



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. Patented
- 3- Calibration Method and Device for Air Intake Tracts having Air Fusion Patented
- 4- Tuning Method and Device for intake tracts having built-in Air Filter Horns patent pending

**Part number SP1948**

**2013-2017 Nissan Altima  
2.5L 4cyl  
(SEDAN ONLY)**

- 1- Short ram intake equipped MRtech and Air Fusion
- 1- 3 " Web nano-fiber (#1017) performance dry filter
- 1- Scoop Shield (X-11093)**
- 1- 2 3/4" X 3" step-hose (#3120)
- 1- 1.31 straight hose (#3100)
- 2- Power-bands #20 (#4001)
- 1- Power-bands #48 (#4004)
- 1- Power-bands #40 (#4003)
- 1- Rubber Trim @9.5"Long (#6058)**
- 1- m6 Vibra-mount (#6020)
- 3- m6 flange nuts (#6002)
- 2- Fender washers (#6010)
- 1- 4 page instruction

*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.*

**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

**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"** Patent pending

**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



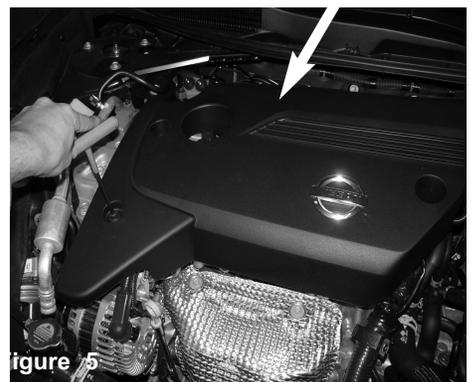
Figure 2



**Figure 3**  
Stock air intake cleaner and air ducts shown in this picture. Before getting started with the installation, disconnect the negative battery terminal.



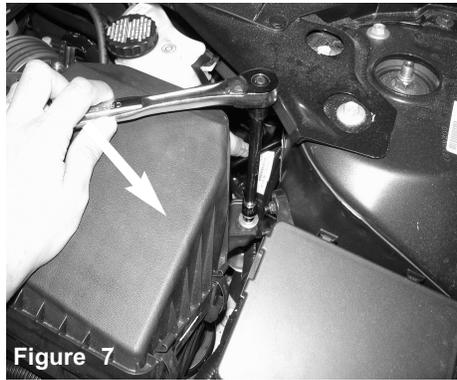
**Figure 4**  
With 10mm wrench, loosen the 2 screws holding in the factory scoop and remove.



**Figure 5**  
Loosen the 3 allen screws holding in the engine cover and remove.



**Figure 6**  
Disconnect the MAF sensor harness and pull line away from the air box.



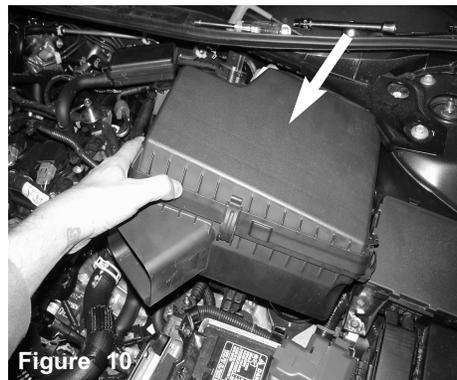
**Figure 7**  
Loosen the bolt holding in the air box and remove.



**Figure 8**  
With pliers clamp off the CCV box from the intake tube.



**Figure 9**  
Loosen the clamp on the air box and pull back the intake tube.



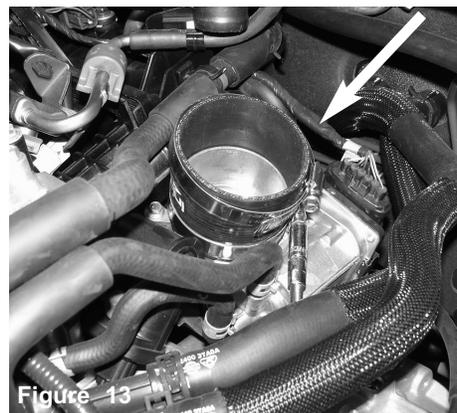
**Figure 10**  
Now lift up and remove the air box from vehicle.



