



**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

**Part number PF8050**

**2003-08 Dodge Ram**

**5.7L V8 Hemi**

1- MR Tech Power-flow Intake system

1-Power-Flow Box- (PB375D-8) Contents:

- 1- 8" Inverted top filter (#1022)
- 1- Main body, top and screen (#15015)
- 1- 3.75" velocity stack inlet (#15017)
- 1- Rect. front pre-filter screen (#15018)
- 4- m6 x 20mm button head bolts (#6073)

1- Lower Powerbox bracket (#20108)

1- Upper Powerbox bracket (#20109)

1- M6 x 20mm button head bolts (#6073)

1- 3 1/2" x 3 3/4" step hose (#3133)

1- 3 1/2" straight hose (#3037)

1- Power-Band .064 .462 (#4006)

3- Power-Band .056 .412 (#4005)

1- Temp sensor grommet (#8026)

1- Bracket grommet (#8002)

1- 7 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.

**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"

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.**

**MR Technology, Leading the way!**

**POWER-FLOW: Air intake evolution**

**Power-Box contents:**



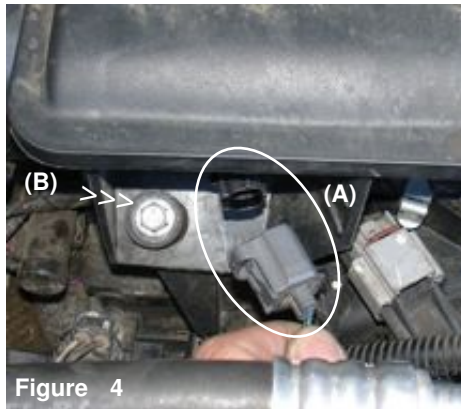
Figure 1



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**  
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.



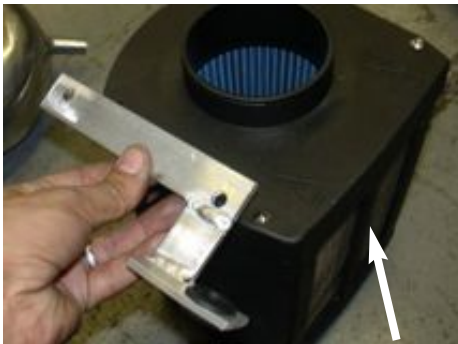
**Figure 12**  
Remove the sealing ring from the throttle body as shown above.



**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**  
Install the grommet to the hole on the bracket and secure.



**Figure 15** Filter screen side.

Locate the 2 holes on the lower bracket and position to the powerflow box. Loosen the 2 M6 button head screws and re-install to secure the bracket.



**Figure 16**

Secure the back of the powerflow box using 4mm allen key.



**Figure 17**

Attach the step hose to the flange on the powerflow box.



**Figure 18**

Loosen the 13mm bolt on factory air box bracket on the fender well located closes to the head light.



**Figure 19**

Install the powerflow box and locate the fitting and position the bracket to fitting.



**Figure 20**

Install the upper bracket to the insert from step 18.



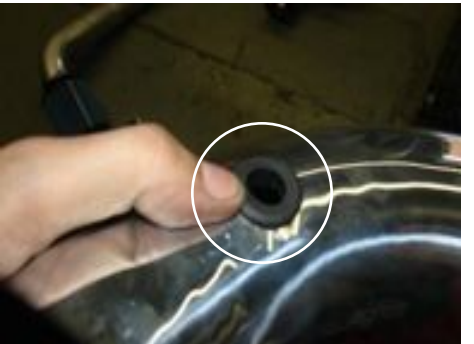
**Figure 21**

Position so the upper bracket locks itself on the to the plastic edges.



**Figure 22**

Now position the powerflow box to the bracket and secure,



**Figure 23**

Install the grommet to the hole on the intake tube. This will be used for the Temperature sensor.



**Figure 24**

Re-connect the temperature sensor and set for later install.



**Figure 25**

Install the intake tube and position the intake tube to the throttle body and powerflow box.



**Figure 26**

Position and tighten the clamps using 8mm nut driver.



**Figure 27**

Tighten the clamps on the powerflow box using 8mm nut driver.



**Figure 28**

Install the temperature sensor into grommet and secure.



**Figure 29**

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



**Figure 30**

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.



**Figure 31**

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.

### Assembly and disassembly instructions for the Power Box for the purpose of cleaning screens and filter.



Unbolt the four- m6 x 20mm screws from the velocity stack base located to the center of the base. Now separate the base from the velocity stack.



Loosen the clamp on the filter neck in order to separate the filter from the velocity stack.



The rectangular pre-filter screen is now slipped out of the channel along the body of the power box.

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.