xXx BIG AIR KIT - Yamaha V-Star 950 & 1300 Models

Revision: 3.2 - 02/16/2011
Install Time: 20 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, Kuryakyn, Cobra, TFI or similar.

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. Take the 2-3/4" aluminum spacer and put Blue Loctite® in the end that is turned down. Using a 1/8" allen wrench thread the 1.00" set screw into that end until it seats.

8. Put Blue Loctite® on the exposed end of the set screw and thread it into the counter-bored hole directly between the two large intake holes in the front side of the aluminum throttle body adapter backplate and tighten this spacer firmly.

9. Put Blue Loctite® in the ends of the two 2-1/2" aluminum spacers, set them into the shallow counter-bored holes in the same plate. Using a 5/32" allen wrench thread the two 1/4-20 x 3/4" flathead bolts into them from the rear of the backing plate and tighten firmly.

10. Thread the barbed plastic nipple into the large threaded hole on the rear of the backing plate.

11. Be sure each of the (3) aluminum standoffs has Blue Loctite® in the threaded ends.

12. Place the performance air filter up to and over the recessed groove on the backing plate.

13. Set the machined side of the black air filter retaining plate against the front of the filter. Notice there is a small indention drilled into the front of this plate. This is to assist in aligning the (3) holes in the face with the standoffs. Rotate the drilled indention to approximately 7:30 (clocked position) to align the standoffs properly with the holes.

14. Be sure the filter is seated in the grooves of the plates evenly. Thread the remaining (3) 1/4-20 x 3/4" flathead screws into the standoffs and tighten them firmly.

15. Reach behind the assembly and insert the crankcase vent hose onto the barbed plastic nipple.

16. Put Blue Loctite® in the threaded hole in the center of the black filter plate.

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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17. Place the chrome mesh cover inside the recess of xXx cover and insert the (1) 1/4-20 x 1/2" flathead bolt through the hole in the center.

18. Lay this assembly across the front of the filter plate and thread the flathead bolt into the center. Before you tighten this fully you should align the xXx cover design so it sits with the rotation of the X" properly oriented. Now tighten the bolt firmly.

AIR/FUEL MIXTURE: **Using a stock exhaust system with the xXx Big Air Kit our testing proved there was no need for an EFI modifier from Dynojet, Kuryakyn, Cobra, TFI or similar. We recommend you have your bike's air/fuel mixture ratio checked at a qualified tuning center to determine whether you need an EFI modifier.**

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