



**Part number RD1930
98-99 Nissan Maxima V6**

- 1- 2 Piece Intake system (CA)
- 1- 3" Injen filter (#1017)
- 1- 3" billet RD1930 adapter (#14012)
- 1- 2 3/4" Straight hose (#3043)
- 1- 3 1/4" Straight hose (#3045)
- 1- 3" Straight hose (#3044)
- 2- Power-Bands(.040)(.312) (#4003)
- 2- Power-Bands(.048)(.362) (#4004)
- 2- Power-Bands(.056)(.412) (#4005)
- 1- 19" 15.9 mm vacuum hose (#3080)
- 2- m6 x m25 bolts (#6006)
- 1- m6 flange nut (#6002)
- 1- m6 fender washer (#6010)
- 3- M6 x m16 bolts (#6005)
- 2- Small zip ties (#8001)
- 1- 4 Page instruction

Note:

Replacement parts and accessories are now available on-line at:

"injenonline.com"

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



Figure 1

Now available, Hydro Shield by Injen
Part Number X-1035



Hydro Shield Sold Separately



Slip the 2 3/4" straight hose over the throttle body and use two clamps

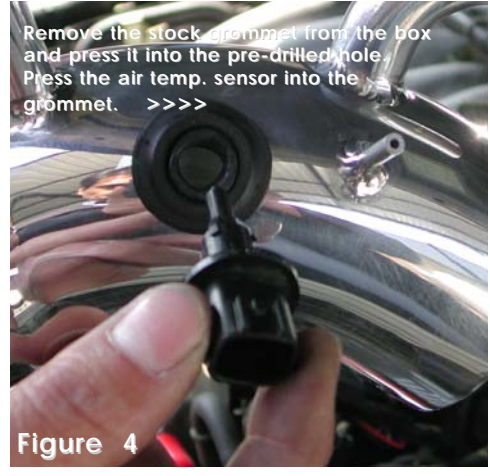
The stock hose is connected to the 5/8" nipple on the intake. <<<<<<

Figure 2



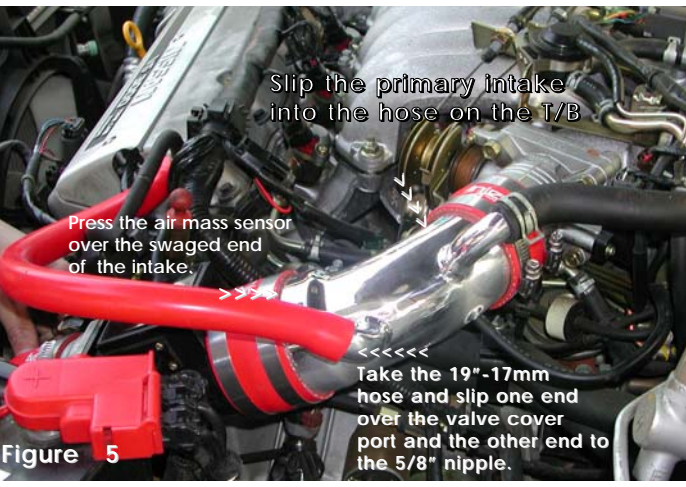
Remove the stock bolt and use the m6 x m25 bolt and fender washer.

Figure 3



Remove the stock grommet from the box and press it into the pre-drilled hole. Press the air temp. sensor into the grommet. >>>>

Figure 4

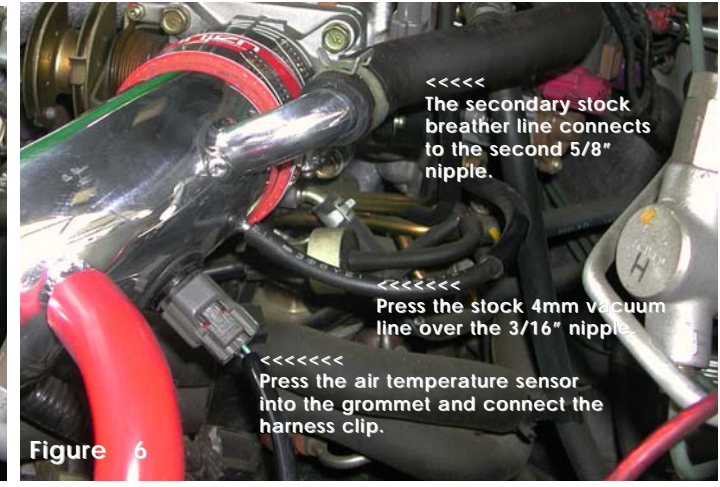


Slip the primary intake into the hose on the T/B

Press the air mass sensor over the swaged end of the intake.

