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.

Part number SP2104

2008-2015 Scion xD 1.8L 4 cyl.

Not CARB approved

1- One piece cold air intake with MR Technology	
1- 2 3/4" Injen filter	**(#1013)**
1- 2 1/2" straight hose	**(#3048)**
2- Power-bands 040/.312	**(#4003)**
2- m4 x 10mm hex bolts	**(#6047)**
1- m6 vibra-mount	**(#6020)**
1- m6 flange nut	**(#6002)**
1- Fender washer	**(#6010)**
1- 4 page instruction	

Hydro-Shield sold separately: X-1033

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"

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 air Intake System!"

Optimum performance, Factory safe air/fuel ratio.

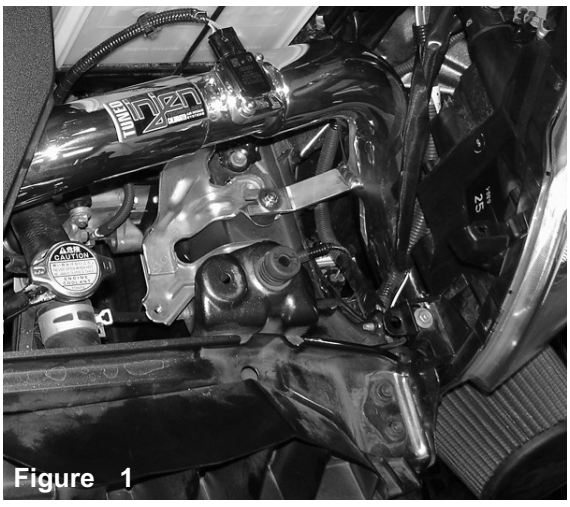


Figure 1

Warning: When purchasing an intake be aware of manufactures attemping to duplicate Injen's famous patented MR Tech- step-down process.

Injen, the only company that tunes intakes with the MR patented process:

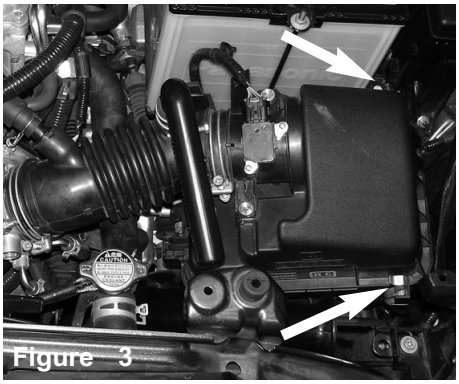
1- Calibration Method for Air Intake Tracts for Internal Combustion Engines.
Covered under Patent# 7,359,795

2- Calibration Device for Air Intake Tracts for Internal Combustion Engines.
Published and patent pending

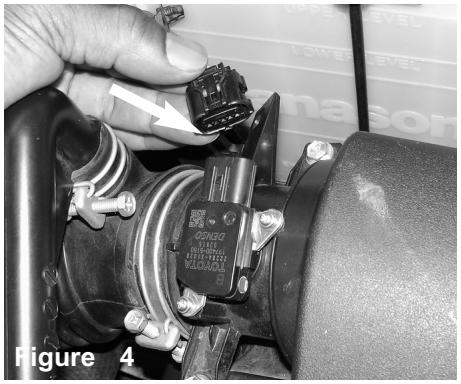
3- Calibration Method and Device for Air Intake Tracts having Air Fusion
Published and patent pending

4- Tuning Method and Device for intake tracts having built-in, extended Air Horns **patent pending**

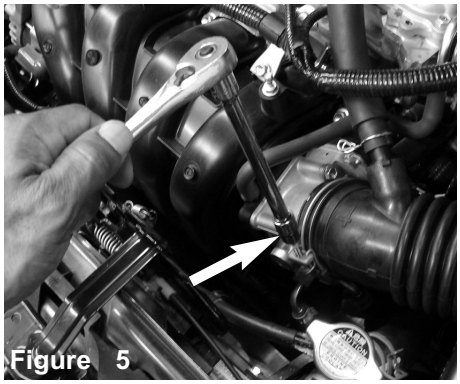
Figure 2



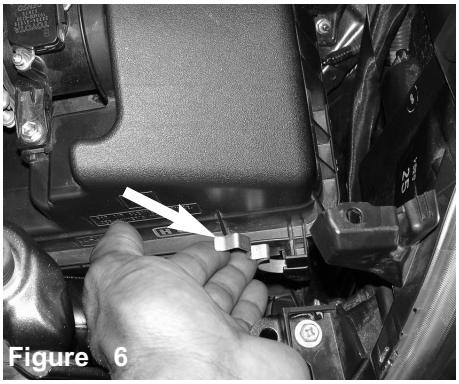
Top shot of the stock air box. Note: arrows indicate metal hinges to be unlatched in order to remove the top air box. **Prior starting the installation, start by removing the front bumper.**



