



# FUEL INJECTION PERFORMANCE KIT FIPIK

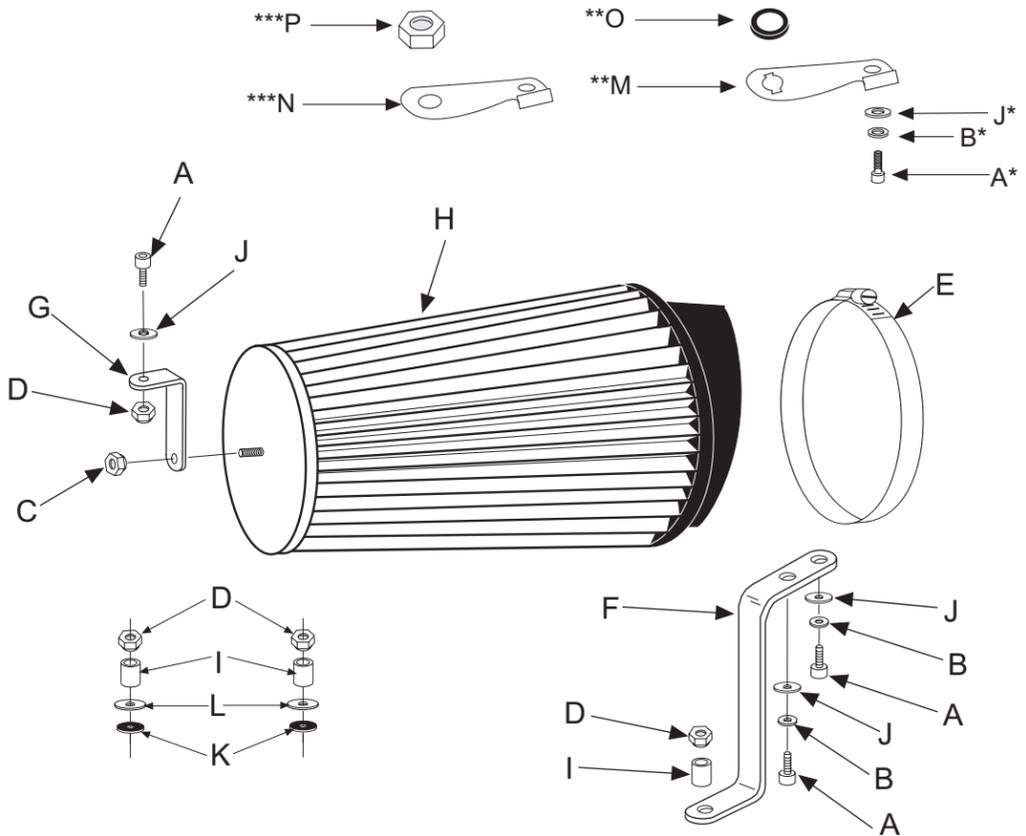
INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

## INSTALLATION INSTRUCTIONS

**57-2505-1**  
**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.

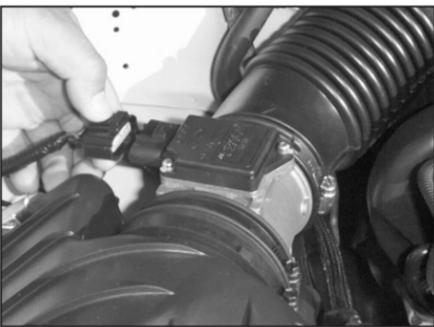
**PARTS LIST**

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

**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 air box and remove the air box lid from the vehicle.



5. Using a 7/16" socket, loosen and remove the three nuts that secure the air box base.  
**NOTE: The factory nuts will not be reused.**



6. Remove the air box 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 air box 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 air box lid.



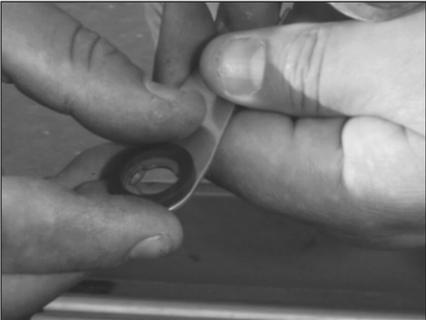
11. Remove the air temperature sensor from the air box lid.

**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 air box mounting stud and secure it with the provided hardware.



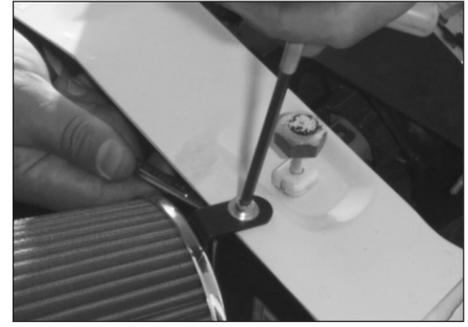
17. Attach the "L" bracket to the stud located on the top plate of the air filter element, secure with the provided nut.



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., 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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