



INSTALLATION



HYPERCHARGER FOR '91-UP SPORTSTER 9999

CUSTOMER SERVICE
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INSTALLATION QUESTIONS
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or call 715.247.2983

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn 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:

- Kuryakyn 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.
- Kuryakyn makes no warranty, expressed or implied, with respect to any gold plated products.
- Kuryakyn shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Kuryakyn product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Kuryakyn and a customer.
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- Kuryakyn electrical products are warranted for one (1) year from the date of purchase by the consumer. Components of Kuryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn 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

You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Kuryakyn™ product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

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

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CHROME BODY WITH CHROME BUTTERFLIES AND BLOOD GROOVE TRAP DOOR

FITS: '91-UP XL MODELS USING H-D ACCESSORY BREATHER. NO ADAPTER NECESSARY WHEN USED ON STOCK C.V. CARBS

NOTE: THESE KITS ARE FOR USE WITH H-D ACCESSORY BREATHER 29281-91T, OR OTHER AFTERMARKET CRANKCASE BREATHERS, NOT INCLUDED.

PART #	INCLUDED
600191	1 Late Hyper With Chrome Blood Groove Trap Door Assembly Including: 1 Chrome Back Half 1 Chrome Front Half 1 Chrome Blood Groove Trap Door 1 K&N Hyper Filter
401014	1 Mounting Bracket XL6 Late Style
600149	1 H/W Kit #9 Late Hyper Including the Following: 16 Inches of 5/32" Rubber Hose 1 Barbed Mini 3 Way T 2 Gasket Late Style Without Adhesive 1 Gasket Late Style With Adhesive 3 1/4"-20 X 1-1/2" SHCS 1 Spacer, 7/8" Late 3-1/4" OD X 2-1/4" ID (adapter)
309999	1 Instructions

THANK YOU FOR CHOOSING KURYAKYN!

PROCEDURE

STEP 1 Remove the stock air cleaner assembly.

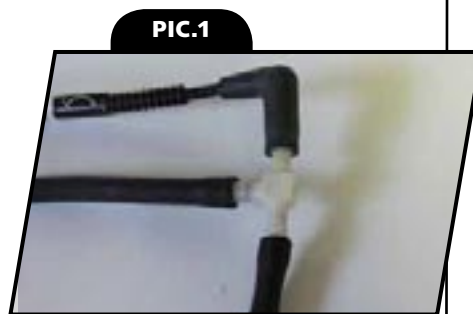
STEP 2 Turn off the fuel petcock. Remove from the carburetor: fuel line, cables, enrichener valve, and V.O.E.S. vacuum line. Remove the carb from the intake manifold. It is extremely likely that best performance will be obtained by re-jetting the carburetor.

Install a suitable carb recalibration kit like Kuryakyn P/N 8514, at this time.

STEP 3 Cut a 1-1/2" section of vacuum hose from the length included. Assemble the vacuum "T" as shown in PIC.1.

STEP 4 Install this vacuum line assembly as shown in PIC.2.

-cont.-



STEP 5 Re-install the carb on to the intake 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.

STEP 6 Consult the instructions that came with the H-D breather for the proper orientation and placement of components. Place the chrome 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.

IMPORTANT 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 the gap. Tightening the breather bolts when a gap is present here will likely result in a broken bracket after a short period of time.

STEP 7 While holding an intake gasket in place between the carb and the support bracket, install the breather bolts.

STEP 8 With a 1/8" Allen wrench, remove the round trap door in the Hypercharger. Insert the three 1/4"-20 socket head cap screws through the mounting holes in the Hypercharger from the inside. Remove the adhesive backing from one of the intake gaskets, and place it over the three mounting screws now protruding from the back of the Hypercharger. **DO NOT** place a bolt through the float bowl vent hole – this hole is the one in the 10-O'Clock position.

STEP 9 Hold an intake gasket in position between the aluminum spacer ring and the support bracket. Position the Hypercharger over the spacer ring and install the Hypercharger to the carb support bracket/spacer assembly. Tighten these bolts securely, but don't over do it – the bolts go into the aluminum carb body which can be easily stripped or broken.

STEP 10 Replace the trap door and gasket.

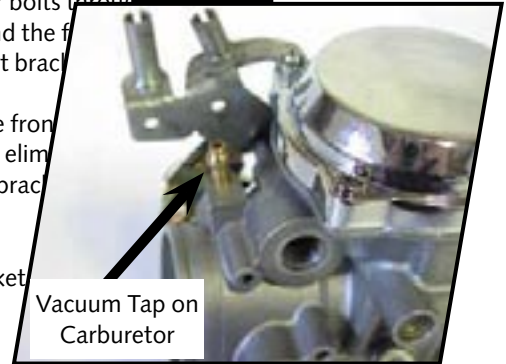
STEP 11 Plug the rubber vacuum hose (assembled in STEP 4) into the air jet on the bottom of the vacuum pod which is on the back of the Hypercharger. Plug the long section of 3/8" I.D. hose to the nipple on the H-D breather tube and route it neatly to the ground.

STEP 12 Double check the tightness of all related fasteners and check to make sure throttle operation is free.

Ride On!

Kuryakyn™

PIC.3



Vacuum Tap on Carburetor

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STANDARD HYPERCHARGER

INSTALLATION

FIG.1

