



WASHABLE / REUSABLE HEAVY DUTY AIR FILTER

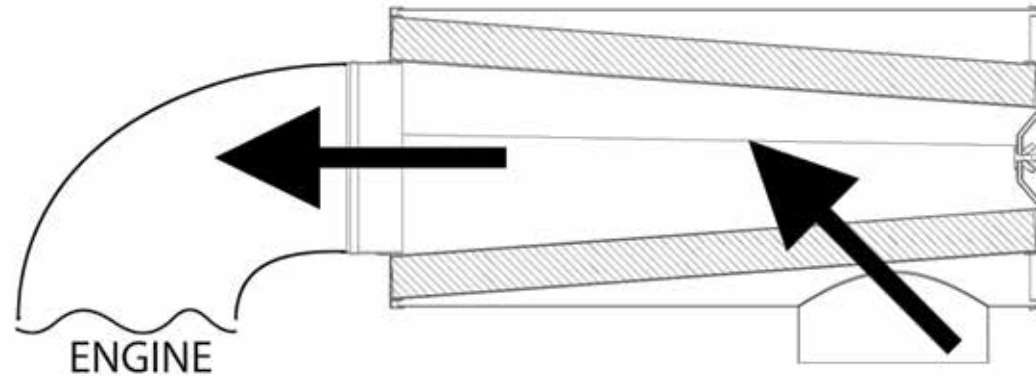
THIS AIR FILTER HAS DRYFLOW™ MEDIA AND DOES NOT REQUIRE OIL

PART NUMBER: 38-2000S / 38-2001S / 38-2002S / 38-2050S

Cross references should be used for comparison of filters with similar dimensions. The user assumes all responsibility for verifying that filters are compatible with their application before using these products. Damage may result if the user fails to ensure that the filter is compatible and seals properly before installing the product or operating the engine.

THESE INSTRUCTIONS MUST BE FOLLOWED EVERY TIME THE FILTER IS SERVICED, OTHERWISE THE FILTER MAY NOT SEAL, AND DAMAGE TO THE ENGINE COULD RESULT

STANDARD FLOW



CAUTION: THIS K&N® AIR FILTER ASSEMBLY SIZE IS AVAILABLE IN TWO DIFFERENT CONFIGURATIONS: STANDARD FLOW (S) AND REVERSE FLOW (R). BE SURE TO VERIFY THE AIR FLOW DIRECTION REQUIREMENTS OF YOUR VEHICLE BEFORE INSTALLING THIS K&N AIR FILTER ASSEMBLY. THIS K&N AIR FILTER ASSEMBLY IS A STANDARD FLOW ASSEMBLY AS SHOWN ABOVE (RED SIDE OF AIR FILTER, IS DIRTY SIDE).

INSTALLATION

- This air filter is a direct replacement for the ECOLITE air filter, and mounts in the original location with no modifications.
NOTE: Everyone's mechanical ability is different; if you are unsure on how to correctly change your air filter please seek a professional mechanic's help.
- Reset vehicle air filter restriction gauge before proceeding.

ROAD TEST

- 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, check that air filter housing is seated correctly onto air filter and check for tightness of wing nut and clamps. For odd noises, find cause and repair before proceeding.
- Test drive the vehicle. Listen for odd noises or rattles and fix as necessary.
- If road test is fine, you can now enjoy your K&N® Heavy Duty Air Filter purchase.
- Service air filter at 15"H₂O or once a year.

HOW TO DISASSEMBLE FOR SERVICING

- Dismount the K&N® air filter assembly from the vehicle.
- Remove the wing-nut and rubber washer from the K&N® air filter assembly lid. (Fig. 6-7)
- Slide the air filter out of the housing. (Fig. 4)
- The gasket may come loose from the air filter base plate, this is okay, be sure to save it as it will be reused once the servicing is complete. (Fig. 2)

When servicing the air filter follow the K&N® Heavy Duty Cleaning Instructions or access www.knfilters.com® to view online. Use K&N® Heavy Duty Air Filter Cleaner only. CAUTION: DO NOT USE THE STANDARD K&N® AIR FILTER CLEANER OR SERVICE INSTRUCTIONS FOR THIS AIR FILTER.

HOW TO REASSEMBLE

- To reassemble, make sure that the base plate gasket is fully seated in the base plate outer cavity. (Fig. 1-3)
- Insert the air filter into the housing and make sure that the top plate stud protrudes through housing lid. (Fig. 4)
- Seat the housing into the air filter base plate. Sometimes, the housing may be slightly out of round, gently squeeze the sides of the housing as it is being seated into the air filter base plate. (Fig. 5)
- Once the air filter top plate stud protrudes through the housing lid and the housing itself is fully seated into the air filter base plate, reattach the rubber washer and wing-nut onto the threaded stud and tighten securely. (Fig. 6-7)

CAUTION: Thread locking compound is recommended on the K&N® air filter wing nut.



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7

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



HEAVY DUTY AIR FILTER CLEANING INSTRUCTIONS



**NO OIL
REQUIRED**

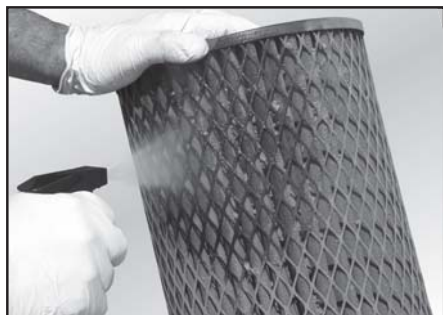
STEP 1: REMOVE FILTER

Remove the air filter from the air filter housing. Handling with care, remove loose dirt and debris from the filter by tapping it with your hand and/or spraying it with compressed air. If compressed air is used, blow air from the clean side of the filter to the dirty side

STEP 2: APPLY CLEANER

Spray a generous amount of K&N Heavy Duty Air Filter Cleaner #99-0638 onto both sides of the filter, with the majority of it applied to the dirty side. Allow to soak in for 20 minutes. Do not allow it to dry on the air filter.

**STANDARD
FLOW**



**REVERSE
FLOW**



STEP 3: RINSE FILTER

Using a pressure washer or garden hose, begin by rinsing any large dirt particles off of the dirty side of the filter. Then rinse the filter element with cool or warm (not hot) water from the clean side out in order to flush the rest of the dirt out of the filter. Continue rinsing until the water flowing through the media is completely clear of any dirt or debris. Depending on the volume of dirt in the filter, a second or third application of cleaner and rinsing may be required.

**STANDARD
FLOW**



**REVERSE
FLOW**



STEP 4: DRY AND RE-INSTALL

After rinsing, gently shake off excess water. Allow filter to dry naturally, or use compressed air from 12" away to speed the drying cycle. The filter should be dry, or just slightly damp before re-installing. Re-install the air filter element back into the air filter housing of the vehicle, following original installation instructions.

The above process is the only approved procedure for maintaining your K&N Heavy Duty Air Filter.

Visit knfilters.com for additional information on cleaning your filter.