



Tools required:

- 1. 10mm socket
- 1. Ratchet
- 1. 10mm nut driver
- 1. 8mm nut driver



Part number PF7022

- 2004-2006 Chevrolet Colorado 3.5L, L5
- 2004-2006 GMC Canyon 3.5L, L5
- 2006 Hummer H3 3.5L, L5

- 1- MR Tech Power-Flow intake
- 1- 7" inverted top power filter (#1021)
- 1- 3 1/4" x 3 1/2" x 2" long step hose (#3124)
- 1- Diamond Plate heat shield (#11037)
- 3- Composite heat shield bracket (#4010)
- 3- 5/16" flange bolts (#6019)
- 1- 12" -4mm vacuum hose (#3104)
- 1- 5mm vacuum cap (#8004)
- 2- Power-band (.412) .056 (#4005)
- 1- m8 vibra-mount (#6062)
- 1- m8 flange nut (#6017)
- 1- Small washer (#6011)
- 1- Instruction

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

Congratulations! You have just purchased the best engineered, dyno-proven 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 Intake System!"

Optimum performance, Factory safe air/fuel ratio.

Patent Pending



Figure 1

**Hydro-shield
Part# X-1037**



Actual intake and diamond plate heat shield enclosed in this kit.



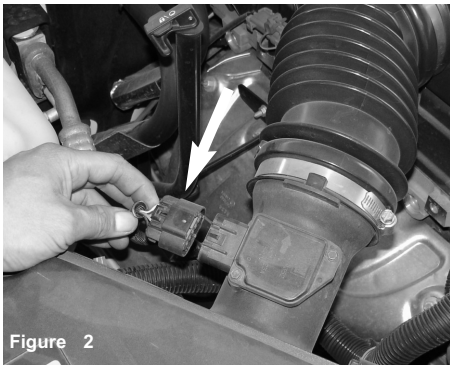


Figure 2
Unclip the mass air flow sensor harness

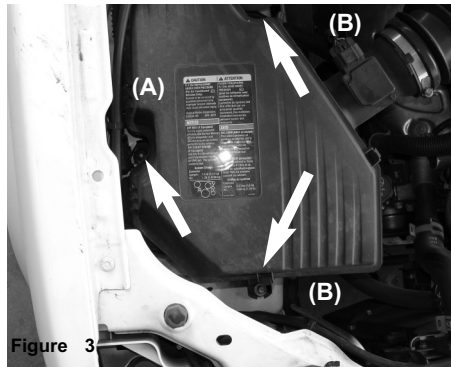


Figure 3
Remove the 10mm nut (A) and the two 10mm bolts (B) from the air box cleaner with a 10mm socket and ratchet.

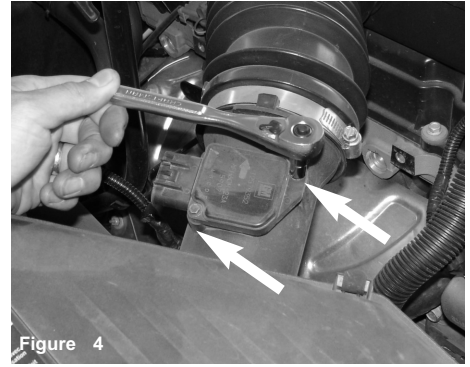


Figure 4
Remove the two 7mm screws that retain the air mass sensor to the sensor housing on the factory air box cleaner with a 7mm socket and ratchet



Figure 5
Once the 7mm screws have been removed, continue to remove the mass air flow sensor from the sensor housing.

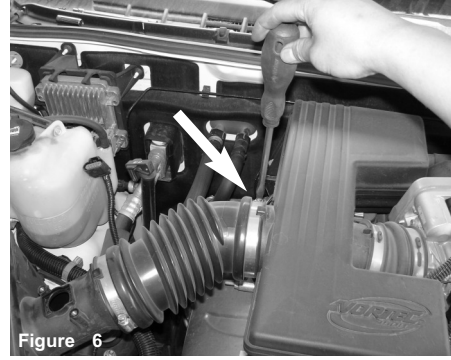


Figure 6
Loosen the clamp on the air duct connecting the air box cleaner to the air box resonator.

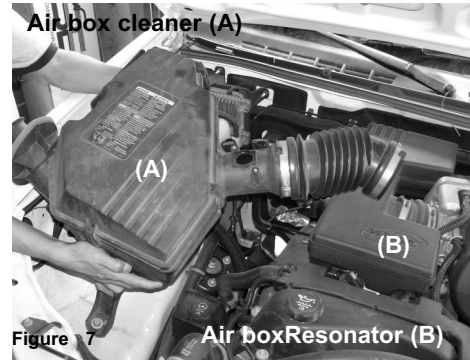


Figure 7
Once the air duct is removed from the air box resonator (Figure B) continue to remove entire air duct and air box cleaner out of the engine bay. (Figure A)



Figure 8
Use a Phillips screwdriver to loosen clamp on resonator box connected to the throttle body.

