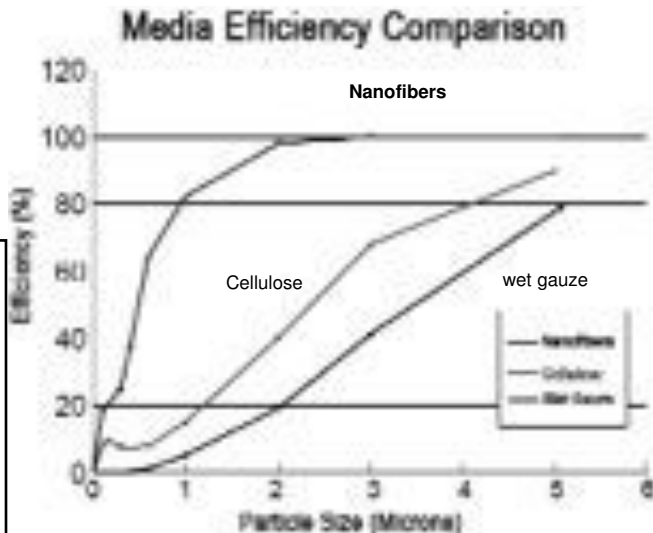




**Part number PF9053
2012 Ford F-250 V8 6.2L**

- 1- Show quality intake tube
- 1- Heat shield** (#11072)
- 1- Super Flow Nano-Fiber filter (#1051)
- 1- Bracket (heat shield)** (M-20017)
- 1- 4" filter velocity stack adaptor (#6045)
- 1- 4" hump hose (#3168)
- 4- Clamps .064 (#4006)
- 1- 4" straight hose (#3129)
- 1- M8 hex screw (#6018)
- 1- M8 hex nut (#6017)
- 2- M4 button head screws (#6047)
- 4- M6 stainless button head screws (#6083)
- 1- Vinyl trim @ 9.5" Length (#6023)
- 1- Vinyl trim @ 10" Length (#6023)
- 1- 5 page instruction

Note:
The C.A.R.B Exempt sticker must be attached under the hood in a place where it is easily visible to an emissions inspector.



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-Strokes 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

loosen the clamp on resonator using 8mm nut driver. .

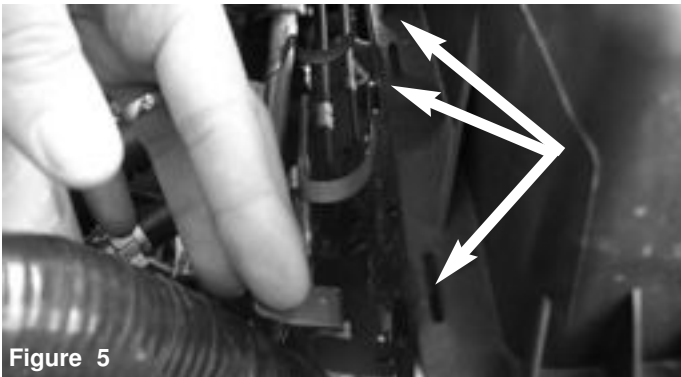


Figure 5

Un-clip the 3 clips holding in upper half of air box and slide back.

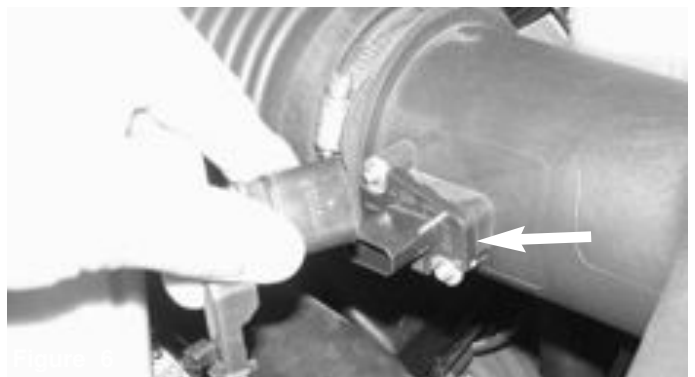


Figure 6

Disconnect the MAF sensor harness.



Figure 7

Pull the coolant line away from the stock intake tube.



Figure 8

Pull the intake tube away from the resonator box.



Figure 9

Now slide the stock intake under the coolant line and remove the stock upper intake assembly.



Figure 10

Upper half of stock intake assembly removed.

