

# TYPHOON INTAKE SYSTEMS



**Warning:** Please follow these installation instructions carefully. The K&N Drycharger included with this kit must be installed on the K&N air filter when used with a K&N Typhoon Cold Air Intake System. The K&N Typhoon Intake System is a performance product that can be used safely during mild weather conditions. During harsh and inclement weather conditions, you must convert your Cold Air Intake System to a short ram configuration, or return your vehicle to the stock OEM airbox and intake tract configuration. Failure to follow these instructions can void your warranty.

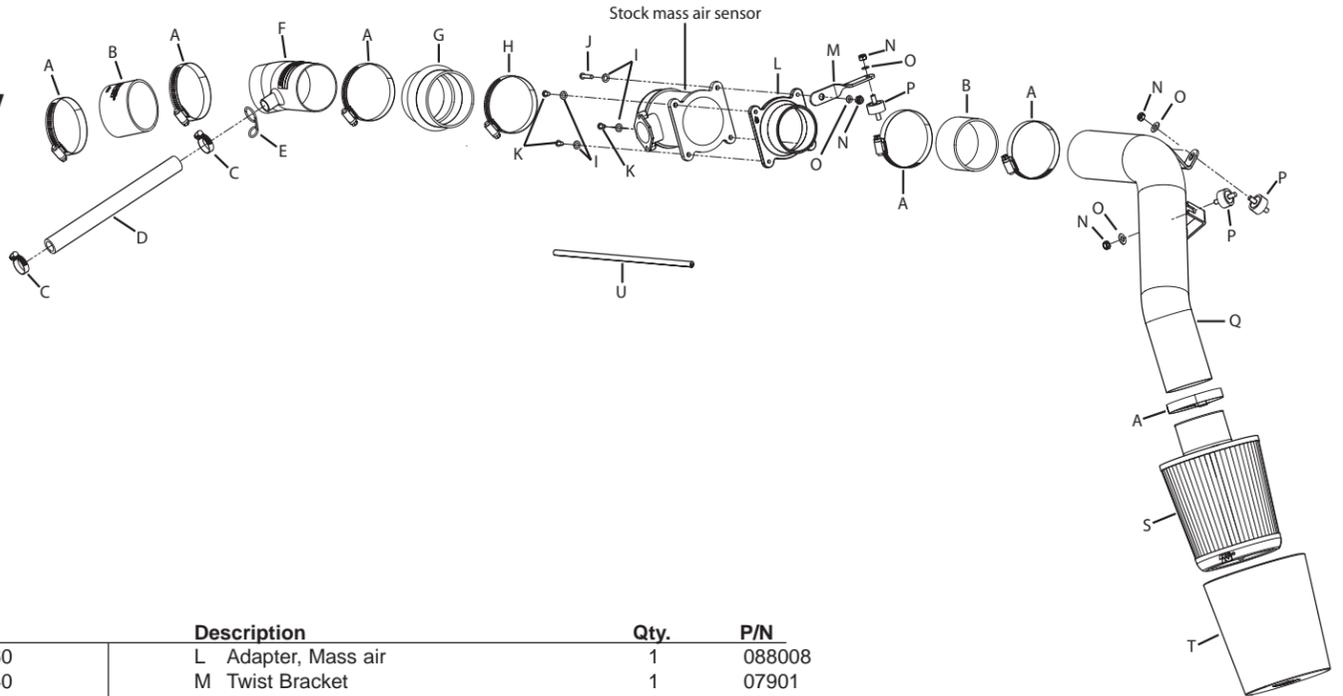
## INSTALLATION INSTRUCTIONS

69-7000

**Nissan**

**2002-06 Sentra SE-R/Spec V  
L4-2.5L**

**NOTE: C.A.R.B. E.O.# D-269-30  
Applies to 2002-2004 models ONLY**



**TOOLS NEEDED:**

- Flat blade screwdriver
- Ratchet
- 6" extension
- 8mm socket
- 10mm socket
- 4mm allen wrench
- Pliers
- 10mm end wrench

**PARTS LIST**

Description	Qty.	P/N	Description	Qty.	P/N
A Hose Clamp, #44	6	08560	L Adapter, Mass air	1	088008
B Silicone Hose, Black	2	08440	M Twist Bracket	1	07901
C Hose Clamp, #08	2	08410	N 6mm Nylock Nut	4	07512
D Silicone Hose, 5/8" x 9-3/4" L.	1	084047	O 6mm Flat Washer	4	08269
E Hook, Cable Support	1	21901	P 6mm Rubber Mounted Stud	3	07027
F Typhoon throttle body tube	1	087066	Q Typhoon Cold Air Intake	1	087067
G Silicone Hump Hose, Black	1	084044	S Filtercharger	1	RX-4960
H Hose Clamp, #48	1	08601	T Drycharger, Black	1	RX-4990DK
I 6mm Wave Washer	4	08277	U Edge Trim, 1/16 x 15-1/2" L.	1	120501
J 6mm Button Head Screw, 25mm L.	1	07729			
K 6mm Button Head Screw, 12mm L.	3	07794			

**TO START:**

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



2. Remove the four bolts that secure the engine cover, then remove the engine cover as shown.



3. Disconnect the mass air sensor electrical connection as shown.



4. Unclip the mass air wire from the bracket on the mass air sensor as shown.



5. Release and pull back the hose clamps, then, remove the crank case vent hose from the cam cover and the intake tube as shown.



