



FUEL INJECTION PERFORMANCE KIT

FIPK
GENERATION II

INSTALLATION INSTRUCTIONS

57-6012

NISSAN/INFINITI

2004-05 PATHFINDER ARMADA

2004-05 TITAN

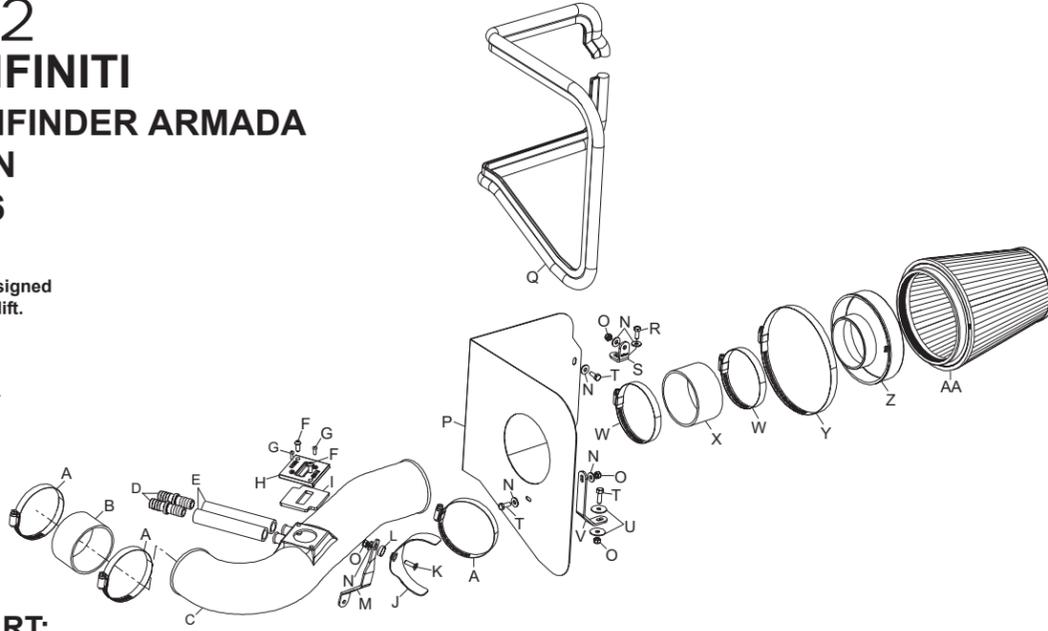
2004-05 QX56

V8 5.6L

NOTE: This kit was not designed to fit vehicles with a body lift.

TOOLS NEEDED:

- Flat Blade Screwdriver
- Phillips Screwdriver
- Ratchet
- Extension
- 10mm Socket
- 10mm Wrench
- 2.5mm Allen
- 4mm allen
- Pliers



PARTS LIST:

Desc.	Part #	QTY.
A hose clamp #52	3 08610	
B silicone hose	1 08690	
C intake tube (DN)	1 087109	
D hose mender; 5/8" barb	2 08048	
E silicone hose 5/8" id x 5" l	2 08538	
F bolt; m6-1.00x16mm b/h/a	2 07730	
G bolt m4-.7 x 12mm b/h/a	2 07726	
H adapter #420	1 21515	
I gasket	1 09069	
J saddle bracket	1 078855	
K bolt; m6-1.00 f/h/a	1 08376	
L cup washer, black nylon	1 08180	
M bracket "Z"	1 07191	
N washer, .625"odx.250" id	6 08275	
O nut; nylock, m6	4 07553	
P heat shield	1 074020	
Q edge trim 66"	1 102472	
R bolt; m6-1.00x20mm hex	1 07795	
S bracket, small "L"	1 070066	
T bolt; m6-1.00x16mm hex	3 07703	
U washer, 1.0"odx.250" id	2 08160	
V bracket	1 07190	
W hose clamp #56	2 08620	
X silicone hose	1 08698	
Y hose clamp #104	1 08697	
Z filter adapter #380	1 21512	
AA filter charger	1 RF-1044	

TO START:

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.



2. Remove the two bolts that secure the throttle body cover. Then remove the throttle body cover.



3. Disconnect the mass air sensor electrical connection, then release wire loom from airbox.



4. Remove the two vent lines from the air intake resonator as shown.



5. Loosen the hose clamps at the throttle body and airbox, then remove the intake tube from vehicle.



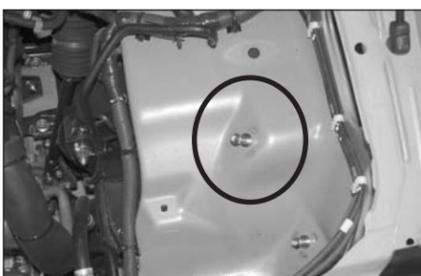
6. Release two airbox lid retainer clips that secure airbox lid to airbox, then remove airbox lid and air filter.
Note: On four wheel drive vehicles, it will be necessary to un-hook differential vent hose from airbox lid.



7. Remove the airbox mounting bolt with 10mm socket.



8. Pull firmly up on airbox to release from mounting studs, then remove airbox from vehicles.



9. Remove the airbox mounting stud shown with 10mm wrench.



10. Install "L" bracket (#070066) onto the K&N heat shield as shown.



11. Install "L" bracket (07190) onto the K&N heat shield as shown.



12. Install the edge trim onto the heat shield as shown. Trim as needed.



13. Using a screw driver, push the center of the plastic inner fender retaining clip through, then remove clip from inner fender.



