

# K&N TYPHOON INTAKE SYSTEMS

## INSTALLATION INSTRUCTIONS

69-7071TS

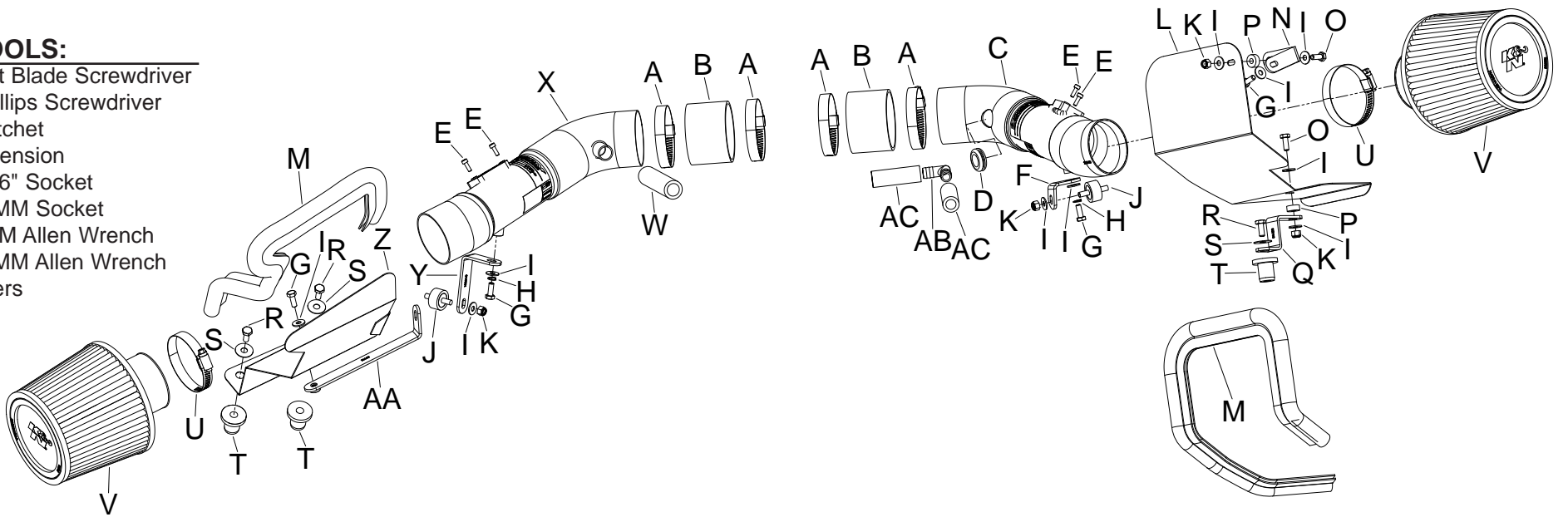
NISSAN

2007-08 350Z

V6-3.5L

### TOOLS:

Flat Blade Screwdriver  
Phillips Screwdriver  
Ratchet  
Extension  
9/16" Socket  
10MM Socket  
3MM Allen Wrench  
10MM Allen Wrench  
Pliers



### PARTS LIST:

Desc.	Qty.	Part #	Desc.	Qty.	Part #	Desc.	Qty.	Part #
A Hose Clamp #40	4	08554	K Nut; 6MM Nylock, Hex, SS	4	07512	U Hose Clamp #44	2	08577
B Hose; Typhoon 2-3/4" X 2"L, Black	2	08440	L Heat Shield	1	07367	V Air Filter	2	RU-4960
C Intake Tube	1	27540	M Edge Trim	2	102488	W Hose; 5/8" ID X4"L, Black Silicone	1	08244
D Grommet; 1-1/8"OD, 5/8"ID, 3/8"THK	1	080601	N Bracket; "L" Small, STL, FB/PC	1	010031	X Intake Tube	1	27539
E Bolt; M4 - 0.07 8MM, A/H Cap, SS	4	07733	O Bolt; M6 X 1.00" X 20MM Hex, SS	2	07795	Y Bracket; "L", STL, FB/PC	1	26664
F Bracket; "L", STL, FB/PC	1	26665	P Spacer: .625" OD X .250"ID X .250"L	2	06555	Z Heat Shield	1	07366
G Bolt; 6MM-1.00 X 16MM, SS	4	07812	Q Bracket; "Z", MILD STL, FB/PC	1	06488	AA Bracket; "L", STL, FB/PC	1	26663
H Washer; 1/4" Lock, ZN	2	08198	R Bolt; 3/8"-16 X 1-1/4"L SS Hex Head	3	07779	AB Vent; 1/2 X 1/2 Plastic Elbow, BLK	1	08065
I Washer; 6MM Flat, SS	10	08269	S Washer; 3/8" Flat, SS	3	08134	AC Hose; 1/2"ID X 2.38"L, Black Silicone	2	08415
J Stud; M6-1.00 M/M, Rubber Mntd	2	07027	T Insert; 3/8-16 X 3/400 X 15/16L, Rubber	3	08163			

**NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.**

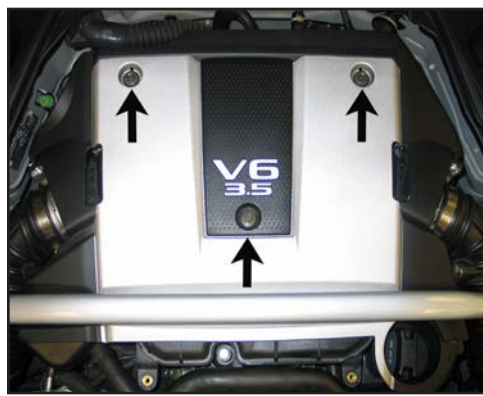
### TO START:

1. Turn off the ignition and disconnect the negative battery cable.

**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.**



2. Remove the two front nuts and two rear bolts that secure the front engine cover. Then, remove the front engine cover from the engine.



3. Remove the two nuts and one bolt that secure the rear engine cover. Then, remove the engine cover from the engine.



4. Un-hook the passenger side mass air sensor wiring harness from the airbox, then disconnect the mass air sensor electrical connection as shown.



5. Remove the passenger side fresh air duct retaining clip. Slide the fresh air duct forward to disengage it from the passenger side airbox.



6. Loosen the hose clamp that secures the passenger side intake tube to the airbox. Then, remove the bolt that secures the passenger side airbox to the inner fender.



7. Remove the passenger side airbox as shown.  
**NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



8. Re-install the passenger side fresh air duct and retaining clip.



9. Remove the two factory airbox retaining grommets shown.



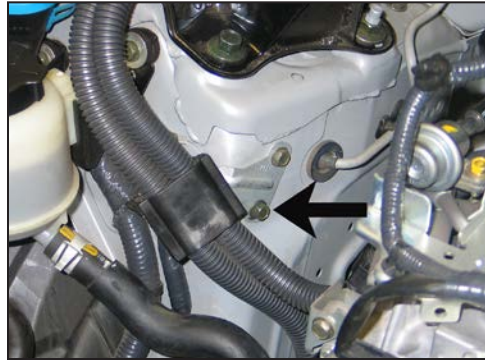
10. Remove the crankcase vent chamber mounting bolt shown.  
**NOTE: This bolt will be re-used in a later step.**



11. Release the spring clamp that retains the crankcase vent chamber. Then, disconnect the crankcase vent chamber from the stock intake tube.



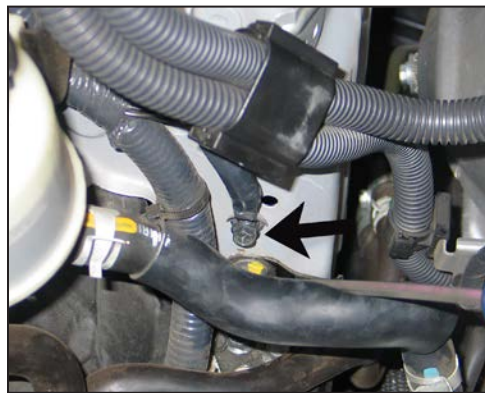
12. Loosen the hose clamp that secures the stock passenger side intake tube to the throttle body. Then, remove the intake tube from the engine.



