



Part number PF9026

2004-08 Ford F-150 V8 5.4L 3V V8
 2006-08 Lincoln mark LT 5.4L 3V V8
 2005 Ford Expedition 5.4L V8

- 1- **MR Tech** Power-flow intake system
- 1- 3 1/2" 90 degree elbow (#3144)
- 1- 3 3/4" straight hose (#3036)
- 2- F-150 plug-in grommets (#6059)
- 1- 3 7/8" powerbox bracket (#20062)
- 1- 1/2" rubber bridge grommet (#6050)
- 1- **Power Box**- contents: **PB375D-8**
 - 1- 8" Inverted top filter (A) (#1022)
 - 1- Main body, top and screen (B) (#15015)
 - 1- 3.75" velocity stack inlet (C) (#15017)
 - 1- Rect. front pre-filter screen (D) (#15018)
 - 4- m6 x 20mm button head bolts (E) (6073)
- 4- Power-bands (.412) .056 (#4005)
- 1- m6 vibra-mount (#6020)
- 1- flange nut (#6002)
- 1- Fender washer (#6011)
- 1- 16" long 10mm breather hose (#3077)
- 1- 5 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.

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.

MR Technology, Leading the way!

Patent pending

POWER-FLOW: An air intake evolution

Power-Box contents:

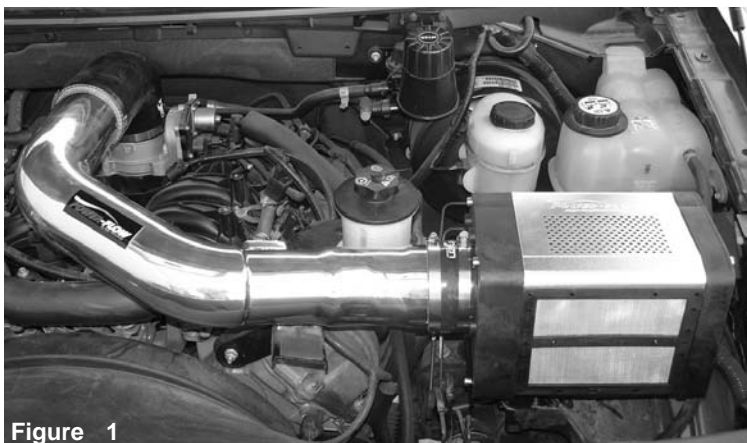


Figure 1

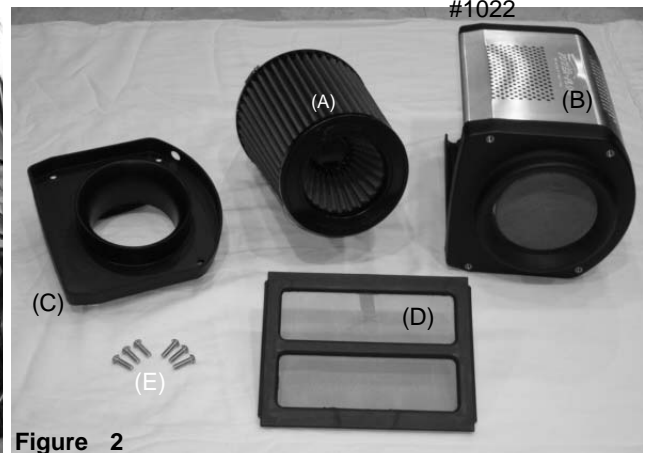
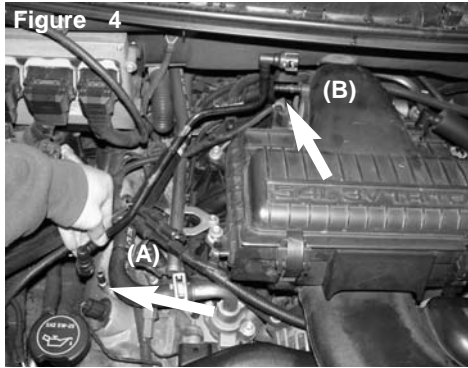


