



Part number SP2033

2011 Toyota Camry

3.5L V6 Not CARB legal

- 1- 1 pc. cold air intake equipped with **MR Tech and Air Fusion**
- 1- 3.5" Injen filter (#1015)
- 1- 3-1/8"x3-1/2" step hose (#3124)
- 1- Power Bands #056 (#4005)
- 1- Power Bands #048 (#4004)
- 1- Vinyl cap medium (#8004)
- 2- Vinyl cap small (#8003)
- 1- clear barb-fitting (#8007)
- 2- M4 button head screw (#6047)
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nuts (#6002)
- 1- M6 washers (#6010)
- 1- zip-tie (#8014)
- 1- 4 page instruction

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



Figure 1

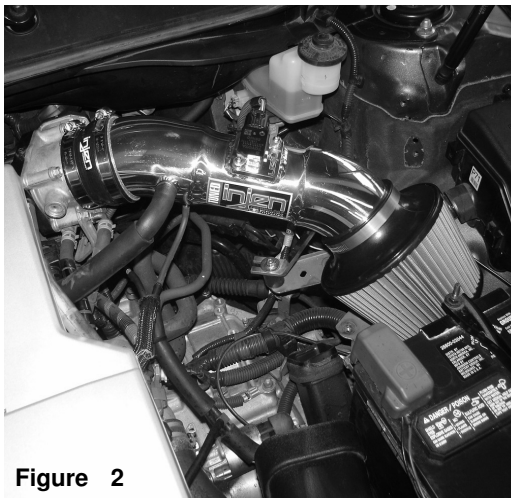


Figure 2

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 3
Stock box shown in this picture

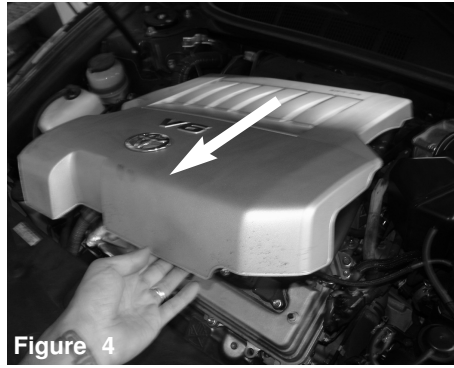


Figure 4
Remove the engine cover.



Figure 5
Now remove the front plastic engine cover.

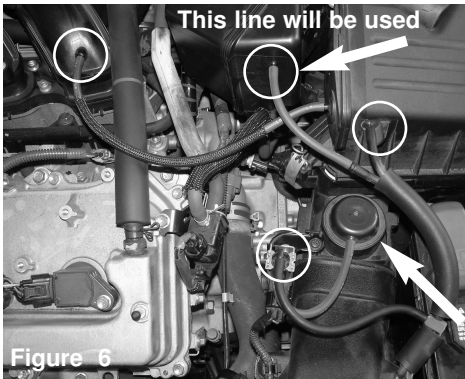


Figure 6
Now for the next few steps we are going to focus on the VAD which you will not use in the new Injen Short Ram. **Line shown above will be the only line used in the injen intake system.**

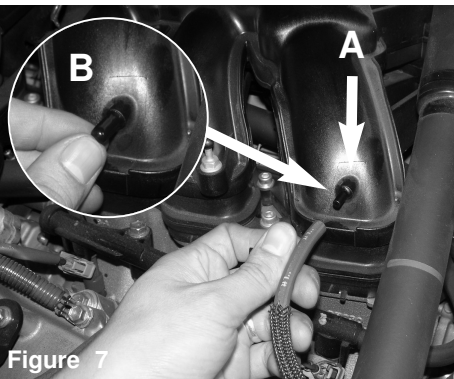


Figure 7
A) Remove the vacuum line from the engine side on the intake manifold fitting. B) Now cap-off fitting using provided medium vinyl cap. **Leave the line attached to stock air box so you will not lose it.**

