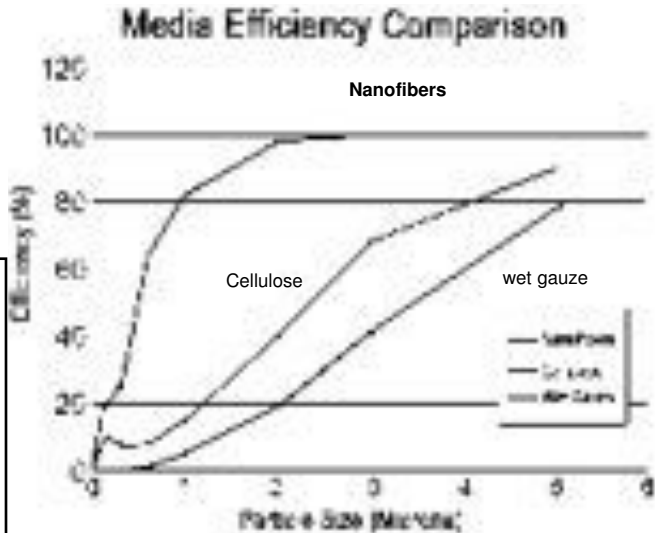
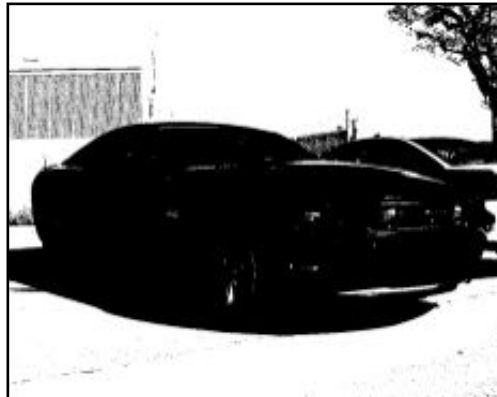




**Part number PF9090**

**2011-2014 Ford Mustang GT V8 5.0L  
(Manual Transmission Only)**

- 1- Show quality SR intake tube
- 1- 4" Dry web/Nano-Fiber filter (#1026)
- 2- Medium clamps #056 (#4005)
- 1- 3-1/2" straight hose (#3037)
- 1- M6 fender washer (#6010)
- 2- M6 nut (#6002)
- 1- M6 male/male vibra mount (#6020)
- 2- M4 button head screws (#6047)
- 1- Bracket (PF9022) (M-20092)
- 1- 1" Vinyl Plug (#8041)



**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.**

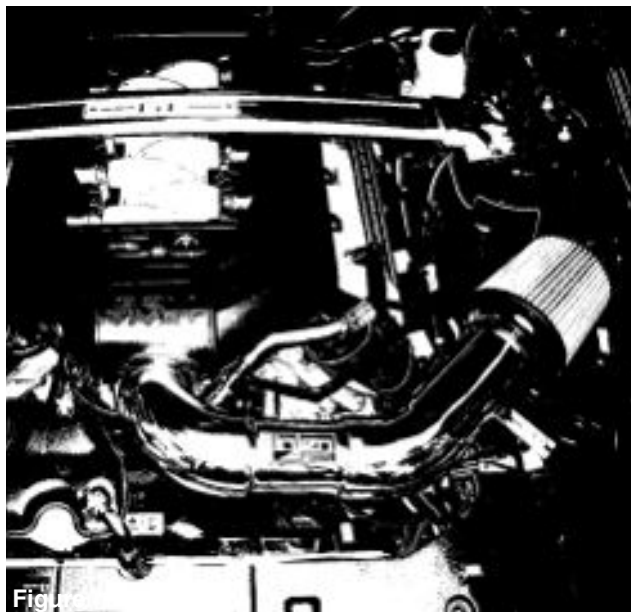


Fig. 1

**Power-Flow contents:**

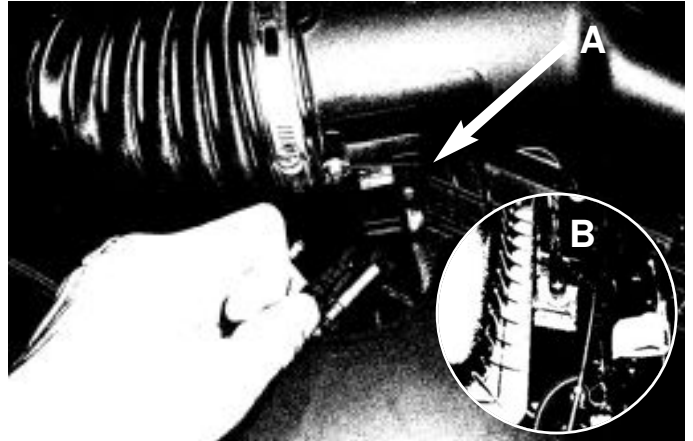


Figure 2



**Figure 3**

Complete stock intake shown. Disconnect battery before install.



