



INSTALLATION INSTRUCTIONS

57-3043

CHEVROLET / GMC / HUMMER

2004-06 Colorado / Canyon

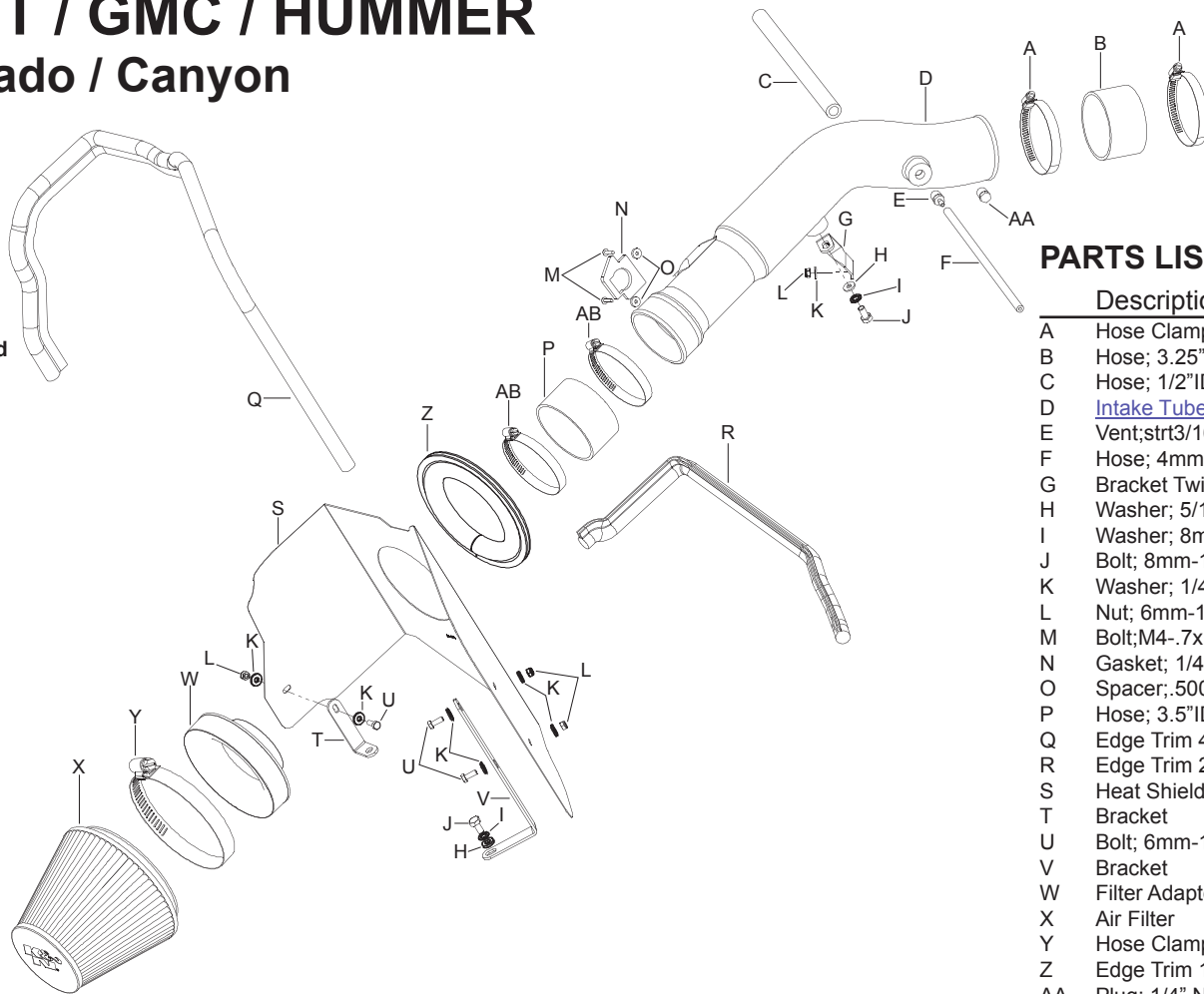
2006 H3

L5-3.5L

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

TOOLS NEEDED:

