DARING Küryakyn PRODUCTS

INSTALLATION

SKULL AIR CLEANER KIT 9941

FITS: '91-UP XL MODELS WITH CV CARB

PART #	INCLUDED	
509944	1	Skull Head Air Cleaner Kit Including:
	1	Skull Cover
	1	Backing Plate
	1	Cage Assembly
	1	Dual Velocity Ring
909944	1	Mounting Kit Including:
	3	1/4"-20 x 1" BSCS 18-8
	3	1/4"-20 x 3/4" SHCS 18-8
	3	Plastic Washer
400545	1	K&N Filter
609944	1	Plug & Elbow Kit Including:
	2	1/8" Threaded Plug
	2	90 Degree Barbed Elbow (not used)
401014	1	Mounting Bracket
600150	1	#10 Late Hyper Kit Including:
	1	16" 5/32" Rubber Hose (not used)
	1	Mini Barbed 3/16"Tee (not used)
	1	Gasket With Adhesive
	2	Gasket
8518	1	Küryakyn Crank Case Breather Kit Including:
	1	Breather Manifold Assembly
	2	4" 5/16" ID Hose
	4	Cable Ties
	3	1/4"-20 x 1" SHCS Alloy With Patch
	2	Rubber Breather Boots
	2	1/2"-13 x 1" Breather Bolt
	2	Spacer/Collar Slotted Cup Washer
309941	1	Installation Instructions

Please read and understand entire instructions before starting installation.

THANK YOU FOR CHOOSING KURYAKYN!

PLEASE NOTE

It is the installers' responsibility to make sure all fasteners (including pre-assembled) are tightened before operation of motorcycle. Küryakyn will not warranty components that are lost due to improper installation. Periodic maintenance may be required.

NOTE

Not all parts will be used. These kits are designed for use with STOCK (not Screamin' Eagle.) crankcase breather systems. If you would like to use the Screamin' Eagle Crankcase Breather System, see the procedure at the end of this instruction sheet.

PROCEDURE

STEP 1 Remove the stock air cleaner assembly.

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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 of non-conforming 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. Components of Küryakyn products containing L.E.D.s will be warranted for defects in materials and workmanship for 3 years from the date of purchase.
- 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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PROOF-OF-PURCHASE

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STEP 2 Install the gasket with the adhesive to the carburetor so that the vent hole at the 10 o'clock position is clear.

STEP 3 Place the chrome carb support bracket across the mouth of the carb and loosely attach it to each head with a hollow breather 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 4 Tighten the breather bolts. The slots in the cup washers should be facing down.

STEP 5 Assemble the rubber boots, short pipe sections, rubber hoses, and breather manifold as shown in PIC.1. Use the four nylon cable ties as hose clamps at each junction. Snip off any extra cable tie for clean appearance.

STEP 6 Snap the rubber breather boots over the cup washers completely encapsulating them.

STEP 7 Install the 2 plastic plugs into the threaded holes on the back side of the backing plate.

STEP 8 Insert the three 1/4"–20 x 1" socket head cap screws alloy with patch through the mounting holes in the back plate from the inside. See PIC.2. Take one of the intake gaskets, and place it over the three mounting screws now protruding from the back of the back plate. 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 breather manifold and the support bracket. Position the back plate over the breather manifold and install the back plate 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 10 Snap in place the Dual Velocity Ring so the mounting screws are covered and the vent hole is open at the 10 o'clock position. See PIC.3.

STEP 11 You now can place the air cleaner into place and secure with the filter cage. Insert the 3 supplied 1/4"-20 x 1" BSCS 18-8 fasteners in from the back side of the back plate into the filter cage and tighten. See PIC.3A. Place the Skull cover in place and secure with the 3 supplied 1/4"-20 x 3/4" SHCS 18-8 fasteners with plastic washers.

IMPORTANT
STEP 12 Before starting the engine, check to make sure you have not kinked any hoses, all fasteners are tight and to make sure the throttle operates freely.

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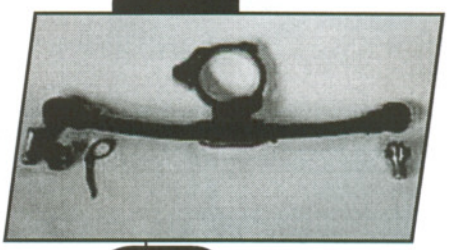
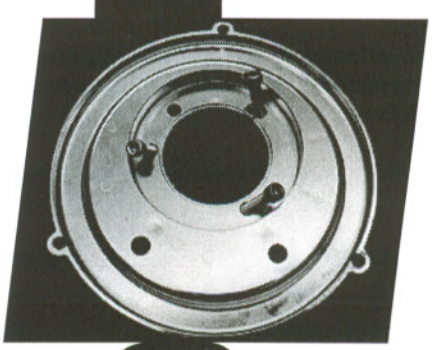
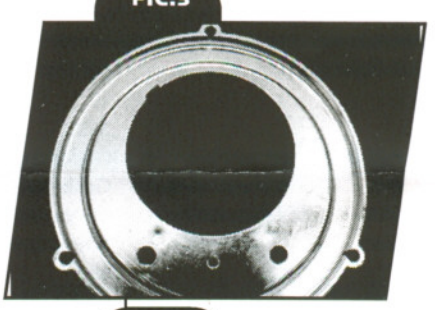
PIC.1



PIC.2



PIC.3



PIC.3A

TO USE SCREAMIN EAGLE STYLE CRANKCASE BREATHERS WITH THIS KIT, PERFORM THESE EASY MODIFICATIONS:

PIC.4 shows late style Screamin Eagle breather adaptors and banjo bolts, Harley- Davidson P/N 29476-99 hoses and Küryakyn breather adapter.

