



**Part number PF1952**  
**2004-10 Infiniti QX56**  
**2004-12 Nissan Armada**  
**2004-12 Nissan Titan**  
**V8 5.6L**

- 1- Powerflow intake system
- 1- 4.0" Filter (#1026BB)
- 1- 3.25"X3.50" 90 degree elbow (#3145)
- 2- #16 clamps (#4017)
- 2- #56 Clamps (#4005)
- 1- 1 1/8" Straight hose (#3112)
- 1- 3 Port CCVbox (#6057)
- 1- vibramount (#6020)
- 2- M6 nuts (#6002)
- 2- Fender wahsers (#6010)
- 1- 4 page installation instructions.

**Congratulations! You have just purchased the best engineered, dyno-proven cold 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. In addition to removing the bumper, you will also have to remove the air resonator box, battery and tray when beginning this installation. **Injen strongly recommends that this system be installed by a professional mechanic.**

**MR Technology, "The World's First Tuned Intake System!"**

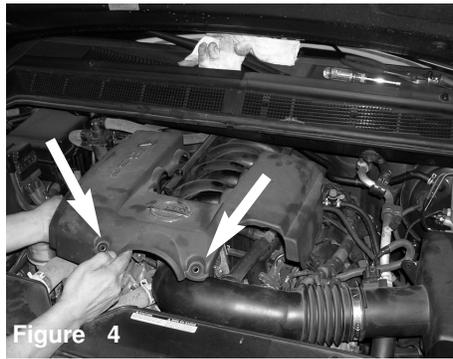
**Optimum performance, Factory safe air/fuel ratio.**



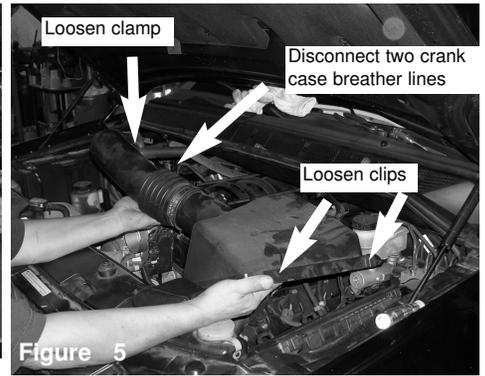
Figure 1



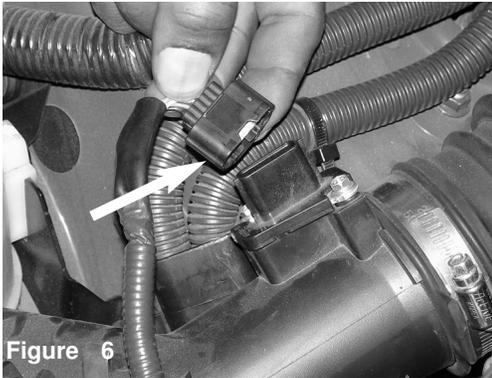
**Figure 3**  
OEM intake system.



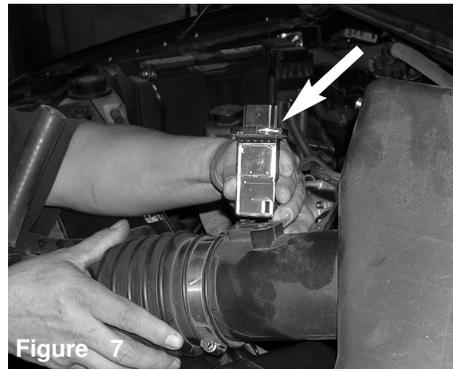
**Figure 4**  
**Only models equipped with an engine cover:**  
Use a 10mm socket and ratchet and remove the two 10mm bolts on the front of the engine cover. Lift up firmly on the rear to detach it from the grommets and then remove from the engine bay



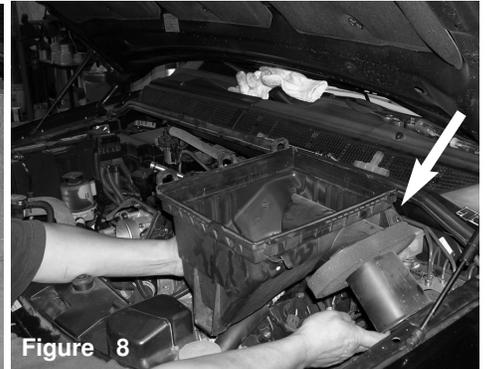
**Figure 5**  
Use a 10mm socket and ratchet to loosen the clamp on the throttle body. Then loosen the clips on the right side of the upper air box assembly. Then disconnect both of the crank case breather lines



**Figure 6**  
Unplug the MAF sensor harness from the MAF sensor



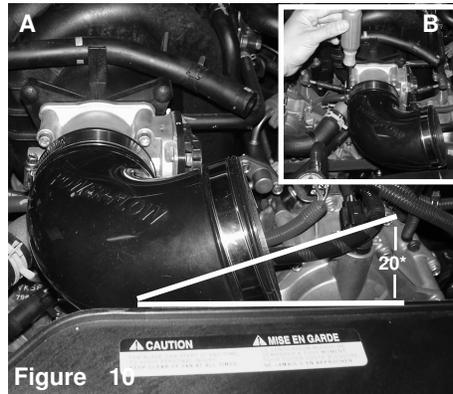
**Figure 7**  
Use a phillips screw driver to remove the two screws from the MAF sensor. The MAF sensor and two screws will be reused. Now remove the entire upper air box assembly.



