xXx BIG AIR KIT (BAK) - Yamaha Roadstar (99-07)

Revision: 2.5 - 06/20/2011
Install Time: 30 Minutes

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

INSTRUCTIONS:

***BE ADVISED*: Installation of this Big Air Kit requires the installation of a special Needle and Jet kit for proper air fuel mixture. The Baron Needle/Jet Kit BA-2461-00 comes with the properly calculated configuration and is available separately.**

1. **Remove your fuel tank according to factory service manual procedures.**
2. **Remove the stock air cleaner from the right side of your bike.**
3. **Remove stock idle cable holder.**
4. **Using three 1/4-20x3/4" Black Flat Head Allen Screws install three standoffs into the BAK backplate. Be sure to use Blue Loctite®. Torque to 8-10 ft.lbs.**
5. **Thread Plastic Hose Fittings into the back of your new BAK backing plate. Be careful as these fittings can easily cross-thread or strip.**
6. **With the two 1/4-20x3/4" Socket Cap Screws, attach the the black motor mount to the back of the backing plate. The notches on the mount should be on your left when you install the plate.**
7. **Install the Neoprene hose onto your BAK backing plate and secure with the supplied zip tie. Be sure not to over tighten the zip tie and tear the hose. If you have a 42 or 45mm Mikuni carb, you will need to trim about 1/16" off this hose. Cut enough off for the hose to fit between the backing plate & the carb without bunching up.**
8. **Remove the metal hose clamp from your stock air box's rubber carb intake connector. Slip this clamp over BAK's neoprene hose, but not too tighten at this time. Make sure to install clamp with screw head facing rear of the bike. Take the assembled BAK backing plate and place it into position between the cylinders. Install crankcase vent hose on small male vent fitting located on rear of backing plate. The carb vent hose that was originally routed to a bracket on the rear of the stock airbox attached to the other hose fitting. Route this hose in such a manner as to make it inconspicuous from view, ensuring that it will not get pinched or blocked in any way.**
9. **Using the M6x1x25mm Stainless Socket Cap Screw and black spacer, secure the right side motor mount. Then secure the left side. Leave loose at this time.**
10. **Place filter over the spacers and into the groove on backing plate. Place cover plate onto filter. Gently guide the cover plate around filter to seat and seal filter. Insert three 1/4-20 3/4" Black Flat Head Allen Screws onto spacer mounts.**
11. **Using the 1/4-20x1/2" polished SS Flat Head Allen, attach mesh & xXx cover to black cover. Torque to 5 ft.lbs**
12. **Slide the carb boot clamp up against carburetor and tighten everything.**
13. **Re-install your fuel tank.**

Our install guides provide a basic outline on the proper installation of our products. Further tuning and/or fitment may be required. Barons bears no responsibility on installation costs associated with this product.
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