



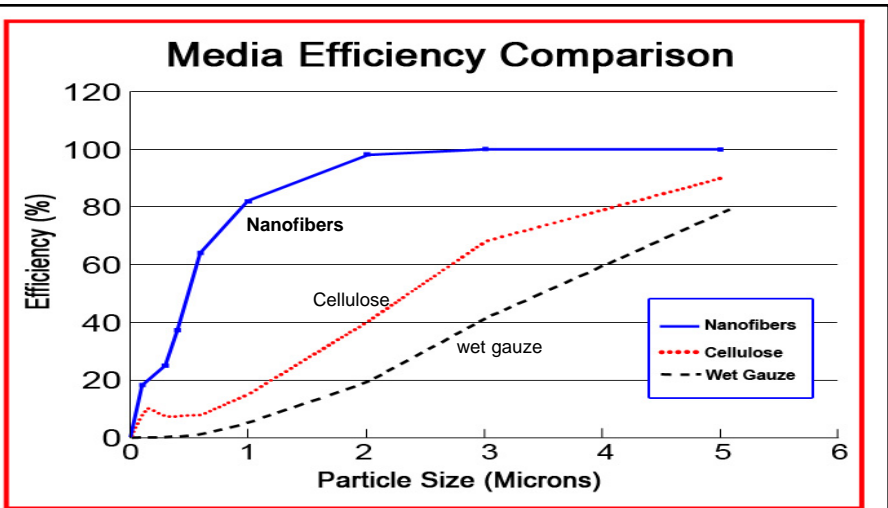
Part number APF7022
04-06 Chevrolet Colorado
04-06 GMC Canyon
2006 Hummer H3
3.5L L5

- 1- MR Tech Power-flow intake system
- 1- 3 1/2" inverted top Amsoil filter (#1021-BB)
- 1- Diamond Plate heat shield (#11037)
- 1- 12" 4mm vacuum hose (#3104)
- 1- 3 1/4" x 3 1/2" x 2" long step hose (#3124)
- 2- Power-bands (.412) .056 (#4005)
- 3- Composite heat shield bracket (#4010)
- 1- m8 flange nut (#6017)
- 3- 5/16" flange bolts (#6019)
- 1- m8 vibra-mount (#6062)
- 1- 5mm vacuum cap (#8004)
- 1- Instruction (4 pages)

Note: This intake system has been tested and tuned using this specific filter. Changing the filter to another brand will change the air/fuel ratio that can be damaging to your engine.

Sold separately:
 Hydro-shield (#1037)

All parts and accessories are sold on-line at:
"injenonline.com"



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 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 285 Pioneer Place Pomona, CA 91768 USA

Note: This intake system was tested with an Injen/AMSOIL air filter made from synthetic Nanofiber media. Injen/AMSOIL recommends cleaning the filter when designated by the restriction gauge, or as operating conditions dictate. If it is used in extremely dusty environments, more frequent cleanings may be required.



Figure 1



Figure 2



Figure 2
Depress the locking clip and remove the electrical sensor harness from the mass air flow sensor.

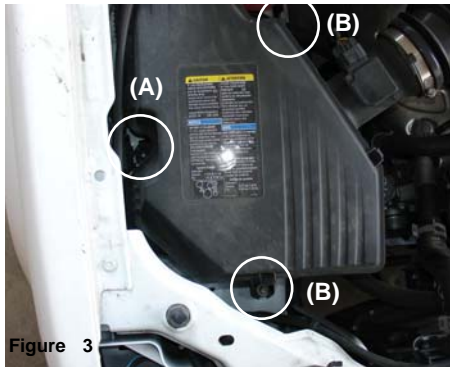


Figure 3
Remove the retaining nut (A) and the retaining bolts (B) from the air box cleaner.



Figure 4
Remove the two screws that retain the air mass sensor to the sensor housing.



Figure 5
Once the screws have been removed, continue to remove the mass air flow sensor from the sensor housing.



Figure 6
Loosen the clamp on the resonator inlet that connects the stock intake tube to the resonator. Remove the intake tube from the resonator.



Figure 7
Once the intake tube has been removed from the resonator inlet (A) continue to pull the entire air intake and air box cleaner assembly from the resonator box (B).



Figure 8
Remove the two screws that secure the resonator box to the throttle body and mounting brackets.



Figure 9
Loosen the hose clamp that is connected to the throttle body as shown above.



Figure 10
Disconnect the crank case vent hose from the resonator box as the resonator box is removed from the throttle body.



