



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

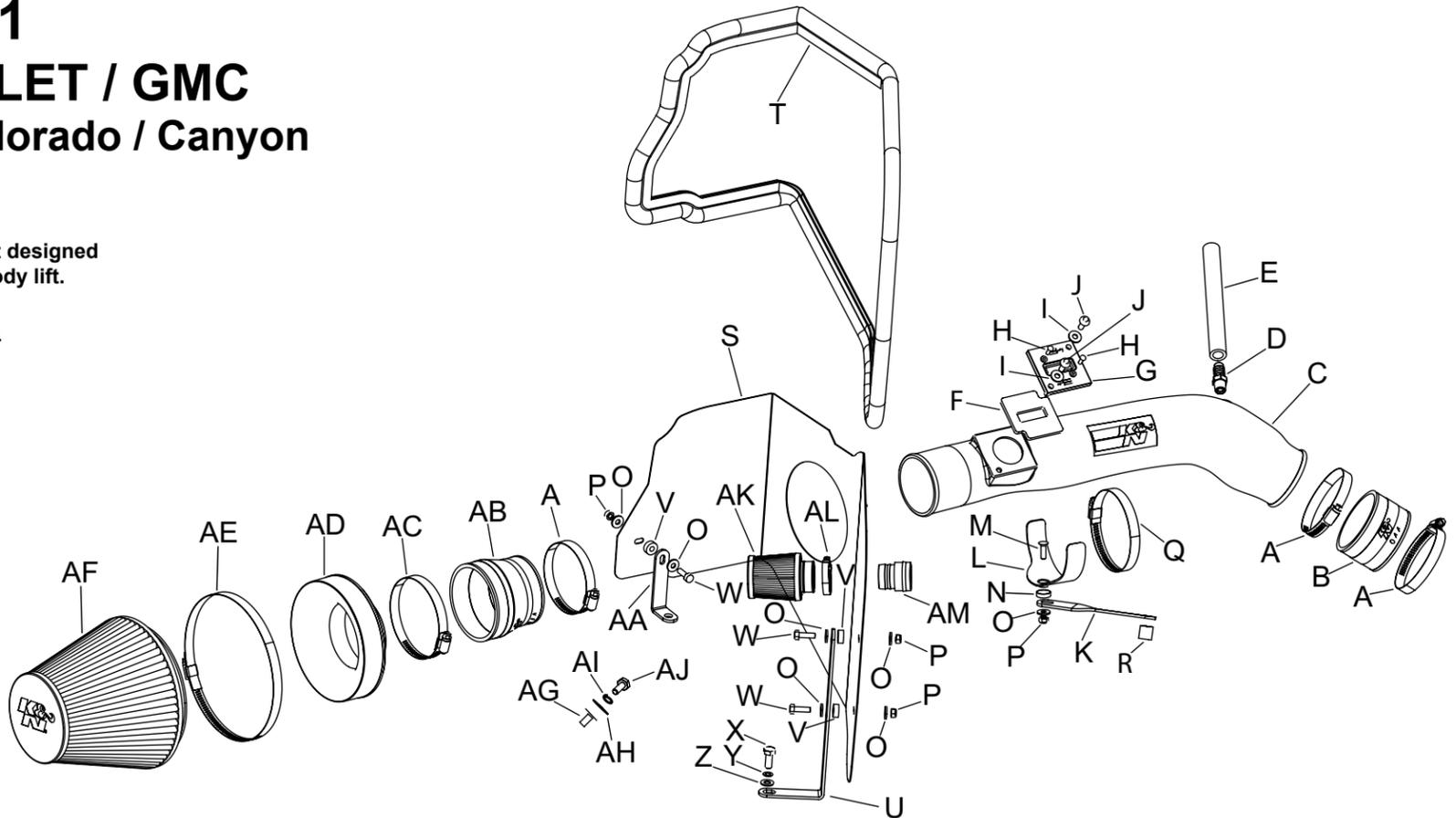
INSTALLATION INSTRUCTIONS

63-3064-1 CHEVROLET / GMC 2007-12 Colorado / Canyon L4-2.9L

NOTE: This kit was not designed to fit vehicles with a body lift.

TOOLS NEEDED:

- Ratchet Extension
- 13mm Socket
- 10mm Socket
- Flat Blade Screwdriver
- 5/8" Wrench
- 10mm Wrench
- T20 Torx Wrench
- 4mm Allen Wrench
- 3mm Allen Wrench



PARTS LIST:

