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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 Intake Horns patent pending

Part number SP1998
2007-08 Infiniti G35 3.5L V6 Sedan
2008-13 Infiniti G37 3.7L V6 Coupe
2009-13 Infiniti G37 3.7L V6 Sedan

Dual Short rams equipped with MR Tech and filter Air Horns

- 1- Driver side primary air intake
- 1- Passenger side primary air intake
- 2- 5" Injen/AMSOIL Ea nanofiber (#1045BB) performance dry filter
- 1- Driver side heat shield (#11050)
- 1- Passenger side heat shield (#11051)
- 2- 3 3/4" velocity stacks (#6049)
- 2- 3 3/4" x 3 1/2" step hose (#3133)
- 8- m6 x 12mm hex bolts (#6056)
- 2- small washers (#6011)
- 2- Power Bands .056/.412 (#4005)
- 2- Power Band .064/.462 (#4006)
- 2- 11 1/2" Rubber foam trim (#6058)

(Over the top of each heat shield)

- 1- 5 1/2" Rubber foam trim (#6058)

(Goes on driver side heat shield)

- 1- 3 1/2" Rubber foam trim (#6058)

(Passenger side heat shield)

- 1- 2 1/2" Rubber foam trim (#6058)

- 1- 6 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 244 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.

Note: The C.A.R.B Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector

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

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



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.

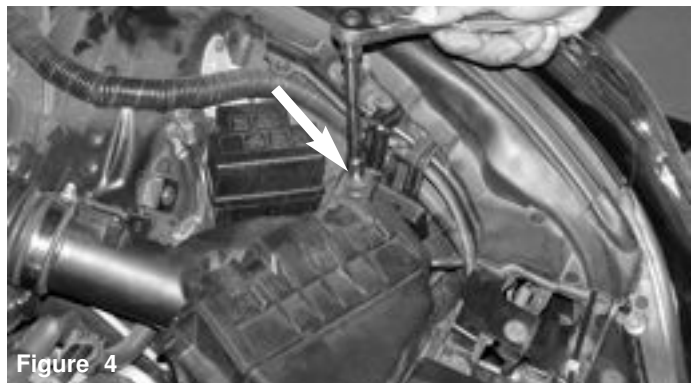


Figure 4
Loosen and remove the 10mm bolt that secures the air box top to the fender.

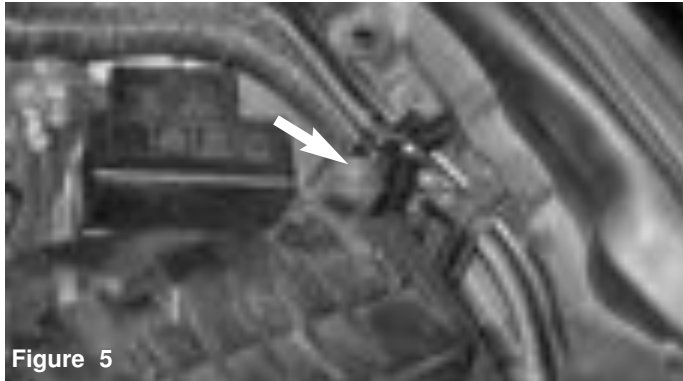


Figure 5
The stock m6 bolt has been removed for now.



Figure 6
Depress the tab and pull the electrical harness connector from the mass air flow sensor.



Figure 7
Loosen and remove the two mass air flow sensor bolts.



Figure 8
Once you have removed the sensor bolts, continue to pull the mass air flow sensor from the sensor housing.



Figure 9
Loosen the air duct clamp that connects the air duct to the sensor housing.



Figure 10
The air box cleaner is now ready to be removed from the engine compartment.

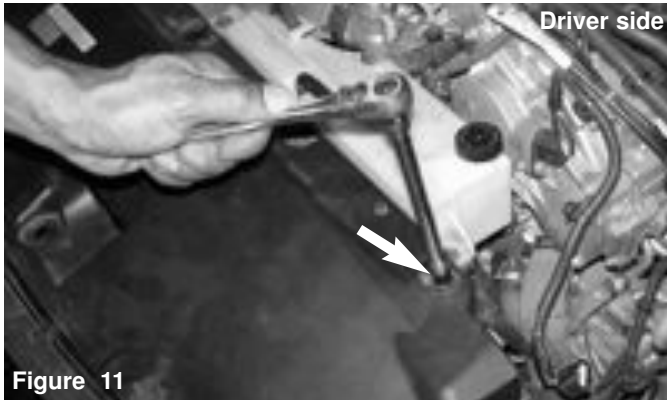


Figure 11

The m6 bolt is loosened from the driver side shroud as shown above.

