



Part number PF8052
 2003-08 Dodge Ram
 5.7L V8 Hemi

- 1- 2 piece Power-flow Intake system with "L" bracket (M-20091)
- 1- Web/nano fiber dry filter (#1021)
- 2- 3-1/2" straight hose (#3037)
- 4- Power-Band .056 .412 (#4005)
- 1- temp sensor grommet (#8002)
- 1- M6 vibra-mount (#6020)
- 2- M6 flange nut (#6002)
- 2- Fender washer (#6010)
- 1- m6 x 25mm hex bolt (#6006)
- 1- 4 page instruction

Note: All parts and accessories are sold on-line at **"injenonline.com"**

Note: The C.A.R.B. Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector.



Tools required:

- 1- 8mm nut driver
- 1- 8mm socket
- 1- 10mm socket
- 1- 13mm socket
- 1- ratchet
- 1- ratchet extension
- 1- set of allen wrenches



Figure 1



"The World's First Tuned air Intake System!"
 Factory safe air/fuel ratio's for Optimum performance
 Injens tuning process covered by three U.S. Patents

Congratulations! You have just purchased the best engineered, dyno-proven 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"

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

Note: Injen strongly recommends that this system be installed by a professional mechanic.



Figure 2



Figure 3
Stock engine compartment.

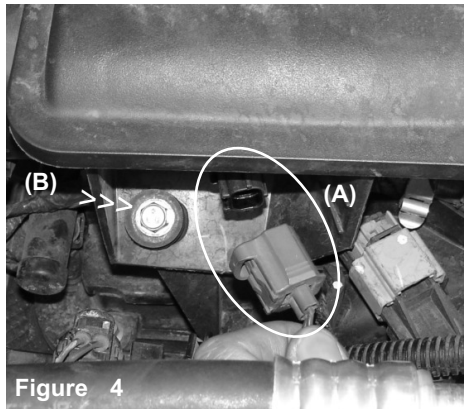


Figure 4
Disconnect the electrical harness clip from the air temperature sensor (A). The m8 bolt is also removed from the intake resonator top(B).



Figure 5
Loosen and remove the two front bolts that secures the intake resonator to the intake manifold.

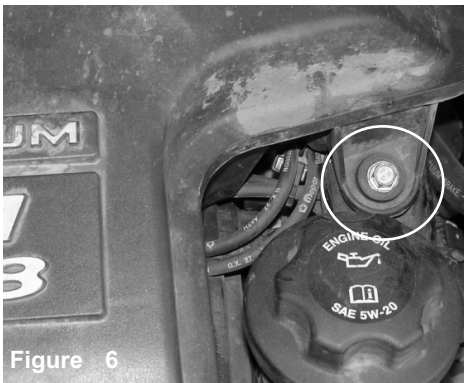


Figure 6
The second m8 bolt is removed from the air intake resonator located just above the oil cap.

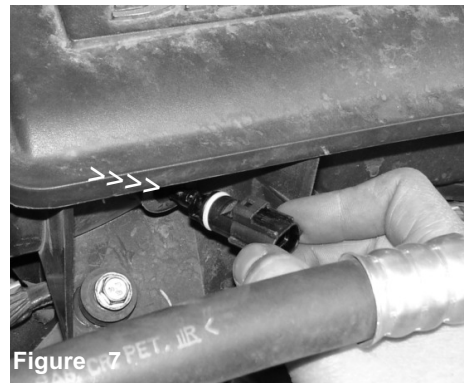


Figure 7
Turn the sensor 1/4 turn and gently pull the electrical air temp sensor from the air resonator grommet as shown above.



Figure 8
Remove the O-ring from the air temp sensor and set aside for now.

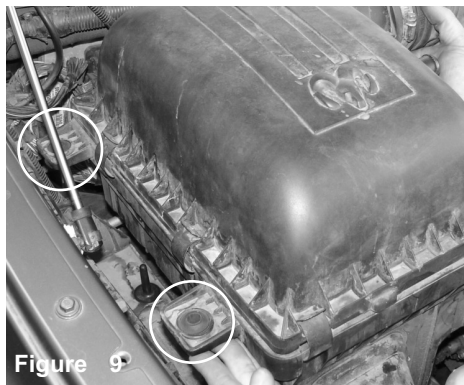


Figure 9
The grommets to the side of the air box cleaner is attached to the two pins on the air box brace. Gently, lift and pull the air box cleaner from the pins.

