AIR FILTER CLEANING INSTRUCTIONS

STEP 1: APPLY CLEANER
Liberally spray K&N® air filter cleaner or K&N® Power Kleen® onto both sides of filter and allow to soak for 10 minutes to loosen the dirt. Do not allow cleaner to dry on air filter.

STEP 2: RINSE FILTER
Rinse off air filter with cool low-pressure water from the clean side out in order to flush the dirt out of the filter. Continue to rinse the filter until all traces of cleaner are gone. It may be necessary to repeat steps 1 and 2.

STEP 3: DRY FILTER
After rinsing, gently shake off excess water and allow air filter to dry naturally. Do not oil until the filter is dry.

STEP 4: OIL FILTER

SQUEEZE OIL (99-5050): Apply K&N® air filter oil evenly along the crown of each filter pleat. Allow oil to wick for approximately 20 minutes. Touch up any light areas on either side of the filter until there is a uniform red color on all areas.

AEROSOL OIL (99-5000): Spray K&N® air filter oil evenly along the crown of each filter pleat holding nozzle about 3 inches away. Allow oil to wick for approximately 20 minutes. Touch up any light areas on either side of the filter until there is a uniform red color on all areas.

The above process is the only approved procedure for maintaining your oiled cotton K&N® air filter. Visit knfilters.com for additional information on cleaning and re-oiling your filter and examples of a dirty filter needing to be serviced.

K&N ENGINEERING, INC.
1455 Citrus Street  P.O. Box 1329
Riverside, CA 92507  Riverside, CA 92502-1329
PHONE: 800-858-3333  FAX: 951-826-4001
K&N® has been manufacturing High-Flow Air Filters™ in Riverside, Calif., since 1969. K&N® High-Flow Air Filters™ use multiple layers of cotton gauze placed between bonded aluminum wire screens. Within each air filter, thousands of microscopic cotton threads absorb specially formulated air filter oil to create a powerful filtering media. This media helps protect your engine from harmful contaminants and debris, while increasing airflow. This can allow your engine to breathe easier, increasing both horsepower and acceleration.

As the world leader of performance air filters, it is important to also be a leader in testing air filtration products. K&N® strives to provide a proven filtration system through our in-house test facilities. We believe our filter media provides the proper balance of airflow, protection, and durability.

**HIGH-FLOW AIR FILTERS™ SINCE 1969**

K&N® oiled cotton media provides a balance between airflow, capacity, and efficiency.

**THE LEADER IN HIGH-FLOW AIR FILTERS™**

Comparative airflow testing verifies high flow rates and low restriction.

K&N® dyno tests for horsepower and torque data.

Multiple layers of premium cotton gauze provide protection for your valuable engine.

In-house design, tooling and production ensures high quality and consistency.

Climate controlled laboratory where testing is performed using ISO 5011 procedures.

Dust capacity and retention are K&N® priorities for long life and increased service intervals.
K&N® delivers the same high-flow technology in every filter we manufacture. Headquartered in Riverside, California, K&N® Engineering, Inc. has been the world leader in performance filter technology since 1969. Creating a high-flow, washable and reusable air filter put K&N® on the map.

One-piece seamless sealing bead ensures a precise fit.

- Custom molded, application-specific air filter frame allows for easy installation (where applicable)
- Thousands of microscopic cotton threads absorb special air filter oil, creating a powerful filter media
- Pleated design provides a large surface area for high dirt capacity and long service intervals
- Epoxy coated aluminum screen mesh protects filter media
K&N® PERFORMANCE OIL FILTERS

K&N® delivers a premium oil filter built to withstand the high demands of racing conditions. Our oil filters are designed with a high-flow synthetic media that is engineered to provide high flow rates and outstanding filtration. They are ideal for use with premium synthetic and traditional oils. In order to ease maintenance, a 17mm nut has been welded to the top to allow for easy removal, especially in tight, hard to reach spaces. A heavy duty canister provides a high-burst strength while also adding extra protection from debris and rocks in off-road environments.