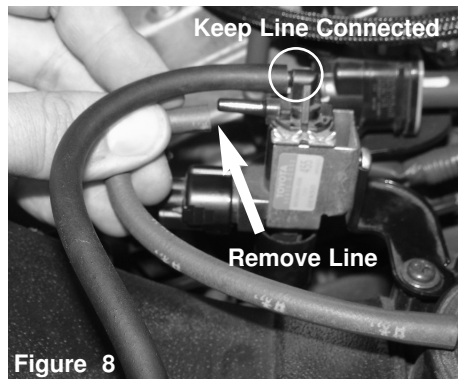


Figure 8
Now image above shows the side of the VAD module. Disconnect the bottom or grey line from the actuator. **Leave the top line or black line connected.**

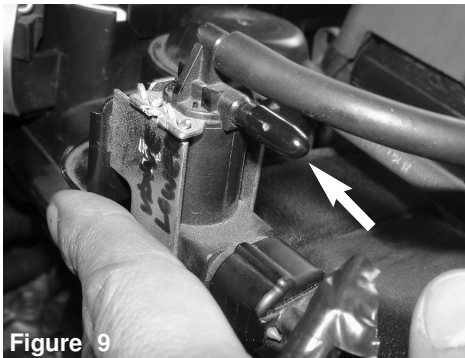


Figure 9
Now cap off the fitting on the VAD module using provided small vinyl cap.

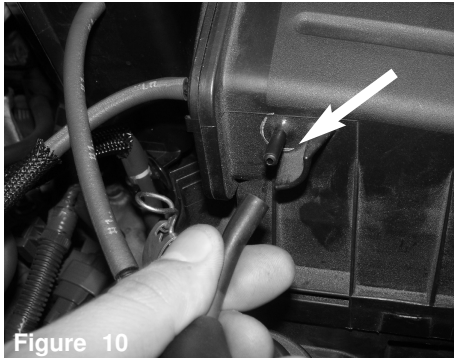


Figure 10
Disconnect the black line from the upper part of the air box.

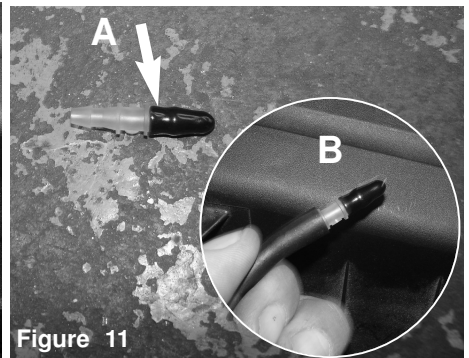


Figure 11
A) Now with provided barb-fitting, use the provided small vinyl cap and cap-off one side of the fitting. B) Now, install and cap-off the black line from step 10. **This line will no longer be used on the injen system.**

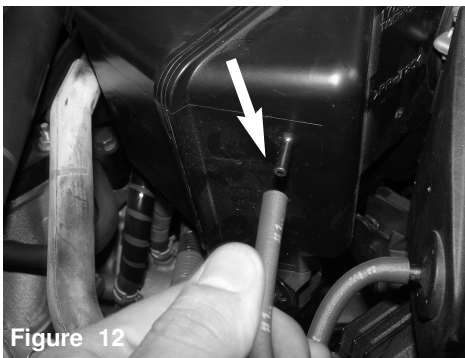


Figure 12
Now remove the remaining last vacuum line from the stock intake system. Note: **This line will be used on the injen intake system.**

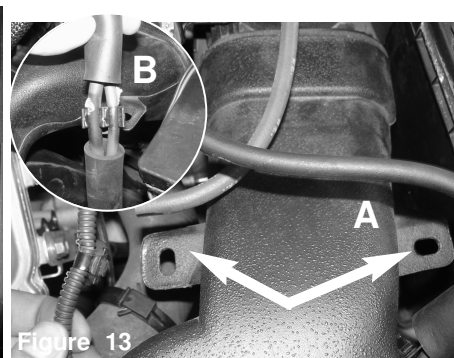


Figure 13
A) Pull harness lines away from the stock ram unit. B) Carefully pull lines away from the ram unit.



