



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

Part number PF7042
2008-2010 Cadillac CTS Sedan
3.6L V6

- 1- 1 pc. cold air intake
- 1- 3-1/2"web/nano dry filter (#1015)
- 1- Engine cover bracket (#20110)**
- 1- Short/Long vibramount (#6020)**
- 1- 3.25" x 3.50" step hose (#3133)
- 2- Power Bands #056 (#4005)
- 1- bracket / m6 insert (#20025)
- 1- M6 vibra-mount Short/Long (#NEW)
- 1- M6 flange nuts (#6002)
- 1- M6 washers (#6010)
- 1- 4 page instruction

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

"injenonline.com"

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!"



Figure 1



Figure 2

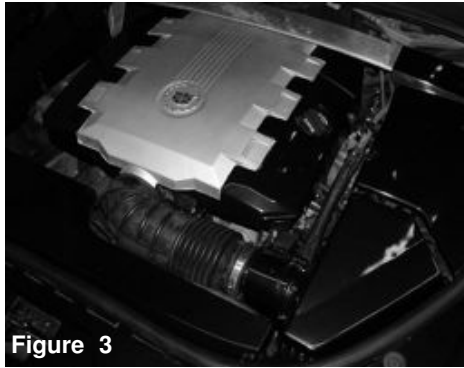


Figure 3

Stock box shown in this picture

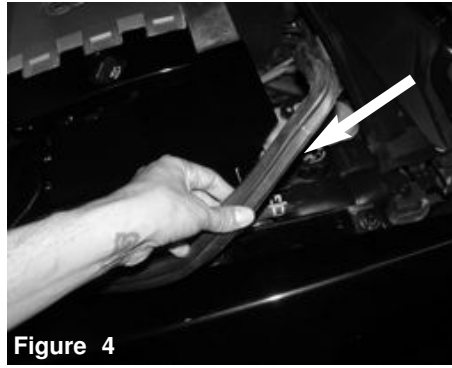


Figure 4

Carefully pull back the engine weather seal from the engine compartment

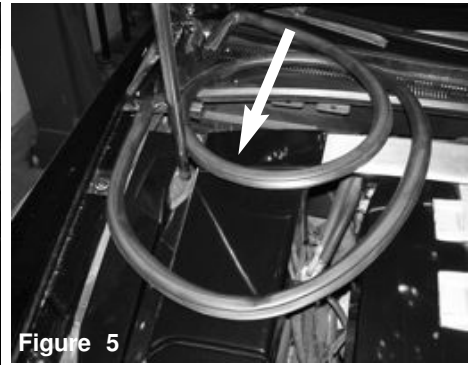


Figure 5

Place the trim on the passenger side of the vehicle.

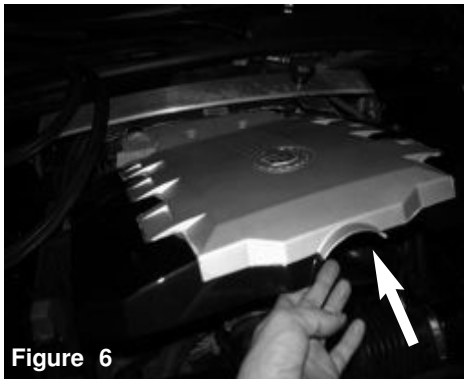


Figure 6

Lift up and remove the engine cover.



Figure 7

Remove the plastic engine/radiator cover.

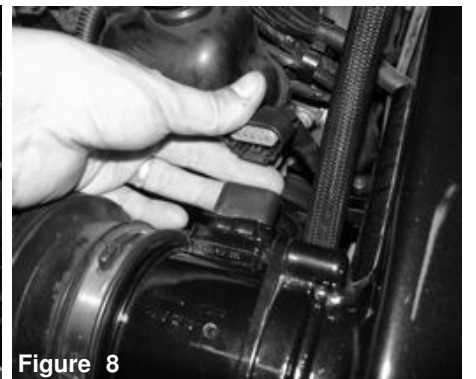


Figure 8

Disconnect the MAF sensor harness.

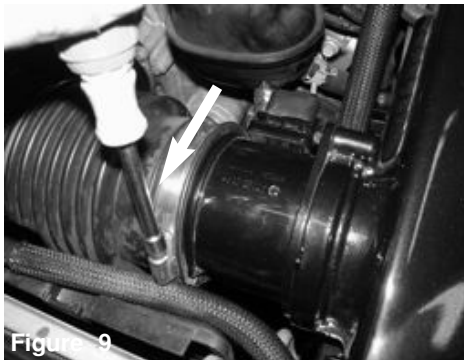


Figure 9

Loosen the stock intake tube on the MAF sensor.

