



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 SP3074

**2012 Volkswagen MK6 Golf R
2.0L TSI**

- 1- 1 pc. cold air intake equipped with **MR Tech and Air Fusion**
- 1- 3" Injen filter (#1011)
- 1- Front air scoop (#11063)
- 1- 2.5"x2.75" step hose (#3116)
- 1- Power Bands #048 (#4004)
- 1- Power Bands #040 (#4003)
- 2- M4 button head screw (#6047)
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nuts (#6002)
- 1- M6 washers (#6010)
- 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!"

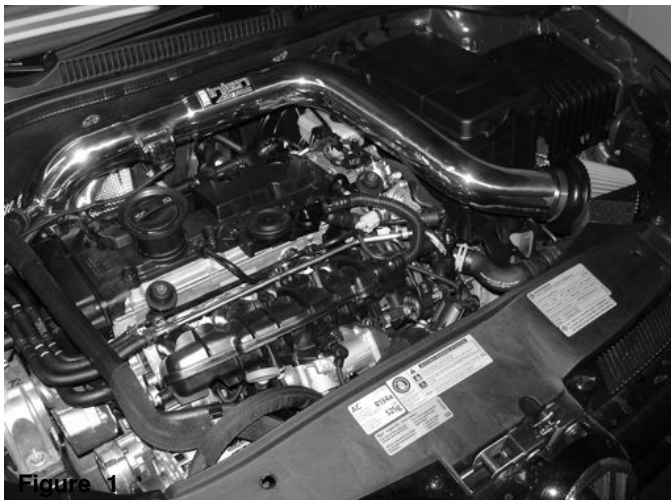


Figure 1



Figure 2



Figure 3
Stock box shown in this picture

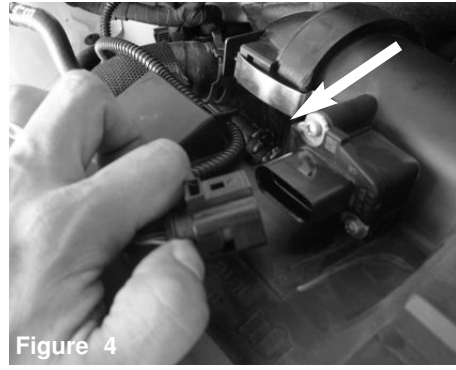


Figure 4
Disconnect MAF sensor harness and set aside.

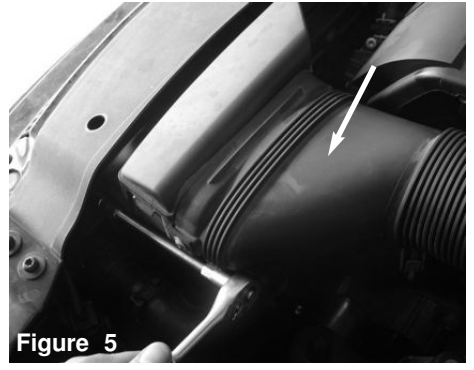


Figure 5
Loosen the 2 bolts holding in the Ram scoop, using T25 torx bit.

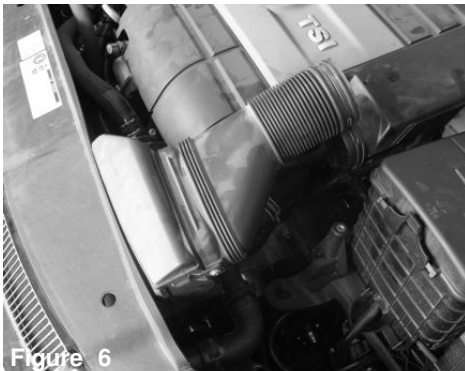


Figure 6
Pull out ram air assembly from vehicle.



Figure 7
Pull back the diverter tube from air box/engine cover.



Figure 8
With pliers, carefully pinch clamp and pull intake tube away from air box.



Figure 9
Pull back and set aside.



Figure 10
Un-clip the intake tube to from the air box/engine cover.



Figure 11
Lift up and remove the air box/engine cover from the vehicle.

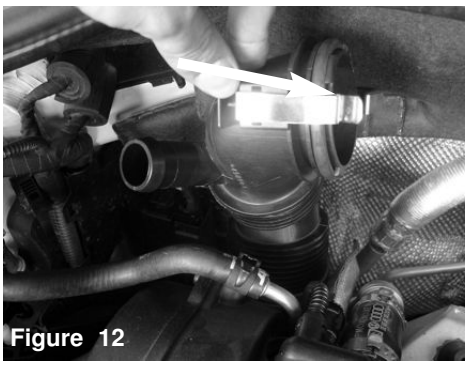


Figure 12
Pinch the clamp on the turbo and remove the intake tube.