Desc.	Qty.	Part#	Desc.	Qty.	Part#	Desc.	Qty.	Part#
A Hose Clamp #48	3	08601	N Washer; Conical, Nylon, Black	1	08180	AA Bracket; "L"	1	070602
B Hose; 3" ID X 2"L Black	1	08434	O Washer; 1/4" ID X 5/8" OD - SAE	7	08275	AB Hose; 3.5" ID To 3" ID Tprd. Silicone	1	08724
C Intake Tube	1	087215	P Nut; 6MM Nylock, Hex Head, SS	4	07512	AC Hose Clamp #56	1	08620
D Vent; STRT 1/2" Hose, 1/4" NPT	1	080022	Q Hose Clamp #52	1	08610	AD Adaptor; #380	1	21512
E Hose; 1/2" ID X 7"L, Black Silicone	1	08159	R Spacer; .625" OD X .375" ID X .625" "L" ZN	1	07849	AE Hose Clamp #104	1	08697
F Gasket; 3/16" Poron	1	09069	S Heat Shield	1	07656	AF Air Filter	1	RF-1048
G Adaptor; Nylon 6/6 GF, Black	1	21515	T Edge Trim (66")	1	102472	AG Insert; 1/4"-20 X .500"OD X .785"L	1	081011
H Screw; M4 - .7 X 12, BTNHD, SS	2	07726	U Bracket; Mild STL, FB/PC	1	010060	AH Washer; 1"D X 1/4 Hole	1	08160
I Washer; 6mm Flat, SS	2	08269	V Spacer; .625" OD X .250" ID X .250" L	3	06555	AI Washer; 1/4" Lock, ZN	1	08198
J Bolt; M6 X 1.00 X 16MM, BTNHD, SS	2	07730	W Bolt; M6 X 1.00" X 20MM HEX, SS	3	07795	AJ Bolt; 1/4-20 X 1"L Hex	1	08314
K Bracket; Mild STL FB/PC	1	010097	X Bolt; 8MM - 1.25 X 16MM, Hex Head	1	07844	AK Air Filter	1	RC-2540
L Bracket; Saddle, S/S	1	078855	Y Washer; 5/16" ID X 5/8" OD, Flat	1	08276	AL Hose Clamp; #20 Mini	1	08431
M Bolt; 6MM - 1.00 X 20MM F/H/A, SS	1	08376	Z Washer; 8MM Spring (Wave)	1	08239	AM Adaptor; 1-1/8"OD Quick-Connect, Blk	1	088012

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

1. Turn off the ignition and disconnect the negative battery cable.

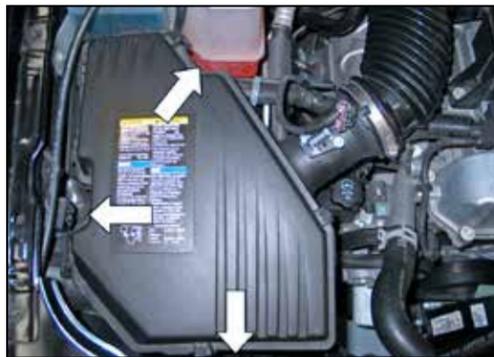
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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. Depress the locking tab and disconnect the mass air sensor electrical connection.



3. Loosen the hose clamp that secures the intake tube to the intake resonator. Disconnect the intake tube from the intake resonator as shown.
NOTE: On vehicles equipped with an air injection pump: Depress the locking ring on the air pump fresh air inlet tube, then disconnect the fresh air inlet tube from the air box.



4. Loosen and remove the two air box mounting bolts and one mounting nut as shown.
NOTE: 2008 and and later vehicles are not equipped with the retaining nut. All other vehicles will use the retaining nut in a later step.



5. Lift the air box up, removing it from the vehicle.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



6. Loosen the two intake resonator mounting bolts and hose clamp at the throttle body.
NOTE: One intake resonator mounting bolt will be re-used.

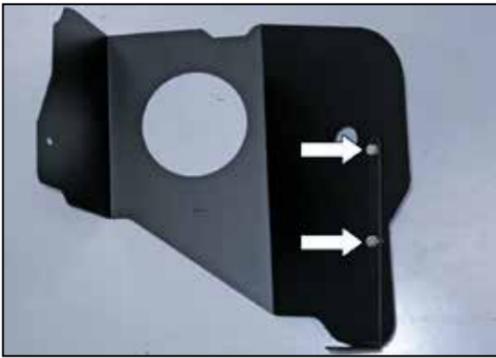


7. Remove the intake resonator from the vehicle as shown.

NOTE: Disconnect the crank case vent hose from the valve cover while removing the intake resonator from the engine.

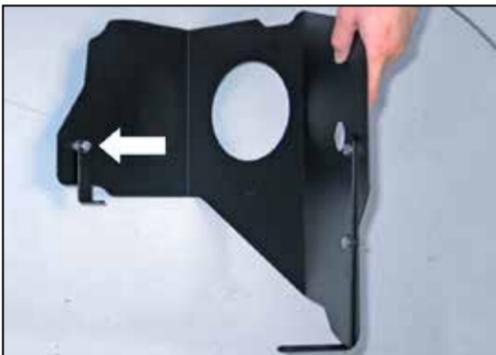


8. Install silicone hose (#08434) onto the throttle body and secure with the provided hose clamp as shown.



9. Install "L" bracket (#010060) onto the heat shield with the provided hardware as shown.

NOTE: Use two of the provided spacers between the bracket and heat shield, one on each bolt.



