



Part number PF9016

- 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- **Heat shield** (#11073)
- 1- Inverted Web/Nano Fiber Filter (#1022)
- 1- 3-3/4" velocity adaptor (#6049)
- 1- 3 1/2" 90 degree elbow (#3144)
- 1- 3 3/4" straight hose (#3036)
- 1- Rubber trim @ 12" Long (#6058)
- 4- Power-bands (.412) .056 (#4005)
- 1- M6 vibra-mount (#6020)
- 2- M6 stand off stud (#15023)
- 3- flange nut (#6002)
- 2- M4 button head screws (#6047)
- 4- M6 stainless screws (#6083)
- 3- 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-Flow contents:



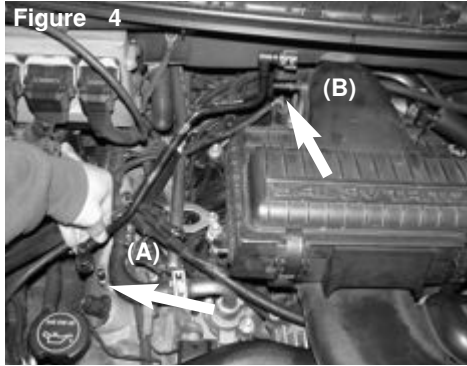
Figure 1



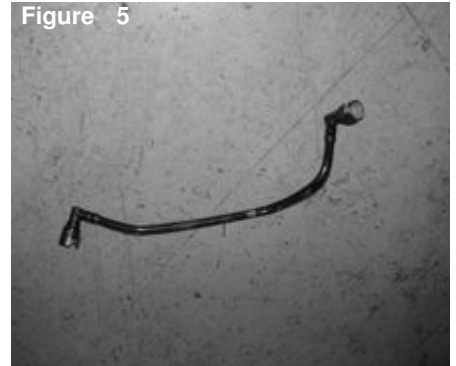
Figure 2



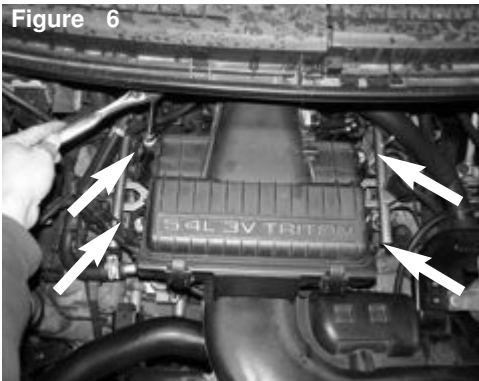
Remove the upper crank case breather line by pressing on green clip and pulling out.



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



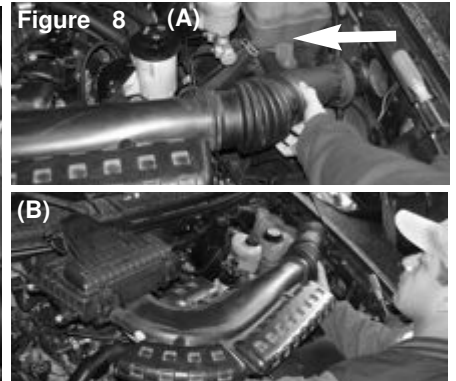
Entire crank case breather line is removed.



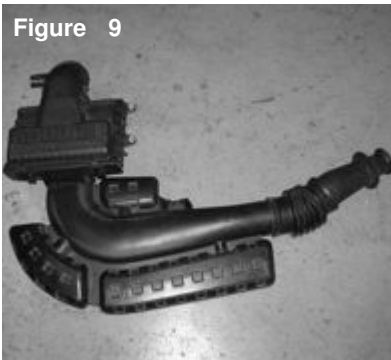
Use a 10mm socket with 3/8 ratchet and remove four 10mm bolts holding the air box cleaner to the intake manifold. Arrows indicating bolt locations



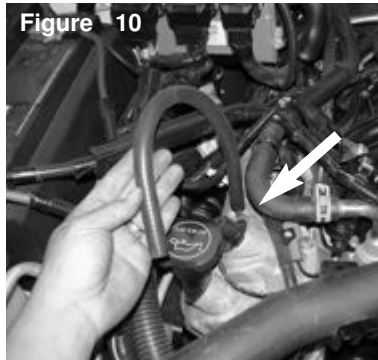
Remove bolt 10mm bolt mounting intake duct to engine.



