



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

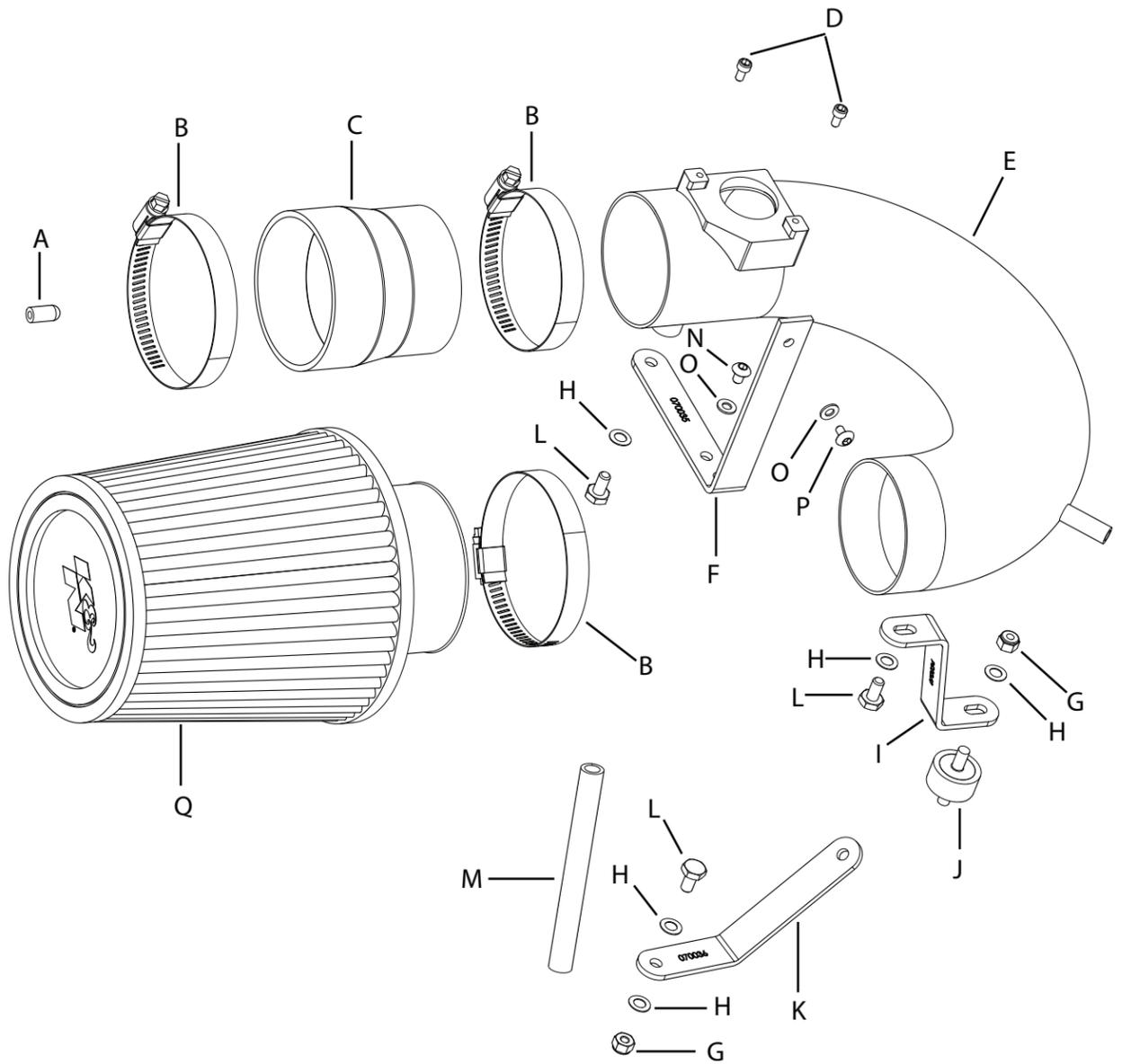
69-8522TS
TOYOTA
2000-04 Celica GT-S
L4-1.8L

TOOLS NEEDED:

- Phillips screwdriver
- Ratchet
- 10mm socket
- 2.5mm allen wrench
- 3mm allen wrench
- 4mm allen wrench
- Pliers