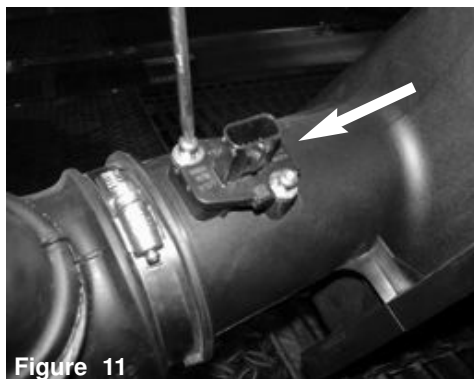


Figure 11

With t20 torx bit, loosen and remove the 2 screws holding in the MAF sensor.

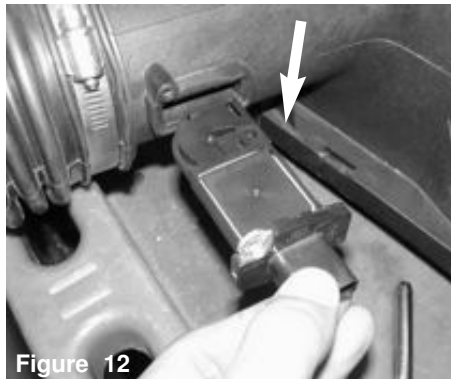


Figure 12

Carefully pull the MAF sensor out and set aside.

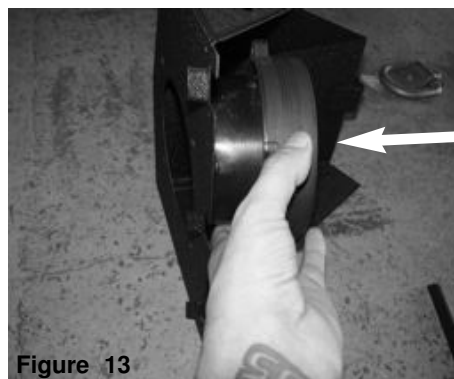


Figure 13

Install the 4" velocity adaptor to the inside of the heat shield.

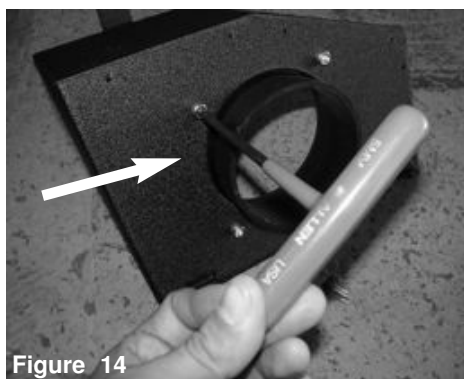


Figure 14

Secure the adaptor using the provided M6 button head screws and tighten using allen key.

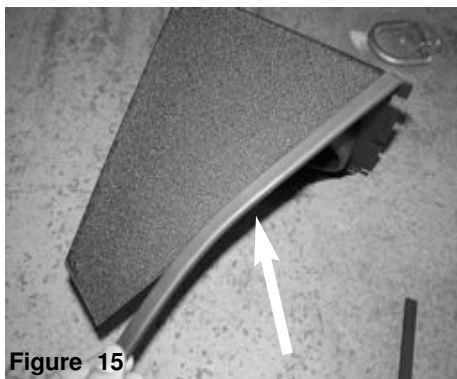


Figure 15

Attach the vinyl trim to the side of the heat shield.

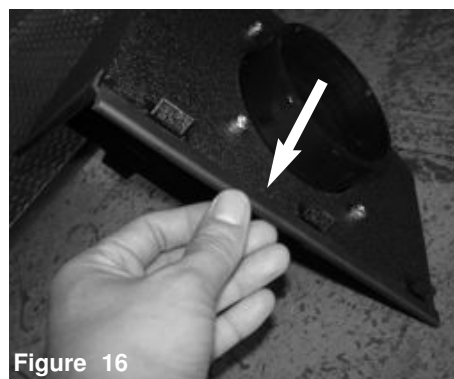


Figure 16

Attach the other vinyl trim to the side with tabs. **Note: make sure you attach the trim to heat shield to prevent rubbing and vibration.**

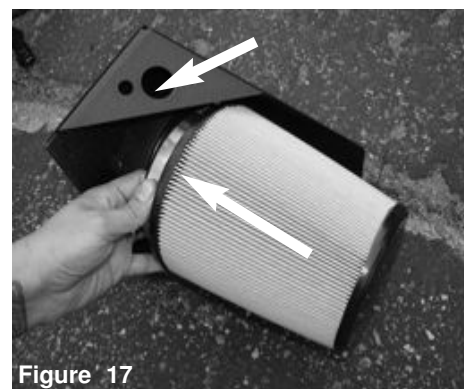


Figure 17

Install the filter to the adaptor and tighten using 8mm nut driver.

