



**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 SP3078**  
**2015-2017 VW MK7 Golf , Golf GTI**  
**1.8T, 2.0L TSI**  
**Short Ram Intake System**

- 1- 1 Intake tube
- 1- 3" Large dry filter (#1058)
- 1- Heat shield (#11110)
- 1- Rubber trim@ 10 "L (#6058)
- 1- Rubber trim@ 9.5 "L (#6058)
- 1- Edge trim@ 4"L (#6094)
- 1- 2.75"x3.0" step hose (#3120)
- 1- Power Bands #048 (#4004)
- 1- Power Bands #044 (#4003)
- 3- Grommet (#6014)
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nuts (#6002)
- 1- 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.**



Figure 1

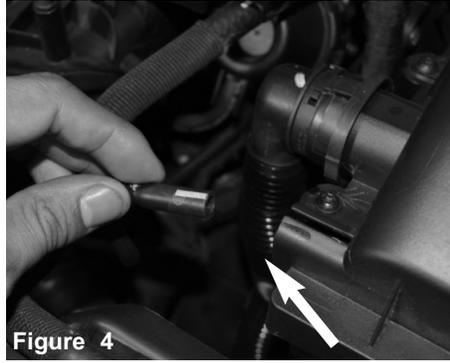
**MR Technology**  
**"The World's First Tuned air Intake System!"**  
**Factory safe air/fuel ratio's for Optimum performance**  
 Patent# 7,359,795  
 Now equipped with "Air Fusion" Patent pending  
**"At Injen Technology, we didn't copy the step down process, we invented it!"**



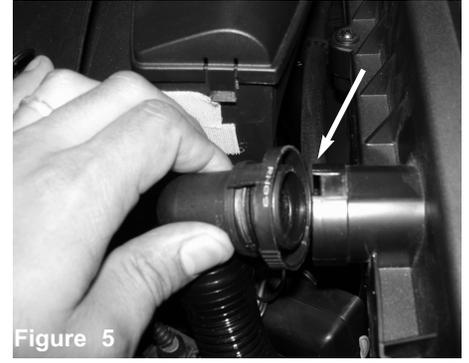
Figure 2



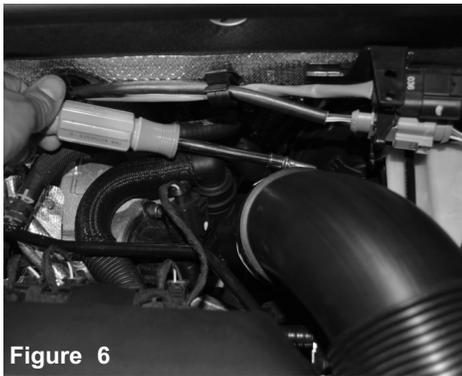
**Figure 3**  
Stock box shown in this picture, if desired remove the engine cover for easier installation.



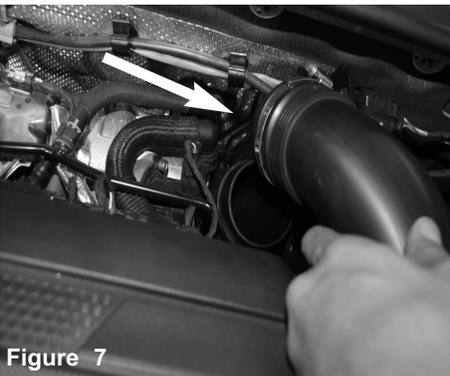
**Figure 4**  
Remove small vacuum line from the factory airbox.



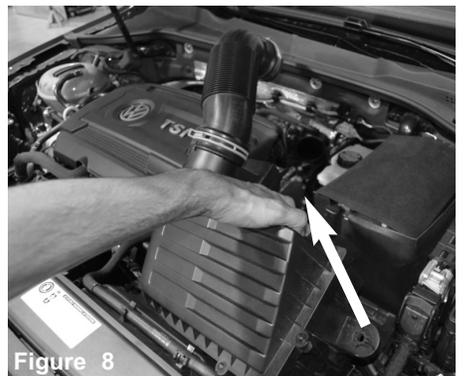
**Figure 5**  
Pinch the harness on smog pump and pull away from air box. (if equipped with smog pump)



**Figure 6**  
with 7mm nut driver, loosen the clamp on turbo housing.



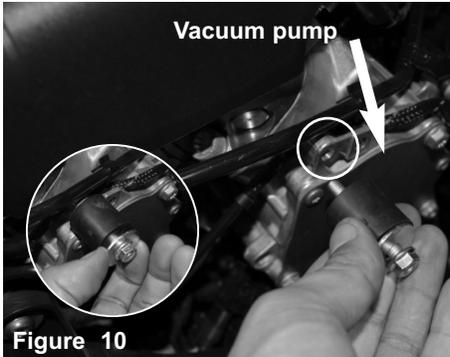
**Figure 7**  
Now lift up and remove the intake tube from the turbo housing.