PARTS LIST

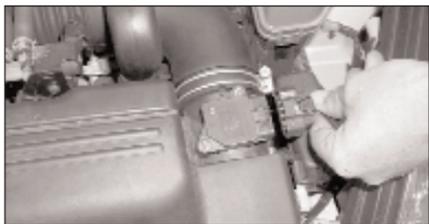
| Description | Qty. | P/N |
|---------------------------------|------|---------|
| A Rubber Cap | 1 | 08282 |
| B Hose Clamp, #44 | 3 | 08560 |
| C Silicone Step Hose, Black | 1 | 08096 |
| D 4mm Cap Head Screw, 8mm L. | 2 | 07733 |
| E Typhoon Intake Tube | 1 | 27095 |
| F "L" Bracket | 1 | 070035 |
| G 6mm Nylock Nut | 2 | 07512 |
| H 6mm Wave Washer | 5 | 08277 |
| I "Z" Bracket | 1 | 070034 |
| J Rubber Mounted Stud | 1 | 07027 |
| K Angled Bracket | 1 | 070036 |
| L 6mm Hex Bolt, 12mm L. | 3 | 07727 |
| M 8mm Silicone Hose, 4-1/2" L. | 1 | 08074 |
| N 5mm Button Head Screw, 8mm L. | 1 | 07740 |
| O 5mm Flat Washer | 2 | 08212 |
| P 4mm Button Head Screw, 8mm L. | 1 | 07741 |
| Q Air Filter | 1 | RU-4870 |



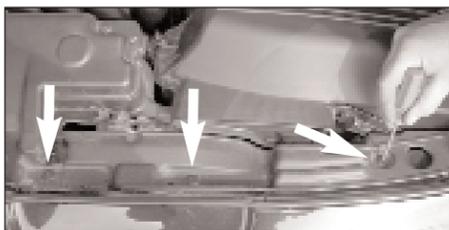
NOTE: FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS AND NOT USING THE PROVIDED HARDWARE MAY DAMAGE THE INTAKE TUBE, THROTTLE BODY AND ENGINE.

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. Depress the center pins on the push clips on the radiator core support cover as shown.



4. Remove the radiator core support cover as shown.



5. Loosen and remove the bolt on the radiator core support as shown.



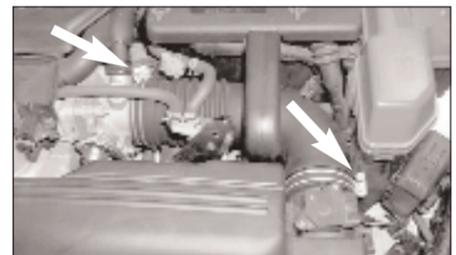
6. Unclip the PWM vacuum switching valve from the air cleaner assembly as shown.



7. Unclip the relay and fuse box as shown and move out of the way.



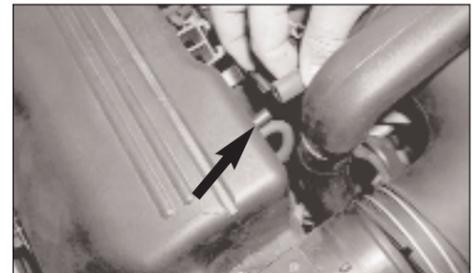
8. Loosen and remove the bolt that secures the air cleaner assembly to the inner fender as shown.



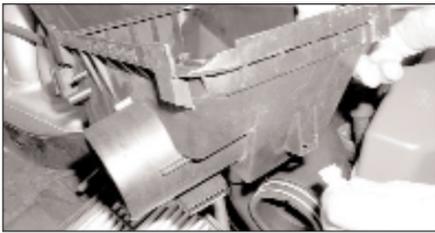
9. Loosen both hose clamps on the stock intake tube as shown.



10. Remove the stock intake tube from the air cleaner assembly as shown.



11. Remove the two vent hoses from the air cleaner assembly as shown.

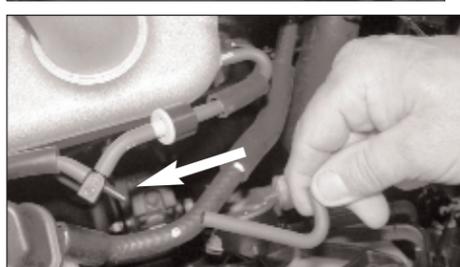


12. Detach the three clips from the upper air cleaner assembly, then lift up the upper air cleaner assembly as shown.

NOTE: Before removing the upper air cleaner assembly, unclip the mass air electrical connection from the upper air cleaner assembly as shown



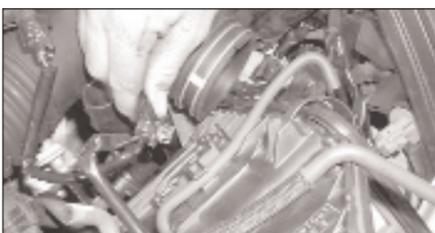
13. Remove the computer fresh air supply tube as shown.



