



**Part number PF8051**  
**2009-13 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- 9"-15.9mm Vac. hose (#3080)
- 1- 7 page instruction

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

**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.

**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.**

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: See cleaning and maintenance instructions on last page.**

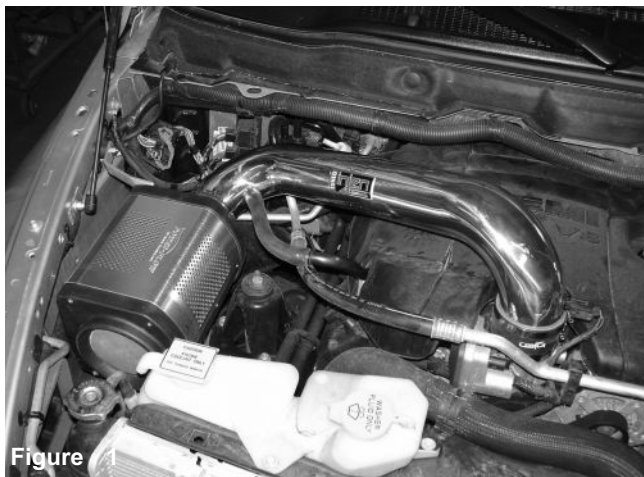
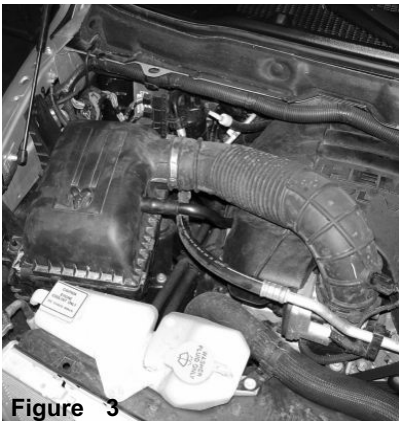


Figure 1



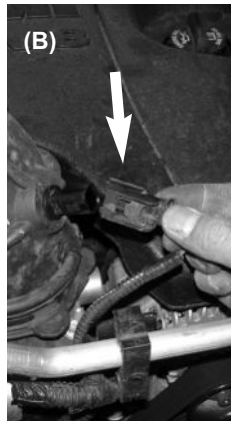
Figure 2



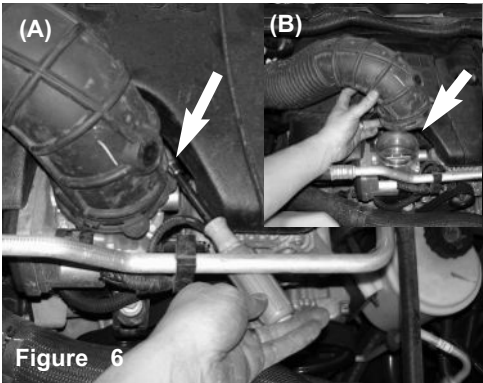
**Figure 3**  
Stock engine compartment and factory air box.



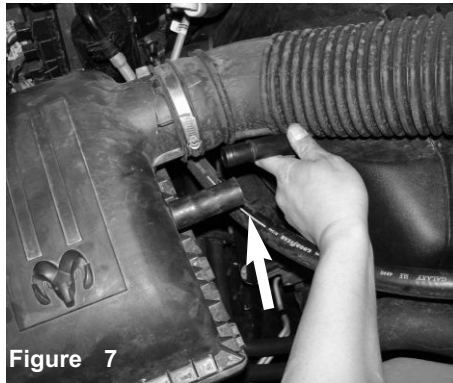
**Figure 4 (A)** Stock air temp sensor on factory air duct.  
**Figure (B)** Unclip harness from from air temp sensor.



**Figure 5 (A)** Air temp sensor with harness removed  
**Figure (B)** Firmly pull air temp sensor out of factory air duct. This sensor will be re-used later.