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



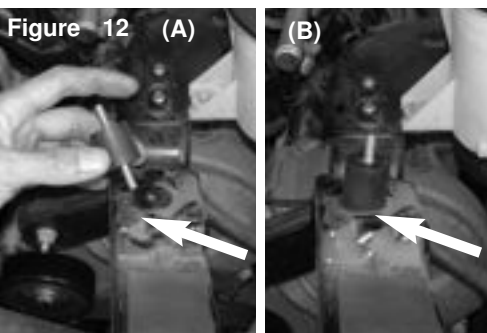
Entire air box cleaner assembly removed.



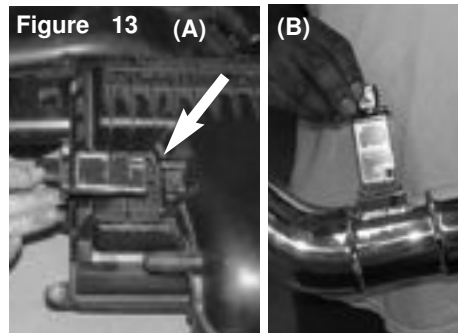
Take the 16"-10mm vacuum hose and place it over the crank case port. The other end will be connected to the intake pipe later.



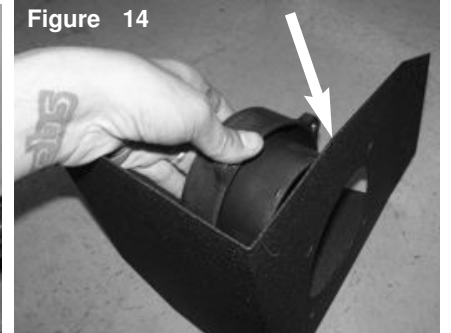
Take the 3 1/2" 90 degree elbow and two 56 clamps and insert short end of elbow over the throttle body.



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)



Install the adaptor to the inside of the heat shield.

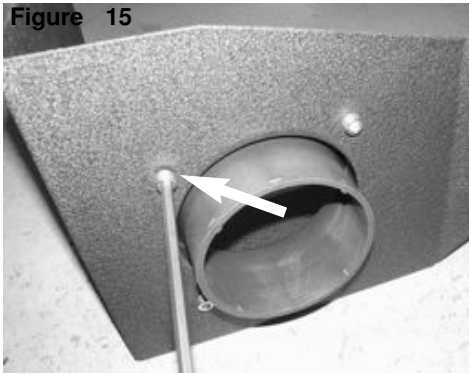


Figure 15
With the rectangular screen facing you, remove the 2 bolts on the left side of the Power-box as pictured above

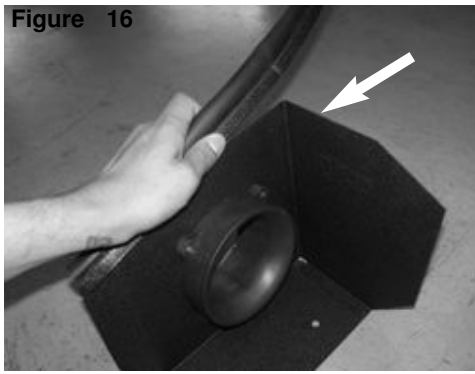


Figure 16
Attach the rubber trim seal to the top of the heat shield.

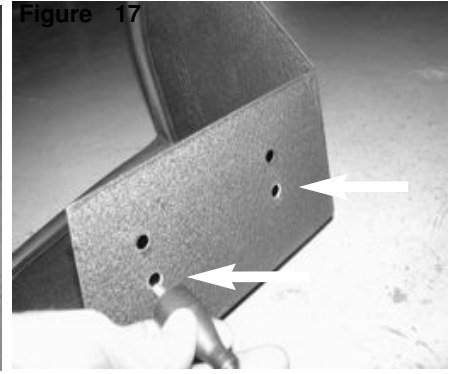


Figure 17
Install the M6 stand off studs to the holes closes to the adaptor.

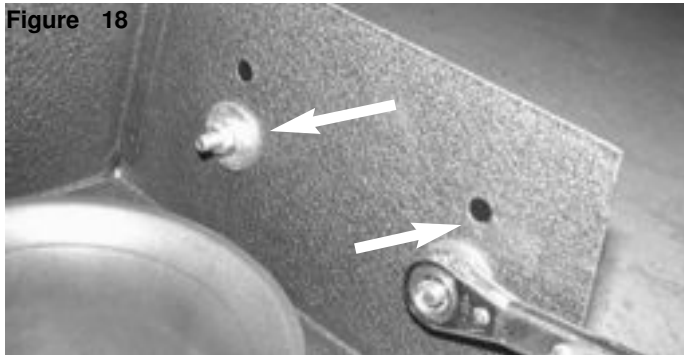


Figure 18
Secure the 2 stand off studs using provided M6 nut and washer. Tighten using 10mm wrench.

