



Part number RD1979
2002-03 Nissan Altima
3.5L V6

- 1- 2 piece Injen intake system (CA)
- 1- 3.50" Injen filter (#1015)
- 1- 3" Comp. spiral fin adapter (#14032)
- 1- 3" straight hose (#3044)
- 2- 3 1/8" straight hose (#3054)
- 1- 16" 15mm vacuum hose (#3080)
- 6- Power-Bands(.048)(.362) (#4004)
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nut (#6002)
- 1- fender washer (#6010)
- 1- 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

Note: Be sure to plug-in the harness to the air mass sensor before starting the engine. If "Check Engine" light appears your local dealer will need to remove the "check engine" light.



Figure 1

Now available, Hydro Shield by Injen
Part Number X-1034



Hydro Shield Sold Separately



Figure 2



Figure 3



Figure 4

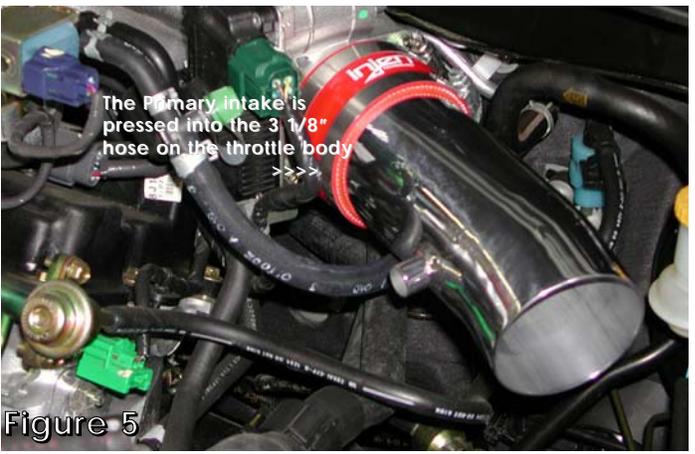


Figure 5

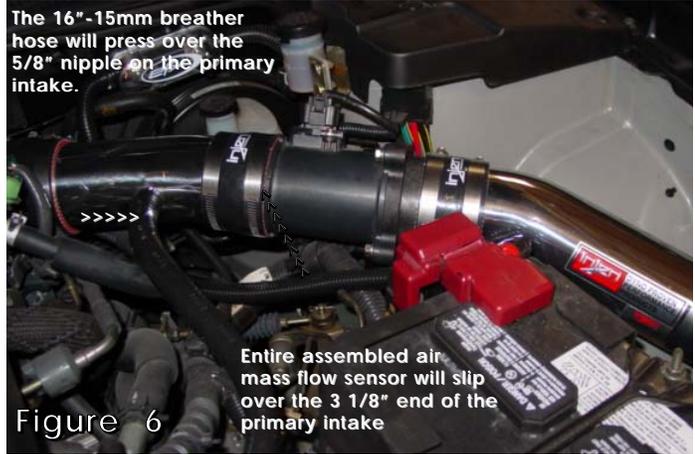


Figure 6



Figure 7

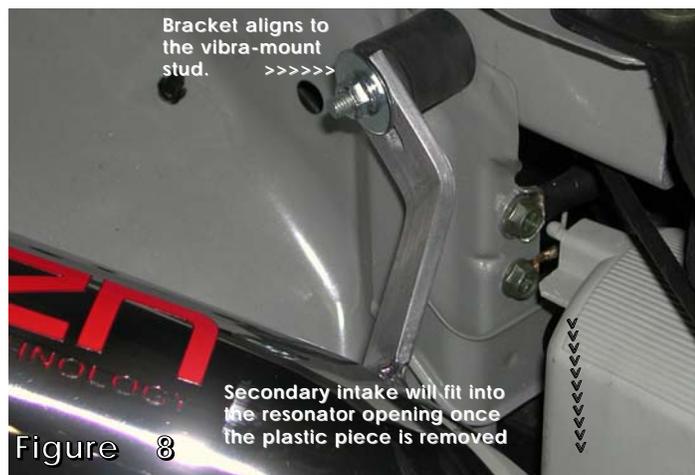


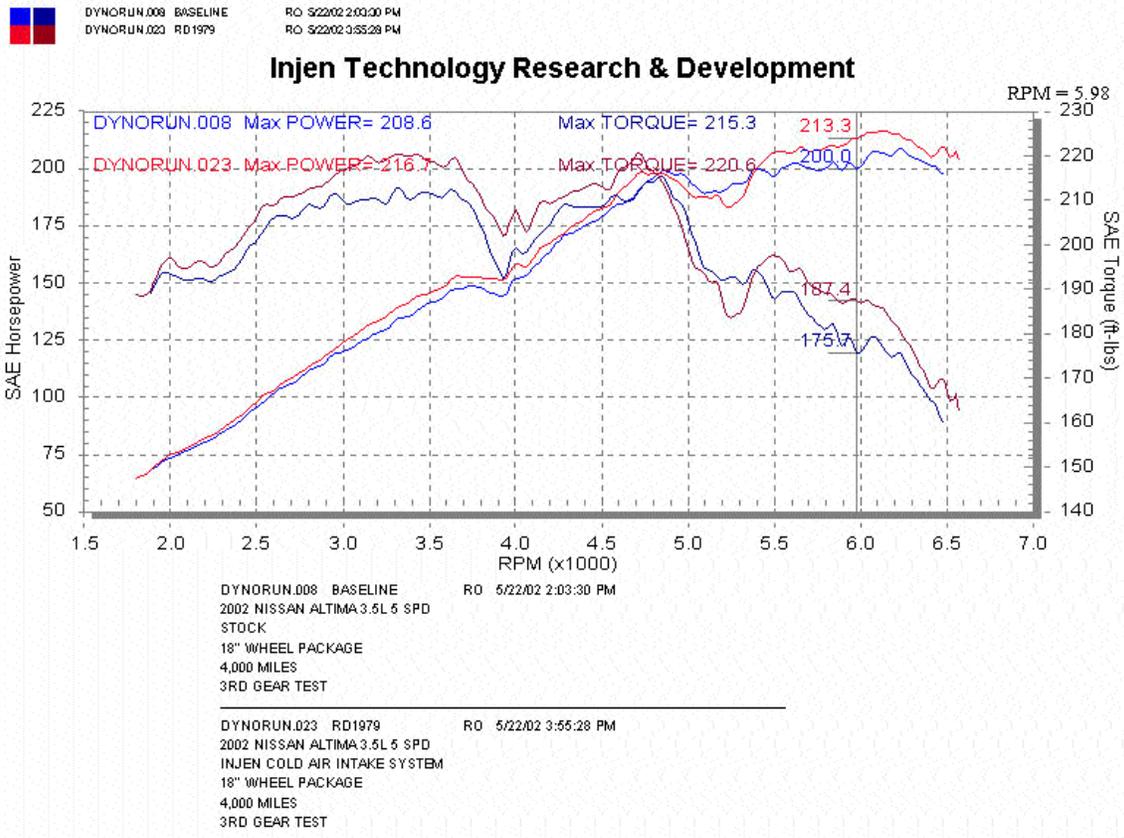
Figure 8



Figure 9



Injen Technology Research & Development Team seen here testing its final design on Injen's in-ground Dyno-jet.



Dyno-graph shows a base run of 208.6 h/p and 215.3 ft/lbs of torque. Injen's cold air intake max run was 216.7 h/p and 220.6 ft/lbs. of torque. Maximum gain was **8.1 h/p** and **5.3 ft./lbs.** of torque. High end shows a **13.3 h/p** gain and **11.7 ft./lbs.** of torque. Base run at 6,000 rpm was 200 h/p and 175.7 ft./lbs. of torque Injen's cold air intake shows 213.3 h/p and 187.4 ft./lbs. of torque.

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

1. Remove the air intake duct, the air intake box and the air vacuum lines connected to the air box. Unbolt the air mass sensor from the air box and set aside at this point. This installation also requires removal of the front bumper and the air resonator box located in the front bumper on the driver side.
2. Take the 3 1/8" straight hose and slip it over the throttle body and use two clamps. Tighten only the clamp on the throttle body at this point. (See fig. 2)
