



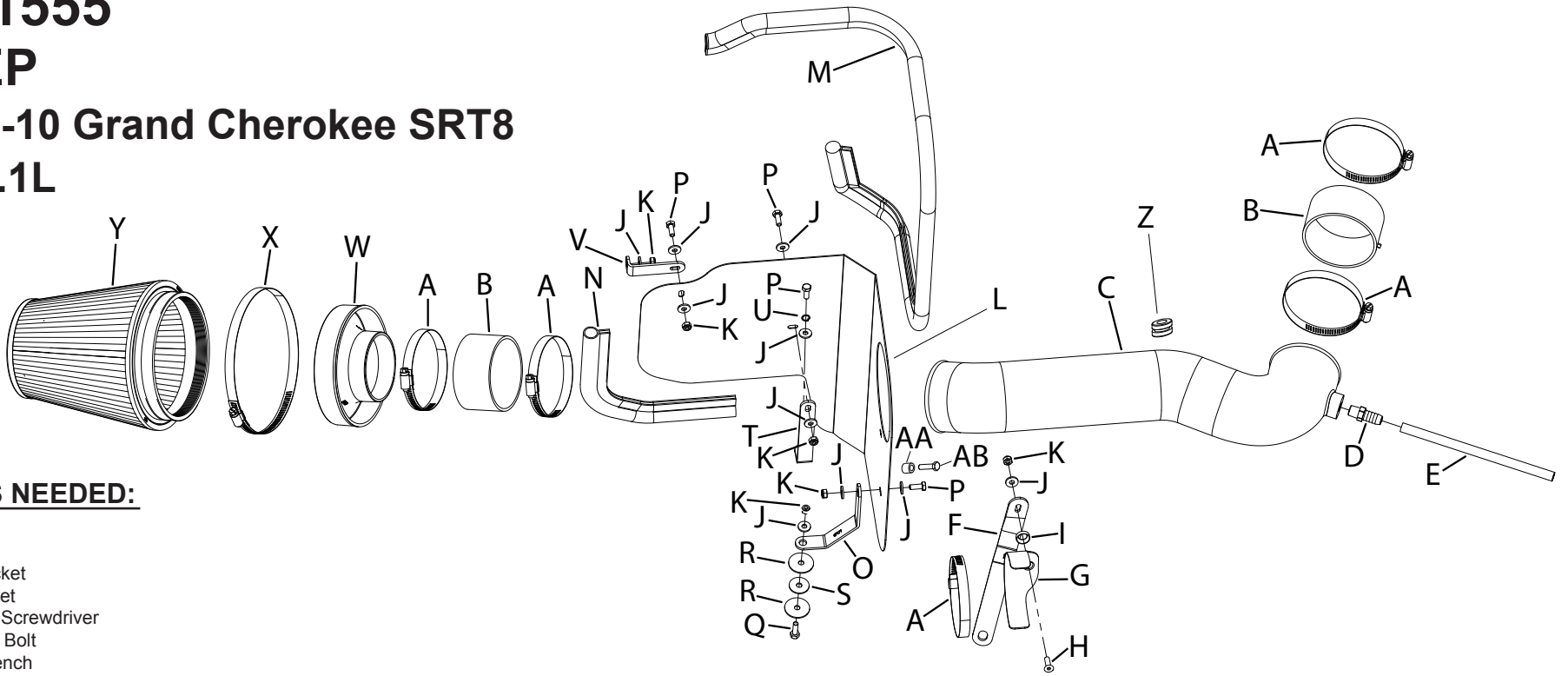
# INSTALLATION INSTRUCTIONS

57-1555

JEEP

2006-10 Grand Cherokee SRT8

V8-6.1L



**TOOLS NEEDED:**

- Ratchet
- Extension
- 10mm Socket
- 8mm Socket
- Flat Blade Screwdriver
- 4mm Allen Bolt
- 10mm Wrench

