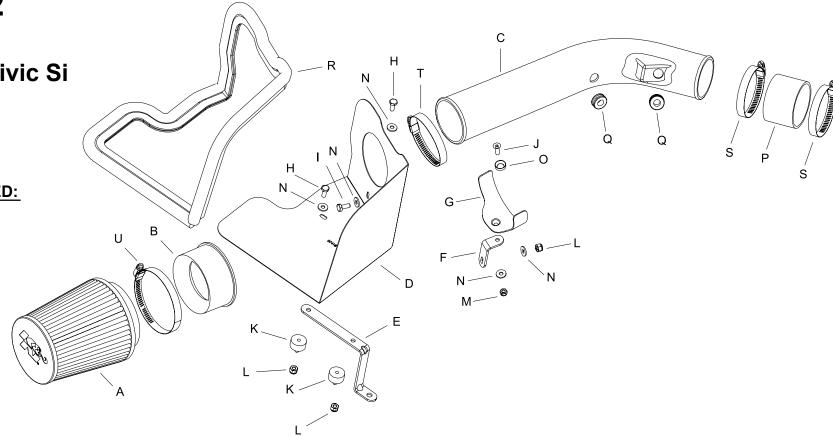


## **INSTALLATION INSTRUCTIONS**



#### **TOOLS NEEDED:**

Flat Blade Screwdriver Phillips Screwdriver Ratchet Socket Extension 7/16" Socket 10mm Socket 12mm Socket 4mm Allen Wrench 7/16" Wrench 10mm Wrench



#### PARTS LIST:

	Description	Qty.	Part #		Description	Qty.	Part #		Description	Qty.	Part #		Description	Qty.	Part #
Α	Filtercharger element	1	RC-4550	F	"L" bracket	1	08022	K	Rubber MNTD stud	2	08011	Р	Silicone hose	1	08756
В	Adapter	1	21561	G	Saddle	1	078855	L	1/4-20 nylock nut	3	07517	Q	Grommet	2	08100
С	Intake tube	1	08778	Н	1/4-20 x 1/2" hexhead	2	08317	М	6mm nylock nut	1	07553	R	Trim seal 46"L	1	102487
D	Heat shield	1	07418	1	1/4-20 x 3/4" hexhead	1	08386	Ν	Flat washer	5	08275	S	Hose clamp #44	2	08577
E	"Z" bracket	1	070852	J	6mm-1.00 x 20mm	1	08376	0	Conical washer	1	08180	Т	Hose clamp #48	1	08601
												U	Hose clamp #64	1	08648

# 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 air temperature sensor electrical connection.



3. Remove the crankcase vent hardline from the stock intake tube.



4. Loosen the hose clamp on the intake tube at the throttle body.



5. Loosen and remove the two bolts that retain the airbox.



6. Detach the intake tube from the throttle body, pull upward firmly on the airbox to release it from it's retaining grommet and remove the entire air intake assembly.

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



7. Insert the two grommets provided into the holes in the  $K\&N^{\otimes}$  intake tube.



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



9. Insert the air temperature sensor into the grommet as shown.

# Continued

# **INSTALLATION INSTRUCTIONS**



10. Assemble the saddle and "L" bracket using the hardware provided.



11. Install the trim seal onto the heat shield as shown.



12. Attach the saddle bracket assembly to the heat shield using the hardware provided.

NOTE: Do not tighten completely at this time.



13. Attach the rubber mounted studs to the "Z" bracket using the hardware provided.



14. Loosen and remove the bolt that retains the transmission hanger to the transmission.



15. Attach the "Z" bracket to the transmission hanger using the bolt removed in the previous step.

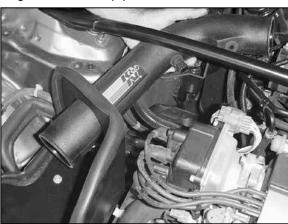


16. Attach the heat shield to the rubber mounted studs on the "Z" bracket using the hardware

NOTES: Do not tighten completely at this time.



17. Attach the silicone hose to the throttle body using the hose clamp provided.



18. Install the K&N® intake tube, feeding the straight end through the hole in the heat shield.

19. Install the radiused end of the intake tube into the silicone hose at the throttle body and tighten the hose clamp.



20. Secure the saddle bracket to the intake tube using the hose clamp provided.



21. Insert the crankcase vent hardline into the grommet in the K&N® intake tube.



22. Install the adapter onto the K&N® intake tube.



23. Install the Filtercharger element and tighten hose clamp.

- 24. Reconnect the air temperature sensor electrical connection.
- 25. Reconnect the vehicle's negative battery cable. Double check to make sure everything is tight and properly positioned before starting the vehicle.
- 26. 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
- 27. 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.