**Figure 6 (A)** Use a 8mm nut driver and loosen clamp on air duct connected to throttlebody.  
**Figure (B)** Pull air duct off of throttlebody



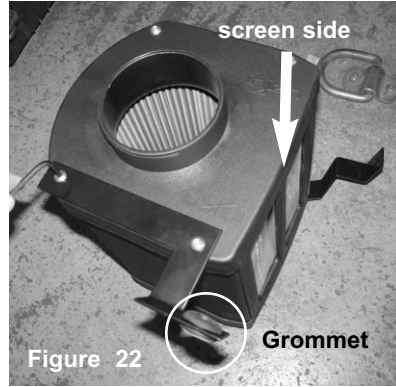
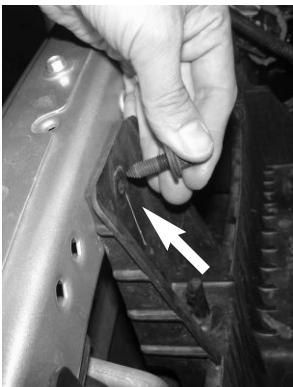
**Figure 7** Disconnect the crank case ventilation tube from the factory air box cleaner.



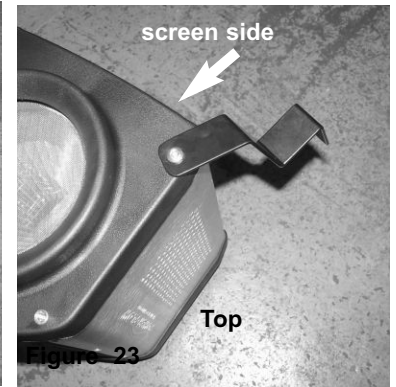
**Figure 8** Lift factory air box cleaner and pull entire air box and air duct assembly out of engine bay.



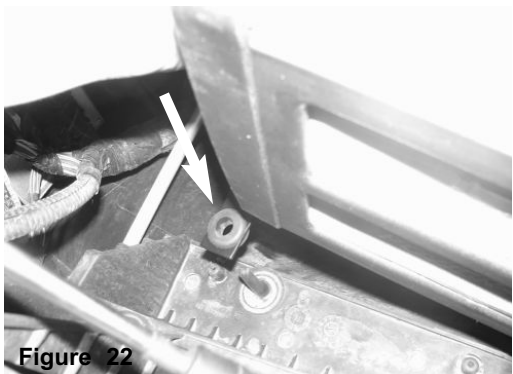
**Figure 8 (A)** Loosen the bolt holding in the air box plastic bracket closes to the headlight.  
**(B)** Remove the bolt and save for the bracket install.



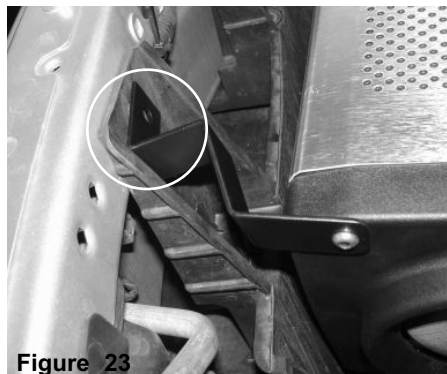
**Figure 22** Install the bracket p/n:x-20109 to the power-flow box. Make sure its install to the back side of the power flow box. Install grommet to the bracket hole.



**Figure 23** Now install the bracket p/n:20108 to the front of the powerflow box.



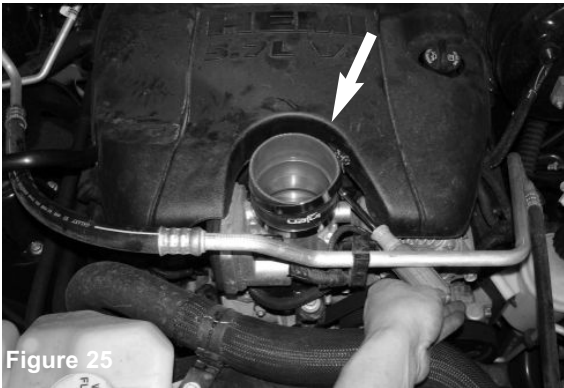
**Figure 22** Lower the entire air box assembly into the engine bay and place the grommet on bracket to the factory air box stud.