Figure 11
Once the vent hose has been removed continue to remove the resonator from the engine compartment.



Figure 12
Remove and flip vent hose in order to show the longer end of the hose facing forward.



Figure 13
Place the 3.25" end of the step hose over the throttle body and place two power clamps over the hose, tighten the hose on the throttle body for now.



Figure 14

Align the m8 vibra-mount to the pre-tapped hole located on the wheel well.



Figure 15

Screwed the vibra-mount into place until the vibra-mount bottoms out.



Figure 16

Align and press the intake into the throttle body hose while carefully placing the intake bracket over the vibra-mount.



Figure 17

As the upper end of the intake is pressed into the throttle body hose, the intake bracket is aligned to the vibra-mount stud.

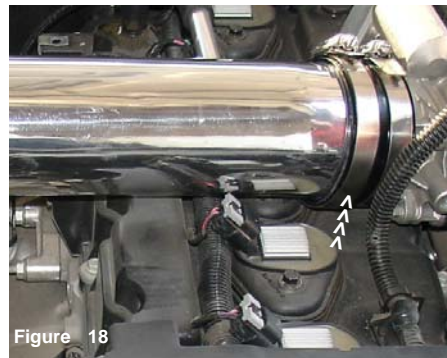


Figure 18

Once the intake bracket has been aligned continue to tighten the power clamp on the intake side.



Figure 19

Use the m8 flange nut to secure the intake bracket to the vibra-mount stud.



Figure 20

Align the stock crank case vent hose to the 5/8" vacuum port located on the intake tube.



Figure 21

The crank case vent hose is pressed over the long intake vacuum port.



Figure 22

For trucks that are not equipped with a fuel pressure regulators: Press the 4mm vacuum cap over the 3/16" vacuum port as shown above.

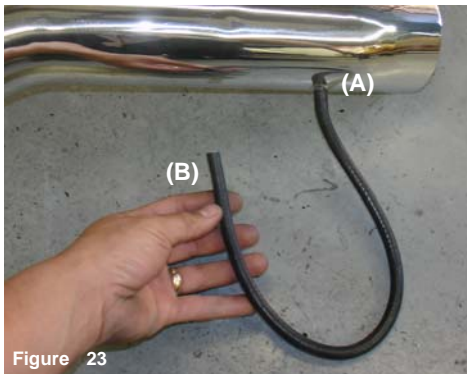


Figure 23

For trucks equipped with a fuel pressure regulators: Press the 12" 4mm vacuum hose over the 3/16" vacuum port(A) Press the other end over the fuel pressure regulator port (B).

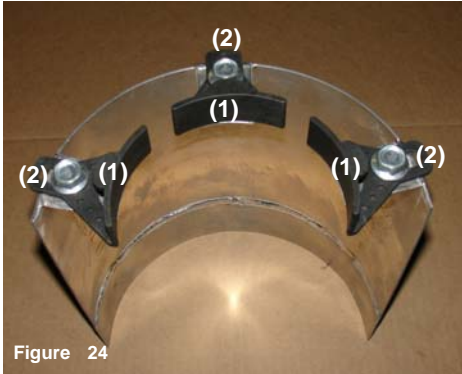


Figure 24

One by one, the composite brackets (1) are lined up to the heat shield tabs and a 5/16" flange bolt (2) is used to secure the brackets in place. The filter clamp is opened and set over the composite brackets.



Figure 25

Take the filter and slip it into the metal clamp between the composite brackets.



Figure 26

Adjust the clamp so that it sit between the filter beads located on the filter neck.



Figure 27

Press the assembled filter and heat shield over the tuned intake end. Press the filter neck over the intake end until it comes to a stop.



Figure 28

With the filter clamp loose, press the entire filter assembly over the intake end as shown above and tighten the filter neck clamp.



Figure 29

Align and insert the MAFS into the machined sensor adapter.



Figure 30

The stock screws are used to secure the MAFS into the CNC machined adapter.



Figure 31

Press the electrical sensor harness over the MAFS as shown above.



Figure 32

Align the entire intake assembly for the best possible fit. Once the intake, filter and heat shield have been adjusted and cleared from any moving parts, continue to tighten all nuts, bolts and clamps.



Figure 33

Periodically, Check the fitment of the intake system. Check all lines, clamps, bolts and filter parts for any possible misalignment. The filter should also be checked and cleaned every 5000 to 7500 miles. Hydro-shields are also sold on-line that will help extend the life of your filter.

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 Amsoil 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.