



**Part number RD1940
2002-2003 Nissan Maxima
3.5 V6**

- 1- 2 pc. Cold Air Intake
- 1- 3" Dyno-Tuned Filter (#1017)
- 1- 3" Composite adapter (#14032)
- 2- 3.00" straight hose (#3044)
- 1- 3.25" straight hose (#3045)
- 1- 16"-17mm vacuum hose (#3217)
- 6- SAE 048 Clamp (#4004)
- 4- m6 x m16 bolts (#6005)
- 1- m6 x m25 bolt (#6006)
- 1- Fender washer (#6010)
- 1- 4 Page instructions

Note: Injen Technology now offers parts and accessories 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



Figure 1



Figure 2



Figure 3

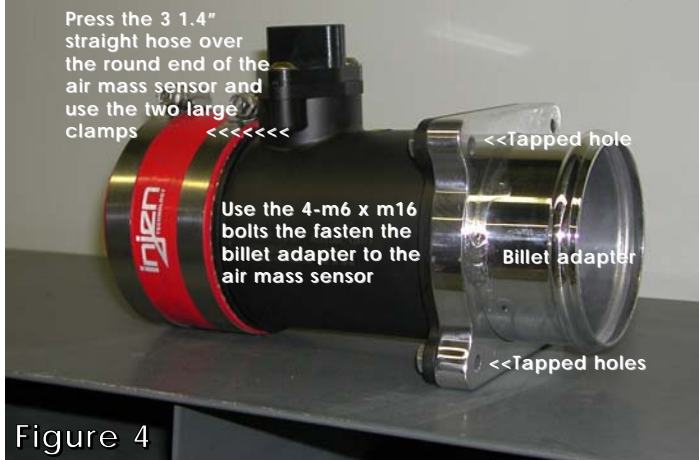


Figure 4



Figure 5

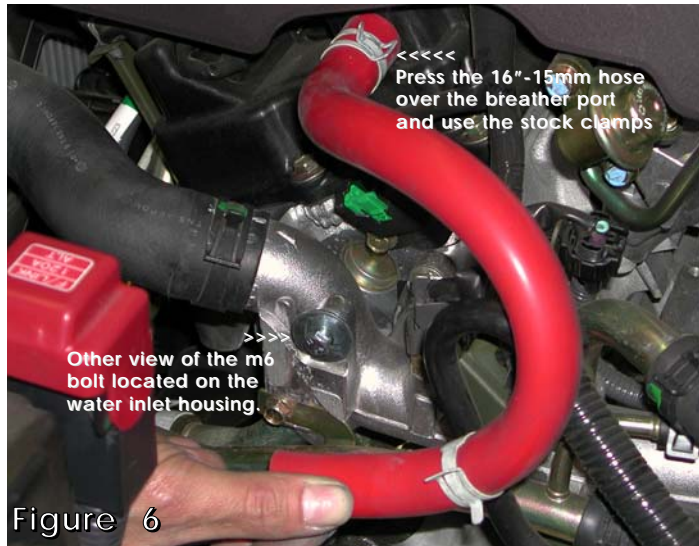


Figure 6

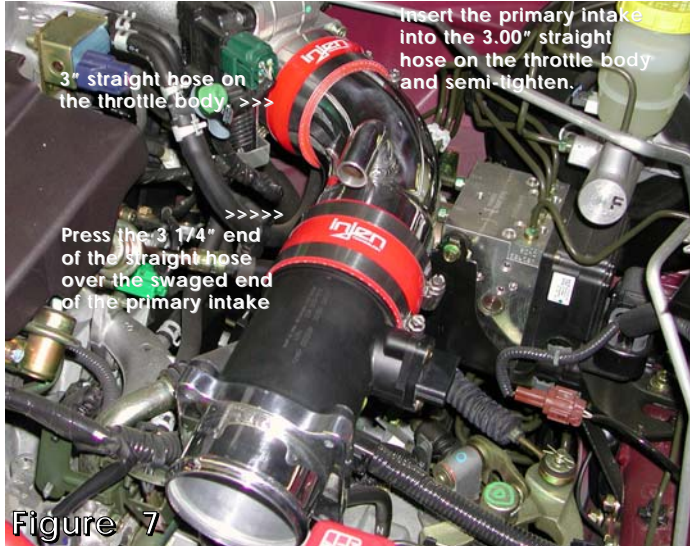


Figure 7



Figure 8

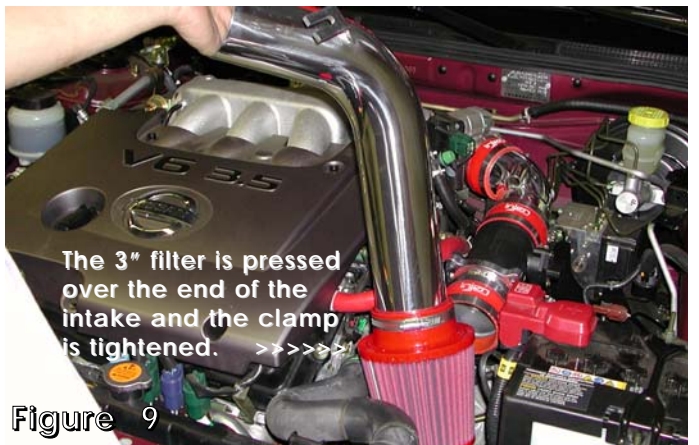


Figure 9



Figure 10



Figure 11

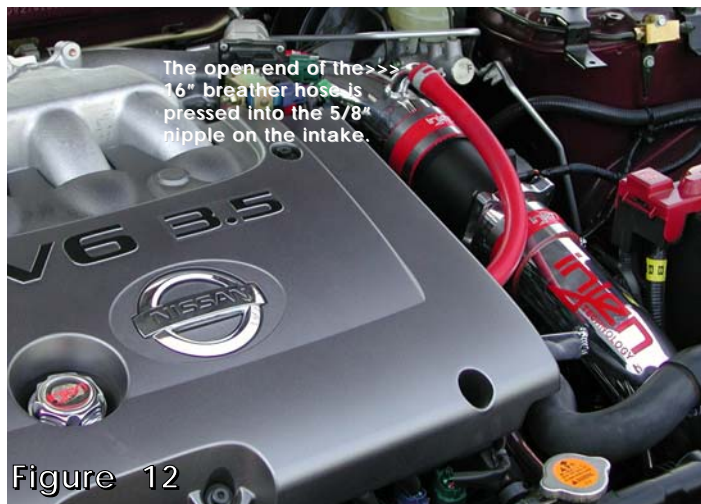


Figure 12

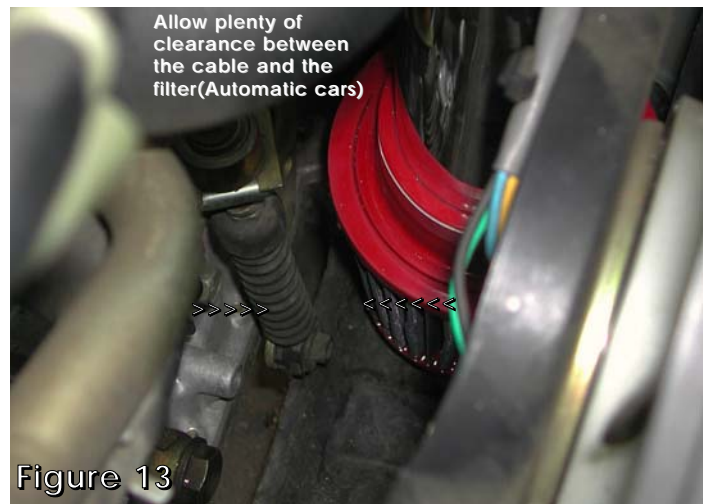


Figure 13

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. Disconnect the breather line but do not remove it yet. Remove the air mass sensor from the air intake box to be used later in the instructions.
2. Take the 3.00" straight hose and slip it over the throttle body and use two clamps tighten the clamp on the throttle body at this point. (See fig. 2)
3. Remove the bolt located on the water inlet housing and replace it with the m6 x m25 bolt and fender washer in this kit. (See fig. 3)
4. Take the 3 1/4" straight hose, air mass sensor, billet adapter 4- m6 x m16 bolts and 2- medium clamps. Assemble them together place the 3 1/4" hose over the round end of the air mass sensor and use the 2 clamps, tighten the clamp on the air mass sensor. Butt the billet adapter to the flat end of the air mass sensor and use the 4- m6 x m16 bolts to bolt the adapter to the air mass sensor. (See fig. 4)
5. The harness clip removed earlier from the air mass sensor will need to be lengthen. Unplug the two plastic clips that are pressed into the brace located on the edge of the strut tower. This will allow you to reconnect the harness to the air mass sensor when it is relocated. (See figure 5)

