



TYPHOON INTAKE SYSTEMS

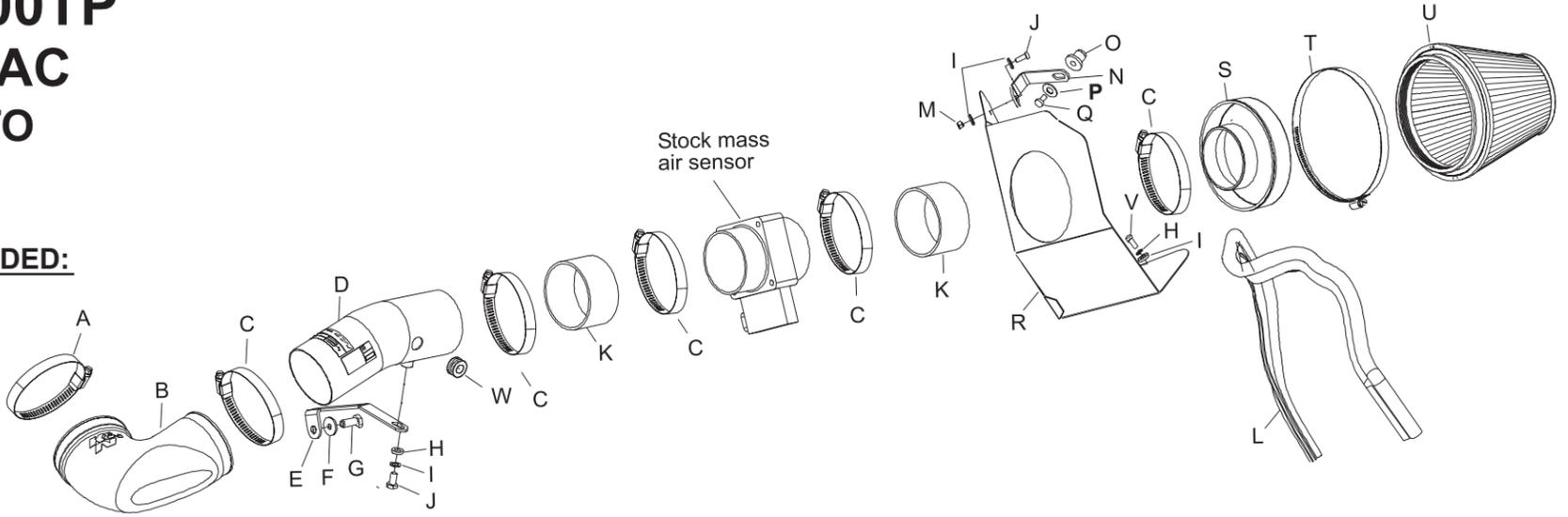
INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

INSTALLATION INSTRUCTIONS

**69-7200TP
PONTIAC
2004 GTO
V8-5.7L**

TOOLS NEEDED:

- Flat Blade
- Screwdriver
- 10mm Wrench
- 1/2" Wrench
- Ratchet
- Extension
- 10mm Socket
- T-30 Torx Socket
- 17mm Socket
- Pliers



PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A HOSE CLAMP #64 SS	1	08645	I WASHER 6MM WAVE, SS	4	08277	Q BOLT 5/16", SS	1	07777
B HOSE 3-1/2"ID ANGLED	1	084053	J BOLT M6-1.0X12MM, SS	2	07727	R HEAT SHIELD	1	074026
C HOSE CLAMP #60 SS	5	08628	K HOSE 3-1/2"ID X 2"L,	2	08698	S ADAPTER #380	1	21512-1
D TUBE 3-1/2"OD X 9-1/2"L	1	27505	L EDGE TRIM TOP-LOC 33"L	1	102498	T HOSE CLAMP #104	1	08697
E BRACKET "L"	1	010076	M NUT 6MM NYLOCK, SS	1	07553	U AIR FILTER	1	RC-5138
F WASHER 3/8", FLAT, SS	1	08134	N BRACKET "C"	1	010077	V BOLT; M6x1.00"x20MM HEX	1	07795
G BOLT; M10-1.5X25MM L	1	07702	O INSERT 5/16"	1	088002	W GROMMET 1"OD	1	08064
H WASHER 6MM FLAT, SS	2	08269	P WASHER 8MM, FLAT, SS	1	08272			

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. Release the center pin on the five radiator cover clips. Then remove the clips from the radiator cover.