PIC.5 shows early style Screamin Eagle breather and banjo bolts.

STEP 1 Using a die grinder, enlarge (round out) the slots in the carb support bracket where the bracket mounts to each head to allow clearance for the Screamin' Eagle breather bolts. See PIC.6.

STEP 2 Remove the plastic barbed fittings from the breather adapter/spacer and plug the holes using epoxy, small set screws or threaded plugs. One hole is 1/4"–28 and the other is 1/8 NPT. See PIC.7.

NOTE

The Screamin' Eagle assembly (shown in PIC.6) will be installed over the carb support bracket, not between the heads and the support bracket. Connect a length of 3/8" I.D. hose to the nipple on the Screamin' Eagle Crankcase Breather tube and route it neatly so it outlets pointing to the ground. External breather filter (Küryakyn P/N 8515) is recommended and sold separately.

If you have one of the Screamin Eagle breathers and want to convert it back to stock you will need the following H-D parts: 29476-99 Breather Hose and 29465-99 Breather bolts.

Ride On!

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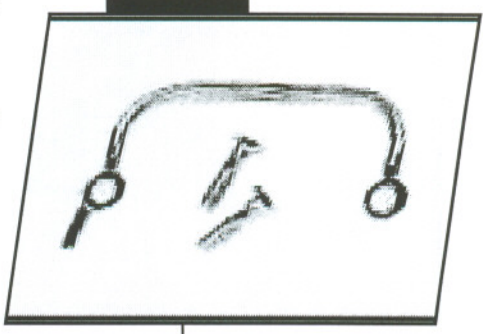
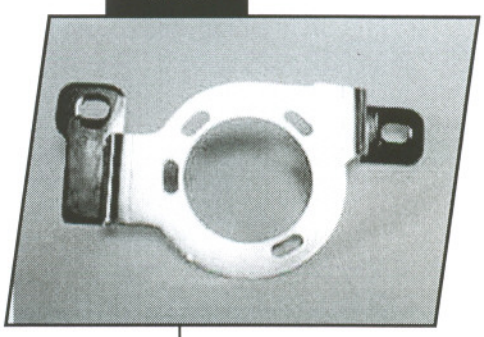
PIC.4

PIC.5



PIC.6



PIC.7

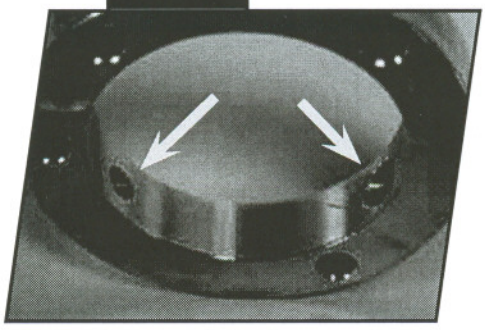
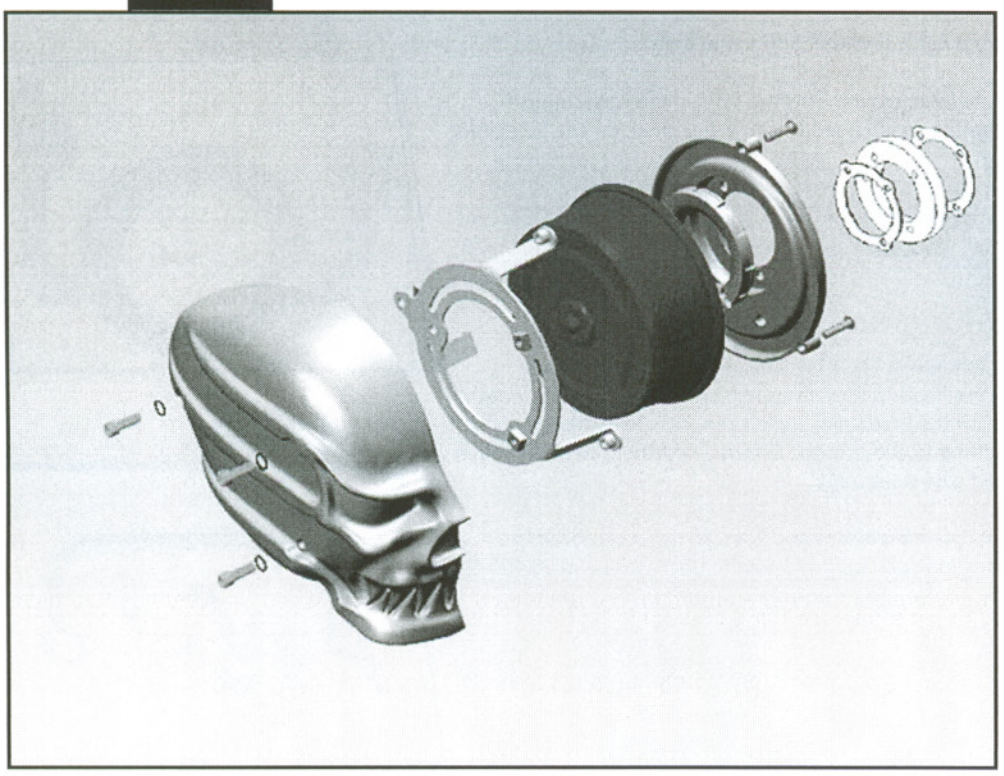



FIG.1