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MR Technology Step down process:

- 1- Calibration Method for Air Intake Tracts for Internal Combustion Engines. 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 Published and patent pending
- 4- Tuning Method and Device for intake tracts having built-in Air Filter Horns patent pending

Injen is the first and only intake manufacturer that tunes and controls air/fuel ratios, short/long term fuel trim levels using the MR step down process, Air Fusion and built-in air intake horns.

Part number SP3027

2009 Volkswagen Golf 2.5L 5cyl.
2009-10 Volkswagen Jetta 2.5L 5 cyl.
(equipped with NO MAF sensor)

- 1- Intake pipe
- 1- 3.0" Filter (#1014)
- 1- 3.00" straight hose (#3044)
- 2- medium clamps (.362) .048 (#4004)
- 2- M8 flange nut (#6017)
- 2- 1/4" washer (#6011)
- 1- M8 Vibra- mount (#6062)
- 1- Instruction (3 Pages)

Tools required:

- 1- 8mm nut driver
- 1- T20 screw driver
- 1- 12mm wrench
- 1- channel lock Pliers

Congratulations! You have just purchased the best engineered, dyno-proven Power-Flow 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: The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. It is recommended that this system be installed by a professional mechanic. Be sure to disconnect the negative terminal before proceeding.

Congratulations! You have just purchased the worlds first tuned intake system.

M.R. Technology, Leading the way Patent# 7,359,795



Figure 1



Figure 2



Figure 3
Picture of factory air intake system

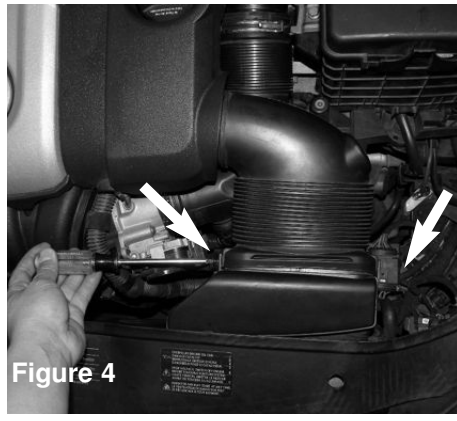


Figure 4
Use a T20 torx screw driver and remove the two torx screws holding the front air box inlet.

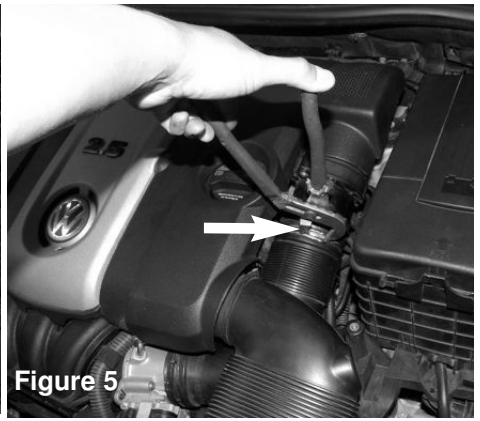


Figure 5
Use a channel lock plier to loosen the pressure clamp on the air air box



Figure 6
With the pressure clamp loose pull the air duct off the air box



Figure 7
Firmly lift up on the air box/engine cover and remove from the engine bay

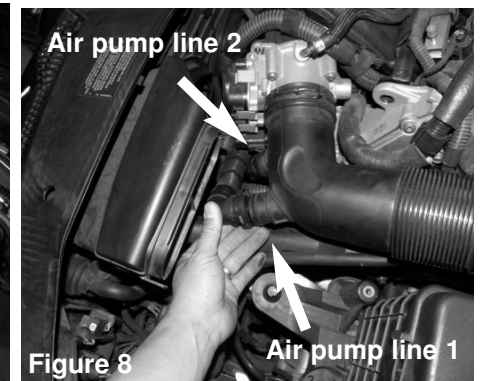


Figure 8
Locate the two air pump lines connect to the throttle body air duct. First disconnect the larger one by firmly pressing on the two release tabs and pulling out.