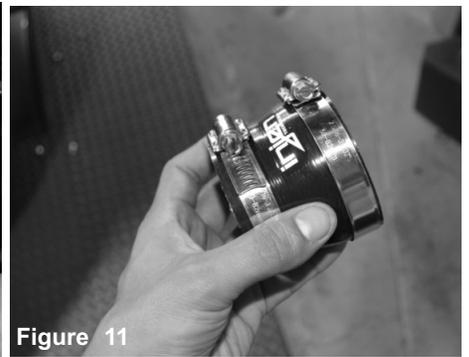
**Figure 8**  
Now lift up OEM intake tube assembly out of vehicle.



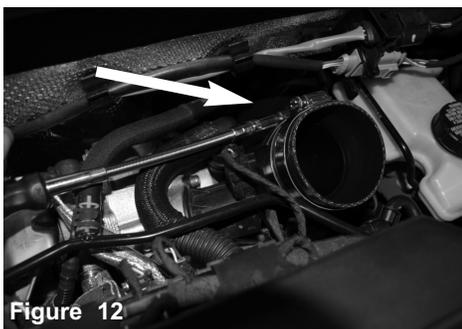
**Figure 9**  
Complete OEM intake assembly removed.



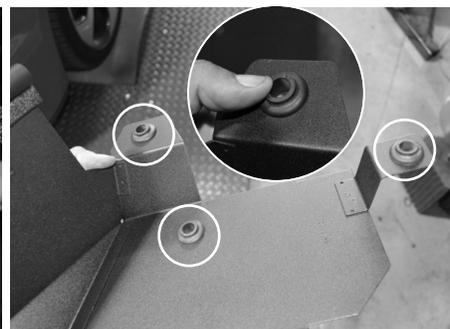
**Figure 10**  
Locate the vacuum pump assembly. Locate the threaded insert. Attach the provided M6 vibramount to the vacuum pump and secure and tighten.



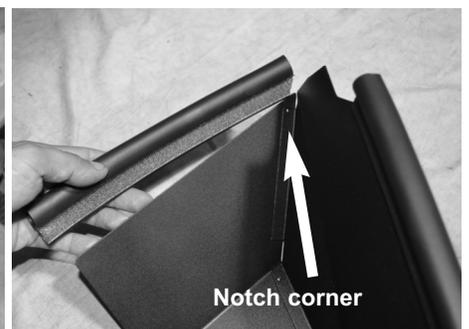
**Figure 11**  
With clamps provided, attach to the step hose.



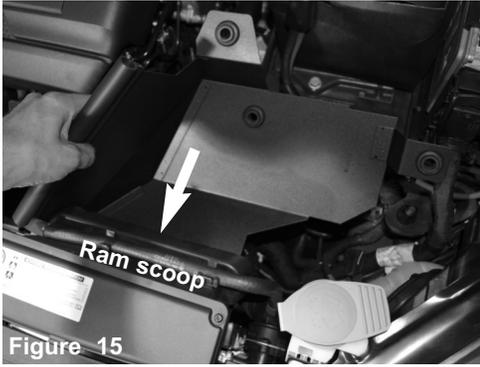
**Figure 12**  
Install the 2-3/4" side of the step hose to the turbo housing. Tighten the clamp on housing only using 8mm nut driver.



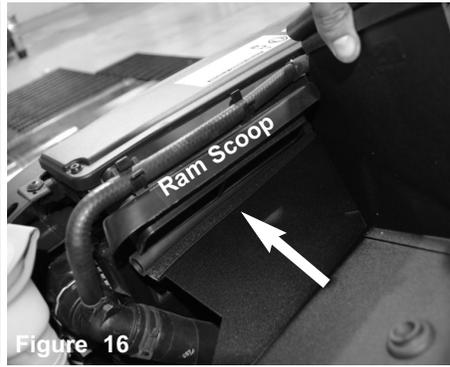
**Figure 13**  
Install the provided grommets to the holes in the heat shield. Make sure the tapered peak is facing up on heat shield.