<<<<<< Take the 19"-17mm hose and slip one end over the valve cover port and the other end to the 5/8" nipple.

Figure 5

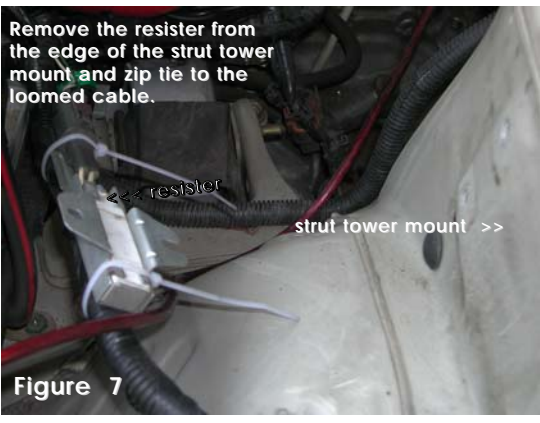


<<<<<< The secondary stock breather line connects to the second 5/8" nipple.

<<<<<< Press the stock 4mm vacuum line over the 3/16" nipple.

<<<<<< Press the air temperature sensor into the grommet and connect the harness clip.

Figure 6

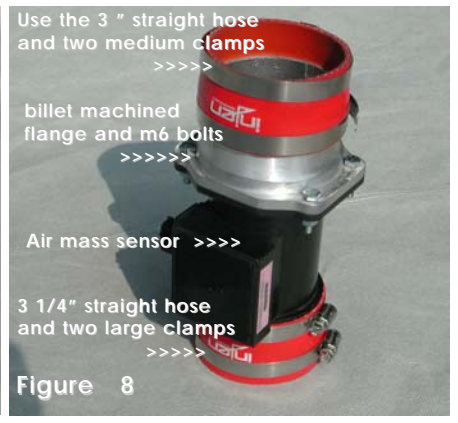


Remove the resistor from the edge of the strut tower mount and zip tie to the loomed cable.

<<< resistor

strut tower mount >>

Figure 7



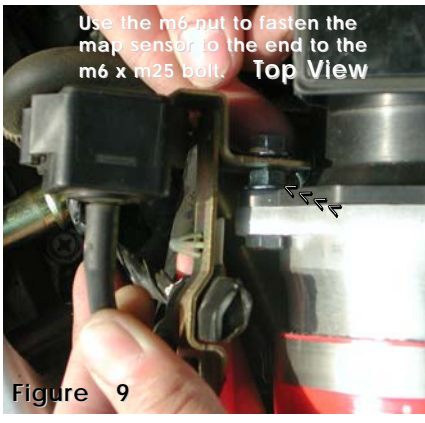
Use the 3" straight hose and two medium clamps >>>>

billet machined flange and m6 bolts >>>>>>

Air mass sensor >>>>

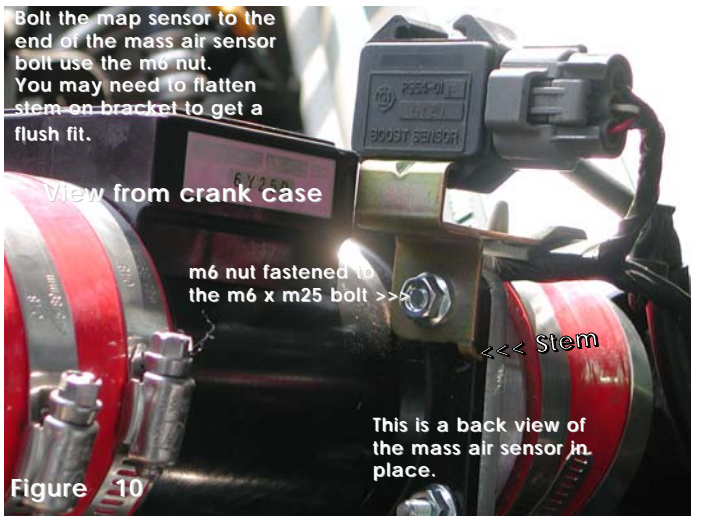
3 1/4" straight hose and two large clamps >>>>

Figure 8



Use the m6 nut to fasten the map sensor to the end to the m6 x m25 bolt. Top View

Figure 9



Bolt the map sensor to the end of the mass air sensor bolt use the m6 nut. You may need to flatten stem on bracket to get a flush fit.