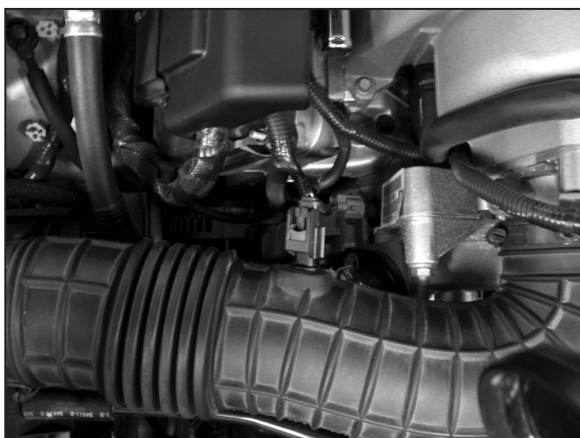
**PARTS LIST:**

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp #56	5	08620	K Nut; 6MM Nylock, Hex Head, SS	6	07512	U Washer; 1/4" Lock, ZN	1	08198
B Hose; 3.5"ID X 2"L, Silicone	2	08630	L Heat Shield	1	07671	V Bracket; SM."L", Mild STL. FB/PC	1	07158
C Intake Tube	1	087218	M Edge Trim (44")	1	102486	W Adaptor; 57-1530 #380	1	21512-1
D Vent; STRT 1/2" Hose, 1/4"NPT	1	080022	N Edge Trim (15")	1	102474	X Hose Clamp #104	1	08697
E Hose; 1/2"ID X 14"L, Silicone	1	08402	O Bracket; MED "U", Mild STL, FB/PC	1	07171	Y Air Filter	1	RF-1042
F Bracket; "Z", STL, FB/PC	1	06494	P Bolt; 6MM-1.00 X 16MM, SS	4	07812	Z Grommet; 1"od, 1/2"id, 1/2"thk	1	08064
G Bracket; Saddle, S/S	1	078855	Q Bolt; M6 X 1.00" X 20MM Hex, SS	1	07795	AA Spacer; .625"ODX.375"IDX.625"L,ZN	1	07849
H Bolt; 6MM-1.00 X 20MM F/H/A, SS	1	08376	R Washer; 1.25D X .28 Hole	2	08151	AB Bolt, hex M6-1 X 35MM	1	1-2002
I Washer; Conical, Nylon, Black	1	08180	S Washer; 1" X .300 X .100 Rubber	1	21685			
J Washer; 1/4"ID X 5/8"OD - SAE	10	08275	T Bracket; LG "L", Mild STL. FB/PC	1	26626			

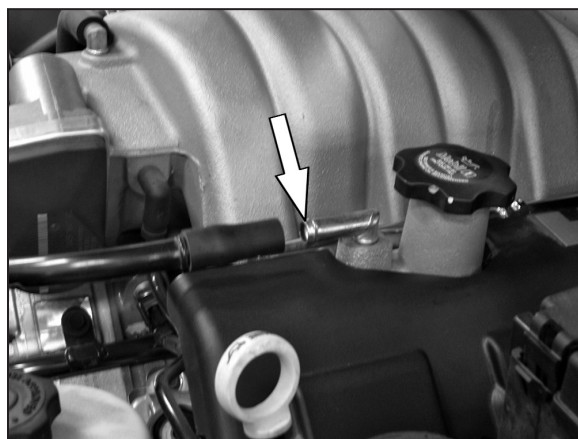
**NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.**

**TO START:**

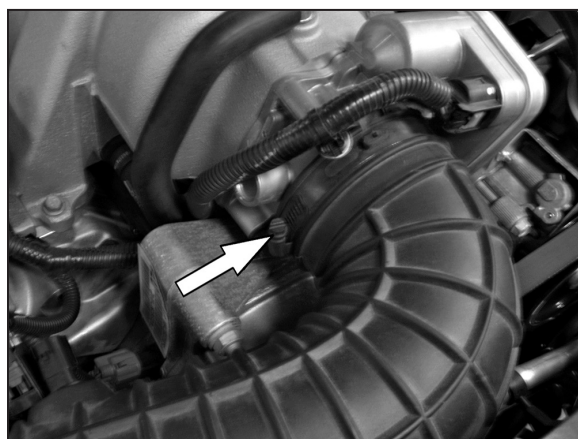
1. Turn off the ignition and disconnect the negative battery cable.  
**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after 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.**



