



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 SP7029
2011-13 Chevrolet CRUZE
1.4L (turbo) 4cyl.

- 1- 2 pc. cold air intake equipped with **MR Tech and Air Fusion**
- 1- 2.75" web/nano dry filter (#1010)
- 1- 2.75" straight hose (#3043)
- 1- 2.25" straight hose (#3035)
- 2- Power Bands #040 (#4003)
- 2- Power Bands #032 (#4008)
- 2- M4 button head screw (#6047)
- 1- M6 vibra-mount (#6020)
- 2- M6 flange nuts (#6002)
- 2- M6 washers (#6010)
- 1- Vinyl trim @ 18" long (#6023)
- 2- Zip tie, black (#8014)
- 1- 8mm hose @ 3"Long (#3091)
- 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

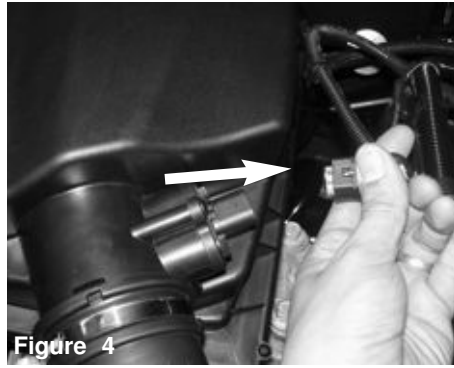


Figure 4
Disconnect MAF sensor harness.

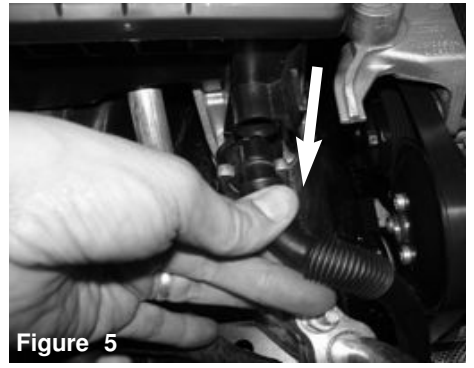


Figure 5
Pull back drain plug from the bottom of the air box.

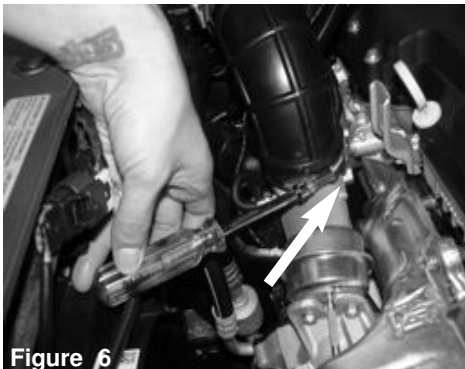


Figure 6
Loosen the clamp on the turbo using 7mm nut driver.



Figure 7
Pull back the front grommet from the bottom of the air box.

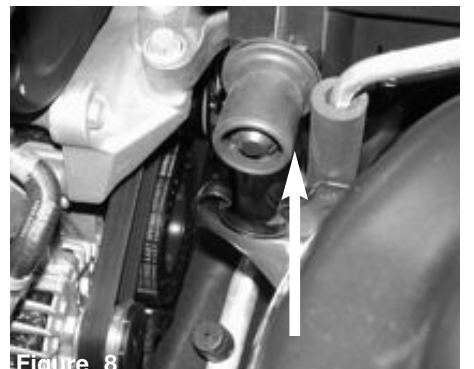


Figure 8
Pull back the second grommet on the back of the air box.

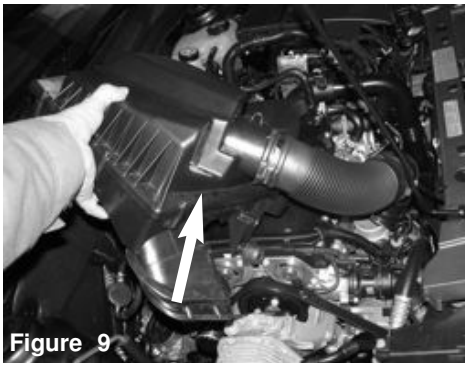


Figure 9
Lift up stock intake and remove from vehicle.



Figure 10
Carefully remove the bumper cover, this requires 2 10mm bolts on top, push-clips, and t-25 screws located on the bottom of the vehicle. This is required for the cold air installation.



Figure 11
Remove the air box snorkel guard from the vehicle.



Figure 12
Loosen the bolt holding in the air box snorkel using 10mm socket and extension.

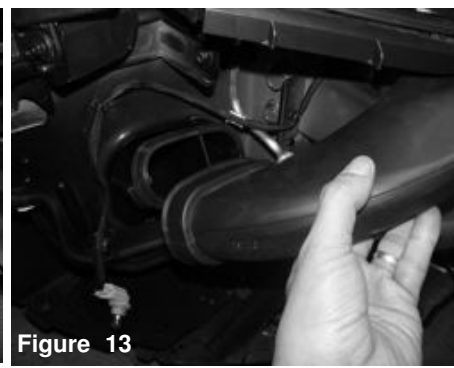


Figure 13
Pull back the air box snorkel from the resonator.