6. Take the 16"-15mm breather hose and replace the stock black breather line on the valve cover. Press one end over the valve cover port be sure to use the stock clamps. (See fig. 6)
7. Press the short primary intake into the 3.00" hose on the throttle body and semi-tighten the clamp. (See fig. 7)
8. Slip the entire assembled air mass sensor over the swaged end of the primary intake and semi-tighten the clamp on the 3 1/4" hose. (See figure 7)
9. Connect the harness clip to the air temperature sensor at this point. (See fig. 7)
10. Take the 3" straight hose and slip it over the beaded end of the billet adapter use two clamps and tighten the clamp on the adapter. (See figures 7 and 8)
11. Take the Injen filter and press it over the end of the secondary intake and tighten the clamp on the filter. (See fig. 9)
12. Take the assembled secondary intake and insert the filter end into the position. See fig. 9
Once the filter end is set down below the fan and the cable area as seen in figure 13 line up the bracket to the m6 x m25 bolt and fender washer. (See fig. 10 and 11)
13. Press the top end of the secondary intake into the 3" straight hose on the adapter and tighten the clamp on the 3" hose. Align the filter end of the secondary intake for best clearance making sure there is at least a 1" clearance around the filter. (See fig. 10 and 13)
14. Align the entire intake assembly for best fit. Make sure there is no rubbing anywhere along the length of the intake especially down on the filter end by the cable(automatic). (See figs.1 and 13)
Once proper clearance has been made continue to tighten all nuts, bolts and clamps.
16. Press the other end of the 16"-15mm hose over the 45 degree 5/8" nipple on the intake and use the stock clamp to fasten in place. (See fig. 1)
17. Check all vacuum lines, harness clips and sensors. Make sure they have all been connected properly before starting the engine.
18. Remove all tools and rags from the engine compartment and reconnect the battery terminal.
19. Congratulations! You have just completed the installation.