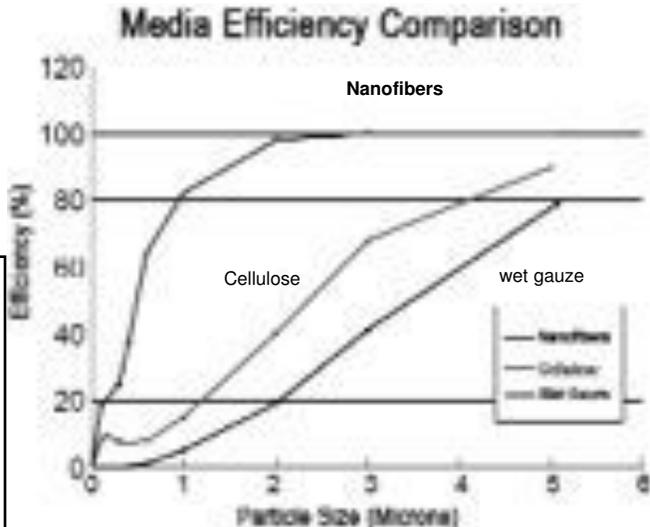




Part number PF9023

**2011 Ford Mustang GT V8 5.0L
(Manual Transmission Only)**

- 1- Show quality intake tube
- 1- Heat shield (#11037)
- 1- Dry web/Nano-Fiber filter (#1021)
- 3- heat shield brackets (#4019)
- 3- 5/16" heat shield bolts (#6019)
- 2- Medium clamps #056 (#4005)
- 1- Mini clamp #024 (#4002)
- 1- M6 fender washers (#6010)
- 1- M6 nut (#6002)
- 1- 3-1/2" straight hose (#3037)
- 1- M6 male/male vibra mount (#6020)
- 2- M4 button head screws (#6047)
- 1- 15mm hose @ 23"Long (#8079)
- 1- 25"L Vinyl trim (#6023)



Nanofiber technology: Is an oil free filtration media that has been used exclusively in heavy duty applications, including the US Army's Abrams M1 tanks. Injen/AMSOIL is now making it available to diesel applications and vary soon will be available for the gas auto/light truck market

This application only applies to ford Power-Stroke with mass air flow sensors

Congratulations! You have just purchased the best engineered and most advanced air intake system, equipped with Ea nanofiber air filter.

Please check the contents of this box immediately.

Report any defective or missing parts to the authorized Injen or AMSOIL 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 your dealer, Injen Technology or AMSOIL.

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

Note: This intake system was tested with an Injen/AMSOIL air filter made from synthetic Nanofiber media which has a 100,000 mile service life or four year warranty, whichever comes first.

Note: Disconnect the negative battery terminal before beginning the installation process.



Figure 1

Power-Flow contents:



Figure 2



Figure 3

Complete stock intake shown. Disconnect battery before install.

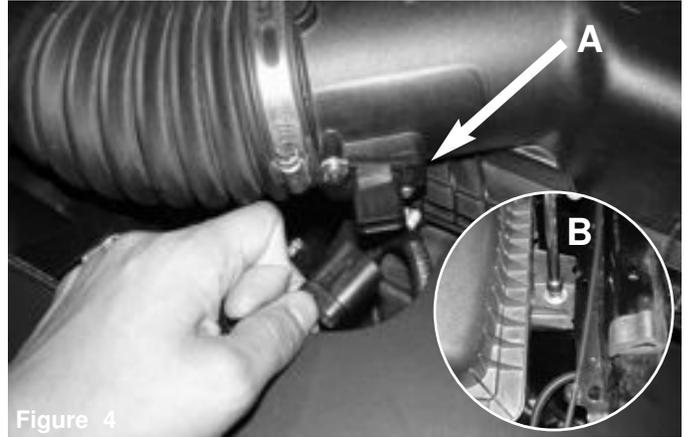


Figure 4

A) Disconnect the MAF sensor from harness.
B) Loosen the 10mm bolt holding in the air box.



Figure 5

Carefully lift up and remove the engine cover.

