



Revision: 1.6 - 06/10/2010  
Install Time: 20 Minutes

**LA-2390-01/01B**  
**xXx BIG AIR KIT**  
**For 08-10 FLT Fly-by-Wire Models**

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**CAUTION!** We Strongly recommend that a qualified technician install this kit if you do not completely understand the instructions prior to the install. We recommend the use of the HD service manual in performing this installation.

**INCLUDED IN THE KIT:**

(1) Chrome Main Body	(2) Chrome Breather Spacers
(1) Main Body Sub-plate (Black)	(1) Black Filter Cinch Plate
(1) xXx Cover Finish Chrome	(3) 2.75" Standoffs
(1) xXx Chrome Screen Mesh	(1) Custom xXx Filter
(1) 1/4-20x1/2 Long Polished SS Flat Head	(2) Custom 3/8-16 Breather Bolt
(3) 1/4-20 x 3/4 Alloy Dome Screws	(1) Gasket
(6) 1/4-20x3/4 Flathead Allen Screws	

**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 remove your stock air cleaner assembly and backing plate (Refer to service manual).
2. Clean the throttle body and the area on the heads around the breather bolts being sure to have a clean smooth surface for a good seal.
3. Your new xXx filter assembly is lightly bolted together, please disassemble the main Body sub-plate from the chrome backing plate, remove the 1/4 20 Flathead spacers from the raw standoffs. Clean these screws by removing the assembly oil from the threads. Now re-install the raw standoff spacers to the chrome backing plate using Blue Loctite 243 and tighten the bolts to 8ft/lbs torque.
4. Peel the adhesive cover from the supplied gasket and attach it to the rear of the chrome backing plate, being sure the bolt holes align properly.
5. Loosely mount the large chrome backing plate to the throttle body using the (3) 1/4-20 x 3/4 Dome Head Screws. Now insert and align the chrome breather spacers into the rear of the backing plate and insert the 3/8-16 breather bolts.
6. 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 Loctite to the three flat head bolts. Tighten the bolts to ~15 ft/lbs of torque.
7. 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 your air filter on a regular basis. Also, be sure to re-torque bolts after riding to ensure air cleaner assembly remains secure.

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. LA Choppers bears no responsibility on installation costs associated with this product.  
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**Note:** Spacers have a lip that helps them seat flush against the backing plate.

**IMPORTANT:** Be sure to use Loctite 243 on all hardware and torque to proper spec. 15ft/lbs on the breather bolts and 8ft/lbs on the 1/4 20 Dome Head Screws.

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