BIG AIR KIT - Yamaha V-Star 950 & V-Star 1300 (All models)

Revision: 3.0 - 03/30/2010
Install Time: 30 Minutes

We recommend the use of a factory service manual for all installations. Our instructions are for use a guide only.
We suggest when running the BAK with other than stock exhaust pipes you should have your air/fuel mixture analyzed to determine if you need a fuel injection modifier like a Dynojet, Cobra, TFI or similar.

INCLUDED IN THE KIT:

(1) Billet BAK Cover	(2) 6mm x 1.00 x 16mm Cap Head Allen
(1) BAK Backing Plate	(2) 1/4-28 x 1 13/16" Hex Bolt
(1) Re-usable Performance Air Filter	(2) 1/4" Lock Washer
(1) Throttle Body Adapter Plate	(1) Nylon Nipple Pre-installed
(2) Power Cone	(2) Aluminum Filter Spacer
(1) Filter Raincoat	(1) Installation Guide
(3) 5mmx.80x10mm Cap Head Allen Bolt	

TOOLS REQUIRED:

3, 4 and 5mm Allen Wrenches	10mm socket
Blue Locktite®	7/16" open or box end wrench
Pliers (Std or Needle Nose)	Factory Service Manual

INSTRUCTIONS:

NOTE: This is a very easy install and it is not necessary to remove the fuel tank to do this installation.

1. Remove the (4) allen head screws on the outside of the stock chrome air cleaner cover.
2. Once the cover is removed, take the stock air cleaner and remove it from the filter.
3. Remove the (3) allen head bolts located at upper left and right corner and the one at the lower center of the throttle body.
4. Remove the 10mm hex-nut located at the bottom of the black air cleaner.
5. Reach behind the front right side of the air cleaner with pliers and pinch the hose clamp on the crankcase vent hose so you can pull the hose from the fitting on back.
6. Remove the filter mount assembly from the bike.
7. Place the black aluminum throttle body adapter plate against the throttle body and using blue *Loctite*® insert the (3) 5mm x 10mm x .80 cap head allen bolts tighten the bolts firmly against the throttle body.
8. Place the oval BAK backing plate against the Black adapter plate and using the blue *Loctite*® insert the (2) 6mm x 16mm x 1.00 cap head allen bolts into the first and third holes at the center of the backing plate and firmly tighten them into the backing plate.
9. Take the Baron air filter and insert it in and over the track cut into the backing plate.
10. Place the 1/4" lock-washer against the heads of the hex bolts and from the rear of the backing plate insert the (2) 1/4 28 x 1 13/16" hex bolts through the backing plate.
11. Place the (2) aluminum spacers onto the bolts (you may want to use tape across the hex bolts to hold them in place) Note: Do not forget to install the spacer tubes or you will crush the filter.
12. Take the chrome BAK cover and place the two power cones on the back side of the cover inside the two grooves of similar diameter. Clean the cover with glass cleaner or equivalent then firmly press/hold the cones in place for 30 seconds. (Caution the cones are sharp, please be careful) Now insert the chrome cover over the filter being sure to get the rubber filter to seat fully in the oval track.
13. Reach around behind the BAK with pliers and reattach the rubber hose onto the nylon nipple.
14. Starting with the upper of the two bolts get the hex bolts threads started into the back of the chrome cover. Being careful to keep the filter in the track cut into the backside of the chrome cover. Now tighten these bolts

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fully. You're now ready to ride!

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