



Part number SP5021

2012-14 Fiat 500 Abarth  
1.4L 4-Cyl. Turbo

- 1- 1 pc. Short ram intake equipped with **M.R. Technology**
- 1- 3" Injen dry filter (#1078BB)
- 1- Heatshield scoop (#11094)
- 1- 3/4"ODx2"L aluminum coupler (M-20096)
- 1- 15mm hose@13" L (#3079)
- 1-Bulb edge trim @22" L (#6058)
- 1- M6 male/female Vibramount (#6028)
- 4- M6 Vibramount (#6020)
- 5- M6 Nut (#6002)
- 2- Fender Washer (#6010)

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

All parts and accessories now sold on-line at : [www.INJENONLINE.COM](http://www.INJENONLINE.COM)  
Injen Technology  
244 Pioneer Place Pomona  
CA 91768 USA

**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.



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## 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

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

**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.

**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. Parts and accessories are available on line at "Injenonline.com"

### M.R. Technology

**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



Figure 3 Stock air box assembly shown in this picture. Disconnect battery before the install.



Figure 4 Loosen the clamp on the upper part of the air-box/engine cover using 8mm nut driver.



Figure 5 Loosen the clamp on the turbo side of the stock intake tube.

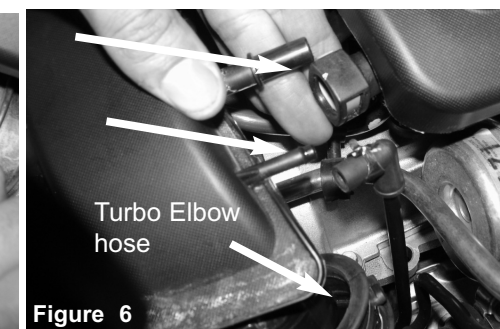


Figure 6 Disconnect the vacuum lines from the stock intake tube. Now lift up and pull the stock intake tube out of the stock turbo elbow hose. Leave the hose on turbo.



Figure 7 Carefully lift up and remove the stock intake tube from the vehicle.

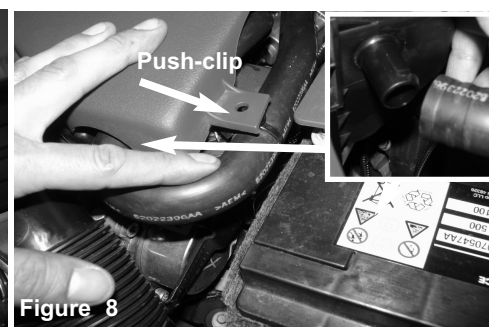


Figure 8 Now push the clip holding in the crank-case line away from the air-box/engine cover. Pull back the crank-case line from the air box.

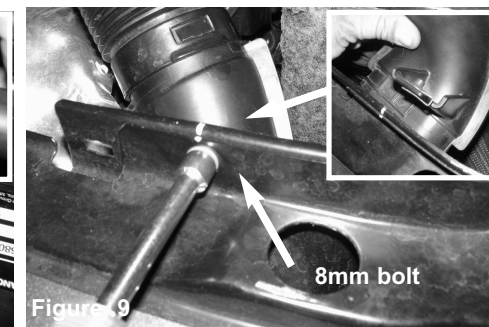
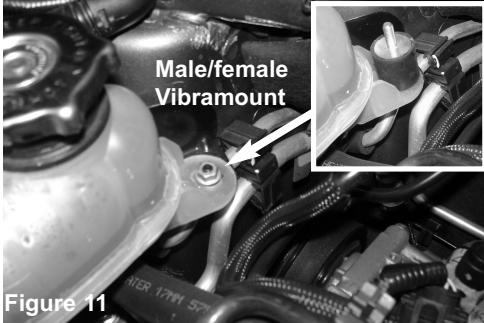


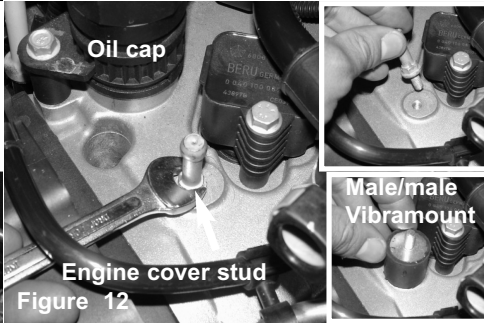
Figure 9 Loosen the bolt holding in the snorkel scoop on the radiator support. Now pull back the snorkel scoop from the radiator support.



