

INSTALLATION INSTRUCTIONS

77-9025

TOYOTA

2005-10 Tacoma

V6-4.0L

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

TOOLS NEEDED:

Ratchet
Extension
4mm Socket
10mm Socket
12mm Socket
13mm Socket
Phillips Screwdriver
2.5mm Allen
10mm Wrench

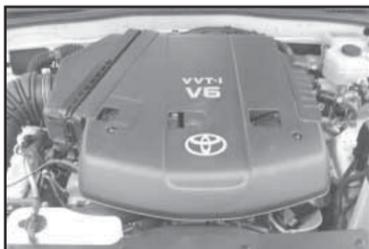
PARTS LIST:

Description	Qty.	Part #	Description	Qty.	Part #	Description	Qty.	Part #
A Hose Clamp #48	3	08601	J Hose; 3.0"ID to 3.5"IDx3.0"L, TPRD	1	084055	S Washer; 5/16"ID x 5/8"OD, Flat	2	08276
B Hose; 3.0"ID x 2.0"L, Blk.	1	08434	K Hose Clamp #56	1	08620	T Bolt; 6MM-1.00x25MM, Hex Head	1	07704
C Intake Tube	1	27415KP	L Edge Trim 44"	1	102486	U Spacer; .625"OD x .250"ID x .250"L	1	06555
D Hose; 4MM x 18"L, Blk. Silicone	1	08153	M Heat Shield	1	074039	V Filter Adapter #380	1	21512
E Bolt; M4-.7x12MM, Bttn. Head Allen	2	07726	N Bracket; Large "L"	2	07159	W Hose Clamp #104	1	08697
F Bolt; 6MM-1.00 x 16MM, Hex Head	6	07703	O Bracket; Small "L"	1	070812	X Air Filter	1	RF-1048
G Washer; 1/4"ID Split Lock	2	08198	P Nut; 6MM Nylock	5	07553	Y Washer; 8MM, Flat, SS	1	08272
H Washer; 1/4"ID x 5/8" Flat	12	08275	Q Bolt; 8MM-1.25 x 16MM Hex Head	2	07702	Z Nut; 8MM Nylock, SS	1	07502
I Bracket "Z"	1	010099	R Washer; 8MM Wave	2	08239			

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.



2. Loosen the two nuts that secure the engine cover, then remove the engine cover.



3. Loosen the hose clamps at the air box and resonator.

NOTE: On 2008 and later model vehicles, please skip to step #6.



4. Pull wire harness clip up to release from intake tube.



5. Remove intake tube from vehicle as shown.

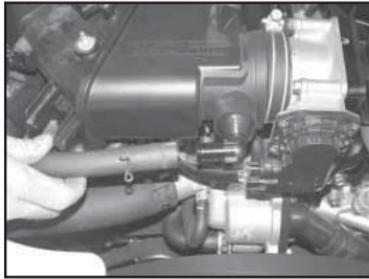


6. Remove two bolts that secure resonator to inner fender, then remove resonator from vehicle as shown.

NOTE: On 2008 and later model vehicles, the intake tube will be attached to the resonator chamber.



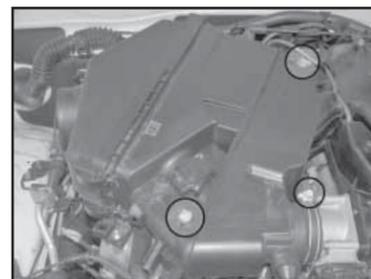
7. Disconnect the two mass air wire harnesses retaining clips from air box, then disconnect the mass air sensor electrical connection.



8. Remove crank case vent hose from air box as shown.



9. Remove fuel pressure regulator hose from back side of air box.

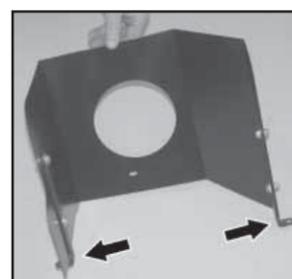


10. Loosen the hose clamp at throttle body, then remove the two bolts that secure air box to engine.



11. Remove air box assembly from engine as shown.

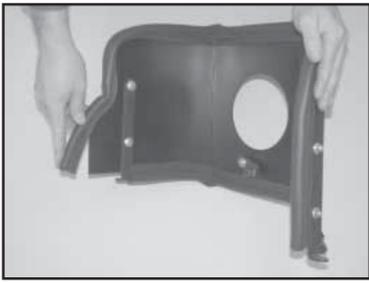
NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.