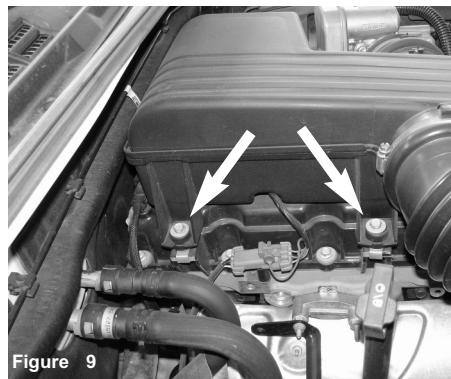


Figure 9
Remove the two 10mm bolts that secure the resonator box to the throttle body



Figure 10
With the clamp loose and the two 10mm bolts, lift the resonator box up and out to expose the crank case breather line under the resonator box in figure 11 also indicated by the arrow.

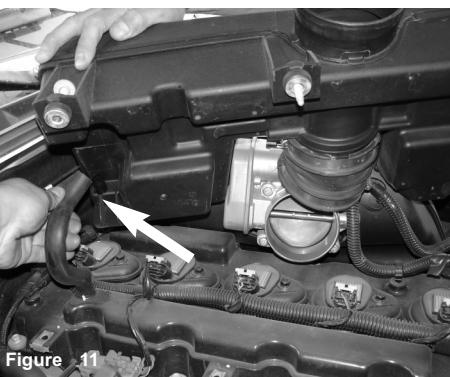


Figure 11
Disconnect the crank case vent hose from the resonator box as the resonator box is removed from the throttle body.



Figure 12
Remove crank case breather line and flip hose ends, connecting the short hose end to the crank case breather as shown in photo.



Figure 13
Place the 3.25" end of the step hose over the throttle body and place two power clamps over the hose, tighten the hose on the throttle body for now.

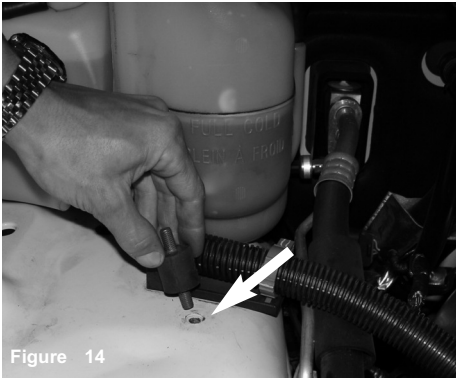


Figure 14

Align the m8 vibra-mount to the pre-tapped hole located on the wheel well.

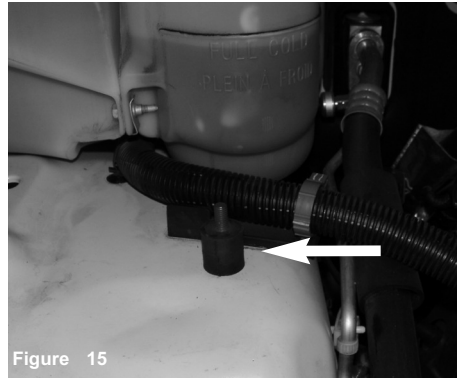


Figure 15

Screwed the vibra-mount into place until the vibra-mount bottoms out.

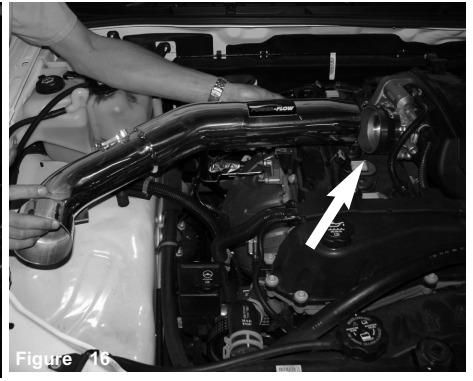


Figure 16

Align and press the intake into the throttle body hose while carefully placing the intake bracket over the vibra-mount.

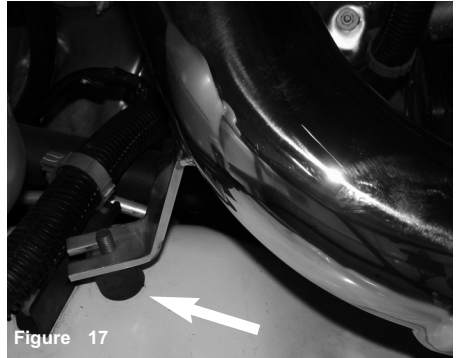


Figure 17

As the upper end of the intake is pressed into the throttle body hose, the intake bracket is aligned to the vibra-mount stud.

