***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. Patent#7,669,571

3- Calibration Device for Air Intake Tracts having Air Fusion Patent#7,721,699

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 SP1995
2010-2012 Nissan GTR 3.8L V6
twin turbo

Short Ram equipped with MR Tech and Air Fusion

1- Driver side primaryair intake
1- Passenger side primaryair intake
2- 3" High flow dry webb/nano fiber air filters (#1017)
2- 2 1/2" x 2 3/4" step hose (#3116)
2- Power Bands #036 (#4008)
2- Power Bands #040 (#4003)
2- m6 vibra mounts (#6020)
4- m6 flange nuts (#6002)
4- fender washers (#6010)
1- 5 page instruction

Upper intercooler pipes

1- Driver side intercooler pipe
1- Passenger side intercooler pipe
2- 2-3/4" hump hose (#3193)
2- 2-3/8x2.5" straight hose (#3041)
8- #40 clamps (#4003)

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 244 Pioneer Place Pomona, CA 91768 USA

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.

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.

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

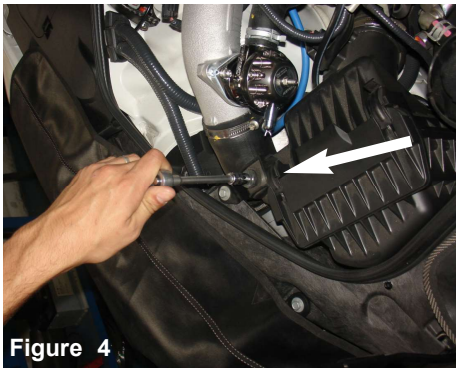
"Why settle for cheap imitations when you can have the original"

Note: Testing on Dynomometers will take 7 to 8 pulls before seeing significant horsepower gains. If you are conducting dyno testing, you should know that the ECU will store fuel trim and timing calibration of the Injen intakes. Before testing alternative intakes, return car to stock base lines for accuracy. **Important:** Do not disconnect any battery terminals while testing! For best results, Injen recommends testing be done on a one to one basis, stock vs. Injen Cold Air Intakes. If you have modified your vehicle in anyway, you will not see significant horsepower gains on top of any modifications.

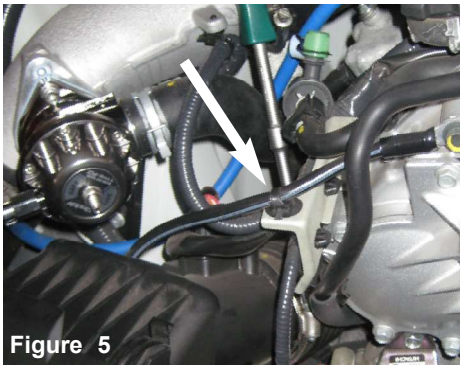
Figure 1

Figure 2

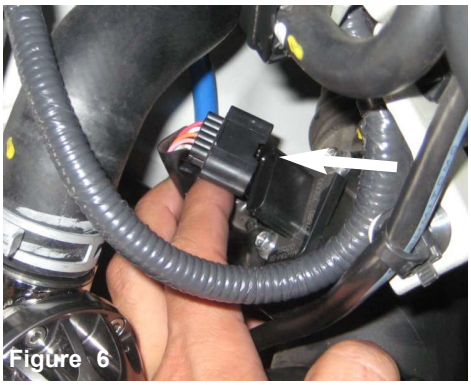
Complete stock intake system, Disconnect battery. Remove both sides of stock intakes. Passenger side shown, both are exaxtly the same when removing.



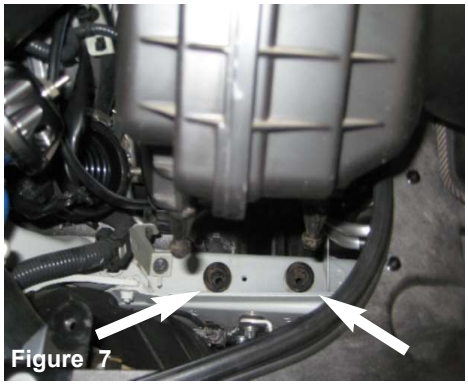
With 10mm socket and ratchet, loosen the bolt holding in the air box.



Using a 8mm nut driver, loosen the clamp on the air box. Pull back the intake hose away from the air box.



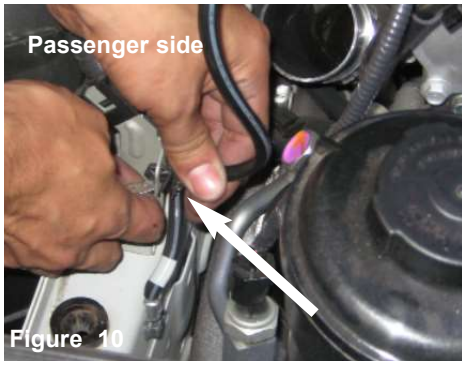
Disconnect MAF sensor.