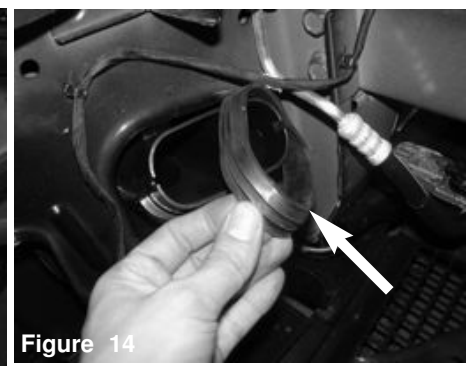


Figure 14
Remove the gasket from the resonator.

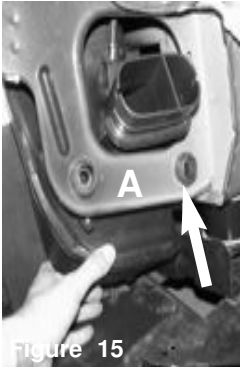
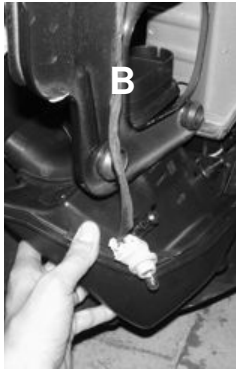


Figure 15



A) Push back resonator from grommets on frame
 B) Roll back resonator into the splash guard to remove.
Note: some force may be required to remove.

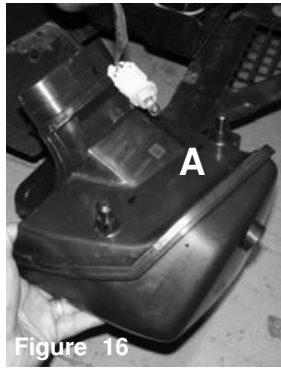
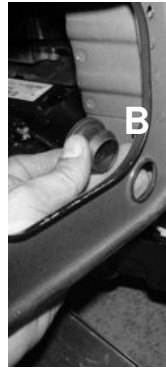


Figure 16



A) Remove the resonator from vehicle.
 B) Remove the 3 grommets from the vehicle that hold in the resonator box.



Figure 17

Remove the 2 clips holding in the plastic auxiliary inlet.



Figure 18

Remove out of vehicle.

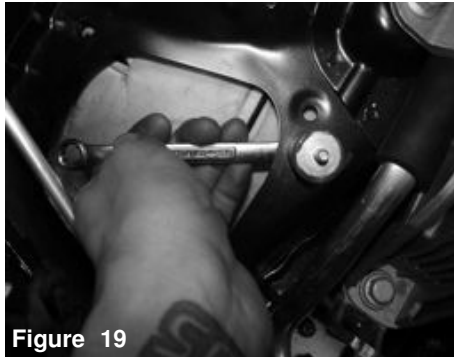


Figure 19

Attach the vibra mount to the hole used to hold in auxiliary inlet. Secure using provided nut and washer and tighten using 10mm wrench.

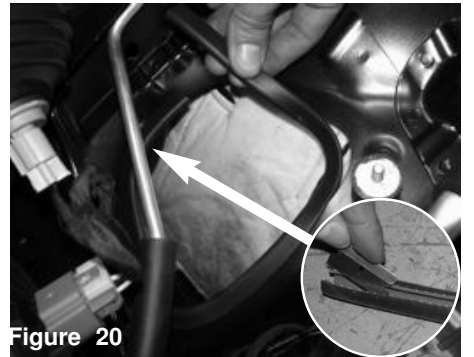


Figure 20

A) Attach the vinyl trim to the cut out to prevent the tube from vibration on frame. B) Cut provided 8mm hose with a blade down the center and install to the A/C line to prevent any touching between the intake tube and A/C line.

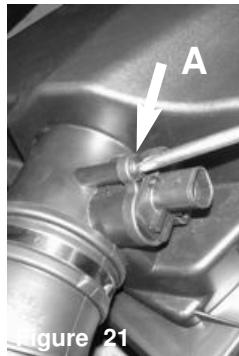
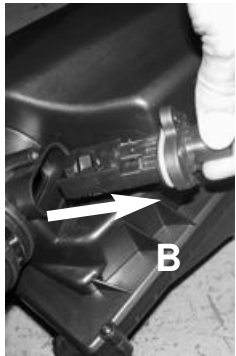


Figure 21



A) Loosen the MAF sensor using phillips screwdriver.
 B) Remove the MAF sensor



Figure 22



A) Install the MAF sensor into the new intake tube.
 B) Secure and tighten using provided M4 button head screws.

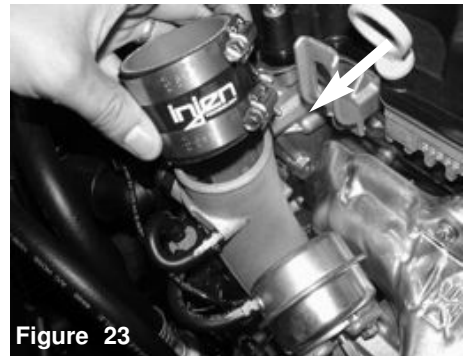


Figure 23

Attach and install the step hose to the turbo with clamps provided and tighten on the turbo side only.



