

# TYPHOON INTAKE SYSTEMS



**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

### 69-6501

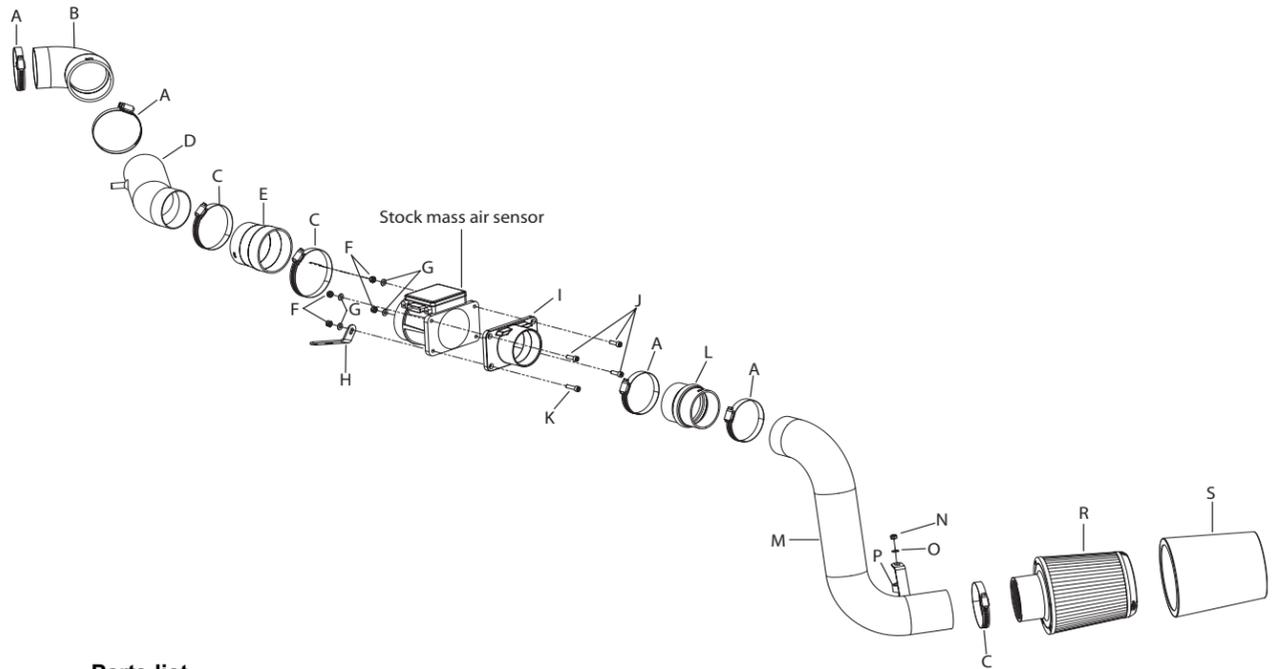
#### Mitsubishi

2000-02 Eclipse  
2003-05 Eclipse GT  
V6-3.0L

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

#### Tools

Needle Nose Pliers 12mm Socket  
4mm Allen Wrench 13mm Socket  
5mm Allen Wrench 5/16 socket  
Ratchet  
6" Extension  
10mm Socket



#### Parts list

Description	Qty.	P/N	Description	Qty.	P/N
A Hose Clamp, #44	4	08560	K 6mm Cap Head Allen Bolt, 25mm L.	1	07862
B Silicone hose, 90 Degree, Black	1	084012	L Silicone Hump Hose, Black	1	08432
C Hose Clamp, #48	3	08601	M Typhoon Cold Air Intake Tube	1	27104
D Typhoon intake tube	1	27103	N 8mm Nylock Nut	1	07503
E Silicone Step Hose, Black	1	08429	O 8mm Flat Washer	1	08272
F 6mm Nylock Nut	4	07512	P 8mm Rubber Mounted Stud	1	070227
G 6mm Wave Washer	4	08277	R Filtercharger	1	KRU4730E
H "L" Bracket	1	070042	S Drycharger, Black	1	971000DK
I Mass Air Adapter	1	088007			
J 6mm Cap Head Allen Bolt, 20mm L.	3	07860			

#### TO START:

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



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



3. Unclip the mass air sensor wire harness from the stock hanger as shown.



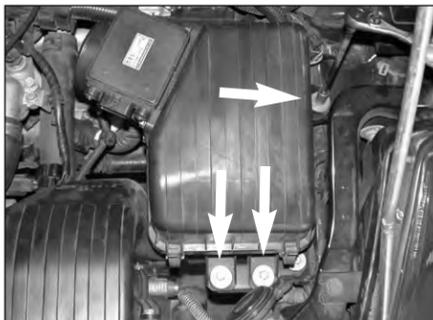
4. Disconnect the crank case vent hose from the stock intake tube as shown.



