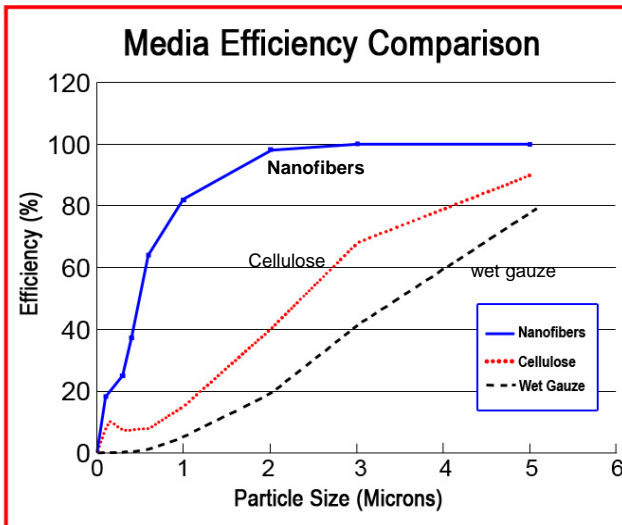




Part number PF8078
 2007.5-2009 Dodge Ram
 6.7L Cummins I6

- 1- MR technology aluminum intake
- 1- 5" Web/nano fiber dry filter (#1050)
- 1- Heat shield (#11066)
- 1- Velocity stack 4" (#6045)
- 4- M6 Button head stainless (#6083)
- 1- Trim seal @ 22"L (#6058)
- 1- M6 stand off stud (#15023)
- 1- M6 nut (#6002)
- 1- M6 Washer (#6010)
- 3- M4 Button head screws (#6072)
- 1- 4" straight hose (#3161)
- 2- #64 Clamps (#4006)
- 1- Filter hydro-shield (#1038)
- 1- 6 page instruction



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 very soon will be available for the gas auto/light truck market

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: In off-road, frequently dusty or other severe duty applications, clean and change the Injen/AMSOIL air filter more often as determined by operating conditions or as indicated by the air restriction gauge.



Figure 1



Figure 2

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



Figure 3
Stock engine compartment

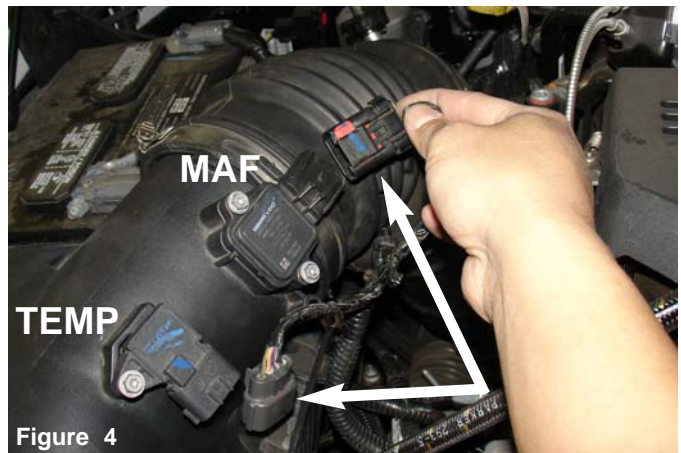


Figure 4
Depress the tab on the electrical harness clip and disengage it from the MAF sensor and temperature sensor.

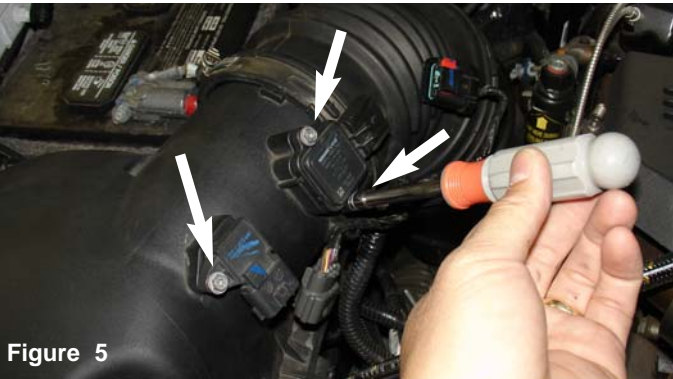


Figure 5
Use a 8mm nut driver to loosen the 3 screws holding in MAF sensor and temperature sensor.



Figure 6
Once you have removed the screws from the MAF sensor and temperature , remove both from air box.



Figure 7
Loosen clamp on air box using 8mm nut driver.

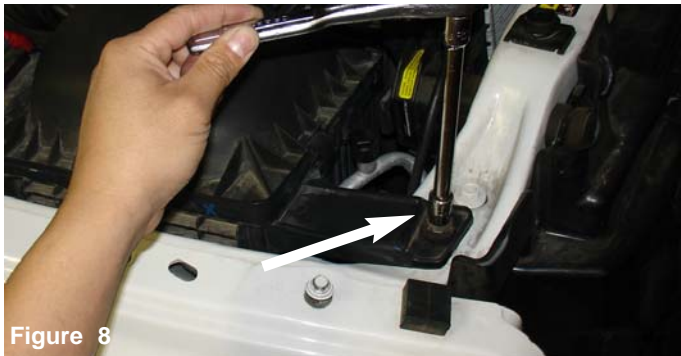


Figure 8
Loosen and remove the 10mm nut that secures the air arm to the front cross member.



