



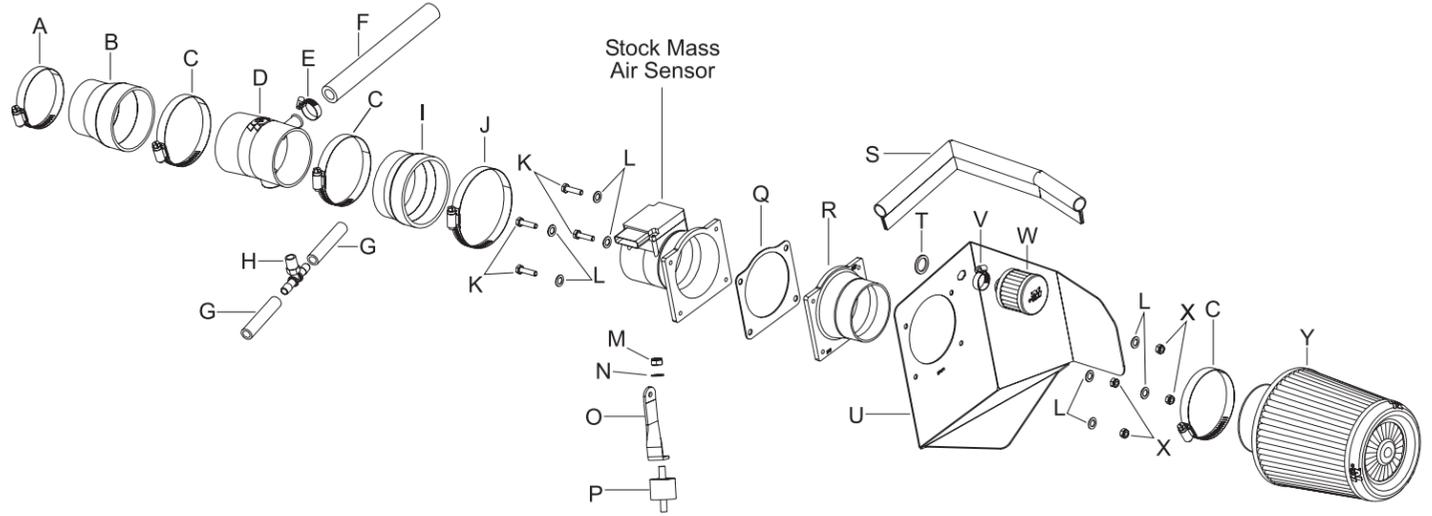
INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

# INSTALLATION INSTRUCTIONS

**57-2534**  
**MERCURY**  
**2000-01 Cougar**  
**V6-2.5L**

**TOOLS NEEDED:**

- Flat Blade Screwdriver
- Ratchet
- 10mm Socket
- 13mm Socket



**PARTS LIST:**

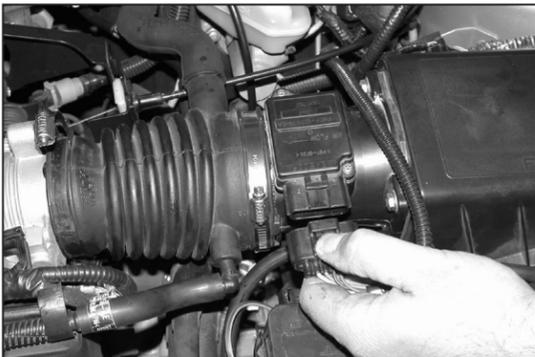
Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp, #40	1	08554	J Hose Clamp, #56	1	08620	S Edge Trim	1	102474
B Silicone Step Hose	1	08713	K Hex Bolt, 6mm x 25mm L.	4	07704	T Gasket	1	09767
C Hose Clamp, #48	3	08601	L Wave Washer, 6mm	8	08174	U Heat Shield	1	07471
D Intake Tube	1	087032	M Nylock Nut, 8mm	1	07542	V Hose Clamp, #006 Mini	1	08407
E Hose Clamp, #008	1	08410	N Flat Washer, 5/16" ID	1	08276	W Vent Filter	1	62-1320
F Hose, 5/8"ID, 90 deg.	1	08602	O Twist Bracket	1	070014	X Nylock Nut, 6mm	4	07553
G Hose, 10mm ID	2	08187	P Mounted Stud, 8mm	1	070227	Y Air Filter	1	RX-4730
H Vent, "T", 1/4" NPT	1	08197	Q Gasket	1	09330			
I Silicone Step Hose	1	08186	R Mass Air Adapter	1	08838			