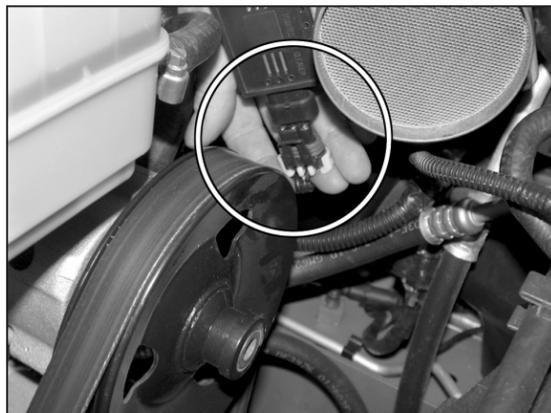
3. Lift up on the radiator cover and pull back to release from the retaining hook, then remove the cover from the vehicle.



4. Release the air temp. electrical connection clip, then disconnect the electrical connection.



5. Loosen the two intake tube hose clamps, then remove the intake tube from the vehicle.



6. Release the mass air sensor electrical connection clip, then disconnect the electrical connection.



7. Pull the coolant reservoir up and away from the inner fender to release it from the retaining studs.



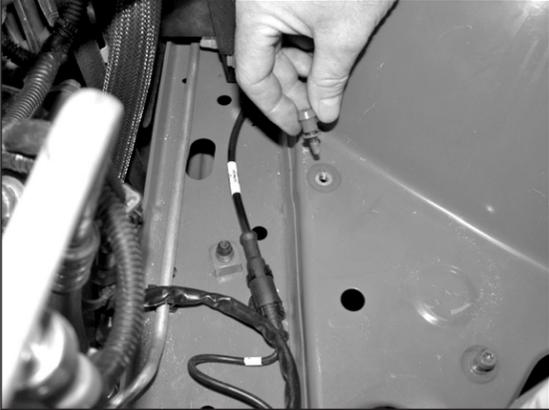
8. Have an assistant hold the coolant reservoir up, lift up on the air box assembly to release it from the retaining studs. Then remove the air box from the vehicle.



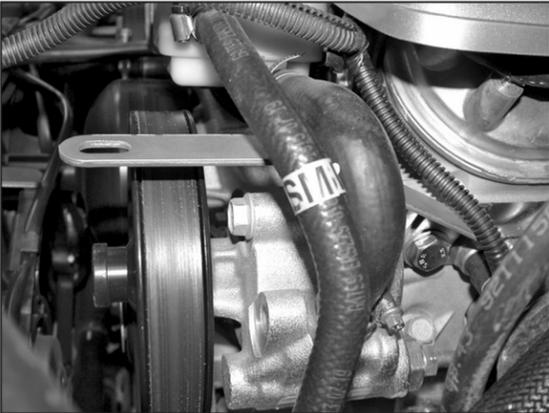
9. Reinstall the coolant reservoir onto the mounting studs as shown.



10. Lift up and pull out the air deflector from behind the head light.



11. Remove the inner air box mounting stud shown with a T-30 torx socket.



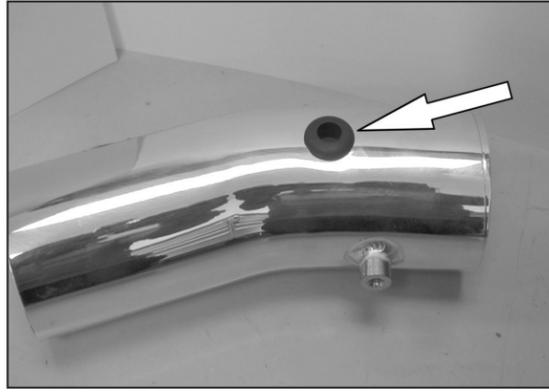
12. Install the tube bracket #010076 using the provided hardware.
NOTE: The 10mm mounting bolt threads into the threaded, unused hole in the cylinder next to coolant temperature sensor.



