

# TYPHOON INTAKE SYSTEMS

BY 

**Warning:** 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

### 69-7060

**Nissan**  
2002-06 Altima  
L4-2.5L

**NOTE:**  
Excluding 2004 LEV2  
SULEV engine family 4NSXV02.585A

#### TOOLS NEEDED:

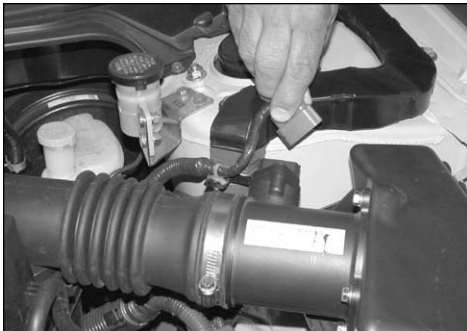
Flat blade screwdriver  
Ratchet  
10mm socket  
Pliers  
4mm allen  
5mm allen

#### TO START:

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



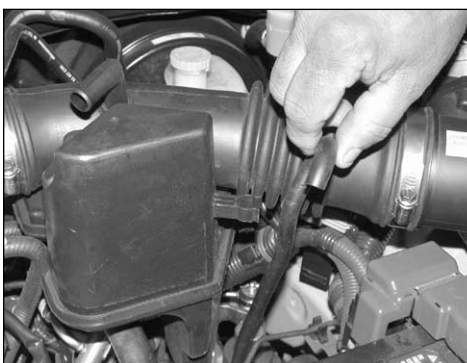
2. Remove the four bolts that retain the engine cover, then remove the engine cover.



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



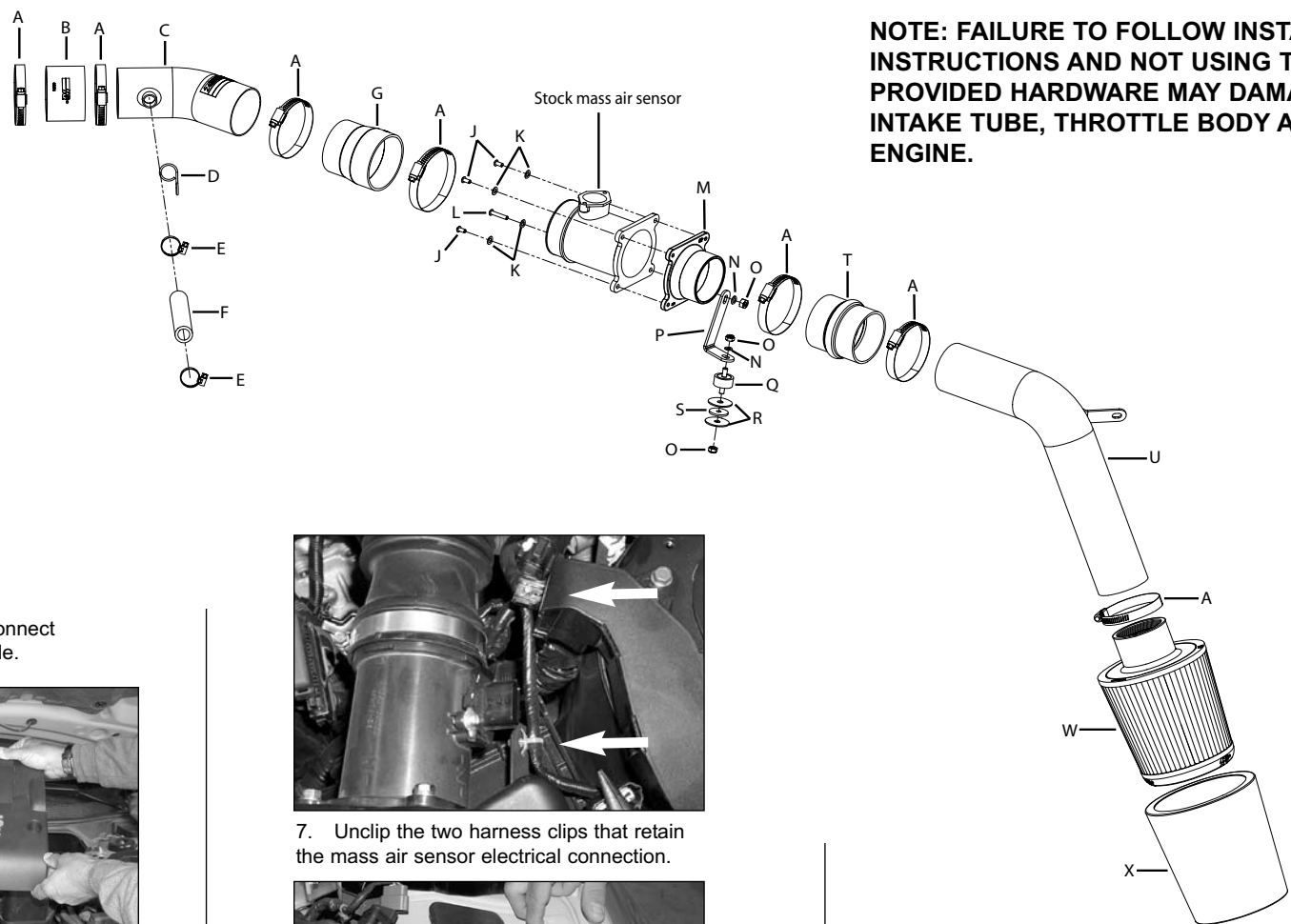
4. Disconnect and remove the crank case vent hose as shown.