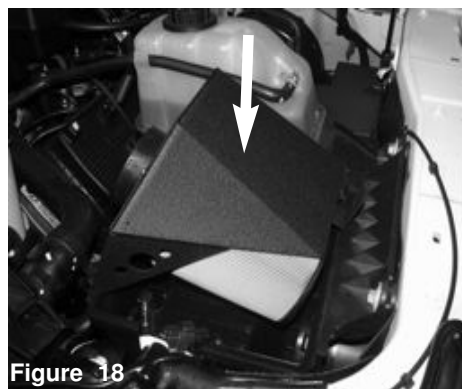


Figure 18

Install the heat shield assembly into the vehicle and position tab side first.

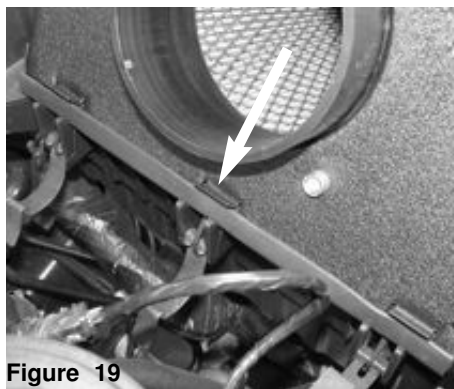


Figure 19

Make sure the heat shield assembly with trim seats in the groove. Position heat shield forward. Align the tabs to clips.

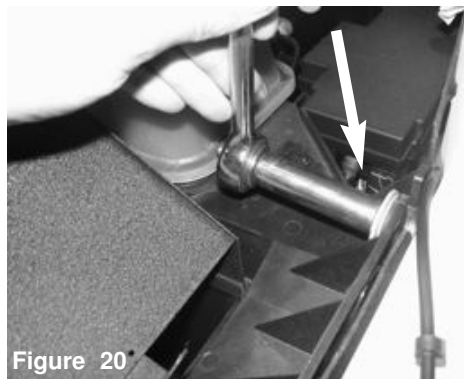


Figure 20

Loosen the bolt closest to the driver located on the lower air box assembly. Loosen using 13mm socket and ratchet and save screw.



Figure 21

Remove the collapse washer from the grommet.

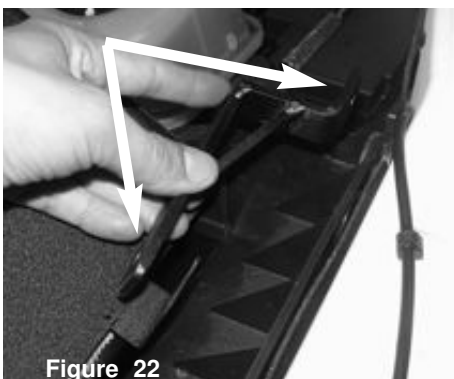


Figure 22

Now install the bracket and position so the bracket sits in front of the heat shield tab. Secure using the factory screw from step 20.

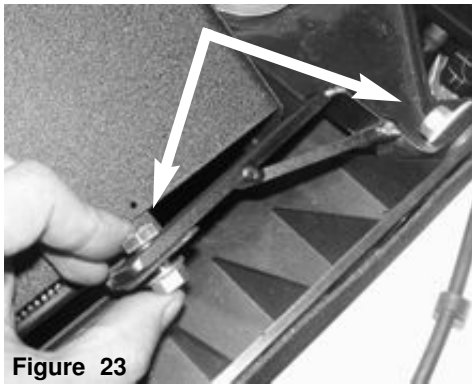


Figure 23

Now secure the heat shield tab using provided M8 nut and screw.

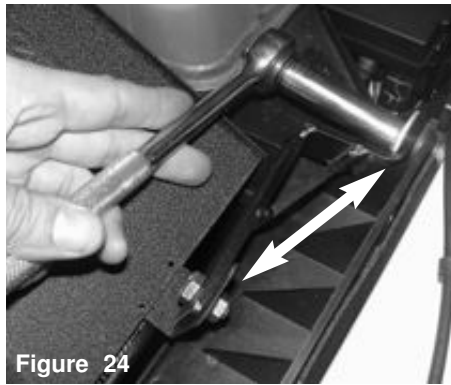


Figure 24

Secure and tighten both the screws using 12mm and 13mm socket or wrench.

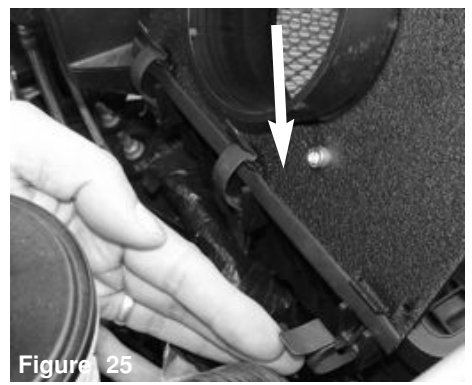


Figure 25

Secure the heat shield and clip to tabs.

