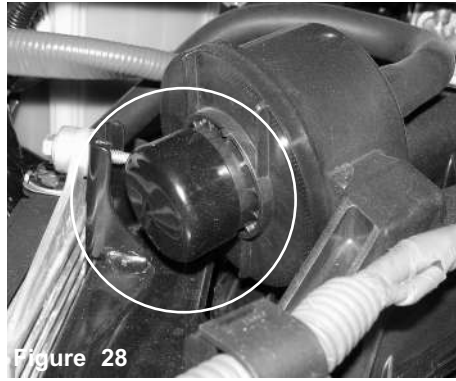


Figure 28  
With vinyl cap provided, cap-off the sound tube resonator.

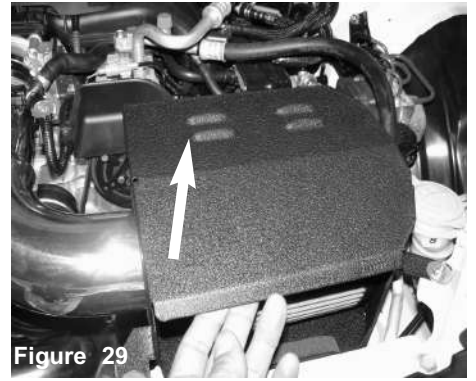


Figure 29  
Now attach the cover to the heat shield.

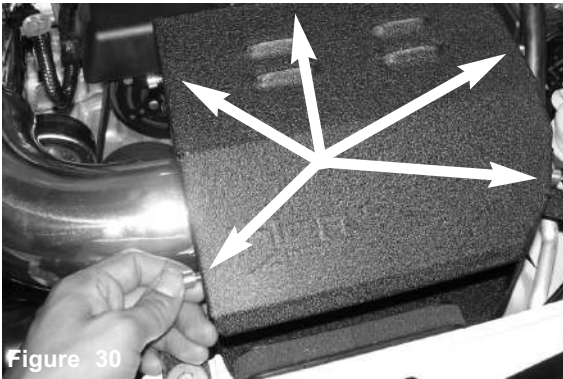


Figure 30  
With provided M6 button head screws, secure the cover and tighten. Re-position if necessary. **NOW CONNECT BATTERY TERMINALS. START VEHICLE AND LET IDLE FOR 5 MINUTES.**



Figure 31  
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. **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. 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.