injen TECHNOLOGY
www.injen.com



Part number IS1900
1995-96 Nissan 240sx
2.4L 4 cyl. S14

1- Short Ram intake system
1- 3" Injen tuned filter (#1014)
2- 2 3/4" straight hose (#3043)
1- cast aluminum flange (#FIS1900)
4- Power-Bands .312 .040 (#4003)
4- m6 x 25mm bolts (#6006)
1- 5 page instruction

Note: All parts and accessories are now sold on-line at:
"injenonline.com"
Maintain your filter with the all new filter charger kit X-1030 and Hydro-Shield X-1033

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"


Figure 1


Figure 2 EIS1900 extension sold separately

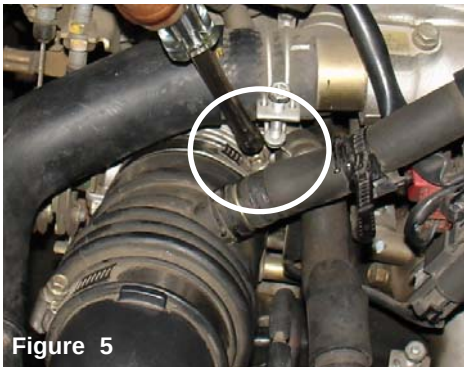
Hydro-Shield used X-1033
Sold separately




Figure 3



Stock view of the 240sx.



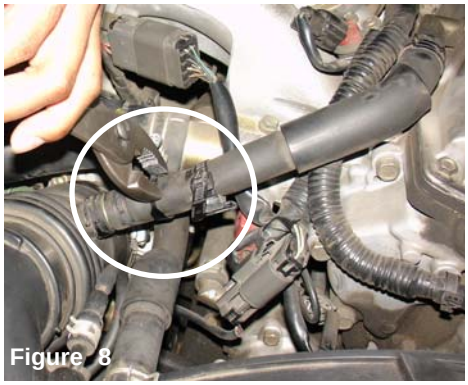
Loosen the clamp on the throttle body intake duct.



Depress the upper tab on the harness clip and disconnect the harness clip from the mass air flow sensor.



Depress the tab on the harness clip connected to the air temperature sensor and remove the harness clip.



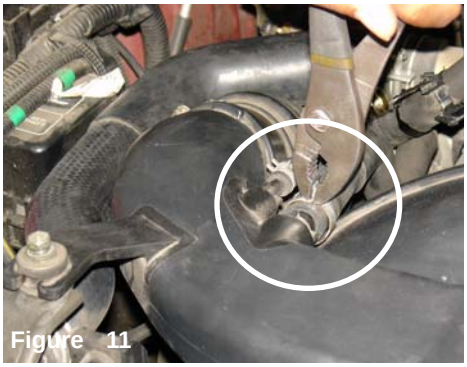
Using a set of pliers, depress the tension clamp on the hose and pull the clamp away from the air intake port.



Once you have removed the tension clamp, continue to disconnect the CVC breather hose from the air intake port.



Disconnect the vacuum switching valve line from the air intake port coupler.



Depress the tension clamp on the air bypass line and pull the tension clamp away from the air intake port as shown above.



The air bypass line is disconnected from the air intake port.



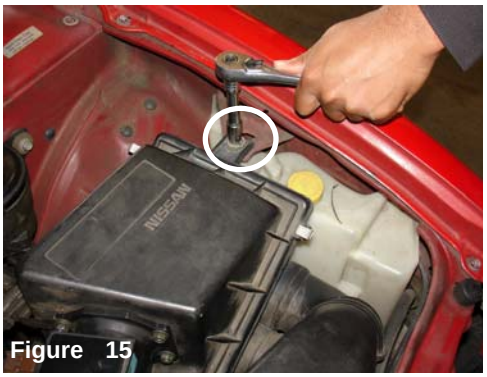
Loosen the m6 bolt from the radiator bracket as shown above.



