



Cyborg Intake System

“The World’s First Tuned air Intake System!”
Factory safe air/fuel ratio’s for Optimum performance
Injens tuning process covered by three U.S. Patents

Part number SP5020

2012-16 Fiat 500

1.4L 4cyl.

(Manual transmission only)

- 1- 2 pc. cold air intake equipped with **MR Technology**
- 1- 2.75" web/nano fiber dry filter (#1010)
- 1- stainless bracket (#20040)
- 1- 2.5" straight hose (#3048)
- 1- M6 button head (#6083)
- 2- Power Bands #040 (#4003)
- 1- 15.9mm hose @ 8.5"Length (#3080)
- 2- M6 vibra-mount (#6020)
- 3- M6 flange nuts (#6002)
- 3- M6 washers (#6010)
- 1- zip tie black (#8014)
- 1- 4 page instruction

Note: All parts and accessories now sold on-line at :
“injenonline.com”

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



Figure 1

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.

Parts and accessories are available on line at “Injenonline.com

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

Note: Injen strongly recommends that this system be installed by a professional mechanic.



Figure 2



Figure 3
Stock box shown in this picture



Figure 4
Lift up the engine cover, and remove.

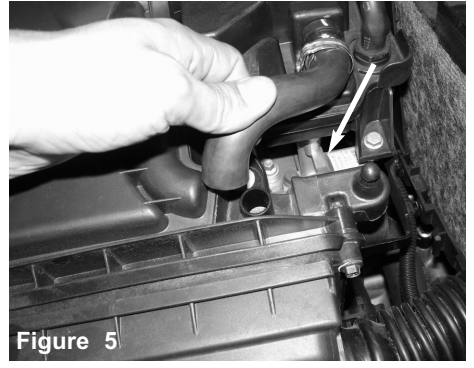


Figure 5
Pull out the crank case line from the air box.



Figure 6
With 8mm socket or nut driver, loosen the bolt holding in the 90 degree plastic snorkel.



Figure 7
Loosen the 3 bolts holding in the air box using 8mm socket or nut driver.

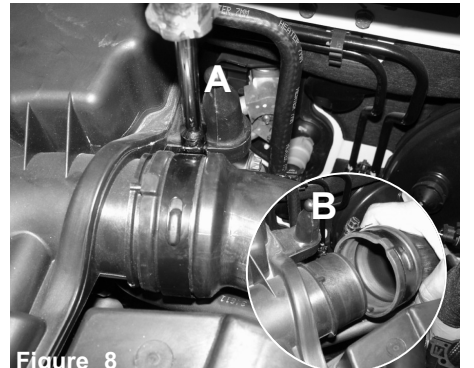


Figure 8
A) Loosen the clamp on the air box only.
B) Carefully pull back the stock intake tube.



Figure 9
Pull out the complete air box assembly. Make sure the coolant line is apart from the back of the air box.

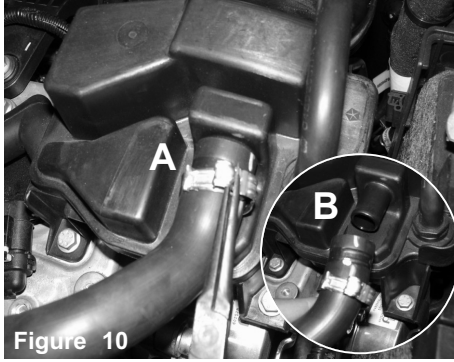


Figure 10
A) With pliers carefully remove the safety clamp on the crank case line.
B) Remove the crank case line.



Figure 11
Carefully jack the front driver side of vehicle, and loosen the bolts on the front wheel and remove. This will allow for easier installation. **Note: Make sure the vehicle is secure!**



Figure 12
Loosen the screws holding in the splash guard.

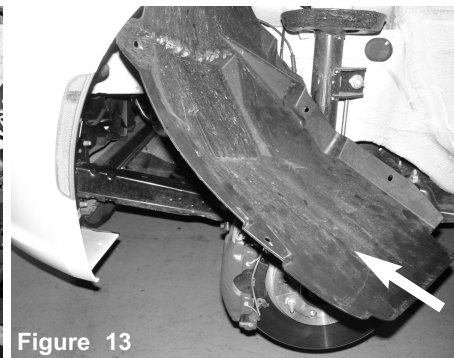


Figure 13
Pull back the splash guard behind the brake for more room.

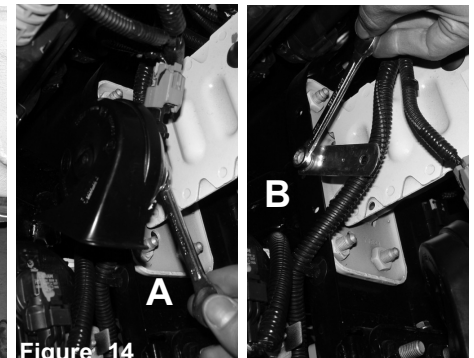


Figure 14
A) With 10mm wrench, loosen the nut holding in the back of the horn on the bracket.
B) Loosen the screw holding in the bracket with 10mm wrench.