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

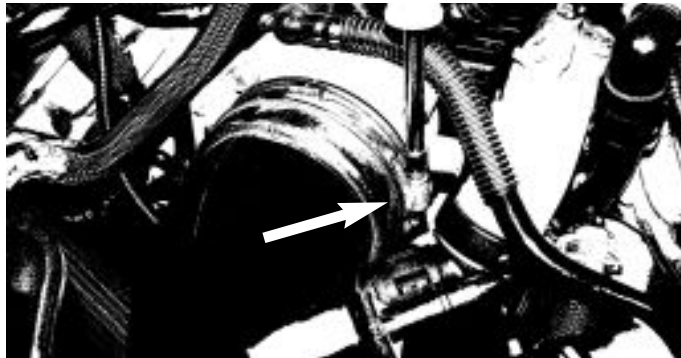


Carefully lift up and remove the engine cover.



**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.



Loosen the clamp on the throttle body using 8mm nut driver and pull back.



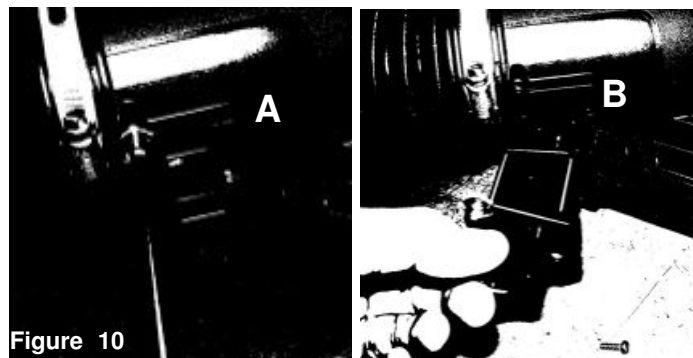
**Figure 8**

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



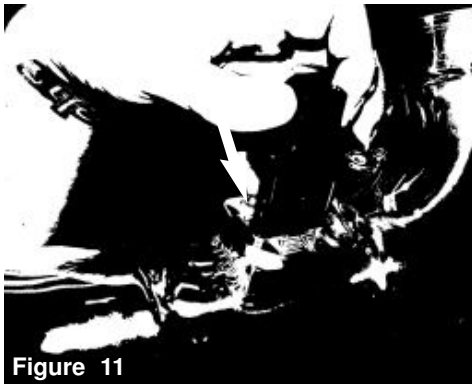
**Figure 9**

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



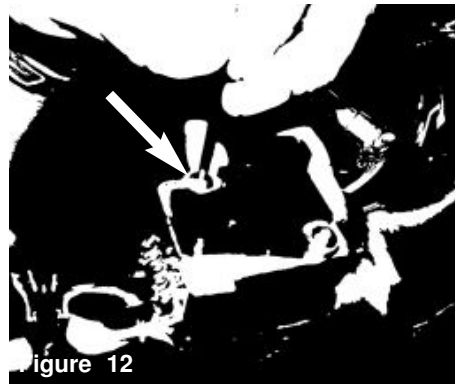
**Figure 10**

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



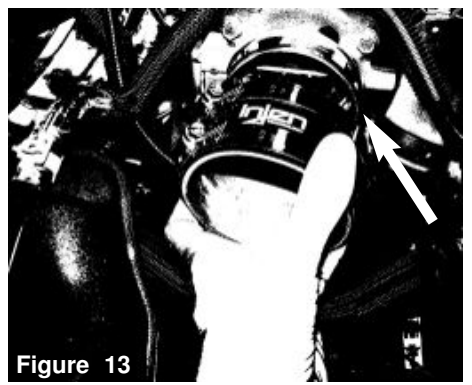
**Figure 11**

Install the MAF sensor into the intake tube.



**Figure 12**

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



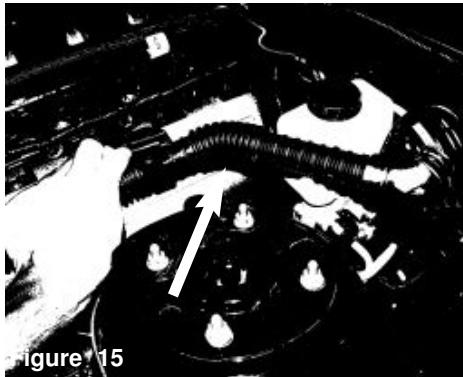
**Figure 13**

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



**Figure 14**

Break the clamp on sound tube resonator. Pull back the tube from the muffler.



