



INSTALLATION

CORSAIR AIR FILTER KIT

9861

PARTS INCLUDED

- 1 Corsair Air Cleaner Assembly
- 1 Corsair Fixture Ring Kit Including:
 - 1 Corsair Fixture Ring
 - 4 1/4"-20 x 1/2" Socket Head Cap Screw (SHCS)
- 1 Mini Filter Kit Including:
 - 1 Mini Filter
 - 1 1/2" Chrome Barbed Hose Fitting
 - 2 3/4" Plated Hose Clamp
 - 1 1/2" ID Hose 36" long
 - 4 Black Cable Tie
- 1 Bluegrass Breather Kit Including:
 - 6 Aluminum Washers
 - 1 5/16" ID Hose 34" long
 - 4 1/2" Clamp
 - 1 "Y" Fitting
 - 2 1/2"-13 Breather Bolt
 - 2 3/8"-16 Breather Bolt
 - 2 Banjo Elbow
 - 2 Anti-Seize packet
- 1 Gasket Kit Including:
 - 2 Adhesive Gasket
 - 3 1/4"-20 x 5/8" Socket Head Cap Screw (SHCS)
 - 1 Barbed Elbow Fitting
 - 1 1/8" Chrome Nipple
 - 1 1/8" Chrome Elbow
- 1 Support Bracket Kit Including:
 - 1 Support Bracket
 - 4 1/2" Spacer
 - 4 3/8" Spacers
- 1 Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KÜRYAKYN!

IN ORDER TO PROTECT YOU AND OTHERS FROM POSSIBLE INJURY AND/OR PROPERTY DAMAGE OR LOSS, PLEASE PAY CLOSE ATTENTION TO ALL INSTRUCTIONS, WARNINGS, CAUTIONS AND NOTICES REGARDING THE USE AND CARE OF THIS PRODUCT.



THIS INDICATION ALERTS YOU TO THE FACT THAT IGNORING THE CONTENTS DESCRIBED HEREIN CAN RESULT IN POTENTIAL DEATH OR SERIOUS INJURY.

NOTICE

This indication alerts you to the fact that ignoring the contents described herein may negatively affect product performance and functionality.

NOTICE

IF INSTALLING THIS PRODUCT FOR ANOTHER PARTY, PLEASE MAKE SURE THEY RECEIVE THIS COPY OF THE INSTALLATION INSTRUCTIONS SO THEY ARE AWARE OF THE IMPORTANT INFORMATION CONTAINED IN THEM.

TOOLS SUGGESTED

Set of Hex Wrenches, Socket Set with Ratchet, Needle Nose Pliers, Heavy-duty Snips or Diagonal Pliers, Spray Lube

STRICTLY OBSERVE THE FOLLOWING GUIDELINES IN ORDER TO USE THE PRODUCT PROPERLY AND AVOID POTENTIALLY DANGEROUS ACCIDENTS.

CUSTOMER SERVICE

877.370.3604 (toll free)

INSTALLATION QUESTIONS

techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Küryakyn warrants that any Küryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

- Küryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
- The product must be properly installed, maintained and operated under normal conditions.
- Küryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Küryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Küryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Küryakyn and a customer.
- Küryakyn products are often intended for use in specific applications. Küryakyn makes no warranty if a Küryakyn product is used in applications other than intended.
- Küryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. L.E.D.'S contained in components of Küryakyn products will be warranted for defects in materials and workmanship for 3 years from the date of purchase where as all other components shall be warranted for one(1) year. This includes, but is not limited to; control modules, wiring, chrome & other components.

- Küryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Küryakyn. Küryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

ABOUT OUR CATALOG

For purchasing Küryakyn® products, you can receive a complete catalog free of charge.

Send the Proof-of-Purchase below with your address to: Küryakyn, P.O. Box 339, Somerset, WI 54025.

Please indicate either Accessories Catalog for Harley-Davidson® or GL & Metric Cruisers.

Be sure to ask your local dealer about other Küryakyn® products, the motorcycle parts and accessories designed for riders by riders.

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kuryakyn.com

NOTE: Not all of the included parts will be used during this installation. Take a minute to familiarize yourself with each of the kits and their contents before installation.

STEP 1

Read and understand all steps in the instructions before starting the installation. Park the motorcycle on a hard, level surface and turn off the ignition. Let cool.



YOU WILL BE WORKING AROUND THE ENGINE AND EXHAUST SYSTEM DURING INSTALLATION. ENSURE THAT THE ENGINE AND EXHAUST SYSTEM HAVE FULLY COOLED TO PREVENT INJURY.



A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

NOTICE

The installation of any high performance air cleaner system can cause a "lean" fuel/air mixture. A "lean" fuel/air mixture can cause engine overheating resulting in severe engine damage. Küryakyn recommends having carbureted bikes rejetted or tuned by an experienced tuner, on a dyno, with an exhaust gas analyzer. Lean conditions and/or retarded ignition timing will cause high exhaust temperatures discolor chrome exhaust and can cause engine overheating resulting in severe engine damage.

