



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

INSTALLATION INSTRUCTIONS

71-1533

DODGE

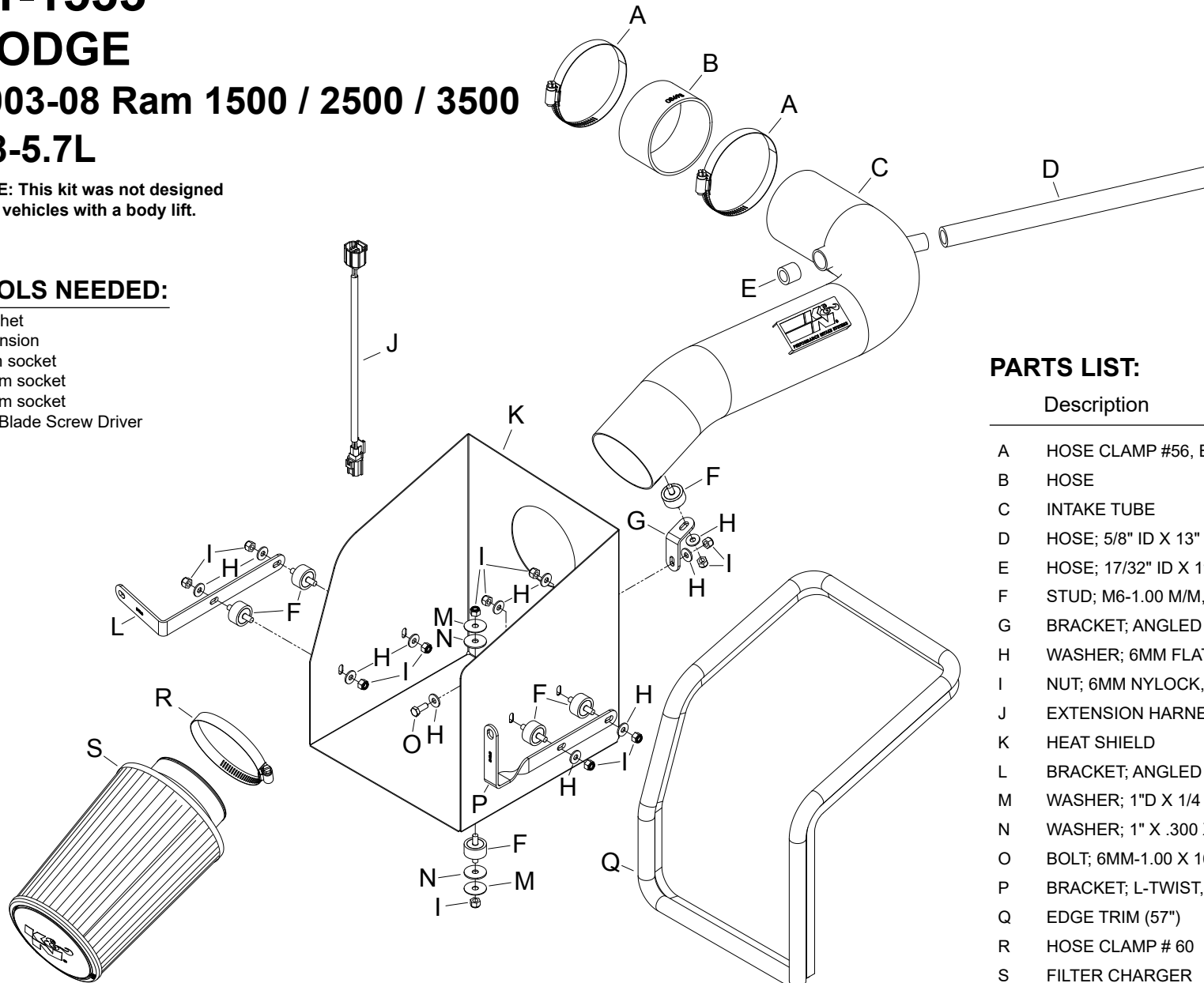
2003-08 Ram 1500 / 2500 / 3500

V8-5.7L

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

TOOLS NEEDED:

Ratchet
Extension
8mm socket
10mm socket
13mm socket
Flat Blade Screw Driver



PARTS LIST:

