



AIR FILTER SERVICE INSTRUCTIONS

Service Intervals

The service interval of a K&N air filter varies depending on the conditions that it is subjected to. It is recommended to inspect the filter at every oil change and to service the filter at least once a year unless conditions necessitate servicing it sooner or when indicated by your air filter restriction gauge (if one is available).

1. Apply Cleaner

FOLLOW ALL SAFETY PRECAUTIONS ON THE K&N AIR FILTER CLEANER BOTTLE. IT IS RECOMMENDED TO UTILIZE K&N'S 32oz PUMP SPRAY CLEANER (P/N 99-0621) WHEN SERVICING LARGE OR DIESEL APPLICATION K&N AIR FILTERS.

Spray K&N Air Filter Cleaner onto both sides of filter media until it completely saturates the pleated material.

- a. Apply K&N air filter cleaner to clean side of filter. (see figures 1, 2, & 3)
- b. Apply K&N air filter cleaner to dirty side of filter. (see figures 4, 5, & 6)

Allow cleaner to soak into both sides of filter media for 10 minutes to loosen the dirt. Do not let the cleaner dry on the filter.

THE USE OF ANY OTHER CLEANING SOLUTIONS OR METHODS COULD DAMAGE THE FILTER!

3. Dry



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

2. Rinse

Rinse off the filter media with cool low-pressure water. Allow gravity to push dirt out of the filter media by applying water to the clean side of the filter, up and down the length of the pleats. (see figures 7, 8, & 9)

Completely rinse the filter until all traces of cleaner are gone. If the filter is very dirty it may be necessary to repeat steps 1 and 2. If there are spots of dirt remaining on the filter, spray each spot directly with cleaner, allow a few minutes for it to soak and re-rinse as per above. It is not imperative that every little piece of dirt is removed from the filter's surface. The filter's performance will not be affected by small pieces of debris left over. In fact, the filter media could be damaged by trying to remove stubborn particles by any method other than the ones outlined above.

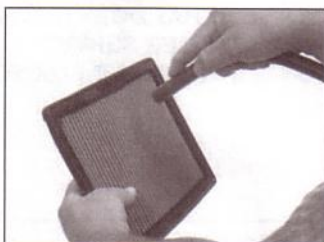


Fig. 7



Fig. 8



Fig. 9

After rinsing, gently shake off excess water and inspect the filter for damage. Check for damaged sealing surfaces, bent pleats, holes in the material, broken screen wires or any other problems that might affect the function of the air filter. Do not use a filter that is damaged. Allow the filter to air dry naturally. Do not proceed to the oiling step until the filter is completely dry.

THE USE OF ANY OTHER DRYING METHODS COULD DAMAGE THE FILTER.

4. Oiling

USE ONLY K&N AIR FILTER OIL. DO NOT OVER-OIL AIR FILTER.

Over-oiling may interfere with the proper performance of the engine and/or certain engine components. If there is oil draining or dripping from the filter after sitting 20 minutes the filter must be serviced again starting at step 1. It is better to apply several lighter coats of oil than 1 or 2 heavy ones. Refer to oil amount listed on original air filter package (top side label) or K&N website @ <http://www.knfilter.com>.

Apply K&N air filter oil sparingly to the dirty side of the filter only. This will allow for a visual reference of complete coverage.

- a. If using a K&N squeeze bottle, squeeze a bead of oil along the crown of each pleat using the lip on the squeeze bottle tip as a guide. Utilize graduated view strip on bottle to dispense proper amount of oil.
- b. If using a K&N aerosol spray, spray an even amount of oil along the crown of each pleat.

Wait 20 minutes for the oil to be absorbed into the filter media. Inspect the clean side of the filter for any areas that are lighter in color. Touch up these areas in the media by applying oil to the dirty side of the filter as before. Continue with above oiling procedures until there is an even pink color over the entire surface of the media (both clean and dirty side). (see figures 10, 11, 12, 13, 14, & 15)

THE USE OF ANY OTHER OIL OR METHODS COULD DAMAGE THE FILTER!



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15

5. Filter installation

Before installing the filter back into the vehicle inspect it again for damage. Pay particular attention to the sealing surfaces and/or gaskets. Do not use a filter that has a compromised seal. K&N sealing grease should be applied to the sealing surface of the filter when it will be used in very dusty conditions. Follow any and all specific installation instructions that came with the K&N air filter.

FAILURE TO FOLLOW THE K&N INSTALLATION INSTRUCTIONS COULD LEAD TO A FILTER THAT DOES NOT SEAL PROPERLY AND DAMAGE TO THE ENGINE COULD RESULT! PLEASE CALL THE K&N CUSTOMER SERVICE DEPARTMENT AT 1-951-826-4000 IF YOU DO NOT KNOW THE SPECIAL INSTALLATION INSTRUCTIONS FOR YOUR APPLICATION.