6. Remove the tie-wrap that secures the electrical connection to the rubber intake tube as shown.



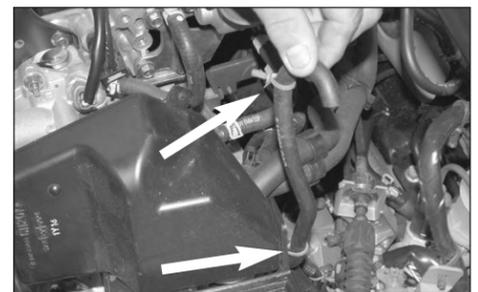
7. Loosen the hose clamp at the mass air sensor as shown.



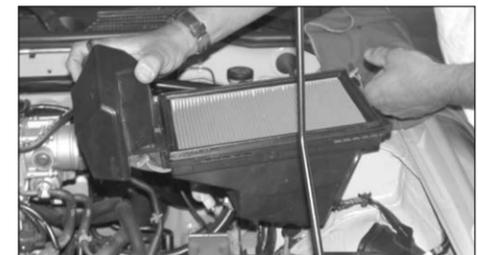
8. Unclip the upper air cleaner assembly, then remove the assembly as shown.



9. Loosen the hose clamp at the throttle body, then remove the stock intake tube as shown.



10. Using a pair of pliers, unclip the transmission vent hose from the lower air cleaner assembly as shown.



11. Loosen and remove the bolt that secures the lower air cleaner assembly, then, pull upwards to remove the assembly as shown.



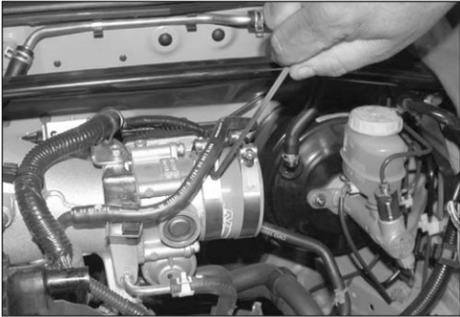
12. Pull upwards to release the air inlet duct, then slide the air inlet duct out as shown.



13. Remove the one screw and four push clips on the inner venter valance, then pull the valance down as shown.



14. From underneath the vehicle loosen and remove the two bolts that secure the air intake resonator, then, remove the resonator as shown.



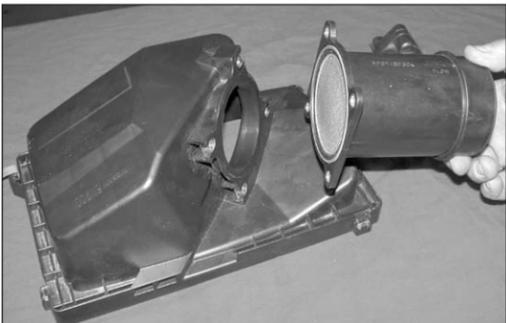
15. Install the silicone hose and hose clamps onto the throttle body, then, tighten the hose clamp on the throttle body as shown.



16. Install the stepped hump hose and hose clamps onto the throttle body tube and tighten as shown. **NOTE:** Before installing the silicone hump hose, inspect the inside of the tube for any debris, then clean the inside out with water and a towel. Inspect the tube one more time before proceeding to the next step.



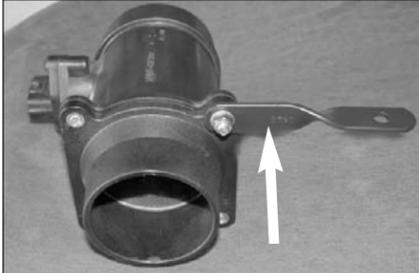
17. Slide the throttle body tube into the silicone hose on the throttle body as shown, but do not tighten.



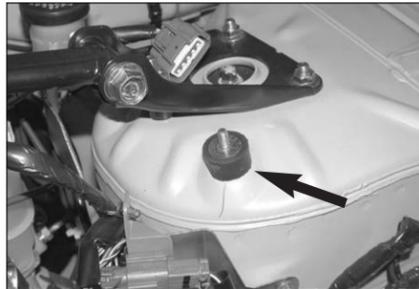
18. Loosen and remove the four bolts that secure the mass air sensor to the air cleaner, then remove the mass air sensor as shown.



