



**Part number SP1969
2007-12 Nissan Sentra
2.0L 4 cylinder**

- 1- 3 piece cold air intake system
- 1- 2-3/4 Injen web/nano dry filter (#1010)
- 1- Molded silicone hose (#3046)
- 2- Power-bands #040 (#4003)
- 1- m8 vibra-mount (#6062)
- 1- m8 flange nut (#6017)
- 1- Fender washer (#6011)
- 1- m6 male/female vibra-mount (#6028)
- 1- m6 Flange nut (#6002)
- 1- Fender washer (#6010)
- 1- 7 page instruction

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 2

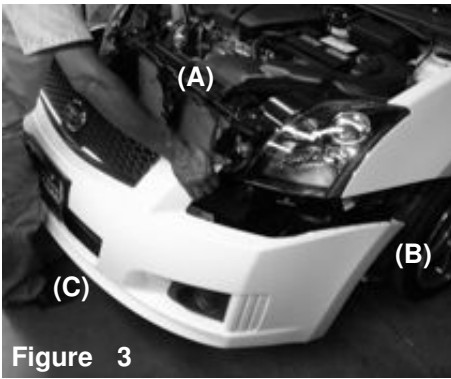


Figure 3

Remove all four clips on top bumper (A), two m6 bolts under the fender well(B), six phillips screws and five clips located under the bumper (C). Now carefully pull the bumper away from the frame.

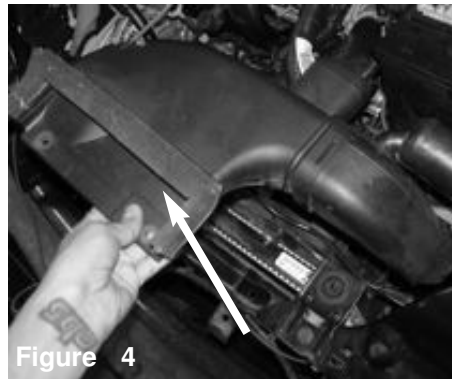


Figure 4

Remove the 2 push clips that hold in the factory snorkel unit and remove.

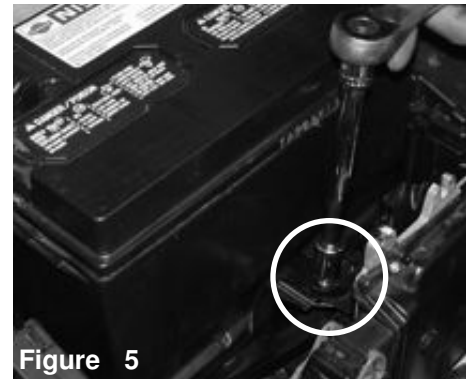


Figure 5

Loosen the m8 bolt located on the tray bracket, once the bolt has been loosened, this will allow the base of the battery to un-wedge itself from the tray.



Figure 6

Remove the battery cables and carefully pull the battery out of the engine compartment for now.

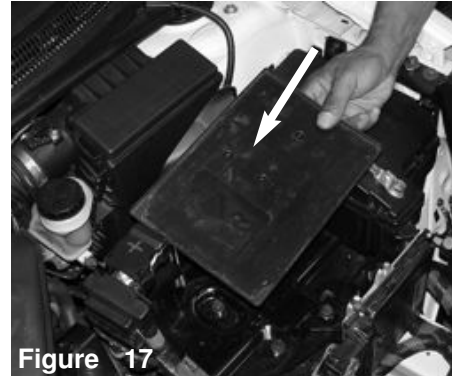


Figure 17

Remove the plastic battery tray from the metal battery holder, this will give you access to the five bolts under the plastic tray.

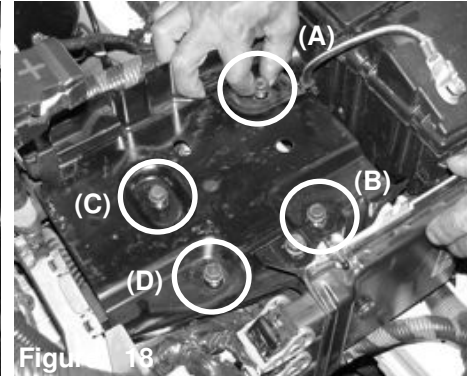


Figure 18

Loosen and remove all four m8 bolts from the battery tray as shown above. Start by removing bolt (A) from the metal battery tray.