Figure 24

Place the filter in the resonator position next to the frame.



Figure 25

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

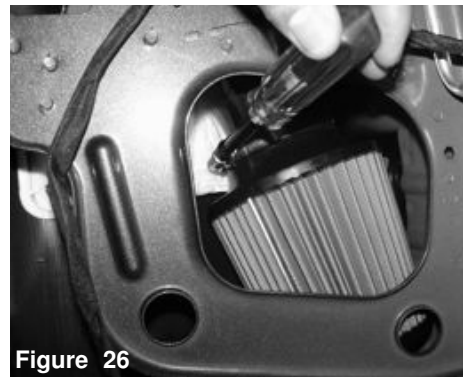


Figure 26

Tighten the filter and secure on the intake tube using 8mm nut driver.

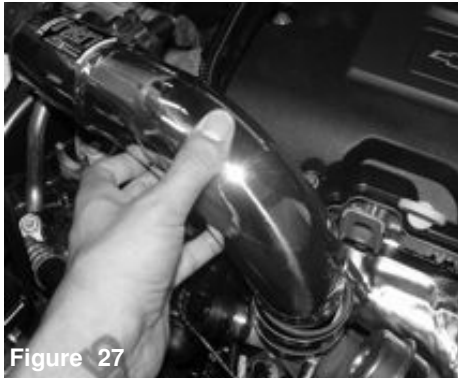


Figure 27

Install the upper intake tube assembly with straight hose and clamps provided and connect the 2 tubes together.

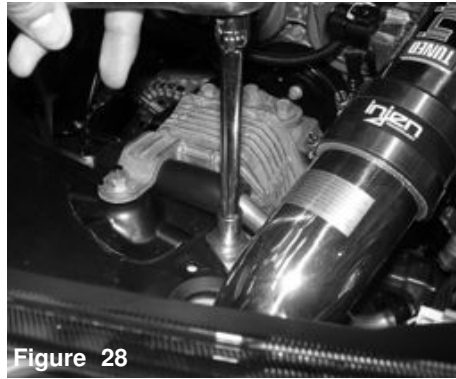


Figure 28

Position the intake for the best fit and tighten the vibra mount using the remaining washer and nut and tighten using 10mm socket or wrench.



Figure 29

Position the intake for the best fit and tighten all clamps on intake using 8mm nut driver



Figure 30

Re-connect the MAF sensor harness.



Figure 31

If you want, you can remove the drain plug from the vehicle's frame. This will not plug into the new intake system.



Figure 32

Re-install the air box snorkel and secure the bottom end of snorkel with provided zip ties to prevent from moving.

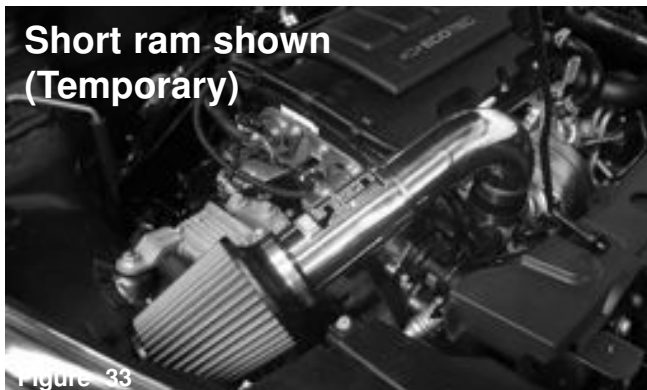


Figure 33

Re-install the bumper cover. Make sure everything is tighten. Position for best possible fit. For Short ram, remove the lower intake assembly and attach the filter to the upper intake tube assembly and secure. **Note: Short ram is temporary or for Extreme Weather conditions only, vehicles Max Performance will perform in Cold air configuration only. Vehicle in Short ram only may cause for a change in fuel trims, resulting in possible Check Engine Light.**

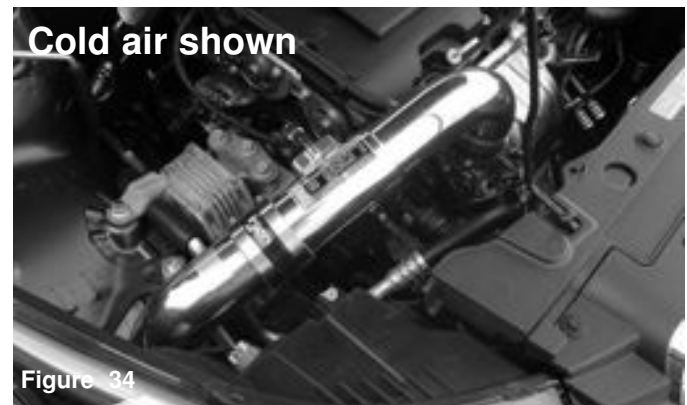


Figure 34

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. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

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.