



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

# INSTALLATION INSTRUCTIONS

## 57-2525-2

### FORD

### 1999-04 F-Series Super Duty

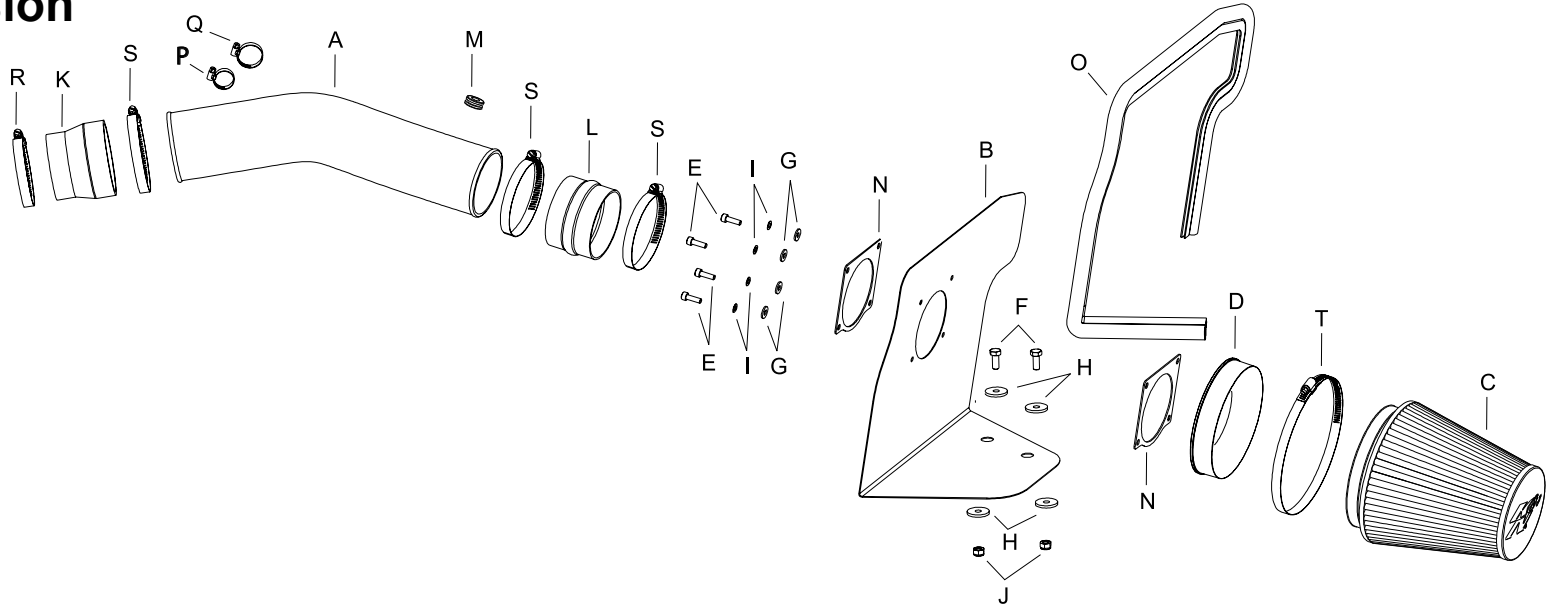
### 2000-04 Excursion

### V8-5.4L

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

#### TOOLS NEEDED:

- Flat Blade Screwdriver
- Ratchet
- 10mm Socket
- 13mm Socket
- 5mm Allen Wrench
- 13mm Wrench
- Drill
- 11/16" Drill Bit



#### PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Intake Tube	1	08771A	H Washer; 5/16 X 1.25"	4	08130	O Trim Seal 50"L	1	102481
B Heat Shield	1	07416A	I Washer; 6MM wave	4	08174	P Hose Clamp #8 mini	1	08410
C Air Filter	1	RU-1044	J Nylock Nut	2	07542	Q Hose Clamp #12 mini	1	08420
D Adapter	1	08785A	K Hose; 3.5" to 3"ID X 3"L	1	08724	R Hose Clamp #48	1	08601
E Bolt; M6-1.00 X 20MM	4	07852	L Hump Hose 3.5"ID X 2.5"L	1	08699	S Hose Clamp #56	3	08620
F Bolt; 8MM-1.25 X 20MM	2	07787	M Grommet; 7/16"ID	1	08092	T Hose Clamp #104	1	08697
G Washer; 1/4"ID X 5/8"OD	4	08275	N Gasket 1/16"	2	09984			

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

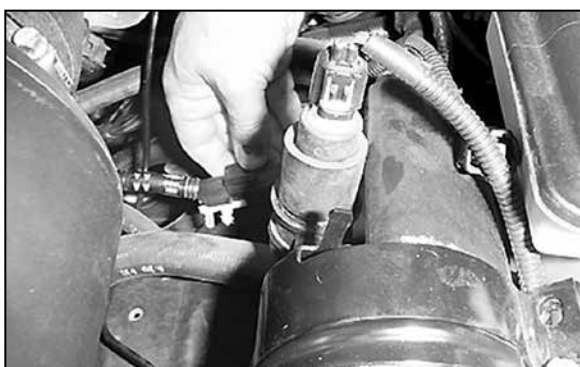
#### TO START:

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.



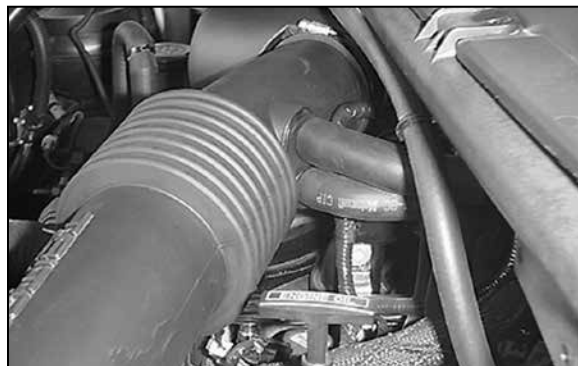
2. On models equipped with an external air temperature sensor, disconnect the air temperature sensor electrical connection.



3. Detach the mass air sensor wiring harness from the inner fender apron.



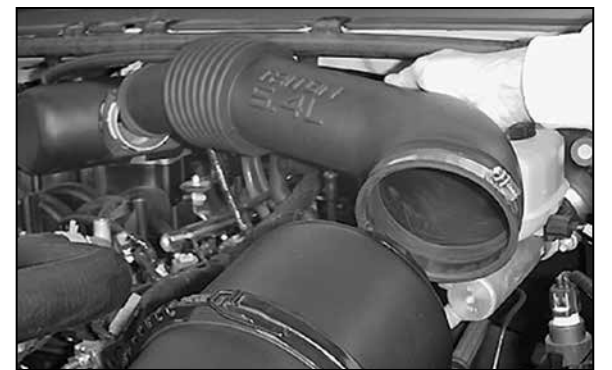
4. Disconnect the secondary mass air sensor electrical connection.



