

If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.

### 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. Remove the oil fill cap and then remove the decorative engine cover. Reinstall the oil cap to prevent debris from entering the engine.

3. Disconnect the mass air sensor electrical connection.



3A. On vehicles equipped with a sound drum, disconnect the sound tube from the drum and cap off the drum with the provided caplug.

4. Disconnect the crank case vent hose from the intake plenum and valve cover and then remove the hose from the vehicle.



5. Loosen the hose clamps securing the intake plenum to the throttle body and to the mass air sensor then remove the plenum from the vehicle. **NOTE: K&N Engineering, Inc., recommends that customers do not discard factory air intake.** 

## Continued

# **INSTALLATION INSTRUCTIONS**



6. Release the five retaining clips and then remove the upper air box assembly.



7. Replace the air filter with the provided K&N<sup>®</sup> performance air filter and reinstall the upper air box assembly. Secure the upper air box assembly with the five factory retaining clips.



8. Install the provided coupling hose (08618) onto the mass air sensor and secure with the provided hose clamp.



9. Install the provided hump coupler hose (08418) onto the throttle body and secure with the provided have alarm



11. Install the K&N<sup>®</sup> intake tube into the coupling hose at the mass air sensor and then into the hose at the throttle body. Adjust the tube for proper fit and then secure with the provided hose clamps.



12. Connect the provided crank case vent hose to the fitting installed into the  $K\&N^{\otimes}$  intake tube and then connect the open end to the port on the valve cover.



13. Reconnect the mass air sensor electrical connection.



14. Reinstall the decorative engine cover.



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

16. 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.

17. It will be necessary for all K&N<sup>®</sup> 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.

nose clamp.



10. Install the provided vent fitting into the K&N<sup>®</sup> intake tube as shown.

NOTE: Plastic NPT fittings are easy to cross thread. Install the vent fitting "hand" tight, then turn it two complete turns with a wrench. INTAKE SYSTEMS FOR VEHICLES LISTED ARE 50 STATE LEGAL. SEE KNFILTERS.COM FOR CARB STATUS ON EACH PART FOR A SPECIFIC VEHICLE.

\* FREE K&N<sup>®</sup> decal To register your warranty, please see us online at knfilters.com/register. FREE K&N<sup>®</sup> decal \*

• 1455 CITRUS ST., P.O. BOX 1329, RIVERSIDE, CA., U.S.A. 92502 • TECH SERVICE 800-858-3333 • FAX 951-826-4001 • e-mail: tech@knfilters.com<sup>®</sup> • WWW: http://www.knfilters.com<sup>®</sup>