



**Part number IS8022
2003-05 Dodge Neon SRT-4
2.4L**

- 1- Intake system (SR)
- 1- **Injen/Amsoil Dry 3" filter (#1017)**
- 1- 110 deg. silicone reducer elbow (#3061)
- 1- Power-Band (.040)(.312) (#4003)
- 1- Power-Band (.048)(.362) (#4004)
- 1- 2" 8mm vacuum hose (#3091)
- 1- Boost solenoid "T" bracket (#20032)
- 1- 1525 sensor grommet (#6014)
- 1- M6 vibra-mount (#6020)
- 1- M6 flange nut (#6002)
- 1- fender washer (#6010)
- 1- instruction

Note: The C.A.R.B Exempt sticker must be attached under the hood in a manner such that it is easily viewed by an emissions inspector

Congratulations! You have just purchased the best engineered, dyno-proven 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.

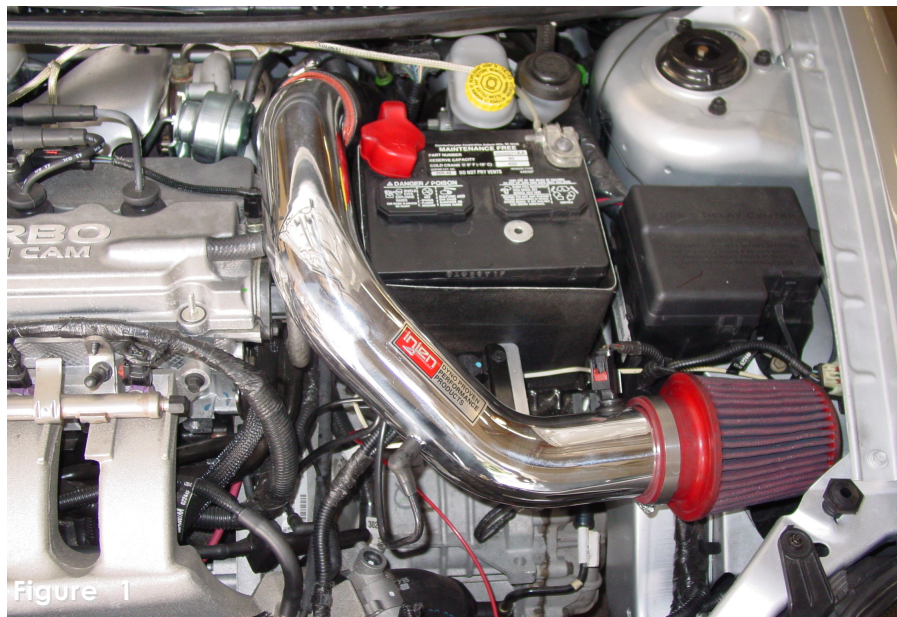
Before installing any parts of this system, please read the instructions thoroughly. If you have any questions regarding installation please contact the dealer you purchased this product from.

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.

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.