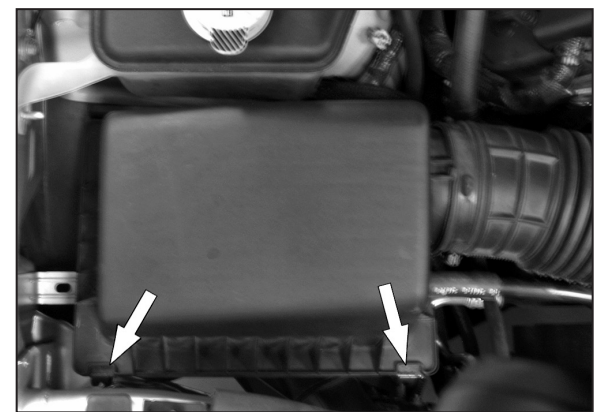
2. Release the red locking tab and disconnect the air temperature sensor electrical connection as shown.



3. Disconnect the crankcase vent from the valve cover as shown.



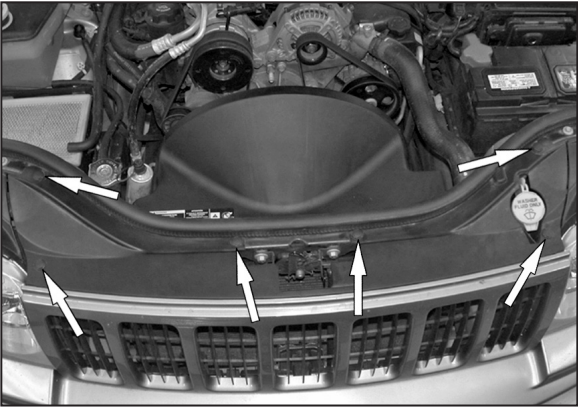
4. Loosen the hose clamp that secures the intake tube to the throttle body.



5. Release the two airbox clam shell clips as shown.



6. Remove the upper airbox housing and intake tube assembly as shown.



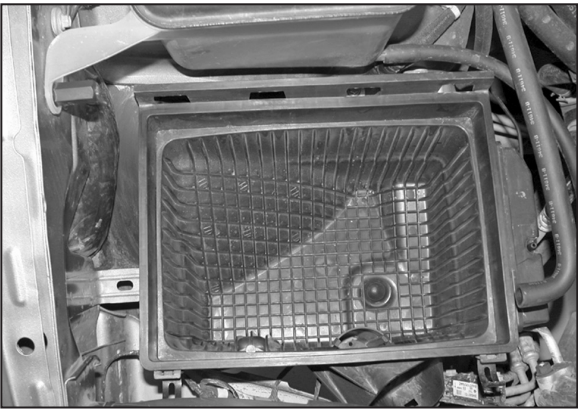
7. Using a small screw driver, release the center holding pins in the six grille retaining clips as shown.



8. Remove the six grill retaining clips from the grille. Then, tilt the grille forward and lift, removing it from the vehicle.



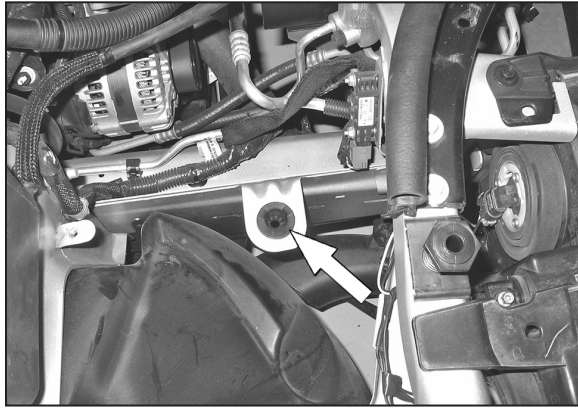
9. Pull the fresh air duct forward to disconnect it from the airbox, then remove it from the vehicle.