5. Detach the idle air control and PCV lines from the stock intake tube.



6. Loosen the hose clamps on the stock intake tube at the air cleaner and throttle body.

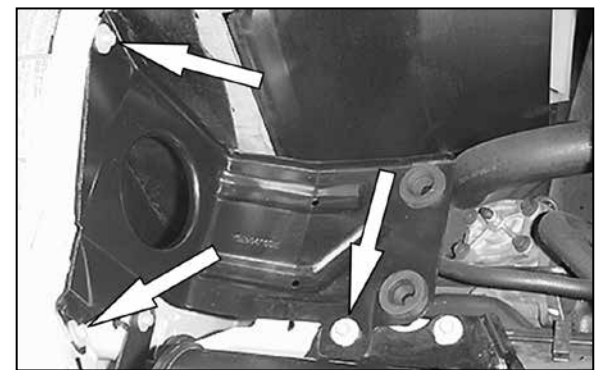


7. Remove the stock intake tube.

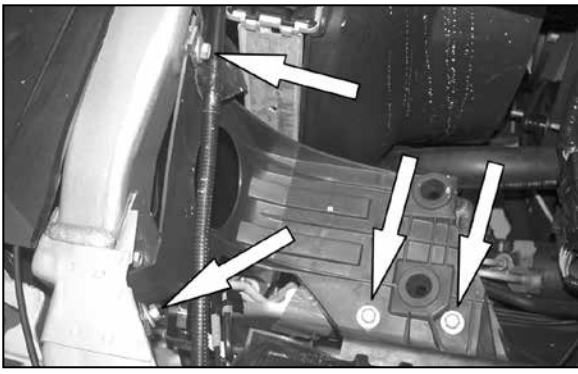


8. Pull upward firmly and remove the air cleaner.

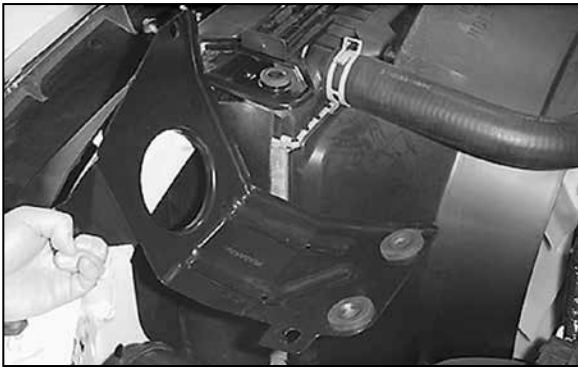
**NOTE:** K&N recommends that customers do not discard factory air intake.



9. Loosen and remove the three bolts that retain the air cleaner mounting bracket.



9a. On 2004 and later vehicles loosen and remove the four bolts, which retain the air box-evap canister bracket shown.



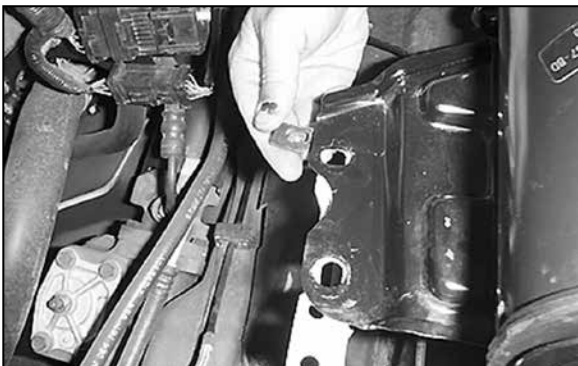
10. Remove the air cleaner mounting bracket.  
**NOTE: On 2004 and later vehicles, this bracket is not removed as it is one piece.**



11. Loosen and remove the bolt that retains the evaporative canister mounting bracket.



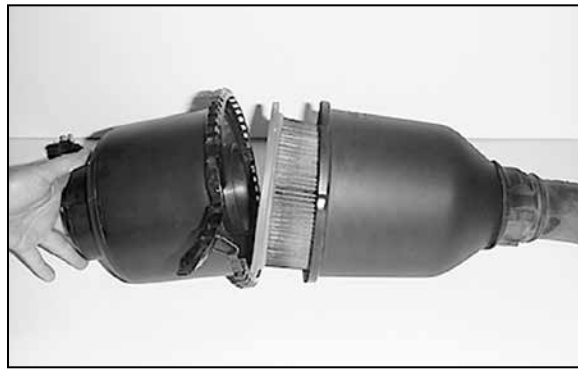
12. Loosen the two bolts that retain the evaporative canister mounting bracket to the inner fender.