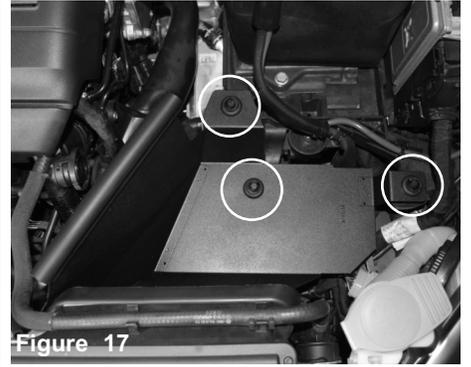
**Figure 14**  
Take the 9.5 rubber trim and install the the front of the heat shield. Notch an angle at end of rubber trim for cleaner installation.



**Figure 15**  
Install the heat shield into the vehicle.



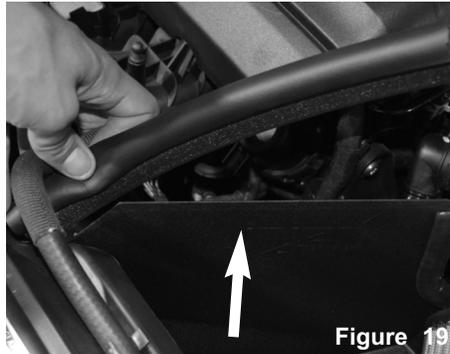
**Figure 16**  
Install the front side with rubber trim underneath the factory Ram scoop first. Position the grommets to the factory OEM air box fittings.



**Figure 17**  
Now position the heatshield and press the heatshield down allowing for the factory fitting to secure properly. For easy installation, use light lubricant on fittings.



**Figure 18**  
Install the 4" bulb edge trim to the side of the heat shield next to the bracket.



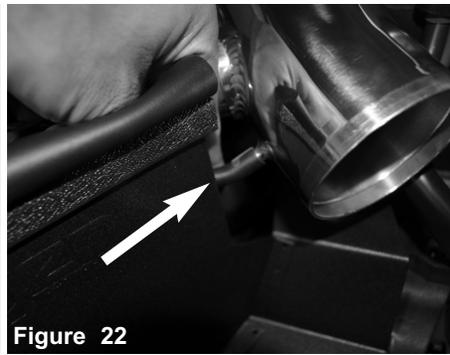
**Figure 19**  
Install the 10" rubber trim to the top of the heat shield.



**Figure 20**  
Install the intake tube into vehicle and position the tube to the step hose and bracket to the vibramount.



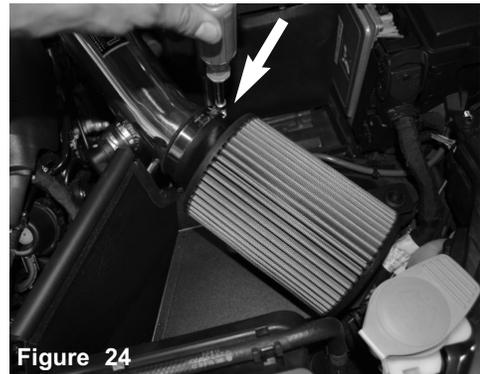
**Figure 21**  
Connect the smog pump line to the machined fitting on intake tube.



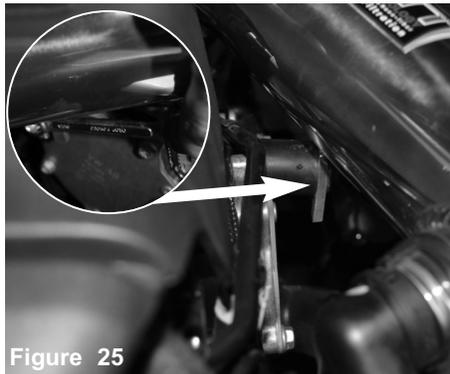
**Figure 22**  
Connect the factory vacuum line to the fitting on the intake tube.



**Figure 23**  
Install the filter to the intake tube.



**Figure 24**  
Tighten the clamp using a 8mm nut driver.



**Figure 25**  
Now secure the bracket using provided M6 nut and fender washer. Tighten and secure the bracket using 10mm wrench.



**Figure 26**  
Tighten the clamp on turbo housing using 8mm nut driver.



Figure 27

check all clearance and re-adjust if necessary.



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 (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.