



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

57-1547

DODGE / MITSUBISHI

2005-06 Dakota

2006 Raider

V6 3.7L



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

TOOLS NEEDED:

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

PARTS LIST:

Description	Qty.	Part #
A hose clamp #52	2	08610
B hose; 3.25" id x 2" l, silicone	1	08690
C intake tube	1	087174
D grommet	1	08064
E hose; 5/8" od x 5" l	1	08538
F hose clamp #56	3	08620
G bolt; 6mm-1.00 x 16mm, f/h/a	1	08376
H saddle bracket	1	078855
I small "C" bracket	1	010119
J washer; 1/4" id x 5/8" od, flat	7	08275
K nut; 6mm nylock, hexhead	4	07553
L hose; 3.5" id x 2" l, silicone	1	08630
M heat shield	1	07662
N edge trim 44"	1	102486
O edge trim 17"	1	102469
P bracket twist	1	070702
Q bracket	1	010120
R large "C" bracket	1	010118
S bolt; m6-1.00 x 16mm hex hd	3	07703
T bolt; 5/16" x 1.0" l hexhead	2	07777
U washer; 5/16" id x 5/8" od, flat	2	08276
V insert; 5/16-18 x .600" od x .730" l	2	088002
W Washer; Conical, Nylon, Black	1	08180
X filter adapter #380	1	21512-1
Y hose clamp #104	1	08697
Z air filter	1	RF-1048

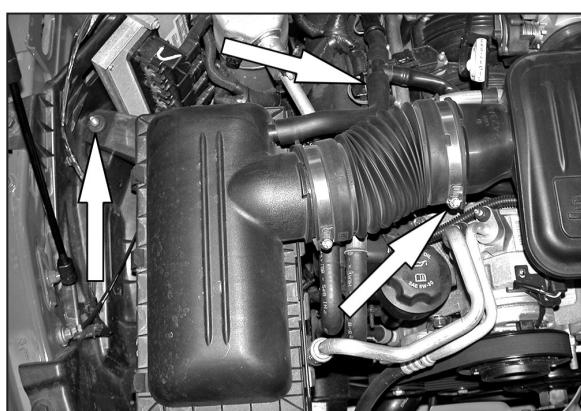
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

TO START:

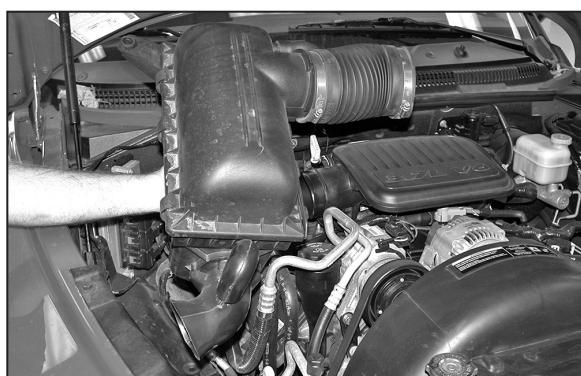
1. Turn off the ignition and disconnect the negative battery cable.

NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories.

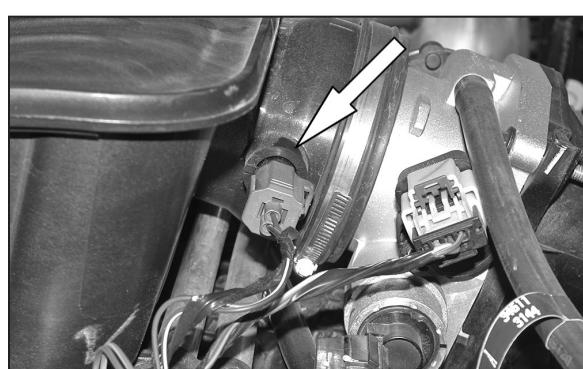
Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied with your owner's manual. In the event your vehicles' anti-theft code cannot be recovered, contact an authorized dealership to obtain your vehicles anti-theft code.



2. Loosen the hose clamp at the throttle body and the air box mounting nut, and then disconnect the crank case vent hose from the "tee" fitting.



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

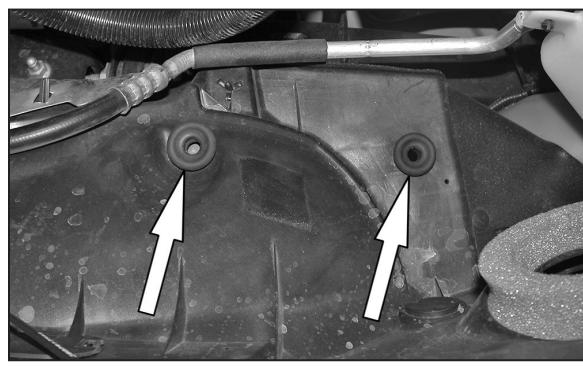


4. Depress the locking tab on the air temperature sensor electrical connection and then pull to disconnect the sensor electrical connection.