13. Remove the two clip nuts from the evaporative canister bracket lower mounting point as they will not be reused.



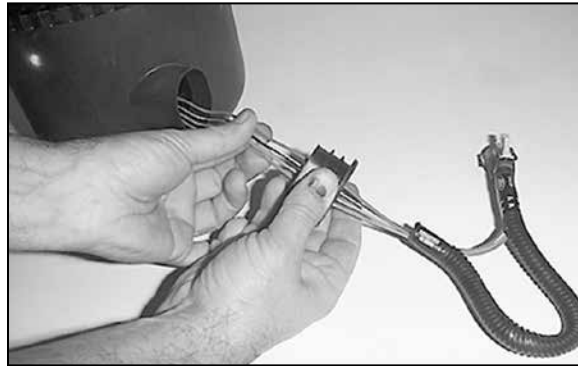
13a. On 2004 and later vehicles remove the clip nuts from under the air box-evap bracket as shown.



14. Disassemble the air cleaner assembly.



15. Using a flat blade screwdriver, push in and release the four clips that retain the mass air sensor retaining plate.



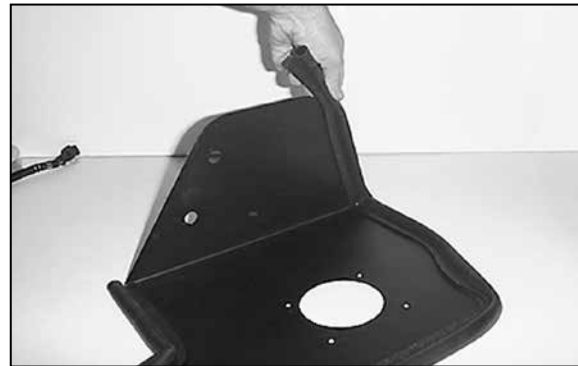
16. Pull the rubber boot away from the air cleaner.



17. Disconnect the primary mass air sensor electrical connection.



18. Loosen and remove the bolts that retain the mass air sensor to its retaining plate.



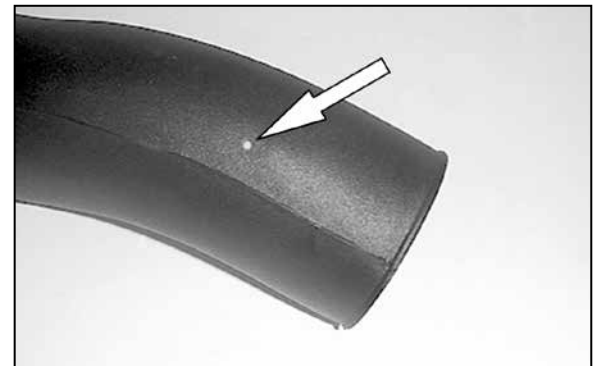
19. Install the trim seal onto the heat shield as shown.



20. Assemble mass air sensor, heat shield and adapter using the gaskets and hardware provided.



21. On models equipped with an external air temperature sensor, remove the air temperature sensor from the stock intake tube.



22. On models equipped with an external air temperature sensor, drill out the drill point in the K&N® intake tube using a 11/16" drill bit.



23. On models equipped with an external air temperature sensor, insert the grommet into the hole drilled in the K&N® intake tube.



24. Install the stepped hose onto the throttle body and tighten hose clamp.



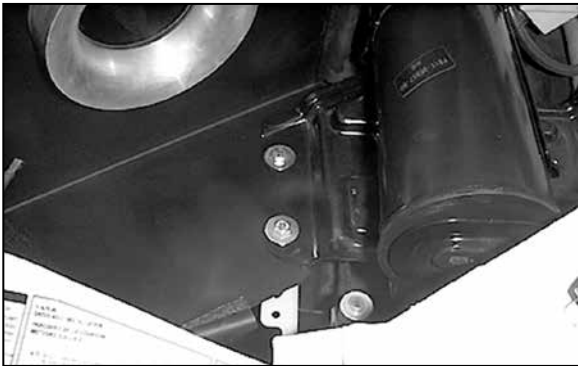
25. Install the hump hose onto the intake tube and tighten hose clamp.



26. Lift up on the evaporative canister mounting bracket and install the heat shield.



26a. On 2004 and later vehicles, lift up the air box-evap bracket and install the heat shield as shown.



