Buy products from authorized and licensed manufacturers using any of our patented processes, beware of cheap knock-offs, look for our licensing logo.

MR Technology Step down process:

1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. 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 Air Filter Horns patent pending

Injen is the first and only intake manufacturer that tunes and controls air/fuel ratios, short/long term fuel trim levels using the MR step down process, Air Fusion and built-in air intake horns.

Part number PF7040
2008-2009 Pontiac G8 V8 6.0L

1- 3.5" 2pc intake system equipped with MR Tech	
1- 4" Super-Flowdry filter	**(#1026)**
2- 4" straight hose	(#3129)
1- 3-3/4" straight hose	(#3136)
4- Power clamps 064	(#4006)
2- Power clamps 056	(#4005)
1- 16.5"- 8mm vacuum hose	(#3091)
1- m6 vibra mount	(#6020))
1- fender washer	(#6010)
1- m6 nut	(#6002)

The C.A.R.B Exempt sticker must be attached under the hood in a place where it is easily visible to an emissions inspector.

Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available.

Please check the contents of this box immediately.

Please check the contents of this box immediately.

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" Patented

This intake system is equipped with the first ever Air Intake Horns Patent pending

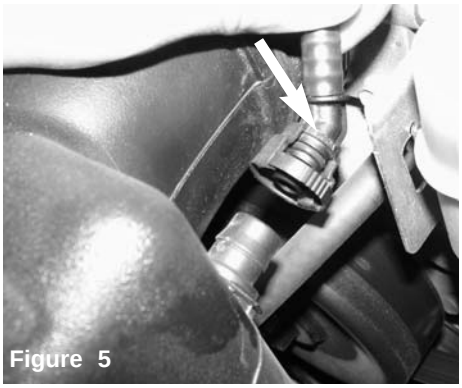
"At Injen Technology, we didn't copy the step down process, we invented it!"

Figure 1

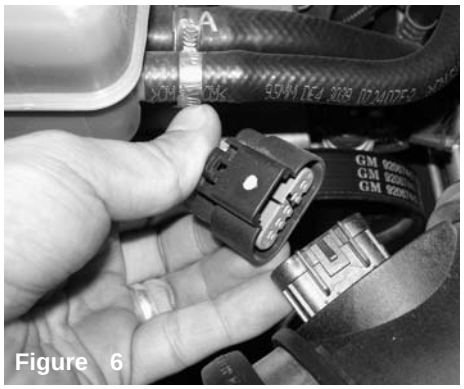
Figure 2

Stock air intake cleaner and air ducts shown in this picture. Before getting started with the installation, disconnect the negative battery terminal.

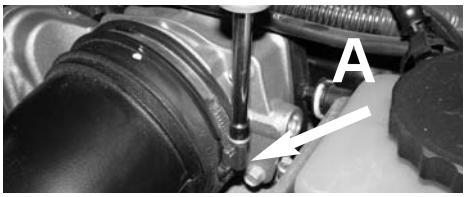
Pull the engine cover out from the stand-offs and remove the engine cover from the engine compartment.

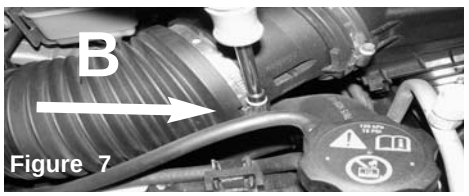


Disconnect the crank case line from the air box. Remove from the engine also.

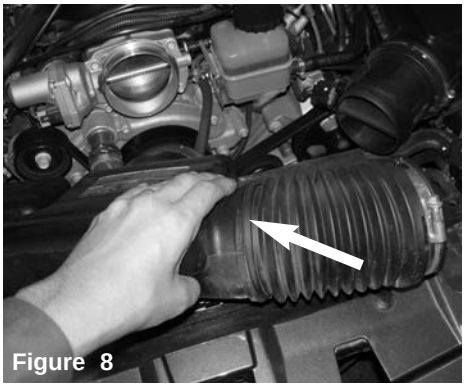


Disconnect the MAF sensor harness.

