



AIRCHARGER®

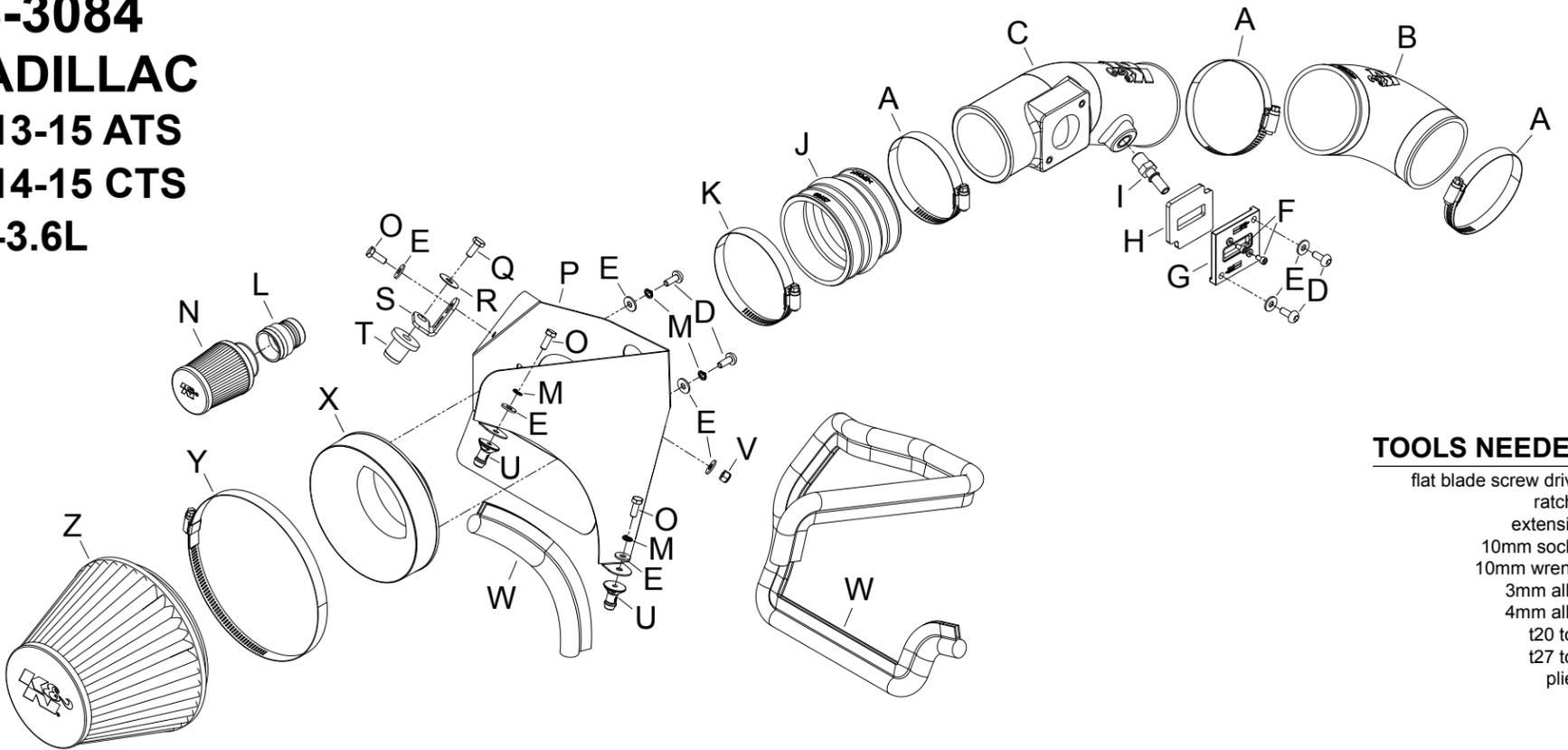
HIGH-FLOW INTAKE KITS

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

63-3084
CADILLAC
2013-15 ATS
2014-15 CTS
V6-3.6L



TOOLS NEEDED:

- flat blade screw driver
- ratchet
- extension
- 10mm socket
- 10mm wrench
- 3mm allen
- 4mm allen
- t20 torx
- t27 torx
- pliers

PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP #52	3	08610	J HOSE; HUMP;3.25 ID- 3.5 ID	1	08657	S BRACKET; "L", 63-3083, STL	1	064319
B HOSE; 3-1/4" TO 3" ID 90DEG	1	08629	K HOSE CLAMP #56	1	08620	T INSERT; 3/8-16 X 3/400 X 15/16L	1	08163
C INTAKE TUBE (JS)	1	087287A	L ADAPTOR; 1-1/8"OD QUICK	1	088012	U MOUNT, PLASTIC AIRBOX	2	8-186-1
D BOLT; M6 X 1.00 X 16MM, SS	4	07730	M WASHER, M6 SPLIT LOCK ZINC	4	1-3025	V NUT; 6MM NYLOCK, HEXHEAD	1	07512
E WASHER; 6MM FLAT, SS	8	08269	N 1-1/8"FLG, 2-1/4"B, 2"T, 2-1/2"L	1	RC-2540	W EDGE TRIM (55")	1	102480
F BOLT; M4 - 0.07 8MM, A/H CAP	2	07733	O BOLT; 6MM-1.00 X 16MM, SS	3	07812	X ADAPTER; UNIVERSAL, 6"	1	21512-1
G ADAPTOR; 57-2556, NYLON	1	21515	P HEAT SHIELD	1	073165	Y HOSE CLAMP #104	1	08697
H GASKET; 57-2556, 3/16 PORON	1	09069	Q BOLT; 3/8"-16 X 1-1/4" L SS HEX	1	07779	Z FILTER CHARGER	1	RC-5138
I VENT; STRT, 1/4NPT TO QUICK	1	82630	R WASHER; 3/8" FLAT WASHER	1	08134			

If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

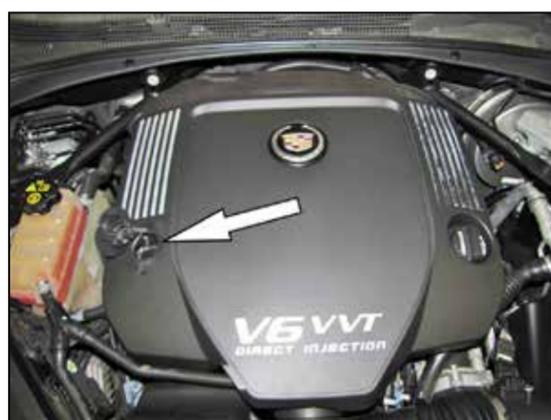
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

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 code 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. Lift up the small cover on the decorative engine cover to gain access to the bolt securing the cover. Remove the bolt securing the cover, remove the oil cap and then remove the decorative engine cover. Reinstall the oil cap.



4. Release the clip securing the crank case vent line to the factory intake hose and then disconnect the crank case vent hose.



5. Release the air injection quick disconnect fitting and then disconnect the air injection tube from the factory air box.

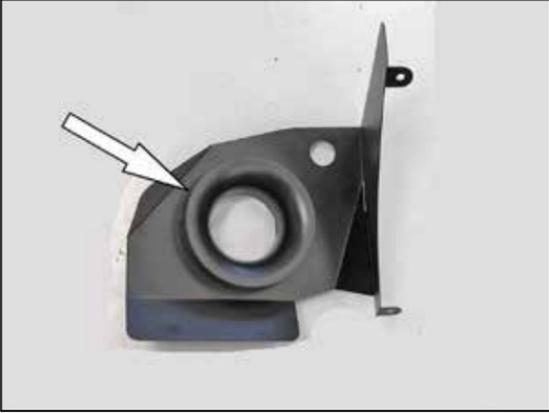


6. Loosen the hose clamp securing the intake tube to the throttle body. Disconnect the factory intake tube from the throttle body.

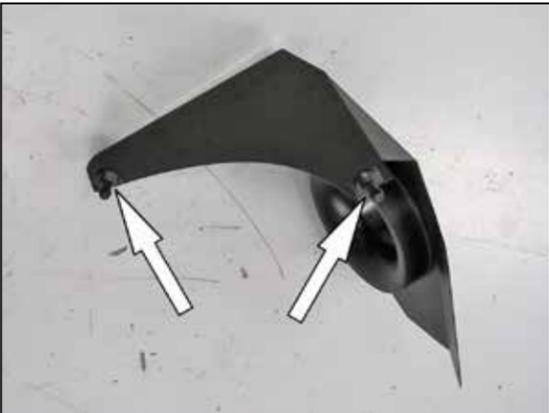


7. lift up the air filter housing to dislodge it from the mounting grommets and then remove the complete factory intake system.