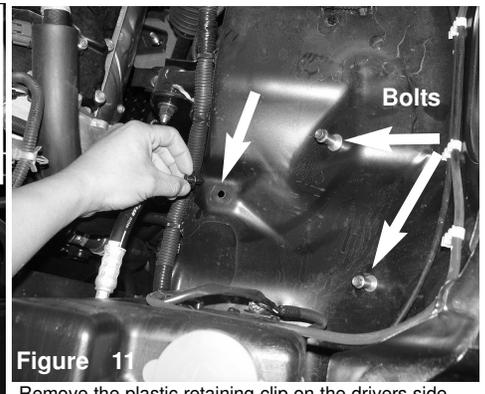
**Figure 8**  
Remove the 10mm bolt on the back side of the lower air box assembly and then firmly lift up the air box assembly to detach it from the grommets and then remove from the engine bay.



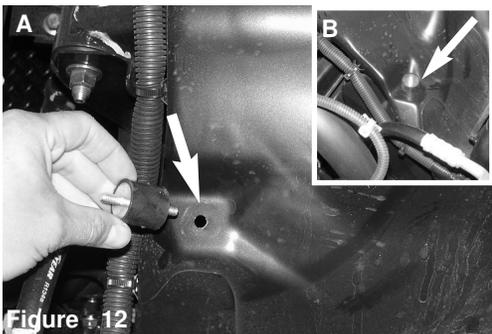
**Figure 9**  
Place the 3.25"X3.50 Elbow hose and two #56 clamps onto the throttlebody with the 3.25" side on the throttlebody.



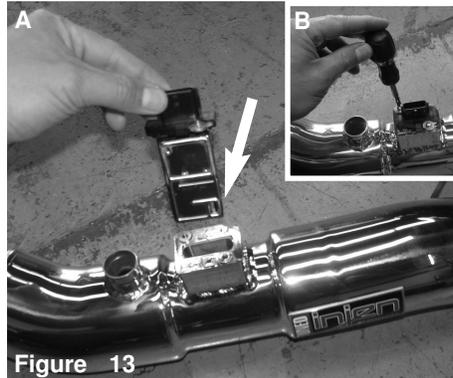
**Figure 10**  
**Figure A:** Position the hose at 20 degree angle for the best position. **Figure B:** Use a 8mm nut driver and tighten the clamp on the throttle body side only for now.



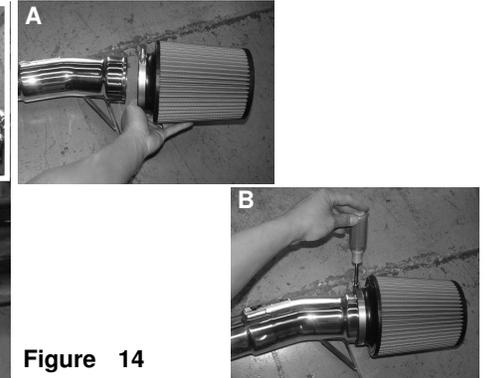
**Figure 11**  
Remove the plastic retaining clip on the drivers side wheel well located in the original location of the OEM air box assembly. You can use the two remaining bolts once attached to the lower air box assembly grommets as a reference point.



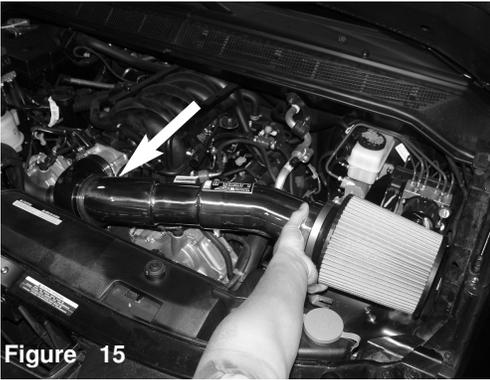
**Figure 12**  
**Figure A:** Place the vibramount into the hole where the plastic retaining clip was removed from figure 11. Also place one M6 nut and fender washer on the bottom side of the wheel well cover to secure the vibramount to the wheel well with a 10mm socket and ratchet. **Figure B:** Vibramount shown attached to wheel well



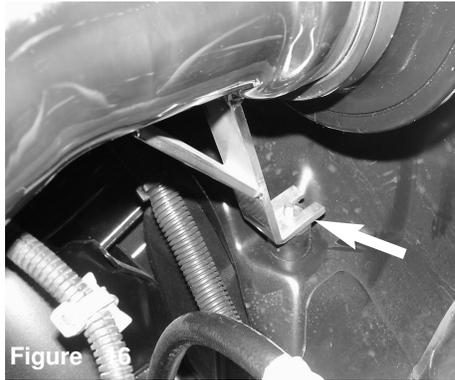
**Figure 13**  
**Figure A:** Place the OEM MAF sensor and two screws into the Injen MAF sensor adapter on the Injen intake pipe. **Figure B:** Use a phillips to tighten the screws to secure the MAF sensor to the adapter.