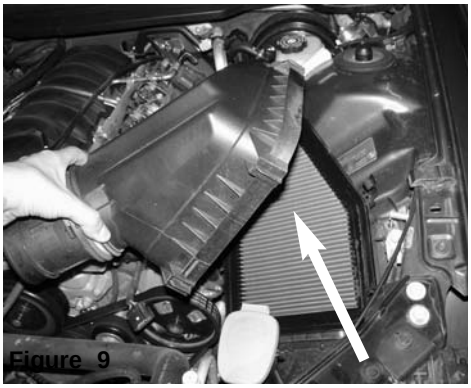




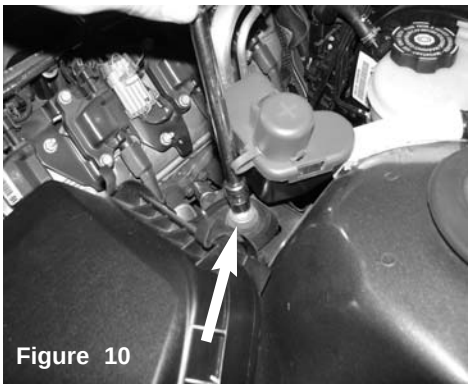
A) Loosen the clamps on throttle body using 7mm nut driver.
B) Loosen the clamp on MAF sensor.



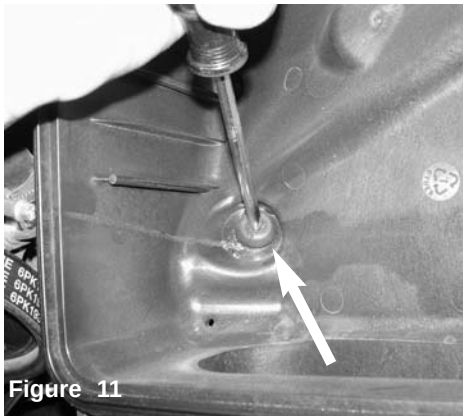
Remove the stock intake tube from vehicle.



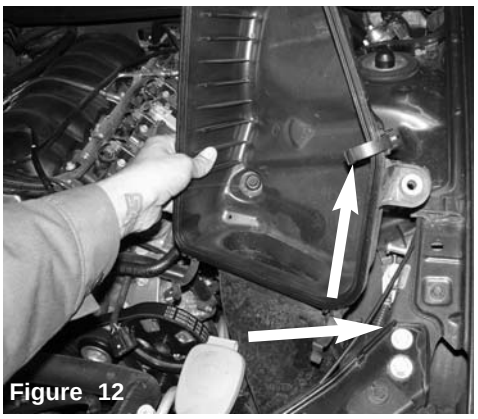
Un-clip the upper half of air box and remove.



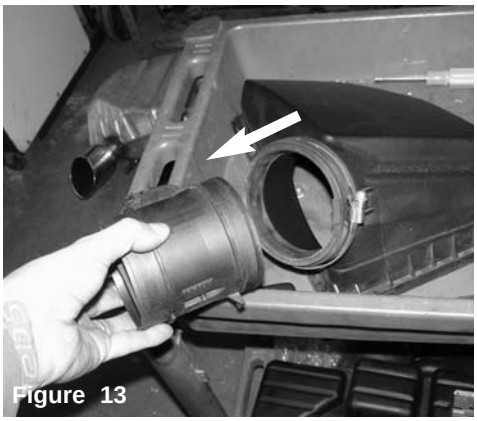
Loosen the 2 M6 nuts using 10mm socket and ratchet holding in the bottom half of air box.



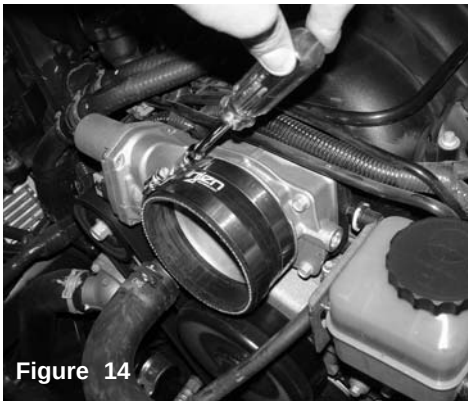
With t30 torx bit and loosen the bolt holding in bottom half of air box.