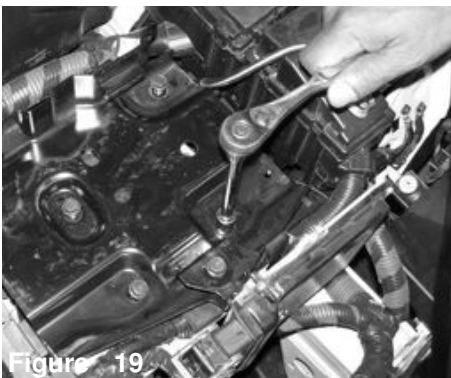


Figure 19

Remove the second bolt (B) from the metal battery tray.

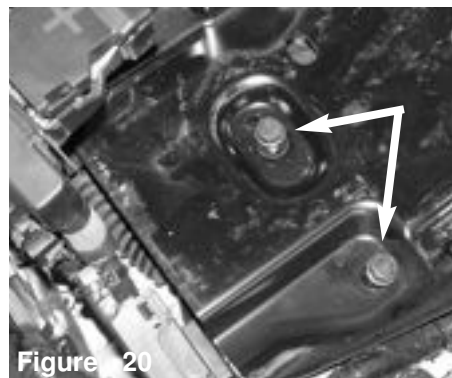


Figure 20

Bolts (C) and (D) are removed next. This will now give you access to the last m6 bolt securing the air box cleaner.

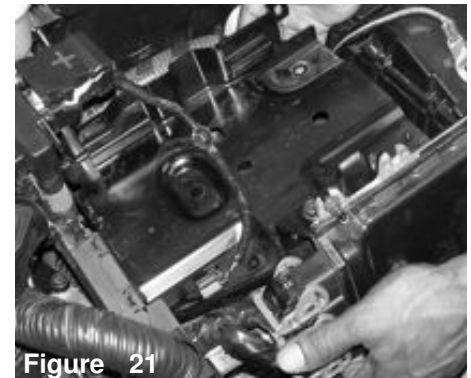


Figure 21

Once all four bolts have been removed, lift and tilt the tray over to one side to allow access to the last m6 bolt.



Figure 22

Now that the tray has been lifted out of the way, continue to loosen the m6 bolt located on the corner of the air box.



Figure 23

The m6 bolt located over the extended leg on the air box cleaner is now being removed.

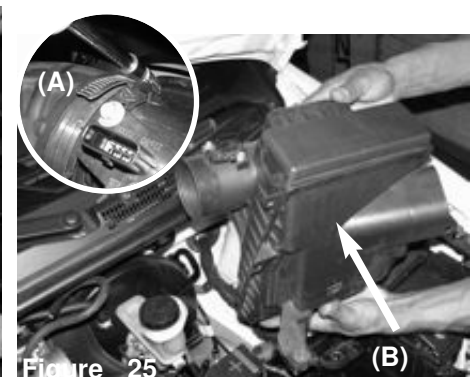


Figure 25

Loosen the clamp on the air box using 8mm nut driver(A) The air box cleaner is now ready to be pulled out from the engine compartment(B)



Figure 15

Place the plastic battery tray over the metal battery holder and set the battery back to its original location. Re-secure the battery and continue the install.

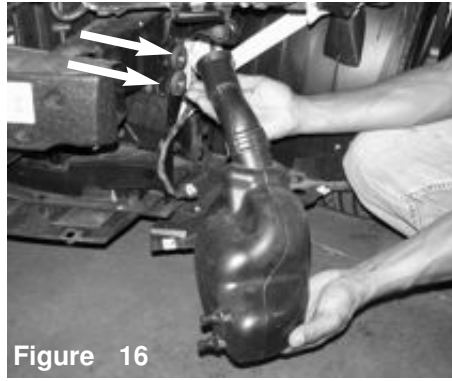


Figure 16

Remove the resonator from the vehicle.

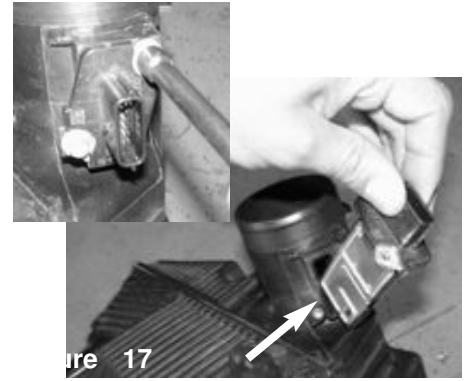


Figure 17

Loosen the MAF sensor using 7mm nut driver and remove the sensor. Save screws for later install.