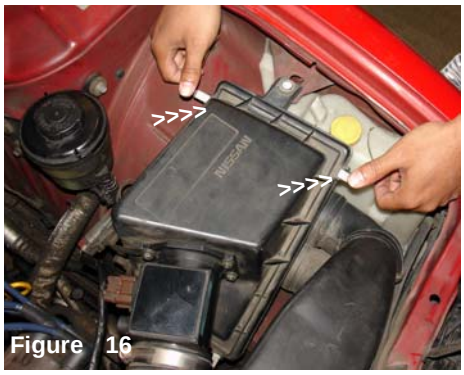
Remove the bolt located over the fan shroud. This will allow you to remove the air intake.



Loosen and remove the two m6 bolts holding the air scoop over the cross member.



Loosen and remove the m6 bolt holding the top air box to the fender well brace.



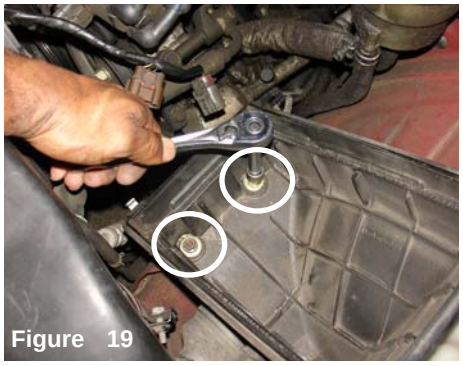
Disconnect the two clamps connecting the top air box to the lower air box.



Once all clamps and bolts have been removed, continue to pull the air intake out along with the top air box cleaner.



Here is another view of the air box cleaner and air intake pipe being pulled out of the engine compartment. Notice that the air filter panel is also pulled out.



once you have pulled off the top air box lid, continue to loosen and remove the two m6 bolts located on the bottom of the air box.



Now that the four bolts have been remove, continue to pull the front air scoop and lower air box cleaner for the engine compartment.



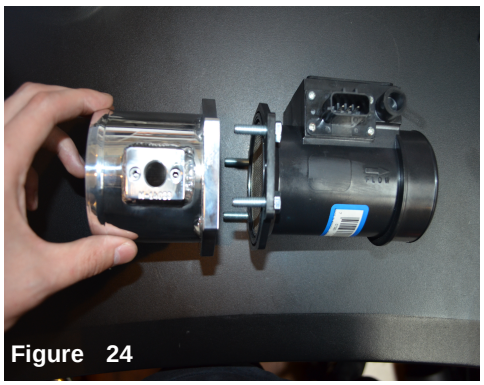
Press the 2 3/4" straight hose over the throttle body, use two power-bands on the hose but only tighten the clamp on the throttle body for now.



Remove the first bolt from the mass air flow sensor housing that holds the harness bracket and harness clip.



Remove the additional m6 bolts from the air box cleaner top and remove the mass air flow sensor as shown above.



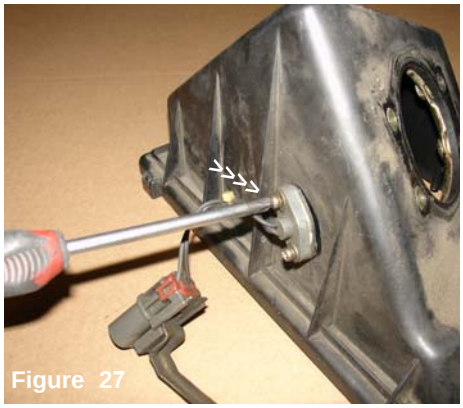
Secure the MAF sensor to the MAF adapter.