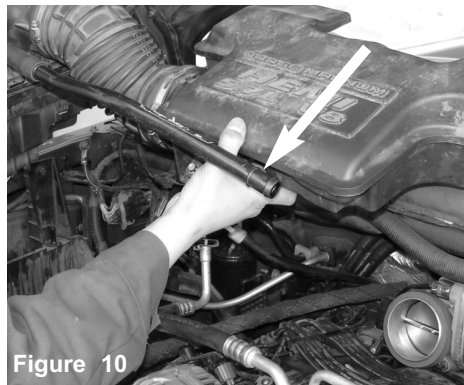


Figure 10
Once the air box has been lifted, continue to disconnect the crank case breather hose. **Late model trucks** has the breather hose connected to the air resonator.



Figure 11
Lift and pull the air intake resonator from the throttle body. Once the air resonator has been disconnected from the throttle body, pull the entire air box out.



Figure 12
Remove the sealing ring from the throttle body as shown above.



Figure 13
Press the new straight hose over the throttle body and use two power-bands. Tighten the power-band located over the throttle body for now.

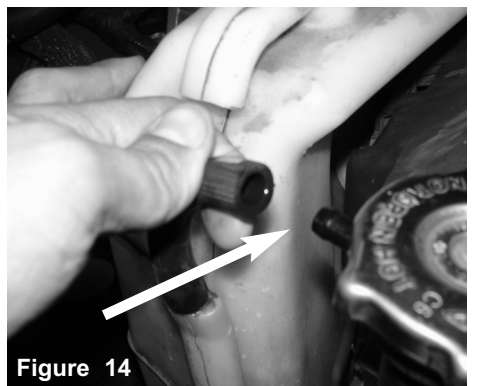


Figure 14
Pull back the coolant reservoir line, **NOTE: make sure the vehicle is cool.**

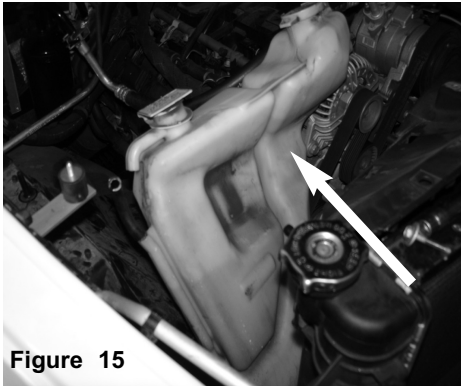


Figure 15

Loosen the 2 screws holding in the coolant reservoir bottle and lean back towards engine, this will allow for the filter installation.

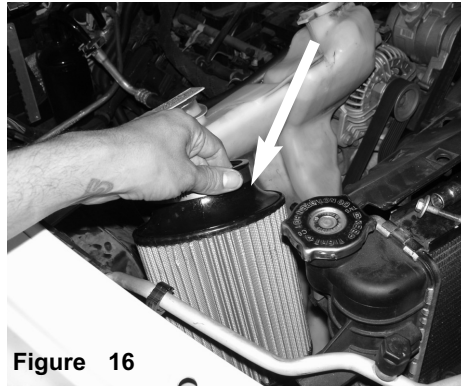


Figure 16

Install the filter next to radiator and position like image above.

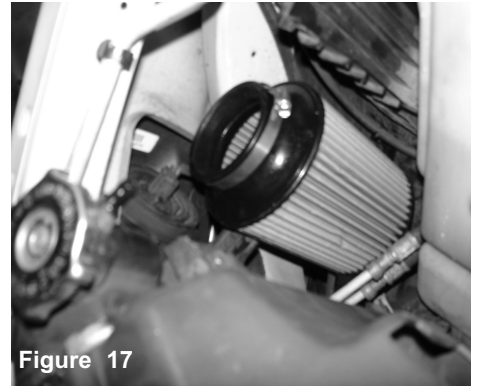


Figure 17

Position so it is easy to access the clamp when tightening to the intake tube. **Re-install the coolant bottle for the remaining installation steps.**

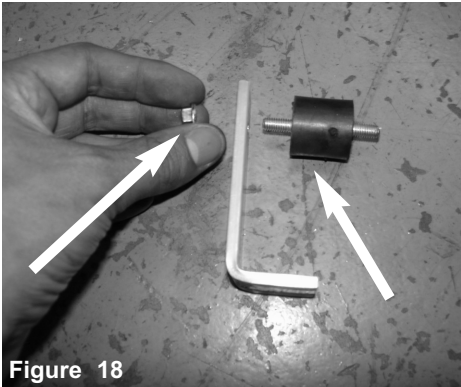


Figure 18

Attach the vibra mount to the hole on the longer side of the bracket and secure using provided M6 nut. Tighten using 10mm socket or wrench.



Figure 19

Loosen the bolt on the factory air box bracket located on the fender well using 13mm socket or wrench. Install the new bracket and secure using the factory screw.