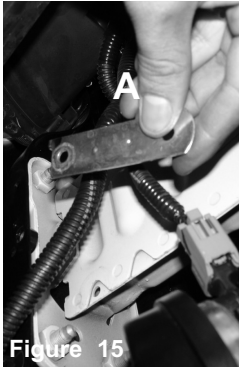


Figure 15

A) Remove the bracket and flip over.
B) Now place bracket so it's facing up.

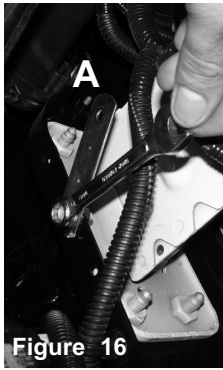
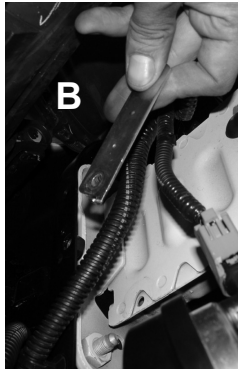


Figure 16

A) Secure the bracket.
B) Re-install the horn, make sure its facing down and secure and tighten. This will allow for more filter clearance.

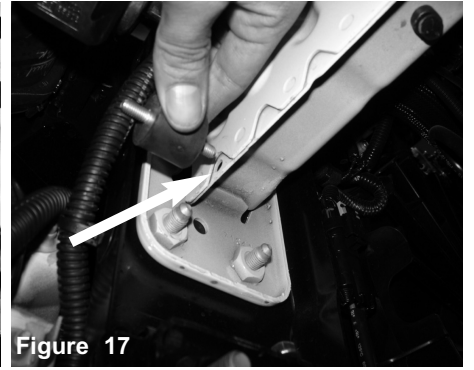
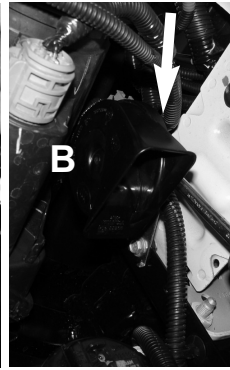


Figure 17

Install the vibra mount to the hole on the front of vehicle frame.

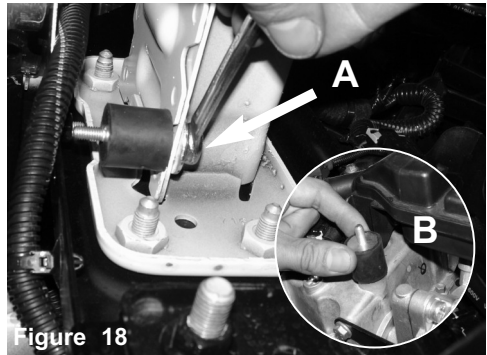


Figure 18

A) Secure using provided M6 nut and washer. Tighten using 10mm wrench. B) Install the vibra mount to the fitting on the engine under the crank case CCV box. (stock air box mounting insert)



Figure 19

A) Install the upper intake tube assembly and position to the stock intake hose and bracket to the vibra mount. B) Secure bracket using provided M6 nut and washer. Do not tighten.

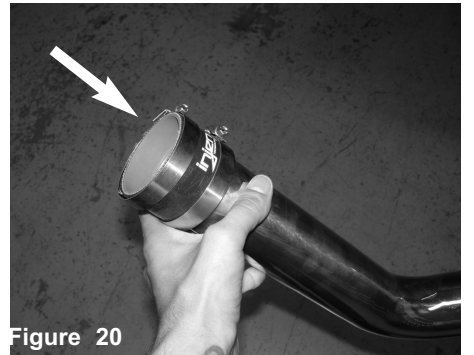


Figure 20

Attach the hose with clamps to the lower intake assembly.

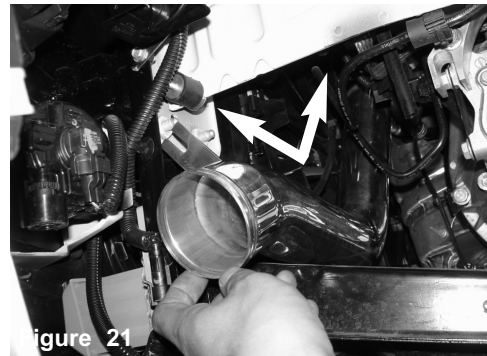


Figure 21

Install the lower intake assembly into the bottom of the vehicle and position to the upper intake assembly and bracket to the vibra mount from step 18A.



Figure 22

Connect the upper and lower intake tubes. Tighten using 8mm nut driver. Keep snug in case you need to re-position.

