



# 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 SP5023**  
**2014 Fiat 500L**  
**1.4L 4cyl. turbo**

- 1- 1 pc. Short Ram intake
- 1- 3" web/nano fiber dry filter (#1014)
- 1- 2" Straight hose (#3146)
- 2- #36 Powerclamps (#4008)
- 1- M6 M/F vibra-mount (#6028)
- 1- M6 flange nuts (#6002)
- 1- M6 washers (#6010)
- 1- 12mm hose @ 3" L (#3078)
- 1- zip tie black (#8014)

**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 inspector.**

**Congratulations! You have just purchased the best engineered, dyno-proven cold air intake system available.**

**Please check the contents of this box immediately.**

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**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.**



**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 1



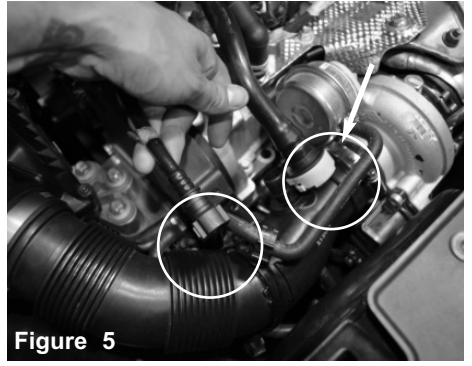
Figure 2



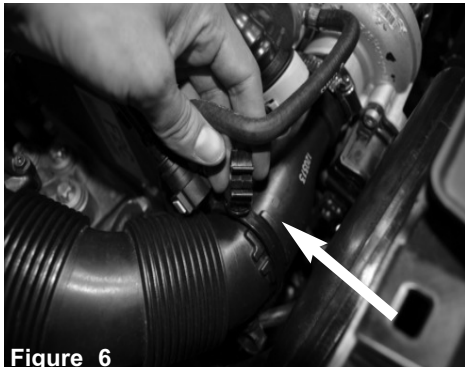
**Figure 3**  
Stock box shown in this picture



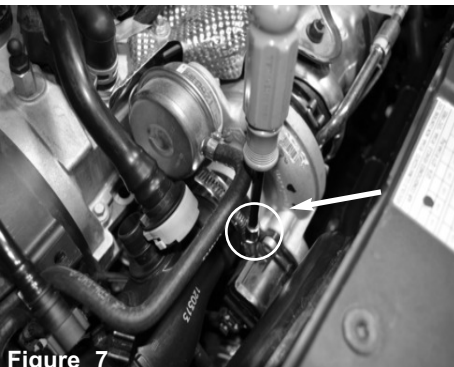
**Figure 4**  
Lift up the engine cover, and remove.



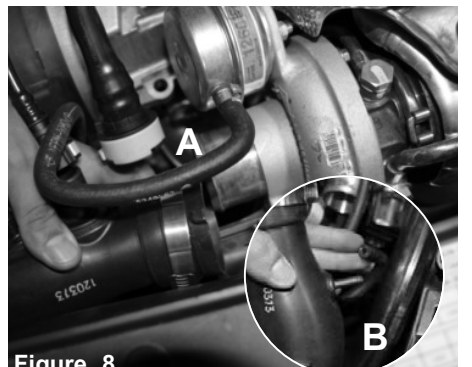
**Figure 5**  
Disconnect both vacuum and crank case line from the factory



**Figure 6**  
Pull back line connected to fitting on tube.



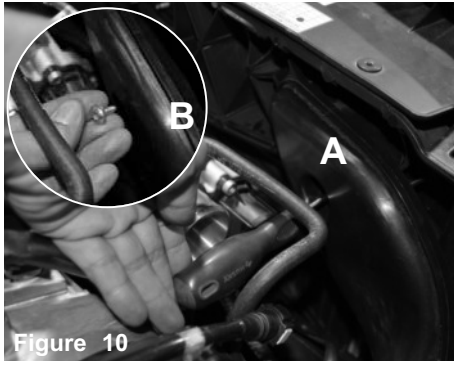
**Figure 7**  
Loosen the clamp on the turbo using 8mm nut driver.



