# Air Filter Service Instructions

## 1. Pre-Cleaning
Tap the element to dislodge any large embedded dirt, then gently brush with a soft bristle brush. (Note: If complete cleaning is not practical at this time, re-oil the element and re-install in your vehicle.)

## 2. Spray On Cleaner
Spray K&N air filter cleaner liberally onto the entire element and let soak for 10 minutes.

## 3. Pan Cleaning
Large K&N elements can be rolled or soaked in a shallow pan of K&N air filter cleaner. Remove immediately and let soak for approximately 10 minutes.

## 4. Cleaning Hints
- Use only K&N air filter cleaner.
- No gasoline cleaning.
- No steam cleaning.
- No caustic cleaning solutions.
- No strong detergents.
- No high-pressure car wash.
- No parts cleaning solvents.

Any of these NO's can cause harm to the gauze filter media, plus shrink and harden the rubber end caps.

## 5. Rinse Off
Rinse off the element with low pressure water. Tap water is OK. Always flush from the clean side to dirty side. This removes the dirt and does not drive it into the filter.

## 6. Drying Hints
Always dry naturally. After rinsing, shake off all excess water and let the element dry naturally.

- Do not use compressed air.
- Do not use open flame.
- Do not use heat dryers.
- Excess heat will shrink the cotton filter media.
- Compressed air will blow holes in the element.

## 7. Squeeze Bottle Oiling
After cleaning air filter always re-oil before using. Squeeze K&N air filter oil down into the bottom and along each pleat—only one pass per pleat. Let oil wick into cotton for 20 minutes. Re-oil any white spots still showing.

## 8. Oiling Hints
Never use a K&N air filter without oiling. The filter will not stop the dirt without the oil.

Use only K&N formulated air filter oil.

K&N air filter oil is a compound of mineral and animal oil blended with a special polymers to form a very efficient tack barrier. Red dye is added to show just where you have applied the oil. Eventually the red color will fade but the oil will remain and filter the air.

Never use Automatic Transmission Fluid
Never use Motor Oil
Never use Diesel Fuel
Never use WD-40, LPS, or other light weight oils.

## 9. Reinstall
Re-install your K&N air filter element with proper care. Make sure the element seats properly in the filter case. Install the cover making sure it's in the right position. Tighten all the nuts, bolts, screws or clips to factory specifications.

## 10. Do Not Discard
Affix the "Do Not Discard" sticker to the filter case (included with every K&N replacement element). Make sure you put the sticker in a highly visible place to alert your mechanic not to discard.

## 11. Performance Hints
Service every 50,000-100,000 miles on street driven applications. Service more often in off-road or heavy duty conditions or when air filter reaches 10% of restrictions. Let the dirt "build-up" work for you; it will not hurt the performance and actually help filter the air.

Caution

Extreme fine dust, agriculture or off-road use, will pull the oil from the element. Frequent re-oiling of the element's clean side might be required. Completely service when practical. For extra protection use K&N sealing grease on rubber ends of the element. Service only with K&N air filter cleaner and K&N air filter oil.
WARNING: SPECIAL OFF-ROAD INSTRUCTIONS

Pre-Oiled: This K&N air filter has been pre-oiled for normal street use.

Off-road: When used in heavy dust conditions, off-road racing/riding, agriculture, earth moving or industrial, the filter element must have an additional application of K&N oil applied to it before installation.

Secret of Efficiency: Proper oiling is the only way to stop dirt with an oil impingement type of air filter, K&N cotton gauze or foam.


No Dry Filter: Keep the K&N filter well oiled and never let it dry out! Certain types of dry powder dirt will actually wick, (pull out), the oil from the filter.

Field Service: When cleaning is not practical, you can renew the efficiency of the filter by applying the K&N oil onto the clean side of the element.

Full Service: When time permits, service with K&N cleaner, never use gasoline or solvents. Re-oil for off-road use with K&N air filter oil.

Responsibility: K&N will not be held liable for incorrect service or use of air filter oil other than K&N.

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