10. Install the small "L" bracket (#070602) onto the heat shield with the provided hardware as shown.

NOTE: Use one of the provided spacers between the bracket and heat shield.



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

NOTE: Some trimming of the edge trim may be necessary.



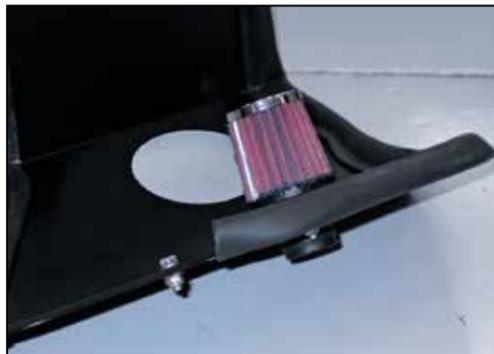
11a. On vehicles that are not equipped with the air box mounting stud and nut, drill out the existing hole in the inner fender with a drill and 1/2" bit.



11b. Install the provided insert nut into the hole drilled into the fender in step #11a.



11c. Install the provided adapter into the small heat shield hole as shown.



11d. Install the provided air pump filter onto the adapter installed in the previous step. Secure with the provided hose clamp.



12. Install the heat shield into the vehicle and secure with the provided hardware.
NOTE: On vehicles equipped with the air box mounting stud, the factory nut will be re-used. The front of the heat shield will secure to the front air box mounting location. The rear of the heat shield will secure to the mounting stud using the factory nut. On 2008 and later vehicles, the rear of the heat shield will secure to the insert nut installed in step #11b.



12a. On vehicles equipped with an air injection pump, secure the air injection pump hose to the adapter as shown.



13. Install the provided gasket onto the K&N® mass air sensor adapter as shown.



14. Remove the two mass air sensor mounting screws and remove the mass air sensor from the stock air box as shown.



15. Install the mass air sensor into the K&N® mass air sensor adapter and secure with the provided hardware as shown.



16. Install the mass air sensor assembly into the K&N® intake tube and secure with the provided hardware.
NOTE: The opening in the mass air sensor is to be pointed towards the inlet end of the intake tube.

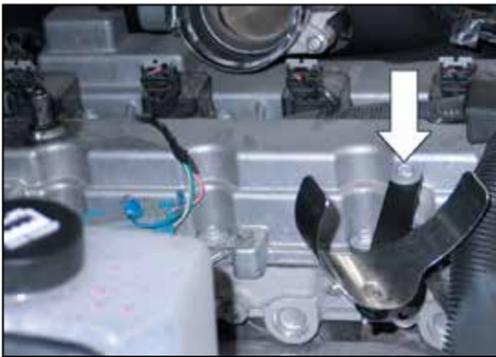


17. Install the provided 1/4" NPT fitting into the K&N® intake tube as shown.

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



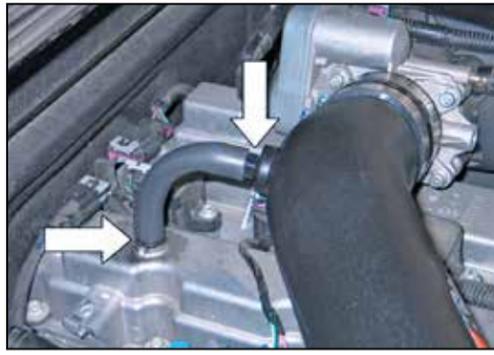
18. Install the saddle clamp onto the tube mounting bracket with the provided hardware.



19. Install the tube mounting bracket assembly onto the valve cover. Place the provided large spacer between the bracket and valve cover, and secure with the factory bolt removed in step #6 as shown.



20. Install the K&N® intake tube into the silicone hose at the throttle body and align it with the mounting bracket installed in the previous step. Secure the intake tube with the provided hose clamps.



21. Install the provided crank case vent hose onto the valve cover and connect the remaining open end to the K&N® intake tube as shown.

NOTE: Some trimming of the provided crank case vent hose may be necessary.



22. Install the provided air filter adapter into the K&N® air filter and secure with the provided hose clamp.



23. Install the silicone hose (#08724) onto the air filter adapter and secure with the provided hose clamp.



24. Install the air filter assembly onto the K&N® intake tube and secure with the provided hose clamp.



25. Re-connect the mass air sensor electrical connection.



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.

28. **NOTE:** Most General Motors vehicles have the Vehicle Emissions Certification Information (VECI) label affixed to the air filter box. In order to be compliant with California emissions laws, the label **MUST** remain in the engine compartment. If the Vehicle Emission Control Information label is removed during modification, a new replacement label must be obtained and installed in a readily visible position in the engine compartment. The label shall not be affixed to any equipment which is easily detached from the vehicle. We recommend that the label is affixed to the underside of the hood adjacent to the hood latch. The label is Vehicle Identification Number dependent and can be ordered from the vehicle dealership. In order to receive the proper decal please bring your VIN with you. Failure to have the VECI under the hood may result in failure of a pre-registration smog test.

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.

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