



**Part number Rd1975p
2002-04 Nissan Altima 2.5S 4
cyl.**

Important: Read the information on the lower right hand side for vehicles that are not CARB exempt.

- 1- 2 piece cold air intake
- 1- 3.00" Injen filter (#1014)
- 1- Composite fin adapter (#14032)
- 1- 2 3/4" straight hose (#3043)
- 2- 3" straight hose (#3044)
- 6- medium clamps (.048) (#4004)
- 1- vibra-mount (#6020)
- 1- fender washer (#6010)
- 1- m6 flange nut (#6002)
- 1- license plate frame (#9010)
- 1- instruction

Note: Injen Technology now offers replacement 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 lines 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.

Please read the information below before you start to install this unit.

All 2004 vehicles that are considered **LEV2** and **SULEV** with engine test group numbers of families do not satisfy or meet the California air resource board test procedures. The engine group test numbers can be found on the underhood information label located on the drivers side. Engine test group numbers listed below are to be considered for off-road use only:

2004 Nissan Alima 2.5L test group number- 4NSXV02.585A

Injen Technology Co., LTD. 285 Pioneer place Pomona, Ca. 91768

Note: Besure 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



Figure 2



Figure 3



Figure 4



Figure 5

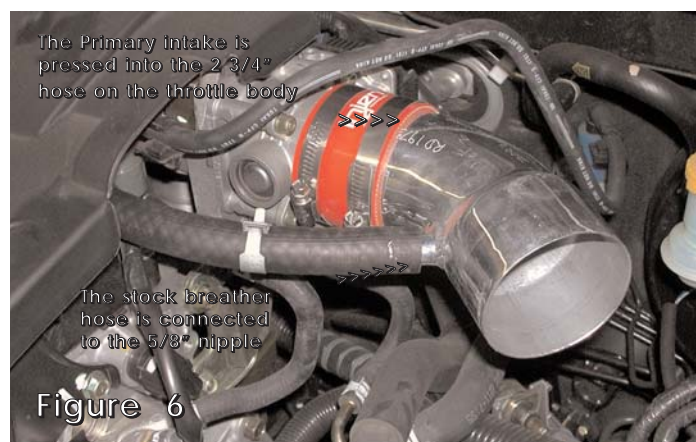


Figure 6



Figure 7



Figure 8



Figure 9



Figure 10

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 2 3/4" 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 m6 bolts holding the bracket on the fender wall as seen in figure 3. Take the vibra-mount and screw it place. (See fig. 4)
4. Take the air mass sensor, the billet adapter and butt them together. The 4 four stock m6 x m16 bolts will screw into the billet adapter the adapter has been pretapped for easy installation. Take the 3.00" 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. Press the 3" straight hose over the mouth on the adapter. (See fig. 5)
5. Take the primary intake and press it into the 2 3/4" straight hose on the throttle body be sure the 5/8" nipple on the intake is pointing in the direction of the breather line. Take the stock breather hose on the valve cover and press it over the 5/8" nipple on the primary intake. (See fig. 5)
6. The assembled air mass sensor will now be attached over the primary intake. The 3.00" straight hose will fit over the swedged end of the primary intake semi-tighten the clamp to hold the assembled unit in place. (See fig. 7)
7. Once the plastic piece over the hole that leads into the resonator box has been removed (applies to some models) take the secondary intake and slip the upper end into the 3.00" hose on the adapter the filter end will go into the resonator opening in the bumper section. (See figs. 8 and 9) Now align the bracket on the secondary intake to the vibra-mount stud and semi-tighten the m6 nut and fender washer on the vibra-mount. (See fig. 9)
8. Take the 3.00" Injen filter and slip it over the end of the secondary intake in the driver side bumper area tighten the clamp on the filter. (See fig. 10)
9. Connect the stock breather on the valve cover to the 5/8" nipple on the primary intake and fasten with the stock clamps. (See fig. 5)
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, reconnect the harness to air mass sensor and reconnect the negative battery terminal before attempting to start the engine.
12. Congratulations! You have just completed the installation.

Note: Injen Technology now sells oil caps for this application the part number is io1000.