**Figure 23** Position the bracket to the hole from step 8. Secure the bracket using factory screw.

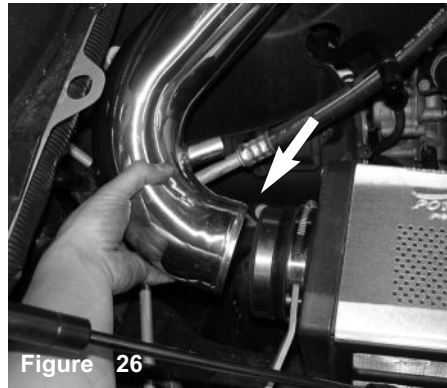


**Figure 24** Loosen the bolt on the powerflow box and tighten to re-position if necessary.



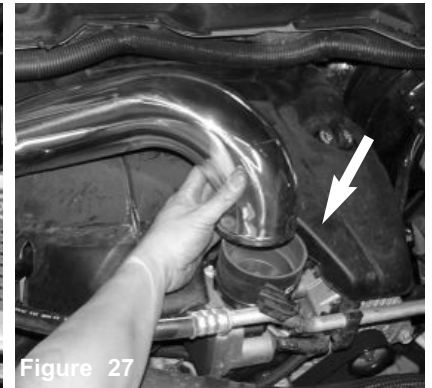
**Figure 25**

Install the 3-1/2" step hose with clamps provided to the throttle body.



**Figure 26**

Attach the step hose with clamps to the powerflow box. Now install the intake tube to the vehicle and position.



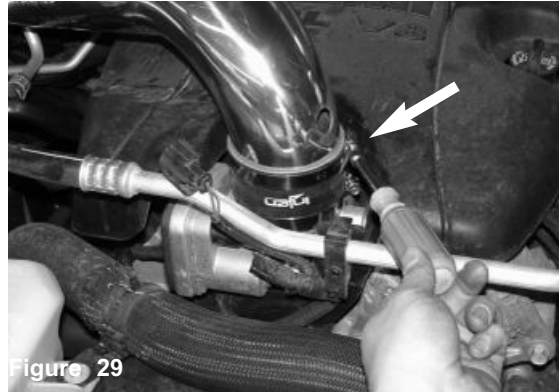
**Figure 27**

Insert the intake tube into throttle body hose. Do not tighten at this point.



**Figure 28**

Position Intake tube to proper fit and tighten clamp on power flow box using 8mm nut driver.



**Figure 29**

Tighten clamps on throttle body using 8mm nut driver.



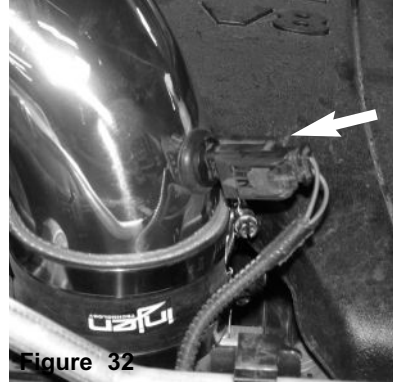
**Figure 30**

Install provided grommet to the 3/4" hole on intake tube.



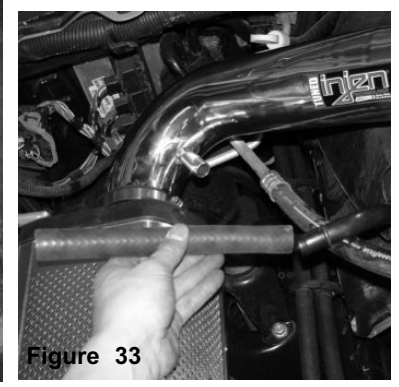
**Figure 31**

Insert the temperature sensor into grommet.



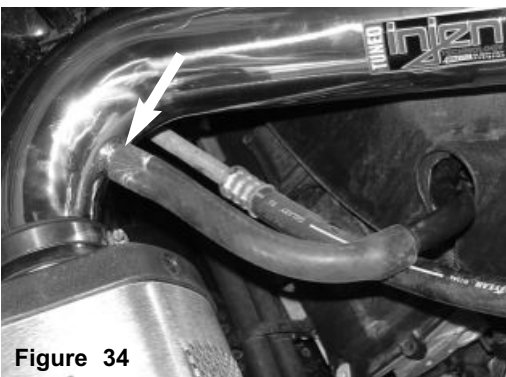
**Figure 32**

Re-connect electrical temperature sensor harness.



**Figure 33**

Install provided 15.9mm crank case line to crank case hard line.



**Figure 34**

Press the hose over the Intake vacuum port.



**Figure 37**

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.