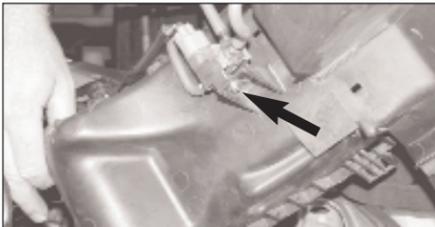
14. Disconnect the vacuum line from the intake manifold as shown.
NOTE: On '04 models, disconnect the vacuum line from "T" fitting as shown.



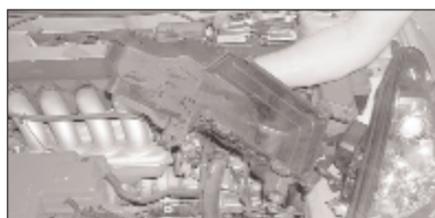
15. Loosen and remove the bolt that secures the EVAP OBD canister closed valve to the lower air cleaner assembly as shown.



16. Unclip the wire harness from the lower air cleaner assembly as shown.



17. Pull upwards on the lower air cleaner assembly, so the bottom of the assembly is visible, then loosen and remove the bolt that secures the vacuum switching valve to the underside of the lower air cleaner assembly as shown.



18. Remove the lower air cleaner assembly as shown.
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.

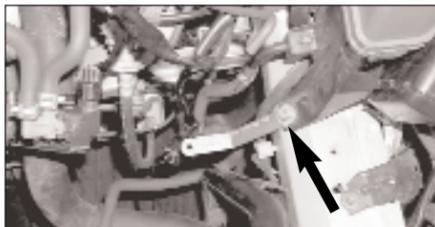


19. Remove the stock intake tube from the throttle body as shown.

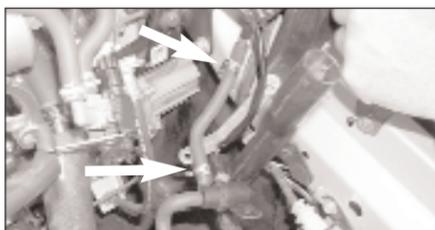
NOTE: You must release the push clip from the ear on the intake tube to remove.



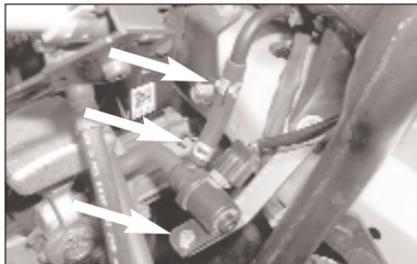
20. Loosen and remove the nut that secures the relay and fuse box to the inner fender as shown.



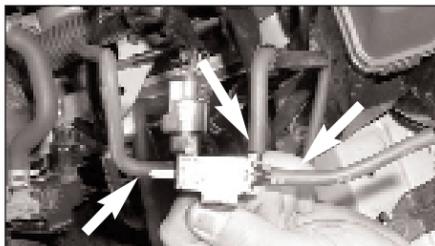
21. Using the nut removed in step 18 secure the angled bracket to the inner fender as shown.



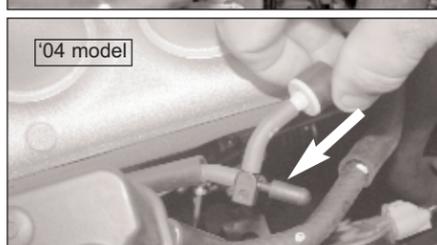
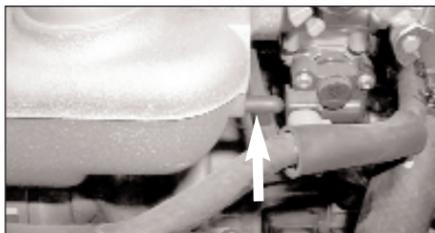
22. Slide the hose clamps back and remove the stock rubber hose from the EVAP OBD canister closed valve as shown.



