



AIRCHARGER®

HIGH-FLOW INTAKE KITS

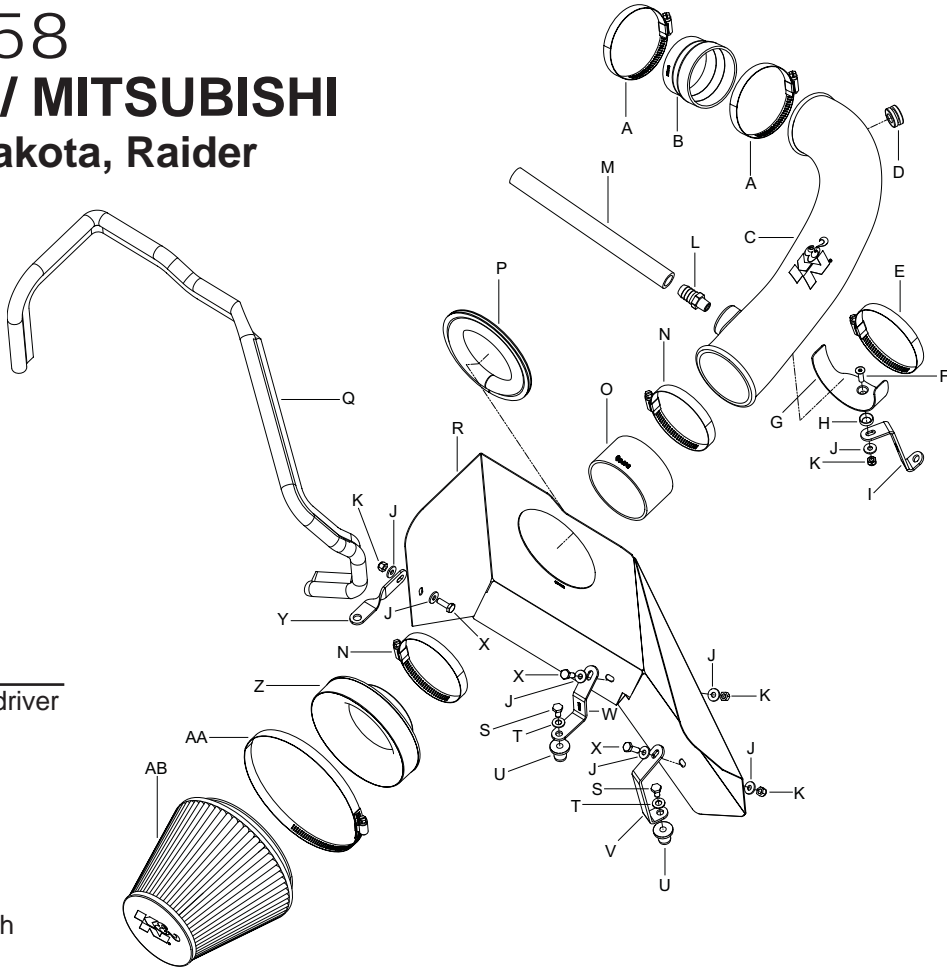
INSTALLATION INSTRUCTIONS

63-1558

DODGE / MITSUBISHI

2007-08 Dakota, Raider

V6-3.7L



TOOLS:

- Flat Blade Screwdriver
- Ratchet
- Extension
- 10mm Socket
- 13mm Socket
- 1/2" Socket
- 10mm Wrench
- 4mm Allen Wrench

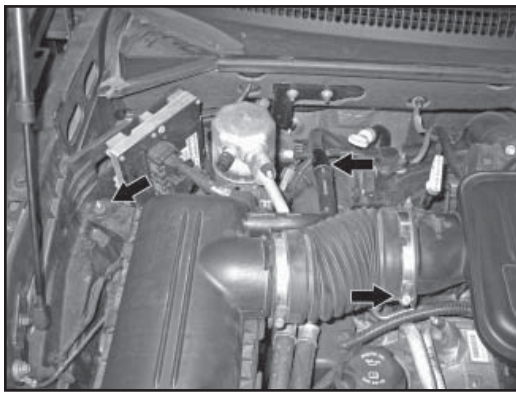
PARTS LIST:

Desc.	Qty.	Part #
A Hose Clamp #44	2	08560
B Hose; 2-3/4" TO 3" X 2"L, Silc, Blk.	1	084036
C Intake Tube	1	087227
D Grommet; 1"OD, 1/2"ID, 1/2"Thk.	1	08064
E Hose Clamp #52	1	08610
F Bolt; 6MM-1.00 X 20MM F/H/A, SS	1	08376
G Bracket; Saddle, S/S	1	078855
H Washer; Conical, Nylon, Blk.	1	08180
I Bracket; "Z", 57-1558, STL, FB/PC	1	070096
J Washer; 1/4"ID X 5/8"OD - SAE	7	08275
K Nut; 6MM Nylock, Hex., SS	4	07512
L Vent; Strt, 5/8 Barbed 1/4 Npt, Nylon	1	08911
M Hose; 5/8"ID X 9-3/4"L, Blk. Silic.	1	084047
N Hose Clamp #56	2	08620
O Hose; 3.5"ID X 2"L, Blk. Silic.	1	08698
P Edge Trim (17")	1	102469
Q Edge Trim (44")	1	102486
R Heat Shield	1	07662
S Bolt; 5/16"- 18 X 1"L, SS	2	07777
T Washer; 5/16"ID X 5/8"OD, FLAT	2	08276
U Insert; 5/16-18 X .600 OD X .730L Rub.	2	088002
V Bracket; Lg. "C" Mild Stl. FB/PC	1	010118
W Bracket; Mild Stl. FB/PC	1	010120
X Bolt; 6MM-1.00 X 16MM, SS	3	07812
Y Bracket; Short Twist, FIN	1	070702
Z Adaptor; #380	1	21512
AA Hose Clamp #104	1	08697
AB Air Filter	1	RF-1048

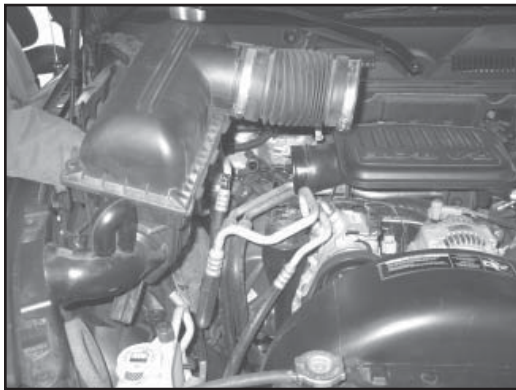
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

To Start:

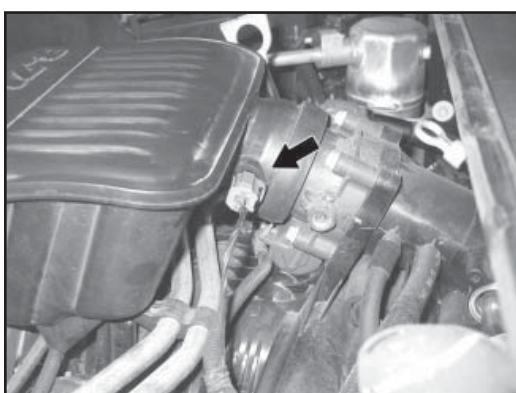
1. Turn off the ignition and disconnect the vehicles negative battery cable.



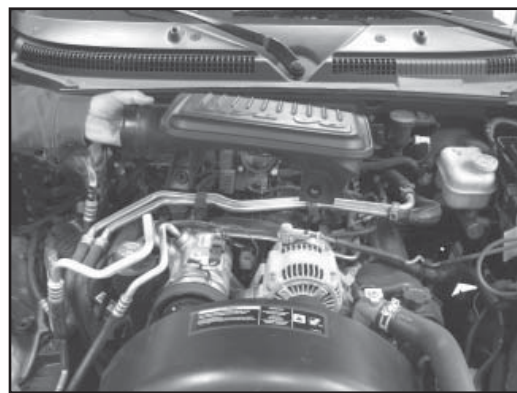
2. Loosen the hose clamp at the intake plenum and the air box mounting nut. Then disconnect the crank case vent from the inline fitting.