Figure 14
Loosen the 2 bolts holding in the Ram air unit and remove. This will be used again when finished with the install.

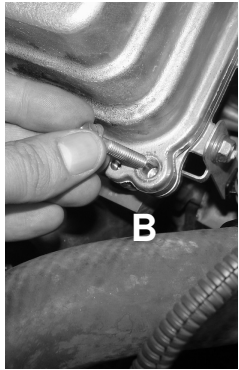
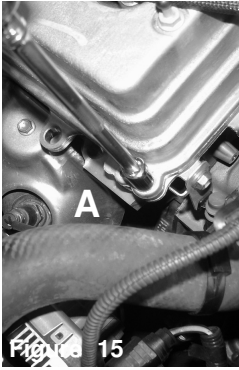


Figure 15
A) Loosen the bolt on the valve cover closes to the VAD module using 10mm socket and ratchet.
B) Remove bolt and save for later install.

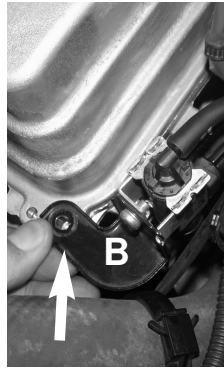
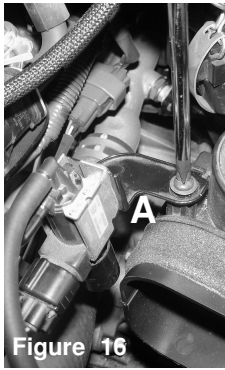


Figure 16
A) Loosen the VAD module using phillips screwdriver. B) Now remove the VAD module and flip over allowing harness not to kink and secure to the valve cover.



Figure 17
Now secure and tighten using the bolt from step 15. The VAD module is now secured.

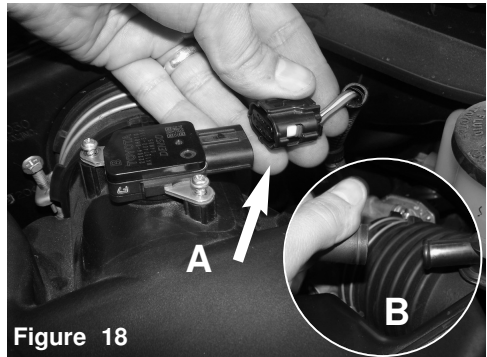


Figure 18
A) Disconnect the MAF sensor harness.
B) Pull back the crank case line.



Figure 19
Unclip the upper half of the air box.

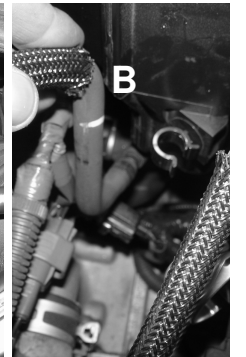
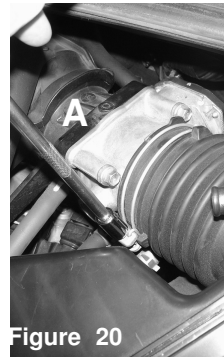


Figure 20
A) Loosen the clamp on the throttle body using 10mm socket or ratchet. B) Pull back any lines from the stock intake system that are attached.

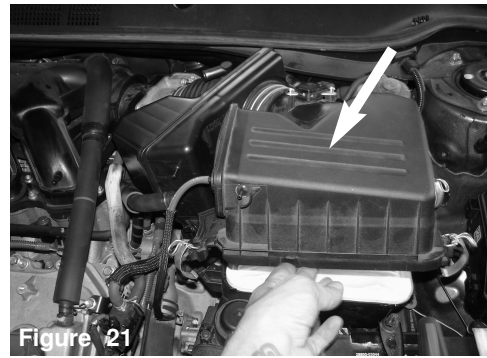


Figure 21
Lift up and remove the upper half of the air box assembly from the vehicle.