Description	Qty.	Part #
A HOSE CLAMP #56, BLACK ZINC	2	08620K
B HOSE	1	08698
C INTAKE TUBE	1	27643TK
D HOSE; 5/8" ID X 13" L	1	08602
E HOSE; 17/32" ID X 11/16" L	1	084054
F STUD; M6-1.00 M/M, RUB	6	07027
G BRACKET; ANGLED SMALL	1	070049
H WASHER; 6MM FLAT, SS	11	08269
I NUT; 6MM NYLOCK, HEXHEAD	12	07512
J EXTENSION HARNESS; IAT	1	21680
K HEAT SHIELD	1	07487
L BRACKET; ANGLED LARGE	1	070050
M WASHER; 1"D X 1/4 HOLE	2	08160
N WASHER; 1" X .300 X .100 RUB	2	21685
O BOLT; 6MM-1.00 X 16MM, SS	1	07812
P BRACKET; L-TWIST, STL, TB/PC	1	070048
Q EDGE TRIM (57")	1	102470
R HOSE CLAMP # 60	1	08624K
S FILTER CHARGER	1	RU-3105HPK

If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

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. Loosen the hose clamp securing the factory intake tube to the intake plenum.



3. Disconnect the crank case vent hose from the air filter housing.



4. Lift up and remove the air filter housing and intake tube from the vehicle.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



5. Disconnect the inlet air temperature sensor and loosen the bolt securing the intake plenum.



6. Loosen the remaining bolt securing the intake plenum.



7. Remove the intake plenum and throttle body seal from the vehicle.



8. Release the spring clamp and then disconnect the crank case vent hose from the breather port.



9. Remove the front 6 bolts securing the inner fender and lower the inner fender to gain access to the air filter mounting bracket.



10. Remove the four bolts that secure the air filter mounting bracket and then remove the bracket from the vehicle.



11. Reinstall the inner fender and secure with the original hardware.



12. Remove the bolt show which secures the ECU harness bracket to the inner fender.



13. Install the two of the rubber mounted studs onto the provided bracket (070050) and secure with the provided hardware.



14. Install the bracket assembly onto the inner fender and secure with the bolt removed in step #12.

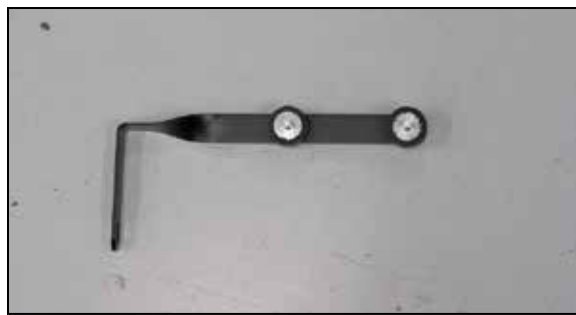


15. Install one of the provided rubber mounted studs onto the inner fender and secure with the provided hardware.



16. Install the provided edge trim onto the heat shield as shown.

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



17. Install two of the provided rubber mounted studs onto the provided bracket (070048) and secure with the provided hardware.



18. Install the bracket assembly onto the heat shield and secure with the provided hardware.



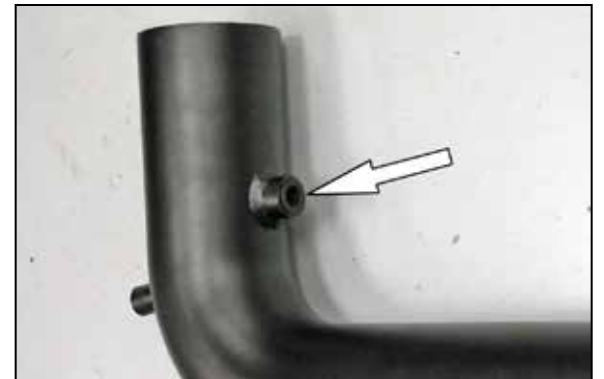
19. Install the heat shield assembly into the vehicle and secure to the bracket previously installed, to the inner fender and rubber mounted stud.



20. Install the final rubber mounted stud onto the intake tube as shown.



21. Install the tube mounting bracket (070049) onto the rubber mounted stud as shown.



22. Install the silicone hose into the inlet air temperature sensor mount as shown.



23. Remove the inlet temperature sensor from the intake plenum and then remove the O-ring from the sensor.



24. Install the inlet air temperature sensor into the silicone hose installed in step #21.



25. Install the provided coupling hose (08698) onto the throttle body and secure with the provided hose clamp.



26. Install the intake tube into the heat shield and coupling hose at the throttle body then secure the tube with the hose clamp and hardware,



27. Install the provided crank case vent hose onto the valve cover port and then connect the open end to the intake tube.



28. Connect the provided extension harness to the factory inlet air temperature sensor harness and then connect the open end to the sensor installed into the K&N® intake tube.



29. Install the air filter and secure with the provided hose clamp.



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., requires cleaning the Blackhawk Induction™ 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, purchase our Synthetic Filter Cleaner, part number 99-0624 and follow the easy instructions.

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