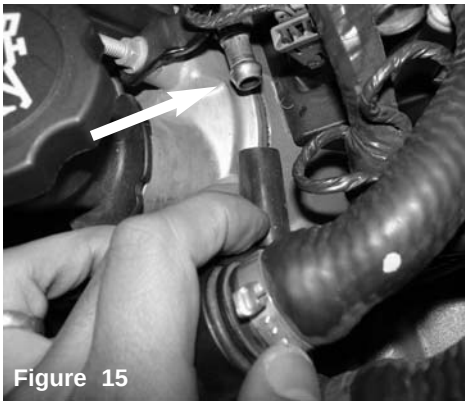
Lifft up and remove the bottom half of air box.



Loosen the clamp on the MAF sensor using 7mm nut driver and remove the MAF sensor from air box.

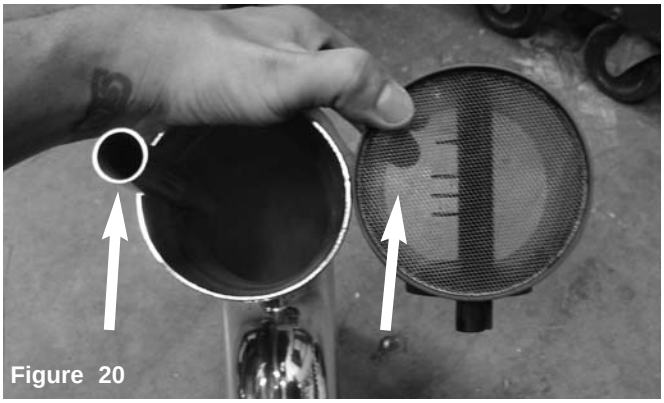


Attach the 4” straight hose with clamps provided to throttle body and tighten using 8mm nut driver.

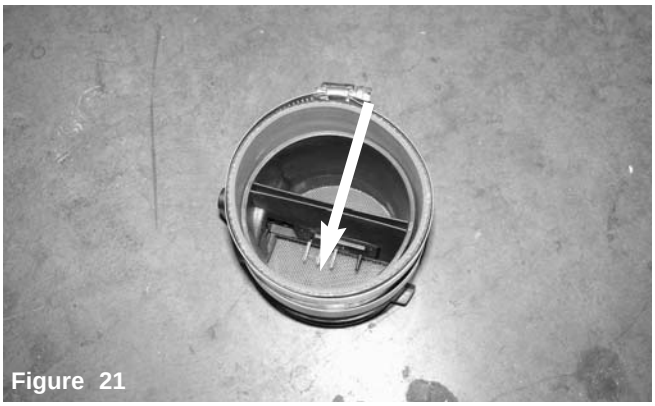


Install the provided 8mm hose to the engine side and secure.

Attach the 3-3/4” straight hose to the MAF sensor side. Make sure arrow is pointing at the hose.

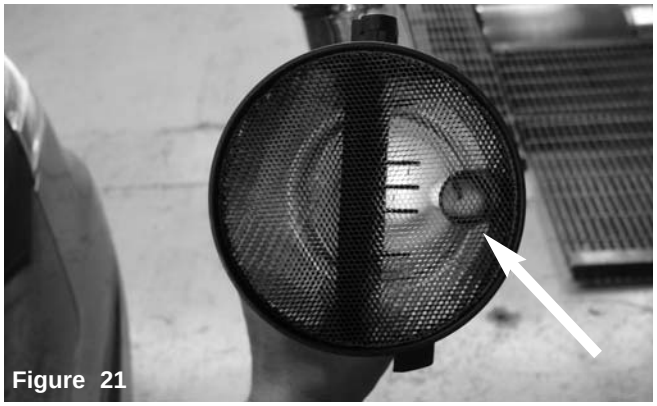


When installing the MAF sensor, position the MAF sensor next to the intake tube with Air fusion sticking out of tube. This will give you an idea where the Air fusion will be installed into the MAF sensor.