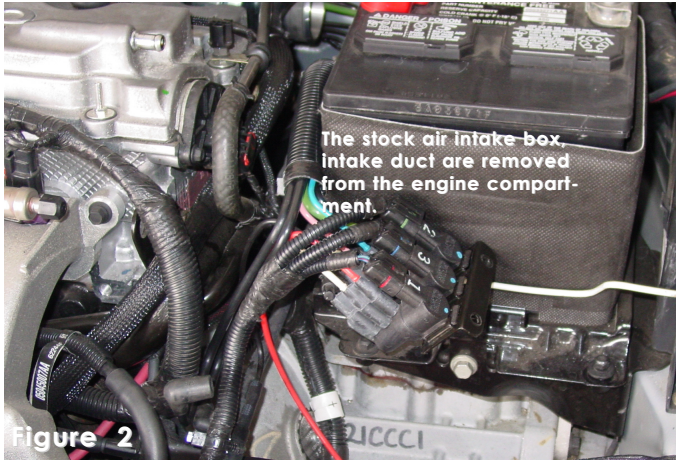


Figure 2

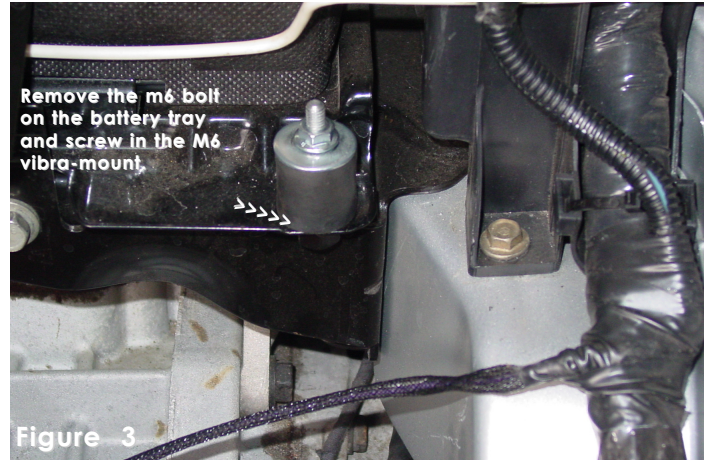


Figure 3

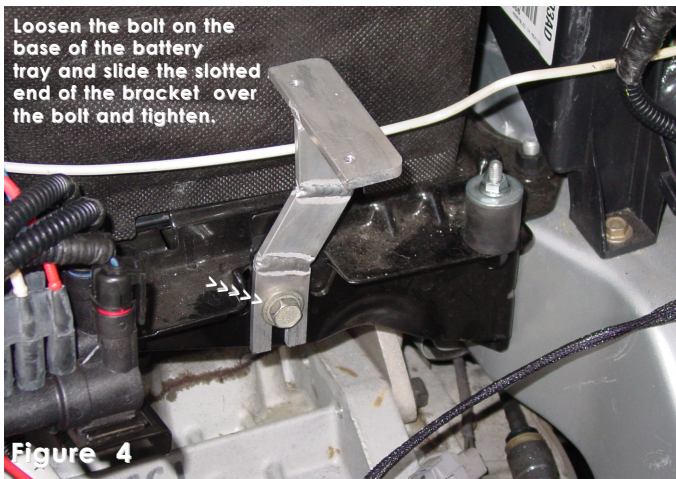


Figure 4

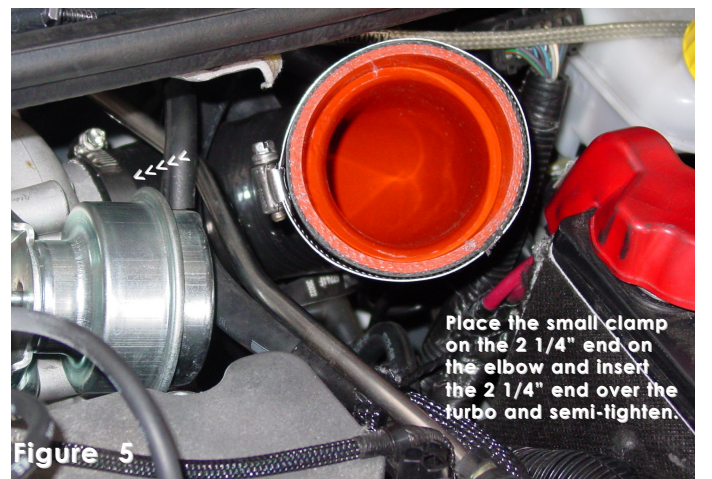


Figure 5