Figure 9
The clamp on the turbo inlet tube is loosened to separate the inlet tube from the flexible air intake duct.



Figure 10
Pull out the entire air box from the engine compartment.



Figure 11

Using short flathead screwdriver, loosen and remove mid-section part of the stock intake from vehicle.



Figure 12

Pull out mid-section of intake.



Figure 13

Leave remaining elbow hose attached to turbo. **Note: Loosen clamp on turbo for better fitment/position of new intake.**



Figure 14

Attach trim seal to the heat shield and secure.



Figure 15

Place the velocity adaptor into the inside of the heat shield.



Figure 16

Secure the velocity adaptor using the 4 M6 button head screws provided and secure. Tighten using 6mm allen key.

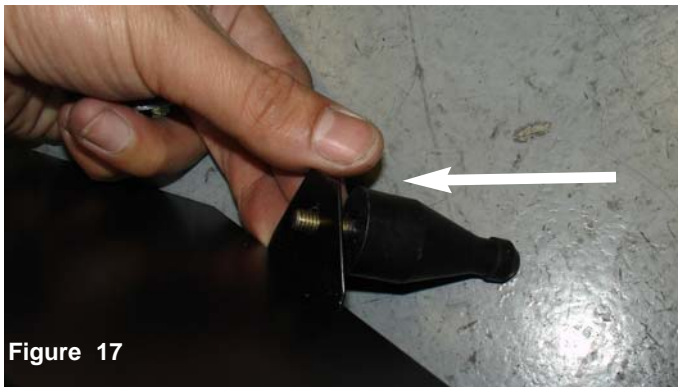


Figure 17

Attach the M6 stand off stud to the tab on the heat shield. Secure using provided M6 washer and nut.



Figure 18

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

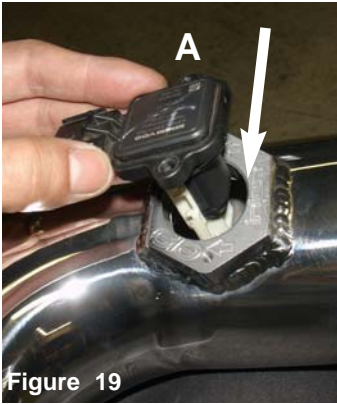
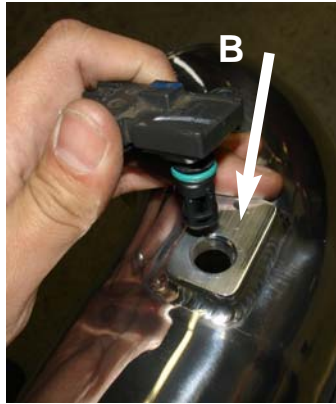


Figure 19

A) Install MAF sensor into intake tube.



B) Install temperature sensor into intake tube.



Figure 20



Secure both sensors using provided M4 button head screws and tighten using 2.5mm allen key.



Figure 21

Install the heat shield assembly into the vehicle and position..



Figure 22

Make sure the stand off stud is secured in the factory grommet. Push so that it seats correctly.



Figure 23

Attach the straight hose with clamps provided to the adaptor and secure. Do not tighten.



Figure 24

Install the intake into the vehicle and position to the factory turbo hose and straight hose from previous step.



Figure 25

Note: Make sure the heat shield is secured and not touching anything up front next to the radiator and lines. Tighten the clamps using 8mm nut driver.

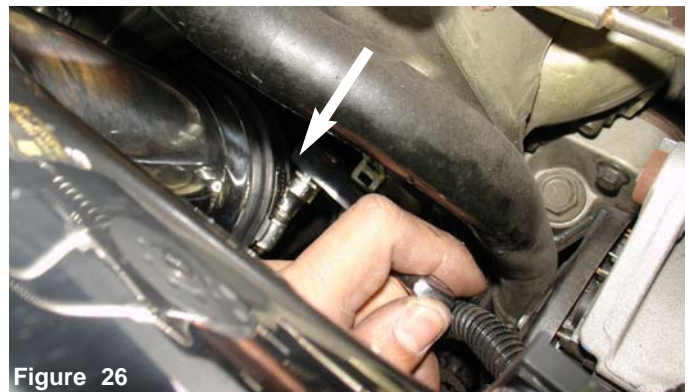


Figure 26

Position the intake for the best possible fit and tighten the clamp on turbo using 8mm nut driver.



Figure 27

Connect the Temperature sensor harness.



Figure 28

Connect The MAF sensor harness.



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 eA 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 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.