View from crank case

m6 nut fastened to the m6 x m25 bolt >>>

<<< Stem

This is a back view of the mass air sensor in place.

Figure 10

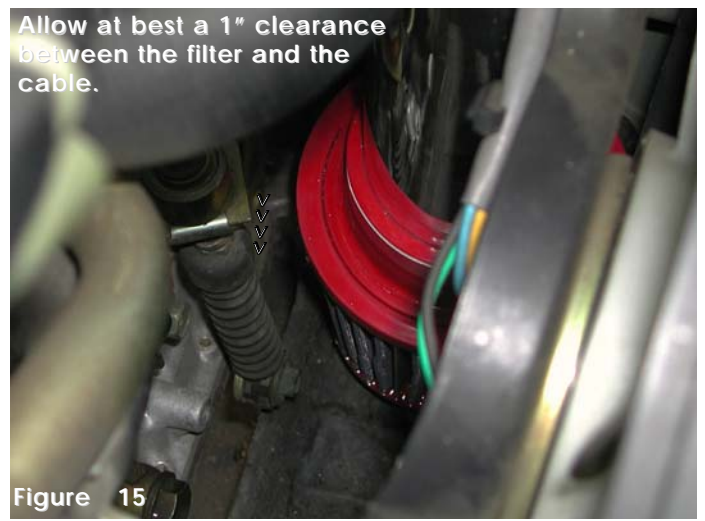
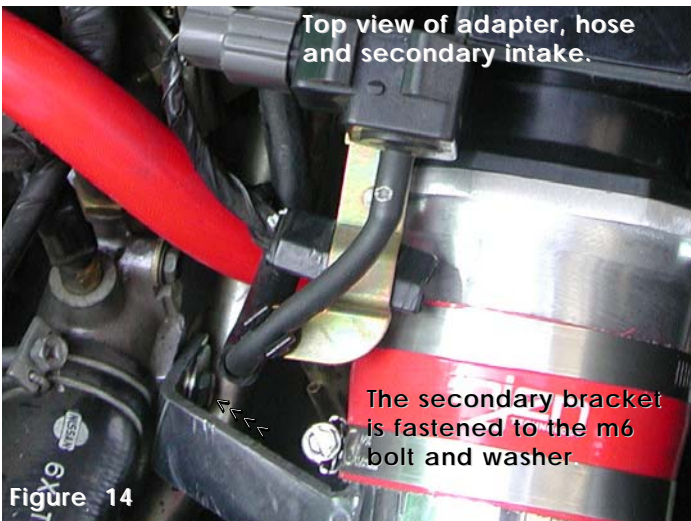
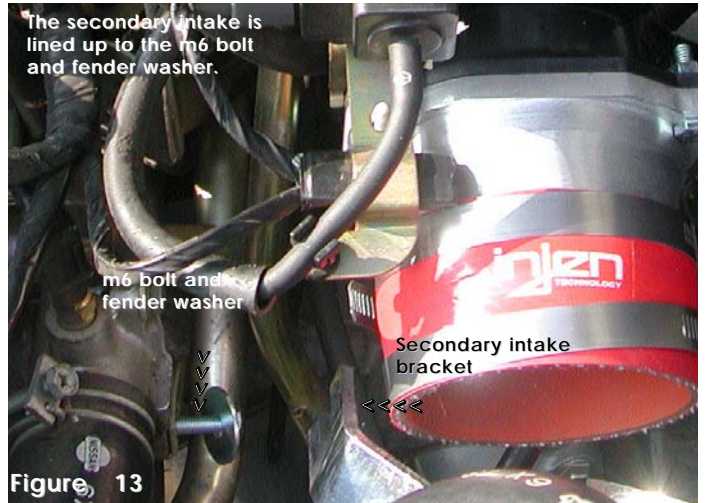
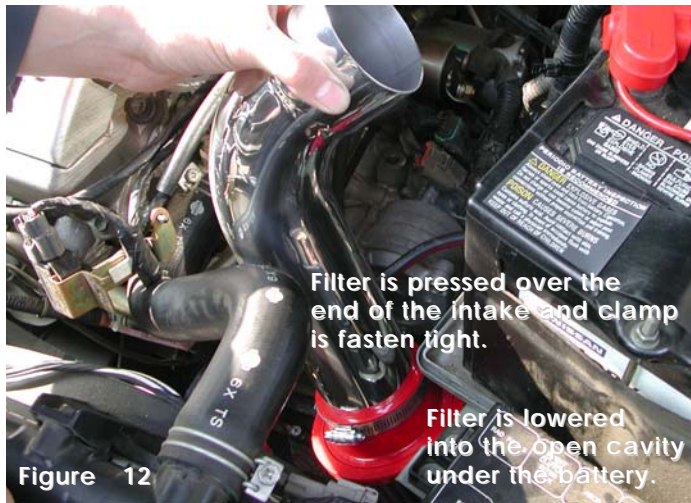