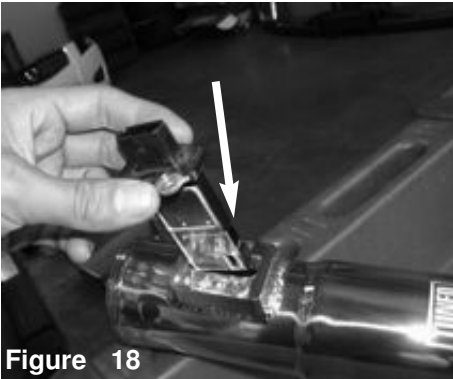


Figure 18

Install the MAF sensor into the intake tube.

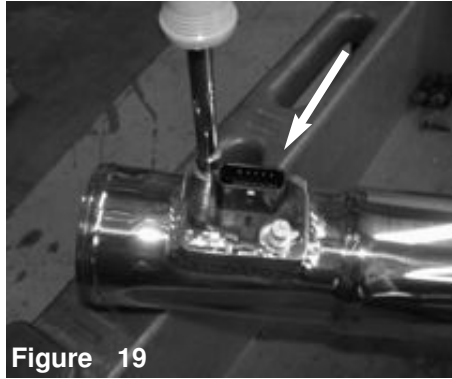


Figure 19

Now secure the MAF sensor using the factory screws and tighten using 7mm nut driver.

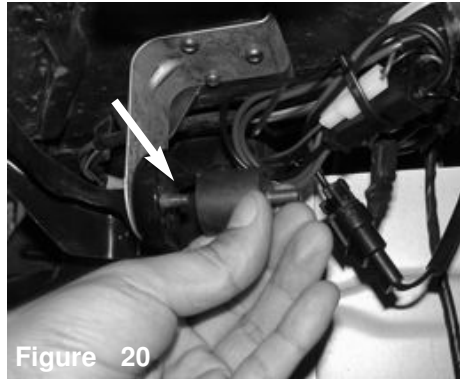


Figure 20

Locate the M6 threaded stud under the headlight. Now secure the female side to the vibra mount and tighten.

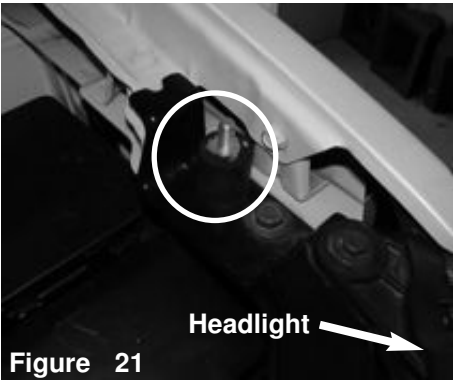


Figure 21

Locate near fender where there are 2 bolts. Loosen the 2nd bolt, using 13mm socket and extension, closes to the firewall. Remove and secure with provided M8 vibra mount.



Figure 22

Now install the molded silicone hose behind the headlight. Install the injen logo side first down.



Figure 23

Position like image above. Make sure any wires are not in the way of the silicone hose.

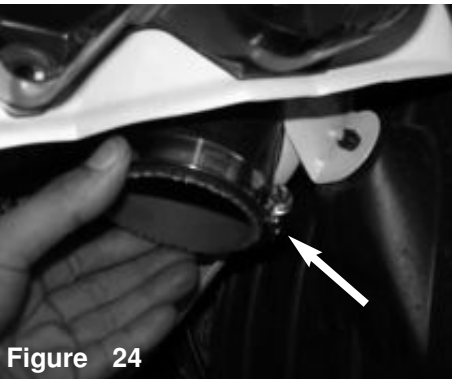


Figure 24

Now when positioned like above attach the clamp to the silicone hose.