**Figure 8**  
A) Pull back the tube from turbo.  
B) Disconnect the vacuum line from the fitting on intake tube.



**Figure 9**  
Remove the stock intake tube.



**Figure 10**  
A) Loosen the torx screw on the ram scoop located on the front of the radiator support B) Remove the torx screw from the scoop.



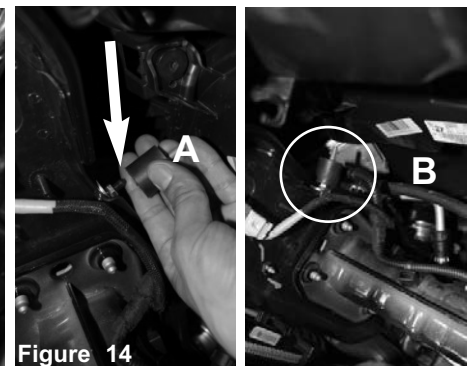
**Figure 11**  
Remove the scoop from the front of the vehicle.



**Figure 12**  
Now lift up and remove the whole intake assembly out of vehicle.



**Figure 13**  
Install the 2" hose to the turbo with clamps provided.



**Figure 14**  
A) Locate the M6 stud in front of vehicle on frame, install the female/male vibramount to the stud.  
B) Secure and tighten M6 vibra mount.

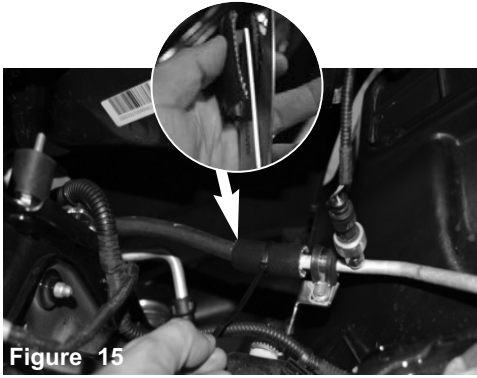


Figure 15

With provided hose, cut the hose. Place on the A/C line to prevent any hard contacts with intake tube. Secure using provided zip tie.



Figure 16

Install intake tube into vehicle.

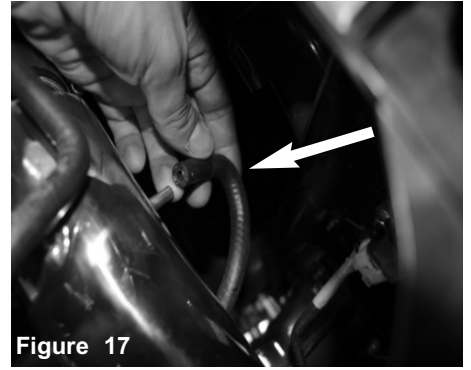


Figure 17

Connect the vacuum line from step 8 to the fitting on the intake tube.

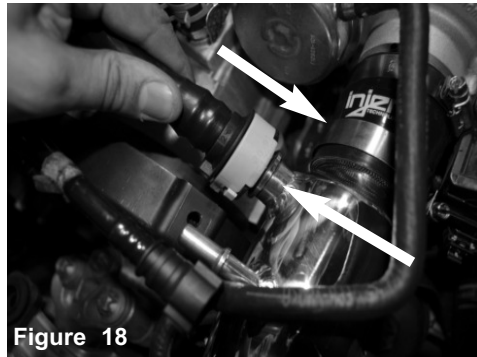


Figure 18

Install the intake tube to the hose on turbo. **Do not tighten!** Connect the crank case line to the larger fitting.

