



INSTALLATION INSTRUCTIONS

57-2563

MERCURY

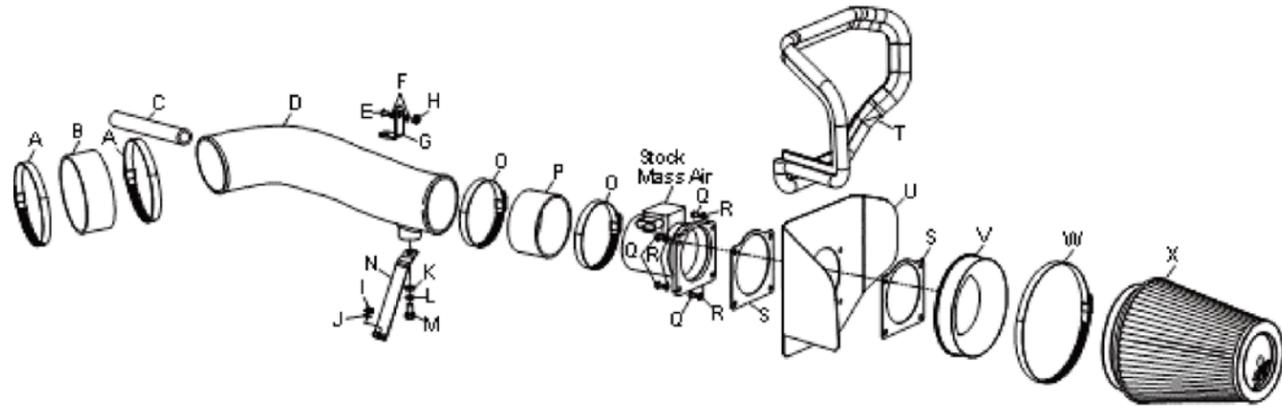
2003-04 MARAUDER

V8-4.6L

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

TOOLS NEEDED:

Flat Blade Screwdriver
Ratchet
Extension
8mm Socket
10mm Socket
11mm Socket
3mm Allen Wrench
5mm Allen Wrench



PARTS LIST:

Desc.	QTY.	Part #	Desc.	QTY.	Part #	Desc.	QTY.	Part #
A hose clamp #72	2	08671	G bracket "L"	1	070712	M bolt; 8mm-1.25 x 16mm hex	1	07844
B silicone hose	1	08623	H nut; m5-.8, nylock	1	07507	N bracket z	1	010086
C silicone hose	1	084047	I nut; 6mm hex, nylock	1	07553	O hose clamp #56	2	08620
D intake tube (EJ)	1	087137	J washer; 6mm flat	1	08275	P silicone hose	1	08630
E bolt; m5-.8 x 8mm, b/h/a	1	07740	K washer; 5/16" flat	1	08276	Q bolt; m6-1.00 x 16mm, b/h/a	4	07730
F washer; 5mm flat	2	08212	L washer; 8mm wave	1	08239	R 1/4" split lock washer	4	08198
						S gasket; mass air	2	09984
						T edge trim	1	102499
						U heat shield	1	07491
						V filter adapter #250	1	08785
						W hose clamp #104	1	08697
						X air filter	1	RF-1041

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



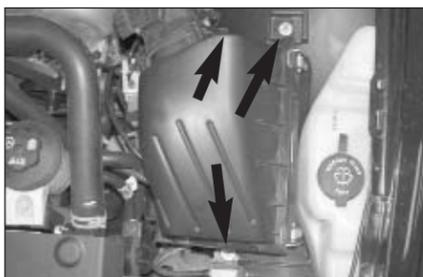
2. Disconnect the mass air sensor electrical connection.



3. Disconnect the crank case vent hose from the valve cover vent fitting as shown.



4. Loosen the two hose clamps which secure the stock intake tube to the throttle body and mass air sensor and then remove the intake tube from the vehicle as shown.

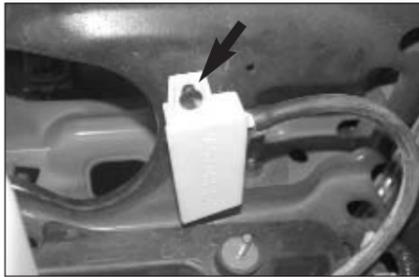


5. Loosen and remove the three air box mounting nuts shown.



6. Lift and remove the air box from the vehicle as shown.

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



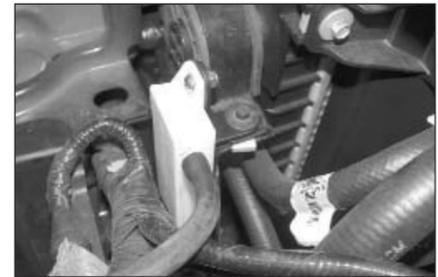
7. Remove the air compressor muffler-retaining pin shown and then remove the muffler from the core support.



8. Using the provided hardware, secure the muffler to the "L" bracket (070712) as shown.



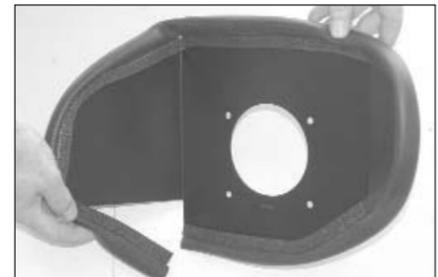
9. Remove the radiator mounting bolt shown.



10. Secure the muffler assembly with the bolt removed in step #9 to the radiator mount.



11. Remove the mass air sensor from the air box as shown.

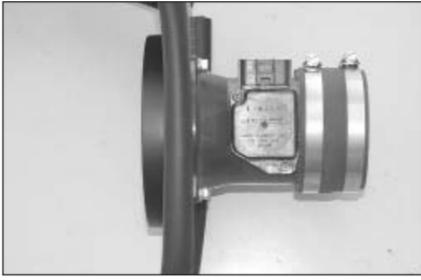


12. Install the provided edge trim onto the heat shield as shown.

NOTE: Some trimming of the edge trim may be necessary.



13. Install the radius filter adapter, gaskets and heat shield assembly onto the mass air sensor with the provided hardware as shown.



14. Install the silicone hose (08630) onto the mass air sensor and secure with the provided hose clamp as shown.



15. Install the K&N air filter onto the mass air sensor assembly as shown.



16. Pull up to release the wiring harness clip from valve cover mounting stud.



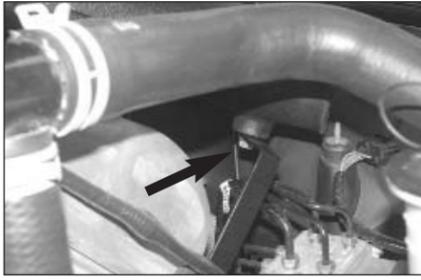
17. Install the tube-mounting bracket (010086) onto the valve cover-mounting stud exposed in step #16 and secure with the provided wire tie to secure the wire harness to the installed bracket.



18. Install the provided silicone hose (08623) onto the throttle body and secure with the hose clamp provided.



19. Install the K&N intake tube into the silicone hose at the throttle body and secure with the provided hose clamp.



20. Using the provided 8mm bolt, secure the intake tube to the tube-mounting bracket installed in step #17.



21. Install the supplied silicone vent hose onto the crank case vent fitting in the valve cover and onto the K&N intake tube as shown.



22. Install the mass air filter assembly onto the K&N intake tube and secure with the provided hose clamp.



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



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

25. 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

26. 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 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.