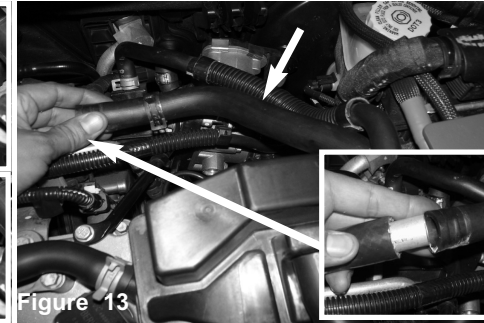
Figure 10 Now lift up and remove the air-box/engine cover from the vehicle. Disconnect the snorkel from the air box assembly.



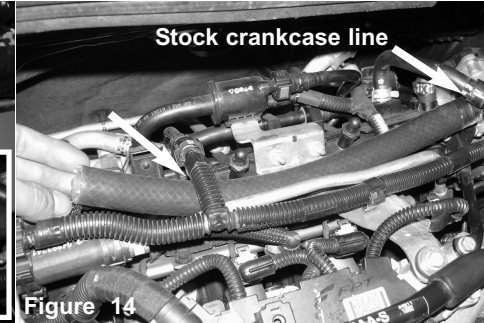
**Figure 11**  
Locate the coolant reservoir bracket. Loosen the 10mm nut. Remove and replace with provided M6 male/female vibramount. Secure and tighten.



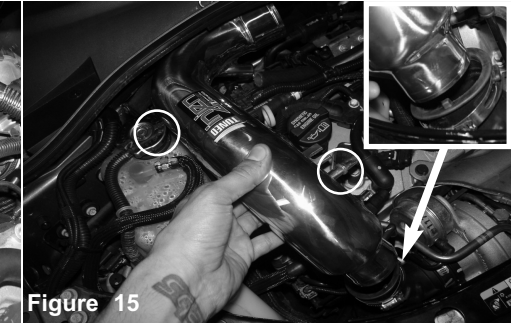
**Figure 12**  
On engine, locate the engine cover stud next to oil cap. Loosen the stud, and remove with 10mm wrench. Replace with provided M6 male/male vibramount and secure and tighten.



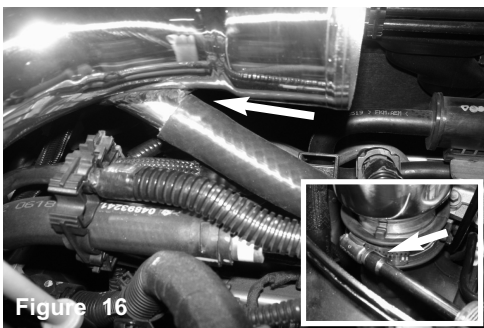
**Figure 13**  
Reposition the crankcase line under the additional ventilation line. With provided 5/8" aluminum coupler, connect the 15mm hose provided to the original crank case line and secure.



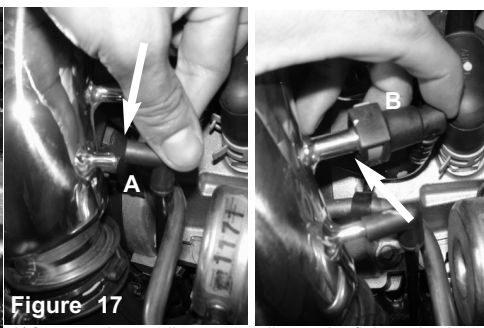
**Figure 14**  
Set and position the crankcase line like the above photo.



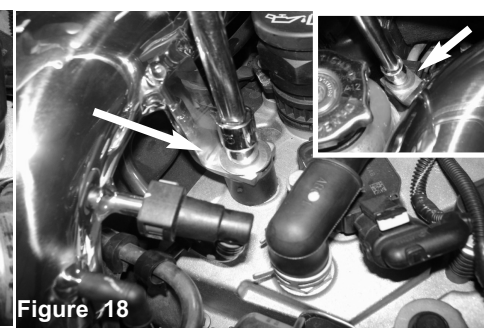
**Figure 15**  
Install the intake tube into vehicle and position the brackets to the vibramounts. Secure the tube into the factory elbow turbo hose.