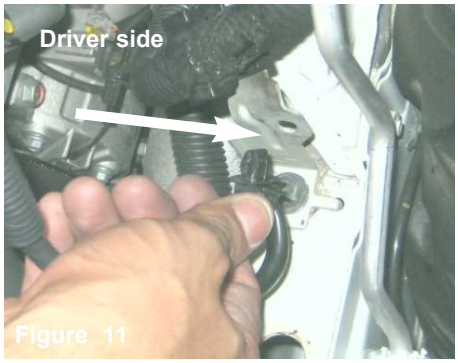
Carefully lift the air box allowing the 2 fitting's on the air box to pull out from the frame of vehicle.

Carefully lift and pull out the air box.

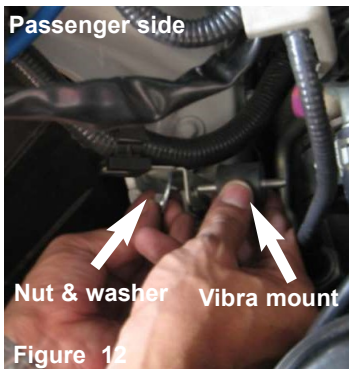
With 8mm nut driver or flat headscrewdriver, loosen the clamp holding in the stock intake tube on the turbo and remove.

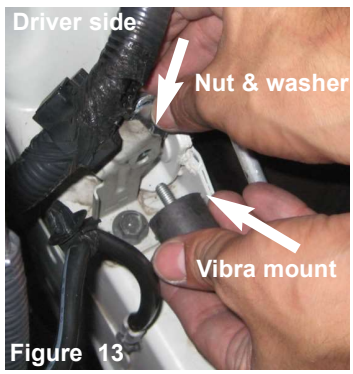


Pull back the engine ground fitting from the bracket located on the passenger side frame of vehicle. This will allow for the installation for the vibra mount.



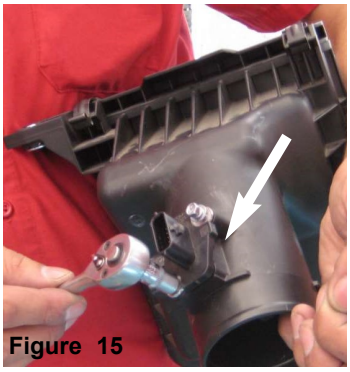
Pull back the engine ground fitting from the bracket located on the driver side frame of vehicle. This will allow for the installation for the vibra mount.

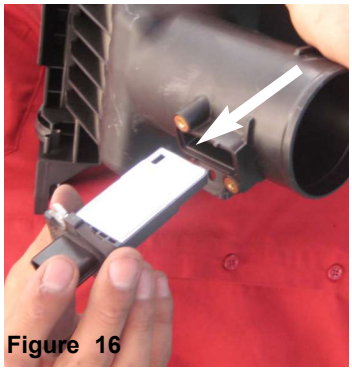




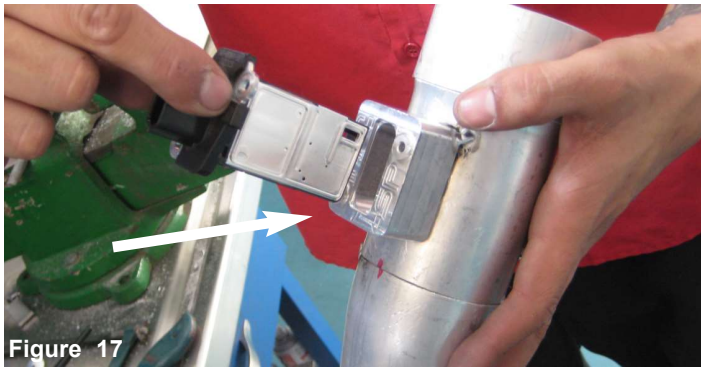
Install the vibra mounts to the brackets and secure. See above images for passenger and driver side.

On both sides of the vehicle, install the step hose to turbo with the clamps provided. Position the clamps allowing for easier access. Tighten the clamp on the turbo only.