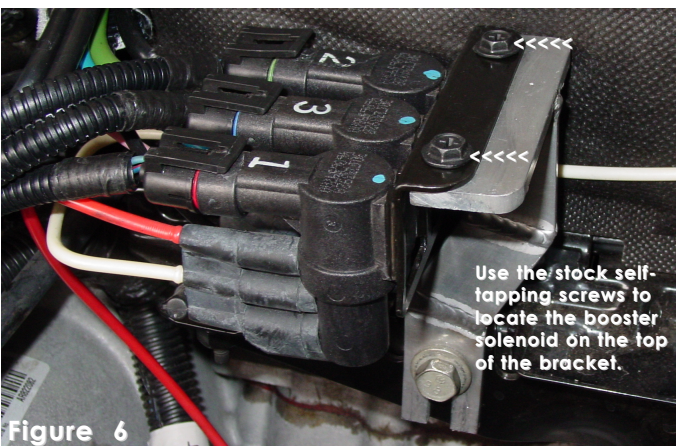


Figure 6

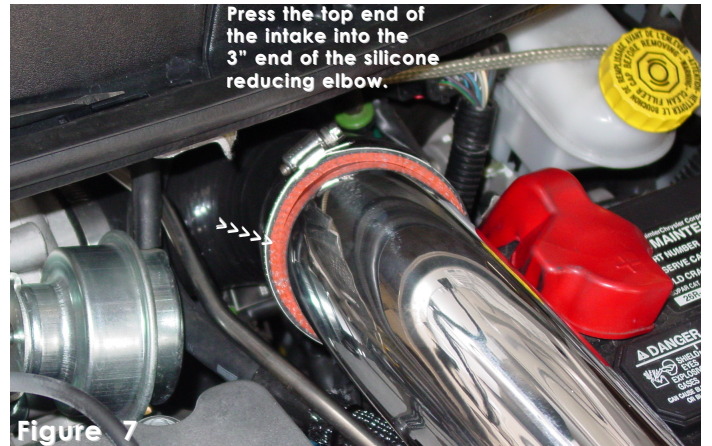


Figure 7

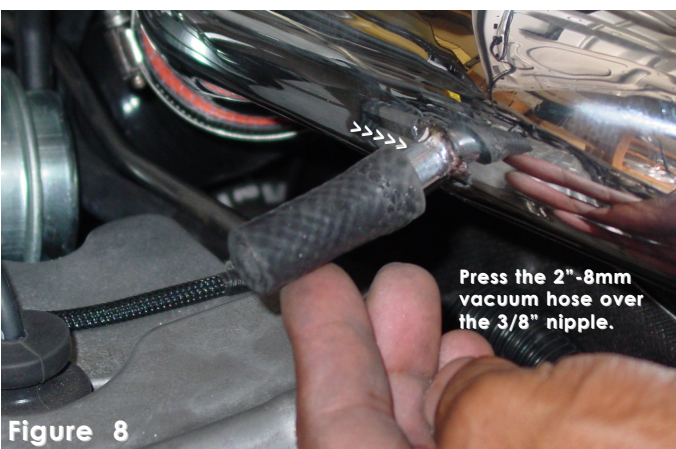
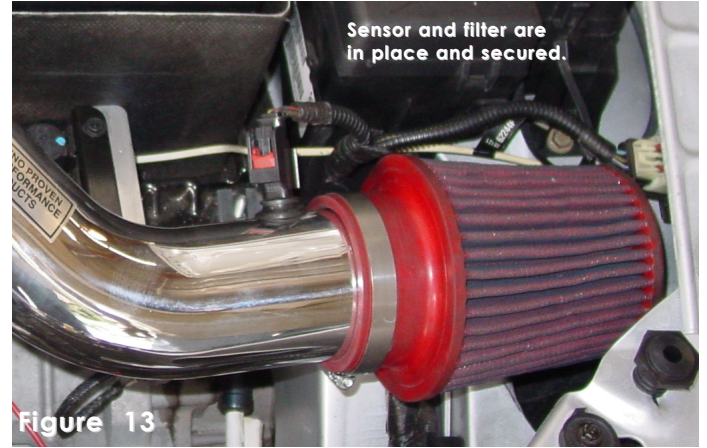
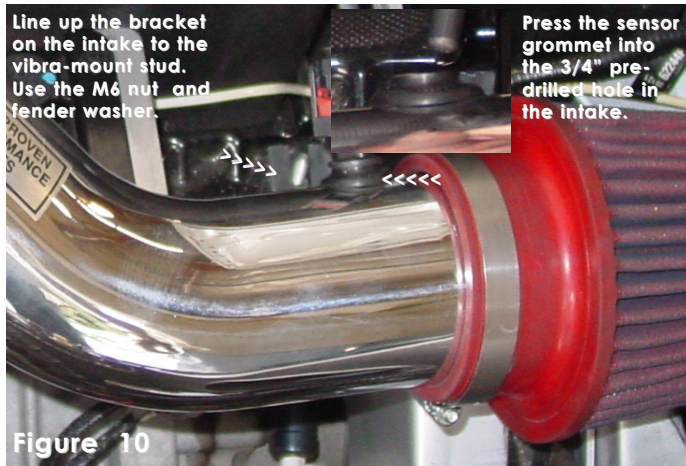


