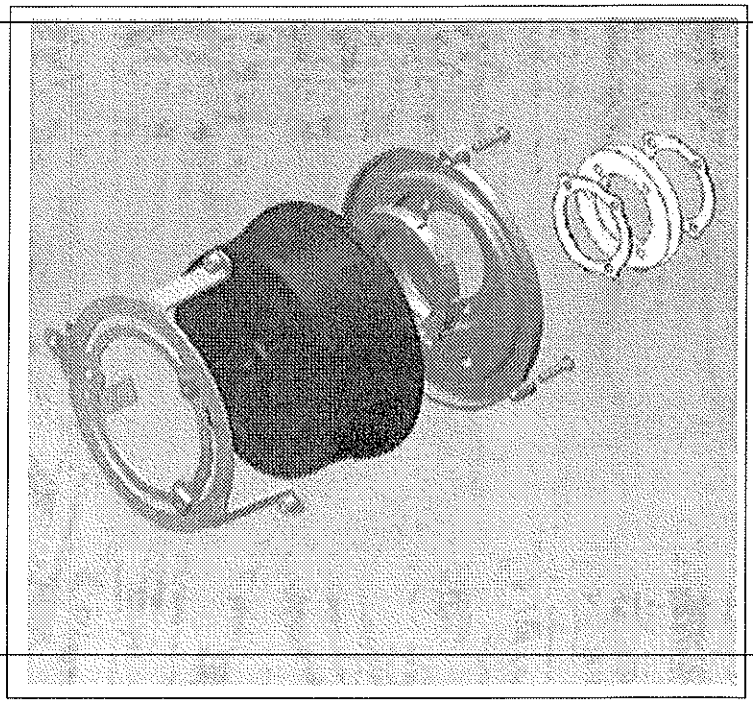
Parts	Included
1	Backing Plate
1	Cage Assembly
1	Dual Velocity Ring
3	1/4" -20 x 1" Bolt
1	AIR Filter
2	1/8" Threaded Plug
2	90 Degree Barbed Elbow (not used)
1	mounting Bracket
1	16" 5/32" Rubber Hose (not used)
1	Mini Barbed 3/16" Tee (not used)
3	Gasket
1	Breather Manifold Assembly
2	4" 5/16" ID Hose
4	Cable Ties
3	1/4-20 x 1" Bolts
2	Rubber Breather Boots
2	1/2" -13 x 1" Breather Bolt
2	Spacer/Collar Slotted Cup Washer
2	5/16-18 x 3/4" Bolt
2	5/16 x 19 Washer

FITS:84-99 EVOLUTION BIG TWINS WITH CV CARB



Fits 1984 thru 1991 models <used on mounting bracket>

PROCEDURE

STEP 1 Remove the stock air cleaner assembly.

STEP 2 Install the gasket with 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 thecarb. If there is a gap between the heads and the support bracket, push the carb inward toeliminate this gap. Tightening the breather bolts when a gap is present here will likely resultin 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 breathermanifold. 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 encapsulatingthem.

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

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. Take one of the intake gaskets, and place it over the three mounting screws now protruding from the back of the back plate.

to be continued

DO NOT place a bolt through the float bowl vent hole. This hole is the one in the 10-o' clockposition.

STEP 9 Hold an intake gasket in position between the breather manifold and the supportbracket. Position the back plate over the breather manifold and install the back plate to thecarb/ support bracket/ breather manifold assembly. Tighten these bolts securely, but don' tover 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 thevent hole is open at the 10 o' clock position.

STEP 11 You now can place the air cleaner into place and secure with the filter cage. Insertthe 3 supplied 1/4" -20 x 1" fasteners in from the back side of the back plate into thefilter cage and tighten.

IMPORTANT

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

INSTALLATION

TO USE SCREAMIN EAGLE STYLE CRANKCASE BREATHERS WITH THIS KIT, PERFORM THESE EASY MODIFICATIONS: shows late style Screamin Eagle breather adaptors and banjo bolts, Harley- Davidson P/N 29476-99 hoses and breather adapter.shows early style Screamin Eagle breather and banjo bolts.

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

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

NOTE

The Screamin' Eagle assembly will be installed over the carbsupport 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 is recommended and sold separately.

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

Thanks for buying our product !!