- Premium synthetic media provides outstanding filtration while allowing for high-flow rates
- Heavy duty baseplate with leakproof double-rolled seal
- Anti-drainback valve prevents dry starts*
- Pre-lubed base seal or gasket* for easy no-mess installation
- 17mm wrench nut eases removal*
- Synthetic media for high flow rates
- Pre-drilled for safety wire attachment*
- Pre-lubed base seal for quick installation*

WRENCH-OFF PERFORMANCE OIL FILTERS

Welded 17mm hex nut for easy wrench-off® removal*
- Pre-drilled for safety-wire attachment during racing
- Heavy duty canister construction
  - Most available in black or chrome finish
- Part number specific bypass/pressure relief valve*

ALSO AVAILABLE:
Cartridge-style oil filters with high-flow synthetic media

* (where applicable)
HIGH-FLOW AIR FILTERS™
- Designed to increase horsepower
- Pleated media provides a large filtration area, delivering high capacity and long service intervals
- Specifically designed to fit into your OE air filter assembly
- Fuel-management modifications not normally required
- Pre-oiled and ready to ride

AIRCHARGER® INTAKE SYSTEMS*
- Guaranteed to increase horsepower
- Mandrel bent aluminum intake tube
- Includes complete breather assembly, throttle-body mounting plate and necessary hardware
- Hand-built in the USA with an aggressive appearance

STREET METAL™ INTAKE SYSTEMS*
- Guaranteed to increase horsepower
- Aluminum backing plate with integrated velocity stack
- Integrated internal breather system
- High quality aluminum cover for a custom look

RK SERIES INTAKE SYSTEMS**
- Guaranteed to increase horsepower
- Oversized backing plate with bolted-in velocity stack
- Integrated internal breather system
- Fits neatly behind the OE cover for stock appearance

* NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.
See knfilters.com for CARB status on each part for a specific vehicle

** SOME INTAKE SYSTEMS ARE NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.
See knfilters.com for CARB status on each part for a specific vehicle

KNFILTERS.COM 1-800-858-3333
CRUISER / TOURING

HIGH-FLOW AIR FILTERS™
• Designed to increase horsepower
• Pleated media provides a large filtration area, delivering high capacity and long service intervals
• Specifically designed to fit into your stock air filter assembly
• Fuel management modifications not normally required
• Pre-oiled and ready to ride

RK SERIES INTAKE SYSTEMS*
• Oversized K&N® original High-Flow Air Filter™
• Custom billet aluminum covers
• Solid-mounting oversized backing plate*
• Integrated dyno-tuned velocity stacks*
• Spacers and mounting hardware included

* SOME INTAKE SYSTEMS ARE NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES. See knfilters.com for CARB status on each part for a specific vehicle.
**PERFORMANCE SPORTBIKE**

**HIGH-FLOW AIR FILTERS™**
- Designed to increase horsepower
- Pleated media provides a large filtration area, delivering high capacity and long service intervals
- Fits directly into your stock air box without modifications
- Fuel management modifications not normally required
- Pre-oiled and ready to ride

**RACE-SPEC HIGH-FLOW AIR FILTERS™**
- Purpose built racing air filters for popular sportbike applications
- Fewer pleats and two-ply cotton media for increased airflow over a standard K&N® High-Flow Air Filter™
- Designed to increase horsepower and acceleration for the racetrack
- Washable/reusable and will fit directly inside your stock air box

Fuel management modifications will be necessary. Designed for closed-course competition use only. Covered by the K&N® One-Year Limited Warranty

LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED, REGISTERED OR LICENSED FOR USE UPON A HIGHWAY.

See knfilters.com for CARB status on each part for a specific vehicle

**KNFILTERS.COM 1-800-858-3333**
K&N® air filters were originally pleated to increase surface area and capacity for harsh desert conditions. Over 40 years later, this same filter design continues to provide high airflow while increasing performance and capacity.

- Designed to increase horsepower
- Pleated media offers a large surface area and high capacity for extreme conditions
- Two-piece design eases air filter installation and removal*
- Integrated tongue-and-groove top seal*
- Most include a tri-star injection molded top*
- Custom base seal ensures a precise and secure fit
- Washable/reusable, pre-oiled, and ready to race
- Covered by the K&N® One-Year Limited Warranty

XSTREAM® SERIES MX AIR FILTERS

MOTOCROSS / OFF-ROAD

OFFICIAL AIR AND OIL FILTER OF:

*Where applicable

ATV / UTV / SIDE X SIDE

HIGH-FLOW AIR FILTERS™
- Designed to increase horsepower
- Pleated media provides a large filtration area, delivering high capacity and long service intervals
- Custom base seal ensures a precise and secure fit
- Washable/reusable, pre-oiled, and ready to race
- Covered by the K&N® One-Year Limited Warranty

ATV XSTREAM® POWERLID®
Developed for long distance desert racing to provide increased airflow and capacity on your Sport ATV.
- Directly replaces stock air box lid

AIRCHARGER® INTAKE SYSTEMS*
- Guaranteed to increase horsepower
- Completely replaces the OE air box assembly
- K&N® “XD” High-Flow Air Filter™ for high capacity and efficiency
- Mandrel bent intake tube(s)† offer low restriction
- Powder coated air box/heat shield protects from the elements†
- K&N® Drycharger® available for extended service intervals

†Where applicable

*NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.
See knfilters.com for CARB status on each part for a specific vehicle
K&N® intake systems offer one of the best values in performance per dollar and are designed to provide a horsepower increase that you can actually feel. Every system is developed and dyno-tested to increase horsepower and we guarantee it!