12. Install the two heat shield brackets (07159) onto the heat shield as shown with the provided hardware.



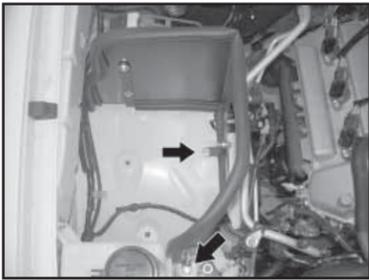
13. Install the small heat shield mounting bracket (070812) with provided spacer onto the heat shield as shown.



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



15. Remove the ABS pump mounting nut shown. **NOTE: This nut will be reused. Some vehicles may not be equipped with the ABS pump.**



16. Install the heat shield onto the vehicle and secure with the provided hardware and the nut removed in step #15.

NOTE: On vehicles not equipped with ABS, secure the heat shield to the factory stud using the provided nut and washer.



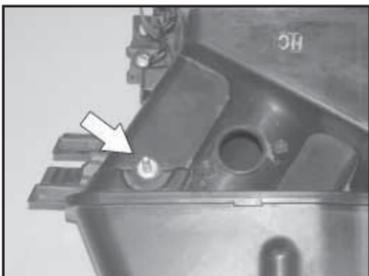
17. Install the silicone hose (08434) onto the throttle body with the provided hose clamps as shown.



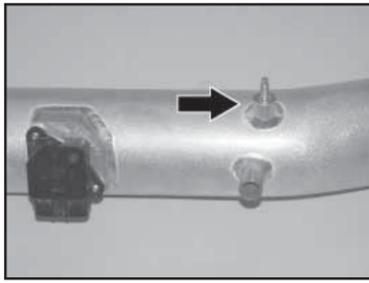
18. Remove the two screws that secure the mass air sensor to the air box assembly, then remove the mass air sensor as shown.



19. Install the mass air sensor into the K&N® intake tube as shown using the provided hardware.



20. Using 4mm socket, remove the engine cover-mounting stud from the stock air box.

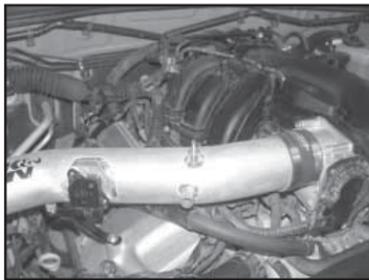


21. Install the engine cover-mounting stud into the K&N® intake tube as shown.

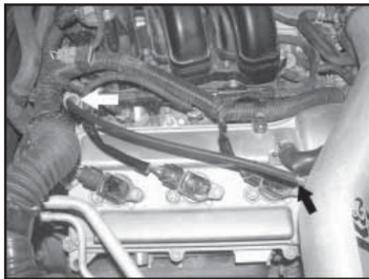


22. Install the provided tube-mounting bracket onto the K&N® intake tube with the provided hardware as shown.

NOTE: Do not tighten completely at this time.



23. Install the K&N® intake tube assembly onto the throttle body and align the tube-mounting bracket with the threaded boss on the valve cover. Then secure with the provided hardware as shown.



24. Remove the stock vacuum hose from fuel pressure regulator, then install provided silicone hose to fuel pressure regulator and then onto the K&N® intake tube.



25. Install the original crank case vent hose onto the valve cover, then connect the crank case vent hose onto the K&N® intake tube.



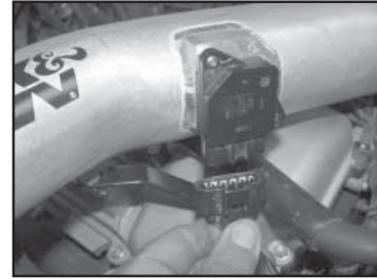
26. Install the radius filter adapter into the air filter and secure with the provided hardware as shown.



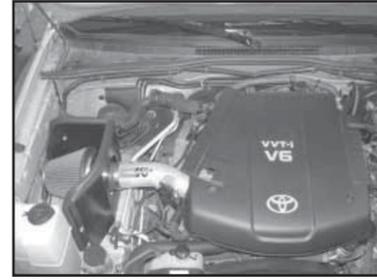
27. Install the provided silicone hose (084055) onto the air filter assembly and secure with the provided hose clamp as shown.



28. Install the K&N® air filter onto the intake tube as shown.



29. Reconnect the mass air sensor electrical connections.



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

31. 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 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.