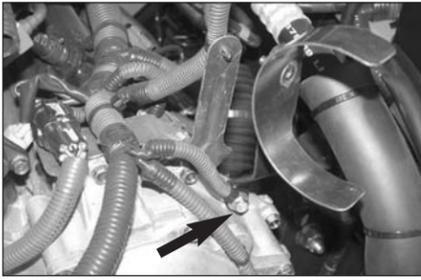
14. Install the heat shield onto the vehicle and secure with the provided hardware.
Note: On four wheel drive vehicles, insert differential vent retaining clip into hole provided in heat shield.



15. Assemble the saddle bracket assembly with the provided hardware as shown.



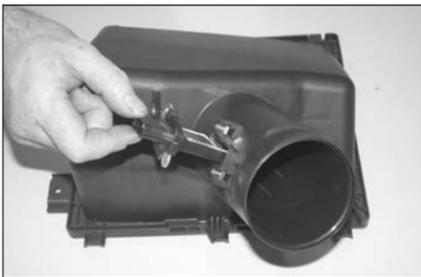
16. Remove ground wire attaching bolt on top of engine cam cover with 10mm wrench.



17. Install K&N saddle bracket assembly and ground wire removed in step #16 with provided hardware as shown.



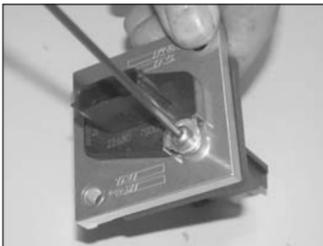
18. Install the provided silicone hose (08690) onto the throttle body with the provided hose clamps as shown.



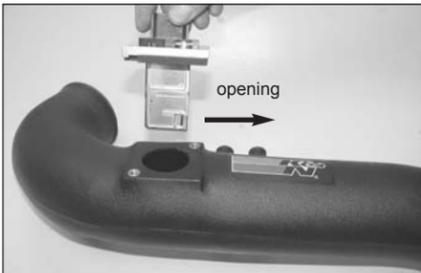
19. Remove the two screws that secure the mass air sensor to the airbox lid, then remove the mass air sensor as shown.



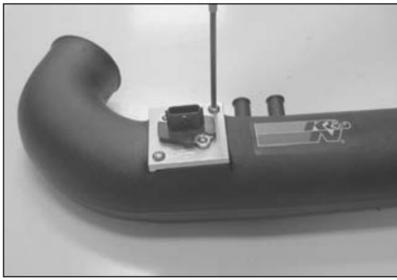
20. Apply the provided gasket to the mass air sensor adapter as shown. Sticky side down.



21. Insert the mass air sensor into the mass air sensor adapter and secure with the provided hardware.



22. Install the mass air assembly into the K&N intake tube with the opening of the sensor pointing towards the filter end of the tube as shown.



23. Secure the mass air sensor assembly onto the new K&N intake tube with the provided hardware.



24. Install the K&N intake tube onto the throttle body and align with the saddle bracket.



25. Secure the K&N intake tube to the saddle bracket with the provided hose clamps, also tighten the hose clamp at the throttle body.



26. Install the provided hose mender into the two crank case vent hoses and secure the existing spring clamps as shown.



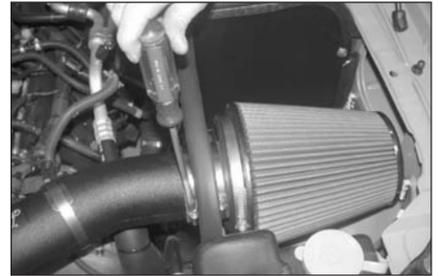
27. Install the provided silicone hose onto the hose mender, then install the hoses onto the K&N intake tube as shown.



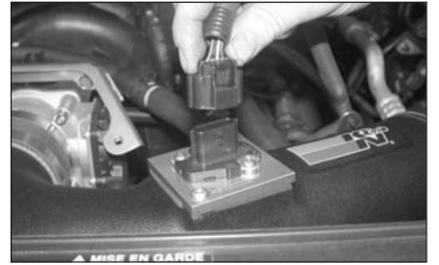
28. Install the provided silicone hose (#08698) onto the K&N filter adapter as shown.



29. Install the filter adapter assembly into the K&N filter charger element.



30. Install the filter charger element assembly onto the intake tube as shown, and secure with the provided hose clamp.



31. Reconnect the mass air sensor electrical connection.



32. Re-install the throttle body cover as shown.



33. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.

34. The C.A.R.B. exemption sticker, (attached), must be visible under the hood so that an emissions inspector can see it when the vehicle is required to be tested for emissions. California requires testing every two years, other states may vary.

35. It will be necessary for all FIPK's to be checked periodically for realignment, clearance and tightening of all connections. Failure to follow the above instructions or proper maintenance may void warranty.

ROAD TESTING:

1. Start the engine with the transmission in neutral or park, and the parking brake engaged. Listen for air leaks or odd noises. For air leaks secure hoses and connections. For odd noises, find cause and repair before proceeding. This kit will function identically to the factory system except for being louder and much more responsive.

2. Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.

3. If road test is fine, you can now enjoy the added power and performance from your kit.

4. K&N suggests checking the Filtercharger element periodically for excessive dirt build-up. When the element becomes covered in dirt (or once a year), service it according to the instructions on the Recharger service kit, part number 99-5050 or 99-5000.