**Figure 14**  
**Figure A:** Place the Injen filter onto the 4.0" end of the intake pipe. **Figure B:** Use a 8mm nut driver to secure the filter to the intake pipe



**Figure 15**  
Place the intake pipe into the 3.25X3.50" elbow hose.



**Figure 16**  
Now align the intake bracket to the vibramount in figure 12.



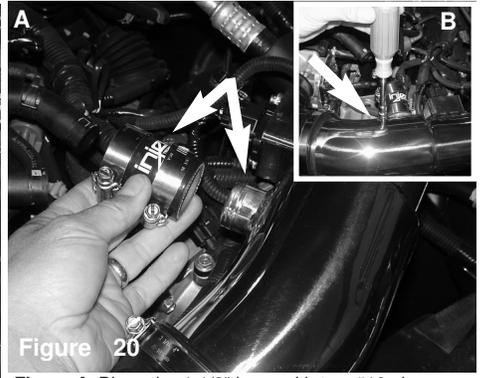
**Figure 17**  
Adjust the intake pipe for the best fitment and then tighten the clamp on the 3.25"X3.50" elbow hose to secure it to the intake pipe.



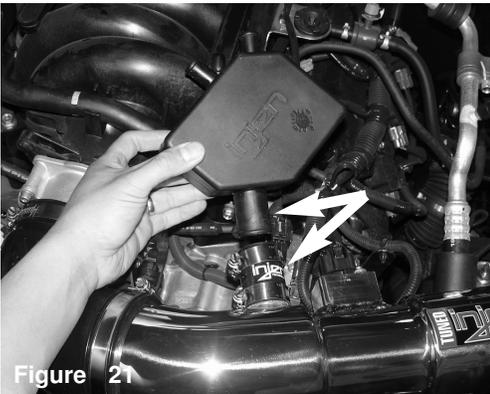
**Figure 18**  
Use a 10mm wrench and tighten the M6 nut on the vibramount, securing the intake bracket to the vibramount



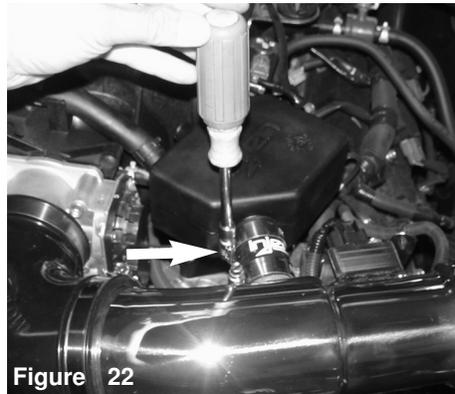
**Figure 19**  
Reconnect the MAF sensor harness to the MAF sensor.



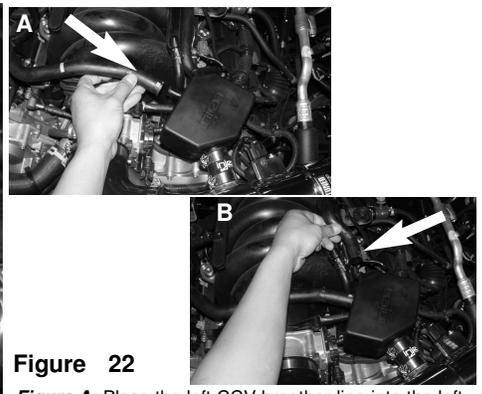
**Figure 20**  
**Figure A:** Place the 1 1/8" hose with two #16 clamps onto the 1 1/8" welded nipple on the intake pipe. **Figure B:** Only tighten the clamp on the welded nipple side for now.



**Figure 21**  
Place the 1 1/8" nipple on the Injen CCV box into the 1 1/8" hose installed prior in figure 20. **NOTE:** Use the photo for reference so the CCV box is installed in the correct direction.



**Figure 22**  
Once the CCV box is in place, continue to tighten the clamp on the CCV box side.



**Figure 22**  
**Figure A:** Place the left CCV breather line into the left nipple on the CCV box **Figure B:** Place the right CCV breather line into the top nipple on the CCV box. **NOTE:** Make sure you secure the CCV breather line using the factory tension clamps



**Figure 23**  
Your intake installation is now complete. Check the clearance on the pipe and make sure it does not make contact with any components in the engine bay. Start the car and make sure there is no CEL.



**Figure 24**  
Congratulations! You have just completed the installation of the World's first tuned intake system, the Injen Power Flow intake, featuring MR Technology and Air Fusion. Periodically, check the system for fitment, this will enhance the life of your Injen Power Flow system, failure to do so will void the warranty.

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](http://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.