- 7/32" Socket
- 2.5mm Allen Wrench
- 10mm Socket
- 13mm Socket
- 10mm Wrench
- 13mm Wrench
- Extension
- Flat Blade Screwdriver
- Ratchet



PARTS LIST:

Description	Qty.	Part #
A Hose Clamp #52	2	08610
B Hose; 3.25"ID X 2"L Silicone	1	08690
C Hose; 1/2"ID X 12"L Silicone	1	087031
D Intake Tube	1	087157
E Vent;strt3/16" Barbed 1/4" NPT	1	080021
F Hose; 4mm ID X 12"L Silicone	1	08147
G Bracket Twist	1	010059
H Washer; 5/16"ID X 5/8"OD Flat	2	08276
I Washer; 8mm Wave	2	08239
J Bolt; 8mm-1.25 X 16mm Hex	2	07844
K Washer; 1/4"ID X 5/8"OD Flat	7	08275
L Nut; 6mm-1.00 Nylock	4	07553
M Bolt;M4-.7x16mm, BttnHd. Allen	2	07793
N Gasket; 1/4" Thk. Poron	1	09066
O Spacer;.500"odx.174"idx1.40" Thk.	2	06530
P Hose; 3.5"ID X 2"L, Silicone	1	08630
Q Edge Trim 44"	1	102486
R Edge Trim 26"	1	102488
S Heat Shield	1	074025
T Bracket	1	070602
U Bolt; 6mm-1.00 X 16mm Hex	3	07703
V Bracket	1	010060
W Filter Adapter #380	1	21512
X Air Filter	1	RF-1048
Y Hose Clamp #104	1	08697
Z Edge Trim 18"	1	102500
AA Plug; 1/4" Npt, Black Plastic	1	08032
AB Hose Clamp #56	2	08620

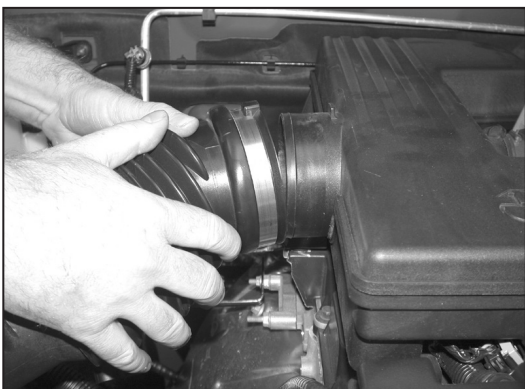
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

TO START:

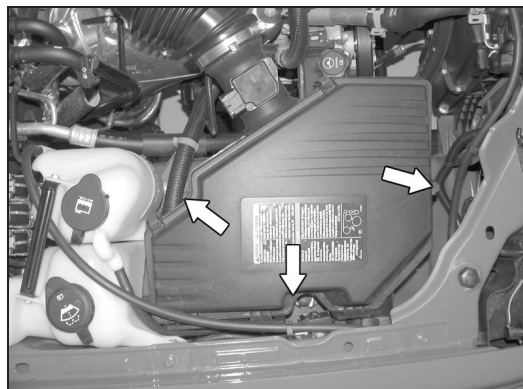
1. Turn off the ignition and disconnect the negative battery cable.
NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after 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. Depress the locking clip on the mass air sensor electrical connection and unclip the mass air sensor electrical connection.



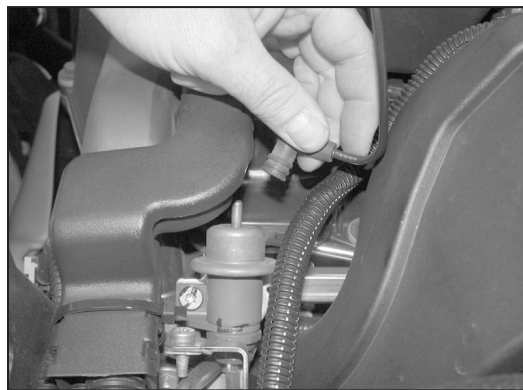
3. Loosen the hose clamp that retains the stock intake tube to the resonator, then remove the tube from the resonator as shown.