27. Install the hardware to retain the heat shield.  
**Note: Do not tighten completely at this time.**



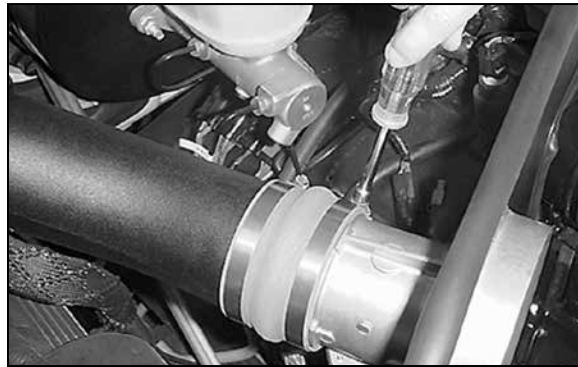
28. Position the intake tube for best alignment and tighten the hose clamp on the stepped hose at the intake tube.



29. Position the heat shield for best alignment and tighten the hardware that retains it.



30. Tighten the two bolts that retain the evaporative canister mounting bracket to the inner fender.



31. Tighten the hose clamp on the hump hose at the mass air sensor.

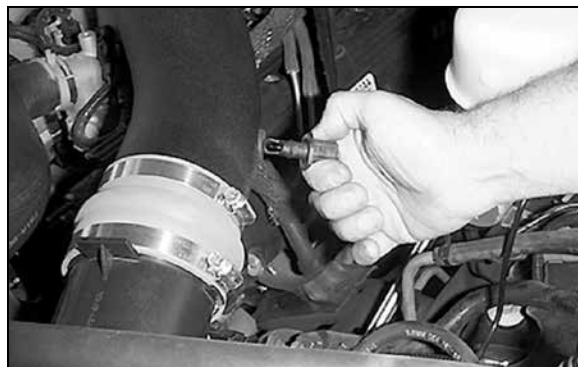
32. Attach the idle air control and PCV lines to the appropriate fittings on the intake tube, tighten hose clamps provided.



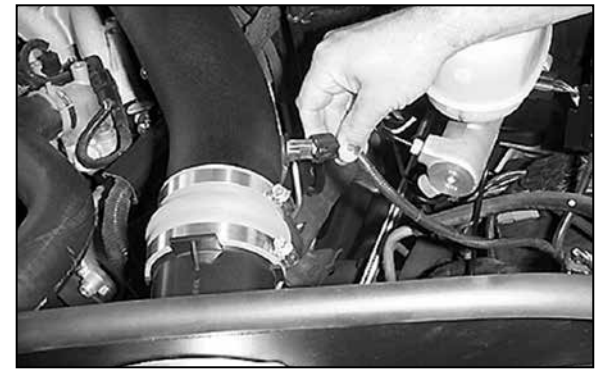
33. Reconnect the primary mass air sensor electrical connection.



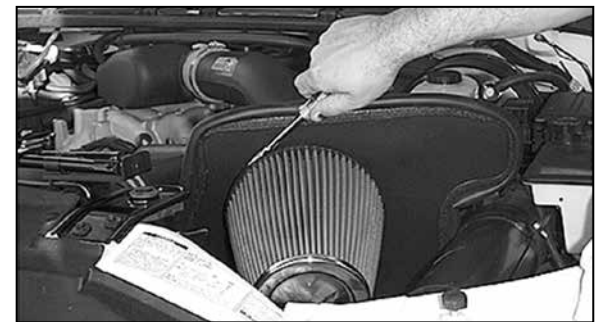
34. Reconnect the secondary mass air sensor electrical connection and reattach the wiring harness retaining clip to the inner fender apron.



35. On models equipped with an external air temperature sensor, insert the air temperature sensor into the grommet in the intake tube.



36. On models equipped with an external air temperature sensor, reconnect the air temperature sensor electrical connection and relocate the wiring harness retaining clip to front hole in the inner fender apron.



37. Install the air filter and tighten hose clamp.  
**NOTE: Drycharger® air filter wrap; part # RF-1020DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>®.**

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

39. 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.

40. 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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