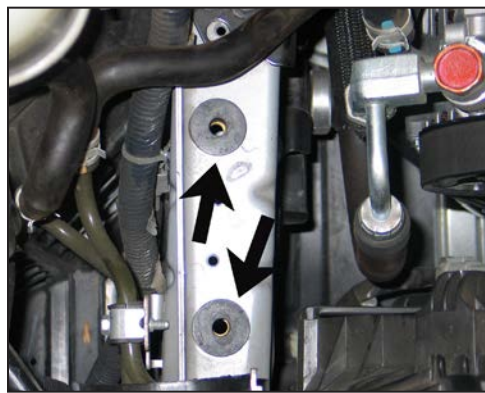
13. Remove the lower battery cable mounting bracket bolt shown.



14. Install the provided rubber mounted stud into the battery cable mounting bracket bolt location (from step #13).



15. Remove the ground strap bolt shown (located behind the power steering hydraulic hose).



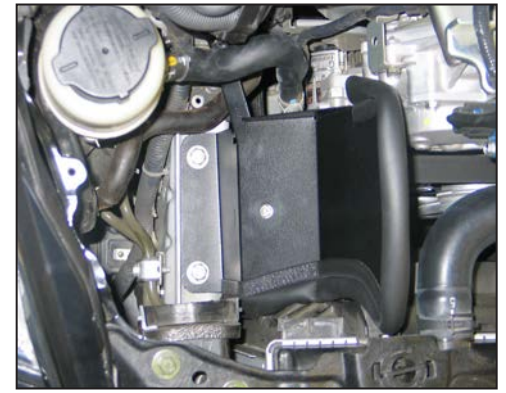
16. Install the two nut inserts into the factory airbox mounting grommet holes as shown.



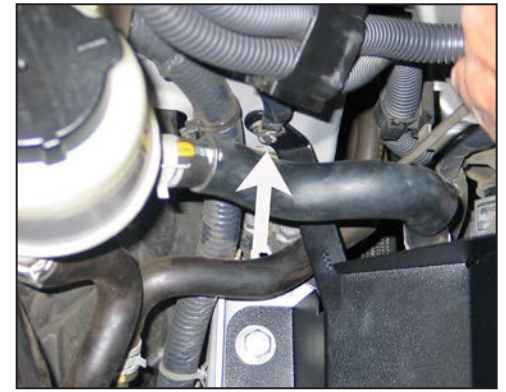
17. Install the provided edge trim onto the heat shield (#07366) as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



18. Install the heat shield mounting bracket (#26663) onto the heat shield with the provided hardware as shown.



19. Install the heat shield assembly into the engine compartment and align it with the inserted nuts (installed in step #16). Secure the heat shield to the inserted nuts with the provided hardware.



20. Secure the heat shield mounting bracket and ground strap with the provided hardware.



21. Install the tube mounting bracket (#26664) onto the intake tube (#27539) using the provided hardware as shown.



22. Install the provided 5/8" ID hose onto the vent fitting as shown.  
**NOTE: Some trimming of the hose (to a length of 2.0") may be necessary.**



23. Remove the mass air sensor from the stock air filter housing as shown.



24. Install the mass air sensor into the K&N® intake tube and secure with the provided hardware.



25. Install silicone hose (#08440) onto the throttle body and secure with the provided hose clamp as shown.



26. Install the intake tube assembly into the silicone hose at the throttle body and align the mounting bracket with the rubber mounted stud installed in step #14. Secure the intake tube with the provided hose clamp and hardware.



27. Install the crankcase vent chamber into the silicone hose attached to the vent tube of the K&N® intake tube. Secure the vent chamber with the bolt removed in step #10.



28. Install the K&N® air filter and secure with the provided hose clamp.  
**NOTE: Drycharger® air filter wrap; part # RX-4990DK is available to purchase separately.**



29. Re-connect the mass air sensor electrical connection.



30. Unhook the driver's side mass air sensor wiring harness from the airbox, then disconnect the mass air sensor electrical connection as shown.



31. Remove the driver's side fresh air duct retaining clip. Slide the fresh air duct forward to disengage it from the driver's side airbox.