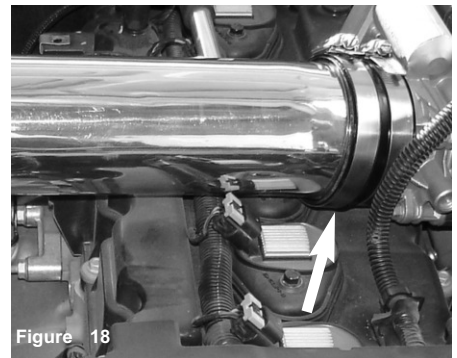


Figure 18

Once the intake bracket has been aligned continue to tighten the power clamp on the intake side.

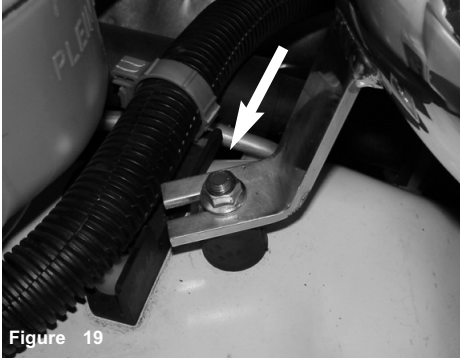


Figure 19

Use the m8 flange nut to secure the intake bracket to the vibra-mount stud.

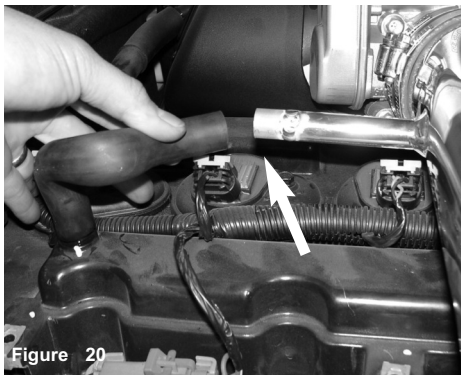


Figure 20

Align the stock crank case vent hose to the 5/8" vacuum port located on the intake tube.

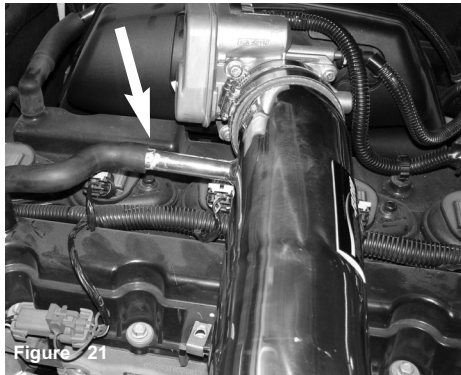


Figure 21

The crank case vent hose is pressed over the long intake vacuum port.

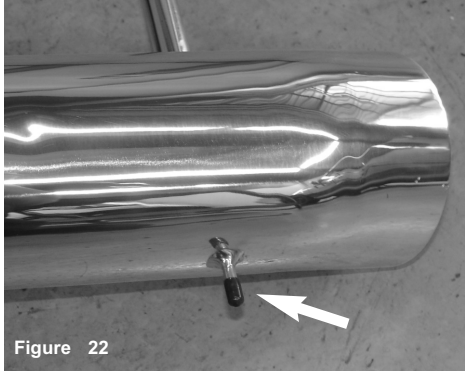


Figure 22

For trucks that are not equipped with a fuel pressure regulators: Press the 4mm vacuum cap over the 3/16" vacuum port as shown above.

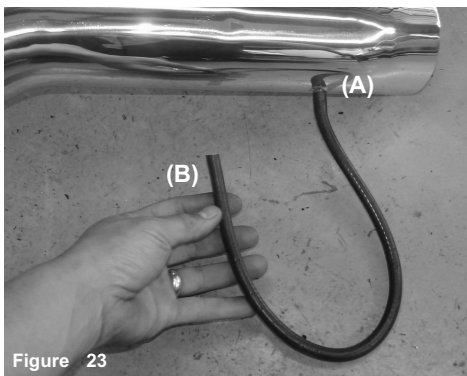


Figure 23

For trucks equipped with a fuel pressure regulators: Press the 12" 4mm vacuum hose over the 3/16" vacuum port(A) Press the other end over the fuel pressure regulator port (B).

