DARING Küryakyn PRODUCTS

INSTALLATION

HYPERCHARGER AIR FILTER KIT 8376

PARTS INCLUDED

1	Chrome Hypercharger Assembly
1	Hardware Kit Including:
1	16" Length of Vacuum Hose
1	Barbed "T" Fitting
1	Gasket with Adhesive
2	Gaskets without Adhesive
3	1/4"–20 x 1-1/2" Socket Head Cap Screws
1	Aluminum Spacer — 7/8" Thick
1	Carb Support Bracket — Chrome
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.

WARNING 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, Set of Combination Wrenches, Side Cutter

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

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.

NOTE: This kit is for use with H-D SCREAMIN' EAGLE or other aftermarket crankcase breathers, sold separately.

WARNING 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.

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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 breech 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 manufacturer¹s 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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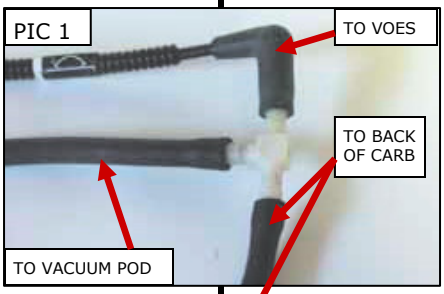
PROOF OF PURCHASE

kuryakyn.com

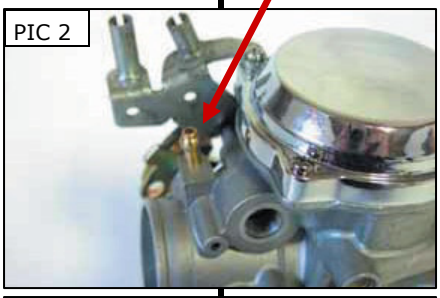
WARNING A FACTORY SERVICE MANUAL WILL BE HELPFUL IN PERFORMING THIS INSTALLATION. DO NOT ATTEMPT TO PERFORM THIS INSTALLATION IF YOU ARE NOT CONFIDENT IN YOUR ABILITY TO COMPLETE ALL OF THE STEPS IN THE PROCEDURE; CONSULT A TRAINED TECHNICIAN. IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.

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.**

PIC 1



PIC 2



PIC 3

STEP 2 Remove the stock air cleaner assembly.

STEP 3 Turn off the fuel petcock. Remove the following from the carburetor: fuel line, cables, enrichener valve (choke), and V.O.E.S. vacuum line. Remove the carb from the intake manifold. Best performance will be obtained by re-jetting the carburetor.

STEP 4 Cut a 1-1/2" section of vacuum hose from the length included. Assemble the vacuum "T" as shown in PIC 1.

STEP 5 Install this vacuum line assembly to the back of the carburetor that the hose was removed from in Step 3. The short piece of hose from the "T" will attach to the vacuum port on the carb. The long hose will attach to the vacuum pod on the Hypercharger. PIC 1, PIC 2 and PIC 3

STEP 6 Re-install the carb on to the intake manifold, a little dish soap or light oil will assist in the spigot going into the rubber boot on the manifold. Be sure the carb is pushed all the way back into the manifold. Reconnect and adjust the cables, reconnect the fuel line, and replace the enrichener valve (choke).

STEP 7 Consult the instructions that came with the H-D breather for the proper orientation and placement of components. Remove the backing from the included adhesive backed gasket and attach it to the mouth of the carb lining up the holes. Place the carb support bracket across the mouth of the carb. Place the H-D breather assembly over the outside of the carb support bracket, and start the breather bolts through the support bracket and into each head. Maneuver the carb so all three mounting holes and the float bowl vent hole (10-O'Clock position) are centered in the corresponding slots in the support bracket. Tighten the breather bolts.

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, push the carb inward 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 8 With a hex wrench, remove the round trap door in the Hypercharger. Insert the three 1/4"–20 X 1-1/2" socket head cap screws through the mounting holes in the Hypercharger from the inside. **DO NOT** place a bolt through the float bowl vent hole - this hole is the one in the 10-o'clock position. Place one of the included gaskets over the three mounting screws now protruding from the back of the Hypercharger. Place the 7/8" aluminum spacer over the screws, then a second gasket over the aluminum spacer.

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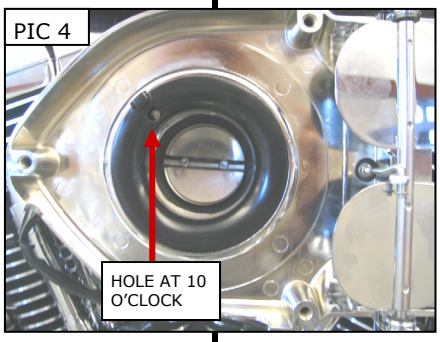
STEP 9 **At this time you should have three gaskets installed, one directly behind the Hypercharger back plate, one between the aluminum spacer/support bracket and one between the support bracket/carb**-secure the assembly to the carburetor. **DO NOT** over tighten the fasteners; the aluminum will strip easily.



STEP 10 Position the black plastic Dual Velocity ring into position over the bolts attaching the Hypercharger to the carb so that the hole lines up with the empty float bowl vent hole located at the 10 o'clock position. PIC 4 This will snap into place. (Front half of Hypercharger removed for clarity)

STEP 11 Replace the trap door and gasket.

STEP 12 Plug the rubber vacuum hose (installed in Step 5) into the air jet on the bottom of the vacuum pod on the back of the Hypercharger.

STEP 13 **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 TO PROPERLY ADJUST THE THROTTLE CABLES 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.**