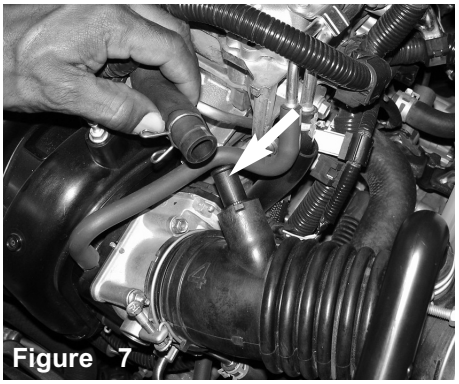
Disconnect the electrical harness clip on the mass air flow sensor.



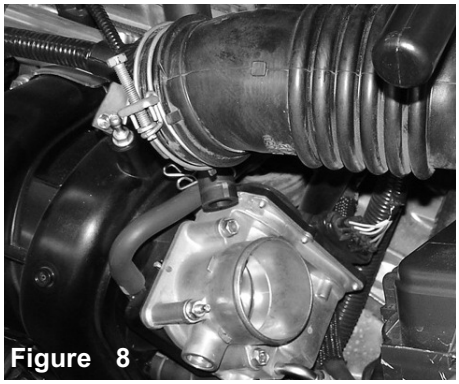
Loosen the air duct clamp as shown above.



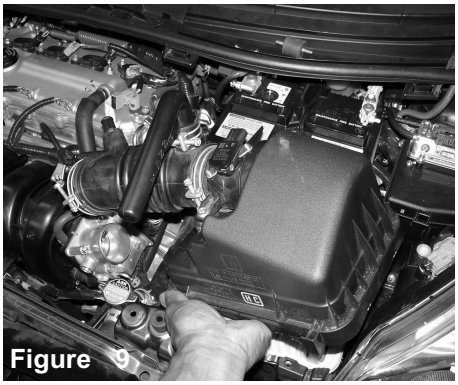
The two metal hinges are now unlatched to remove the top air box.



The crankcase vacuum hose is removed from the air intake duct port.

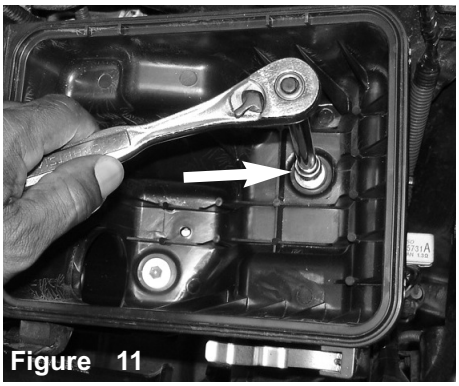


The air duct is pulled off from the throttle body.

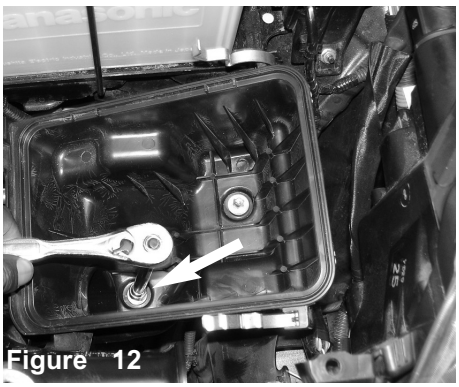


The top air box is now separated from the lower air box.

With the air box top out of the way, continue to pull the paper panel filter from the lower air box.