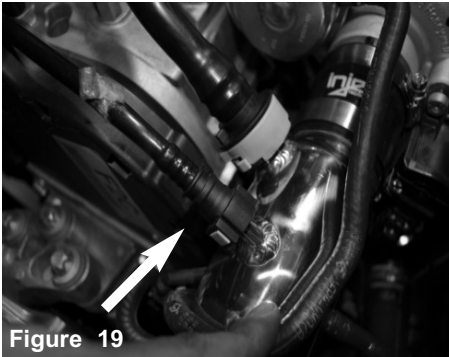


Figure 19

Connect the smaller vacuum line to the fitting on the intake tube.

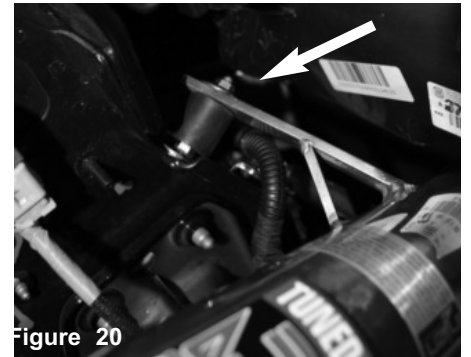


Figure 20

Secure the bracket to the vibramount using provided M6 nut and fender washer.

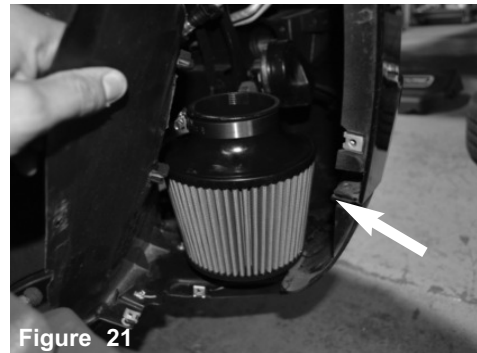


Figure 21

Pull back the passenger side splash guard, this will allow for the installation of the filter.

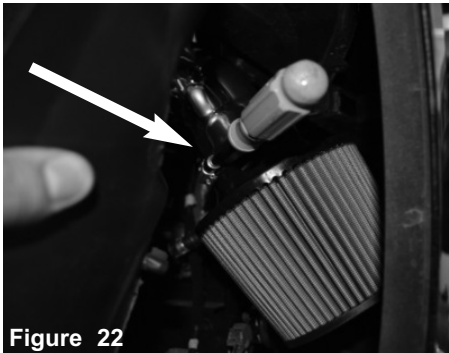


Figure 22

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

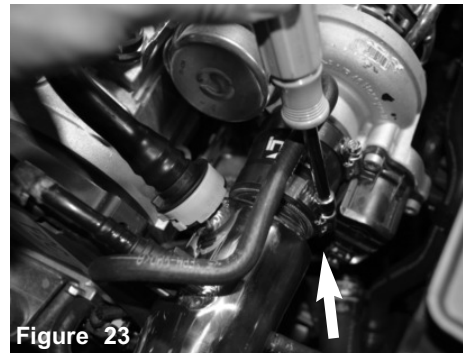


Figure 23

Now position for the best fit of the intake system. Make sure there is clearance and nothing is touching. Tighten the clamp using 8mm nut driver.

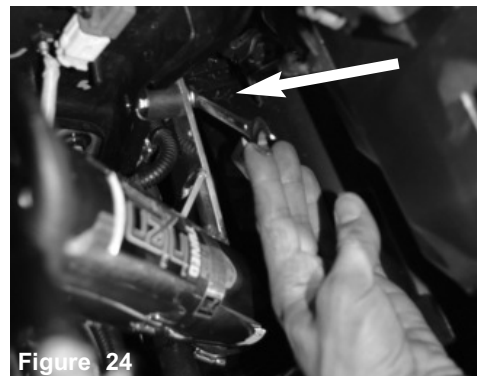


Figure 24

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



Figure 25

Now install the engine cover and secure.



Figure 26

Verify the clearance and check to make sure there is enough room.



Figure 27

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



Figure 28

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.
- 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.