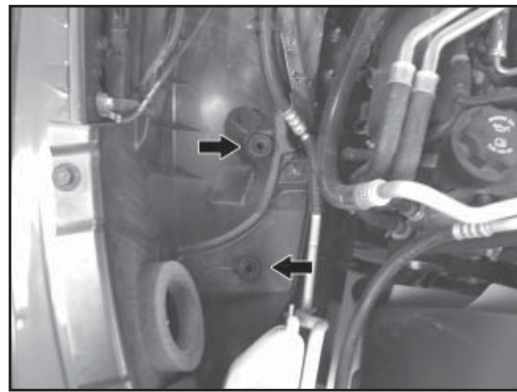
3. Disconnect the stock intake tube from the intake plenum. Lift to remove the air box assembly from the vehicle as shown.



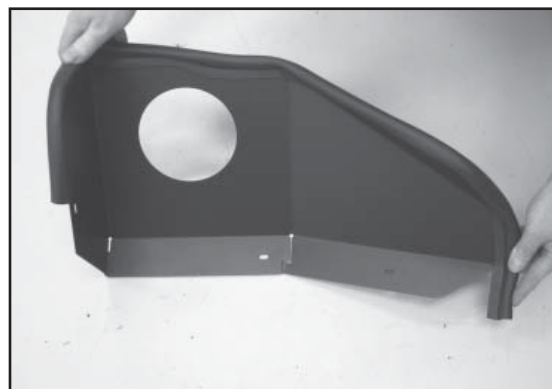
4. Depress the locking tab on the air temperature sensor electrical connection and disconnect the electrical connection.



5. Lift to dislodge the intake plenum from it's mounting grommets and remove the intake plenum from the vehicle as shown. **NOTE: K&N recommends that customers do not discard factory air intake.**



6. Pull the two air box mounting grommets shown from the inner fender.



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



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



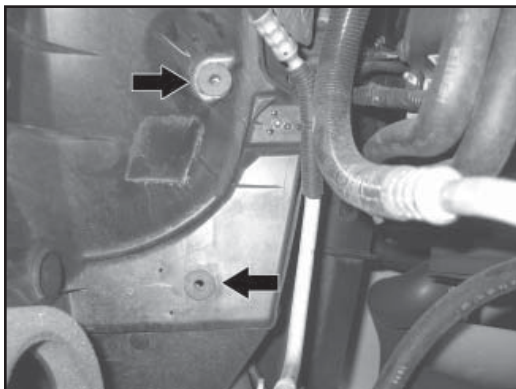
9. Install the twist bracket (070702) onto the heat shield with the provided hardware as shown.



10. Install the "Z" bracket (010120) onto the heat shield with the provided hardware as shown.



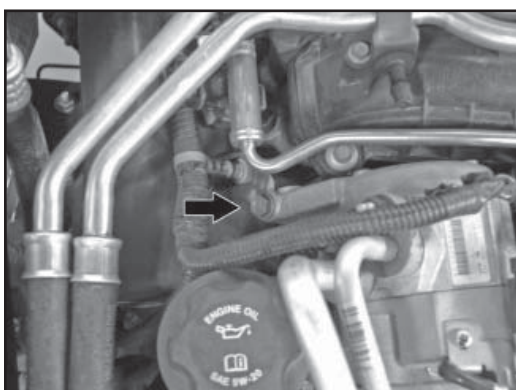
11. Install the "C" bracket (010118) onto the heat shield with the provided hardware as shown.



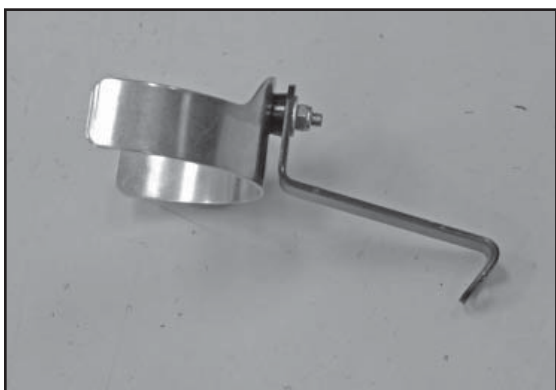
12. Install the two threaded inserts into the air box mounting grommets location as shown.



