



## *425/587 AIR CLEANER SYSTEM and AIR CLEANER KIT*

*MADE IN THE USA!!*

*The following are instructions for both the Complete Air Cleaner System AND the Air Cleaner Kit. You only need to read the part for your application.*

### **INSTRUCTIONS**

(Please read all instructions before beginning install)

#### **Parts included in Air Cleaner Kit:**

- 1- Air Cleaner Back plate
- 1- Air Cleaner Cover (of your choice)
- 1- K&N Air Filter
- 1- Nylon Washer
- 1- Acorn Nut W/ Stud (polished S/S and brass)
- 1- Gasket
- 1- Set of 3M double sided tape to secure emblem (If applicable)
- 1- 1/4"-20 x 3/8" S/S BHCS
- 4- 1/4"-20 x 3/4" S/S BHCS
- 4- 1/2" S/S "an" washers

#### **Installation Steps for Air Cleaner Kit:**

1. Remove your air cleaner & air cleaner back plate.
2. Mount the Air Cleaner Back Plate to the support bracket and carb/throttle body, with a gasket between the back plate and support bracket. **See Note Below...Thread locker MUST be used!**
3. Place your K&N Air Filter on the Air Cleaner Back Plate and secure using your assembled (If applicable, see notes below.) Air Cleaner Cover, using the supplied brass or S/S acorn nut with stud. (When fitting the K&N air filter to the back plate insure that the filter is seated properly around the outside of the Filter Support Ring.)

#### **Parts included in Complete Air Cleaner System:**

- 1- Air Cleaner Support Bracket
- 1- Air Cleaner Back Plate
- 1- Air Cleaner Cover (of your choice)

- 2- Crankcase Breather Bolts
- 1- K&N Air Filter
- 4- 1/2" S/S "an" washers
- 1- 1/4"-20 x 3/8" S/S BHCS
- 4- 1/4"-20 x 3/4" S/S BHCS
- 1- Nylon Washer
- 1- Acorn Nut W/ Stud (polished S/S and brass)
- 2- Gaskets
- 1- Set of 3M double sided tape to secure emblem (If applicable)

### **Install Steps for Complete Air Cleaner System:**

1. Remove your factory air cleaner, air cleaner back plate, air cleaner support bracket\*, and crankcase breather hardware.
2. Use the 1/4"-20 x 3/8" bolt to plug the hole at the top of your carb/throttle body. (If applicable)
3. Install your new Air Cleaner Support Bracket\* and a gasket using the supplied Crankcase Breather Bolts or your own breather system. Use one of the 1/2" "an" washers on each side of the support bracket\*. (only hand tighten bolts at this point.)
4. Mount the Air Cleaner Back Plate to the support bracket\* and carb/throttle body, with a gasket between the back plate and support bracket, using three of the 1/4"-20 x 3/4" bolts. Use the torque settings found in your manual. They are usually 40-60 inch lbs. (NOT ft lbs) After tightening, wait a couple of minutes and re-check the torque, the thick gasket may crush some and relax the torque. Repeat 2-3 times to ensure proper torque.
5. Place your K&N Air Filter on the Air Cleaner Back Plate and secure using your assembled (If applicable, see notes below.) Air Cleaner Cover. You can use the supplied 1/4"-20 x 3/4" bolt to fasten the air cleaner cover, or the brass or S/S acorn nut with stud. (When fitting the K&N air filter to the back plate insure that the filter is seated properly around the outside of the Filter Support Ring.)

### **Assembly of Air Cleaner Cover (If applicable):**

\* The emblem is supplied with double sided adhesive for securing the emblem to the cover plate. Simply remove the backing of the double sided adhesive and carefully place the emblem to the cover plate, lining up the center hole in the emblem to the center hole in the cover plate. This insures that there are no air leaks and that there will be no rattling.

\* If you have a Polished Stainless Steel Face Plate Cover, it was shipped to you with a protective film on it. Remove the film prior to installation.

\*Aluminum Billet Finned Covers-Using the nylon washer will protect the surface beneath whichever fastener you use. When tightening the cover plate fastener, take special care that whichever tool you use, you do not scratch the cover.

### **Important Notes:**

- Since the filter element is flexible, it can be tightened down where it ends up out of

round. To prevent this---When tightening down the cover, first barely snug the cover to the filter element, then make sure the outside diameter of the filter element is exactly aligned with the outside diameter of the AC Cover. Once it is aligned, carefully tighten it down, keeping the two aligned the entire time.

- Caring for your Polished Aluminum is different than chrome. Google will bring up many effective ways to clean and protect your Polished Aluminum finish. What we use is Never-Dull and whatever wax we have handy to protect the finish.
- The rider's safety depends on the correct installation of this kit. Please do not attempt if you have any doubts of your ability to install.
- Torque specs. for the Acorn Nut in the center of the metal covers is 36-60 **INCH**-lbs.
- **Blue Thread locker (medium) MUST be used on all threads. Not doing so risks serious damage to your engine. Not using Thread Locker could result in death or serious injury.**
- On Twin Cam models make sure the arms of the support bracket are NOT touching any part of the the throttle body. If the the support bracket is inadvertently bent and the arms of the bracket contact the throttle body, the throttle can stick open.

\* TBW Models have a factory support bracket that stays in place with the installation of our air cleaners. Ignore any of the above instructions regarding support brackets they are for Sportsters and cable operated Twin Cams.

Caution: For Racing Vehicle Use Only.

Note: This product is not for use on roads or vehicles subject to emission control requirements and is not legal for use or installation on motor vehicles operated on public highways in the State of California or other States where similar emission and decibel regulation laws may apply. The user shall determine suitability of this product for his or her use. The user shall assume all risk and liability of regulations and any incurred financial obligations due to vehicle inspections or emissions tests.

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