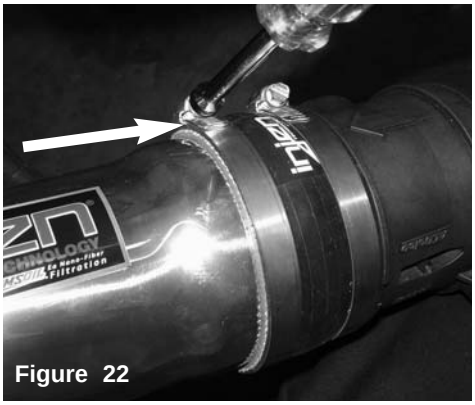


Attach the clamps provided to hose. Position MAF sensor to upside down on floor. Make sure the side with sensor elements is towards you.

Install the tube with Air Fusion into MAF sensor. ***Caution: Make sure that the tube does not hit any of the sensor elements.***

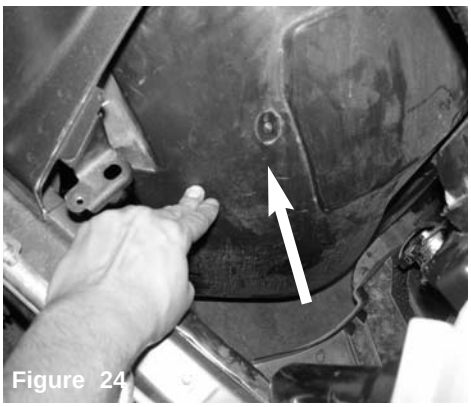


When installed correctly, Air fusion should look like image above. ***Make sure Air Fusion is in the center of the sensor elements side.***

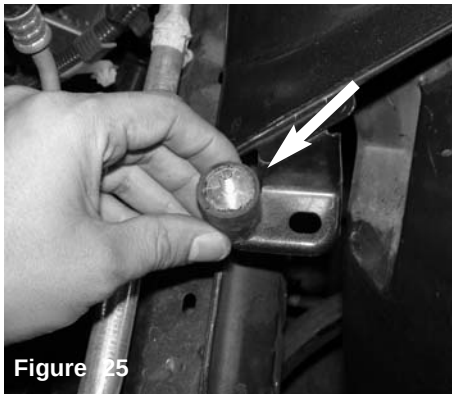


Tighten all clamps using 8mm nut driver.

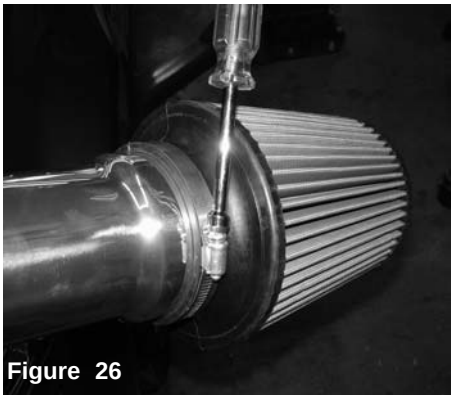
Remove the 3 push clips from driver side splash guard.



Push back the splash guard allowing for the lower intake assembly install.



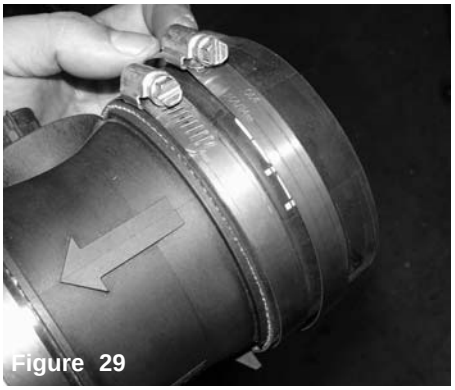
Install the vibra mount to the thredded fitting near frame of vehicle.



Attach air filter to lower intake assembly and tighten using 8mm nut driver.

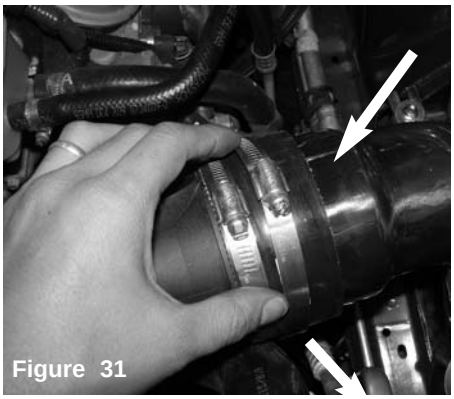
Install lower intake assembly into vehicle and position bracket to vibra mount.