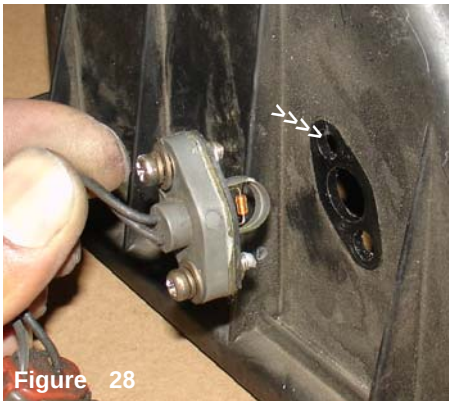
Press the 2 3/4" straight hose over the mass air flow sensor, use two power-bands on the straight hose. Tighten the clamp located on the mass air flow sensor.



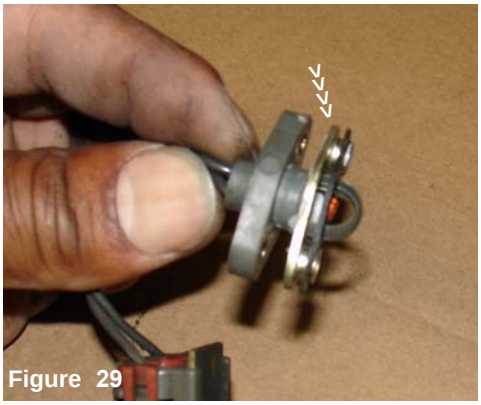
The mass air flow sensor, filter flange, straight hose and power-bands are now assembled.



Loosen the two small screws from the air temperature sensor that fastens it to the upper air box cleaner.



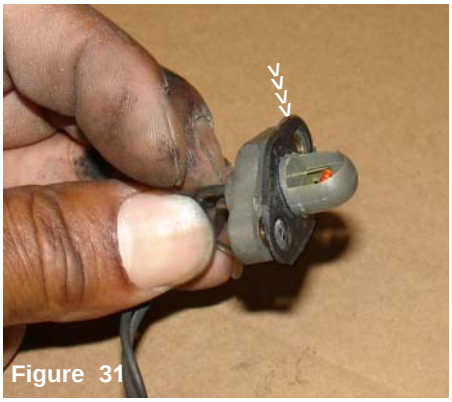
The screws are loosens and the air temperature sensor is removed from the air box top.



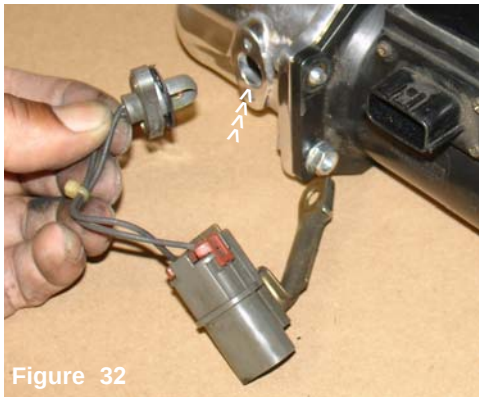
Use a screw driver to pry lose the metal spacer that is glued to the air temperature sensor.



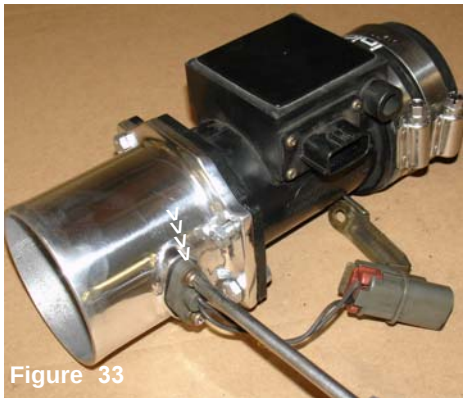
Here, the metal spacer is removed from the air temperature sensor along with the gasket. The gasket is replaced and used in the application.



The gasket is placed on the air temperature sensor as shown above.



The sensor is now inserted into the sensor pad located on the filter flange. The stock screws are used to fasten the air temperature sensor to the sensor pad.



The screws are fastened to the sensor pad.



