



FUEL INJECTION PERFORMANCE KIT FIIPK[®]

INSTALLATION INSTRUCTIONS

57-2505-1

FORD / MERCURY

Thunderbird / Cougar

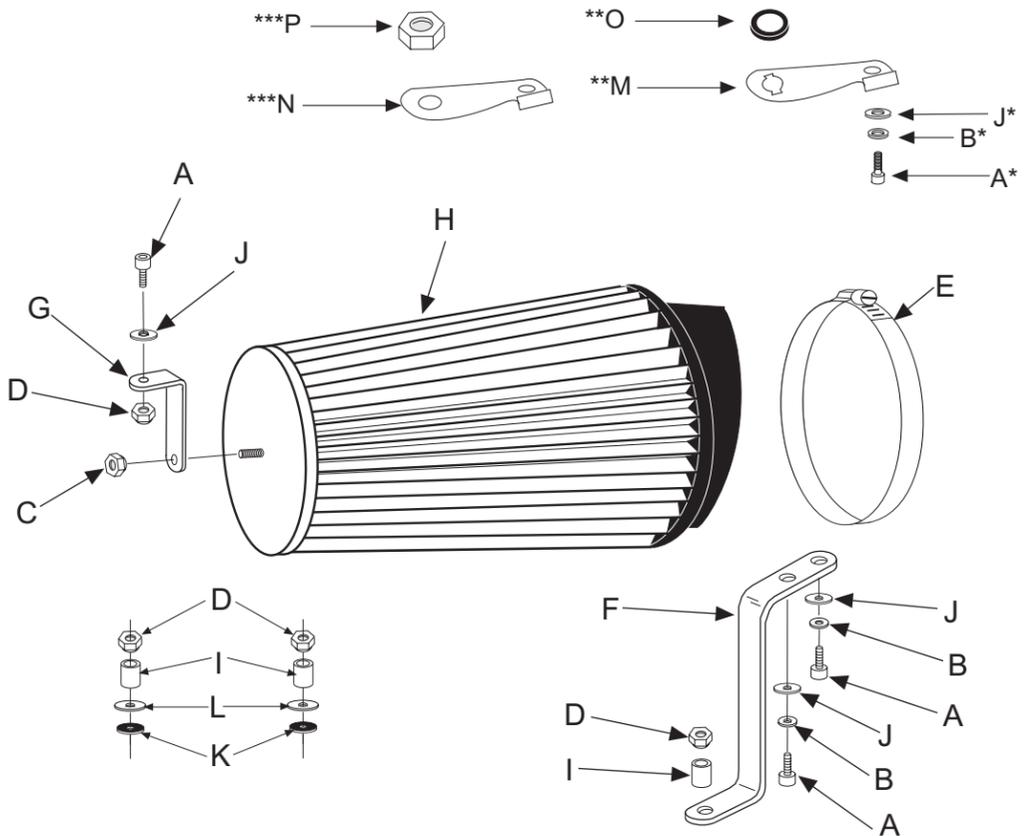
1991-97 V6-3.8L (non-S.C)

1991-93 V8-5.0L

1994-97 V8-4.6L

TOOLS NEEDED:

Flat Blade Screwdriver
Pair Of Dykes
Ratchet
Socket Extension
5/16" Socket
7/16" Socket
10mm Socket
11mm Socket
7/16" Wrench
5mm Allen Wrench
Drill
1/4" Drill Bit



* These items are to be utilized for models equipped with an air temperature sensor.

** These items are to be used for models equipped with a push-in style air temperature sensor.

*** These items are to be used for models equipped with a threaded-style air temperature sensor.

PARTS LIST

Description	Qty.	Part #
A 6mm Allen Bolt, 16mm	4	07818
B 6mm Wave Washer	3	08174
C 1/4"-20 Nylock Nut	1	07517
D 6mm Nylock Nut	4	07553
E Hose Clamp #56	1	08620
F "Z" bracket	1	08014
G "L" Bracket	1	07093
H Air Filter element	1	RF-1016
I Spacer	3	079195
J Flat Washer	4	08275
K Rubber Washer	2	21685
L Fender Washer	2	08160
M Temp. Sensor Bracket (Slotted Hole)	1	070522
N Temp. Sensor Bracket	1	07107
O Temp. Sensor Gasket	1	09767
P 3/8" NPT Locknut	1	07526

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. Disconnect the mass air sensor and the air temperature sensor electrical connections.

NOTE: Not all vehicles are equipped with an air temperature sensor.



3. Loosen the hose clamp and remove the intake tube at the mass air sensor.



4. Release the over center clips on the airbox and remove the airbox lid from the vehicle.



5. Using a 7/16" socket, loosen and remove the three nuts that secure the airbox base.

NOTE: The factory nuts will not be reused.