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

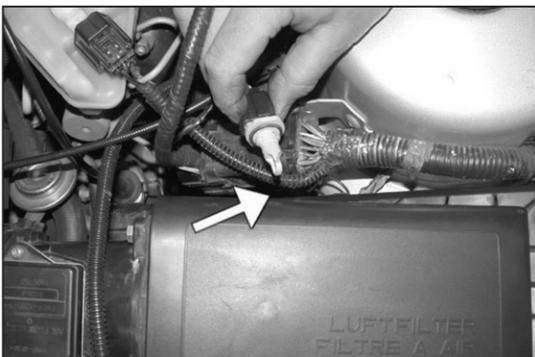
**TO START:**

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

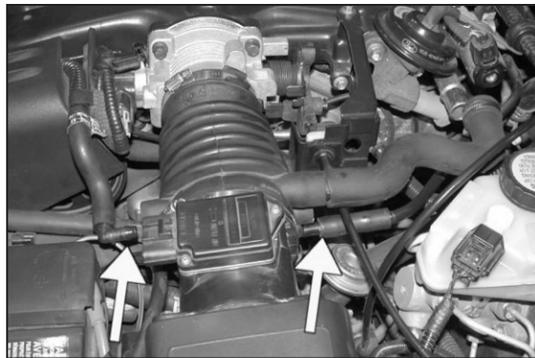
**NOTE: Disconnecting the negative battery cable erases pre-programmed electronic memories. Write down all memory settings before disconnecting the negative battery cable. Some radios will require an anti-theft code to be entered after the battery is reconnected. The anti-theft code is typically supplied 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.**



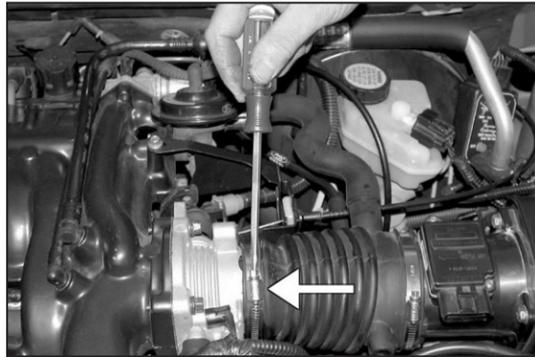
2. Disconnect the mass air sensor electrical connection as shown.



3. Turn the air temperature sensor 1/4 turn, then pull it out of the air cleaner assembly to remove as shown.



4. Disconnect the crank case vent hoses and the IAC vent hose as shown.



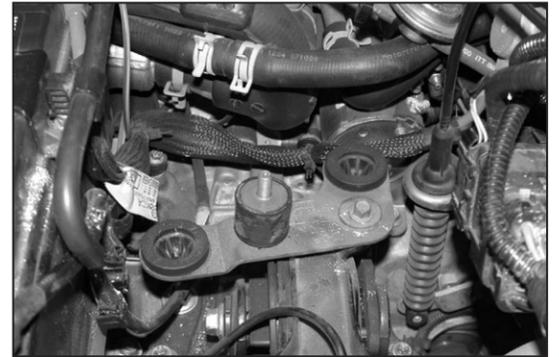
5. Loosen the hose clamp at the throttle body as shown.