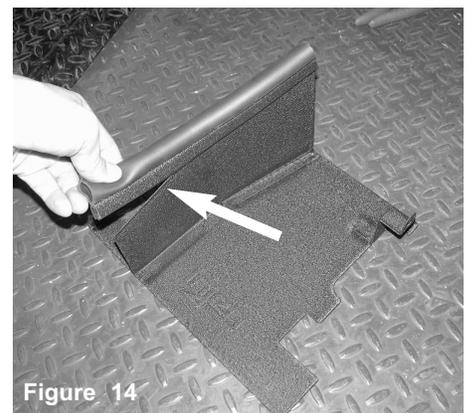
**Figure 11**  
Now loosen the clamp on the throttle body using 8mm nut driver.



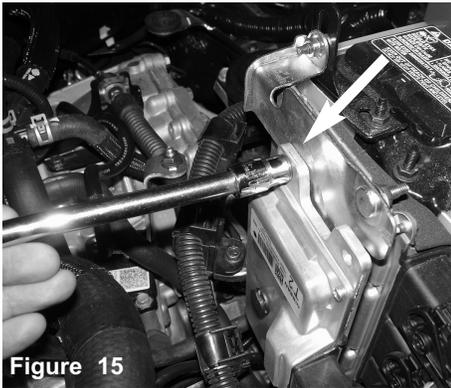
**Figure 12**  
Lift up and remove the intake tube from the vehicle.



**Figure 13**  
With clamps provided, install the 2-3/4" side to the step hose to the throttle body and tighten clamp using 8mm nut driver.

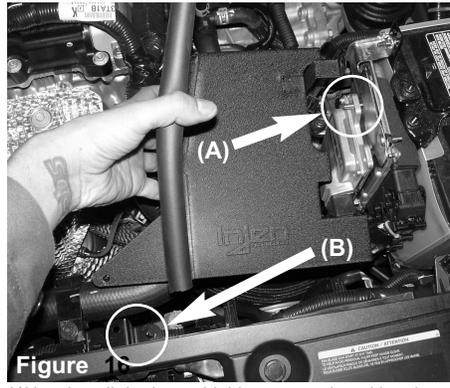


**Figure 14**  
Now install the rubber trim to the top of the scoop heat shield.



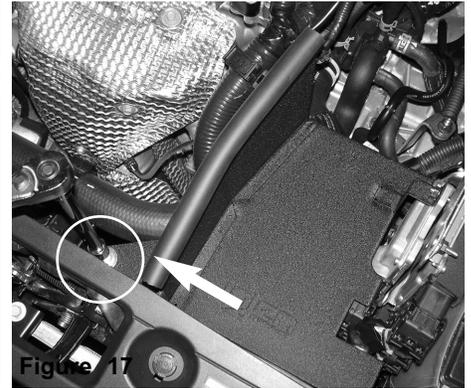
**Figure 15**

Next to battery, locate the nut holding in the computer ECM and loosen, save nut for later use.



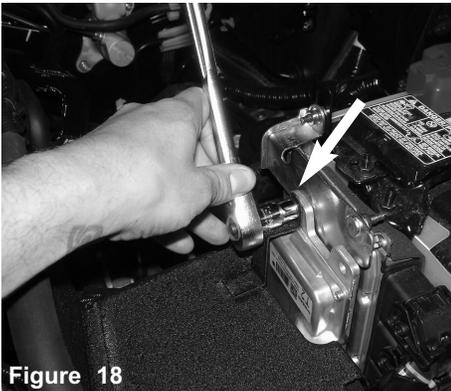
**Figure 17**

A) Now install the heat shield scoop and position the tab to the ECM threaded stud. B) Position the other tab to threaded stud on radiator support.



**Figure 18**

Secure and tighten the tab using provided M6 nut and fender washer.



**Figure 19**

Secure and tighten the tab using factory nut from step 15.



**Figure 20**

Loosen the 2 screws holding in the MAF sensor, and remove the sensor from air box.



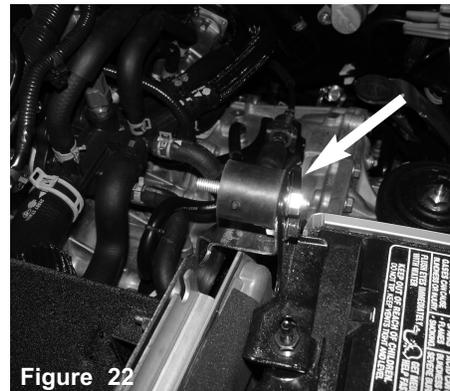
**Figure 21**

Now install the MAF sensor into the intake system. Secure and tighten using the factory 4mm screws and tighten.