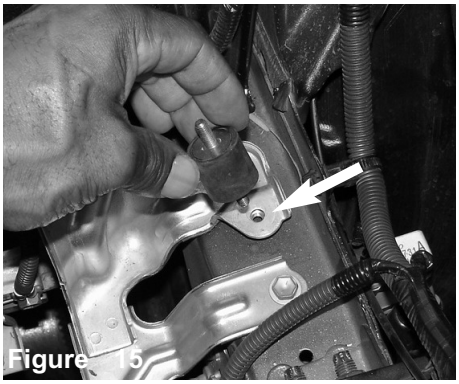
Remove the two m6 bolts from the lower air box cleaner. The first m6 bolt is being removed.



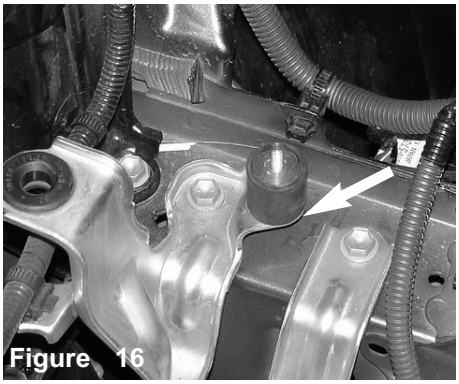
The second m6 bolt is now removed from the lower air box.

The lower air box is now ready to be pulled out of the enigne compartment.

Press the 2 1/2" straight hose over the throttle body, use two power-bands over the hose and tighten the clamp over the throttle body.



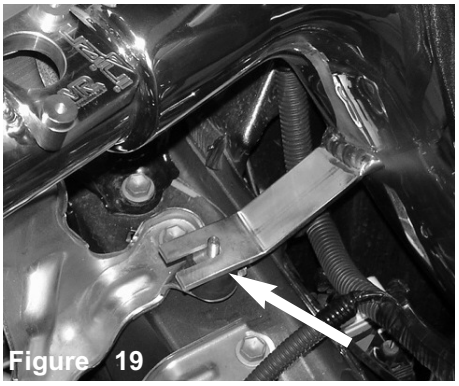
The m6 vibra-mount is aligned to the pre-tapped bolt hole as shown above.



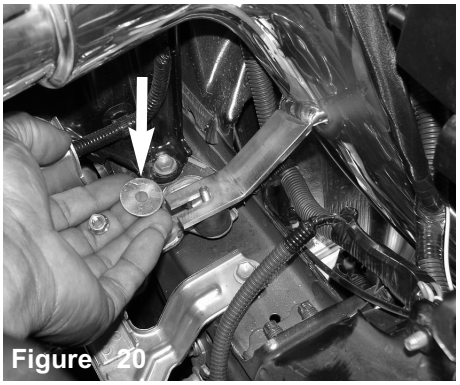
The vibra-mount is screwed into the pre-tapped hole until it is sitting flush over the bracket.

Lower the intake into the engine compartment and into the bumper area.

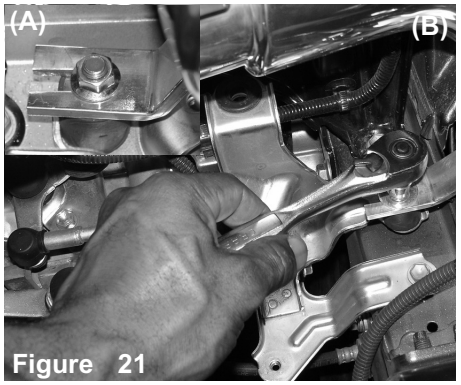
As the intake is lowered into the engine, the top end is pressed into the throttle body hose while the intake bracket is aligned to the vibra-mount stud.



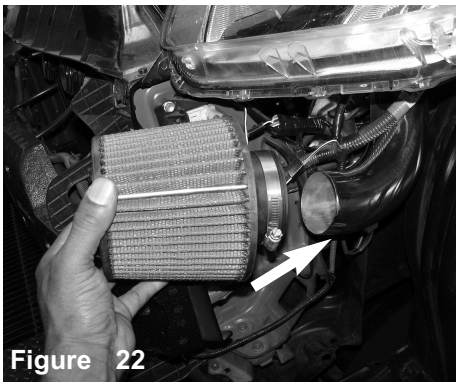
The intake bracket is aligned to the vibra-mount stud while the other end is inserted into the throttle body hose.