6. Remove the rubber intake hose from the throttle body, then, pull firmly upwards to release the air cleaner assembly from the stock grommets as shown.  
**NOTE: Pull upwards on the end of the air cleaner assembly closest to the engine.**  
**NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.**



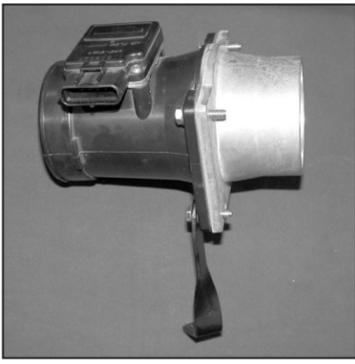
7. Loosen and remove the stock hex bolt from the air cleaner support bracket as shown.



8. Install the provided rubber mounted stud to the threaded hole from step 7.



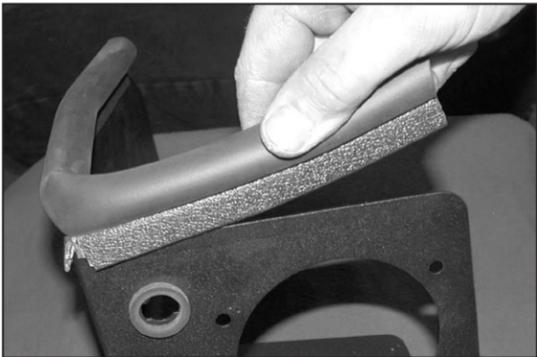
9. Loosen and remove the four bolts that secure the mass air sensor to the air cleaner, then, remove the mass air sensor as shown.



10. Assemble the mass air adapter, gasket, mass air sensor, and the twist bracket using the provided hardware as shown.



11. Apply the provided adhesive back gasket to the key-hole on the heat shield as shown.



12. Apply the edge trim onto the heat shield as shown. Trim excess if necessary.



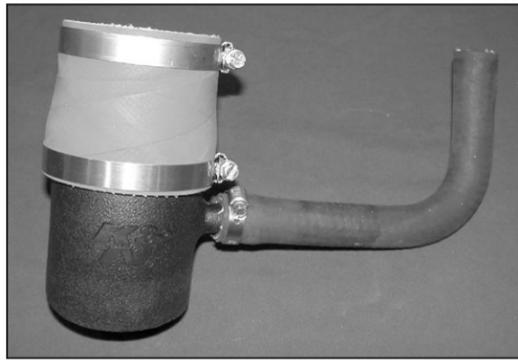
13. Slide the mass air assembly into the bolt pattern on the heat shield, then, secure it with the provided hardware as shown.



14. Install the provided "T" vent into the threaded boss on the K&N® intake tube as shown.  
**NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench.**



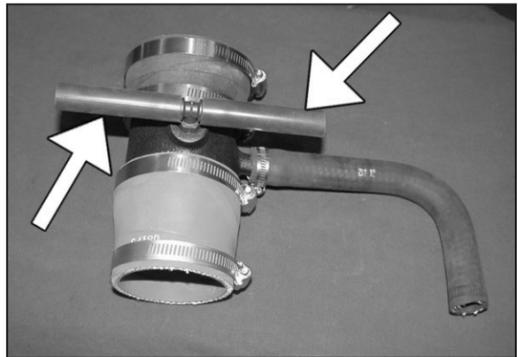
15. Install the provided hose and hose clamp onto the K&N® intake tube as shown.



16. Assemble the large silicone step hose and hose clamps onto the K&N® intake tube as shown.



17. Assemble the small silicone step hose and hose clamps onto the K&N® intake tube as shown.



18. Install the two provided hoses onto the "T" vent on the K&N® intake tube as shown.



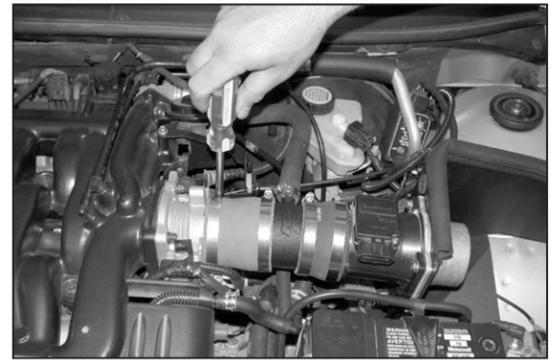
19. Install the K&N® intake tube assembly onto the heat shield assembly as shown.



