



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 SP3077

2014-2018 VW Jetta GLI 4cyl. 2.0L Turbo
 2014-2018 VW Jetta 4cyl. 1.8L Turbo
 2014-2017 2014-2017 Passat 1.8L TSI

- 1- 2 pc. Short Ram Intake
- 1- 3" Large dry filter (#1078)
- 1- Heat shield (#11083)
- 1- Rubber trim@ 17-1/2"L(#6058)
- 1- Vinyl trim@ 11-1/2"L (#6023)
- 1- 2.5"x3.0" step hose (#3110)
- 1- 3.0" hump hose (#3033)
- 3- Power Bands #048 (#4004)
- 1- Power Bands #040 (#4003)
- 1- M6 allen head screw (#6083)
- 2- M6 vibra-mount (#6020)
- 3- M6 flange nuts (#6002)
- 3- M6 washers (#6010)
- 1- Air Pump Plug (#8035)
- 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 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"

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
Stock box shown in this picture, if desired remove the engine cover for easier installation.

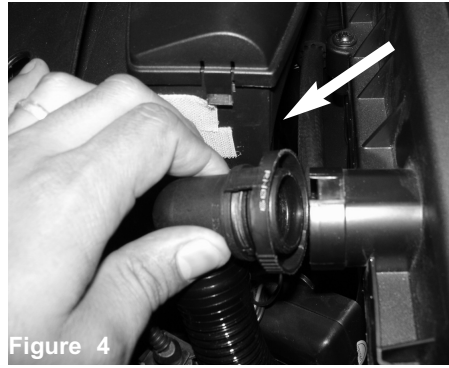


Figure 4
Pinch the harness on smog pump and pull away from air box. (if equipped with smog pump)

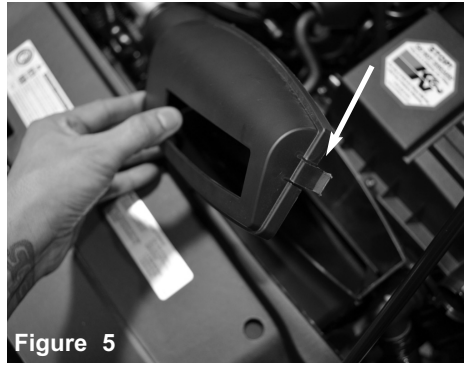


Figure 5
Pull back the scoop/ram cover.



Figure 6
Pull out ram air elbow from air box.

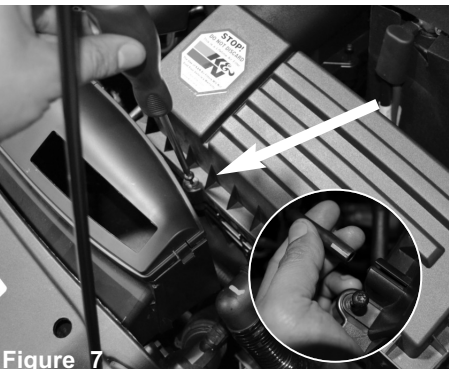


Figure 7
Remove the upper half of the airbox cover. Loosen the screws using phillips screwdriver. Pull back the vacuum line from the stock OEM airbox.



Figure 8
With pliers, carefully pull the intake tube out

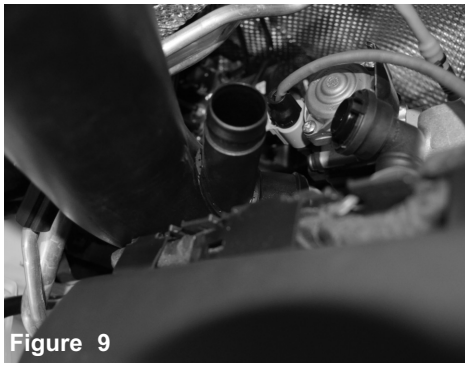


Figure 9
Disconnect the crank-case line from the stock intake tube.

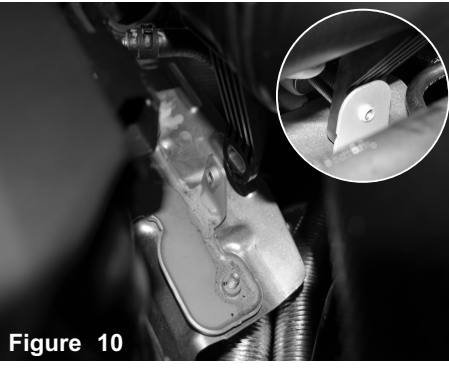


Figure 10
With T30 torx bit, loosen and remove the screw holding in intake tube near fire-wall on engine.

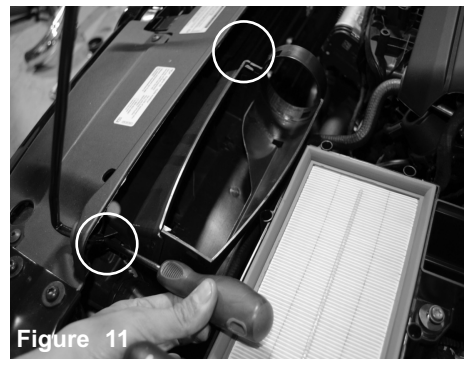


Figure 11
Loosen the 2 screws holding in the ram scoop using T25 torx bit or screwdriver. Save the screws for later install.