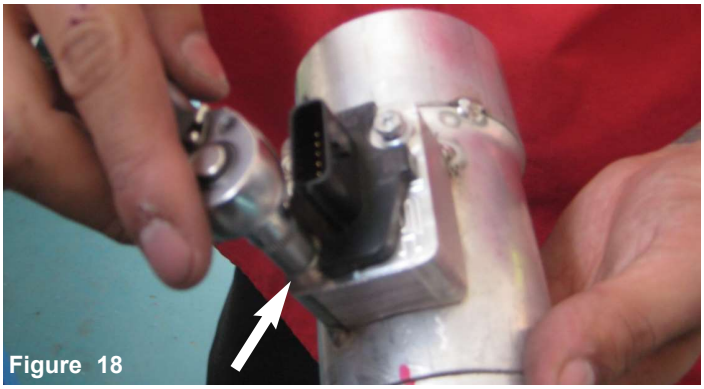




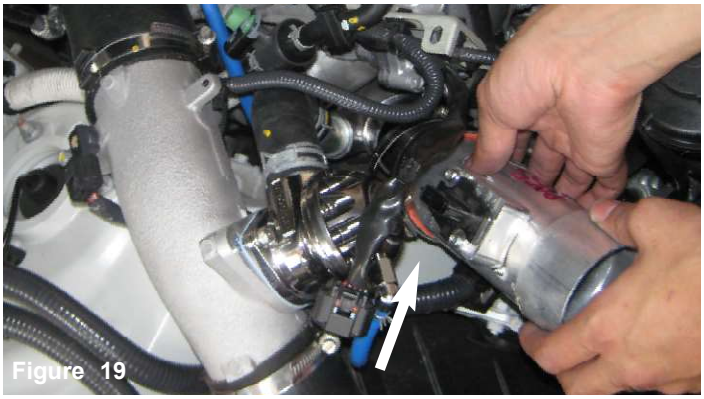
Remove both MAF sensors from air box's using 7mm socket and save screws. ***NOTE: Make sure you keep the passenger side MAF and the driver side MAF separate. Do not switch.***



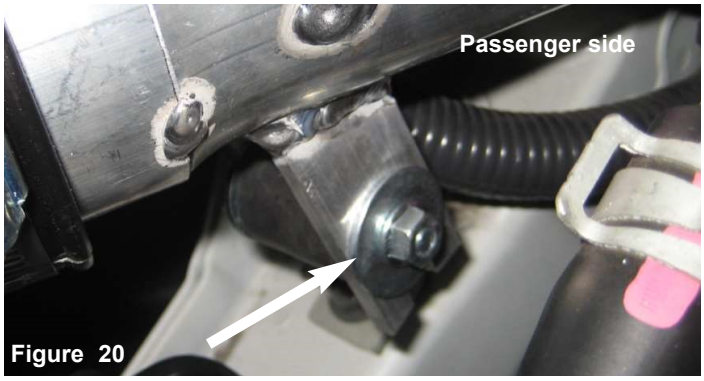
Install the MAF sensors into the correct sideof intake tubes. ***NOTE: the driver side tube is longer, passenger tube is shorter.***



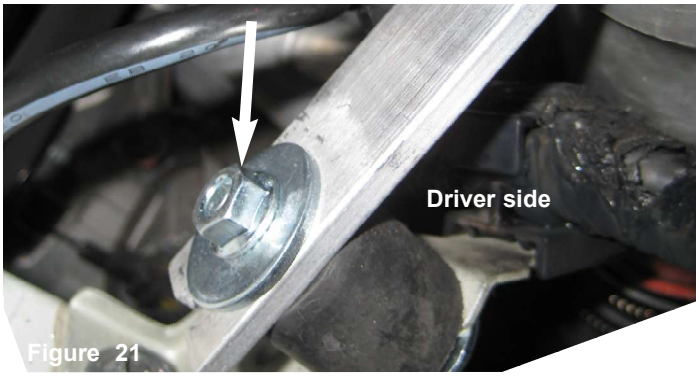
Secure the MAF sensors using the factory screws. Secure and tighten using 7mm socket and ratchet.



Install both sides of the intakes into the vehicle and position the tube to the hose, and the brackets to the vibra mounts. Do not tighten.



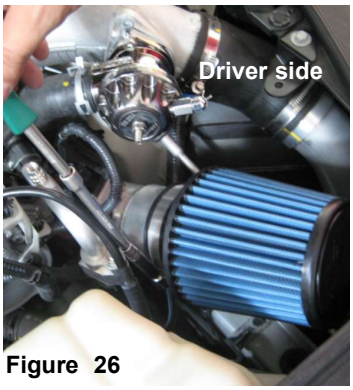
Secure the passenger side tube bracket using provided m6 nut and washer.



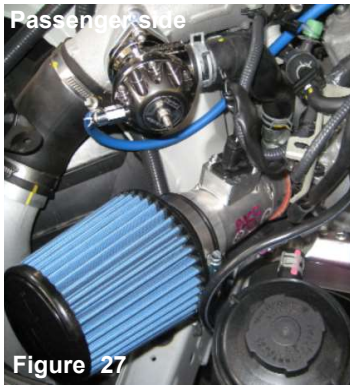
Secure the driver side bracket using provided m6 nut and washer.

Position both sides for best fit. Tighten the brackets using 10mm socket and ratchet.

