



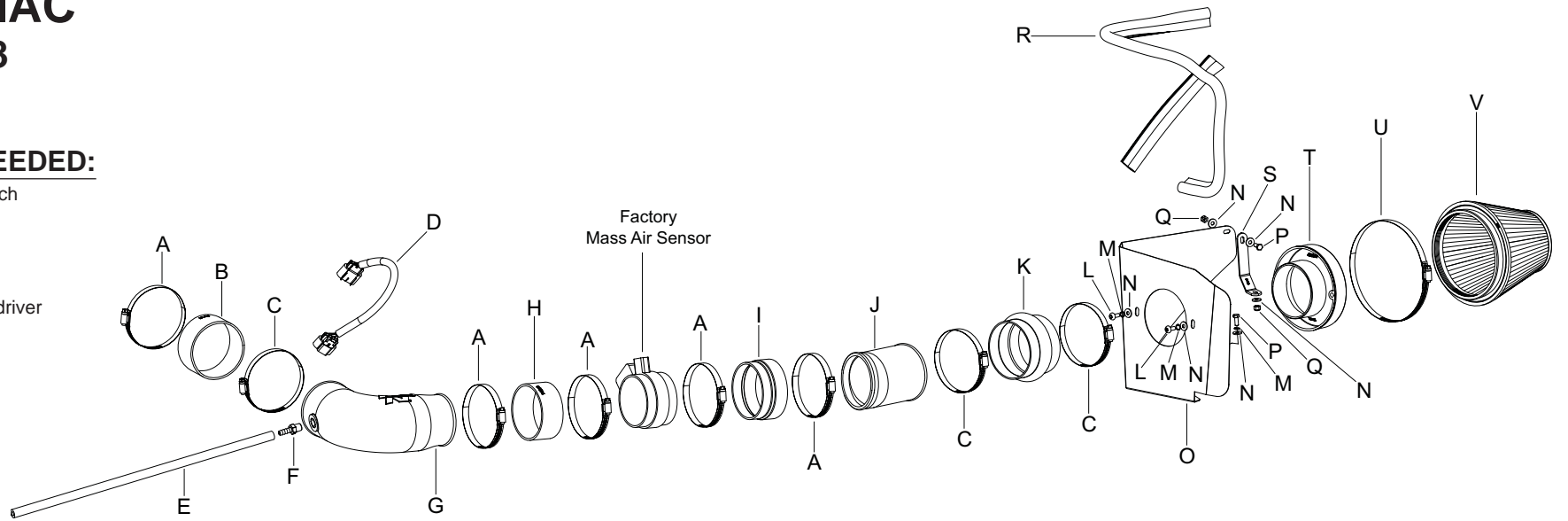
AIRCHARGER™ HIGH-FLOW INTAKE KITS

INSTALLATION INSTRUCTIONS

63-3071 PONTIAC 2008 G8 V8-6.0L

TOOLS NEEDED:

5/32" allen wrench
7mm socket
10mm socket
10mm wrench
extension
flat blade screwdriver
pliers
ratchet
t30 "torx" socket



PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp #60	5	08624	I Hose; 4" ID X 2" L Reinforced	1	08761	Q Nut; 6MM Nylock, Hexhead, SS	2	07512
B Hose; 4" TO 3-13/16" ID X 2" L Tprd Reinforced	1	08618	J Intake Tube (HM)	1	087150	R Edge trim (50")	1	102481
C Hose Clamp #64	3	08648	K Hose; 4" ID X 3" L Hump Reinforced	1	08418	S Bracket; 63-1088, Mild STL, FB/PC	1	07190
D MAF Extension Harness, 63-3071	1	21682	L Bolt; M6 X 1.00 X 16MM , Buttonhead, SS	2	07730	T Adaptor; 57-3058 #454	1	27300
E Hose; 8MM ID X 21" L	1	08409	M Washer; 1/4" Lock, ZN	3	08198	U Hose Clamp #104	1	08697
F Vent; Strt, 5/16" Barbed, 1/4 NPT, Nylon	1	08908	N Washer; 1/4"ID X 5/8"OD - SAE	6	08275	V Air Filter	1	RC-5138
G Intake tube (HL)	1	087149	O Heat shield	1	073109			
H Hose; 3-3/4" ID X 1-3/4" L Reinforced	1	08536	P Bolt; 6MM-1.00 X 16MM, SS	2	07812			