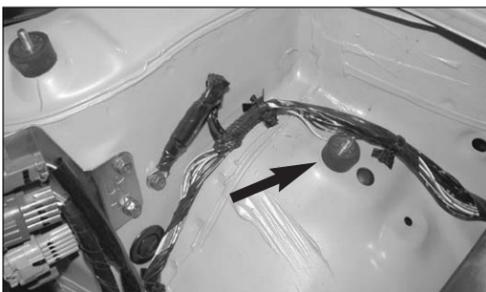
19. Secure the provided mass air adapter to the stock mass air sensor using the provided button head screws. **NOTE:** Place the longest button head screw in the orientation shown. (see arrow)



20. Install the twist bracket onto the long button head screw and secure with the provided hardware as shown. **NOTE:** The part number stamped on the bracket must be facing up in the orientation shown.



21. Remove the plastic push clip from the strut tower, then, install the provided rubber mounted stud into the threaded hole as shown.



22. Install the provided rubber mounted stud into the threaded hole on the inner fender as shown.



23. Install the remaining rubber mounted stud into the threaded hole on the inner fender as shown.



24. Slide the mass air assembly into the hump hose and line up the bracket with the rubber mounted stud on the strut tower and secure with the provided hardware as shown.



25. Install the silicone hose and hose clamps onto the K&N cold air tube as shown. **NOTE:** Before installing the silicone hump hose, inspect the inside of the tube for any debris, then clean the inside out with water and a towel. Inspect the tube one more time before proceeding to the next step.



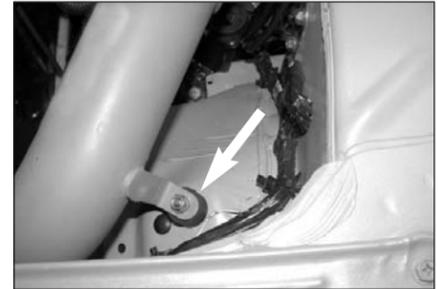
26. Apply the provided edge trim to the hole on the inner fender as shown.



27. Slide the cold air tube into the hole on the inner fender as shown.



28. Line up the silicone hose on the cold air tube with the mass air sensor adapter, then slide the silicone hose onto the adapter and tighten with the provided hose clamp as shown.



29. Secure the upper bracket on the cold air tube to the rubber mounted stud on the inner fender well and secure with the provided hardware as shown.



30. Secure the lower bracket on the cold air tube with the rubber mounted stud on the inner fender, then, secure it with the provided hardware as shown.



31. Install the K&N Drycharger onto the K&N Filtercharger as shown.

**NOTE:** The Drychargers water repellent properties will last up to two years. See the parts list to re-order a new Drycharger if necessary.



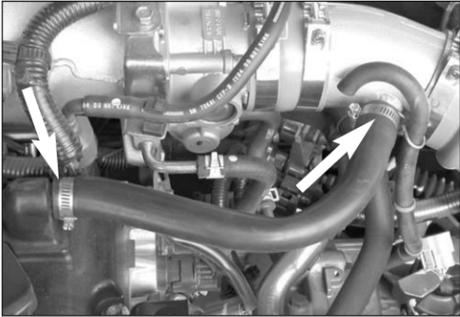
32. From underneath the vehicle install the K&N Filtercharger onto the cold air tube and secure with the provided hose clamp as shown.



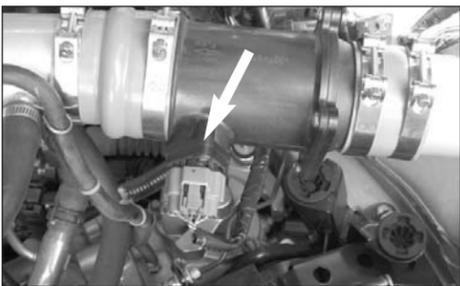
33. Slide the provided wire hanger onto the transmission vent hose as shown.



34. Slide the wire hanger onto the vent on the throttle body tube as shown.



35. Install the provided hose and hose clamps onto the cam cover, then, connect the other end to the vent on the throttle body tube as shown. Tighten hose clamps.



36. Reconnect the mass air sensor electrical connection as shown.



37. Re-connect the negative battery cable and double check that everything is tight and properly positioned before starting the vehicle.



38. Reinstall the engine cover as shown.

39. Reverse the removal process and reinstall the inner fender valance using the four push clips and the stock screw from step 13.



40. This K&N Typhoon kit was designed to be used in two different configurations. In the case of inclement weather, the cold air tube can be removed and the K&N Filtercharger can be clamped onto the mass air adapter located in the engine compartment as shown above to avoid the possibility of ingesting water into the engine.

41. 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.

42. It will be necessary for all Typhoons 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 99-5000 or 99-5050.

**\*FREE K&N DECAL To register your warranty, please see us online at [knfilters.com/register](http://knfilters.com/register). FREE K&N DECAL\***