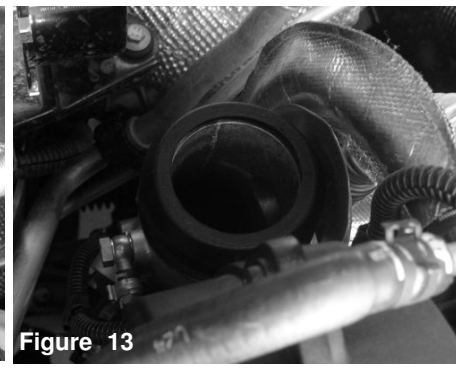


Figure 13
Remove the coupler if stuck on the turbo.

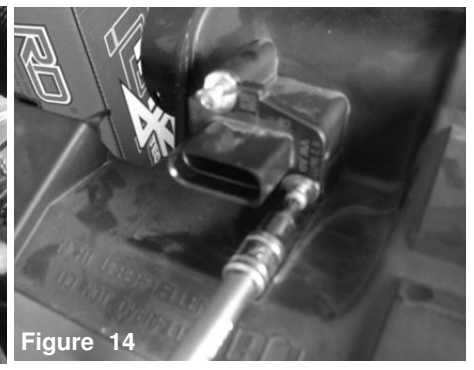


Figure 14
With T20 security bit loosen the 2 screws holding in the MAF sensor.

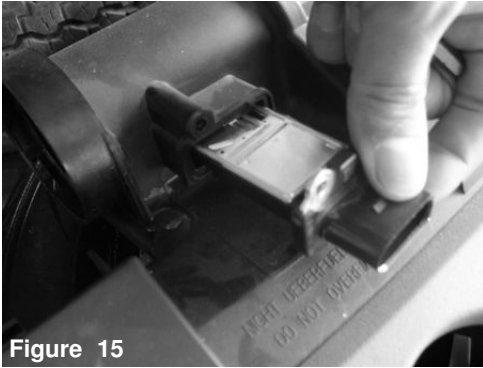


Figure 15
Remove MAF sensor.

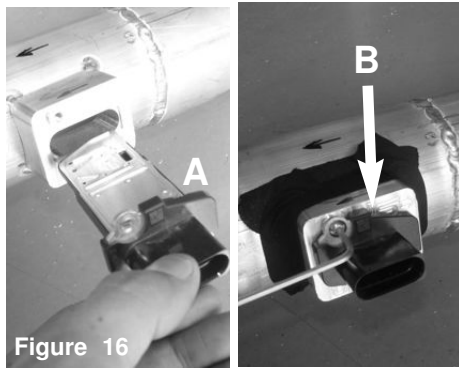


Figure 16
A) Install the MAF sensor into the the new intake system.
B) Secure the MAF sensor using provided M4 button head screws.



Figure 17
Install the step hose to the turbo with clamps Tighten the clamp on the turbo only using 8mm nut driver.



Figure 18
Install the vibra mount to the fitting.



Figure 19
Secure the vibra mount and tighten.



Figure 20
Install the intake tube into vehicle and position to turbo and bracket to vibra mount.

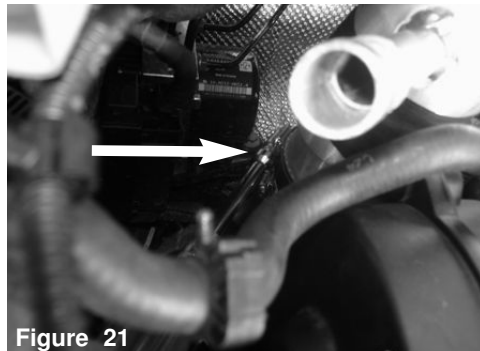


Figure 21
Tighten the remaining clamp on step hose using 8mm nut driver.



Figure 22
Secure the bracket on intake tube using provided M6 washer and nut.

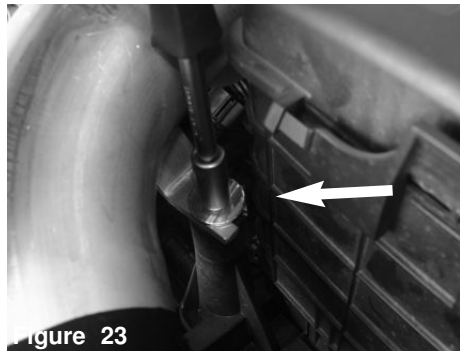


Figure 23
Tighten the nut using 10mm socket and ratchet.