Primary intake, air mass sensor assembly and breather hose is seen here.

Valve cover

3" nose on adapter >>

Figure 11



Note: Disconnect the negative battery terminal before starting this installation.

1. Remove the air intake box and air intake duct leading to the throttle body and disconnect the vacuum lines on the air intake duct and air box. Remove the air temperature sensor and grommet from the air intake duct to be used later in the instructions.
2. Slip the 2 3/4" straight hose over the throttle body and use two clamps. Tighten the clamp on the throttle body at this point. (See fig. 2)
3. Remove the stock bolt on the thermostat housing and replace it with the m6 x 25 bolt and fender washer. (See fig. 3)
4. Unbolt the flat resistor on the edge of the strut tower mount and use the two zip ties to fasten it safe on the loomed cable at the base of the battery. (See fig. 7)
5. Take the 3" straight hose, the mass air sensor, four medium clamps, 3 1/4" straight hose, billet machined adapter, 3- m6 x m16 and 1-m6 x m25 bolts. The 3 1/4" hose will slip over the end of the MAF sensor use two clamps and tighten the clamp on the MAF sensor. The machined adapter will butt up against the flat end of the adapter use the 3-m6 x m16 bolts and one m6 x m25 bolt. The m6 x m25 bolt will screw into the top of the adapter facing the valve cover. (See figs. 9, 10 and 11) Press the 3" straight hose over the adapter and use two clamps tighten the clamp on the adapter at this point. (See fig. 8)

6. Take the primary intake and press the stock grommet into the pre-drilled hole in the intake. Press the air temperature sensor into the grommet and slip the primary intake into the 2 3/4" straight hose on the throttle body, semi-tighten the clamp at this point. (See figs. 4, 5 and 6).
7. Connect the secondary breather line by the throttle body over the 5/8" nipple on the intake and use the stock clamp. (See figs. 2 and 6) Press the 4mm stock line over the 3/16" nipple on the intake. (See fig. 6) Reconnect the harness clip to the air temperature sensor. (See fig. 6) Take the 19"-17mm hose and press one end over the port on the valve cover and the other end over the nipple on the primary intake. (See figs. 5 and 11)
8. Take the assembled air mass sensor, the m6 nut provided. Place the stock bracket on the map sensor over the m6 x m25 bolt screwed into the top adapter. (See figs. 9 and 10) You may need to flatten the small stem on the bracket in order to get the bracket to sit flush behind the mass air sensor use the m6 nut to fasten in place. (See figures 10)
9. Press the open end of the 3 1/4" hose on the assembled mass air flow sensor over the swaged end of the primary intake. Semi-tighten the clamp at this point. (See fig. 11)
10. Take the secondary intake and 3" filter and press the filter over the long straight end of the intake. Tighten the clamp on the filter at this point. (See fig. 12)
11. Lower the secondary intake into the open cavity below the battery and press the top end into the 3" straight hose on the air mass sensor adapter. Align the bracket on the secondary intake to the m6 x m25 bolt and fender washer placed on the thermostat housing, semi-tighten the bolt to hold the intake in place. (See figs. 12, 13, 14 and 15)
12. **Important:** Make sure all vacuum lines, air temperature sensor, map sensor harness and mass air sensor harness are connected properly before moving on to the next step.
13. Align the entire cold air intake for best fit. When proper clearance has been made through-out the length of the intake continue to tighten all nuts, bolts and clamps. (See figures 1 and 15)
14. Remove all tools and rags from the engine compartment and reconnect the battery terminal. Again check all lines and sensor harness clips before starting the engine.
15. Congratulations! You have just completed the installation.