



INSTALLATION

HYPERCHARGER MOUNTING KIT

8341

PARTS INCLUDED

- 1 Carb Support Bracket
- 1 16" Vacuum Hose
- 1 Barbed Tee Fitting
- 1 Gasket, Adhesive Backed
- 2 Gaskets
- 2 TC Style Evo Breather Bolts
- 2 TC Style Breather Hoses
- 1 TC Style Breather
- 1 90 Degree elbow
- 1 Straight Fitting
- 3 1/4"-20 X 1-1/2" Socket Head Cap Screws
- 4 4" Black Nylon Cable Ties
- 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.

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.

STEP 2

Remove the existing air cleaner and mounting bracket assembly.

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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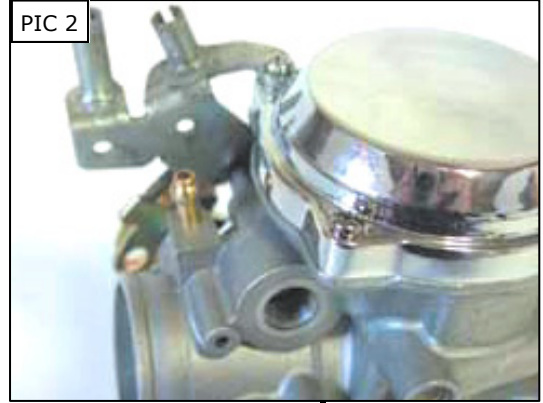
WARNING

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.

STEP 3 Turn off the fuel petcock. Remove the following from the carburetor: fuel line, cables, enricher valve (choke), and V.O.E.S. vacuum line. Remove the carb from the intake manifold.



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 carb as shown in 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 enricher valve.

STEP 7 Remove the paper backing from the self-adhesive intake gasket and apply the gasket to the mouth of the carb. Make sure all four holes line up.

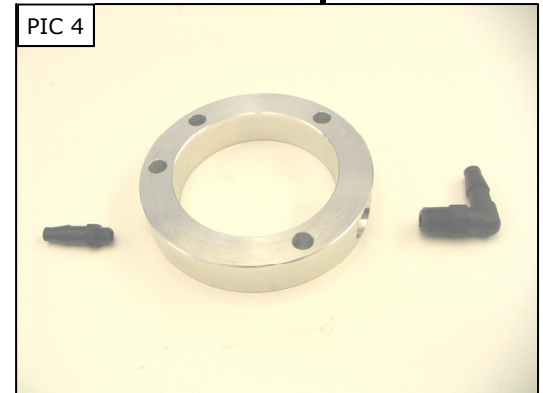


STEP 8 Position the chrome mounting bracket over the mouth of the carburetor and fasten loosely to each head with the provided breather bolts. Be sure all the holes are aligned. Rotate the carburetor in either direction to align the holes. Tighten the breather bolts.

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 9 Assemble the breather adapter by threading the 90 degree fitting to the large hole on the side of the adapter and the straight fitting to the small hole on the opposite side of the adapter. PIC 4 When assembled, the 90 degree fitting side will face the front of the bike and be angled slightly in towards the motor. PIC 5



STEP 10 Trim 1/4" from each end of **ONE** of the provided breather hoses. Install this hose between the front head and the 90° fitting on the breather adapter. PIC 6

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STEP 11 Install the remaining breather hose between the rear breather bolt and the straight barbed fitting on the breather adapter. PIC 7 Secure the ends of the two hoses with the supplied nylon ties.

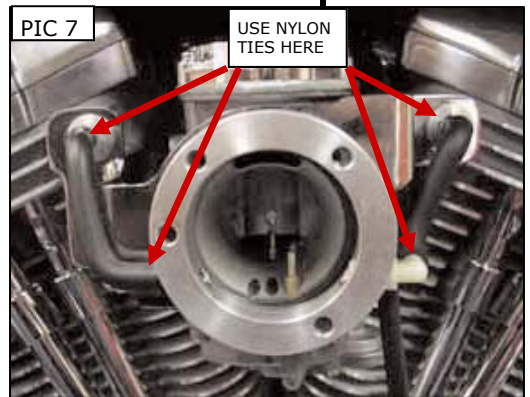
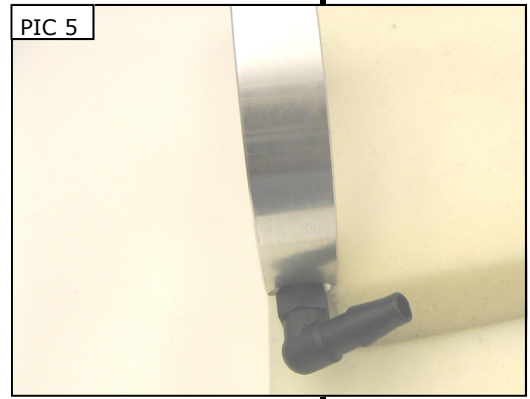
STEP 12 Use a hex wrench to remove the trap door from the Hypercharger.

STEP 13 Install the three supplied 1/4"-20 X 1-1/2" Socket Head Cap Screws into the Hypercharger mounting holes; note that the hole in the 10 o'clock position is the float bowl vent—do not use this hole. Place one of the included non-adhesive backed gaskets over these bolts, leaving the hole at 10 o'clock open.

STEP 14 While holding a gasket in place between the breather adapter and support bracket- **at this time you should have three gaskets installed, one directly behind the Hypercharger back plate, one between the breather adapter / 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 15 Replace the trap door on the Hypercharger. Connect the vacuum line to the air jet on the bottom of the Hypercharger vacuum pod.

STEP 16 **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.