The sensor bracket is attached to the mass air flow sensor bolt.



Take the Injen intake and lower it into the engine compartment, over the fan shroud. The intake is pressed into throttle body hose.



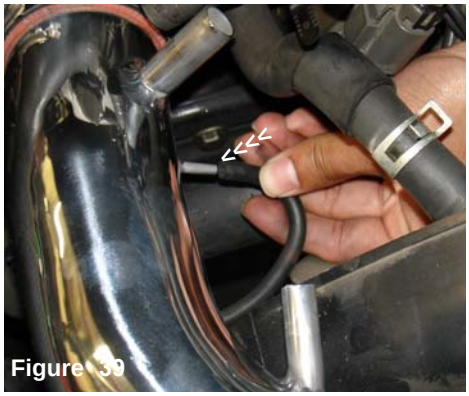
The intake bracket is lined up to the fan shroud threaded hole.



The air intake is in place and ready to secured.


Figure 38

The stock bolt is used to fasten the intake to the fan shroud.


Figure 39

The vacuum switching valve line is pressed over the 5mm vacuum port.

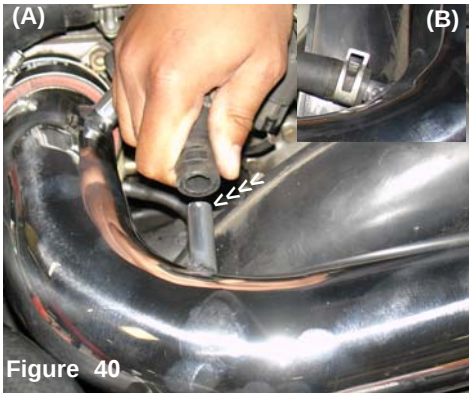
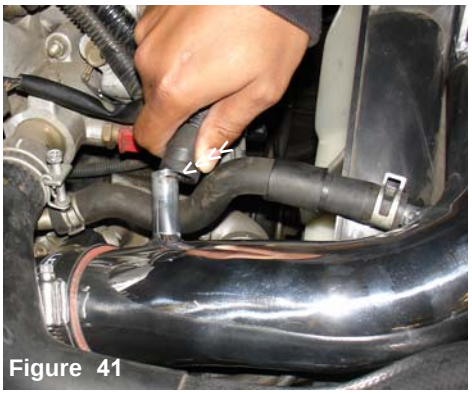


Figure 40

The air bypass line is now pressed over the large intake port by the fan shroud (A). The stock clamps are used to secure the hose over the intake port (B).


Figure 41

The CVC line is pressed over the large intake port by the throttle body. Use the stock clamps to secure the hose to the intake port.


Figure 42

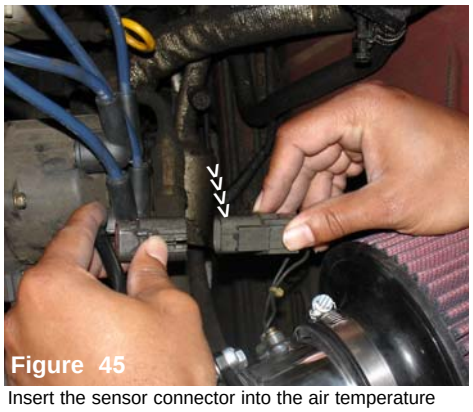
The assembled mass air flow sensor is now pressed over the end of the intake, Semi-tighten the power-band once the air sensor has been adjusted.


Figure 433

Take the filter and press it over the intake end. Once the intake is butted up against the filter stops, continue to tighten the filter clamp.


Figure 44

Press the electrical sensor harness clip over the sensor until it snaps in place.


Figure 45

Insert the sensor connector into the air temperature sensor clip as shown above.


Figure 46

Congratulations! You have now completed the installation of this intake system. Periodically, check the fitment of your intake to check for shifting that can cause damage to your engine.

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.