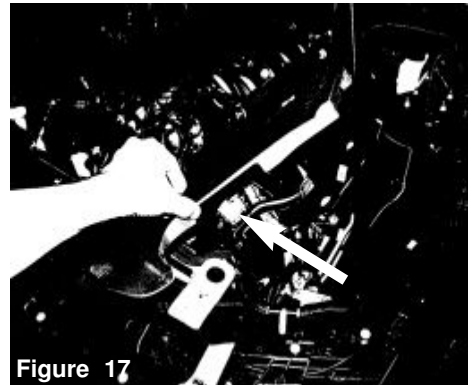
**Figure 15**

Remove the sound tube from the vehicle.



**Figure 16**

Now cap off the the resonator using provided 1" vinyl cap.



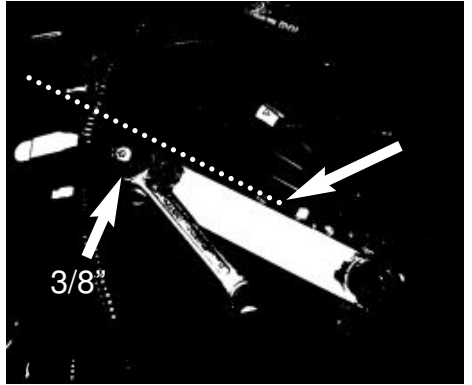
**Figure 17**

Remove the plastic guard in front of vehicle. This will allow for installation of bracket extension.



**Figure 18**

Now loosen the screw on radiator support using 10mm wrench.



**Figure 19**

Position the bracket extension straight and parallel to the radiator support. Drill 1 hole on the bracket to 3/8" allowing for install of the factory 8mm screw. Now tighten the screw using 10mm wrench.



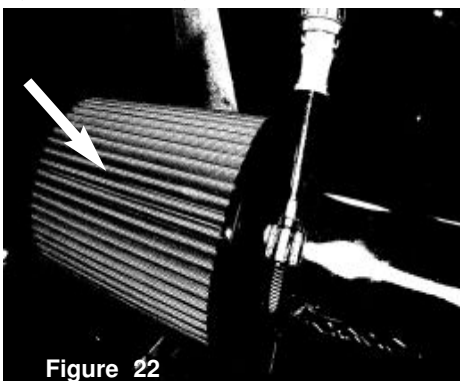
**Figure 20**

Install the M6 vibramount to the bracket. secure using provided m6 nut.



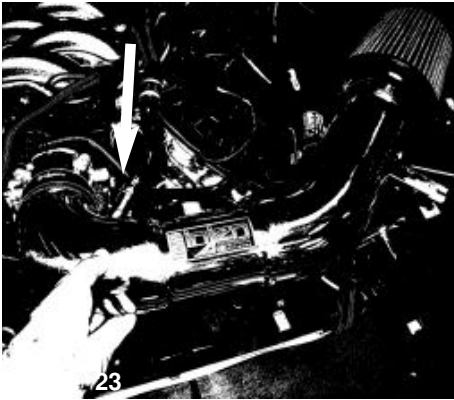
**Figure 21**

Secure and tighten the vibramount using 10mm wrench.



**Figure 22**

Install the filter to the intake tube. Secure and tighten using 8mm nut driver.



Install the intake tube into vehicle and position.



Figure 24

Secure the bracket using provided m6 nut and fender washer.



Figure 25

Re-connect the MAF sensor harness.



Figure 26

Now tighten the clamp using 8mm nut driver.

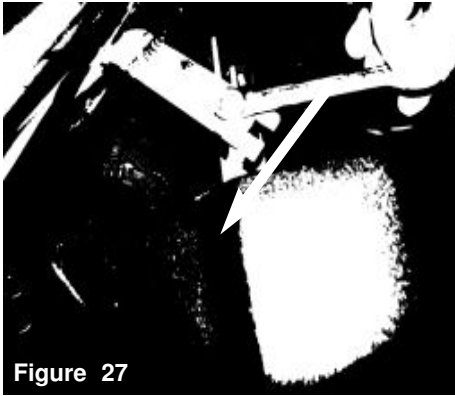


Figure 27

Secure and tighten the nut on bracket using 10mm wrench.

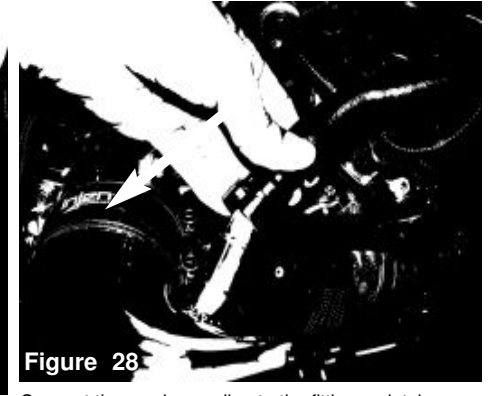


Figure 28

Connect the crank case line to the fitting on intake tube. Make sure you hear the click. Re-install engine cover.



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 this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

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