13. Install the silicone hose onto the throttle body and secure with the provided hose clamp.

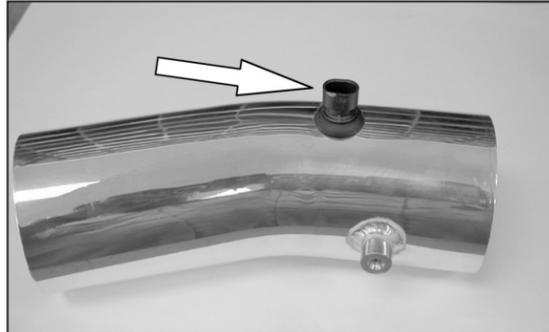


14. Remove the air temperature sensor from the stock intake tube.

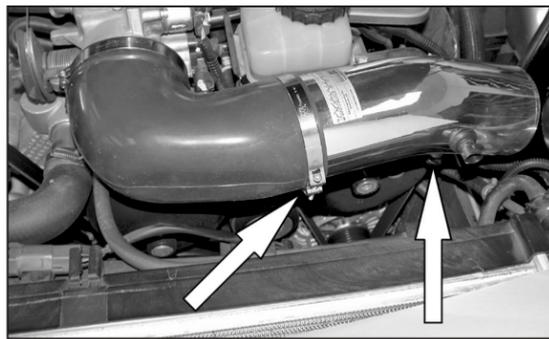


15. Install the provided rubber grommet into the K&N® intake tube as shown.

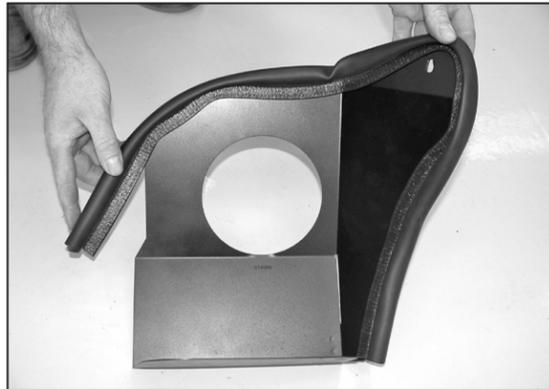
NOTE: Before installing the rubber grommet, inspect the inside of the tube for any debris, then clean the inside out with water and a towel. Inspect the tube one more time before proceeding to the next step.



16. Install the air temperature sensor from step #15 into the grommet in the K&N® intake tube as shown.



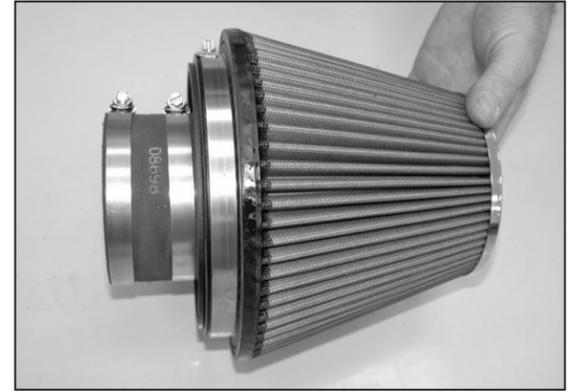
17. Install the K&N® intake tube onto the throttle body silicone hose and tighten hose clamp but not completely. Align the bracket installed in step #12 to the bung on the intake tube and tighten using the hardware provided.



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



19. Install the filter adapter into the K&N® filter as shown. Secure with the provided hose clamp.
NOTE: Drycharger® air filter wrap; part # 22-8049DK is available to purchase separately. To learn more about Drycharger® filter wraps or look up color availability please visit <http://www.knfilters.com>®.



20. Install the provided silicone hose (08698) onto the filter adapter and secure with the provided hose clamp as shown.



21. Make sure pressure is released from radiator cap before loosening spring clamp. Re-install the coolant reservoir back onto the two retaining studs, then, using a pair of pliers, loosen the spring clamp on the coolant reservoir hose. Rotate the coolant hose 90 degrees down as shown. Then resecure with the stock clamp.