Figure 22
Loosen and remove the 3 bolts holding in the stock bottom half of the air box.



Figure 23
Remove the complete bottom half of air box from the vehicle.

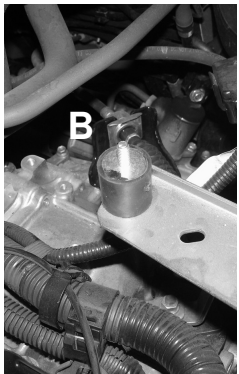
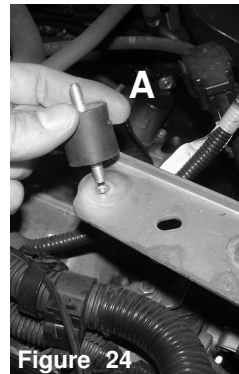


Figure 24
A) Install the vibra mount to the end of the stock air box bracket. B) Secure and tighten.

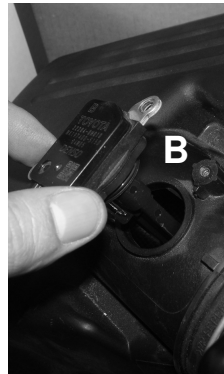
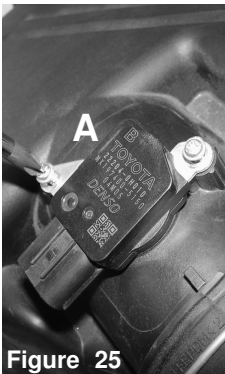


Figure 25
A) Loosen the 2 screws holding in the MAF sensor. B) Remove MAF sensor.

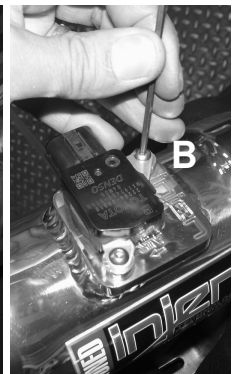
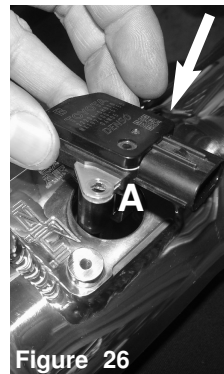


Figure 26
A) Install the MAF sensor to the intake tube. B) Now secure using 2.5mm button head screws provided.

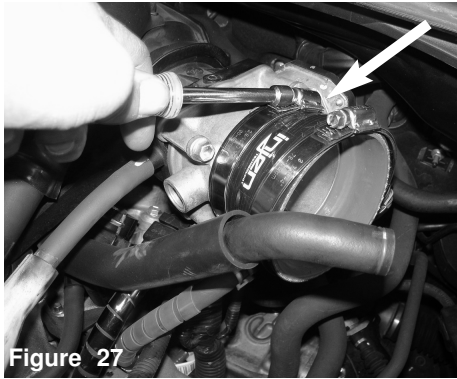


Figure 27
Install the step hose with clamps to the throttle body and tighten on the throttle body only.

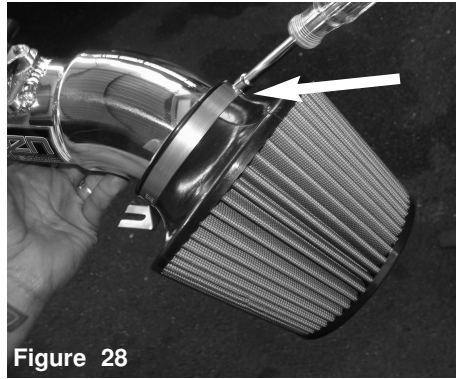


Figure 28
Install the filter to the intake tube and tighten using 8mm nut driver.

