

PowerFlow Box Update: New design with twist lock filter.



IMPORTANT NOTICE: InjenTechnology has re-designed and is releasing our new and improved stream-lined PowerFlow Box to provide you with new cutting edge technology and a user friendly, easier installation and removal for filter maintenance. Please see below for Twist lock installation. Please refer to original installation instructions for PowerFlow box installation. Thank you for choosing injen technology.



Figure 1

New Power flow box assembly. Twist lock filter and PowerFlow box. Box can be rotated to be either driver side or Passenger side fitment.



Figure 2

Install the provided Twist lock filter into the PowerFlow box.



Figure 3

Once the filter is seated correctly and flat, rotate the filter 1/4" turn in either direction left or right and secure. Filter has built in lock.



Figure 4

Filter is now secured in the PowerFlow air box.



Figure 5

Above is the Driver side orientation.



Figure 6

Above is the Passenger side orientation.

NOTE: Verify your filter before any cleaning maintenance! Blue media filter: Dry Air Filter, no oil required. (SuperNano Web Dry filters require no oil, these can be cleaned using a vacuum or light compressed air. Please do not clean using water or injen restore kit.) Red media filter: Factory Oiled Air Filter. (Oiled cotton gauze filters require oil, please use injen restore kit. This filter can use water or cleaning solution for maintenance.) **Please visit injen.com for filter cleaning instructions.**



Part number PF1950-1
 2004-10 Infiniti QX56
 2004-15 Nissan Armada
 2004-15 Nissan Titan
 V8 5.6L

- 1- MR Tech Power-flow Intake system
- 1- Twist Lock Dry Air Filter 4" (#1108)
- 1- PowerFlow Box kit A(#15143)
- 2- Small Injen Windows B(#15139)
- 4- Lock Washers C(#6109)
- 1- Half moon bracket w/ext. arm (#20064)
- 1- CCV box connecting hose (#3112)
- 1- 90 degree 3.25" x 3 1/2" elbow (#3145)
- 2- Power-bands (.412) .056 (#4005)
- 2- small clamps .016 (#4017)
- 1- 6mm flange nut (#6002)
- 1- Fender washer (#6010)
- 1- 6mm Vibra- mount (#6020)
- 1- CCV breather box (#6057)
- 2- m6 x 10mm button head bolts (#6083)
- 1-Instructions (5 Pages)

Note: The C.A.R.B. Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector



Congratulations! You have just purchased the best engineered, dyno-proven air intake system available.
Please check the contents of this box immediately.
 Report any defective or missing parts to the Authorized Injen Technology 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 the dealer you purchased this product from.
 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
Please check the contents of this box immediately.
Note: This intake system was Dyno-tested with an Injen filter and Injen parts the use of any other filter or part will void the warranty and CARB exemption number.
 Parts and accessories are available on line at "Injenonline.com"

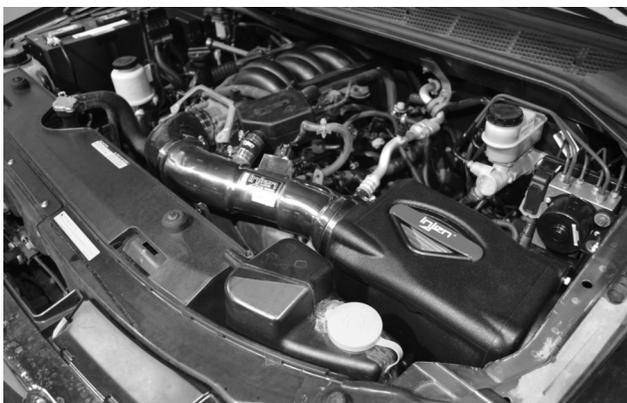
Note: The installation of this cold air intake does require mechanical skills. Removal of the front bumper requires loosening and removing several plastic plugs and screws that may be difficult. It is recommended that this system be installed by a professional mechanic. Be sure to disconnect the negative terminal before proceeding.

Congratulations! You have just purchased the worlds first tuned intake system.

MR Technology, Leading the way!

Patent pending

POWER-FLOW: An air intake evolution





Unbolt the two front screws and remove the plastic cover located over the intake manifold.



