



AIRCHARGER™

HIGH-FLOW INTAKE KITS

LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED, REGISTERED OR LICENSED FOR USE UPON A HIGHWAY.

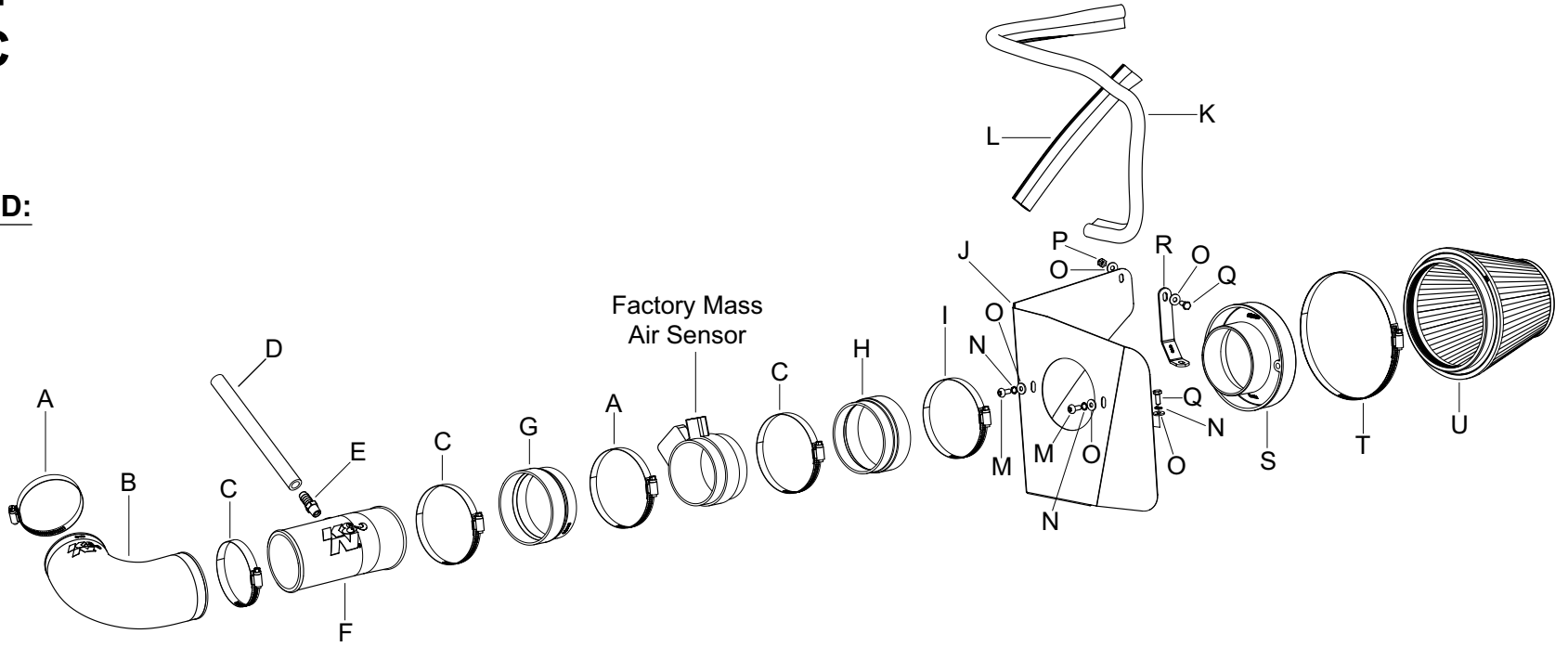
See knfilters.com for CARB status on each part for a specific vehicle

INSTALLATION INSTRUCTIONS

63-3072
PONTIAC
2008-09 G8
V6-3.6L

TOOLS NEEDED:

- 5/8" wrench
- 4mm allen wrench
- 7mm socket
- 10mm socket
- 10mm wrench
- t27 torx
- t25 torx
- extension
- flat blade screwdriver
- ratchet



PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp #52	2	08610	I Hose Clamp #64 Stainless	1	08645	Q Bolt; 6MM-1.00 X 16MM, SS	2	07812
B Hose; 3-1/2" ID 107DEG Angled Molded	1	084089	J Heat Shield	1	073110	R Bracket; Mild STL, FB/PC	1	07190
C Hose Clamp #56	3	08620	K Edge Trim (35")	1	102471	S Adaptor; #454	1	27300
D Hose; 1/2" ID X 9" L	1	08401	L Edge Trim (11")	1	102468	T Hose Clamp #104	1	08697
E Vent; Strt 1/2" Hose, 1/4" NPT, Plas	1	080022	M Bolt; M6 X 1.00" 12MM Buttonhead, SS	2	07794	U Air Filter	1	RC-5138
F Intake Tube (HN)	1	087151	N Washer; 1/4" Lock, ZN	3	08198			
G Hose; 3-1/2" TO 3-1/4" ID X 2-1/2" L Tprd Molded	1	08051	O Washer; 1/4" ID X 5/8" OD - SAE	5	08275			
H Hose; 4" TO 3-1/2" ID X 3" L Tprd Molded	1	08050	P Nut; 6MM Nylock, Hexhead, SS	1	07512			

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 coded 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. Disconnect the mass air sensor electrical connection.



3. Disconnect the crank case vent line from the factory intake tube.



4. Loosen the hose clamps which secure the factory intake tube to the mass air sensor and throttle body.



5. Remove the intake tube from the vehicle.



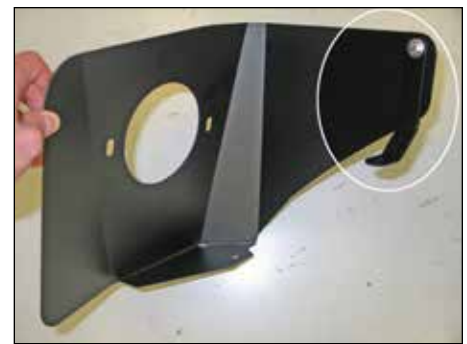
6. Remove the two nuts which secure factory air box to the inner fender.
NOTE: One of the nuts will be reused in a later step.



7. Pull up firmly and remove the air box from the vehicle.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



8. Remove the lower air box mounting stud shown.



9. Install the heat shield mounting bracket (07190) onto the heat shield as shown using the provided hardware.



10. Install the filter adapter onto the heat shield as shown using the provided hardware.



11. Install the provided silicone hose (08050) onto the filter adapter and secure with the provided hose clamp.



12. Install the shorter edge trim onto the heat shield as shown.
NOTE: Some trimming of the edge trim will be necessary.



13. Install the longer edge trim onto the heat shield as shown.
NOTE: Some trimming of the edge trim will be necessary.



14. Install the heat shield assembly into the vehicle and secure with the factory nut from step #6 and hardware provided.



15. Remove the mass air sensor from the factory air box.



16. Install the mass air sensor onto the heat shield assembly and secure with the provided hose clamp.
NOTE: Be sure to correctly position the mass air sensor in the correct direction as indicated by the arrow which shows the way of air travel.



17. Install the 1/4" npt vent fitting into the K&N® intake tube as shown.
NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.



18. Install the angle hose (084089) onto the K&N® intake tube and secure with the provided hose clamp.
NOTE: Do not completely tighten at this time.



19. Install the silicone hose (08051) onto the K&N® intake tube and secure with the provided hose clamp.
NOTE: Do not completely tighten at this time.



20. Install the intake tube assembly onto the throttle body and mass air sensor, adjust for proper fit then secure with the provided hose clamps.



21. Remove the driver's side engine cover as shown.



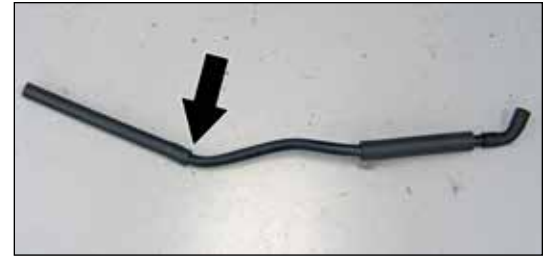
22. Disconnect the crank case vent tube from the valve cover and remove from the vehicle.



23. Remove the elbow and foam insulation from the crank case vent tube as shown.



24. Measure 8.5" from the end of the tube and then cut the tube using a sharp knife.



25. Install the provided silicone hose onto the factory crank case vent tube as shown.



26. Install the crank case breather hose onto the valve cover and connect the open end to the vent fitting attached to the K&N® intake tube.



27. Reinstall the engine cover.



28. Install the K&N® air filter and secure with the provided hose clamp.
NOTE: Drycharger® air filter wrap; part number 22-8049DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>®.



29. Reconnect the mass air sensor electrical connection.



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

29. 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.

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