



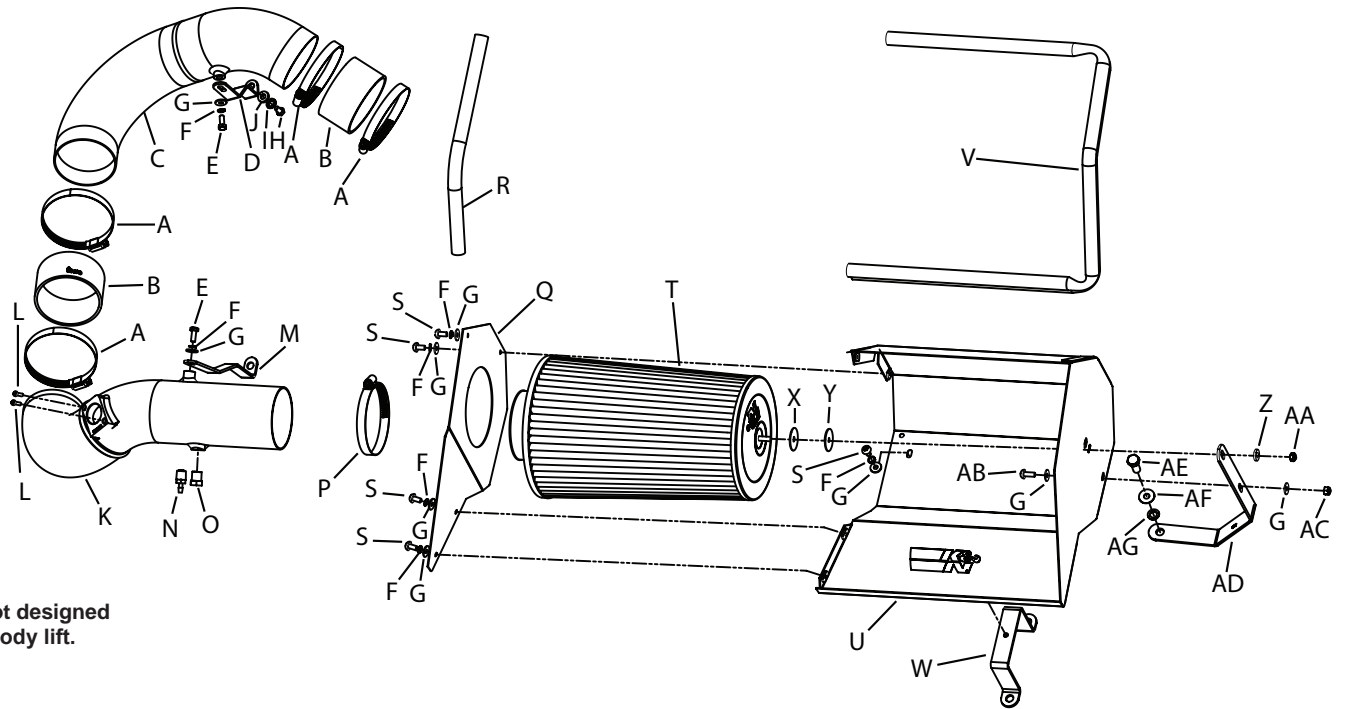
## INSTALLATION INSTRUCTIONS

### 77-3063KTK CHEVROLET / GMC 2004-05 Kodiak / Topkick CK4500 / CK5500 V8-6.6L Turbo Diesel

#### TOOLS NEEDED:

Extension  
17mm Socket  
15mm Socket  
13mm Socket  
12mm Socket  
7mm Socket  
Flat Blade Screwdriver  
9/16" Wrench  
7/16" Wrench  
10mm Wrench  
4mm Allen Wrench

