

## INSTALLATION INSTRUCTIONS

### 57-2550

### FORD

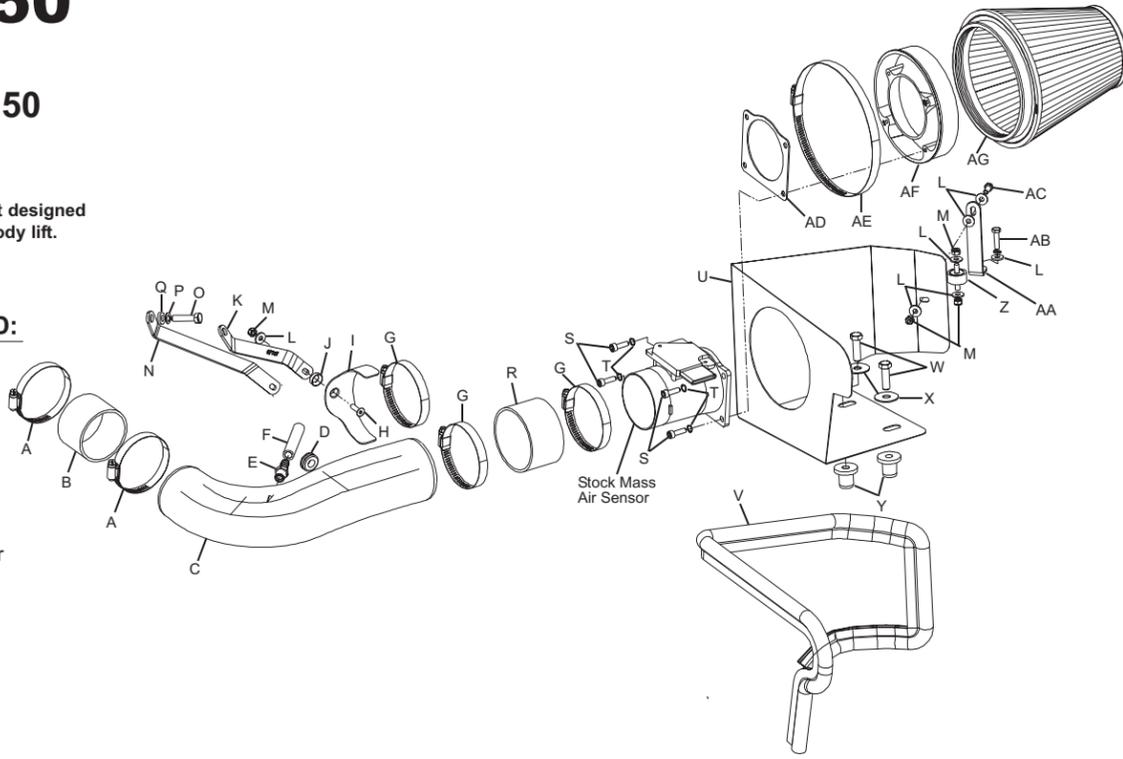
### 1997-04 F-150

### V6-4.2L

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

#### TOOLS NEEDED:

2.5mm Allen  
4mm Allen  
Ratchet  
Extension  
10mm Socket  
14mm Socket  
10mm Wrench  
5/8 Wrench  
Flat Blade Screwdriver



#### PARTS LIST:

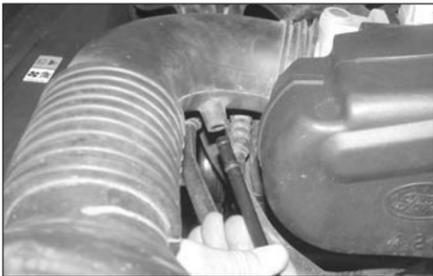
Desc.	QTY.	Part #
A	2	08560
B	1	08756
C	1	087096
D	1	08092
E	1	08047
F	1	08462
G	3	08601
H	1	08376
I	1	078855
J	1	08180
K	1	07181
L	7	08275
M	4	07553
N	1	07180
O	1	07784
P	1	08239
Q	1	08276
R	1	08690
S	4	07852
T	5	08198
U	1	07483
V	1	102480
W	2	07779
X	2	08126
Y	2	08163
Z	1	07027
AA	1	070952
AB	1	07704
AC	1	07703
AD	1	09330
AE	1	08697
AF	1	21504
AG	1	RC-5046

#### TO START:

1. Turn the ignition OFF and disconnect the vehicle's negative battery cable.



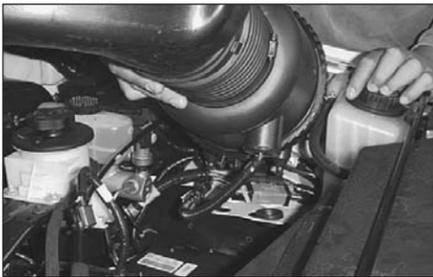
2. Disconnect the air temp sensor electrical connection.



