



INSTALLATION INSTRUCTIONS

57-2544

FORD

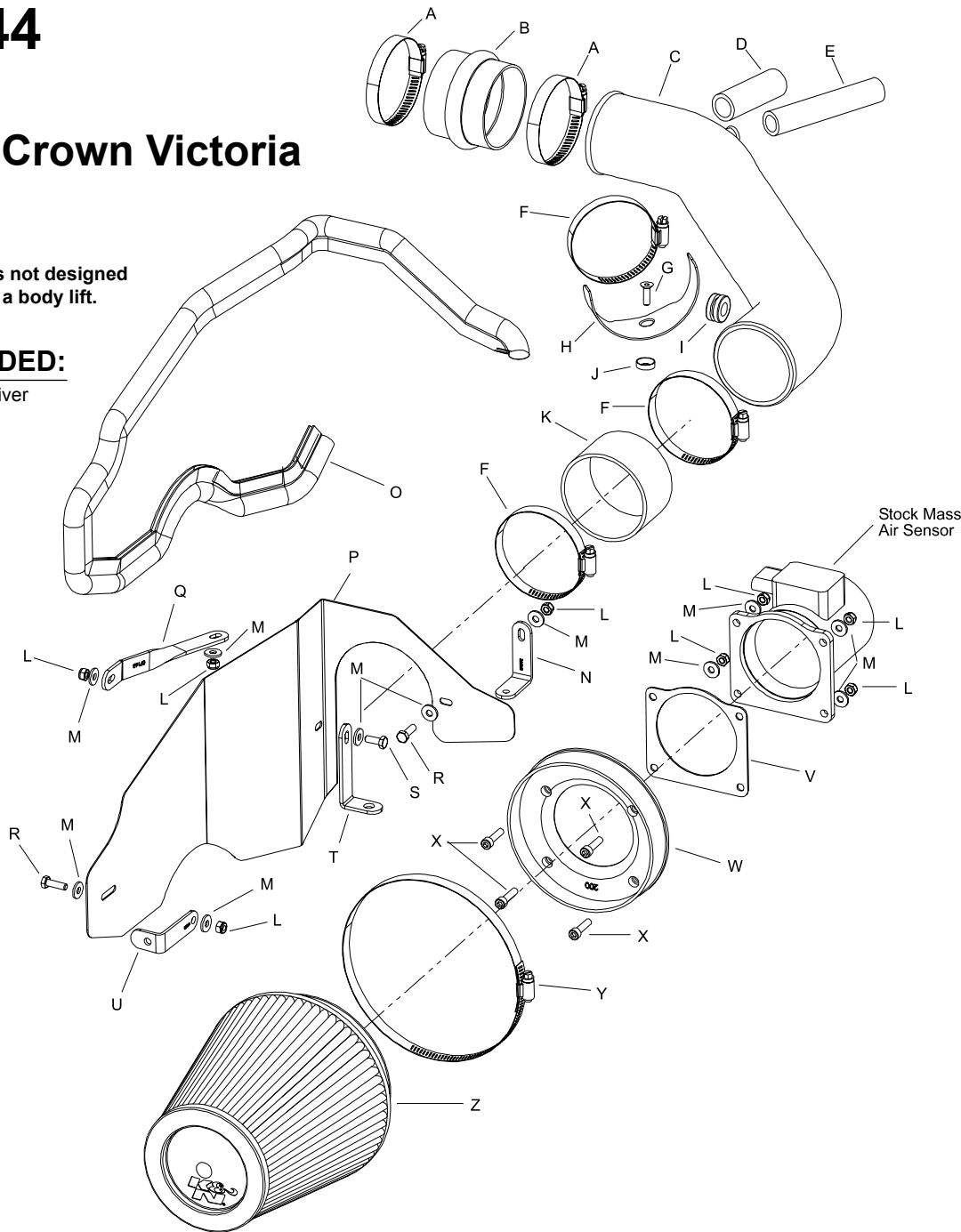
1999-02 Crown Victoria

V8-4.6L

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

TOOLS NEEDED:

Flat Blade Screwdriver
short extension
10mm Socket
11mm socket
5mm Allen Wrench
1/4 ratchet
5/32 Allen
1/4 extension
10mm wrench
8mm socket
Ratcht
Drill
3/4 drill bit



PARTS LIST:

Description	Qty.	Part #
A hose clamp #44	2	08577
B silicone hump hose	1	087121
C intake tube (CU)	1	087088
D vent hose 3/4" id long	1	08471
E vent hose 5/8" long	1	08538
F hose clamp #48	3	08601
G bolt 6mm fha	1	08376
H saddle bracket	1	078855
I grommet	1	08064
J cup washer	1	08180
K silicone hose	1	08690
L nut 6mm nylock	8	07553
M washer 1/4" flat	11	08275
N large "L" bracket	1	070602
O edge trim 42"L	1	102499
P heat shield	1	074001
Q bracket	1	07163
R bolt 6mm-1.00 x 10mm	2	07863
S bolt 6mm-1.00 x 16mm	1	07703
T large "L" bracket	1	07093
U small "L" bracket	1	07879
V mass air sensor gasket	1	09330
W silicone adapter #200	1	08831
X bolt allen 1.00 x 25mm	4	07859
Y hose clamp #104	1	08697
Z filter charger	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 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. Loosen and remove the bolt that retains the engine cover to the engine with a 1/4 extension, then remove engine cover.



3. Disconnect the mass air sensor electrical connection.



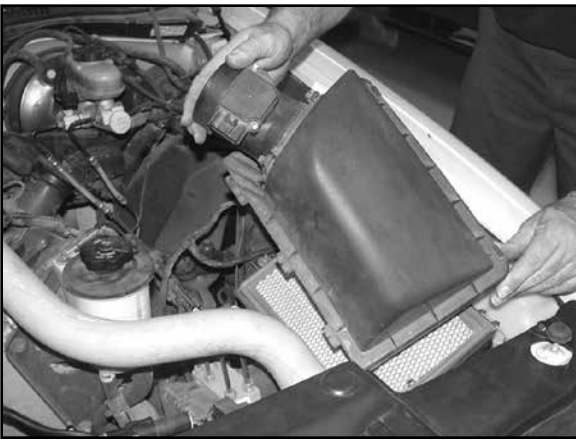
4. Disconnect the temp sensor electrical connection. **Note:** Not all vehicles come with external temp sensors.



5. Disconnect the crank case vent and idle air hoses as shown.



6. Loosen the hose clamp at the throttle body and at the mass air sensor then remove the stock air intake tube as shown.



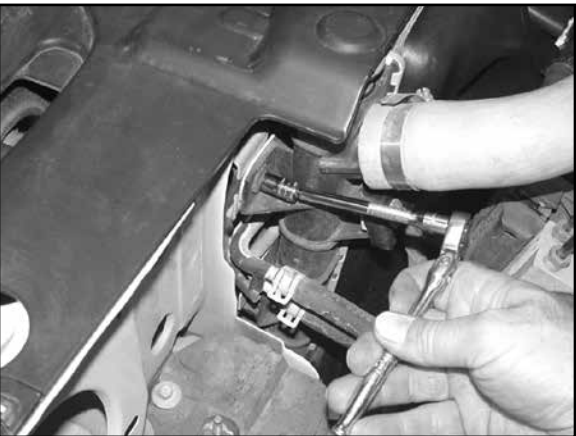
7. Release the 2 clips which retain the airbox lid then remove the lid from the vehicle.



8. Remove the three nuts that retain the airbox bottom to vehicle.



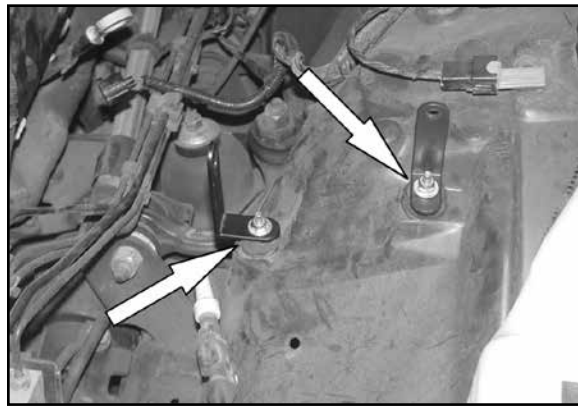
9. Remove airbox bottom from vehicle as shown.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