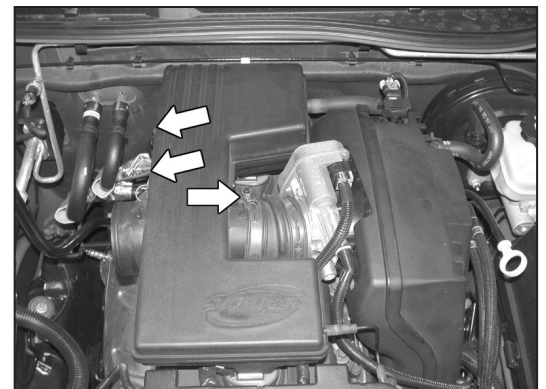
4. Loosen the two air box retaining bolts and one retaining nut.



5. Lift up the air box and remove it from the vehicle.



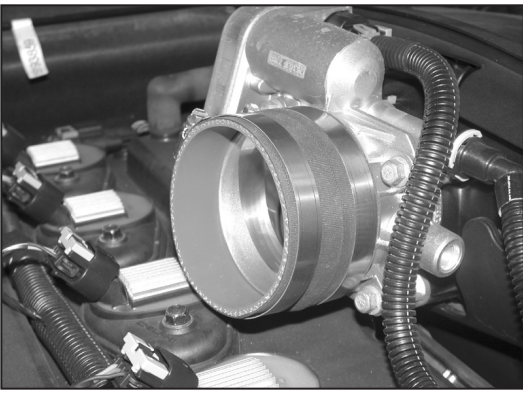
6. On vehicles equipped with a fuel pressure regulator vent hose, disconnect the fuel pressure regulator vacuum hose from the fuel pressure regulator as shown.



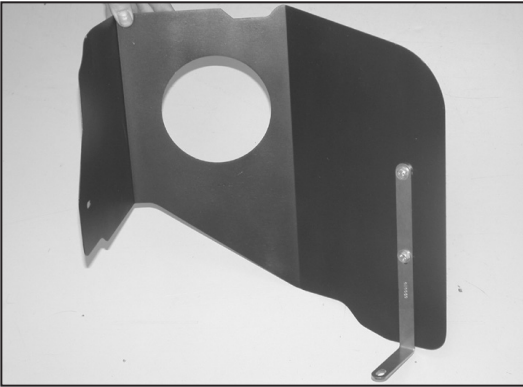
7. Loosen the two bolts that retain the intake resonator to the engine, then loosen the hose clamp at the throttle body.



8. Remove the intake resonator from the engine as shown.
NOTE: Disconnect the crank case vent hose from the valve cover while removing the resonator from the engine.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



9. Install the silicone hose (08690) onto the throttle body and secure with the provided hose clamp as shown.



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

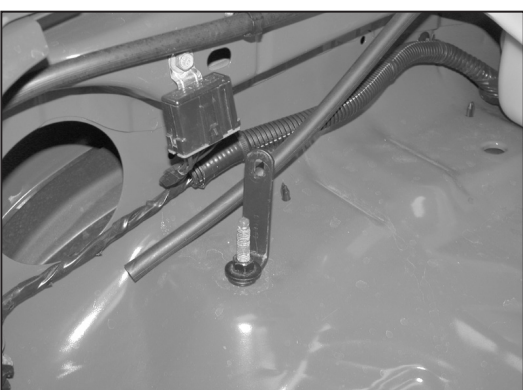


11. Install the edge trim onto the heat shield as shown.

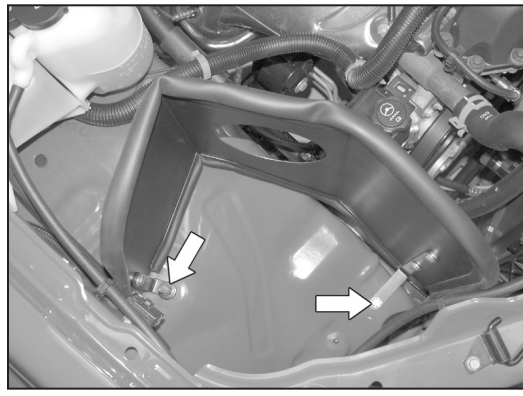
NOTE: Attach the 26" edge trim at the heat shield mounting bracket on the bottom of the heat shield and apply along the heat shield edge. Some trimming may be necessary.



