



Part number PF5002
 2007-09 Jeep Wrangler JK
 3.8L V6

- 1- MR Tech Power-Flow intake system
Power-Flow- contents: **(PB375P-8)**
- 1- 8" inverted top Filter (A) (#1022)
 - 1- main body, top screen and(B) (#15015) skin plate
 - 1- 3 3/4" velocity stack inlet (C)(#15016)
 - 1- Rect. front pre-filter screen(D)(#15018)
 - 4- m6 x 12mm socket head (E) (#6073)
 - 1- Mounting bracket (F) (#20090)
- Kit bag:**
- 1- sensor grommet (G) (#8002)
 - 2- m6 x 12mm socket head (E) (#6073)
 - 1- 3 3/4" straight hose (#3036)
 - 1- 2 3/4" straight hose (#3043)
 - 2- Power-bands (.312) .040 (#4003)
 - 2- Power-bands (.412) .056 (#4005)
 - 1- 4 page instruction

Note: All parts and accessories are now 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.

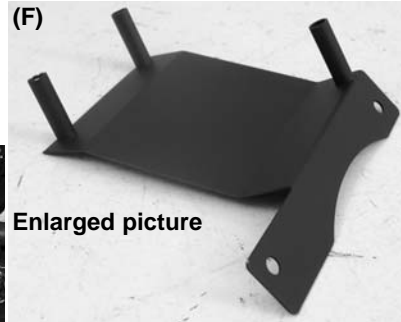
Injen Technology offers a limited lifetime warranty to the original purchaser against defects in materials and workmanship. Warranty claims must be handled through the dealer from which the item was purchased.

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"



Enlarged picture



figure 1

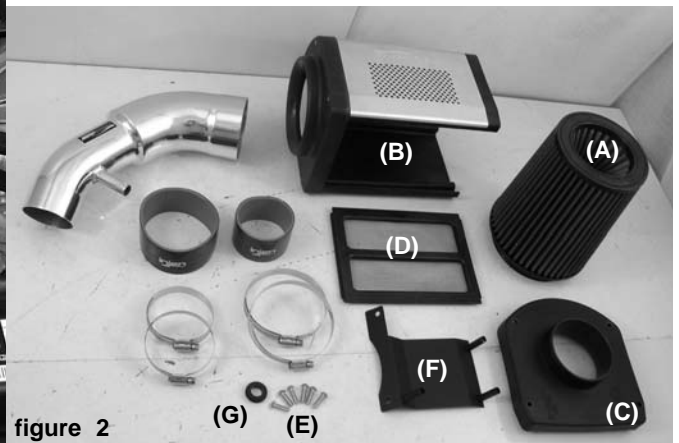


figure 2



figure 3
Stock air box and air duct to be removed.

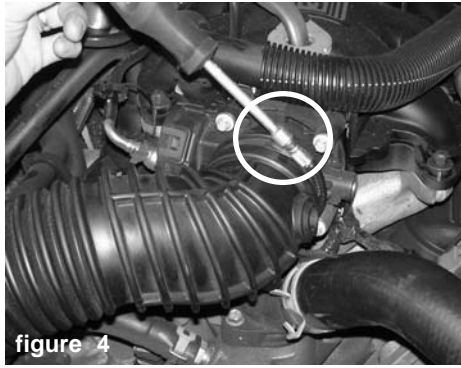


figure 4
Loosen the metal clamp that secures the air duct to the throttle body.

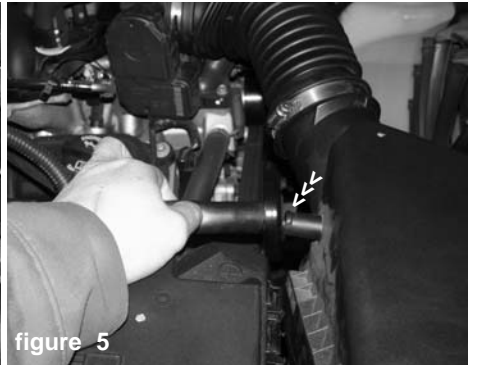


figure 5
Unplug the crank case breather hose from the air box vacuum port.