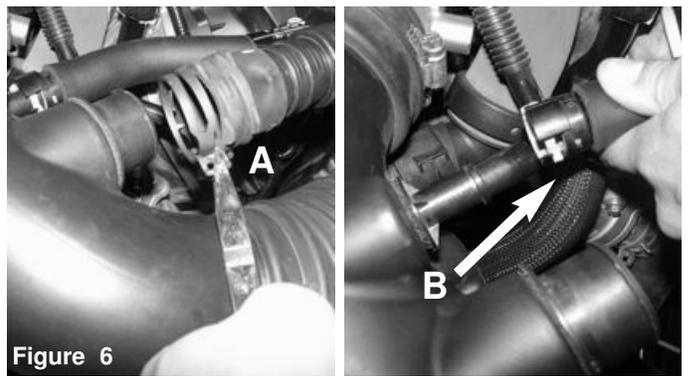


Figure 6

A) With pliers loosen the clamp holding in the sound tube connected at the intake tube and remove. Pull back sound tube. B) Disconnect crank case line from intake tube.

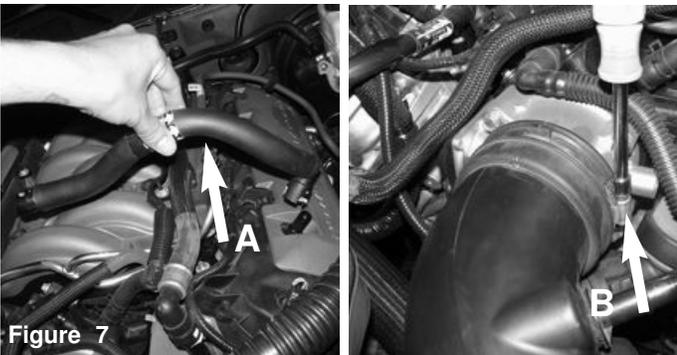


Figure 7

A) Disconnect crank case line from engine and remove from vehicle.
B) Loosen the clamp on the throttle body using 8mm nut driver and pull back.



Figure 8

Carefully lift up and pull out the stock upper half of air box from vehicle.



Figure 9

Carefully lift up and pull out the bottom air box from vehicle. Make sure that the sound tube rubber isolator is disconnected.

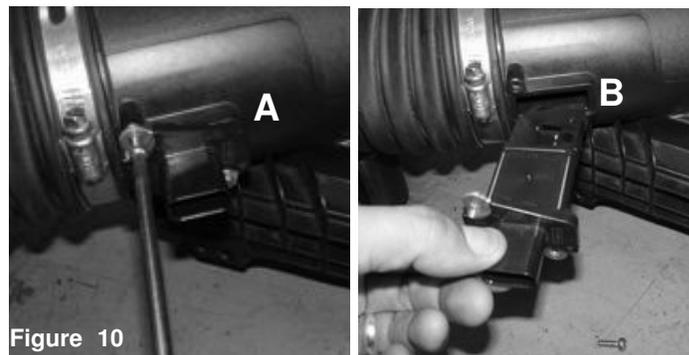


Figure 10

A) With T25 torx bit, loosen the 2 screws holding in MAF sensor.
B) Carefully remove MAF sensor.

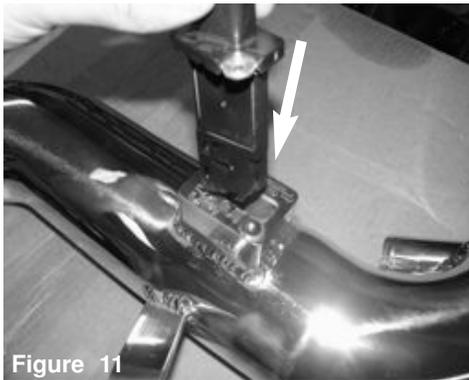


Figure 11

Install the MAF sensor into the intake tube.

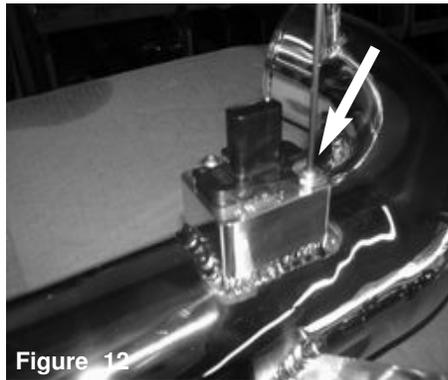


Figure 12

Secure the MAF sensor using 2.5mm button head screws. Tighten using allen key.