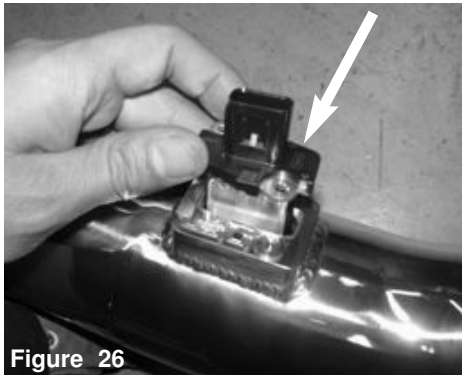


Figure 26

Install the MAF sensor into the new injen intake tube.

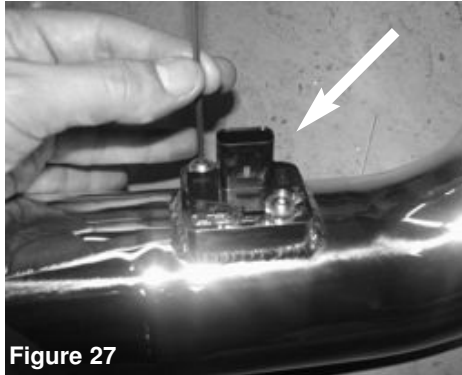


Figure 27

Secure the MAF sensor using provided M4 button head screws and tighten using 2.5mm allen key.



Figure 28

With clamps provided, attach to the straight hose and install to the resonator box.

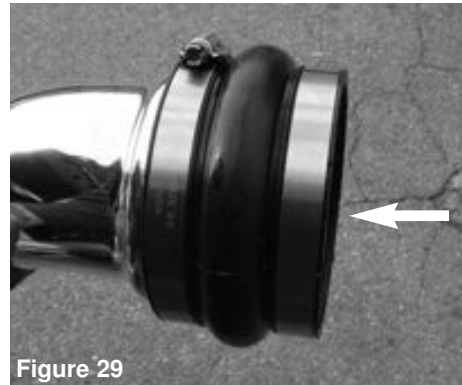


Figure 29

Install the hump hose with clamps to the tube, Do not tighten.



Figure 30

Install the intake tube into the vehicle and position to the resonator box and adaptor.

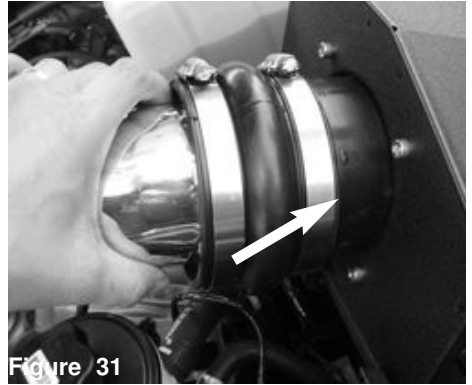


Figure 31

Slide the hump hose on to the adaptor and position.



Figure 32

Now tighten the clamps on resonator box using 8mm nut driver.

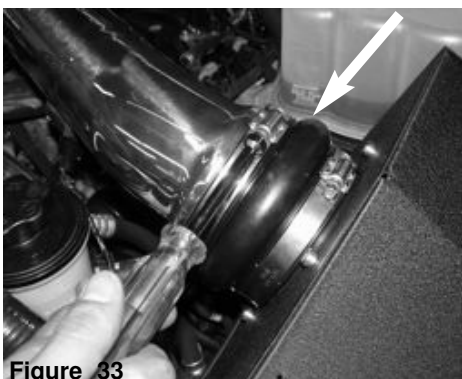


Figure 33

Tighten the clamps on the hump hose using 8mm nut driver.

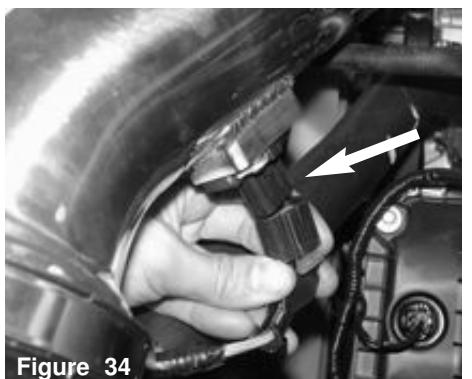


Figure 34

Re-connect the MAF sensor harness.



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.



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.