



**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

**Part number SP1106**  
**2011 Mini Cooper S 1.6L turbo 4cyl**

- 1- 1 pc. cold air intake
- 1- 3" High flow filter (#1049)
- 1- Bracket black (M-20094)
- 1- 2.75" straight hose (#3043)
- 1- HS5000 heat shield (#11011)
- 3- heat shield bolts (#6019)
- 3- Composite clamps (#4010)
- 2- Power Bands #040 (#4003)
- 2- M6 stand off stud (#15023)
- 3- M6 flange nuts (#6002)
- 3- M6 washers (#6010)
- 1- M6x1x25 hex screw (#6006)
- 1- Vinyl trim @ 10" L (#6023)
- 1- 4 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 285 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"



**Note: 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**  
**"At Injen Technology, we didn't copy the step down process, we invented it!"**



Figure 1



Figure 2



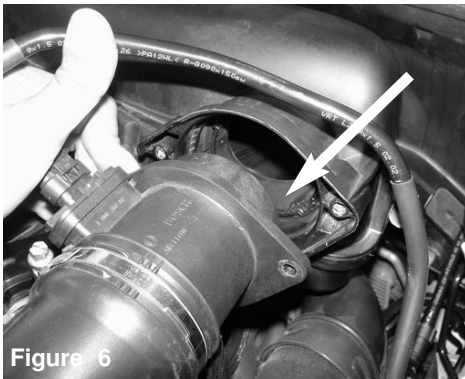
**Figure 3**  
Complete stock intake assembly.



**Figure 4**  
Loosen the screw on the air box using t25 torx bit.



**Figure 5**  
With t30 torx bit, loosen the 2 screws holding in the MAF sensor housing.



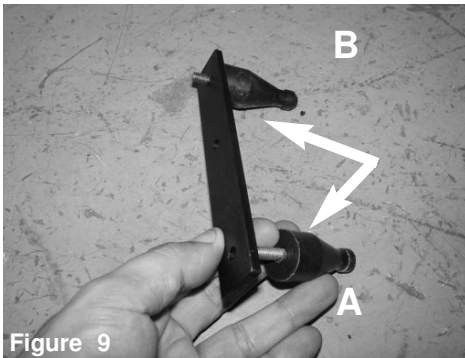
**Figure 6**  
Pull back the MAF sensor housing from the air box.



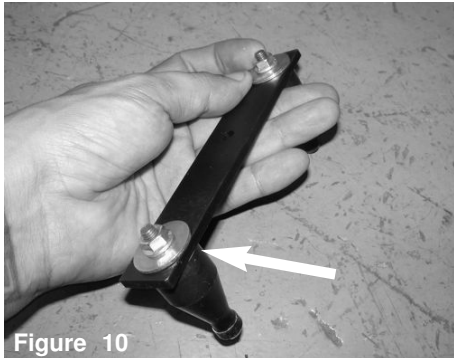
**Figure 7**  
Pull back the snorkel/ram air plastic piece from the bottom half of the airbox.



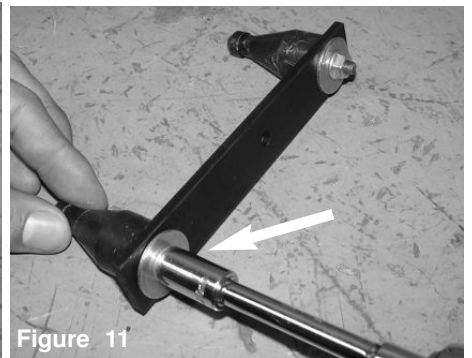
**Figure 8**  
Now lift up and remove the stock air box from the vehicle, this may require some force.



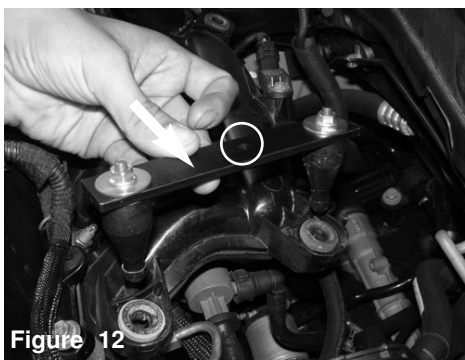
**Figure 9**  
Attach the M6 stand off studs to the holes located at the ends of the bracket.



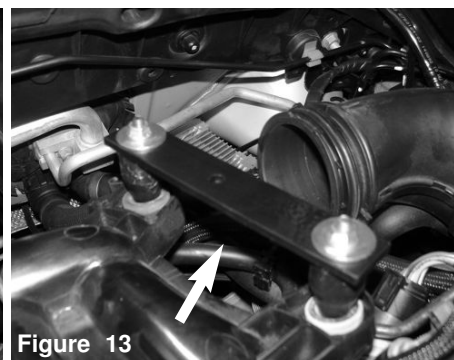
**Figure 10**  
Secure the bracket using provided fender washer and M6 nut.