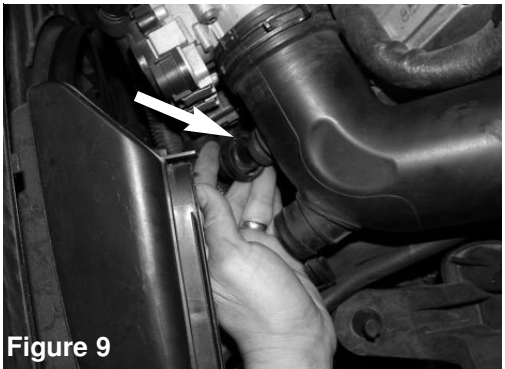


Figure 9
Now remove the second air pump line

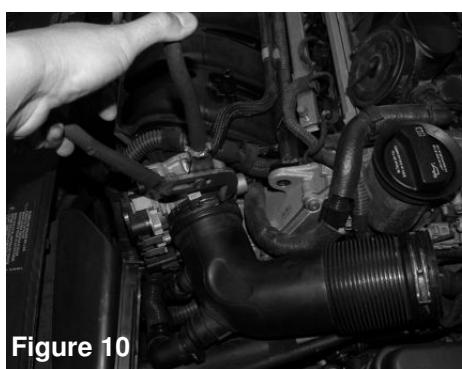


Figure 10
Use a channel lock plier to loosen the pressure clamp on the throttle body and remove the plastic air duct from the throttle body.

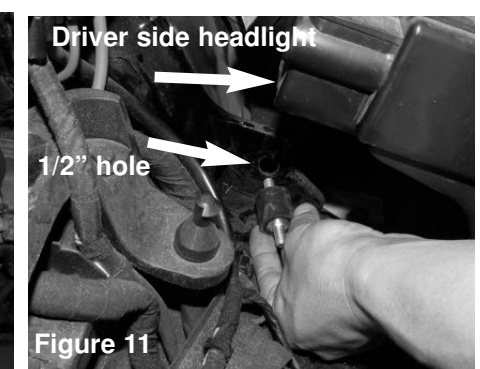


Figure 11
Place the M8 vibra mount into the 1/2" hole located on the frame under the driver side headlight. Use the headlight in the photo for reference. Use a 3/8" washer and M8 nut to secure the vibramount to the chassis



Figure 12
Vibramount shown mounted to chassis



Figure 13
Place the 3.00" straight hose and 2 48 clamps onto the throttle body



Figure 14
Drop the intake tube into the engine bay and put the filter end of the pipe into the bumper cavity under the driverside headlight. Position the other end into the 3.0" coupler on the throttle body



Figure 15

Reconnect the two air pump line to the Injen intake pipe. Make sure you hear it click into place or there might be a air leak if not secure

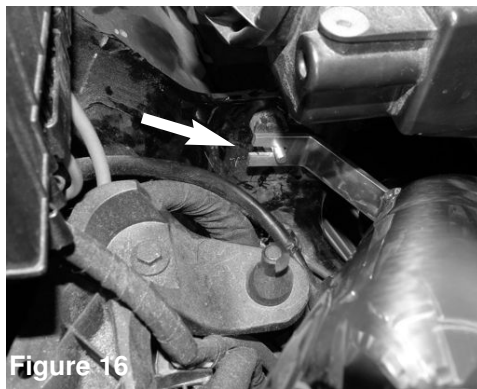


Figure 16

Align the intake bracket onto the vibramount placed on the chassis in figure 12



Figure 17

Position the intake tube for best possible fitment. Make sure the intake pipe doesnt interfeer or rub against any objects and then procede to tighten both clamps on the throttle body



Figure 18

Use a 12mm wrench and tighten the nut on the vibra-mount to secure the intake tube in figure 16



Figure 19

Jack the driver side up. Make sure you use the owners manual for the correct reference point to avoid damage to the frame

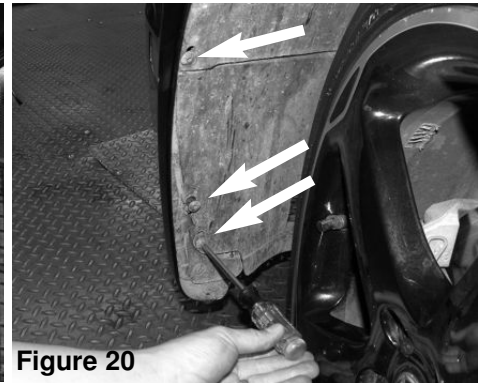


Figure 20

With the vehicle lifted, use a torx screw driver to remove the three torx screws from the drivers side wheel well cover



Figure 21

Pull back on the wheel well cover and place filter onto the intake pipe. Secure the filter by tightening the clamp.
NOTE: Some vehicle may require removing the driver side wheel due to larger wheel size to squeeze filter into the bumper cavity



Figure 22

Check the alignment and fitment of the entire Injen intake . Once you have check for possible air leaks, rubbing or rattling, continue to tighten all nuts, bolts and clamps.



Figure 23

Congratulations! You have just completed the installation of the World's first tuned intake system, the Power-Flow intake, featuring MR Technology. Periodically, check the system for fitment, this will enhance the life of your Power-Flow system.

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.