10. Remove the airbox mounting bolt as shown.



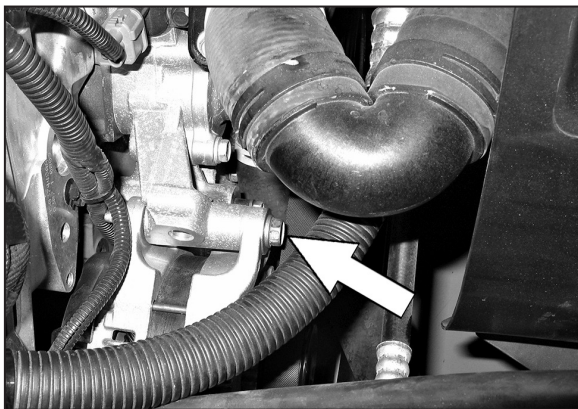
11. Lift the lower airbox, removing it from the vehicle as shown.  
**NOTE: K&N, Engineering, Inc., recommends that customers do not discard factory air intake**



12. Remove the stock airbox mounting grommet as shown.



13. Install the saddle clamp onto the tube mounting bracket (#06494) with the provided hardware as shown.



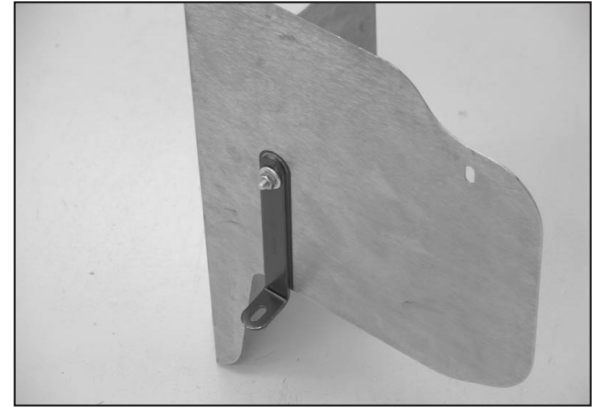
14. Remove the upper alternator mounting bolt as shown.  
**NOTE: This bolt will be re-used in the next step.**



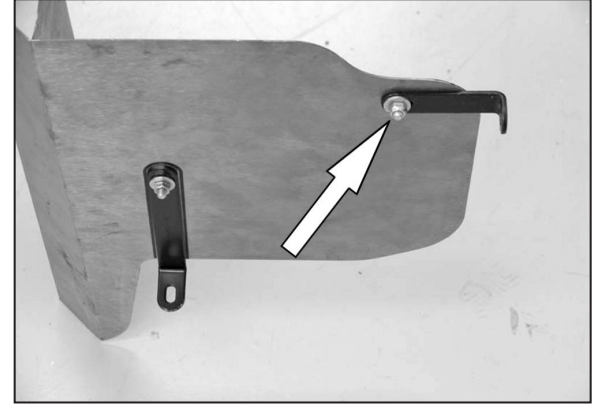
15. Install the tube mounting bracket assembly onto the upper alternator mount using the bolt removed in the previous step.



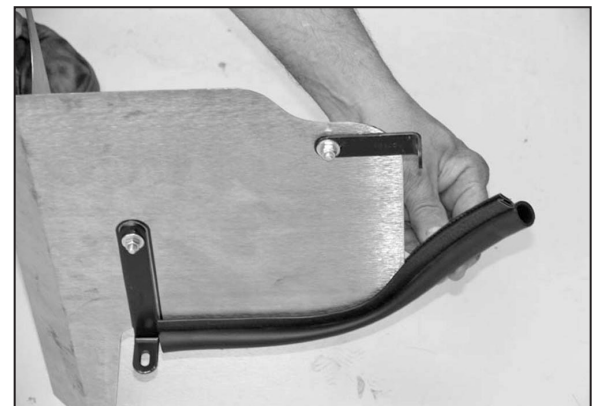
16. Install the provided "C" bracket (#07171) onto the heat shield with the provided hardware as shown.  
**NOTE: Due to manufacturing tolerances it may be necessary to use the provided spacer and longer bolt to attach the mounting bracket to the heat shield. This will enable the mounting bracket to align with the longer airbox mounting tap on some vehicles.**



17. Install the large "L" bracket (#26626) onto the heat shield with the provided hardware as shown.



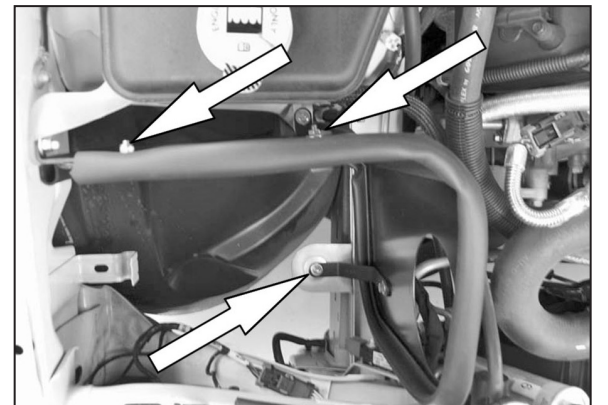
18. Install the small "L" bracket (#07158) onto the heat shield with the provided hardware as shown.