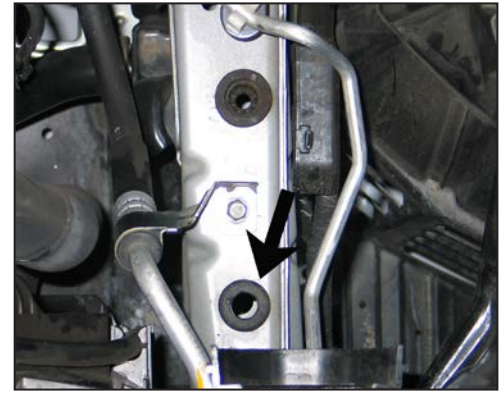
32. Loosen the hose clamp that secures the driver's side intake tube to the airbox. Then, remove the bolt that secures the driver's side airbox to the inner fender.



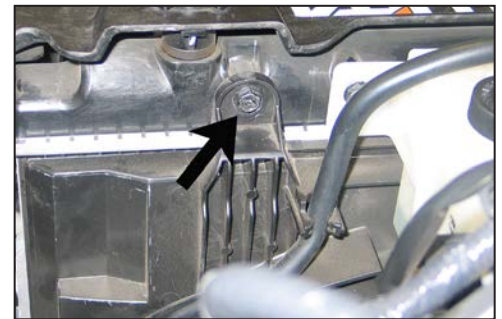
33. Remove the driver's side airbox as shown.



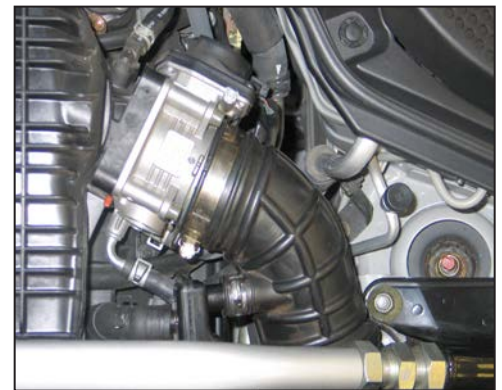
34. Re-install the driver's side fresh air duct and retaining clip.



35. Remove the front airbox retaining grommet shown.



36. Remove the radiator cooling fan mounting bolt (shown).  
**NOTE: This bolt will be re-used in a later step.**



37. Loosen the hose clamp that secures the driver's side intake tube to the throttle body.



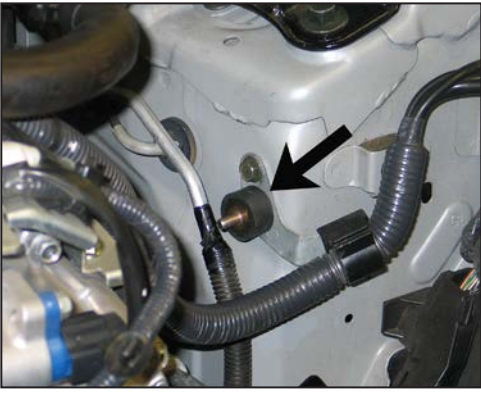
38. Release the spring clamp that secures the crankcase vent chamber to the intake tube. Then, remove the driver's side intake tube as shown.



39. Disconnect the crankcase vent chamber hose from the engine valve cover, then from the crankcase vent chamber as shown.



40. Remove the lower ground strap mounting bracket bolt shown.



41. Install the provided rubber mounted stud into the bolt location (from step #40).



42. Install the nut insert into the airbox mounting grommet hole (shown).



43. Install the provided edge trim onto the heat shield (#07367) as shown.

**NOTE: Some trimming of the edge trim may be necessary.**



44. Install the provided lower heat shield mounting bracket (#06488) onto the bottom of the heat shield and secure using the provided hardware and spacer (as shown).

**NOTE: The provided spacer is to be placed between the heat shield and bracket.**



45. Install the provided heat shield mounting bracket (#010031) onto the top of the heat shield and secure using the provided hardware and spacer.

**NOTE: The provided spacer is to be placed between the heat shield and bracket.**



46. Install the heat shield assembly into the vehicle and align the lower bracket with the inserted nut, then align the upper bracket between the fan shroud and radiator. Secure the lower bracket with the provided hardware. Secure the upper bracket with the factory bolt removed in step #36.