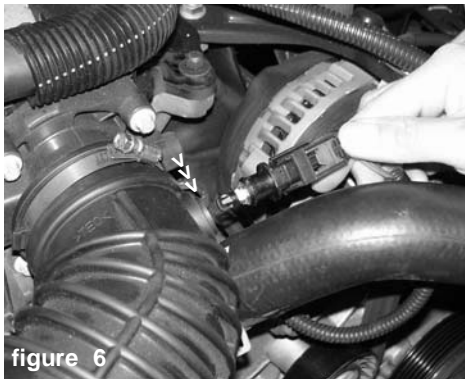


figure 6
Unplug the air temperature sensor from the air intake duct.



figure 7
Pull the air box cleaner up and out of the stock grommets.



figure 8
Pull the air duct away from the throttle body and out of the engine compartment.

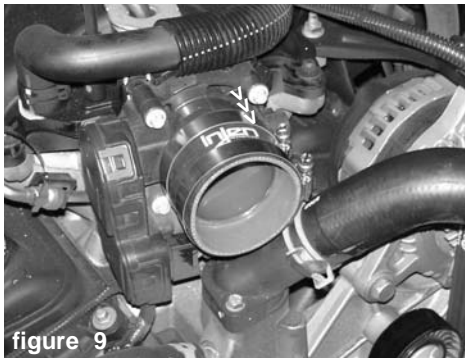


figure 9
Press the 2 3/4" straight hose over the throttle body and use two power clamps. Once the straight hose has been aligned, continue to tighten the clamp over the throttle body.

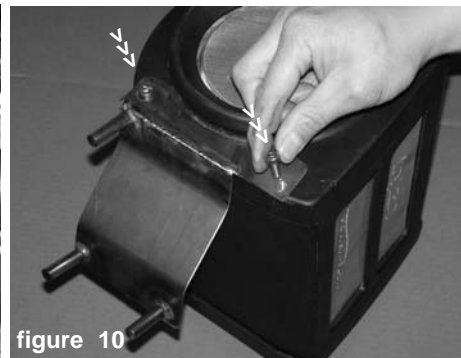


figure 10
The new mounting bracket is aligned to the two bolt holes as shown above. The bracket is placed towards the front of the power box. The two m6 bolts provided in this kit are used to fasten the bracket



figure 11
Use an allen wrench to tighten the allen head bolts.



figure 12
Once the bracket has been installed, continue to lower the entire power box in the engine compartment. The three metal pegs are aligned to the stock grommets and plugged into the grommets.
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figure 13
The three metal pegs are aligned and pressed into the stock grommets. The 3 3/4" straight hose is pressed over the velocity stack. Two power bands are used on the hose. The clamp on the velocity stack is now tightened.



figure 14
The air intake is now lowered into the engine compartment, the upper end is pressed into hose on the throttle body.



figure 15

The upper end of the intake is aligned and pressed into the straight hose. The lower end is now aligned to the power box.



figure 16

The lower end of the intake is now pressed into the 3/4" hose on the power box.



figure 17

The lower end of the intake is now aligned to the straight hose. The clamps are now semi-tightened for now.



figure 18

The sensor grommet is aligned to the 3/4" pre-drilled hole located on the air intake.



figure 19

The grommet is pressed into the 3/4" hole until the top grommet is sitting flush to the intake contour.

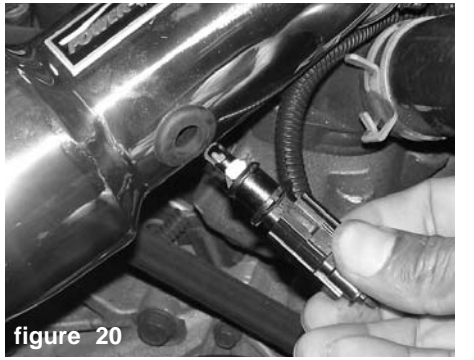


figure 20

The air temperature sensor is pressed into the new sensor grommet.



figure 21

The air temperature sensor is sitting flush over the new grommet.



figure 22

The crank case breather hose is aligned and pressed over the air intake vacuum port.



figure 23

The crank case breather hose is now firmly pressed over the air intake vacuum port.



figure 24

The entire intake system is aligned for best fit. Once it has been aligned, continue to tighten the clamps.



figure 25

The throttle body clamps are now tightened.



figure 26

All vacuums lines, sensor and hoses are now properly installed.



figure 27

Check the entire air intake system for any air leaks, rattling or any loose clamps and hoses before starting the engine. Once you have checked the entire system, start the engine and let it idle for 5 to 10 minutes. Allow the on-board computer to adjust to the added volume of air prior to driving.



figure 28

Periodically, check the entire air intake system for any possible movement. Normal wear and tear can cause clamps and hoses to loosen over time, periodic adjustments to the intake system will enhance the life of your intake and prevent your warranty to become null and void.

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.