Revision: 5.2 - 05/24/2010
Install Time: 30 Minutes

We recommend the use of the factory service manual and following our instruction guidelines. When installation is complete we suggest a qualified service center test the vehicle for proper tuning.

INCLUDED IN THE KIT:

(1) Chrome or Black BAK Cover	(2) 1/4" Lock Washers
(1) Black Intake Backing Plate	(4) M5-.80 x 16mm Button Head Allen Head Bolt
(1) Re-usable Performance Air Filter	(1) M6-1.0 x 100mm Flathead Bolt
(1) BAK Filter Raincoat	(1) Thick O-Ring
(1) Baron Power Cone	(1) Short piece of 5/16" O.D. Fuel Hose
(2) 1/4-28 x 1-13/16" Hex Bolt	(1) 3 1/4" L x 1/2" O.D. Spacer Tube

TOOLS REQUIRED:

4mm & 5mm Allen Wrenches	10mm Socket and 4" Extension
Medium Tip Phillips Screwdriver	Socket Driver

INSTRUCTIONS:

RECOMMEND: Use Blue Loctite® on all threaded hardware.

NOTES: Before you begin, be sure to check your BAK kit contents against the hardware list above. To help ensure your BAK cover does not get scratched or damaged during installation, we suggest you slice the plastic covering around the base of the packaging, so you can leave the plastic in place during the installation.

1. Remove the stock air cleaner from the right side of your bike by unscrewing the (4) 5mm allen screws around the outside edge of the chrome cover.

2. Remove the chrome cover and then remove the air filter.

3. Remove the 10mm hex head bolt located inside the bottom portion of the black air box using your extension and 10mm socket.

4. Remove the (4) 5mm phillips screws from the air box that surround the throttle body. This will allow the air box to be removed from the bike and placed aside. You will not reinstall this part.

5. Slide the thick O-ring (Supplied) over the crankcase vent return located at the 10 o'clock position on the throttle body and be sure the o-ring is pushed back as far as it can go.

7. For the next step you will need the following items: Backing Plate, Short piece of 5/16" and Fuel hose - Take the backing plate and insert the 5/16" fuel line into the counter-bored hole on the rear (side without the groove) in the 6 o'clock position.

8. Put Blue Loctite® in the four threaded holes at the corners of the throttle body.

9. Place the backing plate against the throttle body being sure the plastic fittings at 10 and 6 o'clock side into and through the o-ring and fuel hose, push the plate against the throttle body, insert the (4) M5-.80 x 16MM

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flange head cap Bolts and get the threads started. Tighten these bolts until the heads touch the backing plate. Then complete the tightening using a standard torque pattern (10 - 4 - 2 - 8 o'clock) tighten all bolts fully.

10. Take the large spacer tube and insert it between the rear of the backing plate and the lower air box mount bolted between the cylinders. Take the M6-1.0 x 100mm Flathead bolt and insert that through the backing plate and spacer tube then tighten it into the mount between the cylinders. Be sure to put Blue Loctite® on the threads.

11. Attach the power cone to the rear of the cover plate using the double faced tape pad supplied in the kit, center the point of the power cone directly opposite of the throttle body as possible. Clean the rear of the cover plate with glass cleaner or similar then peel the cover off the adhesive pad on the back of the power cone and press it firmly in place. Press and hold the wide base of the power cone firmly against the pad for 30 seconds.

12. Take the backing plate and place the air filter into the filter groove seating and sealing it in place.

13. Install the 1/4" lock washers, then the 1/4" flat washers on the 1/4"-28 x 13/16" hex bolts and insert these through the rear of the backing plate. Install one of the 1 1/4" aluminum spacers on each bolt and put a drop of Blue Loctite® on the end of the threads.

14. Being sure the filter remains seated/sealed against the filter groove of the backing plate, place cover plate against the filter being sure it slides into the filter groove and seats/seals on the filter groove. Make sure the aluminum spacers stay on the bolts while you do this. Now get the threads started on each bolt and then tighten them firmly in place.

INSTALLATION IS COMPLETE

***AIR/FUEL:* We recommend you have your Air & Fuel mixture checked by a properly equipped tuning center for proper ratio. Our testing of the Honda Fury equipped with a stock exhaust system and our Big Air Kit (BAK), produced an acceptable ratio between 12 and 14 to 1 with a stock ignition system and no EFI modifier.**

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5221 Oceanus Drive • Huntington Beach, CA 92649 • (925)583-2499 - Ph. • (714)901-0520 - Fax • www.baronscustom.com • tech@baronscustom.com