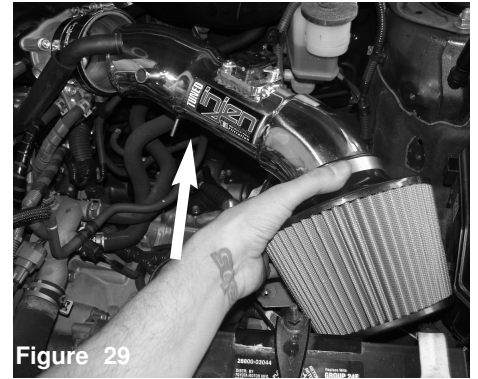


Figure 29
Install the intake tube assembly into the vehicle and position to the throttle body, and position the bracket to the vibra mount.

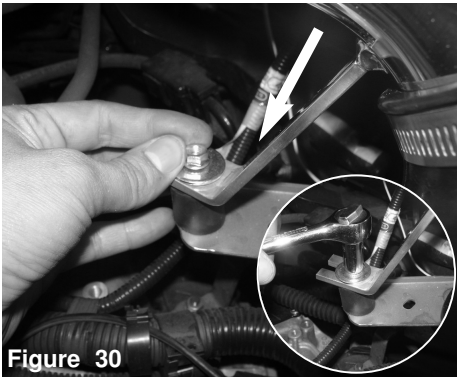


Figure 30
Secure the bracket using provided M6 nut and fender washer. Tighten using 10mm socket and ratchet.

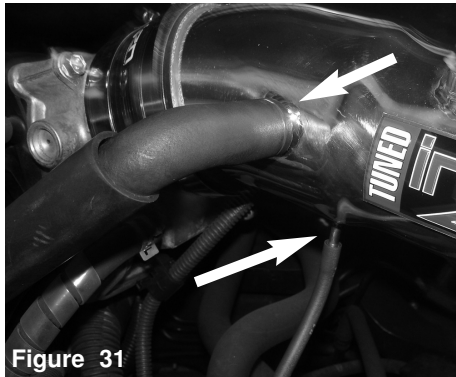


Figure 31
Connect the crank case line to the fitting on intake. Connect the vacuum line from step 12 to the smaller fitting on new injen intake tube.



Figure 32
Tighten the remaining clamp using 8mm nut driver.

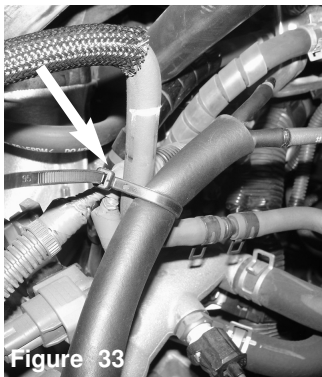


Figure 33
A) Secure the lines using provided zip-tie too keep secured.
B) Connect MAF sensor harness.
Re-install the engine covers and ram air unit. Make sure there is clearance and re-tighten if necessary.

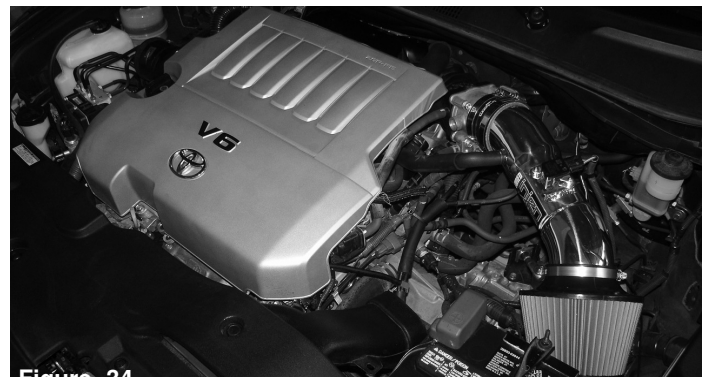


Figure 34
Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. Failure to check the alignment and adjust the intake can cause damage that will void the warranty.

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.