NOTICE

Some of our high performance air cleaners extend beyond the stock/OEM unit to achieve smoother air flow and better performance. Riding position may be affected, so it is important to familiarize yourself with the new riding position.

STEP 2

Remove the entire stock air cleaner assembly; it will not be re-used. Refer to your model's service manual for specific instructions. PIC 1

STEP 3

Find a suitable area to stow the mini filter. Suggested locations include the space between the carburetor and the underside of the gas tank or behind the horn assembly on the left side of the bike.

STEP 4

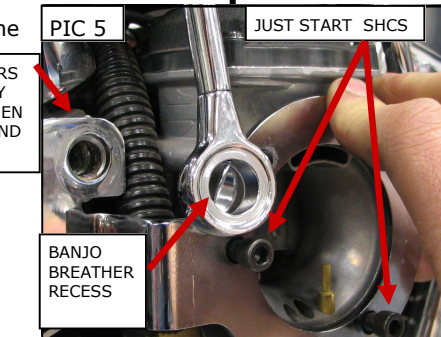
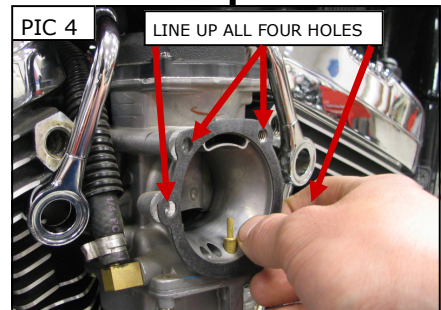
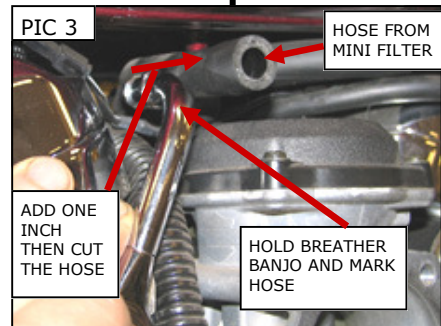
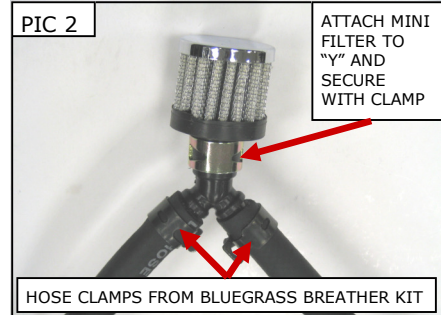
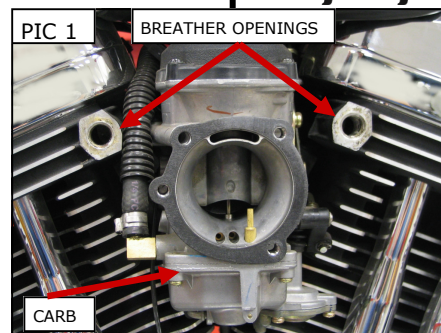
Locate the Mini Filter Kit and the Bluegrass Breather Kit. Attach the mini filter to the "Y" fitting (included in the Bluegrass Breather Kit) as shown in PIC 2; secure the mini filter with the clamp from the Mini Filter Kit.

STEP 5

Cut the 5/16" ID hose (included with the Bluegrass Breather Kit) in half.

STEP 6

Attach both hose lengths to the "Y" fitting and secure them with two of the clamps included in the Bluegrass Breather Kit. PIC 2 A little spray lube on the ends of the "Y" will ease installation.



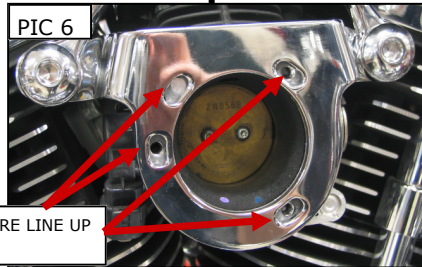
STEP 7 Position the mini filter assembly in the desired location; route the two hoses toward the crankcase breather holes in the cylinder head. PIC 3

NOTICE

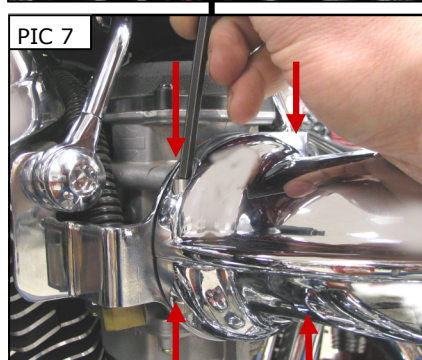
Ensure that the hoses are routed away from any moving parts, cables, pinch points or extreme heat.