Secure the bracket using provided M6 washer and nut.

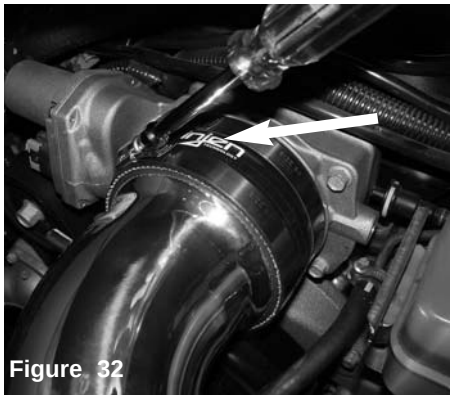


Attach the 4" straight hose w/ clamps provded and attach to the MAF sensor.

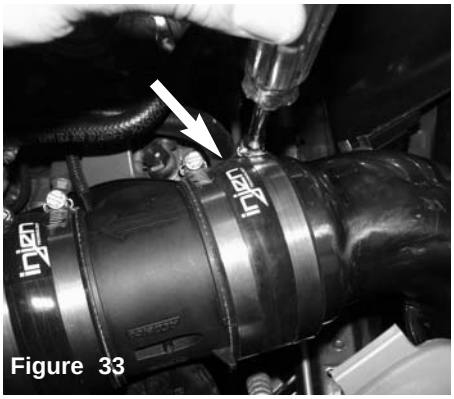
Install the upper intake assembly to the vehicle and position to the throttle body and lower intake assembly.



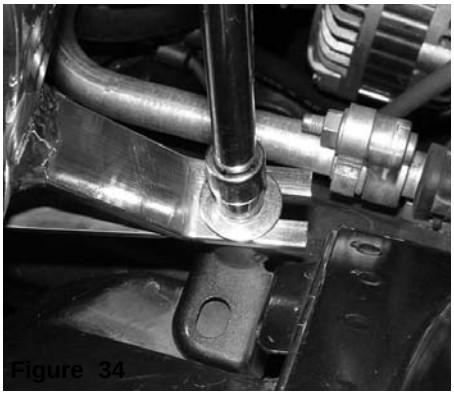
Slide the straight hose onto the lower intake assembly and positon for best fit. ***Note: Re-install the splash guard at this time for best possible fit.***



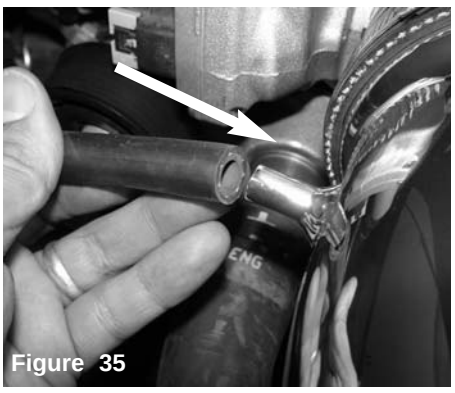
Position intake and tighten clamp on throttle body using 8mm nut driver.



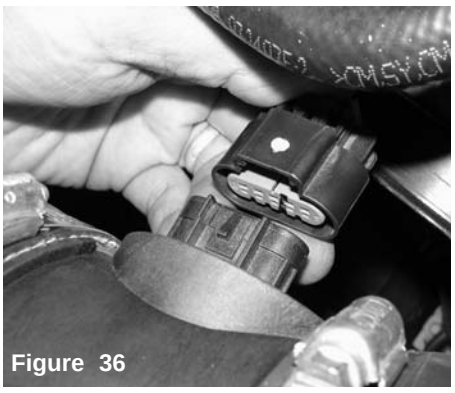
Postion intake on MAF sensor for best fit and tighten using 8mm nut driver.



Secure bracket using 10mm socket and ratchet.



Attach the 8mm hose to the fitting on intake tube.



Re-connect MAF sensor.

Your cold air intake system is now complete, make sure everything is secured and tighten. Re-adjust if necessary.

In Extreme weather conditions, you can run the filter mounted to MAF sensor temporally. ***Short ram installed shown above.***

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.

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.