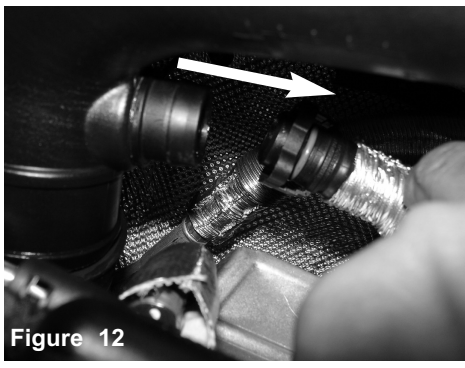


Figure 12
Pinch and pull back crank case line from intake tube.

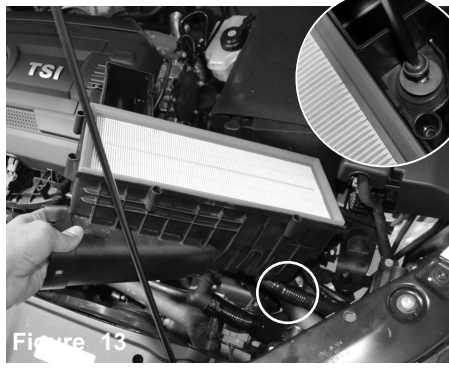


Figure 13
Loosen the bolt on the lower part of the airbox using T30 torx-bit. Carefully remove the lower part of the airbox out of vehicle including the drain line attached to the air box.



Figure 14
Remove complete stock turbo coupler and clamps shown above.

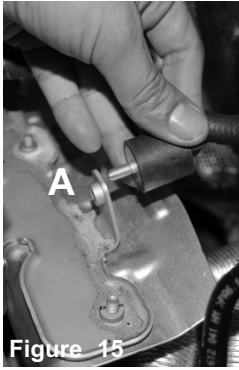
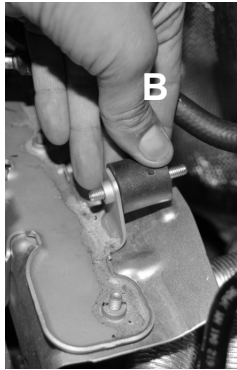


Figure 15

A) Locate the insert from step 10.
B) Secure the vibramount and tighten.



B

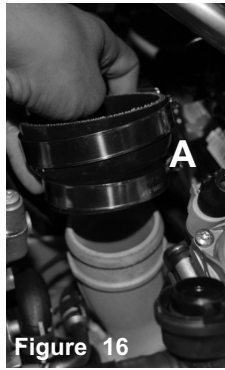
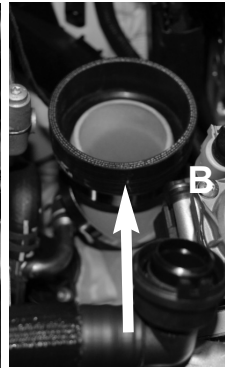


Figure 16

A) Install the step hose with clamps provided to the turbo.
B) tighten the clamp on the turbo side only.



B



Figure 17

Install the vinyl trim to the hole cut out on heat shield.

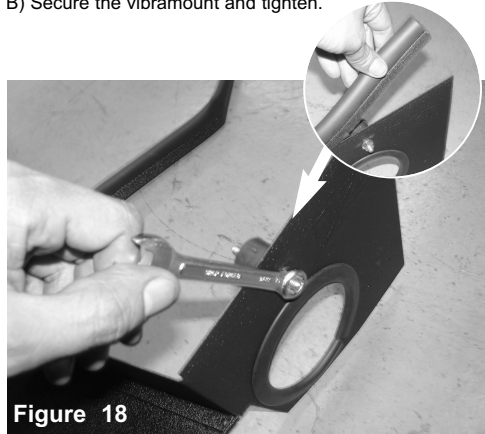


Figure 18

Install the vibramount to the heat shield and secure using provided M6 nut. Install the rubber trim seal to the top of the heat shield.

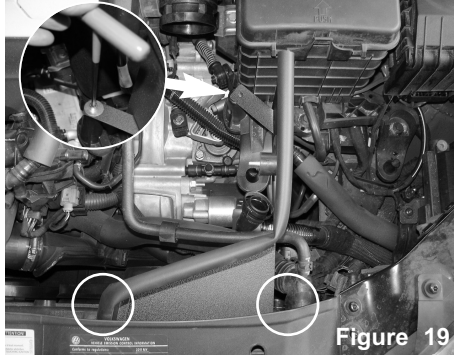


Figure 19

Now install the heat shield and position the tabs on heatshield to the factory ramscop from step 11. Secure using factory screws. Tighten the rear tab using provided M6 allen screw and fender washer.