3. Disconnect the crank case vent from intake tube as shown.



4. Loosen hose clamp at the throttle body.



5. Detach the stock intake tube from the throttle body and lift up on the air cleaner assembly to release it from its retaining grommets.



6. Disconnect the secondary mass air sensor electrical connection.



7. Remove the entire stock air intake assembly from the vehicle.



8. Open the air cleaner assembly and isolate the mass air sensor assembly.



9. Slide the rubber grommet back and disconnect the primary mass air sensor electrical connection, using a flat blade screwdriver.



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



11. Using a pair of small vise grips or pliers, hold the stud while using a 10mm wrench to loosen the nuts, then remove the mass air sensor from the retaining plate.



12. Remove the two air box mounting grommets from vehicle as shown.



13. Install edge trim onto heat shield as shown. Trim if needed.



14. Remove the 6mm bolt that retains the cruise control onto vehicle.



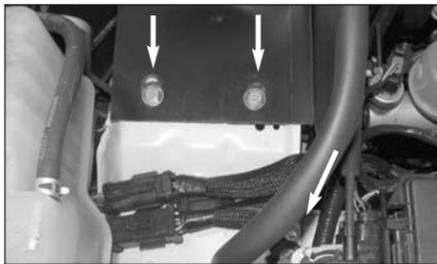
14a. On vehicles without cruise control, install the rubber mounted stud onto vehicle as shown.



15. Install the provided "L" bracket (070952) onto heat shield as shown. NOTE: Install a washer between heat shield and bracket.



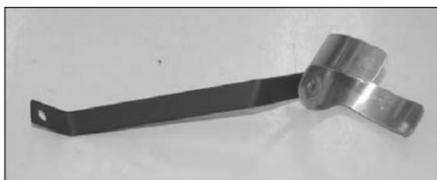
16. Install the two nut inserts onto the air box mounting tray as shown.



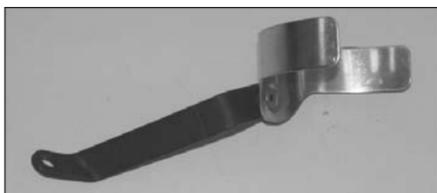
17. On vehicles with cruise control install heat shield as shown with the provided hardware.



17a. On vehicles that did not come equipped with cruise control, install heat shield onto the vehicle, then secure with the provided hardware.



18. On vehicles that did not come equipped with A/C, assemble the saddle bracket assembly as shown using bracket (07180).



18a. On vehicles that come equipped with A/C, assemble the saddle bracket assembly as shown using bracket (07181).



19. On vehicles that come equipped with A/C, remove the A/C mounting bolt. Then secure saddle bracket assembly from step 18a onto vehicle with the bolt that was removed.



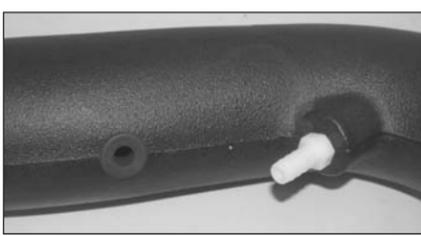
19a. On non A/C vehicles, install the saddle bracket assembly from step 18 onto vehicle with the provided hardware as shown.



20. Install the provided silicone hose (08756) onto the throttle body with the provided hose clamps.



21. Remove the temp sensor from the stock intake tube as shown.



22. Install the provided grommet and vent fitting onto the new K&N intake tube as shown.



23. Install the temp sensor into the new K&N intake tube as shown.



24. Attach the mass air adaptor to the mass air sensor using the gasket and provided hardware as shown.



25. Install the silicone hose (08690) onto the mass air assembly with the provided hose clamps as shown.



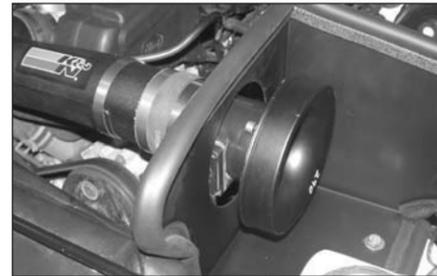
26. Install the K&N intake tube onto the throttle body, then align with the saddle bracket. Then tighten all hose clamps.



27. With the provided silicone hose reconnect the crank case vent to the new intake tube as shown.



28. Reconnect the temp sensor electrical connection as shown.



29. Install the mass air sensor assembly onto the new intake tube as shown.



30. Reconnect the primary and secondary mass air electrical connection.



31. Install the Filtercharger onto the mass air sensor and secure it with the provided hose clamp.



32. It may be necessary to loosen clamps and twist the entire assembly to achieve proper alignment and clearance, then re-tighten all hardware.

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

34. 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.

35. It will be necessary for all FIPK's 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 Filtercharger 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 99-5050 or 99-5000.

**\*FREE K&N DECAL To register your warranty, please see us online at [knfilters.com/register](http://knfilters.com/register). FREE K&N DECAL\***