LA-2390-02
xXx BIG AIR KIT - H-D XL Models

Revision: 2.5 - 04/22/2010

CAUTION! We Strongly recommend that a qualified technician install this kit if you do not completely understand the instructions prior to the install.

INCLUDED IN THE KIT:

(1) Chrome Main Body	(2) Chrome Main Body Standoffs
(1) Main Body Sub-plate (Black)	(1) Black Filter Cinch Plate
(1) xXx Cover Finish Chrome	(3) Standoffs (Raw)
(1) xXx Chrome Screen Mesh	(1) Custom xXx Filter
(1) 1/4-20x1/2 Long Polished SS Flat Head	(3) 1/4-20x1 Alloy Steel Set Screws
(2) Custom 1/2-13 Breather Bolt	(2) Custom 3/8-16 Breather Bolt
(3) 1/4-20x 3/4 Alloy Flat Head	(1) Gasket

TOOLS REQUIRED:

Harley-Davidson Service Manual	5/16" Allen Wrench
T-27 Socket or Driver	Needle Nose Pliers
1/2" Socket or Driver	7/16" Socket and Open End Wrench
3/16" Allen Wrench	Blue Loctite®

INSTRUCTIONS:

1. First you must remove your stock air cleaner assembly and backing plate via the instructions in your service manual. The carburetor flange and threaded bosses into the cylinder heads should then be cleaned. Remove the backing on the supplied gasket and apply to the back of the large chrome backing plate.

2. Mount the large chrome backing plate to the cylinder heads via the supplied chrome spacers and breather bolts. Spacers have a lip that helps them seat flush in the backing plate. Be sure to use Loctite when securing the bolts. For Evo engines use the larger 1/2-13 breather bolts. For twin cam engines, use the 3/8-16 breather

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bolts. Tighten breather bolts lightly allowing minimal play in the backing plate for ease with next step.

3. Install the three supplied stand-offs w/studs through the backing plate and into the carburetor flange. Apply Loctite to the threaded studs on the stand-offs and secure finger tight (tighten down as much as possible by hand; they will be torqued in the next step). Secure the breather bolts to ~50 in/lbs of torque at this time.

4. Next install the seal plate that fits into the backing plate, sealing off the air/oil channels from the breather bolts. Place filter over seal plate and install black cinch plate with supplied black flat head bolts sealing the air filter and seal plate to the backing plate. To help with orientation, there is a small divot machined into the black cinch plate indicating the top center position. Be sure to apply Locktite to the three flat head bolts. Tighten the bolts to 50 in/lbs of torque.

5. Lastly, place the chrome screen into the xXx cover and install over the air filter using the supplied polished flat head bolt and Loctite. Tighten the bolt, clean off the cover and around the air cleaner assembly. Installation is complete. Be sure to clean and re-oil yair filter on a regular basis. Also, be sure to re-torque bolts after riding to ensure air cleaner assembly remains secure.

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