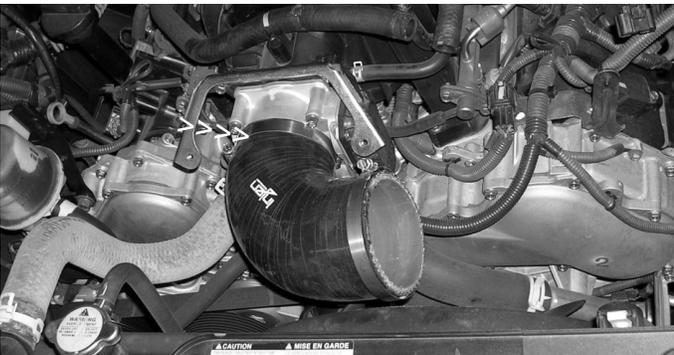
Remove screws, loosen clamps and remove upper air intake box and air intake duct connected to the throttle body.



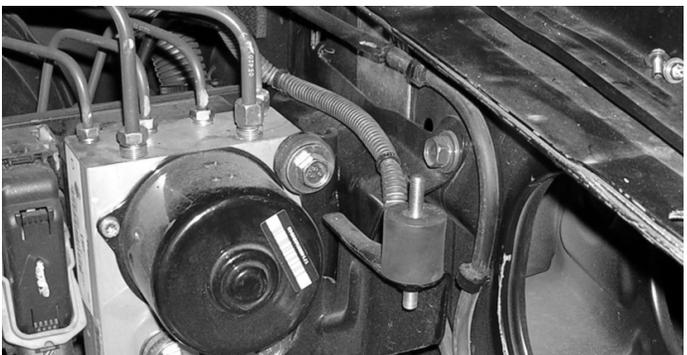
Remove screws holding the sensor in place and carefully slide the mass air sensor out of the sensor pad located on the air box outlet.



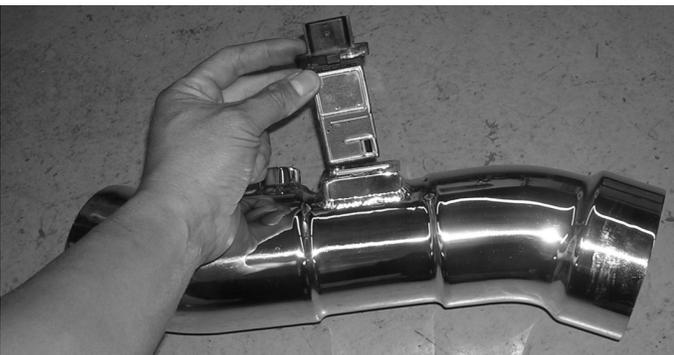
Remove flat filter panel from the filter box. Once filter has been removed, gently pull lower box out of the stock location.



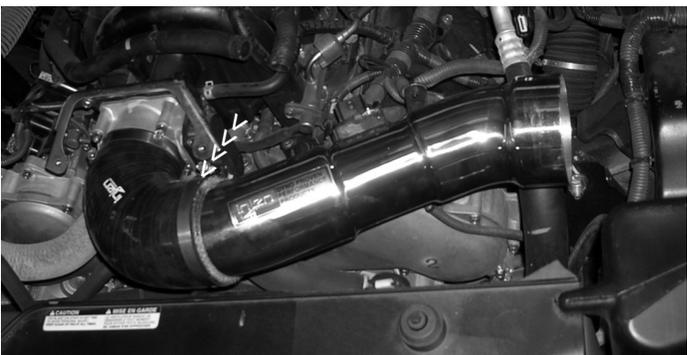
Place one large (.056) clamp over the end on 90 degree silicone elbow then press the 3 1/4" end over the throttle body. Semi-tighten the clamp located on the throttle body side.