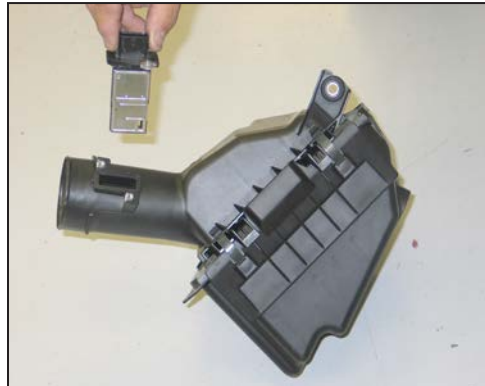
**NOTE: The upper bracket is to be placed between the fan shroud and radiator.**



47. Install tube mounting bracket (#26665) onto the K&N® intake tube (#27540) with the provided hardware as shown.



48. Install the provided rubber grommet into the K&N® intake tube as shown.



49. Remove the mass air sensor from the factory airbox as shown.



50. Install the mass air sensor into the K&N® intake tube (#27540) and secure with the provided hardware.

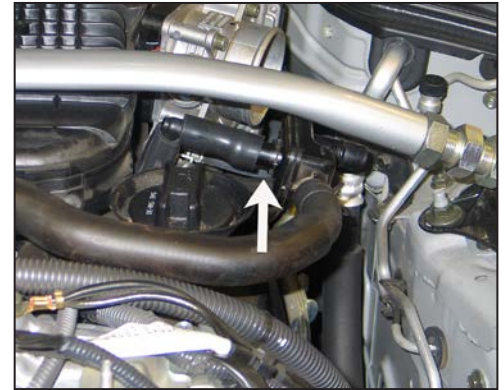


51. Install the two ½" ID silicone hoses onto the provided 90° vent fitting as shown.

**NOTE: The ½" ID vent hose will need to be trimmed to 2.0" length.**



52. Install the 90° crankcase vent fitting assembly onto the valve cover as shown.



53. Connect the crankcase vent chamber into the 90° vent fitting assembly (installed in step #52).



54. Install silicone hose (#08440) onto the throttle body and secure with the provided hose clamp.



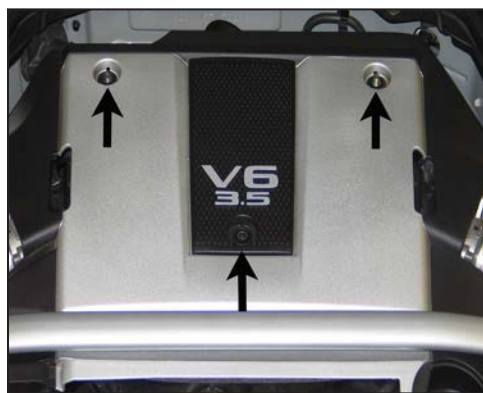
55. Install the intake tube assembly into the silicone hose at the throttle body and align the mounting bracket with the rubber mounted stud (installed in step #41). Insert the crankcase vent chamber into the grommet in the intake tube. Secure the intake tube with the provided hardware and hose clamp. **NOTE: Ensure the crankcase vent chamber has a good seal in the grommet installed into the intake tube.**



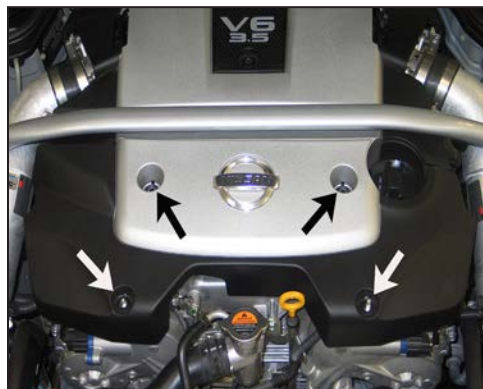
56. Install the K&N® air filter and secure with the provided hose clamp



57. Re-connect the mass air sensor electrical connection.



58. Re-install the rear engine cover and secure with the factory hardware.



59. Re-install the front engine cover and secure with the factory hardware.



60. Re-connect the negative battery cable. Check to ensure everything is tight and properly positioned before starting the vehicle.

61. 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.

62. It will be necessary for all K&N® high flow intake systems 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 Engineering, Inc., suggests checking the air filter 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.