STEP 8 Hold a banjo breather from the Bluegrass Breather Kit against the crankcase breather hole in the cylinder head as shown in PIC 3.

APPLY GASKET HERE LINE UP ALL HOLES



STEP 9 Hold the hose against the banjo breather, note where the hose contacts the breather, add an extra inch, and make a mark on the hose. Cut the hose at the mark with your diagonal pliers. Repeat STEP 8 and STEP 9 for the other side.



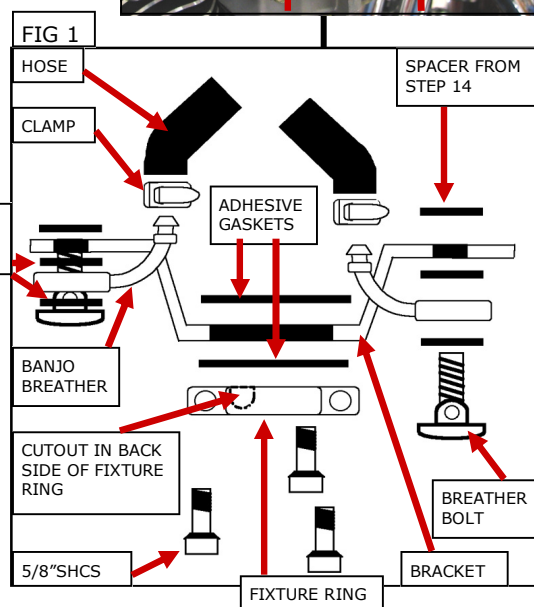
STEP 10 Install the other two hose clamps from the Bluegrass Breather Kit onto the ends of the hoses. Push the two banjo breathers into the hoses; a little spray lube on the ends of the breathers will ease installation.

STEP 11 Clamp the banjo breathers onto the hoses with the hose clamps from STEP 12. Let the banjo breathers hang for now.

STEP 12 Locate the Gasket Kit. Position the adhesive gasket against the carburetor; align the four holes. PIC 4

STEP 13 Press the gasket in place and "hang" the support bracket on the carburetor by partially starting the three 1/4"-20 x 5/8" Socket Head Cap Screws from the Gasket Kit. PIC 5

STEP 14 Push the bracket against the gasket and the carburetor and ensure that there are no gaps between the bracket and the heads; use the spacers included in the Support Bracket Kit to achieve proper fit. PIC 5 Set the spacers aside for now.



NOTICE

Be sure the support bracket contacts each head when it is in place across the front of the carb. If there is a gap between the heads and the support bracket, use the included shim washers to eliminate this gap. Tightening the breather bolts when a gap is present here will likely result in a broken bracket within a short period of time.

STEP 15 Place an aluminum washer onto a 1/2"-13 breather bolt and insert the breather bolt through a banjo breather. Place another aluminum washer onto the protruding end of the breather bolt; ensure that the washers locate in the banjo breather recesses. FIG 1 and PIC 5 Holding the second washer in place, begin to thread the breather bolt into the through the mounting bracket into the cylinder head. Leave finger tight for now. Repeat for the other side.

NOTE: Put a few drops of the included anti-seize (in the Bluegrass Breather Kit) onto the threads of the breather bolts.

NOTE: Ensure that the washers locate in the banjo bolt recesses as the breather bolts are being finger-tightened.

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- STEP 16** Temporarily remove the 1/4"-20 x 5/8" SHCS from the support bracket.
- STEP 17** Remove the backing from the adhesive gasket and install onto the front of the mounting bracket. Make sure all holes line up. PIC 6
- STEP 18** Hold the fixture ring against the support bracket and secure it with the three 1/4"-20 x 5/8" SHCS. Tighten securely.

NOTE: The cutout on fixture ring must line up with float bowl vent on the carburetor.

- STEP 19** Tighten the breather bolts; **ensure that the spacers locate in the banjo bolt recesses as the breather bolts are tightened.**
- STEP 20** Hold the Corsair Air Cleaner assembly against the fixture ring and install the four 1/4"-20 x 1/2" SHCS (from the Fixture Ring Kit) as shown in PIC 7. Finger tighten the screws until all have been installed, then tighten securely.
- STEP 21** **Double check the tightness of all related fasteners, check for hose clearance and check throttle for correct operation, making sure it returns properly, before starting bike.**

WARNING

ROTATE THROTTLE AND CHECK THAT IT MOVES FREELY AND RETURNS TO CLOSED BEFORE STARTING BIKE. FAILURE OF THE THROTTLE TO RETURN COULD RESULT IN LOSS OF CONTROL CAUSING SERIOUS INJURY OR DEATH.

NOTICE

It is the installer's responsibility to ensure that all of the fasteners (including pre-assembled) are tightened before operation of the motorcycle. Küryakyn will not provide warranty coverage on products or components lost due to improper installation or lack of maintenance. Periodic inspection and maintenance are required on all fasteners.

Ride On!