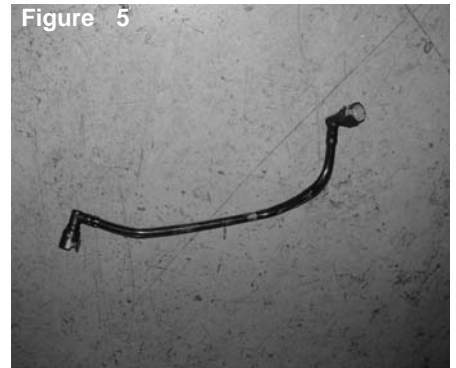
Figure 2



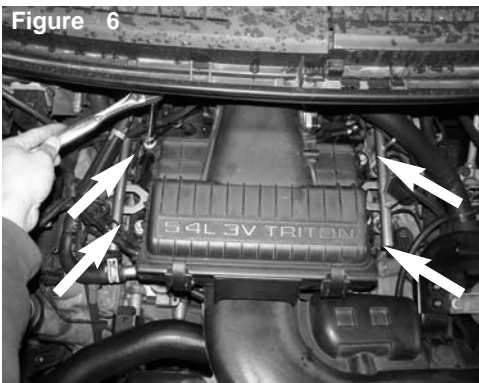
Remove the upper crank case breather line by pressing on green clip and pulling out.



Remove the crank case breather line connected to the valve cover. (A) vacuum line disconnected shown in figure 3. (B)



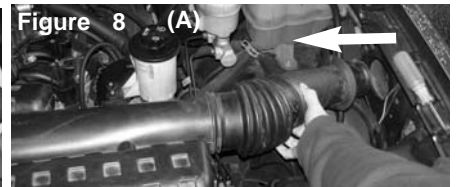
Entire crank case breather line is removed.



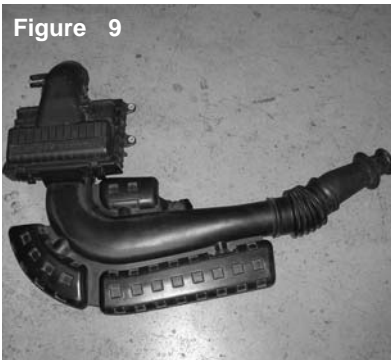
Use a 10mm socket with 3/8 ratchet and remove four 10mm bolts holding the air box cleaner to the intake manifold. Arrows indicating bolt locations



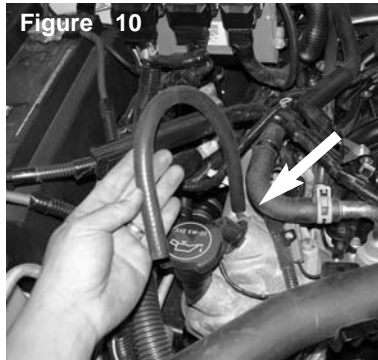
Remove bolt 10mm bolt mounting intake duct to engine.



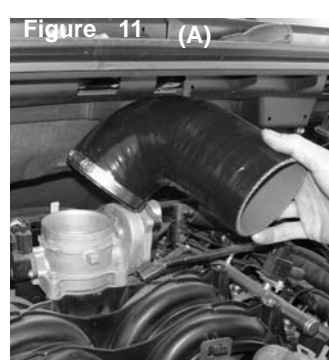
Pull the intake duct connected to the fender well to the left and pull out. (A) Remove entire air box cleaner assembly. (B)



Entire air box cleaner assembly removed.



Take the 16"-10mm vacuum hose and place it over the crank case port. The other end will be connected to the intake pipe later.



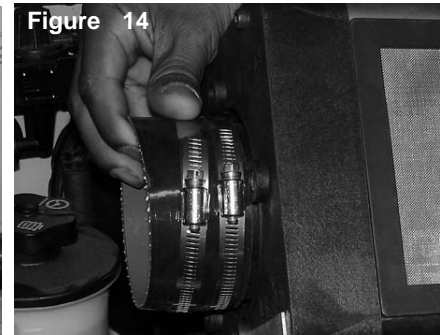
Take the 3 1/2" 90 degree elbow and two 056 clamps and insert short end of elbow over the throttle body. (Figure A) 90 degree hose shown on throttle body with both clamps loose. (Figure B)



