



INSTALLATION



HYPERCHARGER FOR EVO BIG TWIN 8464

WITH CHROME BODY AND CHROME BUTTERFLIES

FITS: '93 -'99 EVOLUTION BIG TWINS — INCLUDES KÜRYAKYN CRANKCASE BREATHER. NO ADAPTER NECESSARY WHEN USED ON STOCK OR 44MM C.V. CARB

PART #	INCLUDED
600159	1 Chrome Hypercharger Assembly Including:
	3 1/4"-20 x 1-1/2" S.H.C.S. — Smooth, Stainless Steel
400541	1 Air Filter Element
8518	1 Crankcase Breather Kit Including:
	1 Breather Manifold — Cast
	2 4" Long Rubber Hose Sections
	4 4" Nylon Cable Ties — Black
	3 1/4"-20 x 1" S.H.C.S. — Blue Patched
	2 Rubber Breather Boots
	2 1/2"-20 x 1" Hollow Breather Bolts
	2 Slotted Cup Washers
600150	1 #10 Installation Support Kit Including:
	1 16" Section Vacuum Hose — 3/32" I.D. x 1/4" O.D.
	1 Barbed "T" Fitting
	1 "Late Inlet" Gasket with Adhesive
	2 "Late Inlet" Gaskets
401001	1 Carb Support Bracket — Chrome
308464	1 Installation Instructions

TOOLS SUGGESTED

SAE Allen wrench set, Large flat tip screwdriver, Needle nose pliers, Diagonal cutter.

NOTE

For best drivability and maximum performance, we strongly suggest re-jetting of the carburetor.

PROCEDURE

STEP 1 Remove the stock air cleaner assembly.

STEP 2 Turn off the fuel petcock. Remove from the carburetor the following: fuel line, cables, enricher 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.

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

-cont.-

PIC.1



CUSTOMER SERVICE

877.370.3604 (toll free)

INSTALLATION QUESTIONS

techsupport@kuryakyn.com
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.
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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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STEP 4 Install this vacuum line assembly as shown in [PIC.2](#) and [PIC.3](#).

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 Place the chrome carb support bracket across the mouth of the carb and loosely attach it to each head with a hollow bolt and cup washer. 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 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 7 While holding an intake gasket in place between the carb and the support bracket, tighten the breather bolts. The slots in the cup washers should be facing down.

STEP 8 Assemble the rubber boots, short pipe sections, rubber hoses, and breather manifold as shown in [PIC.4](#). Use the four nylon cable ties as hose clamps at each junction. Snip off any extra cable tie for clean appearance.

STEP 9 Snap the rubber breather boots over the cup washers completely encapsulating them.

STEP 10 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 11 Hold an intake gasket in position between the breather manifold and the support bracket. Position the Hypercharger over the breather manifold and install the Hypercharger to the carb/ support bracket/ breather manifold 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 12 Replace the trap door and gasket.

STEP 13 Plug the rubber vacuum hose (assembled in Step 4) into the air jet on the bottom of the vacuum pod on the back of the Hypercharger.

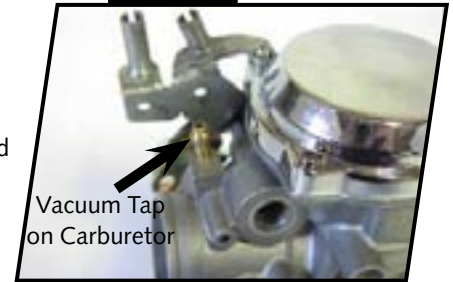
STEP 14 Double check the tightness of all related fasteners.

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PIC.2



PIC.3



PIC.4



Ride On!

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