Figure 24
Re--connect MAF sensor harness.

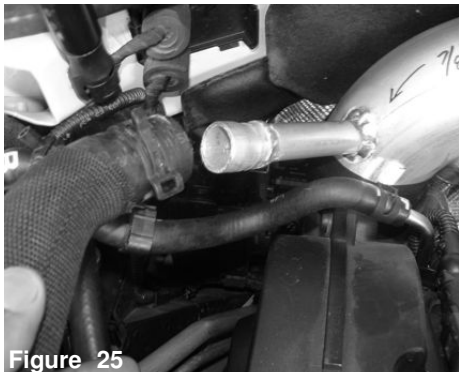


Figure 25
Attach the diverter valve hose to the fitting on the intake tube.



Figure 26
Secure the hose using the factory pinch clamp.

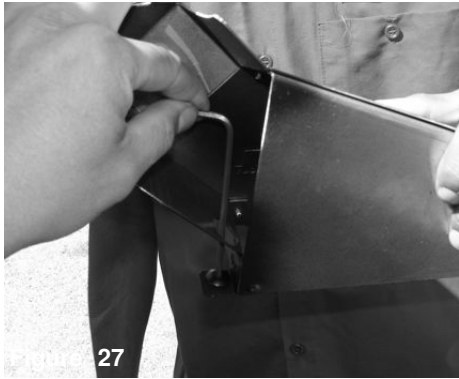


Figure 27 With screw, install and hold with torx key.

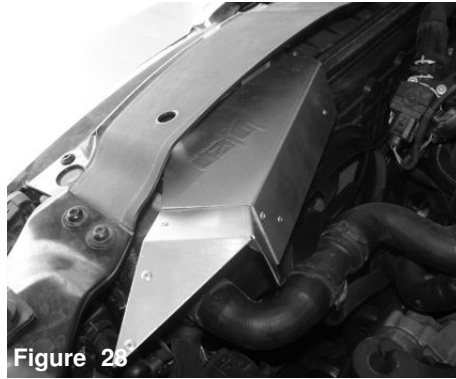


Figure 28 Install the power-ram.



Figure 29 Secure using remaining factory screw.



Figure 30 With adjustable torx snake, tighten both screws.

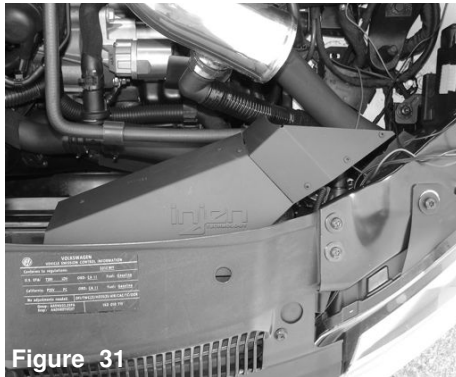


Figure 31 Make sure the power-ram is secure and tighten.

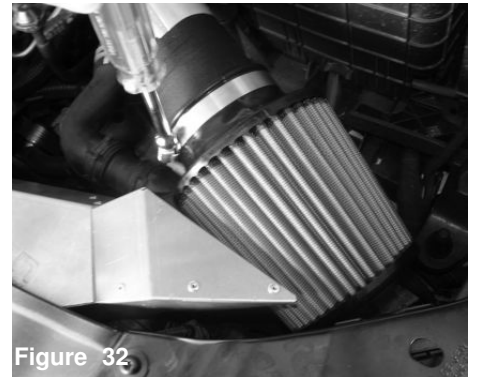


Figure 32 Install the filter and secure using 8mm nut driver.

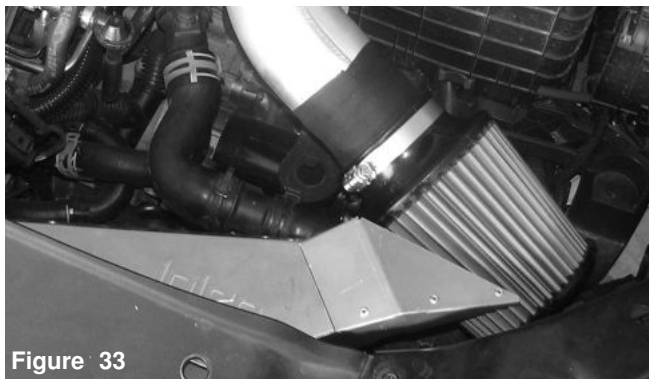


Figure 33 Image of the filter and power-ram unit.



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.