The m6 nut flange nut and washer are used to secure the intake to the vibra-mount.

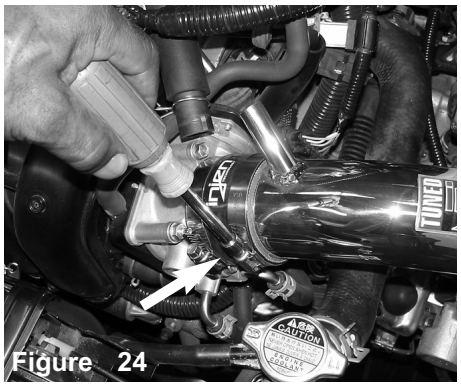


Once the m6 flange nut and washer have been placed over the intake bracket (A), continue to use a ratchet and 10mm socket to tighten the m6 nut (B).



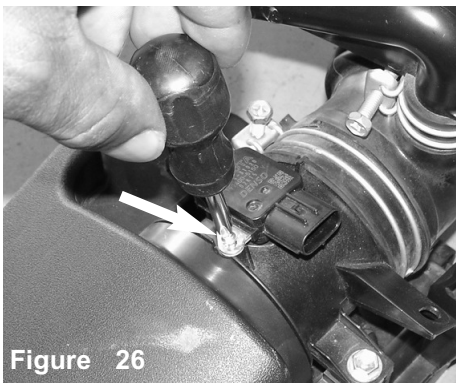
align the filter over the end of the intake until the intake is butted up against the filter stops.

Once the filer has come to a stop, continue to tighten the filter clamp.

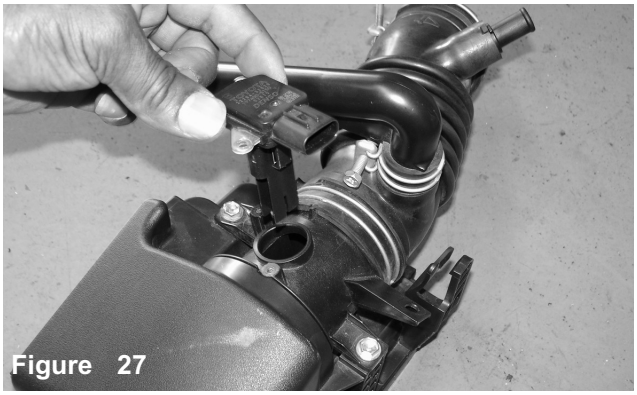


Once the intake has been aligned, continue to semi-tighten the throttle body hose clamp.

The crankcase breather line is now pressed over the intake port and the stock tension clamp is used to secure the breather hose.

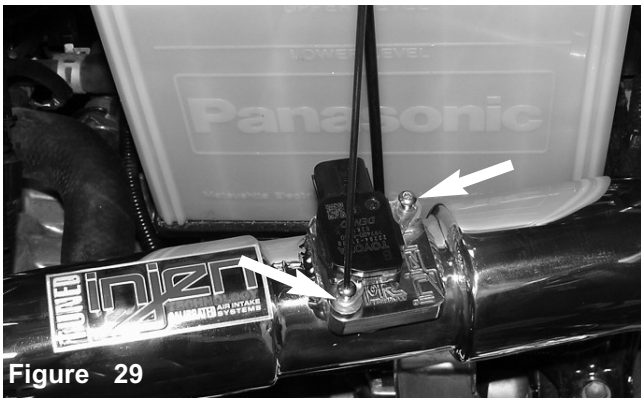


The two stock screws are loosened and removed from the stock sensor housing as shown above.



Once you have removed the two bolts, continue to pull the mass air flow sensor from the sensor housing.

Insert the directional mass air flow sensor into the machined sensor adapter. A dab of light oil should be used on the O-ring to prevent kinking or tearing of the O-ring.



The two m4 x 10mm bolts in this kit are used to fasten the mass air flow sensor in place.

Press the electrical harness clip over the mass air flow sensor until it snaps in place.

The entire intake system is now aligned for best possible fit. Once you have cleared the intake of any moving parts, continue to tighten all nuts, bolts and clamps. The bumper is now ready to be reinstalled.

Congratulations! The installation is now complete. Periodically, check the alignment of the intake system for posible shifting. Shifting may cause damage to the intake 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.