



# INSTALLATION INSTRUCTIONS

## Part Number: HA-4517XD

This filter fits: SEE CATALOG FOR CURRENT APPLICATIONS

\* FREE K&N® decal To register your warranty, please see us online at [knfilters.com/register](http://knfilters.com/register). FREE K&N® decal \*

Congratulations, you have purchased the finest air filter that money can buy. With proper care, this filter will last 1 million miles or more. This filter can be used in a stock machine, with no modifications required. If any engine modifications have been made tuning/jetting adjustments may be required. There are special installation instructions, so please follow the procedures outlined below to ensure the K&N Filtercharger® seals properly.

**If you need any assistance please call 1-800-858-3333 to speak with a representative in our Customer Service Center before returning the product.**

### INSTALLATION:

1. Remove your stock air filter from the air box. The stock air filter and filter cage will no longer be used with your new K&N® XStream® series motocross filter.
2. Clean all sealing surfaces in the air box including any necessary areas inside the air-boot ensuring you start as clean as possible.
3. Remove the XStream® top from the base of your XStream® series motocross filter.
4. Install filter into the air box. (Fig. 1)

**NOTE: Position the filter with the K&N® logo on top, so that it aligns properly with the backing plate.**

- a. Use caution when installing the air filter as damage can occur to the pleats on sharp edges.
  - b. Check the filter alignment by looking and feeling into the base of the filter for a proper seat on the backing plate.
5. Apply the supplied washers onto the supplied wing bolt (steel washer first then rubber washer) and insert it through the filter top. (Fig. 2 and 3)
  6. Install the XStream® top and wing bolt into the air filter and align the wing bolt into the post inside of the air box. (Fig. 4)
    - a. Once threads are started, you can insert and snap the top into the base and begin tightening the filter. (Fig. 5)
    - b. Do not tighten completely. Move the filter around a bit to ensure it is seated properly. Once seated, tighten the wing bolt until all slack is removed from the bolt and the XStream® top. With the slack removed, turn the wing bolt 4-5 complete revolutions.

**NOTE: Over-tightening the wing bolt into the post can cause damage.**

7. Test the filter for proper fit and seating before installing the seat. (Fig. 6)

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



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

### CLEANING:

K&N Engineering, Inc., suggests checking the air filter element periodically for excessive dirt build-up. Depending on your driving conditions, we recommend cleaning your air filter every 50,000 miles. To clean and re-oil, purchase our filter Recharger® service kit, part number 99-5050 or 99-5000 and follow the easy instructions.