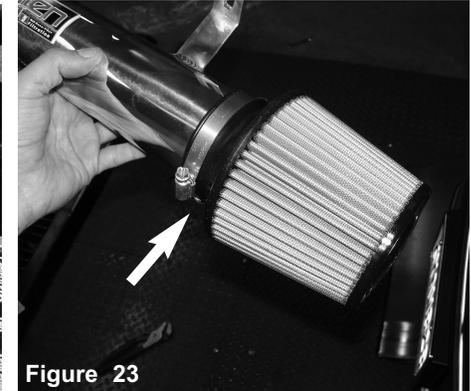
**Figure 22**

Next to battery locate the bracket and install the vibra mount to the fitting



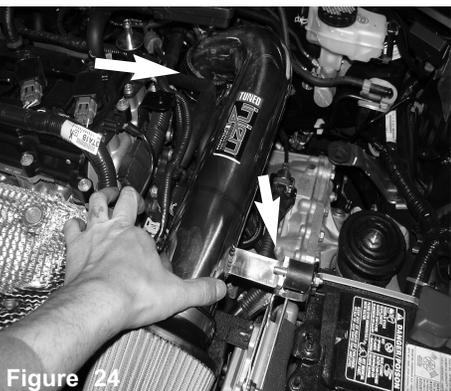
**Figure 23**

Secure the back of the vibra mount using m6 nut



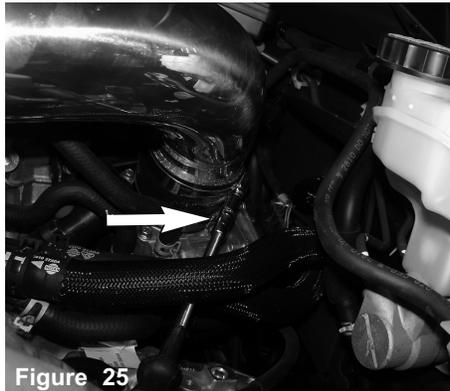
**Figure 24**

Install the air filter to the intake tube and tighten using 8mm nut driver.



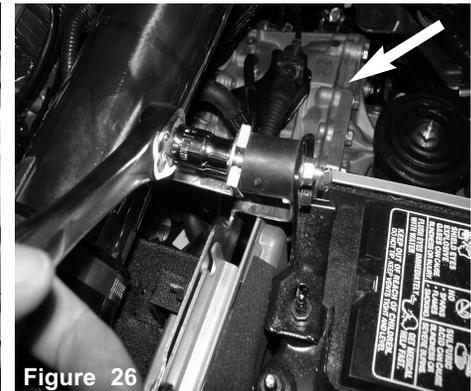
**Figure 25**

Install the intake system and position to the throttle body and the bracket to the vibra mount.



**Figure 26**

Position for best fit and tighten using 8mm nut driver.



**Figure 27**

Now secure the bracket using provided fender washer and M6 nut. Secure and tighten using 10mm socket and ratchet.



Figure 27

Install the 1.31 straight hose with clamps provided to the fitting on the intake tube.



Figure 28

Now install the CCV box to the hose, **make sure the box is bottom-out and touching the fitting**, tighten clamps using 8mm nut driver.

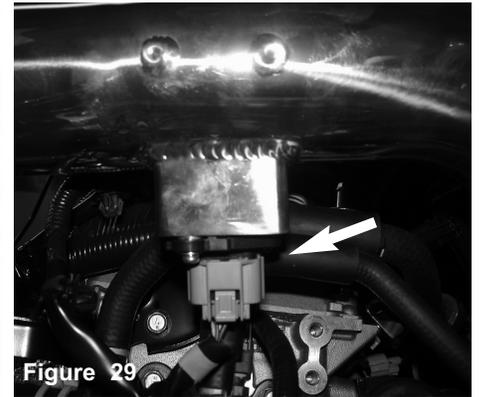


Figure 29

Reconnect the MAF sensor harness.



Figure 44

Once the intake and heat shield has been properly adjusted, continue to tighten all nuts, bolts and clamps. Re-install the engine cover and connect the battery terminals.



Figure 45

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.