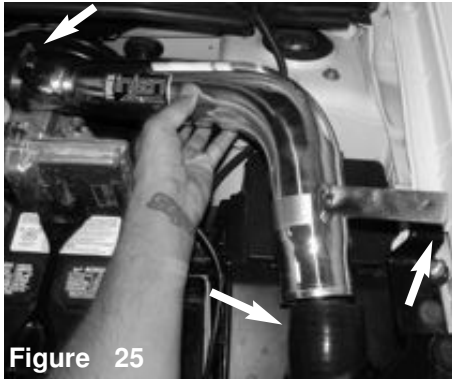


Figure 25

Install the upper intake tube and position the bracket to the vibra mount, and to the stock hose connected to the throttle body and silicone hose. DO NOT TIGHTEN<



Figure 26

Secure the bracket using M8 nut and washer. DO NOT TIGHTEN<

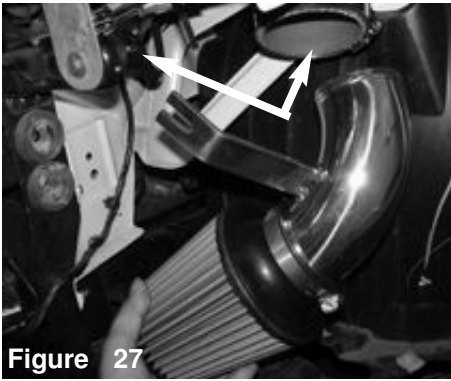


Figure 27
Install the filter to the lower intake assembly tube. Now position bracket to the vibra mount and silicone hose. DO NOT TIGHTEN<

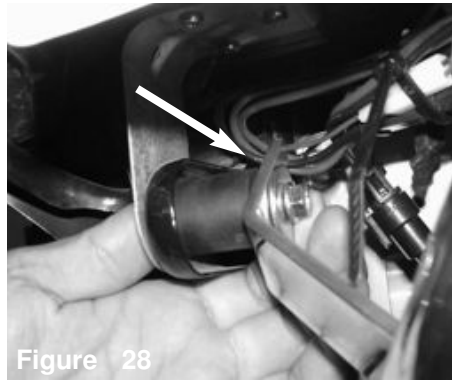


Figure 28
Secure the bracket using provided M6 nut and washer. DO NOT TIGHTEN<

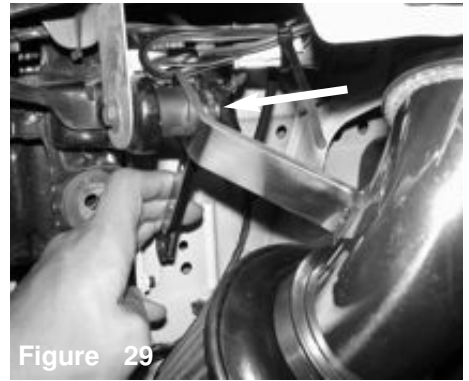


Figure 29
Now position for the best fit, check clearance with the whole intake system and tighten the bracket using 10mm wrench. Tighten clamp using 8mm nut driver.

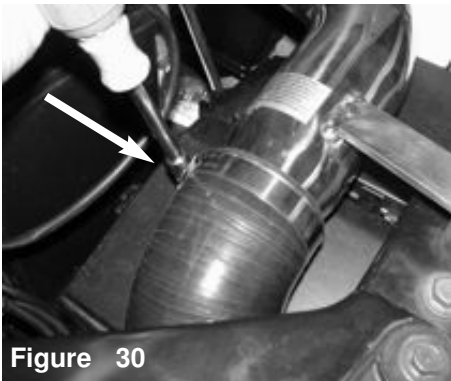


Figure 30
Position for best fit and tighten clamp using 8mm nut driver.



Figure 31
Position for best fit and tighten using 8mm nut driver.

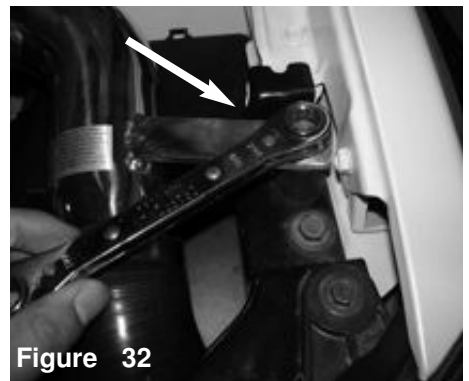


Figure 32
Secure the bracket and tighten using 12mm socket and or wrench.



Figure 33
Re-connect the MAF sensor harness. Re-connect the battery and re-install the bumper cover.



Figure 34
Congratulations! You have just completed the installation of this intake system. Periodically, check the alignment of the intake, normal wear and tear can cause nuts and bolts to come loose. **Note: Check clearance and adjust if needed! Failure to check the alignment and adjust the intake can cause damage that will void the warranty. Injen Technology is not responsible for any damages caused by/from improper installation.**

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.