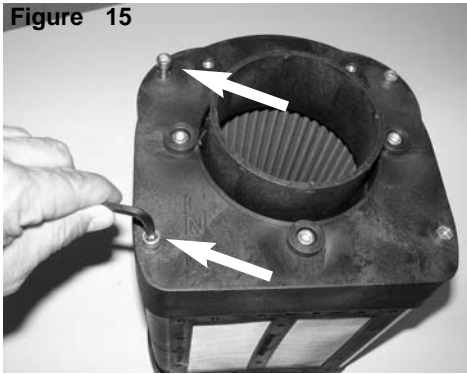
Screw the M6 vibra-mount on to the factory air box bracket (Figure A) Vibra-Mount mounted on to bracket. (Figure B)



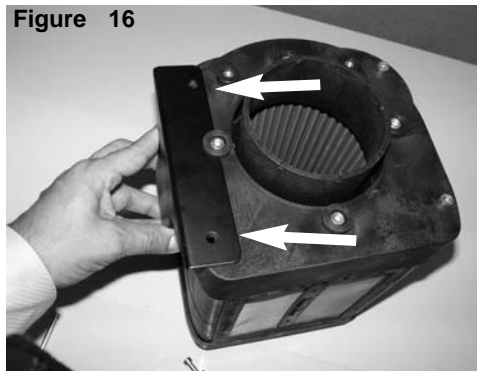
Remove the two screws that secure the MAF sensor to the stock air box and then remove the MAF sensor. (Figure A) Re-install the MAF sensor onto the machined adapter on the intake pipe. (Figure B)



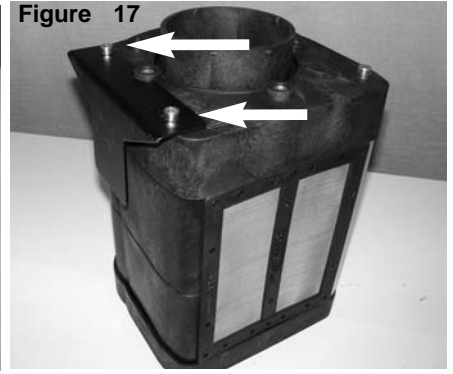
Take the 3 3/4" straight hose and press it over the Power-box velocity stack inlet port. Again, place two large clamps over each end of straight hose.



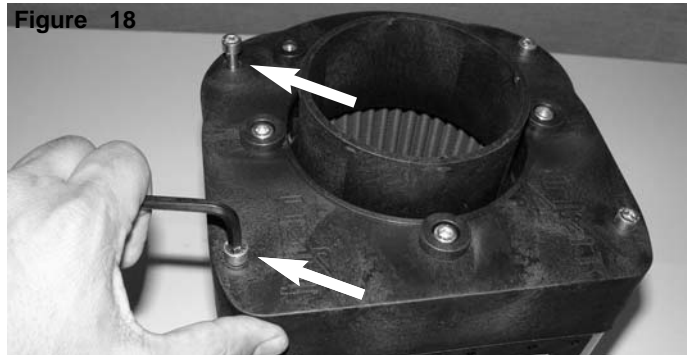
With the rectangular screen facing you, remove the 2 bolts on the left side of the Power-box as pictured above



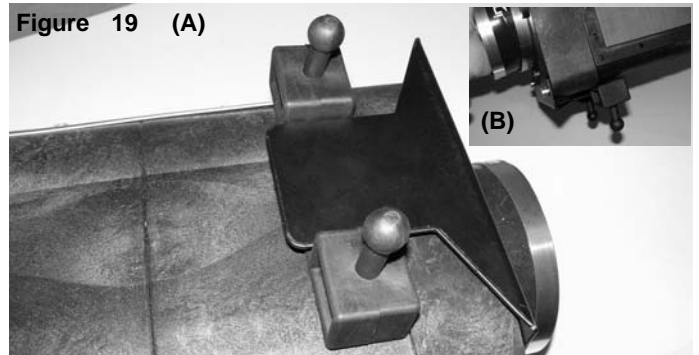
Take Power-Flow bracket and line it up to the bolt pattern on the box as shown above.



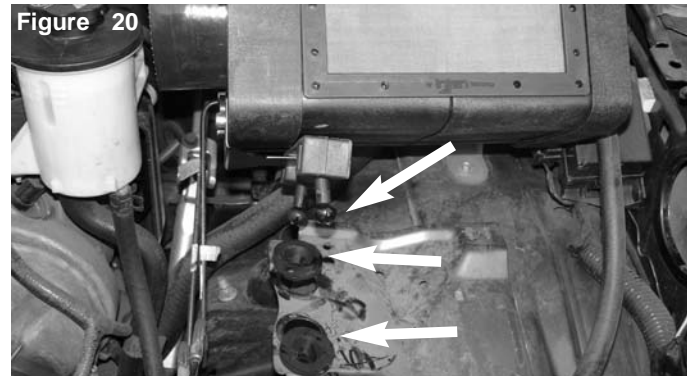
Re-install the 65mm bolts removed earlier and continue to bolt down bracket to the velocity stack base.



