



Revision: 1.3 - 02/22/2010

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 Billet BAK Cover	(1) Black BAK Backing Plate
(1) Re-usable Performance Air Filter	(1) BAK Filter Raincoat
(1) Baron Power Cone	(3) M5 Chrome Button Head Screws (3)
(3) Numbered Stainless Steel Mounting Arms	(3) M6 Chrome Screws
(3) M5 Chrome Washers	(1) 1/4-28 x 1 5/8" Stainless Button Head Screw
(1) 1/4 -28 x 1 13/16" Zinc Hex Bolt	(3) M6 Chrome Washers
(2) 1/4" Aluminum Filter Spacers	(1) 1/4" Lock Washers
(1) 1/4" Flat Washers	(1) Baron Jet Kit (BA-2420RD)

TOOLS REQUIRED:

3, 4 & 5 mm Allen Wrenches	10 & 12mm Sockets
10mm Open-End Wrench	Phillips & Flat Screwdrivers
Pliers (Std. & Needle-nose)	Factory Service Manual

INSTRUCTIONS:

NOTE: We recommend the use of blue Loctite on all fasteners and mounting hardware.

The following directions will provide the information necessary to properly install Baron's Big Air Kit, provided our Jet Kit (BA-2420-RD) has already been installed according to our instructions. With your tank removed you can begin the installation process as outlined below.

1. The Baron Big Air Kit (BAK) comes unassembled. First, attach the Power Cone to the inside of your BAK cover with supplied double-stick adhesive tape. Next, place your Performance Air filter in the groove on the cover; make sure the filter seats properly to make a complete seal. Place the supplied 1/4-28 X 1 13/16" Hex Bolt, 1/4" flat washer in the backing plate in the top center mounting hole. Insert one aluminum filter spacer on each of these bolts. Now install the backing plate onto the air filter. Again, align the filter with the groove in the backing plate and tighten the mounting hardware.

2. Take the (3) supplied mounting arms and attach them to Baron backing plate in the correct position as indicated by stamped numbers on the arms and corresponding numbers on the backing plate. Use the supplied 5mm X 10mm screws to attach mounting arms to the backing plate and tighten firmly (be sure to use blue Loctite on each screw). NOTE: Mounting arm stamped #2 rests on top of lower button-head screw in backing plate.

3. Remove rubber grommets and washer inserts from the plastic mounting arms of the stock Yamaha air box. Install these parts in the chromed mounting arms in your Baron kit. It is easier to install grommets if you remove washer inserts first. Once the grommets are installed, push washer inserts in from the rear so washer will be against the engine mount points.

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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4. Remove metal hose clamp from stock air box's rubber carb intake connector, Slip clamp over BAK's rubber intake boot, but do not tighten at this time. Make sure to install clamp with screw head facing rear of the bike. Take the BAK assembly with mounting arms attached 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 should be shortened slightly and allowed to vent to the atmosphere. 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.

5. Install BAK assembly onto carburetor and insert chrome bolts and washers into each mounting arm and tighten (we recommend using blue Loctite).

6. Slide carb boot clamp up against carburetor and tighten.

Check all linkages for interference, check all hoses for kinks, check all bolts and hardware for tightness and then check throttle action for smooth operation. You are ready to ride. Perform final idle mixture screw adjustments per instruction supplied with your Baron Jet Kit.

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