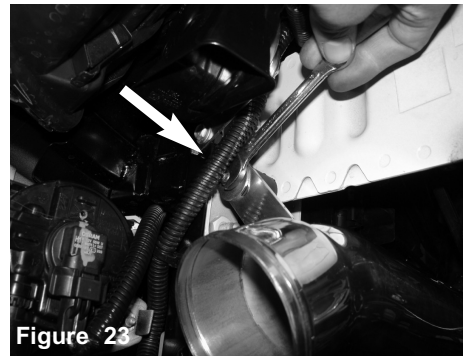


Figure 23

Secure the bracket on intake tube using provided M6 washer and nut. Tighten the nut using 10mm socket and ratchet.

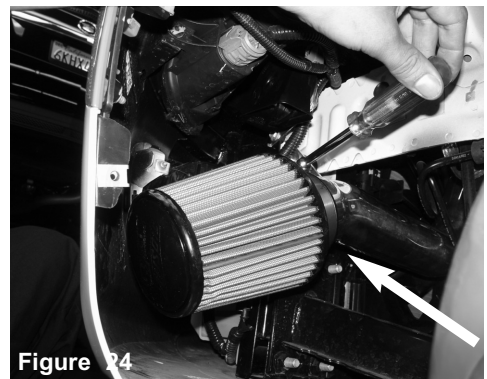


Figure 24

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

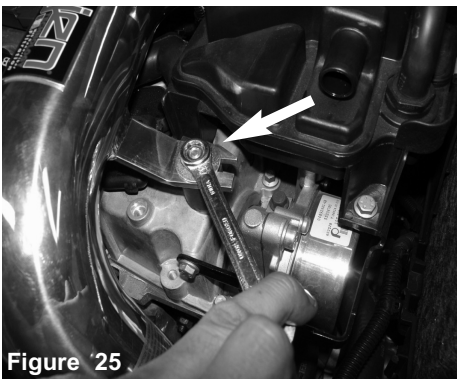


Figure 25

Secure the bracket on upper intake tube assembly using 10mm wrench.

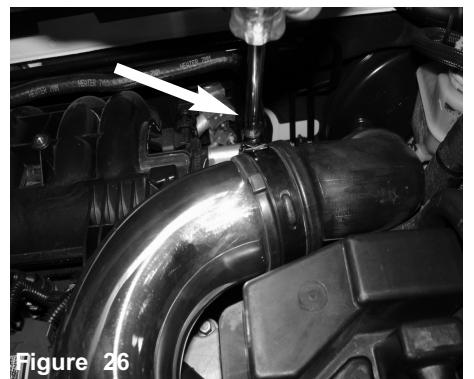


Figure 26

Position for the best possible fit and clearance. Tighten all clamps using 8mm nut driver.



Figure 27

Attach the 15.9mm hose to the fitting on the intake tube.



Figure 28

Now install to the fitting on the CCV crank case box.

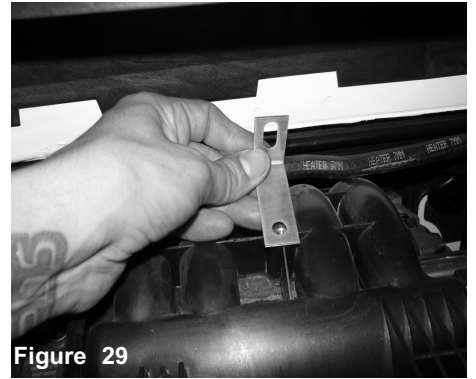


Figure 29

Place the stainless bracket to the insert on the back close to the firewall. (stock air box insert)

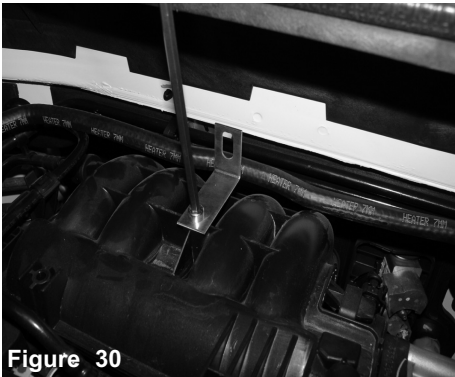


Figure 30

Secure using provided M6 button head screw.

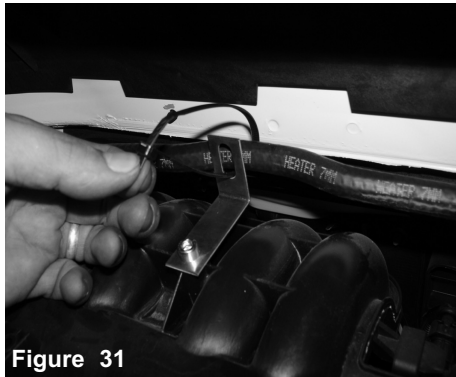


Figure 31

Position the coolant line to the back of the bracket, and secure using the provided zip tie.



Figure 32

Snug fit the coolant line to the bracket.



Figure 33

Re-position if necessary and tighten if needed. Make sure there is enough clearance.



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. Failure to check the alignment and adjust the intake can cause damage that will void the warranty.

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.