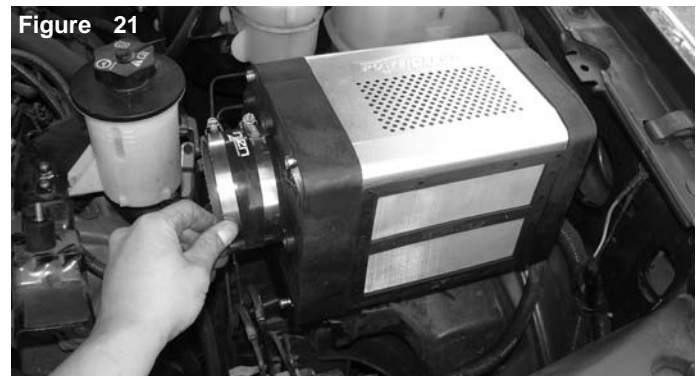
Insert the two 65mm bolts and screw into Power-box until they are fully tightened and the bracket is firmly secured.



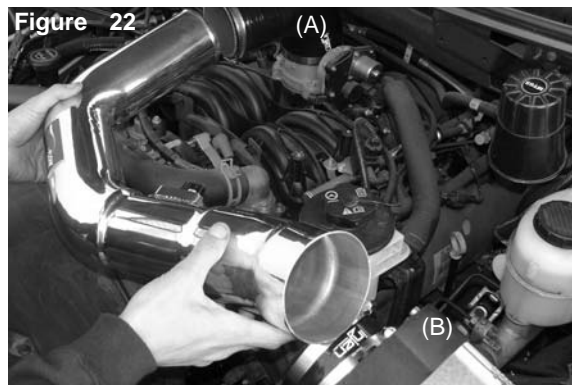
The one inch rubber bridge is placed under the bracket tongue as shown in this picture (A). Figure (B) illustrated how and where the bridge will be located under the Power-box prior to inserting into the grommets.



With the Power-box fully assembled, place intake box over the battery tray and press bridge prongs into the two grommets.



The Power-box is now firmly in place and ready for the installation of the intake tube.



Line up the Power-Flow intake and insert ends into the silicone hose on the throttle body (A) and into the hose on the power-box (B).



Press the 3/4" end of intake into the straight hose located on Power-box velocity stack.



Align intake bracket to the vibra-mount stud until in seats flush to the vibra-mount.

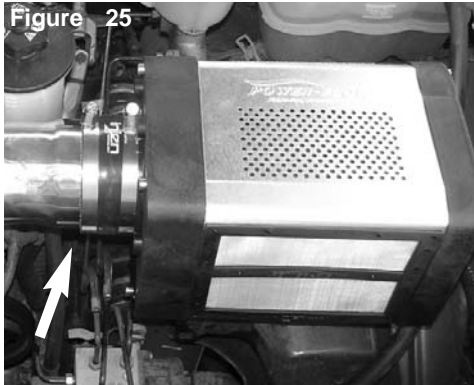


Figure 25
With the Power-Flow intake pressed into the Power-box hose, semi-tighten both clamps to hold the box and intake in place.

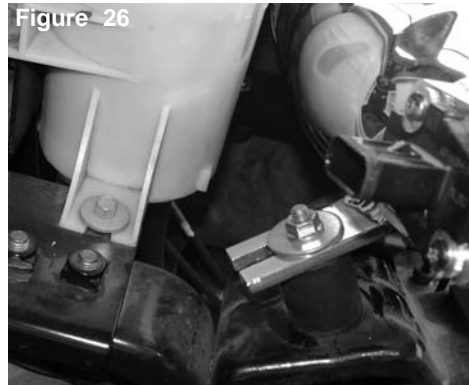


Figure 26
The m6 flange nut and fender washer are used to secure the intake bracket in place.