23. Using the provided hardware, secure the EVAP OBD canister closed valve to the angled bracket as shown, then using the provided rubber hose and the hose clamps from step 20, reconnect the EVAP OBD canister closed valve as shown.

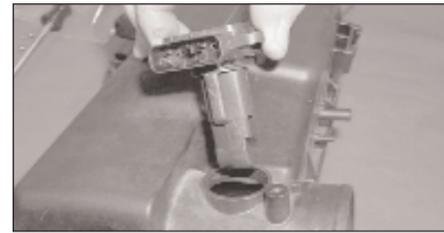


24. Remove the three stock rubber hoses from the vacuum switching valve as shown.



25. On '03 models, install the provided rubber cap plug onto the vacuum port on the manifold as shown.

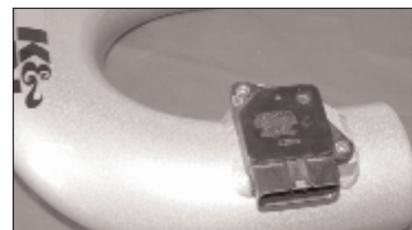
NOTE: On '04 models install the remaining plug onto the "T" fitting as shown.



26. Loosen and remove the screws that secure the mass air sensor, then remove the mass air sensor from the air cleaner assembly as shown.



27. Mount the vacuum switching valve from step 23 to the provided "L" bracket with the hardware provided.

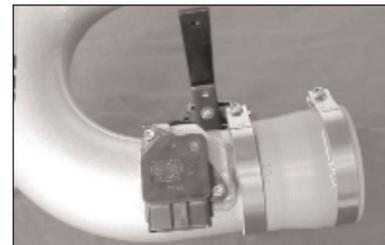


28. Install the mass air sensor into the intake tube and secure with the provided cap screws as shown.

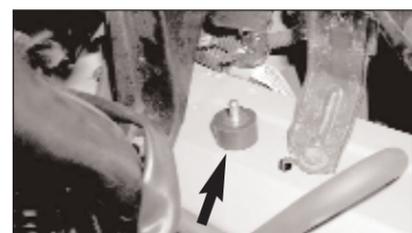
NOTE: Before installing the Mass air sensor, inspect the inside of the tube for any debris, then clean the inside out with water and a towel. Inspect the tube one more time before proceeding to the next step.



29. Install the "L" bracket onto the intake tube using the provided hardware as shown.



30. Install the silicone step hose and hose clamps onto the end of the intake tube, but do not tighten completely.



31. Install the provided rubber mounted stud into the original air cleaner mounting threaded hole as shown.



32. Install the "Z" bracket onto the rubber mounted stud using the provided hardware as shown.



33. Install the intake tube onto the throttle body as shown but do not completely tighten the hose clamps at this time.



34. Secure the "Z" bracket to the threaded boss on the tube with the provided hardware.



35. Reconnect the EVAP vent hose to the vent on the intake tube as shown.



36. Remove the stock bracket from the PWM vacuum switching valve as shown.



37. Mount the PWM vacuum switching valve onto the upper part of the "L" bracket using the provided hardware as shown.



38. Reconnect the vacuum switching valve electrical connection and vacuum lines that were disconnected in step 24.



39. Install the K&N® air filter onto the intake tube as shown. Position the tube for best fit and clearance, then tighten all bolts and hose clamps.

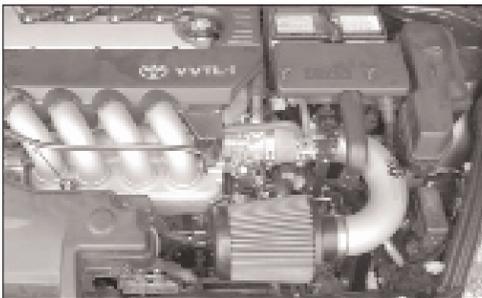


40. Reconnect the computer fresh air tube to the computer housing as shown.



41. Reclip the fuse and relay box to the stock mount as shown.

42. Reinstall the valance/cover onto the radiator core support.



43. Reconnect the mass air sensor and the negative battery cable, then double check to make sure everything is tight and properly positioned before starting the vehicle.

44. 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.

45. 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., suggests checking the air filter 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 99-5000 or 99-5050.

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