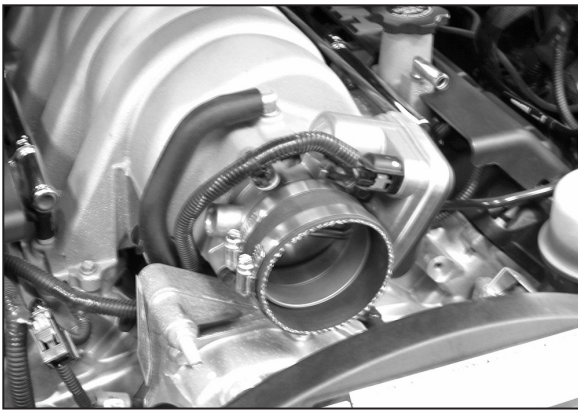
19. Install the short edge trim onto the heat shield assembly as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



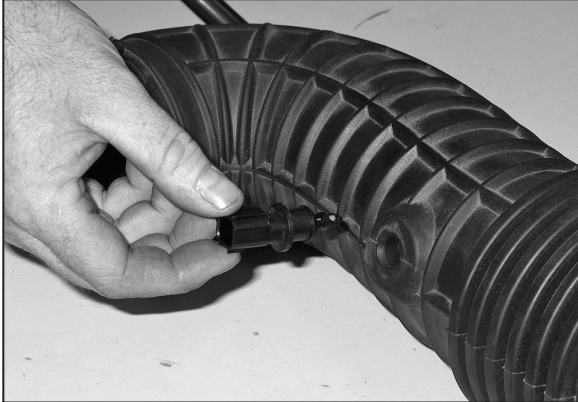
20. Install the long edge trim onto the heat shield assembly as shown.  
**NOTE: Some trimming of the edge trim may be necessary.**



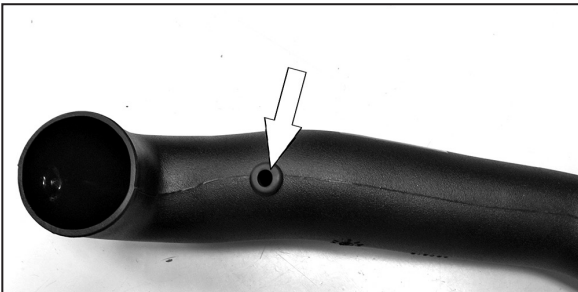
21. Install the heat shield assembly into the vehicle. Secure to the lower and upper airbox mounts and washer bottle stud with the provided hardware.



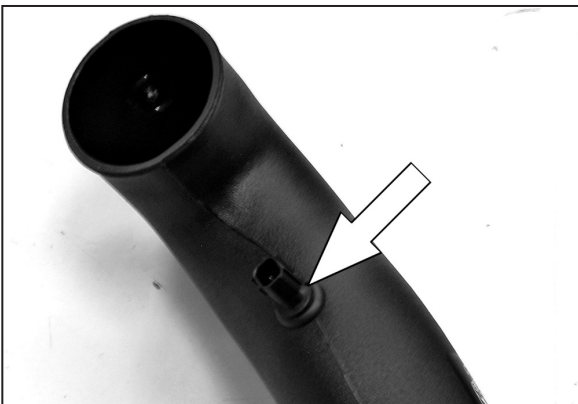
22. Install silicone hose (#08630) onto the throttle body and secure with the provided hose clamp.