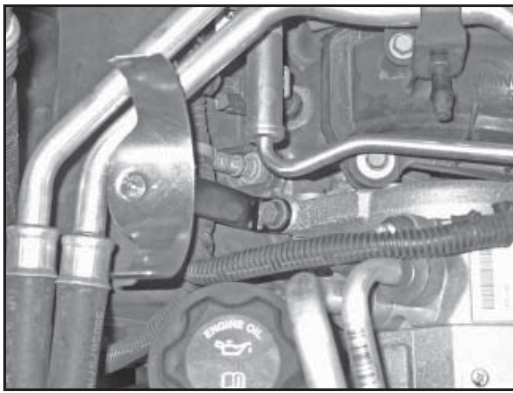
13. Install the heat shield assembly and secure with the provided hardware and the factory mounting nut. Be sure to remove the factory spacer on the air box mounting stud before installing the heat shield.



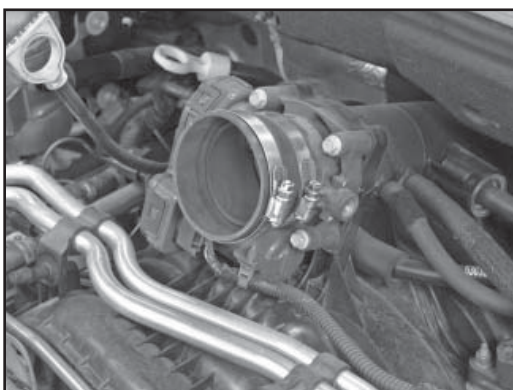
14. Remove the rear, lower A/C compressor mounting bolt shown.



15. Install the saddle clamp onto the tube mounting bracket as shown with the provided hardware.



16. Install the tube mounting bracket assembly onto the A/C compressor using the bolt removed in step #14 as shown. **NOTE: Due to vehicle manufacturing tolerances, check for proper clearance of the heater hoses at the tube mounting bracket assembly and adjust the heater hoses as necessary.**



17. Install the provided silicone hose (084036) onto the throttle body and secure with the provided hose clamps.



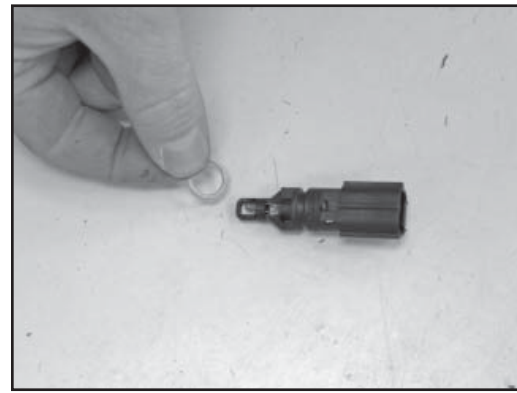
18. Install the provided 1/4" npt fitting into the K&N Intake Tube as shown.



19. Install the provided grommet into the K&N Intake Tube as shown.



20. Twist the air temperature sensor counter clockwise and remove it from the stock intake plenum. **NOTE: Take care, as the air temperature sensor is very fragile.**