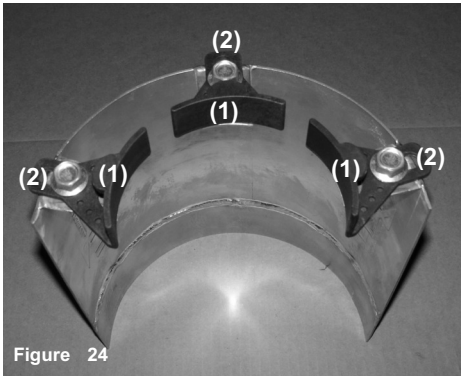


Figure 24

One by one, the composite brackets (1) are lined up to the heat shield tabs and a 5/16" flange bolt (2) is used to secure the brackets in place. The filter clamp is opened and set over the composite brackets.

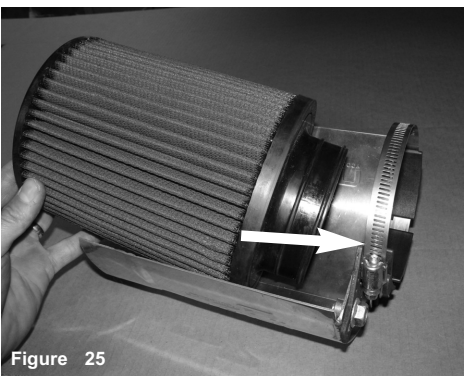


Figure 25

Take the filter and slip it into the metal clamp between the composite brackets.



Figure 26

Adjust the clamp so that it sit between the filter beads located on the filter neck.

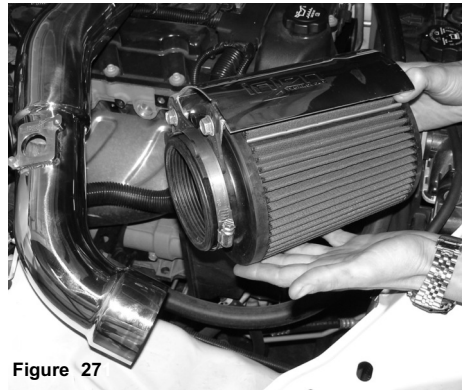


Figure 27

Press the assembled filter and heat shield over the tuned intake end. Press the filter neck over the intake end until it comes to a stop.

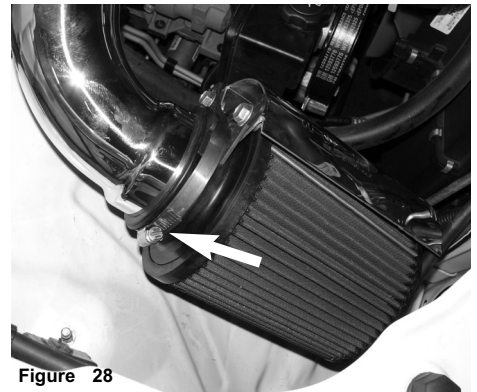


Figure 28

With the filter clamp loose, press the entire filter assembly over the intake end as shown above and tighten the filter neck clamp.



Figure 29

Align and insert the MAFS into the machined sensor adapter.

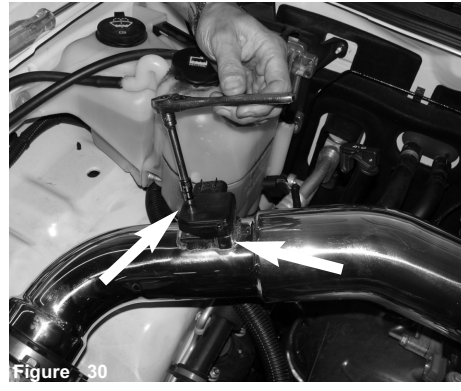


Figure 30

The stock screws are used to secure the MAFS into the CNC machined adapter.

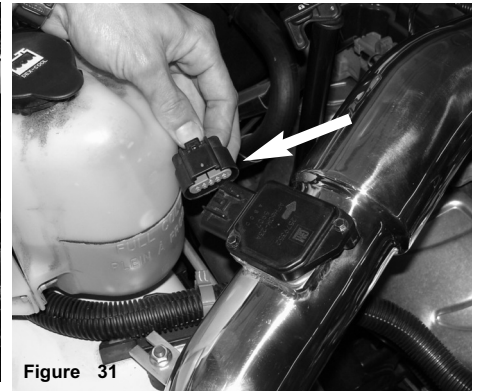


Figure 31

Press the electrical sensor harness over the MAFS as shown above.



Figure 32

Align the entire intake assembly for the best possible fit. Once the intake, filter and heat shield have been adjusted and cleared from any moving parts, continue to tighten all nuts, bolts and clamps.



Figure 33

Periodically, Check the fitment of the intake system. Check all lines, clamps, bolts and filter parts for any possible misalignment. The filter should also be checked and cleaned every 5000 to 7500 miles.

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.