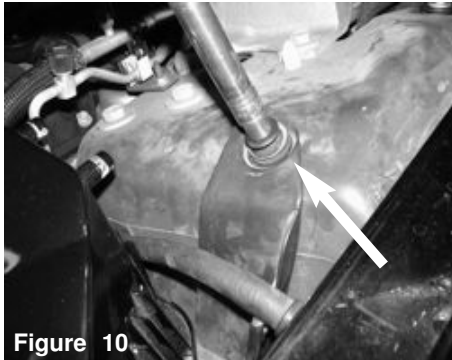


Figure 10

Loosen the bolt holding in the stock air box using 10mm socket.



Figure 11

Pull back the intake tube, lift up and remove the stock intake air box assembly.

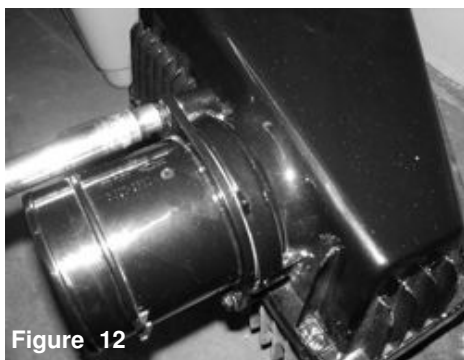


Figure 12

Using 8mm socket, loosen the 2 bolts holding in the MAF sensor.

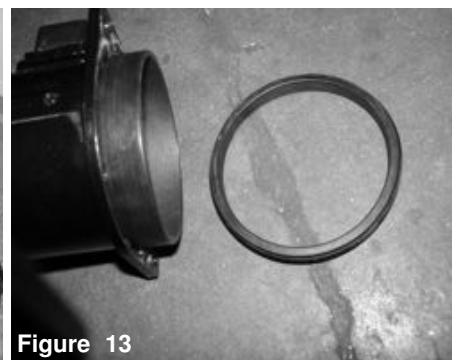


Figure 13

Pull back the MAF sensor housing. Remove the rubber gasket.

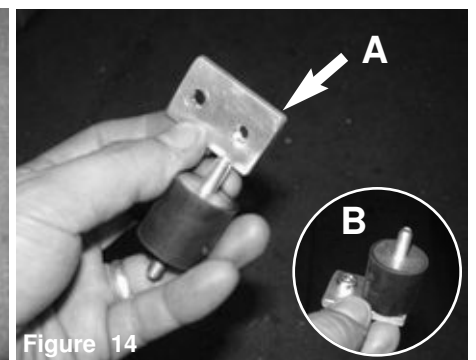


Figure 14

A) Attach the short stud of the vibra mount to the threaded side of the insert. Secure and tighten the vibra mount. B) place provided M6 button screw to the other side of the hole.

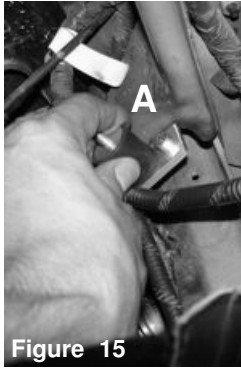


Figure 15

- A) Place the bracket to the threaded insert on the vehicle frame.
B) Tighten the bracket using 6mm allen key.

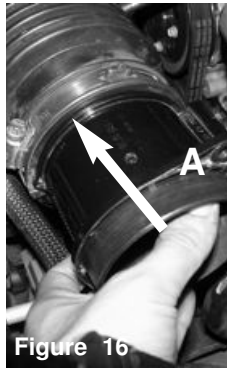
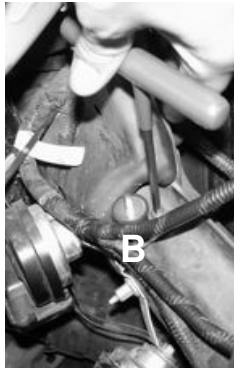


Figure 16

- A) Re-install the MAF sensor. Tighten using 8mm nut driver
B) Attach the step hose to the MAF sensor with clamps provided.

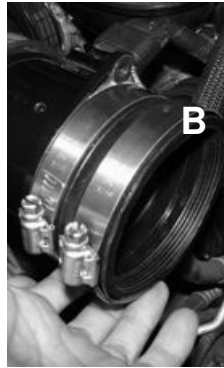


Figure 17

Place the driver side of the vehicle on a jack and remove the wheel. **Note: make sure the vehicle is safe and secured.**



Figure 18

Remove the plastic push-clips holding the splash guard.