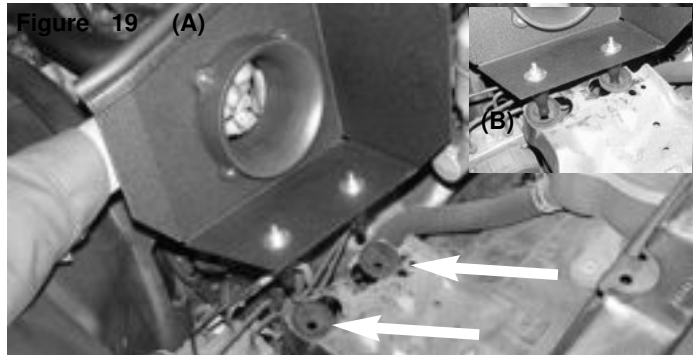


Figure 19 (A)
A) Install the heat shield assembly into the vehicle and position the stand off studs to the factory grommets. B) Make sure the grommets are seated completely.



Figure 20
Install the straight hose with clamps to the end of the intake tube.



Figure 21
Install the intake tube and position to the throttle body and heat shield.



Figure 22
Position the bracket to the vibra mount from step 12.

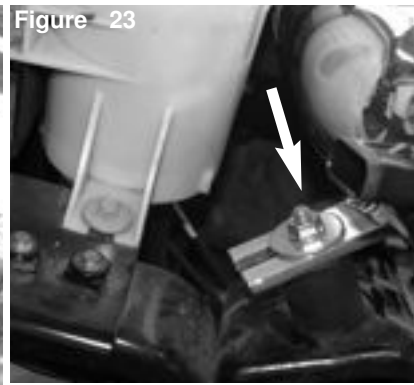


Figure 23
Secure using m6 nut and washer. Tighten using 10mm socket or wrench.

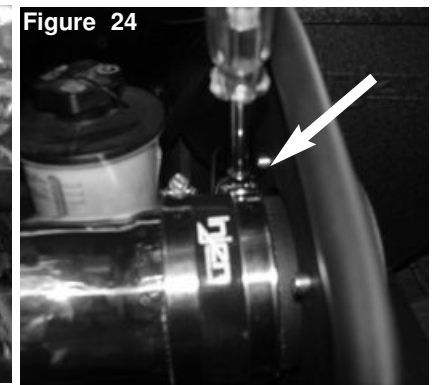


Figure 24
Position for the best possible fit and tighten using 8mm nut driver.

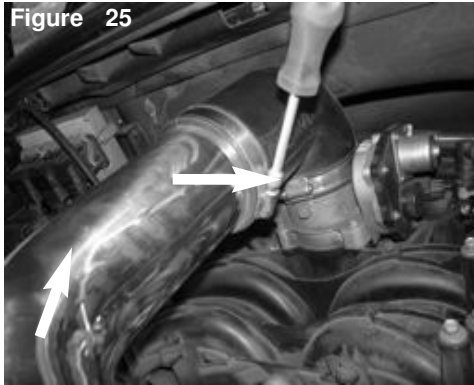


Figure 25 Tighten the clamps on the elbow using 8mm nut driver.

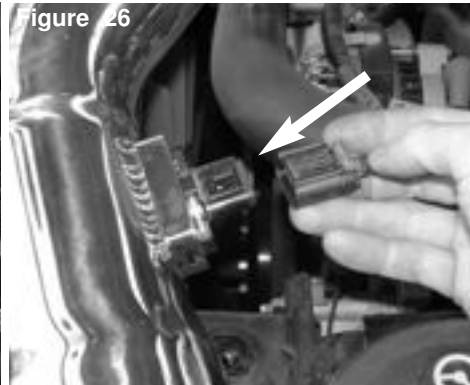


Figure 26 Re-connect the MAF sensor harness.



Figure 27 Attach the 10mm hose to the fitting on the intake tube.



Figure 28 Check for clearance and position for the best possible fit. Re-tighten if necessary.



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.

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.