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› K&N High-Flow Universal Clamp-On Air Filter RU-071V User Manual

K&N RU-071V

K&N High-Flow Universal Clamp-On Air Filter

Model: RU-071V

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your K&N High-Flow Universal Clamp-On Air Filter, Model RU-071V. K&N Universal Air Filters are engineered for a wide range of applications, including various vehicles and equipment. They feature ultra-strong molded pliable rubber flanges designed to absorb vibration and ensure a secure attachment. These filters are washable and reusable, offering a durable and efficient air filtration solution.

PACKAGE CONTENTS

- 1 x K&N High-Flow Universal Clamp-On Air Filter (Model RU-071V)
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KEY FEATURES

- **Engineered Airflow:** Advanced filtration media designed to provide increased airflow compared to disposable paper filters.
 - **Easy Installation:** Pre-oiled and features a straightforward clamp-on design for quick setup.
 - **Reusable Design:** Washable and reusable, reducing waste and offering long-term value.
 - **Engine Protection:** Designed to protect your engine from harmful contaminants.
 - **Durable Construction:** Constructed with molded pliable rubber flanges for vibration absorption and secure fit.
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INSTALLATION INSTRUCTIONS

The K&N Universal Clamp-On Air Filter is designed for simple installation. Ensure the engine is off and cool before beginning. This filter is pre-oiled and ready for immediate use.

1. **Identify Mounting Location:** Locate the air intake system where the filter will be installed. Ensure there is adequate space for the filter dimensions.
2. **Remove Existing Filter (if applicable):** If replacing an existing filter, carefully remove it and any associated clamps or housing components.
3. **Clean Mounting Surface:** Ensure the air intake tube or housing connection point is clean and free of debris.
4. **Position the Filter:** Slide the K&N clamp-on filter onto the air intake tube. The pliable rubber flange can stretch slightly (up to 1/16 inch or 1.5mm) to accommodate minor size variations.
5. **Secure the Clamp:** Tighten the integrated clamp securely around the air intake tube to prevent air leaks and ensure the filter is firmly in place. Do not overtighten.
6. **Verify Fitment:** Gently tug on the filter to confirm it is securely attached and will not dislodge during operation.



Image 1: K&N Universal Clamp-On Air Filter (Model RU-071V). This image displays the oval-shaped air filter with its black top and bottom frames, and the distinctive red pleated filtration media visible around the sides. The K&N logo is embossed on the top surface.

OPERATION

Once properly installed, the K&N High-Flow Universal Clamp-On Air Filter operates passively, continuously filtering incoming air for your engine or equipment. No further user interaction is required during normal operation. Regular maintenance, as described in the next section, is crucial to ensure optimal performance and longevity.

MAINTENANCE AND CLEANING

The K&N air filter is washable and reusable, designed for long-term use. Regular cleaning and re-oiling are essential to maintain its filtration efficiency and airflow performance. The cleaning interval depends on operating conditions; inspect the filter periodically for dirt accumulation.

Cleaning Procedure:

1. **Remove Filter:** Carefully detach the air filter from the intake system.
2. **Apply Cleaner:** Spray K&N Air Filter Cleaner (sold separately) generously onto both sides of the filter media. Allow the cleaner to soak for approximately 10 minutes to loosen dirt. Do not allow the cleaner to dry on the filter.
3. **Rinse Filter:** Rinse the filter with low-pressure water from the clean side out (from the inside to the outside) to flush dirt away. Continue rinsing until the water runs clear.
4. **Dry Filter:** Gently shake off excess water and allow the filter to air dry completely. Do not use compressed air or heat to dry the filter, as this can damage the media.
5. **Re-oil Filter:** Once completely dry, apply K&N Air Filter Oil (sold separately) evenly to the pleats. Apply just enough oil to turn the pleats red. Do not over-oil. Allow the oil to wick for 20 minutes, then reapply to any light spots.
6. **Reinstall Filter:** Reinstall the cleaned and re-oiled filter following the installation instructions.

Note: Use only K&N brand air filter cleaner and oil for optimal performance and to avoid damaging the filter media.

TROUBLESHOOTING

- **Reduced Airflow/Performance:**
 - Check if the filter is dirty and requires cleaning.
 - Ensure the filter is not over-oiled, which can restrict airflow.
 - Verify that the clamp is securely tightened and there are no air leaks around the filter's seal.
 - **Filter Not Fitting Securely:**
 - Confirm the flange diameter matches your intake system. The pliable rubber flange allows for minor stretching (up to 1/16 inch or 1.5mm).
 - Ensure the clamp is properly positioned and tightened.
 - **Oil Residue in Intake:**
 - This typically indicates the filter has been over-oiled. Clean and re-oil the filter, applying less oil.
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SPECIFICATIONS

Model Number	RU-071V
Filter Type	Universal Clamp-On Air Filter
Flange Diameter	2.063 inches (52.4 mm)
Filter Height	2 inches (50.8 mm)
Flange Length	0.5 inches (12.7 mm)
Filter Shape	Round Straight
Product Dimensions (L x W x H)	4.63" x 4.63" x 7.25" (approximate overall)
Item Weight	1.01 pounds (0.46 kg)
Material	Cotton gauze media, pliable rubber flange
Washable/Reusable	Yes

WARRANTY AND SUPPORT

K&N products are known for their quality and durability. For specific warranty information, product registration, or technical support, please refer to the official K&N website or contact K&N customer service directly. Keep your purchase receipt for warranty claims.

Online Resources: www.knfilters.com