12. Install the edge trim onto the inner hole of the heat shield as shown. Trim if needed.

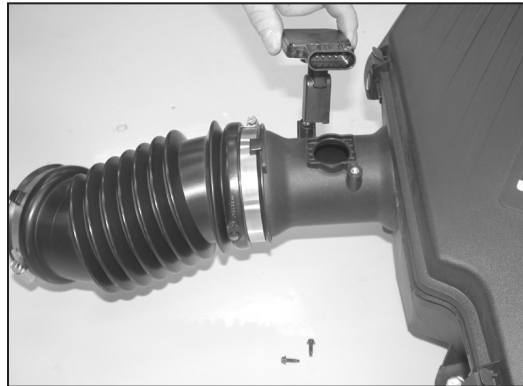


13. Install the "L" bracket (070602) onto the stock air box-mounting stud using the factory air box retaining nut.

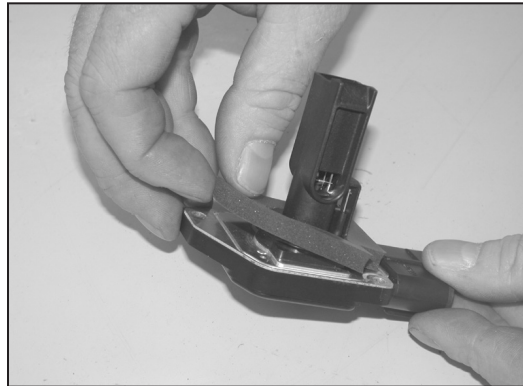


14. Install the heat shield into the vehicle using the provided hardware and the factory air box retaining nut.

NOTE: The front heat shield bracket will be secured to the front air box retaining bolt location.



15. Remove the mass air sensor from the stock air box as shown.



16. Apply provided gasket to mass air sensor as shown.



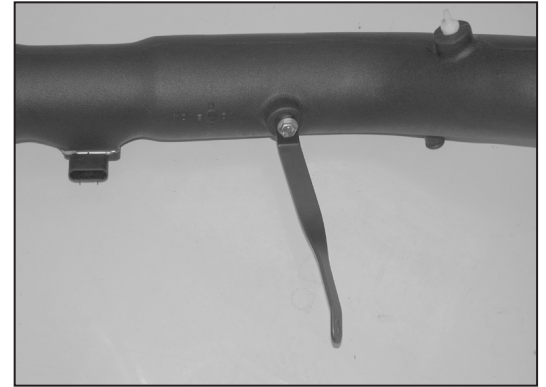
17. Install the mass air sensor assembly into the K&N® intake tube using the provided spacers and the provided button head allen bolts.



18. On vehicles equipped with a fuel pressure regulator vent hose, install the provided 1/4" npt vacuum 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.



18a. On vehicles not equipped with a fuel pressure regulator vent hose, install the provided npt plug into the K&N® intake tube as shown.



19. Install the mounting bracket onto the K&N® intake tube with the provided hardware as shown.
NOTE: Do not completely tighten at this time.



20. Install the K&N® intake tube into the silicone hose attached to the throttle body. Guide the intake tube through the heat shield and secure the hose clamps.



21. Install the tube mounting bracket onto the 6mm threaded stud protruding from the engine; secure with the provided washer and nut.



22. On vehicles equipped with a fuel pressure regulator vent hose, install the provided 4mm vacuum hose onto the fuel pressure regulator and then onto the 1/4" npt vacuum fitting on the K&N® intake tube.



23. Install the provided crank case vent hose onto the valve cover, then onto the K&N® intake tube as shown.



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



25. Install the silicone hose (08630) onto the air filter assembly as shown.



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

NOTE: Drycharger® air filter wrap; part # RF-1048DK is available to purchase separately.



27. 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. 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.

30. **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.

31. 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.