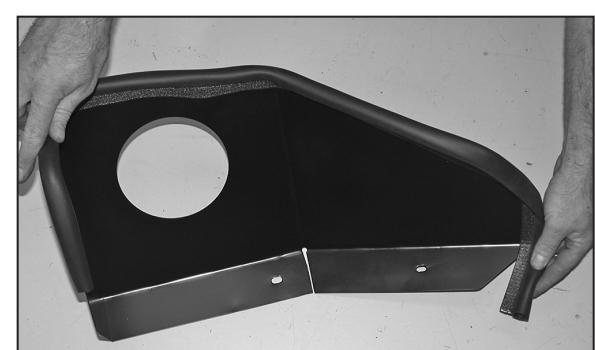


5. Lift to dislodge the intake plenum from its mounting grommets and remove the intake plenum from the vehicle as shown.

NOTE: K&N Engineering, Inc., 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 twist bracket (070702) onto the heat shield with the provided hardware as shown.



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

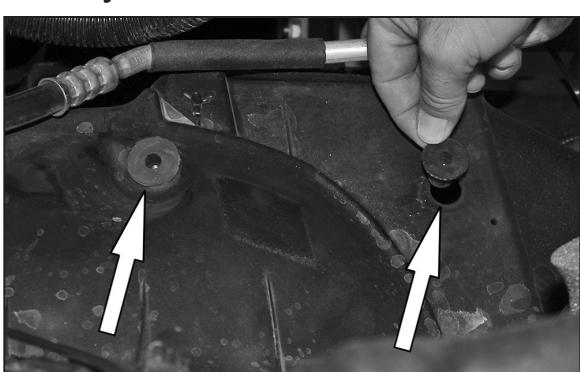


10. Install the "C" bracket (010118) onto the heat shield with the provided hardware as shown.



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

NOTE: Some trimming of the edge trim may be necessary

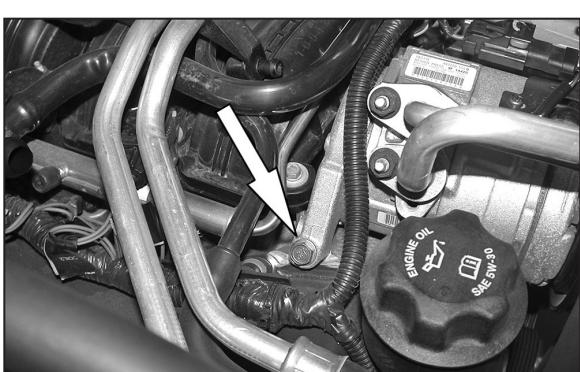


12. Install the two threaded inserts into the air box mounting grommet locations as shown.



13. Install the heat shield assembly and secure with the provided hardware and the factory air box mounting nut.

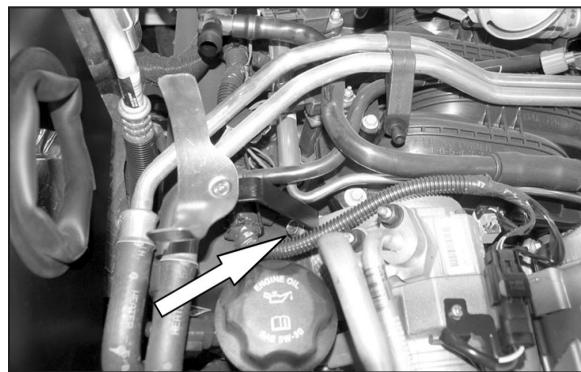
NOTE: Be sure to remove the factory spacer on the air box mounting stud before installing the heat shield.



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 tube mounting bracket assembly onto A/C compressor using the bolt removed in step #14 as shown.



17. Install the provided silicone hose (08690) onto the throttle body and secure with the provided hose clamp as shown.



18. 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.



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



20. Remove the O-ring from the air temp. sensor as shown.



21. Install the sensor into the grommet installed in step #18.

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



22. Install the K&N® intake tube onto the throttle body hose and position so the tube aligns with the saddle clamp. Secure with the provided hose clamps as shown.



23. Reconnect the air temperature sensor electrical connection as shown.



24. Install the provided silicone crank case vent hose onto the factory crank case vent tube and then onto the K&N® intake tube as shown.



25. Install the filter adapter into the Air filter as shown and secure with the provided hose clamp.



26. Install the silicone hose (08630) onto the Air filter adapter as shown and secure with the provided hose clamp as shown.



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



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

29. 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.

30. 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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