10. Remove the 8mm bolt that retains the radiator fan shroud to radiator.



11. Install the provided bracket (07879) onto radiator with the provided hardware.

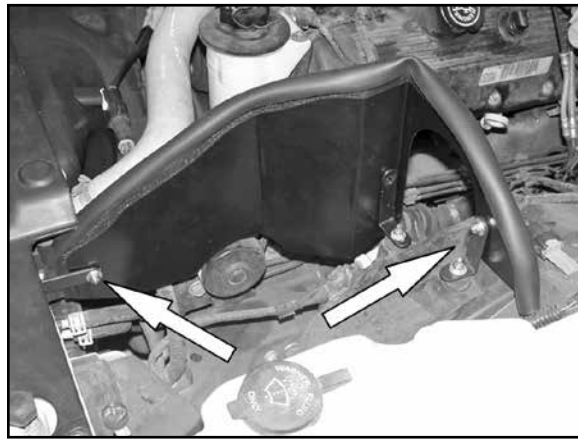


12. Install the two provided brackets onto the factory rubber mounted studs with the provided hardware.

Note: Install bracket (07093) onto the lower rubber mounted stud.



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



14. Install the heat shield into vehicle and attach to the two outer brackets.



15. Using the provided hardware, assemble the saddle bracket assembly as shown.



16. Install the saddle bracket assembly onto the heat shield as shown.



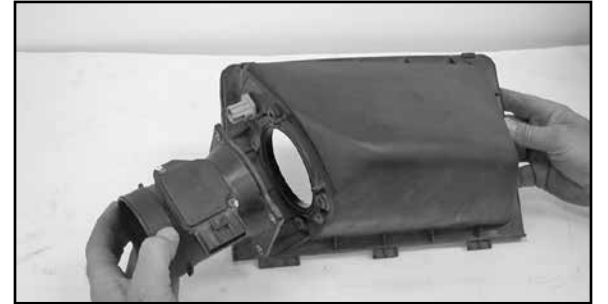
17. On vehicles that come with external temp sensor drill out the drill point with a 3/4 drill, then install the provided grommet as shown.



18. Install the provided silicone hump hose (087121) onto the K&N® intake tube with the provided hose clamps.



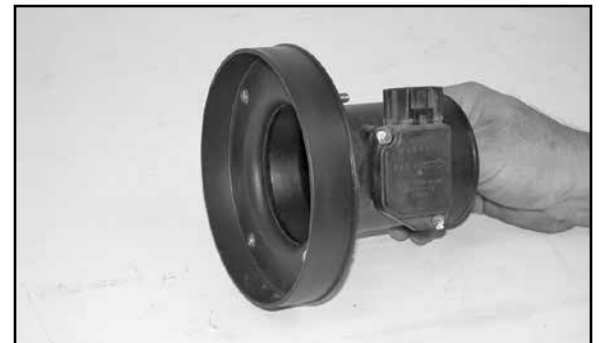
19. Install the K&N® intake onto the throttle body and line it up with saddle bracket assembly.
Note: Do not tighten completely.



20. Remove the four bolts that retain the mass air sensor to the airbox lid, then remove the mass air sensor from lid.



21. On vehicles that come equipped with an external temp sensor, twist counter clockwise to remove from airbox lid.



22. Assemble the filter adaptor onto the mass air sensor with the provided hardware as shown.



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



24. Install the filtercharger onto the mass air assembly as shown.



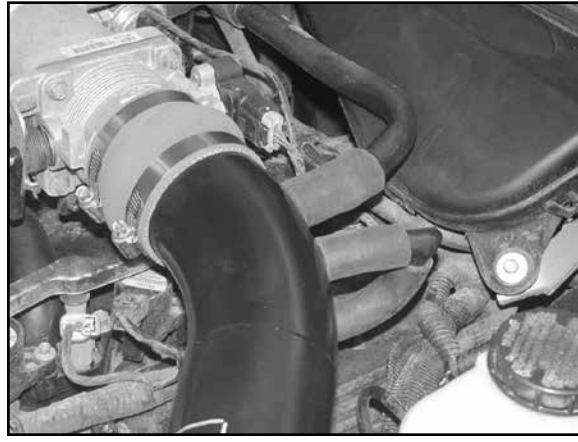
25. Reconnect the mass air sensor electrical connection as shown.



26. Install the mass air assembly onto the intake tube and adjust for best fit before tightening hose clamps.



27. On vehicles with external temp sensor, install the temp sensor onto the intake tube then re-connect the electrical connection.



28. Reconnect the crank case vent and idle air hose onto the new intake tube with the provided silicone hoses as shown.



29. Re-install the engine cover that was removed in step 2.



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.