22. Set the heat shield assembly onto the inner fender, then set the filter charger assembly between the heat shield and fender as shown.



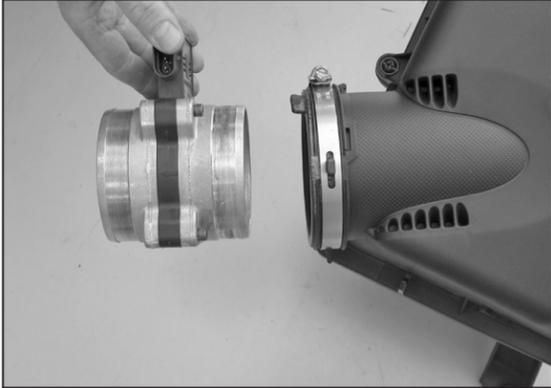
23. Secure the heat shield to the inner fender with the 6mm bolt provided.
NOTE: Thread the 6mm bolt into the hole vacated in step #11.



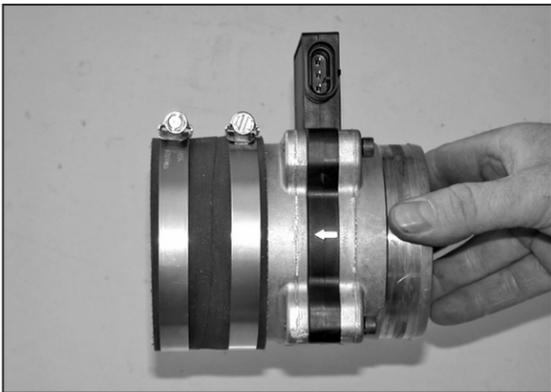
24. Install the threaded insert into inner fender as shown.



25. Install the heat shield bracket (#010077) onto the heat shield and inner fender and secure with the provided hardware.



26. Loosen the hose clamp that secures the mass air sensor to the factory air box, then remove the mass air sensor from the factory air box.

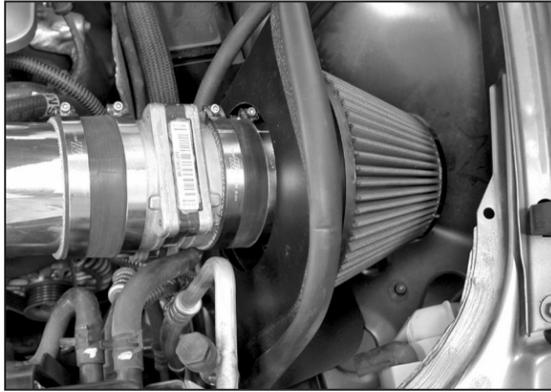


27. Install the silicone hose (#08698) onto the intake tube side of the mass air sensor and secure with the provided hose clamp.

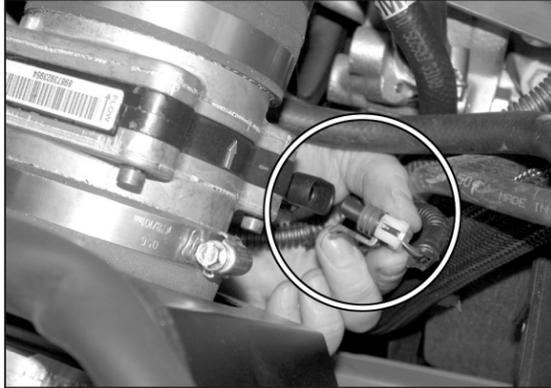
NOTE: There is an arrow on the side of the mass air sensor which shows direction of air flow through the sensor and points the intake tube side of the sensor.



28. Install the mass air sensor assembly onto the K&N® intake tube and secure with the provided hose clamp.



29. Install the filter charger assembly onto the K&N® intake tube and secure with the provided hose clamp.



30. Reconnect the mass air sensor electrical connection.



31. Reconnect the temperature sensor electrical connection.



32. Reinstall the radiator cover removed in step #3.



33. Reinstall the five radiator cover retaining clips removed in step #2.



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

35. 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.

36. 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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