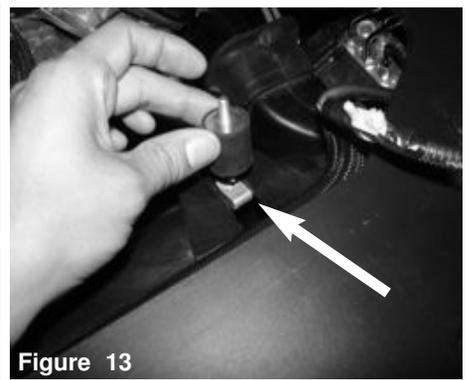


Figure 13

Install the M6 vibra mount to the threaded insert located on the radiator shroud.



Figure 14

With clamps provided, install the 3-1/2" straight hose to the throttle body.

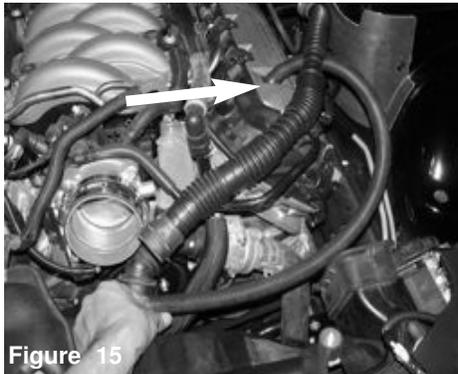


Figure 15

Install the 15mm hose to the engine fitting. Position so the hose sits under the intake tube.

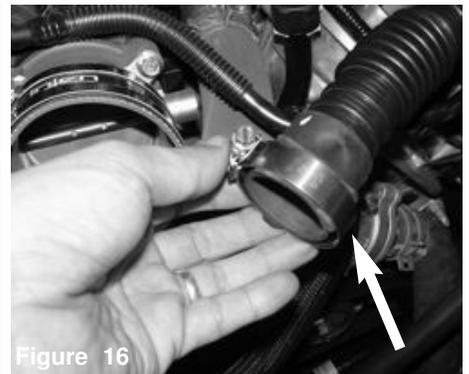


Figure 16

Make sure the OE clamp is removed, attach the new clamp to the sound tube.



Figure 17

Attach the hose to the fitting on the intake tube.



Figure 18

Connect MAF sensor harness

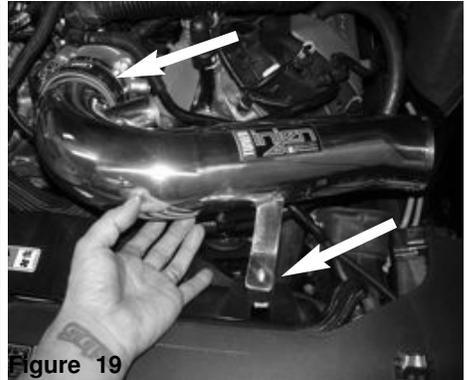


Figure 19

Position the intake tube to the throttle body and bracket to the vibra mount.

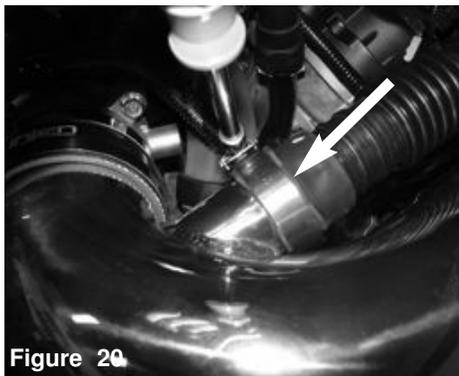


Figure 20

Install the sound tube to the fitting on the intake tube. Secure and tighten using 8mm nut driver.