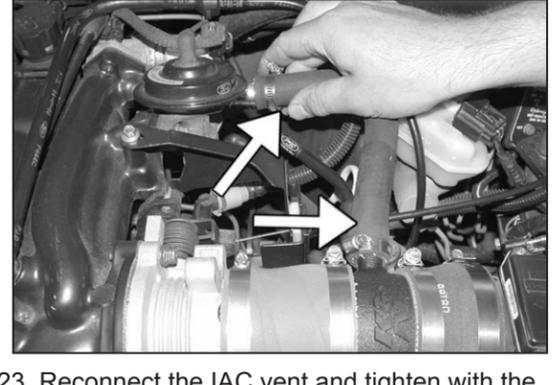
20. Install the K&N® intake assembly onto the throttle body as shown.



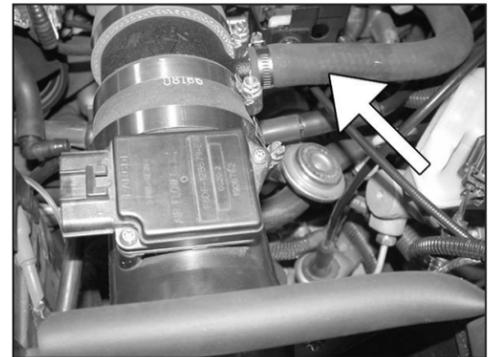
21. Line up the twist bracket with the rubber mounted stud, and secure it with the provided hardware as shown.  
**NOTE: Adjust everything for best fit and clearance before tightening.**



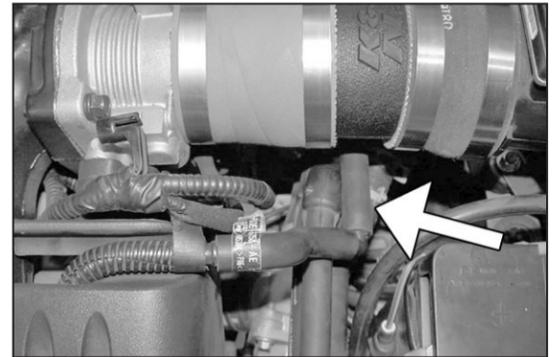
22. Adjust the tube and silicone hoses for best fit, then, tighten the hose clamps as shown.



23. Reconnect the IAC vent and tighten with the provided hose clamp as shown.



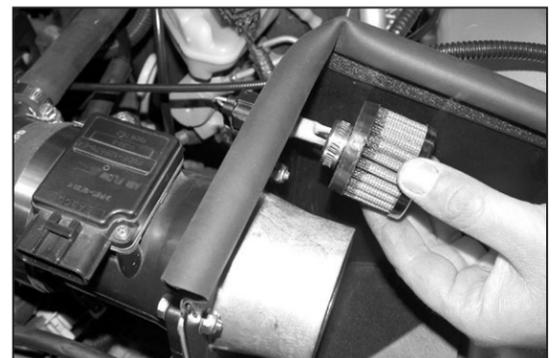
24. Reconnect the crank case vent hose as shown.



25. Reconnect the crank case vent hose as shown.



26. Install the air temperature sensor into the key-hole in the heat shield as shown. Turn it ¼ turn to lock into place.



27. Install the provided K&N® vent filter onto the air temperature sensor as shown.



28. Reconnect the mass air sensor electrical connection as shown.



29. Install the K&N® air filter and secure it with the provided hose clamp as shown.

**NOTE: Drycharger® air filter wrap; part # RX-4730DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>®.**



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

31. 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.

32. 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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