23. Remove the air temperature sensor from the stock intake tube as shown.



24. Install the provided grommet into the K&N® intake tube as shown.



25. Install the air temperature sensor into the grommet installed into the K&N® intake tube in the previous step.

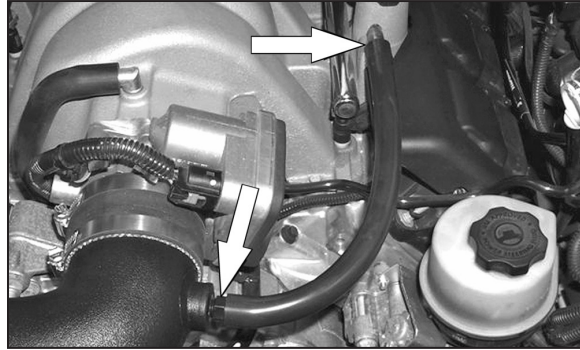


26. Install the 1/4" NPT fitting into the K&N® intake tube as shown.

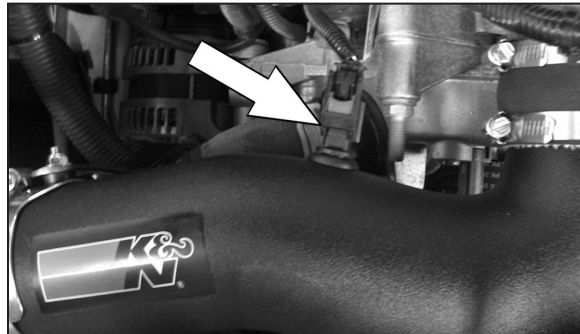
**NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.**



27. Install the K&N® intake tube into the silicone hose on the throttle body and align with the saddle clamp. Then, secure the intake tube with the provided hose clamps.



28. Install the provided crankcase vent hose onto the valve cover fitting. Then, connect the open end to the 1/4" NPT fitting installed into the K&N® intake tube.

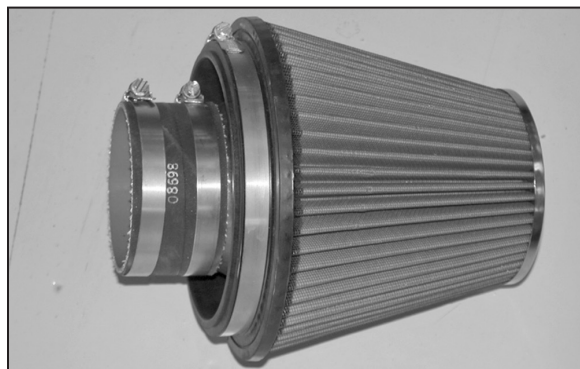


29. Re-connect the air temperature sensor electrical connection.

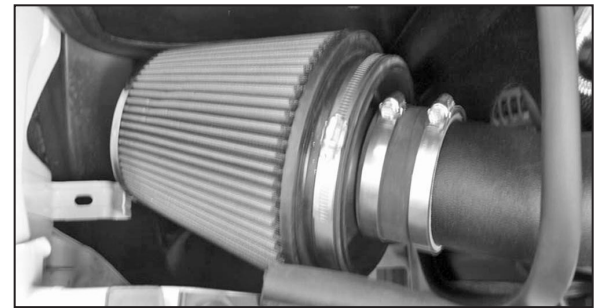


30. Install the air filter adapter into the K&N® air filter and secure with the provided hose clamp as shown.

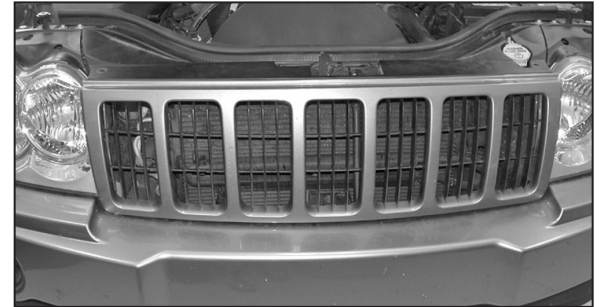
**NOTE: Drycharger® air filter wrap; part # RF-1042DK is available to purchase separately.**



31. Install silicone hose (#08630) onto the K&N® air filter assembly and secure with the provided hose clamp.



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



33. Re-install the grille assembly and secure with the factory retaining clips.



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

35. 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.

36. 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.