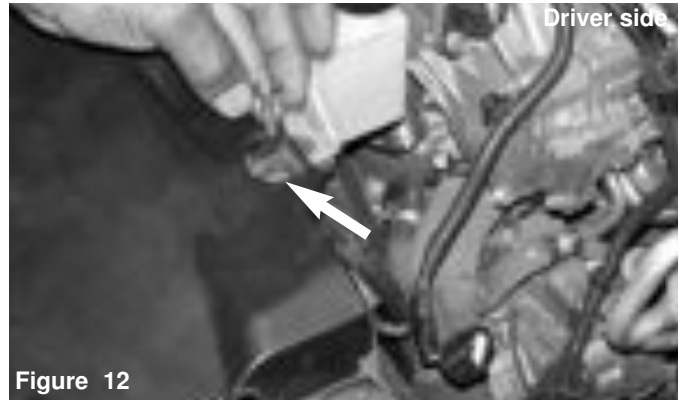


Figure 12

The m6 bolt is now removed from the drive side shroud to be used later in the instructions.



Figure 13

The m6 bolt is loosened from the passenger side shroud as shown above.



Figure 14

The m6 bolt is now removed from the passenger side shroud to be used later in the instructions.

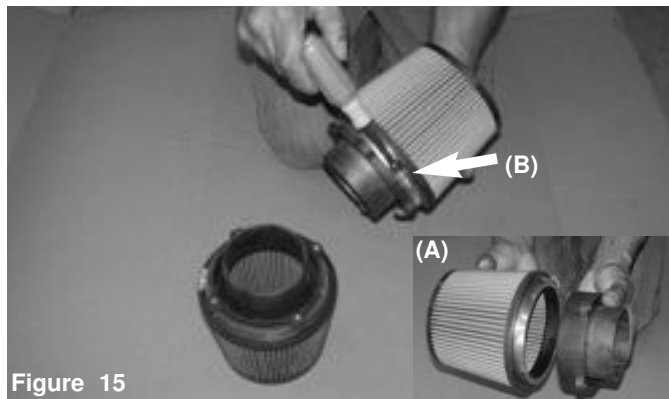


Figure 15

Press the velocity stack into the filter neck (A). Tighten the filter clamp once the velocity stack has been properly positioned (B).



Figure 16

Repeat installation of the second filter and velocity stack. Filters and velocity stacks are now assembled.



Figure 17

take the assembled filter and velocity stack and insert it into the heat shield opening. Align the nut inserts to the bolt pattern on the heat shield.



Figure 18

The assembled filter and heatshield nut inserts are lined up to the heatshield holes.



Figure 19

Once you have aligned the nut inserts to the bolt pattern, continue to use the m6 x 12mm bolts to fasten the velocity stack to the heat shield.



Figure 20

Once all four m6 bolts have been screwed into the nut inserts continue to tighten all m6 bolts.



Figure 21

The filters, velocity stacks and heat shields have all been assembled.

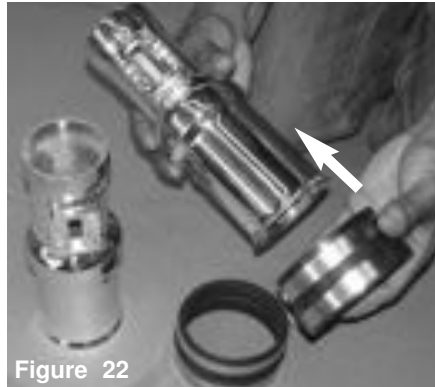


Figure 22

The tuned intake is aligned to the step hose, the smaller ID end is slipped over the intake horn and onto the hump.

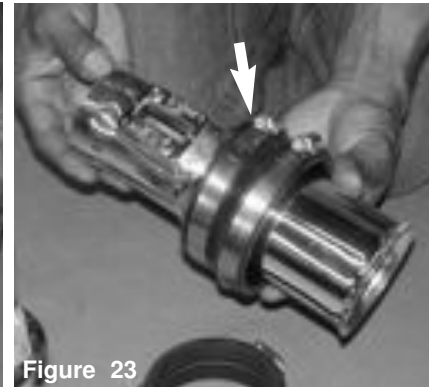


Figure 23

The small ID end on the step hose is aligned to the end of the hump as shown above. Repeat steps on the second air intake.