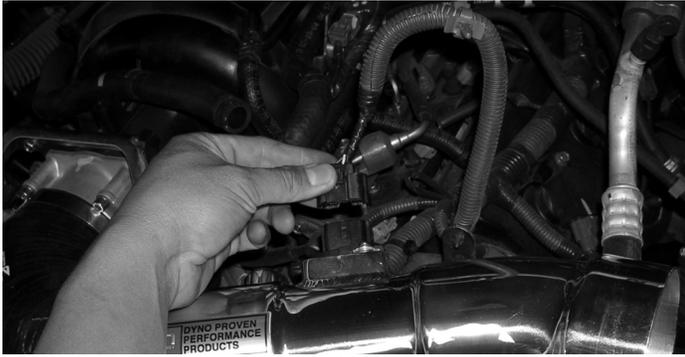
Find brace located in front of the ABS solenoid and screw vibra-mount into the brace until it bottoms out.



Insert the mass air sensor into the machined flange welded on the intake. Once the sensor has been firmly pressed into the flange, use stock screws to secure the sensor in place.



Take the assembled intake and press the 3 1/2" end into the silicone elbow. Do not tighten clamp located on the silicone elbow.



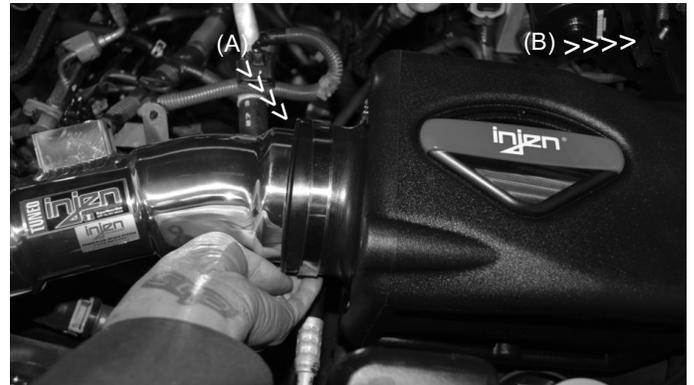
Take the harness clip and re-attach it to the air mass sensor until it snaps in place.



The bracket holes are lined up to the bolt pattern and the two M6 button head screws are used to secure bracket to air box. The bracket is now secured to the Power box.



The assembled Power box is lowered into the engine compartment. The 4 inch hose is pressed over the end of the intake (A) and the Power box bracket is lined up to the vibra-mount stud (B).



The Power box velocity stack base is connected to the intake (A) and the Power box bracket is lined up to the vibra-mount stud (B).



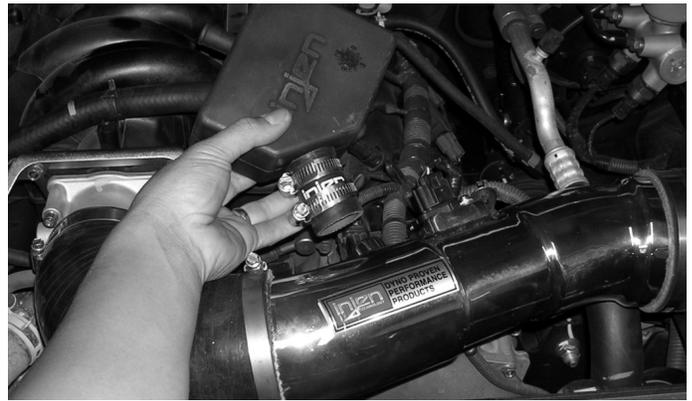
Align the Power box bracket to the vibra-mount stud and use the m6 nut and fender washer to secure the box in place.



Here is a side view of the Power box bracket connected to the vibra-mount stud.



Take the CCV connecting hose and press it over the CCV box port. Use the two small clamps to hold the hose in place and tighten the clamp on the port side.



Take the assembled CCV box and press over the large port located on the intake.



Locate the passenger side breather hose and press it over the CCV box port as shown in this picture.



Locate the driver side breather hose and press it over the CCV box port as shown in this picture.



The driver and passenger side crank case breather lines are now connected to the CCV box.



Use a utility knife to cut a small corner section as shown in this picture. Cut small sections at a time until a perfect fit is achieved,



The plastic intake manifold cover is placed back to its original location. The CCV box will fit snug under the cover.



Congratulations! You have just completed the installation of the World's first tuned intake system, the Power-Flow intake, featuring MR Technology. 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 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.