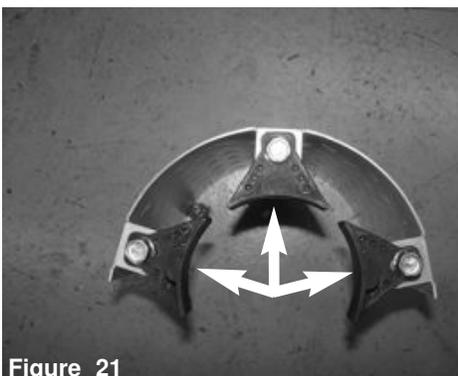


Figure 21

Take the heat shield, position like image above. Attach the brackets to the heat shield, secure the brackets using provided 5/16 hex screws and tighten.



Figure

Install the filter to the center of the heat shield, place clamp around the brackets and position, tighten clamp just enough to prevent the heat shield from coming off.

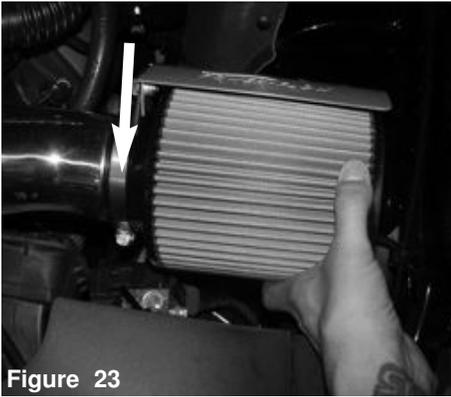


Figure 23

Install the filter and shield assembly to the intake tube and position. **Position the heat shield for it not to hit frame of vehicle or any brake lines close by.**

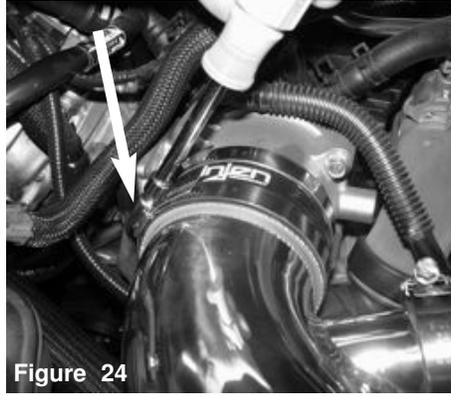


Figure 24

Tighten the clamps using 8mm nut driver.

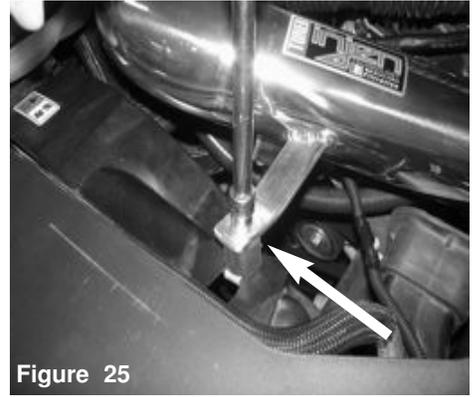


Figure 25

Secure the bracket using the provided M6 nut and washer. Tighten using 10mm socket and ratchet.



Figure 26

Re-install the engine cover.

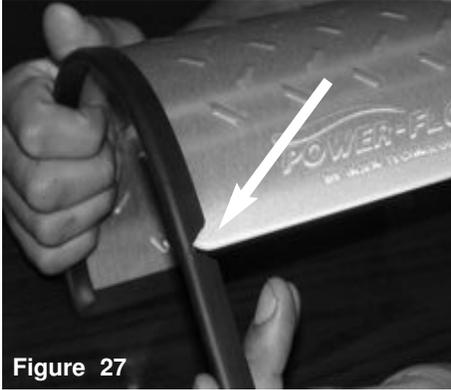


Figure 27

Provided vinyl trim can be installed to the edge of the heat shield. Cut a V out of the 2 corners to make the trim seal fit properly.



Figure 28

Once cut, attach to the heat shield.



Figure 29

Check the entire system for the best possible fit. Once you have checked the entire system for leaks, rubbing or rattling, continue to tighten all nuts, bolts and clamps. Reconnect the negative battery terminal prior to starting the engine.



Figure 30

Congratulations! You have just completed the installation of the best engineered intake system, featuring Web Nano-fiber dry filter. Periodically, check the system for fitment, this will enhance the life of your Power-Flow system.

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/AMSOIL filter now sold 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.