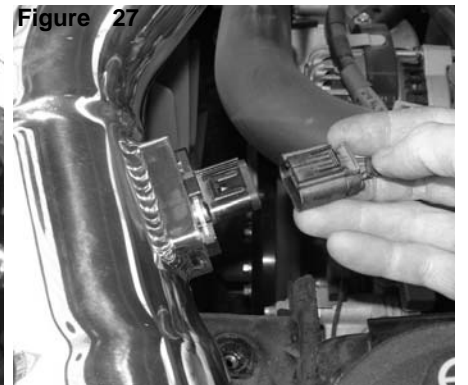


Figure 27
Locate harness clip and press over MAF sensor until you hear a click, which indicates a good connection.

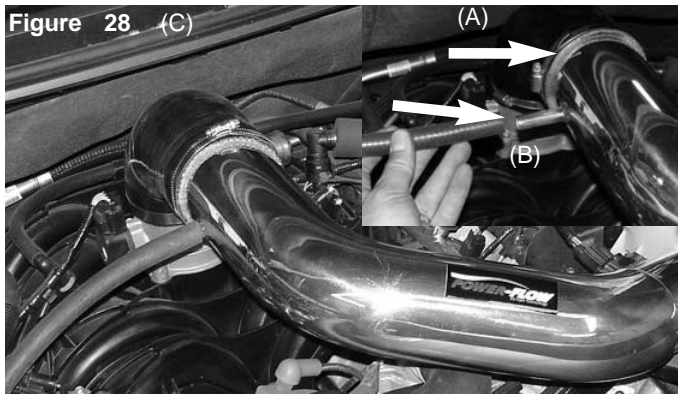


Figure 28 (C)
The remaining 16"- 10mm hose is pressed over the intake port (B) the intake track has been inserted into the 3 1/2" elbow and the clamp is tightened (A) A complete install of the intake is shown above and the vacuum hose is pressed over the 1/2" intake port (C).

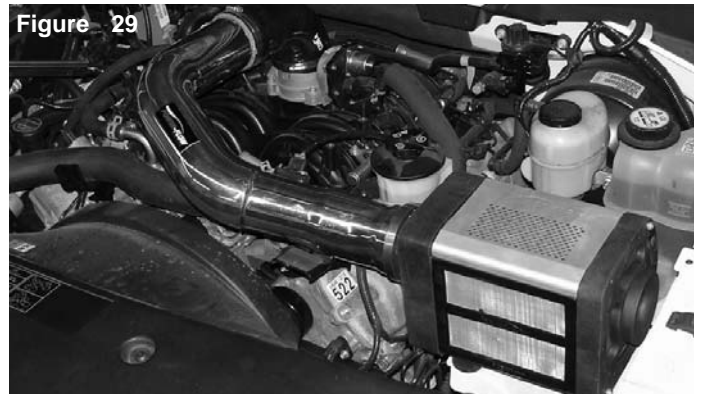


Figure 29
Congratulations! You have just completed the installation of this Power-Flow intake system. Periodically, check the fitment of the intake track and Power-box in order to avoid damage to the intake system that could void the warranty.



Figure 30
You have purchased the Worlds first tuned intake system available anywhere. The Power-Flow intake system features Injen's patent pending MR Technology used to tune the intake and Power-Flow box. With Power-Flow, calibrating of the MAF sensor is not required because the intake system comes tuned for use.

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



Here are the four-m6 x 20mm bolts that will be removed from the velocity stack base located on the corners of the base.



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.



The four m6 x m20 bolts have been removed from the top of the velocity stack,



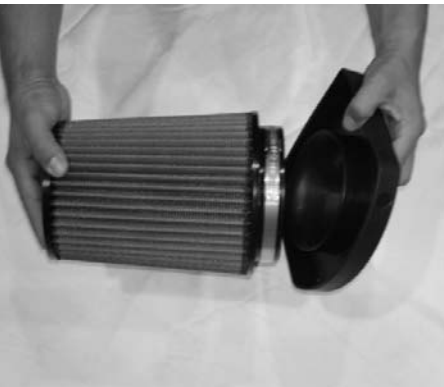
Pull the velocity stack base with the filter that is attached to the velocity stack.



The velocity stack with filter is now out of the power box body.



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



Once you have loosened the filter neck clamp, continue to pull 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.



Here is a group shot of the components that goes into the power-box. The filter and screens can now be cleaned with a simple shop-vac.

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.