5. Loosen the hose clamps at the throttle body and at the mass air sensor, then, remove the stock intake tube as shown.



6. Depress the center pins to release the push clips on the stock air inlet duct as shown.



7. Loosen the 3 bolts that secure the air cleaner assembly as shown.



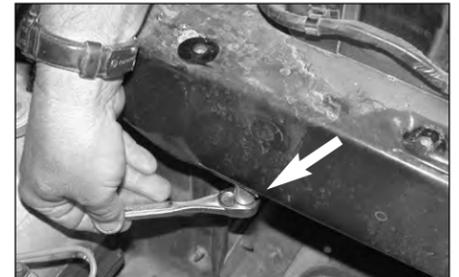
8. Remove the complete air cleaner assembly as shown.



9. Remove the two bolts that secure the stock air cleaner mounting bracket as shown.



10. Remove the stock air cleaner mounting bracket as shown.



11. Remove the stock bolt on the bottom of the inner frame rail as shown.



12. Install the provided rubber mounted stud into the threaded hole from step 11.



13. Install the silicone hose and hose clamps onto the Typhoon intake tube as shown but do not tighten. **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.**



14. Slide the Typhoon intake tube assembly onto the throttle body as shown but do not tighten.



15. Remove the nuts that secure the mass air sensor to the stock air cleaner then, remove the mass air sensor as shown.



16. Assemble the provided mass air sensor adapter, bracket and the stock mass air sensor and stock gasket using the provided hardware as shown. Note: The longest cap screw is used for the bracket in the orientation shown.



17. Install the silicone step hose and hose clamps onto the mass air sensor and tighten as shown.



18. Remove the bolt that secures the wire harness to the stock water neck as shown.



19. Slide the mass air sensor assembly onto the Typhoon intake tube as shown but do not tighten.



20. Secure the bracket to the water neck using the bolt removed in step 18.



21. Install the silicone hump hose and hose clamps onto the Typhoon cold air intake 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.



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



23. On manual transmission vehicles install the Filtercharger onto the Typhoon cold air intake tube and tighten as shown.

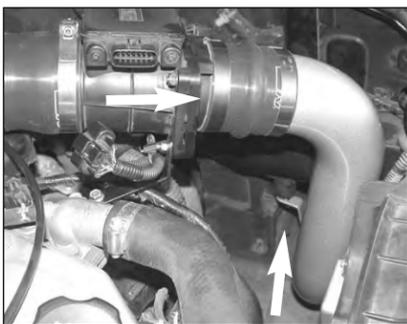
**Note:** Automatic transmission vehicles will need to have the Filtercharger installed from underneath the vehicle.



24. On manual transmission vehicles install the Typhoon cold air intake tube assembly into the vehicle as shown.



25. On automatic transmission vehicles install the Typhoon cold air intake tube only as the filtercharger will be installed from underneath the vehicle.



26. Slide the hump hose onto the mass air sensor, then, line up the bracket on the cold air tube with the rubber mounted stud on the bottom of the inner frame rail as shown.



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



28. On automatic transmission vehicles raise the vehicle up and secure it with jack stands. Now remove the 5 screws that secure the lower valance and pull the valance back as shown.



29. From underneath the vehicle install the Filtercharger and secure with the provided hose clamp.



30. Reverse the removal process and re-secure the lower valance as shown.

31. Tighten all hose clamps and brackets and check for proper clearance.



32. Reconnect the crank case vent hose to the vent on the Typhoon intake tube as shown.



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



34. Reconnect the negative battery cable and double check that everything is tightened and properly positioned before starting the vehicle.



35. This K&N Typhoon intake kit has been designed to be used in two different configurations. In the case of inclement weather, the cold air tube can be removed and the filter can be clamped onto the mass air sensor adapter located in the engine compartment to avoid the possibility of ingesting water into the engine.

36. 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.

37. 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.