**Figure 11**  
Now tighten the stand off studs using 10mm socket or wrench.



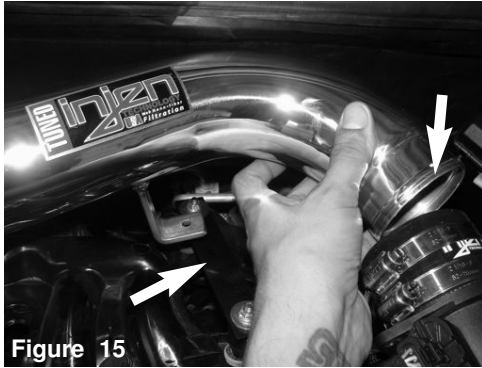
**Figure 12**  
Install the bracket assembly into the vehicle and position to the stock air box grommets. **Make sure the hole on bracket is closer to the firewall.**



**Figure 13**  
Secure and make sure the bracket is seated in grommets.



**Figure 14**  
Install the 2-3/4" straight hose with clamps to the MAF sensor. Tighten on the MAF sensor only.



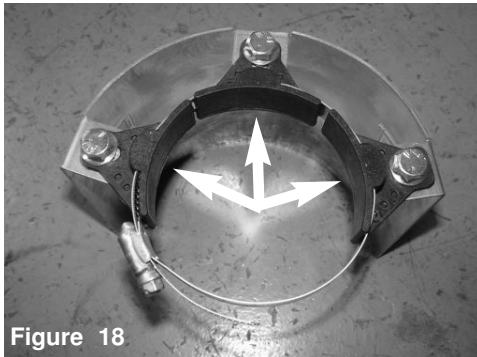
**Figure 15**  
Install the intake tube and position to the throttle body and bracket to the bracket from step 13.



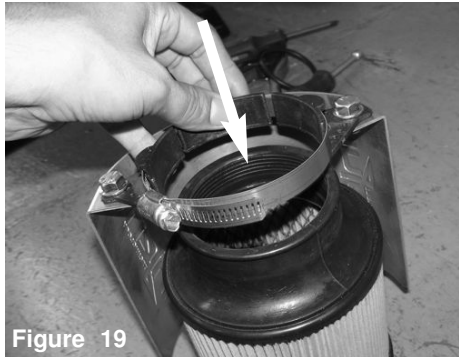
**Figure 16**  
Install the provided hex screw through the bottom and place intake bracket directly on top.



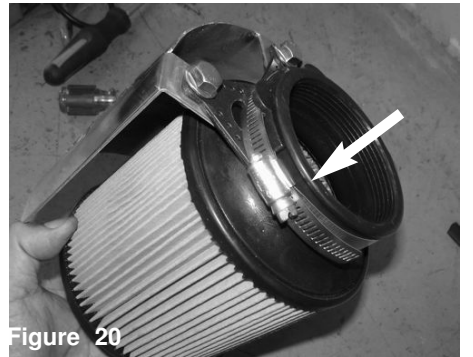
**Figure 17**  
Secure the bracket using provided M6 nut and fender washer. Do not tighten.



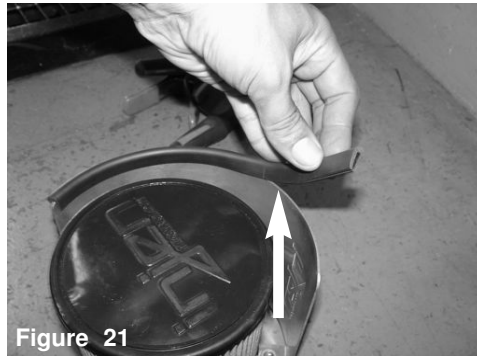
**Figure 18**  
Position the heat shield like above image. Secure the composite clamps using provided bolts and tighten using 13mm socket or wrench. Place filter clamp in the grooves for filter to be secured.



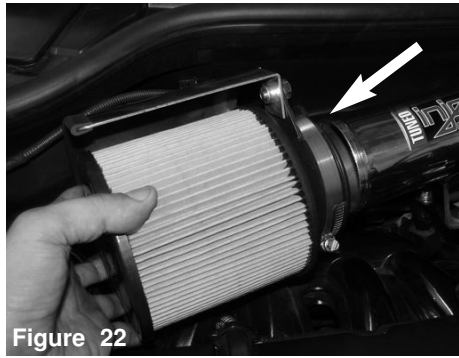
**Figure 19**  
Install the heat shield to the filter, slide clamp over the flange side of the filter.



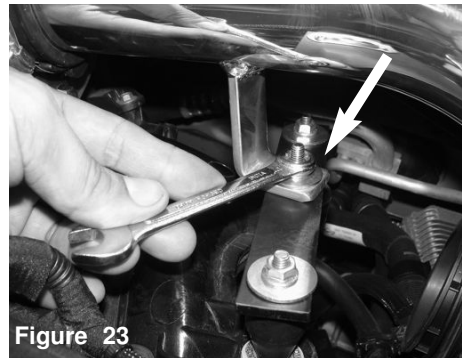
**Figure 20**  
Position like image above.



**Figure 21**  
Now attach the trim seal to the top of the filter heat shield.



**Figure 22**  
Install the filter assembly to the intake tube.



**Figure 23**  
Now tighten and secure the bracket using 10mm socket or wrench.



**Figure 24**  
Position for the best fit, check for clearance tighten clamps using 8mm nut driver.



**Figure 25**  
Check for hood clearance and engine clearance. MAke sure there is enough clearance. Re-tighten and adjust if necessary.



Figure 26

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.