- Improved throttle response
- Better engine sound
- Washable/reusable high-flow cotton air filter
- Won’t void factory warranty
- K&N® 10-Year/Million Mile Limited Warranty

AVAILABLE FOR CARS AND TRUCKS

HEAVY DUTY WASHABLE AIR FILTERS

- Designed to improve horsepower
- Washable synthetic filter media
- Easy to clean - uses no oil
- Specially designed for commercial turbo diesel engines
- 3-Year/300,000 Mile Limited Warranty

SOME INTAKE SYSTEMS ARE NOT LEGAL FOR SALE OR USE ON ANY POLLUTION CONTROLLED MOTOR VEHICLE IN CALIFORNIA OR STATES ADOPTING CALIFORNIA EMISSION PROCEDURES.

See knfilters.com for CARB status on each part for a specific vehicle
AUTOMOTIVE FILTRATION

HIGH-FLOW AIR FILTERS™
- Designed to Increase Horsepower with up to 50% More Airflow
- Washable and Reusable
- High-flow Cotton Filter Media
- Clean Every 50,000 Miles
  (under normal highway driving conditions)
- 10-Year/Million Mile Limited Warranty

WASHABLE CABIN AIR FILTERS
- Cleans and Freshens Incoming Air
- Helps Control Odors
- Helps Capture Most Mold, Mildew, Fungus, Spores, Bacteria, Germs, Pollen and Allergens
- Electrostatically Charged to Hold Dirt and Dust
- Factory Fit - Pre-Treated and Ready to Install
- Easy to Clean and Reuse

WRENCH-OFF® OIL FILTERS
- Welded 1” filter nut eases removal
- High flow and high filtration
- Designed to be compatible with synthetic motor oils
- Heavy duty canister construction
- K&N® Limited Warranty
SPECIALTY / ACCESSORIES

**UNIVERSAL AIR FILTERS***
- Constructed with ultra-strong, pliable, molded rubber flanges which help to absorb vibration and allow for secure attachment
- Flange can be stretched up to 1/16" (1.5mm) to fit in-between sizes
- K&N® One-Year Limited Warranty

**CRANKCASE VENT FILTERS***
- Applications available with steel or rubber bases, and rubber or chrome tops — Some available with mounting studs for remote mounting
- Many different styles and sizes available

**AIR FILTER WRAPS**
- Precharger® filter wraps are designed to help stop small dirt particles with minimal restriction to the airflow of the filter
- Drycharger® filter wraps are exactly like the Precharger® wraps with the exception that they are pre-treated to prevent splashes of water or mud from saturating your K&N® air filter
- Red foam pre-cleaners are designed to be used with foam filter oil (purchased locally), pre-cleaners must be cleaned with K&N® cleaner or soap and water
- Available in universal or part-specific sizes

LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES WHICH MAY NEVER BE USED, REGISTERED OR LICENSED FOR USE UPON A HIGHWAY.

See knfilters.com for CARB status on each part for a specific vehicle
K&N® Recharger® kits are designed for cleaning and re-oiling K&N® cotton gauze air filters. They restore airflow efficiency so your air filter performs virtually like new!
- Available with aerosol oil (#99-5000) or squeeze bottle oil (99-5050)

K&N® Power Kleen™ is the only cleaner recommended to clean K&N® air filter elements. This high-performance cleaner and degreaser is also used to remove oil, lubricants, grease, grime, and other deposits from most surfaces.
- Great at cleaning troublesome cleaning jobs
- Use on cotton air filters, painted surfaces, chrome, plastic and more!
- Available in 12oz bottle, 32oz bottle, or 1 gallon with sprayer or 5 gallon pail

Specially formulated to work in combination with K&N® filter media.
- Available in aerosol can or squeeze bottle
- Available in 6.5 oz or 8 oz aerosol can, 8 oz or 1 gallon bottle, or 5 gallon pail

K&N® sealing grease provides an airtight fit around sealing surfaces on all types of air filter elements. It resists heat and will not melt or run off.

NOT FOR USE ON CLAMP-ON FILTERS