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. Remove the oil fill cap and then remove the engine cover from the engine as shown. Reinstall the oil fill cap.



3. Disconnect the crank case vent hose from the valve cover as shown.



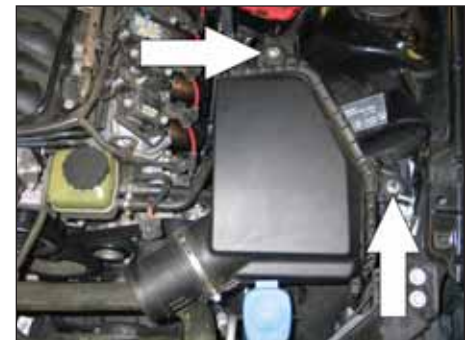
4. Loosen the two hose clamps which secure the stock intake tube to the throttle body and mass air sensor.



5. Remove the complete stock intake tube assembly from the vehicle as shown.



6. Disconnect the mass air sensor electrical connection.



7. Remove the two air box mounting nuts shown.



8. Remove the complete air box assembly from the vehicle.

NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



9. Remove the air box mounting stud shown.



10. Install the heat shield mounting bracket (07190) onto the air box mounting stud using the provided hardware.

NOTE: Do not completely tighten at this time.



11. Install the provided edge trim onto the heat shield as shown.

NOTE: The edge trim will need to be cut into two sections as shown.



12. Install the filter adapter into the heat shield and secure with the provided hardware.



13. Install the heat shield assembly into the vehicle and secure it to the mounting bracket installed in step #10 and to the air box mounting stud location.



14. Install the silicone hose (08618) onto the throttle body and secure with the provided hose clamp.



15. Install the provided silicone hose (08418) onto the filter adapter and secure with the provided hose clamp.



16. Loosen the hose clamp and remove the mass air sensor from the factory air box. Install the provided silicone hose (08761) onto the mass air sensor and secure with the provided hose clamp.

NOTE: Note the air flow direction of the mass air sensor by the arrow embossed on the side.



17. Install the provided silicone hose (08536) onto the mass air sensor and secure with the provided hose clamp.



18. Install the small intake tube into the silicone hose at the filter adapter as shown.

NOTE: Do not tighten the hose clamp at this time. The part number stamped into the tube should be facing down when correctly installed.



19. Install the mass air sensor assembly onto the K&N intake tube as shown.

NOTE: Do not completely tighten at this time. Note the air flow direction of the mass air sensor by the arrow embossed on the side.



20. Install the crankcase fitting into the K&N intake tube as shown.



21. Install the K&N intake tube with mass air sensor into the silicone hose at the throttle body and onto the intake tube on the filter adapter. Rotate and adjust the intake tubes for proper fit and then secure the assembly with the hose clamps.

NOTE: Be sure to place the mass air sensor connection at a 45° angle towards the rear of the car.



22. Connect the provided mass air sensor extension harness to the factory connector and then to the mass air sensor as shown. Route the wiring harness behind the mass air sensor for clearance from the engine cover.



23. Connect the crank case vent hose to the valve cover port and then connect the open end to the vent fitting installed into the K&N intake tube.



24. Remove the oil fill cap and reinstall the engine cover. Reinstall the oil fill cap.



25. Install the 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>.



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

27. 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.

* FREE K&N® decal To register your warranty, please see us online at knfilters.com/register. FREE K&N® decal *

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