Figure 19

Pull back the splash guard allowing for install of the air filter.



Figure 20

Install the intake tube and position to the MAF sensor and the bracket to the vibra mount.

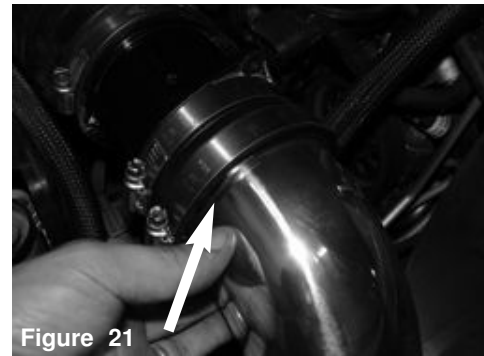
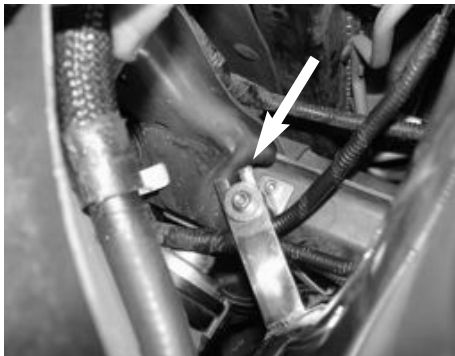


Figure 21

Tighten all the clamps on the MAF sensor, position for the best fit.



Secure the bracket using provided washer and nut, tighten using 10mm socket and ratchet.



Figure 23

Install the air filter to the intake tube.

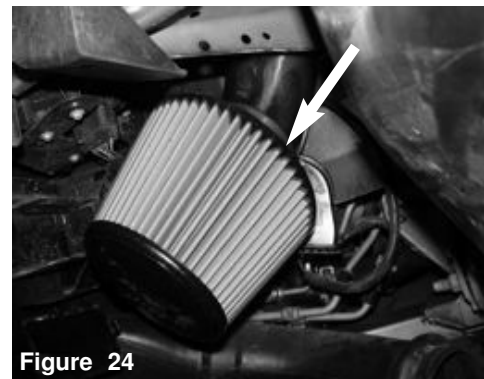


Figure 24

Secure and tighten using 8mm nut driver.



Figure 25

Place the engine cover bracket to the threaded hole on the strut tower.

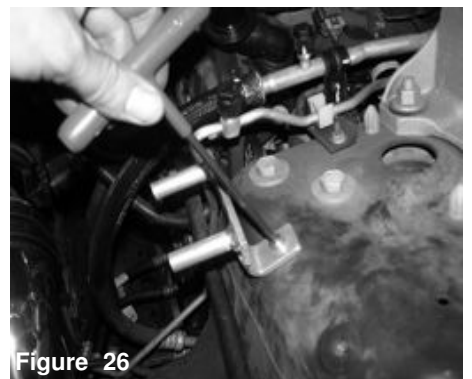


Figure 26

Position and tighten using provided button screw.



Figure 27

Install the cover and position.

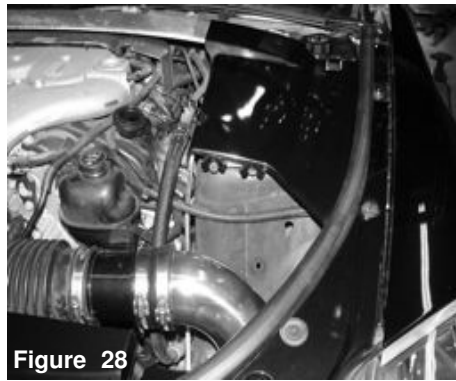


Figure 28

Re-install all the covers and position. Re-install wheel and secure.

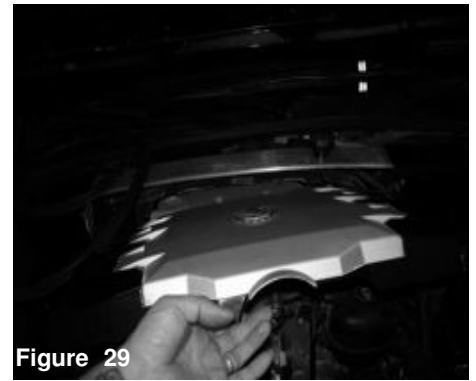


Figure 29

Install the engine cover.



Figure 30

Make sure everything is tighten. Position for best possible fit.



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. 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.