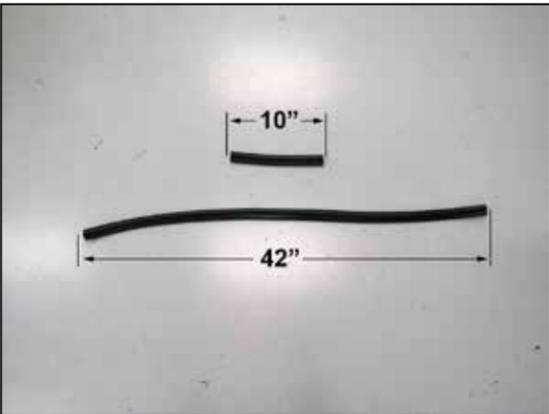
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



8. Install the filter adapter into the K&N® heat shield and secure with the provided hardware.



9. Install the two provided mounting studs onto the heat shield using the provided hardware.



10. Cut the provided edge trim into two lengths. One length will be 42" long; the other length will be 10" long.



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



12. Install the provided heat shield mounting bracket (064319) onto the heat shield using the provided hardware.

NOTE: Do not completely tighten the bracket at this time.



13. Install the quick connect adapter and crank case breather filter onto the heat shield as shown.



14. Install the K&N® air filter onto the filter adapter and secure with the provided hose clamp.
NOTE: Drycharger® air filter wrap; part # 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>®.

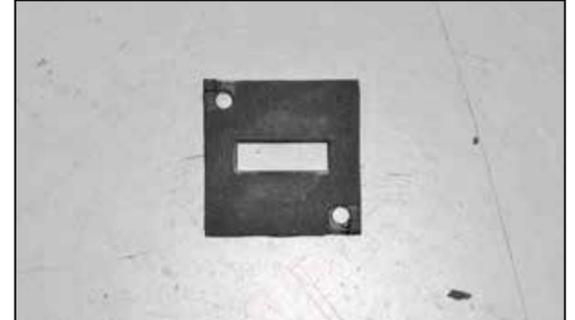


15. Install the heat shield assembly into the vehicle so that the mounting studs insert into the mounting grommets, then secure the mounting bracket to the core support. Tighten all of the hardware securing the heat shield.



16. Install the quick disconnect fitting into the K&N® intake tube.

NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.



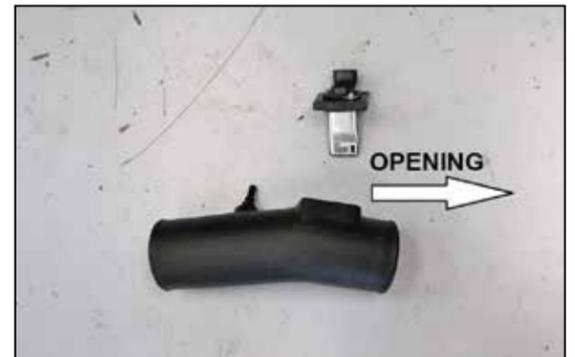
17. Install the provided gasket onto the mass air sensor adapter.



18. Remove the sensor from the factory intake system.



19. Install the mass air sensor into the K&N® mass air adapter.



20. Install the mass air sensor assembly into the K&N® intake tube; be sure to install the sensor in the correct direction.



21. Install the provided angle hose #08629 and hump hose #08493 onto the K&N® intake tube but do not completely tighten at this time.



22. Install the intake tube onto the filter adapter first and then onto the throttle body. Adjust the tube and hoses for best fit and then secure with the provided hose clamps.



23. Connect the crank case vent hose to the quick disconnect fitting installed into the K&N® intake tube.



24. Connect the mass air sensor electrical connection.



25. Connect the air injection hose to the quick disconnect fitting.



26. Reinstall the decorative engine cover.



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

28. 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., requires cleaning the intake system's air filter element every 100,000 miles. When used in dusty or off-road environments, our filters will require cleaning more often. We recommend that you visually inspect your filter once every 25,000 miles to determine if the screen is still visible. When the screen is no longer visible some place on the filter element, it is time to clean it. To clean and re-oil, purchase our filter Recharger® service kit, part number 99-5050 or 99-5000 and follow the easy instructions.

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