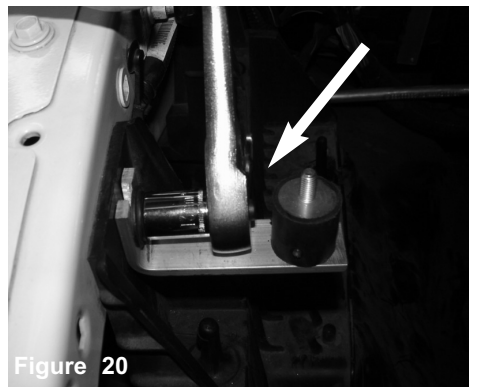


Figure 20

Position and tighten the bracket using 13mm socket.



Figure 21

Attach the other 3-1/2" straight hose with clamps to the end of the upper intake assembly.

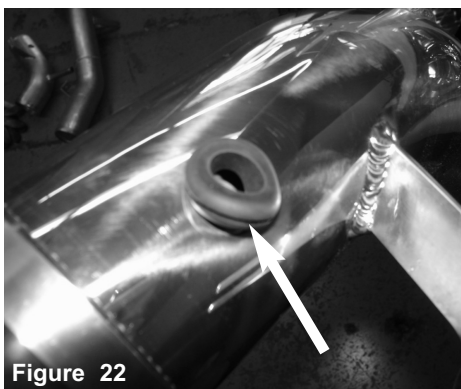


Figure 22

Attach the grommet to the hole cut out on the upper intake assembly tube, this will be used for the temperature sensor.



Figure 23

Install the upper intake assembly into the vehicle and position to throttle body and bracket to the engine



Figure 24

Install the M6 hex screw with flat washer and secure to the factory air box insert on engine.



Figure 25

Tighten the upper intake assembly using 10mm socket and extension.

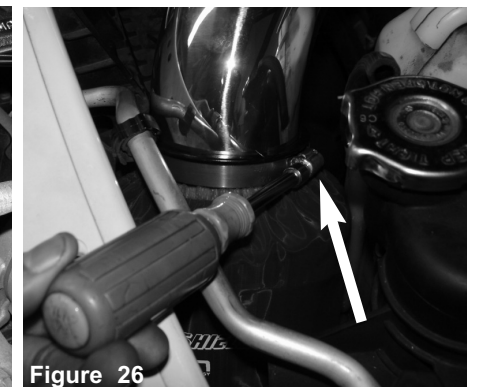


Figure 26

Install the lower intake assembly and attach the filter to the tube. Tighten using 8mm nut driver. **Note: may require an extra set of hands.**



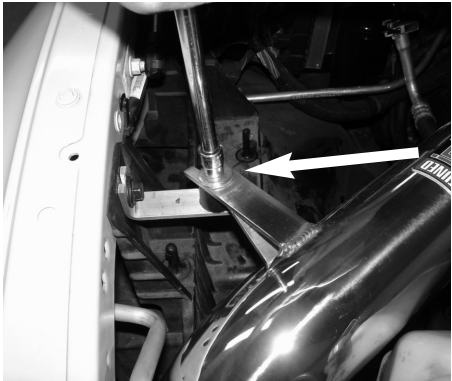
Position the lower intake assembly to the upper intake assembly.



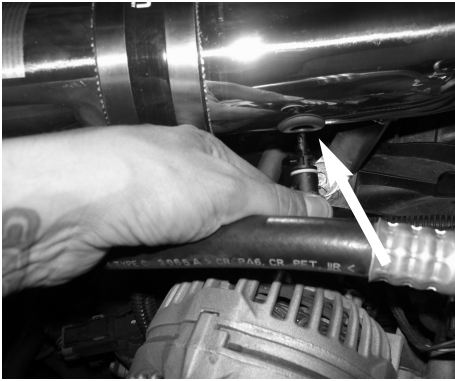
Secure the bracket to the vibra mount using M6 washer and nut.



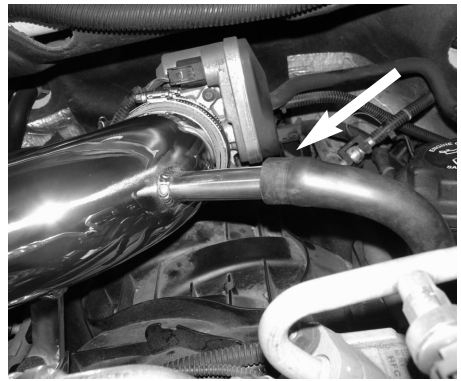
Position the intake for the best possible fit and clearance. Tighten all clamps using 8mm nut driver.



Now tighten the bracket using 10mm nut socket and ratchet.



Connect the temperature sensor and install into the gromet from step 22.



Connect the crank case line to the fitting on the intake tube and secure.



Check the entire air intake system for best possible fit, once proper clearance has been made through out the length of the intake, continue to tighten all nuts, bolts and clamps.



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, failure to do so 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.