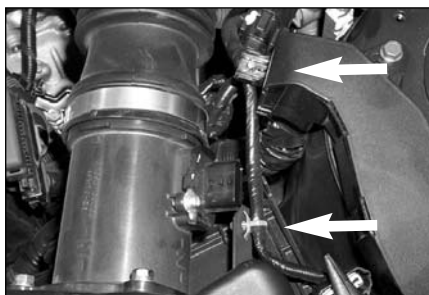
5. Remove the transmission vent hose from the resonator as shown. **NOTE:** On 2005 models, the vent hose may be located on the back side of the resonator.



6. Loosen the hose clamp at the throttle body as shown.



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



7. Unclip the two harness clips that retain the mass air sensor electrical connection.



8. Detach the two clips on the upper air cleaner assembly as shown.



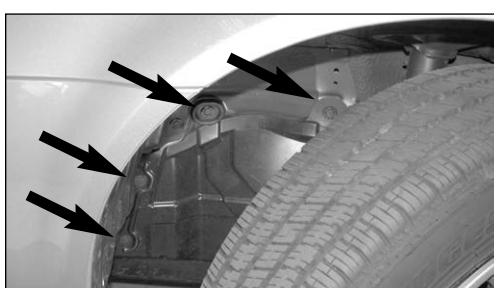
9. Remove the upper air cleaner assembly as shown.



10. Loosen and remove the bolt that secures the lower air cleaner assembly as shown.



11. Pull firmly upwards to release and remove the lower air cleaner assembly as shown.



12. Remove the four push clips from the inner fender valance as shown.

#### Parts List

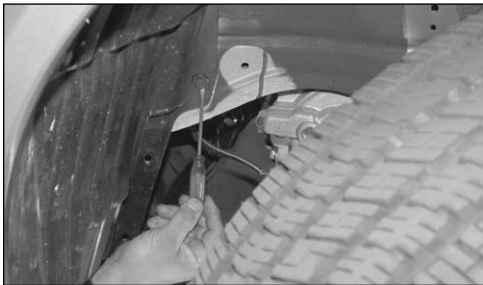
Description	Qty.	P/N
A Hose Clamp, #44	7	08560
B Silicone Hose, Black	1	08440
C Typhoon Throttle Body Tube	1	087075
D Cable Support Hook	1	21901
E Hose Clamp, #08	2	08410
F Silicone Hose	1	084047
G Silicone Step Hose, Black	1	08437
J 6mm Button Head Screw, 12mm L.	3	07794
K 6mm Wave Washer	4	08277
L 6mm Button Head Screw, 25mm L.	1	07729
M Mass Air Adaptor	1	088008
N 6mm Flat Washer	2	08269
O 6mm Nylock Nut	3	07512
P "L" Bracket	1	070047
Q 6mm Rubber Mounted Stud	1	07027
R Fender Washer	2	21711
S Rubber Washer	1	21685
T Silicone Hump Hose, Black	1	08439
U Typhoon Cold Air Intake	1	087076
W Filtercharger	1	RX-4870
X Drycharger, Black	1	971000DK



13. Remove the inner fender valance as shown.



14. From underneath the vehicle loosen and remove the two screws on the lower valance as shown.  
**NOTE: It will be necessary to raise the vehicle and secure it with jack stands for this step.**



15. Remove the push clip from the inner wheel house valance as shown.



16. Pull the wheel house valance down as shown.



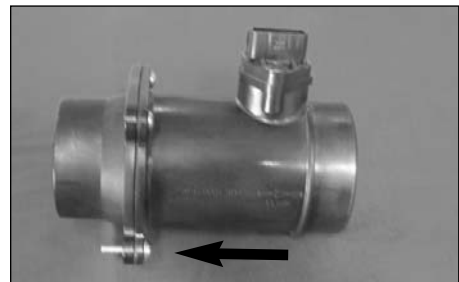
17. From underneath the vehicle, loosen and remove the two bolts that secure the intake resonator, then remove the resonator as shown.