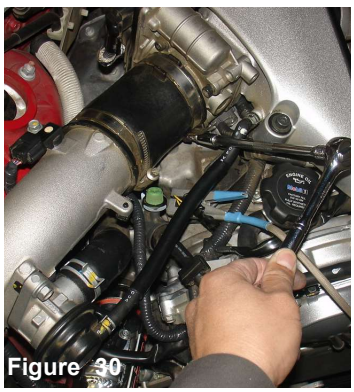
Connect both MAF sensors.



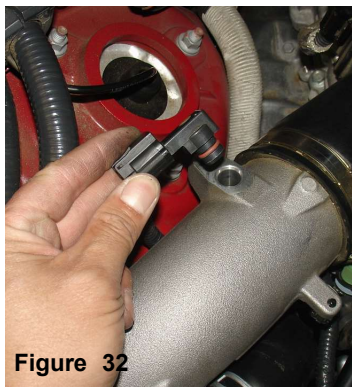
Install filters and secure using 8mm nut driver. Tighten all remaining clamps.



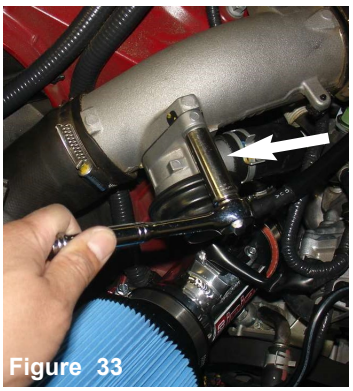
Align the intakes for best possible fit. Once you have aligned and made sure that the length of the intakes are free from any moving parts, continue to tighten all nuts, bolts and clamps.

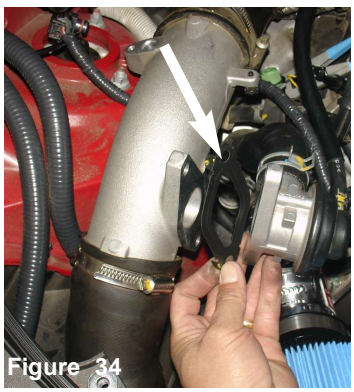


Installation of the upper intercooler pipes, Note: installation is the same for both sides, photos are of passenger side only.
Loosen the clamps on both sides of intercooler pipes using 8mm nut driver or socket with ratchet.



Loosen the screw holding in the temperature sensor, save screw for later install. Pull out the temperature sensor.





Loosen the 2 bolts holding in the blow off valve using 12mm socket or wrench, pull back and save the factory gasket.

Now carefully pull back the sensor harness line, and remove the factory upper intercooler pipe. Install the2-3/8” hose to the factory intercooler pipe.

Attach the 2-3/4” hump hose to the new intercooler pipe, intall the intercooler pipe and slide the hump hose on to the throttle body with clamps provided.

Position for the best possible fit and tighten all the clamps on the intercooler pipes.


Figure 40

Re-install the blow off valve to the new intercooler pipes. Re-use the factory gasket and bolts. Secure and tighten using 12mm socket and ratchet.

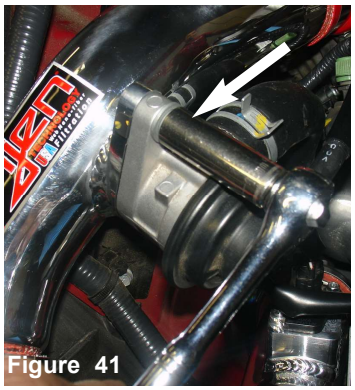


Figure 41

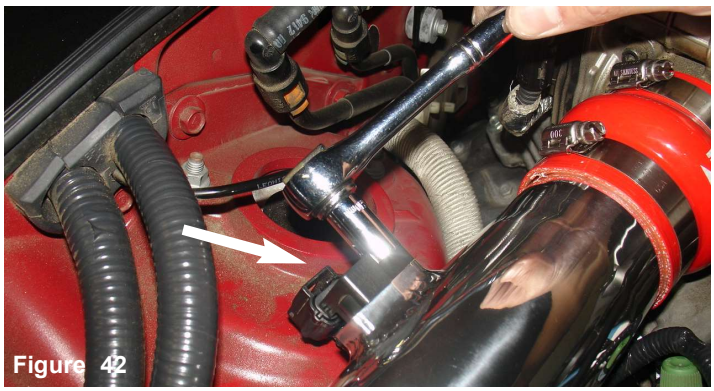


Figure 42

Re-install the temperature sensor and secure using the factory screw. Tighten using 10mm socket and ratchet. ***Now install the driver side intercooler pipe and repeat the steps.***


Figure 43

Congratulations! You have just completed the installation of the best cold air intake consisting of the patented MR Technology and now patent pending Air Fusion. Periodically, check the fitment of the intake for possible shifting that may occur over time or driving conditions.

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 mainentance 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.