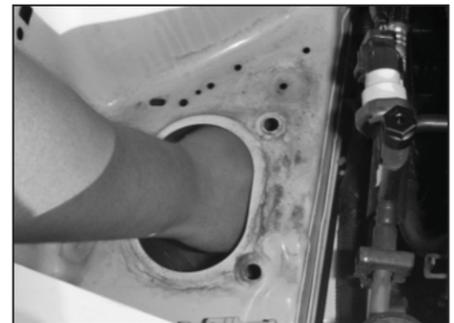


6. Remove the airbox base as shown.

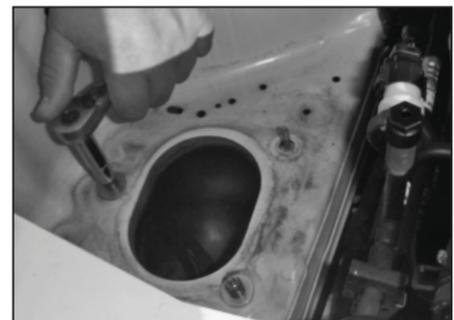
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



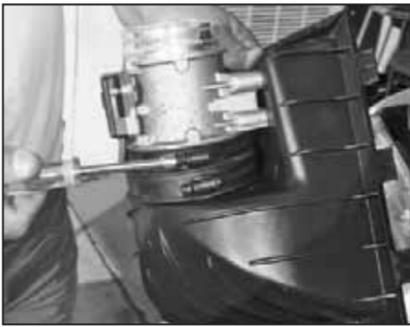
7. Using a pair of dykes, cut the three plastic clips from the airbox mounting studs.



8. Once you have cut the clips from the mounting studs, push the scoop down into the cavity to remove the three threaded clips from the studs.



9. Assemble the provided hardware onto the two front mounting studs.



10. Remove the mass air sensor from the airbox lid.



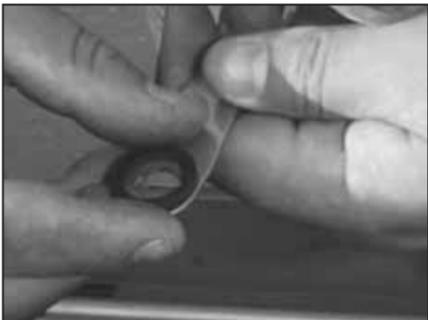
11. Remove the air temperature sensor from the airbox lid.

NOTE: Not all vehicles are equipped with an air temperature sensor.



12. Attach the "Z" bracket and temperature sensor bracket onto the mass air sensor, secure with the provided hardware as shown.

NOTE: Some vehicle's are equipped with a threaded or a push-in style air temperature sensor. Use appropriate bracket supplied.



13. On models equipped with a push-in style air temperature sensor, apply the provided temperature sensor gasket to the temperature sensor bracket.



14. Insert the air temperature sensor into the slotted hole on the air temperature sensor bracket and turn 90 degrees to secure.

NOTE: On models equipped with a threaded style air temperature sensor, push the air temperature sensor through the hole in the temperature sensor bracket and secure it with the provided nut.



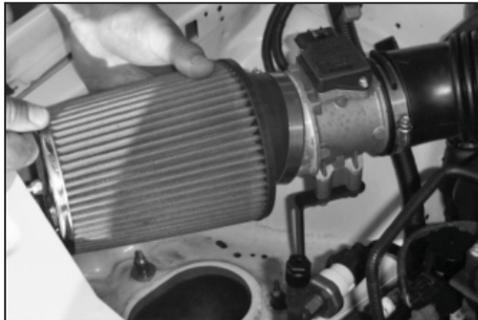
15. Insert the mass air assembly into the intake tube and secure with original hose clamp.



16. Place the "Z" bracket onto the original rear airbox mounting stud and secure it with the provided hardware.



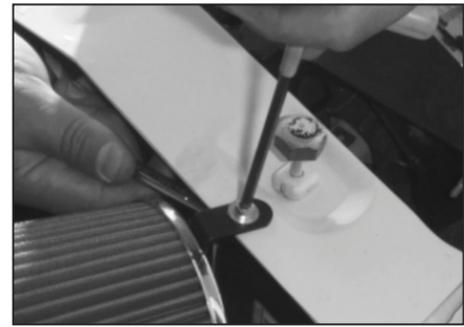
17. Attach the "L" bracket to the stud located on the top plate of the air filter element, secure with the provided nut.



18. Install the air filter element onto the mass air sensor as shown.



19. Line up the "L" bracket with the radiator core support. Position everything for best fit and clearance. Mark the "L" bracket hole, then remove the air filter and drill.



20. Reinstall the air filter element onto the mass air sensor and secure with the provided hose clamp. Line up the "L" bracket with the hole drilled in the previous step and secure it with the provided hardware.



21. Reconnect the mass air sensor and the air temperature sensor electrical connections.

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

23. 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.

24. 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., 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 99-5050 or 99-5000.

50-STATE STREET LEGAL
K&N CARB EXEMPT K&N

* FREE K&N® decal To register your warranty, please see us online at knfilters.com/register. FREE K&N® decal *

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