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



#### PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp #56	4	08620	L Bolt; M4 - 0.07 8mm, A/H Cap, SS	2	07733	W Bracket; "C", Stl, FB/PC	1	26644
B Hose; 3.5"ID X 2", Black Silicone	2	08698	M Bracket; "L", Stl, FB/PC	1	26650	X Washer; 1.25 X .30 X .10	1	21708
C Intake Tube	1	27434	N Vent; Strt, 3/16 Barbed 1/4"NPT	1	080021	Y Washer; 1.25D X .28 Hol. ZN	1	08151
D Bracket; "Z", Stl, FB/PC	1	26645	O Plug; 1/4 NPT, Plastic, Black	1	08032	Z Washer; 1/4"ID X 5/8"OD	1	08275
E Bolt; 6mm-1.00 X 16mm, SS	2	07812	P Hose Clamp #60	1	08624	AA Nut; 1/4-20, Nylock, Zinc	1	07517
F Washer; 1/4" Lock, ZN	7	08198	Q Heat Shield	1	07642	AB Bolt; M6 X 1.00 X 16mm, B/H	1	07730
G Washer; 6mm Flat, SS	9	08269	R Edge Trim	1	102475	AC Nut; 6mm Nylock, Hexhead	1	07553
H Bolt; 8mm-1.25 X 16mm, Hexhead	1	07844	S Bolt; M6 X 1.00" 12mm B/H, SS	5	07794	AD Bracket; "L", Stl, FB/PC	1	26643
I Washer; 8mm Spring (Wave)	1	08239	T Air Filter	1	RC-5165	AE Bolt; M10-1.5 X 25mm Hexhead	1	07702
J Washer; 5/16"ID X 5/8"OD, Flat	1	08276	U Heat Shield	1	07643	AF Washer; 10mm Wave	1	08175
K Intake Tube	1	27435	V Edge Trim	1	102486	AG Washer; Flat Washer, SS	1	08134

**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.

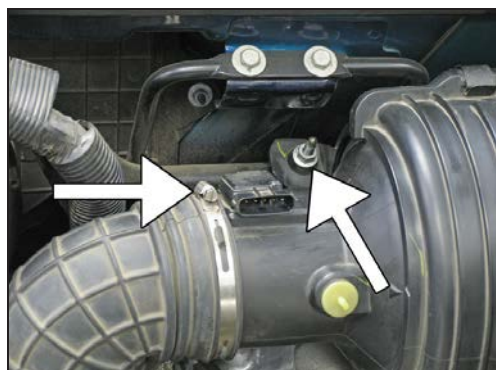
**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied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



3. On vehicles equipped with a filter minder, disconnect the filter minder vacuum hose from the stock filter housing.



4. Loosen the hose clamp that secures the stock intake tube to the filter housing and then remove the nut that secures the filter housing to the support bracket.



5. Remove the bolt that secures the filter housing to the support brace shown.



6. Remove the filter housing from the vehicle.



7. Loosen the hose clamp that secures the stock intake tube to the turbo inlet tube. Then remove the complete intake tube assembly from the vehicle as shown.

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



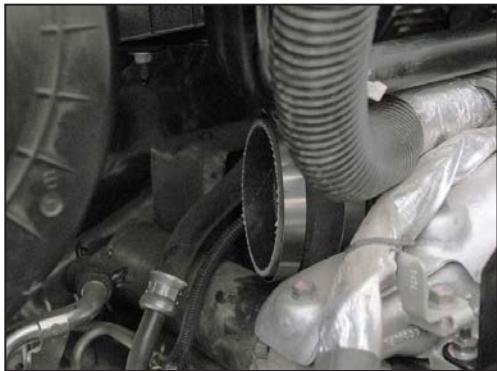
8. Remove the two screws that secure the mass air sensor to the stock filter housing and then remove the mass air sensor as shown.



9. Install the mass air sensor into the secondary K&N® intake tube and secure with the provided hardware.



10. On vehicles equipped with a filter minder, install the 1/4" npt vacuum fitting into the K&N® intake tube. On vehicles without a filter minder, install the 1/4" npt plug into the K&N® intake tube.



11. Install the provided silicone hose onto the turbo inlet tube and secure with the provided hose clamp.



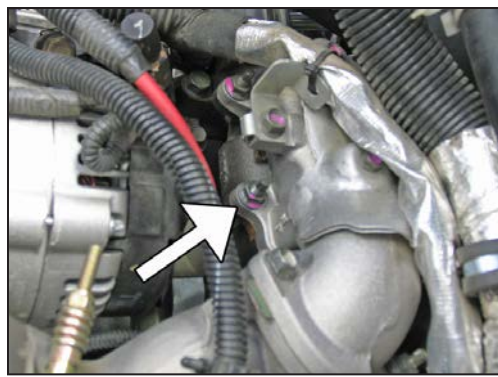
12. Install the primary tube mounting bracket (26645) onto the engine valve cover as shown with the provided hardware.