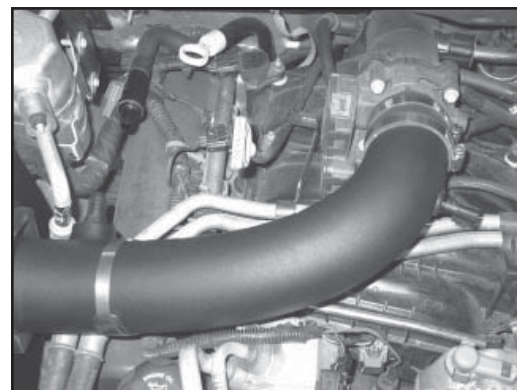


21. Remove the "O" ring from the air temperature sensor.

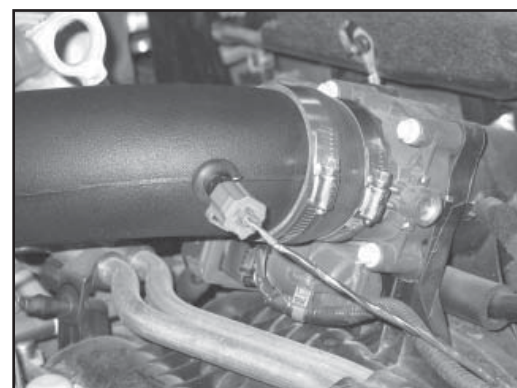


22. Install the air temperature sensor into the grommet installed into the K&N Intake Tube in step #19.

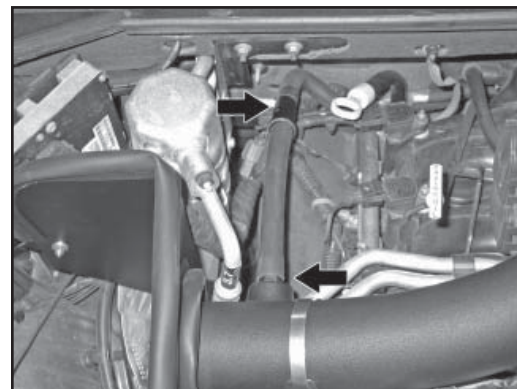
NOTE: Take care installing the air temperature sensor as it is very fragile.



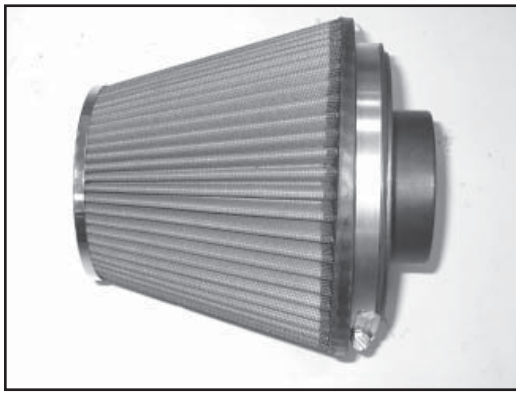
23. Install the K&N Intake Tube into the silicone hose on the throttle body and position so the tube aligns with the saddle clamp. Secure the tube with the provided hose clamps.



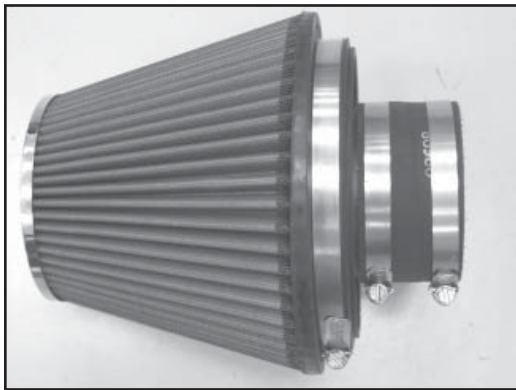
24. Reconnect the air temperature sensor electrical connection.



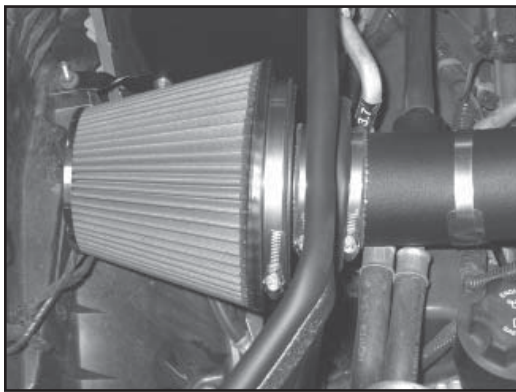
25. Install the provided silicone hose onto the 1/4 npt fitting installed in the K&N Intake Tube and then attach the open end onto the hose to the factory crank case tube.



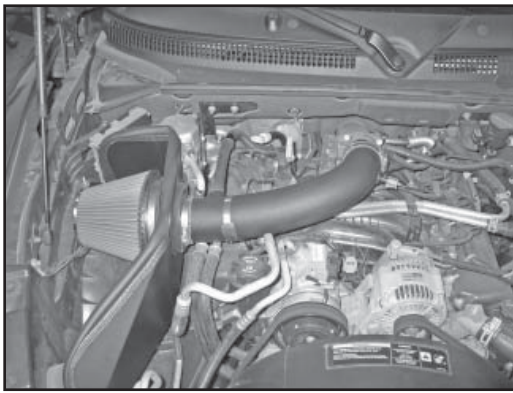
26. Install the provided filter adapter into the K&N Air Filter and secure with the provided hose clamp.



27. Install the silicone hose (08698) onto the air filter adapter as shown and secure with the provided hose clamp.



28. Install the air filter assembly onto the K&N Intake Tube and secure with the provided hose clamp.



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

30. It will be necessary for all K&N Intake Kits 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 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 99-5000 or 99-5050.