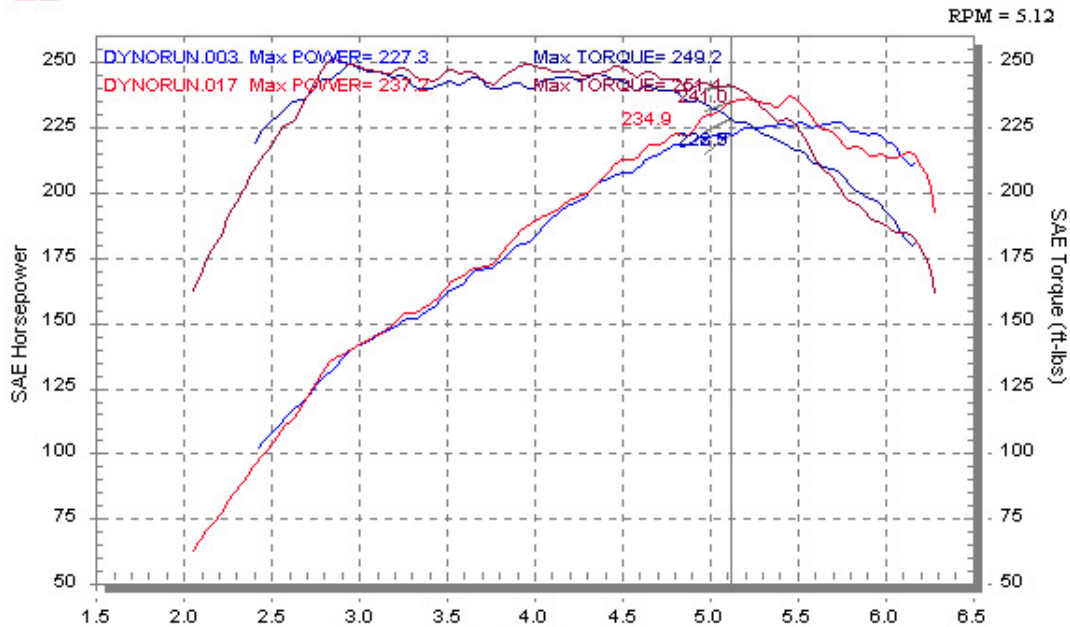
Figure 8



Figure 9



DYNORUN.003 BASELINE-3 RO 7/23/03 11:06:46 PM
DYNORUN.017 RD8015 stock ram-3 RO 7/24/03 5:47:06 AM



Max power gain:

H/P

Injen intake system	237.3		
Stock run	227.3	gain	10 H/P

Peak power gain:

H/P

Injen intake system	234.9		
Stock run	222.5	gain	12.4

Torque:

Injen intake system	251.4		
Stock run	249.2	gain	2.2

Torque:

Injen intake system	241.0		
Stock run	228.3	gain	12.7

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

- 1- Remove the stock air intake box, air intake duct leading to the turbo inlet. Remove the vacuum lines and air temperature sensor from the air intake box. The boost solenoid valves will also be removed and relocated. (See fig. 2)
- 2- Remove the m6 bolt from the base of the battery tray and screw in the m6 vibra-mount. (See fig. 3)
- 3- On the base of the battery tray, loosen the bolt located in the center section. Take the new boost solenoid bracket and insert the slotted end over the bolt loosened earlier. Position the bracket in place and tighten the bolt once again. (See fig. 5)
- 4- Take the 110 degree silicone elbow and press the 2 1/4" end over the turbo inlet. Take the small clamp in the kit and semi-tighten the clamp over the elbow on the turbo inlet. **(For easy installation put the small clamp over the silicone elbow prior to installing it over the turbo inlet).** (See fig. 5)
- 5- Take the boost solenoid valve and set it on top of the bracket. The solenoid should rest flush and line up to the bolt pattern on the bracket pad. (See fig. 6)
- 6- Insert the top end of the intake into the 3" side of the silicone elbow. This is the elbow connected to the turbo inlet. Semi-tighten the medium clamp on the 3" end of the silicone elbow at this point. (See fig. 7)
- 7- Press the 2" -8mm hose over the 3/8" nipple on the intake. (See fig. 8)
Press the other end of the 2" hose over the port on the crankcase. (See fig. 9)
- 8- Press the sensor grommet into the pre-drilled 3/4" hole on the end of the intake and make sure that the grommet is flush in the hole. (See fig. 10)
- 9- Now that the intake is in place, line up the bracket on the intake to the vibra-mount stud. Use the M6 nut and fender washer to hold the entire intake in place. (See fig. 10)
- 10- Press the hard vacuum line over the 1/2" nipple on the intake. (See fig. 11)
- 11- Insert the air temperature sensor into the sensor grommet near the filter. The sensor will be pressed in until it completely bottoms out. (See fig. 13)
- 12- Press the filter over the end of the intake and tighten the clamp on the filter. (See fig. 13)
- 13- Align the entire intake for best fit. Allow plenty of clearance through out the length of the intake. Once proper clearance has been made continue to tighten all nuts, bolts and clamps. (See fig. 1)
- 14- Remove all tools and rags from the engine compartment and reconnect the negative battery terminal before attempting to start the engine.
- 15- Congratulations! You have just completed the installation.