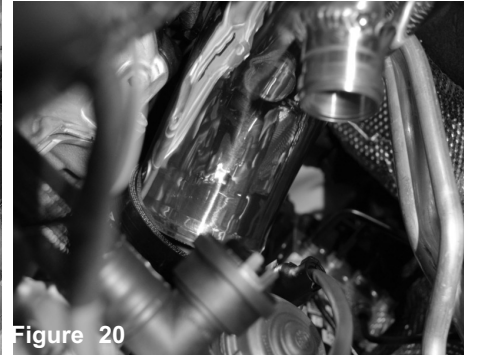


Figure 20

Install the intake tube into vehicle and position the tube to the step hose.

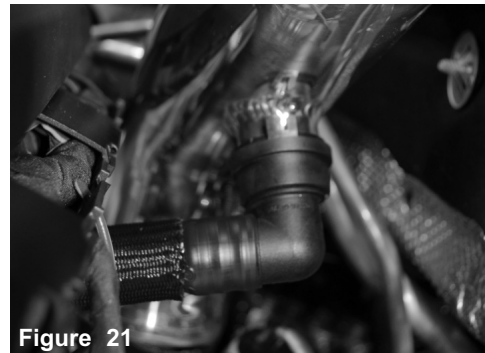


Figure 21

Connect the crankcase line to the fitting on intake tube. *NOTE: Some light lubrication on the inside will make for easy installation.*



Figure 22

Position the bracket on the intake tube to the vibramount. do not tighten



Figure 23

Install the 3" hump hose with clamps provided to the intake tube. Do not tighten.



Figure 24

Install the second intake tube assembly into vehicle. connect the 2 tubes using hump hose. Do not tighten.

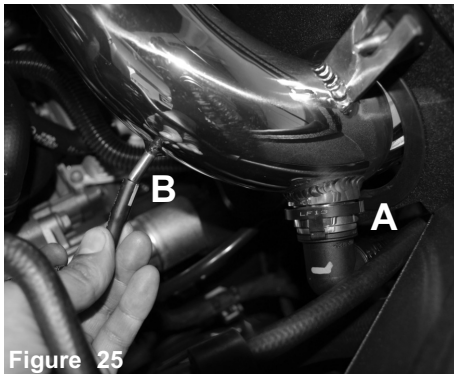


Figure 25

A) If equipped with smog pump, connect to the fitting on intake tube. if not equipped, use provided vinyl cap. B) Connect the factory vacuum line to the fitting on the intake tube.



Figure 26

Secure the tab using provided m6 nut and fender washer. Do not tighten.

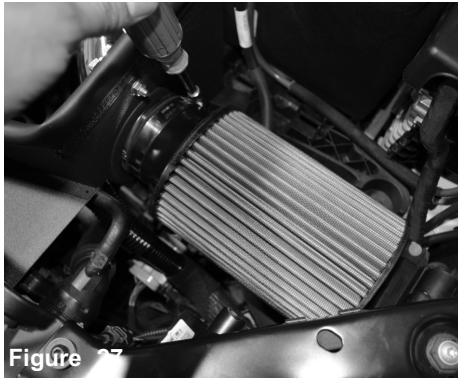


Figure 27
Install the air filter into vehicle and tighten using 8mm nut driver.



Figure 28
Position for best fit and tighten the clamps on the hump hose using 8mm nut driver.



Figure 29
Now tighten the vibramount on the heat shield using 10mm socket or wrench.

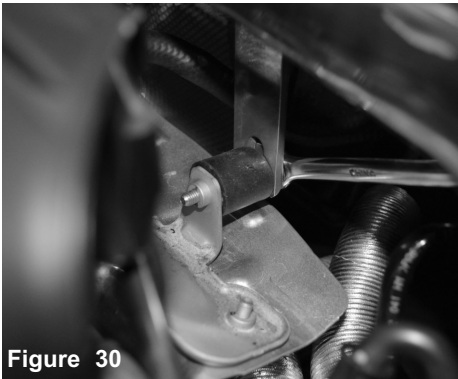


Figure 30
Tighten the remaining vibramount using 10mm socket or wrench.

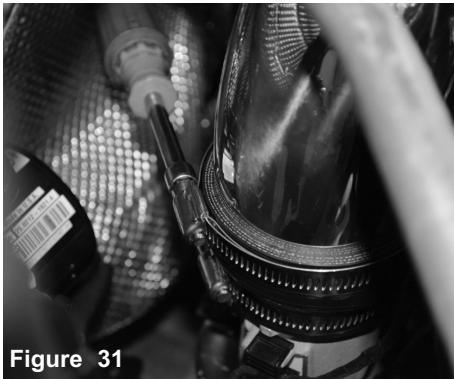


Figure 31
Now tighten the clamp on the turbo side using 8mm nut driver.



Figure 32
Re-install the engine cover if removed.



Figure 33
check all clearance and re-adjust if necessary.



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.