13. Install the primary K&N® intake tube (27434) into the silicone hose at the throttle body and align with the mounting bracket installed in step #12. Secure the primary intake tube with the hose clamp and hardware provided.



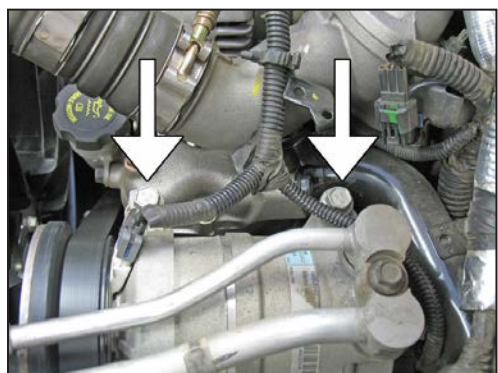
14. Install the silicone hose (08698) onto the primary intake tube and secure with the provided hose clamp.



15. Remove the nut from the turbo intercooler inlet manifold mounting stud shown.  
**NOTE: This nut will be reused.**



16. Install the secondary tube mounting bracket (26650) onto the intercooler manifold mounting stud and secure with the nut removed in step #15.



17. Remove the two A/C compressor pump mounting bolts mounting bolts shown.  
**NOTE: These bolts will be reused in the next step.**



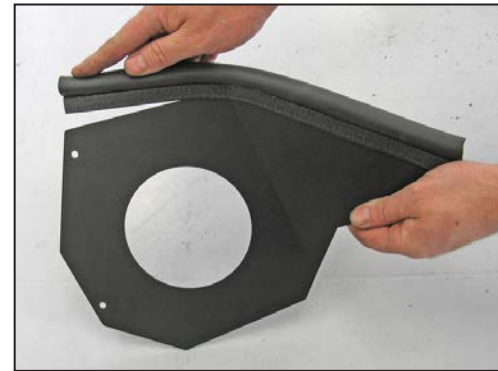
18. Install the heat shield mounting bracket (26644) onto the A/C compressor and secure with the bolts removed in step #17.



19. Install the heat shield mounting bracket onto the heat shield and secure with the provided hardware as shown.  
**NOTE: The mounting bolt should be installed through the heat shield from the inside and then through the mounting bracket.**



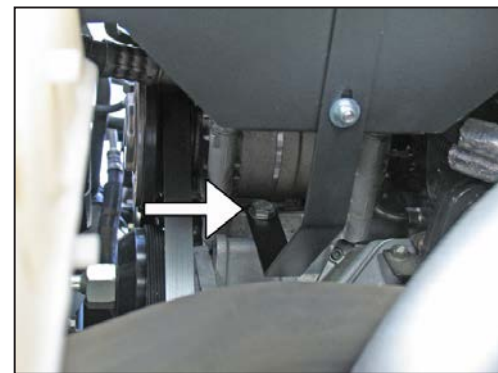
20. Install the long edge trim onto the heat shield as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



21. Install the short edge trim onto the heat shield side panel as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



22. Install the heat shield onto the mounting bracket on the A/C compressor and secure with the provided hardware.



23. Secure the heat shield side bracket to the forward threaded hole next to the A/C compressor as shown with the provided hardware.



24. Install the supplied rubber washer and fender washer onto the stud protruding from the filter lid as shown.



25. Install the K&N® air filter into the heat shield so the mounting stud protrudes through the heat shield and the mounting bracket. Then secure the filter with the supplied hardware.



26. Install the heat shield side panel onto the main heat shield and secure with the provided hardware.



27. Install the secondary K&N® intake tube (27435) into the silicone hose at the primary tube, into the K&N® air filter and align with the tube mounting bracket installed in step #16. Secure the K&N® intake tube with the hose clamps and hardware provided.



28. On vehicles equipped with a filter minder, connect the filter minder hose to the vacuum fitting installed in the K&N® intake tube in step #10.



29. Reconnect the mass air sensor electrical connection.



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

31. 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.

32. 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.