3. Screw the vibra-mount in place and screw the m6 nut and washer on to the vibra-mount stud. (See figures 2 and 8)
4. Take the air mass sensor, composite adapter and butt them together. The 4- m6 x m16 bolts will screw into the composite adapter, the adapter has four m6 nuts for easy installation. Take the 3 1/8" straight hose and slip it over the round end of the air mass sensor use two clamps and tighten the clamp on the air mass sensor. (See fig. 4)
5. Take the primary intake and press it into the 3 1/8" straight hose on the throttle body be sure the 5/8" nipple on the intake is pointing in the direction of the breather line. (See fig. 5)
6. Take the assembled air mass sensor, billet adapter, 3 1/8" hose and press it over the 3 1/8" swaged end of the primary intake. Semi-tighten the clamp to hold the assembly in place. Now take the 3.00" straight hose and press it over the round end on the adapter and use two clamps. Tighten the clamp on the adapter at this point. (See fig. 6)
7. Once the plastic cover over the hole that leads into the resonator box has been removed take the secondary intake and slip the upper end into the 3.00" hose on the billet adapter and the filter end into the resonator hole leading into the bumper. (See figs. 7 and 9)
Align the bracket on the secondary intake to the vibra-mount stud and semi-tighten the m6 nut on the stud. (See fig. 8)
8. Take the 3 1/2" Injen filter and slip it over the end of the secondary intake in the bumper section. Tighten the clamp on the filter. (See fig. 9)
9. Connect one end of the 16"- 15mm hose to the valve cover port. The other end will connect to the 5/8" nipple on the intake. Use the stock clamps to fasten the hose. (See figs. 6 and 7)
10. Align the entire intake for best fit then continue to tighten all nuts, bolts and clamps. (See fig. 1)
11. Remove all tools and rags from the engine compartment and reconnect the harness to air mass sensor. Reconnect the negative battery terminal before attempting to start the engine.
12. Congratulations! You have just completed the installation.