18. Loosen the hose clamp, then, remove the rubber bellows from the mass air sensor as shown.



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



20. Assemble the mass air adapter and the mass air sensor using the provided hardware as shown. **NOTE: One of the button head screws is longer than the others and should be placed in the orientation as shown.**

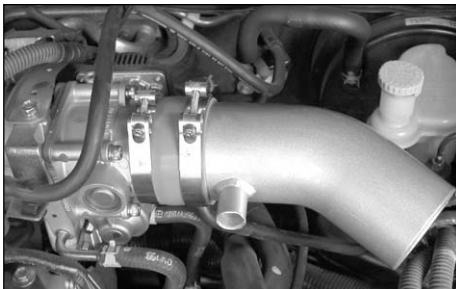


21. Install the bracket onto the mass air sensor using the provided hardware as shown.



22. Install the silicone hose and hose clamps onto the throttle body tube and tighten as shown.

**NOTE: Before installing the silicone 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.**



23. Install the throttle body tube onto the throttle body as shown, but do not tighten at this point.



24. Install the silicone hose and hose clamps onto the mass air sensor as shown.



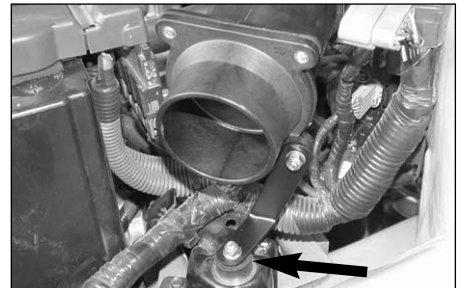
25. Remove the stock rubber grommet from the air cleaner support bracket as shown.



26. Install the larger flat washer and rubber fender washer to the bottom side of the air cleaner support bracket as shown. Install the rubber mounted stud and another flat washer and secure from underneath with the provided nylock nut.



27. Slide the mass air assembly onto the throttle body tube as shown.



28. Secure the bracket to the rubber mounted stud using the provided hardware as shown.



29. Install the stepped hump hose onto the K&N cold air tube and secure it with the provided hose clamps 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.**



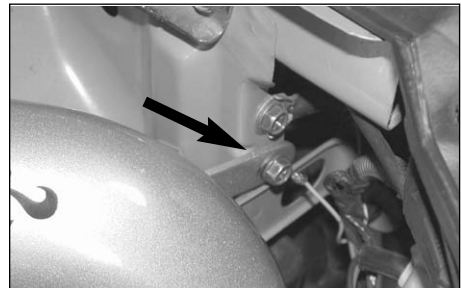
30. Loosen and remove the lower bolt that secures the ground wire to the inner fender as shown.



31. Slide the cold air tube into the hole in the inner fender as shown.



32. Slide the hump hose onto the mass air sensor assembly as shown but do not tighten completely.



33. Using the bolt removed in step 31, secure the cold air tube bracket and ground wire to the inner fender as shown.



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



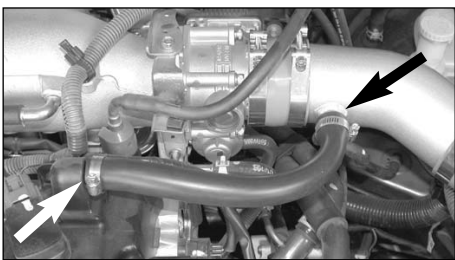
35. From underneath the vehicle install the K&N Filtercharger onto the K&N cold air tube and secure with the provided hose clamp.



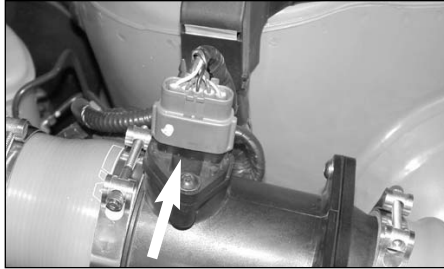
36. Slide the transmission vent hose into the provided wire hanger as shown, then slide the wire hanger onto the vent tube on the K&N throttle body tube as shown



37. On 2005 models, open the supplied cable support clip and route over the fuel line hose. Clamp cable support clip to tighten if necessary.



38. Install the provided vent hose onto the cam cover and the intake tube and secure with the provided hose clamps as shown.



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



40. Re-install the engine cover with the four bolts that were removed in step 2.



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



42. 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.

43. 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.

44. 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.