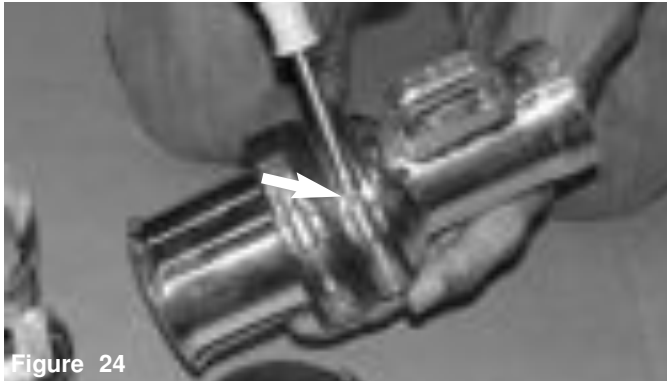


Figure 24

Once you have positioned the step hose in the correct position, continue to tighten the clamp over the intake, repeat steps on the second intake.



Figure 25

The intakes and step hoses are now assembled.



Figure 26

The intake air horns are inserted into the velocity stacks and into the filters. The velocity stack neck should be pressed into the step hose.



Figure 27

Once you have inserted the velocity stack neck into the step hose, continue to tighten the clamp over the step hose.

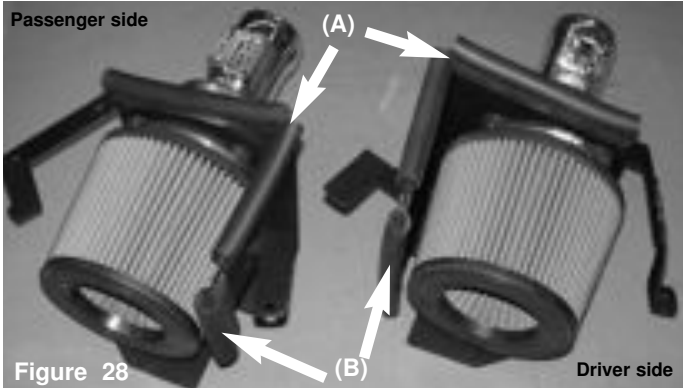


Figure 28
The filters and heat shields have been assembled to the intakes and step hoses. The vinyl trim is pressed over the top edge (A) The 1/2" vinyl trim is placed on the driver side while the remaining two are placed on the passenger side (B).



Figure 29
The assembled driver side air filter is now lowered into the driver side engine compartment.



Figure 30
The intake end is inserted into the stock air intake duct. Insert the intake into the air duct until the heat shield brackets are aligned to the mounting holes.



Figure 31
The extended bracket on the heat shield is aligned under the shroud (A), The stock screw is used to secure the bracket to the radiator crossmember(B).



Figure 32
The second bracket on the heat shield is aligned to the driver side fender well (A). the 10mm socket is used to tighten the m6 stock bolt (B).



Figure 33
The mass air flow sensor is now inserted into the sensor adapter as shown above.

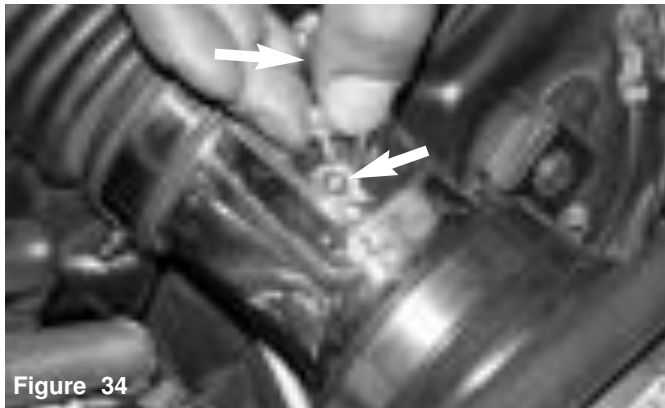


Figure 34
Use two m4 x 10mm bolts to secure the mass air flow sensor to the machined sensor adapter.



Figure 35
Press the electrical sensor harness over the mass air flow sensor until it snaps in place.



Figure 36

align the passenger side air intake system for the best possible fit. Once the intake and heat shield has been properly adjusted, continue to tighten all nuts, bolts and clamps.



Figure 37

align the driver side air intake system for the best possible fit. Once the intake and heat shield has been properly adjusted, continue to tighten all nuts, bolts and clamps.



Figure 38

Congratulations! You have just completed the installation of one of the best air intake systems made.



Figure 39

Periodically, check the fitment of both intake systems. Normal driving conditions may loosen nuts, bolts and clamps causing intakes to shift resulting in damage to automotive parts.

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.