**Figure 16**  
Connect the crankcase line to fitting on intake tube and secure. Tighten and secure the intake tube using 8mm nut driver.



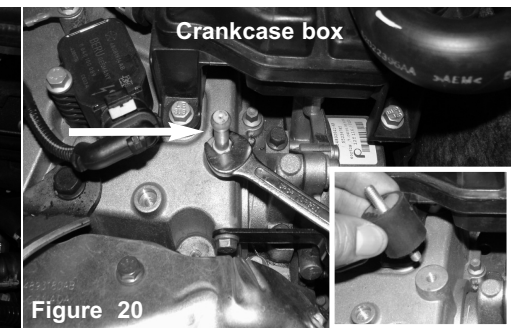
**Figure 17**  
A) Connect the smaller vacuum line to the fitting on intake tube. B) Connect medium vacuum line to the machined fitting and listen for click.



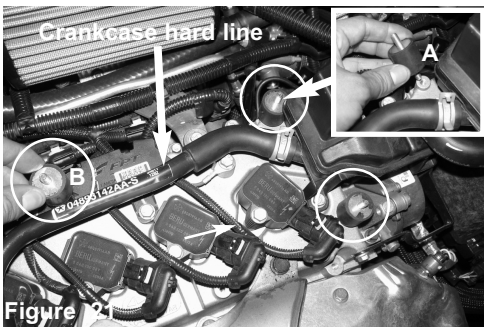
**Figure 18**  
Secure and tighten both brackets on intake tube using provided fender washers and nuts. Tighten using 10mm socket and ratchet.



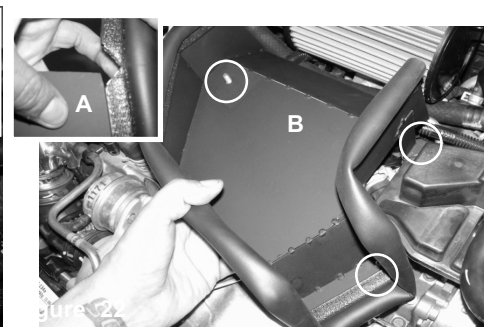
**Figure 19**  
Install the filter to the intake tube and tighten using 8mm nut driver.



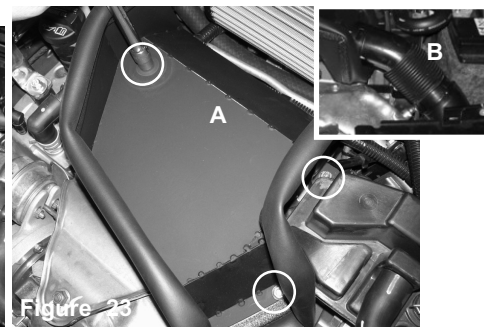
**Figure 20**  
Loosen the engine stud fitting near the crank case box. Remove and replace with provided male/male vibramount. **Note: the next 2 vibramounts that will be installed will be male/male vibramounts also.**



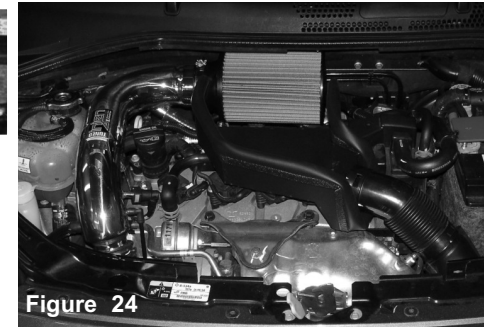
**Figure 21**  
A) Install the vibramount on back side of crankcase box to threaded fitting on valve cover. B) Locate the last threaded insert on plastic cover near crankcase hard line and install last. Secure all the vibramount and tighten.



**Figure 22**  
A) Install the trim seal to the heatshield scoop. **Note: you can notch the corners for the trim to sit smoother on corners.** B) Now install the heatshield scoop assembly into vehicle and position the holes on scoop to the vibramounts from previous step.



**Figure 23**  
A) Secure the heatshield scoop using provided M6 nuts. Secure and tighten using socket or wrench. B) Now re-install the snorkel scoop from steps 9 & 10 and install to the vehicle and position like image above.



**Figure 24**  
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.