



FUEL INJECTION PERFORMANCE KIT

FIPK² GENERATION II™

INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

INSTALLATION INSTRUCTIONS

57-1526

JEEP

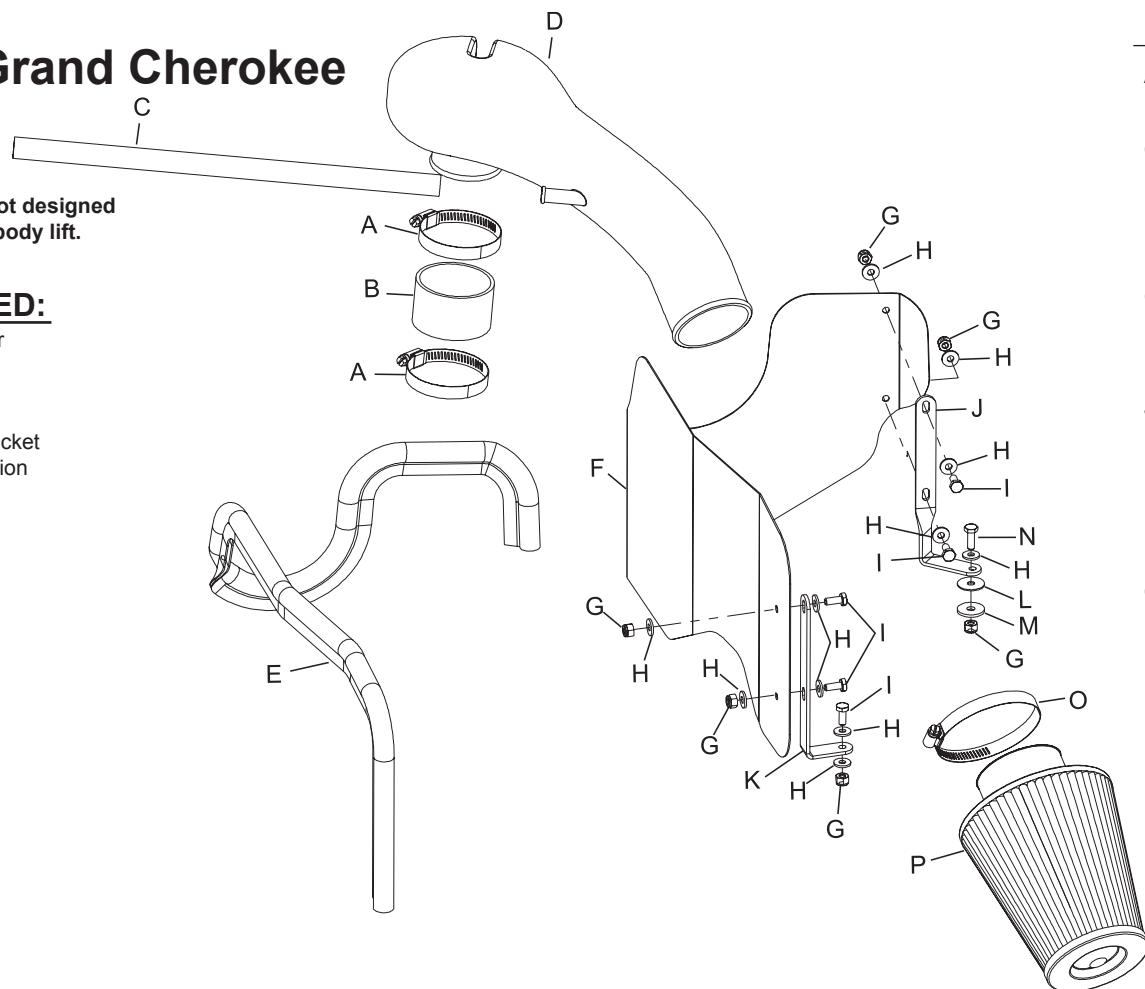
1999-04 Grand Cherokee

L6-4.0L

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

TOOLS NEEDED:

Flat Blade Screwdriver
7/16" Wrench
5/8" Wrench
10mm Socket
13mm Socket/7/16" Socket
Ratchet w/long extension



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.



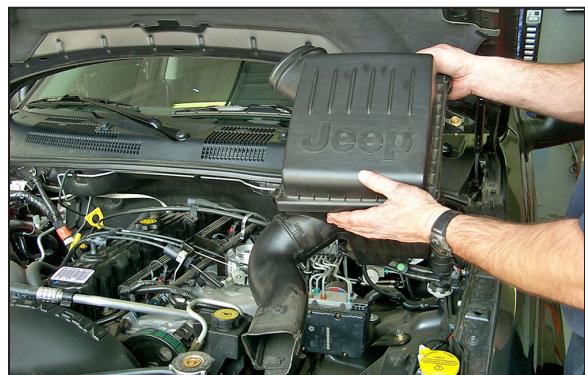
2. Disconnect the crank case vent hose as shown.



3. Loosen the bolt on the resonator as shown.



4. Loosen the hose clamp at the air cleaner lid and at the throttle body, then, remove the resonator and bellows assembly as shown.



5. Remove the three nuts that secure the air cleaner assembly from underneath the vehicle, then, remove the air cleaner assembly as shown.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



6. Install the provided trim seal onto the heat shield as shown. Trim if needed.

PARTS LIST:

Description	Qty.	Part #
A Hose clamp #40	2	08554
B Hose; 2.63x1.75" Blk. silicone	1	08108
C Hose; 1/2"idx15.75" Blk. silicone	1	08414
D Intake tube (CE)	1	087054
E Edge trim 48"	1	102485
F Heat shield	1	07475
G Nut 1/4-20 nylock zinc	6	07517
H Washer, 1/4"idx5/8"od flat	11	08275
I Bolt 1/4-20 x 5/8" hexhead	5	08315
J Bracket; L-bend twist	1	070912
K Bracket L-bend	1	070902
L Washer 1"x.300 x.100 rubber	1	21685
M Washer 1"dx1/4" hole fender	1	08160
N Bolt; 1/4-20x3/4" hexhead zinc	1	08386
O Hose clamp #48	1	08601
P Air Filter	1	RC-4700



7. Using the provided hardware install the two brackets onto the heat shield as shown.



8. Install the heat shield into the vehicle and secure the twist bracket to the original air cleaner mounting hole using the provided hardware.



9. Secure the "L" bracket to the hole on the flange/tab on the radiator core support using the provided hardware.



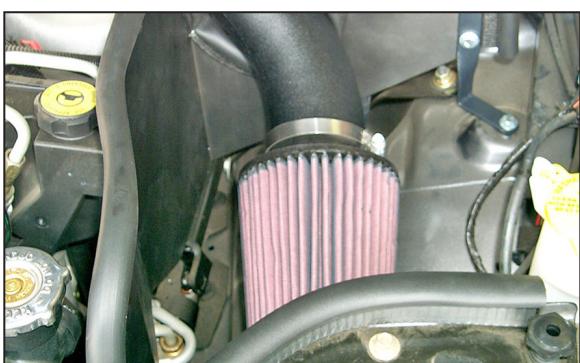
10. Install the provided silicone hose and hose clamps onto the throttle body as shown.



11. Install the K&N® intake tube into the silicone hose as shown, but do not tighten completely as some adjustment may be necessary.



12. Connect the provided hose to the vent on the valve cover, then, connect the other end to the vent on the K&N® intake tube as shown.



13. Install the K&N® Air Filter onto the K&N® intake tube and secure with the provided hose clamp.

NOTE: Drycharger® air filter wrap; part # RC-4700DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>.



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

15. 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.

16. 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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