

04 Yamaha V Star 1100 BIG WILLY *Mounting Instructions*

Thank you for buying a BUB! We are committed to producing a quality product that with proper installation and care should last for many years to come. If you ever have any questions, feel free to give us a call.

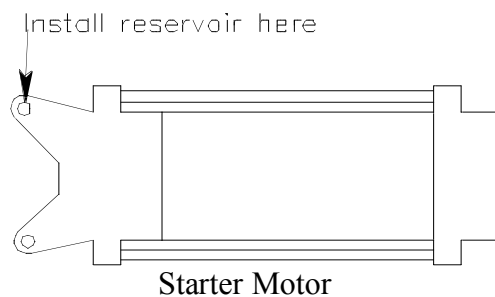
INSTALLATION

The first step is to remove the right side floorboard/brake pedal assembly. Remove the stock exhaust, including the stock mounting bracket. You will also want to remove the rear brake fluid reservoir from the stock mount. Install the spiral exhaust rings and flanges on both pipes. To do so observe the following guidelines: ***With each header, slip the machined flange over the inlet slip of the header. The machined groove will face toward the inlet end of the pipe. To install the spiral ring, simply start at one end of the spiral and pull it down over the side of the exhaust slip and thread the ring around the slip until the entire ring is worked down past the slip and onto the header. The ring will fit in the machined groove of the flange when you install the header into the exhaust port.*** (Also, we recommend replacing the stock exhaust gaskets when installing our system.)

Next, install our mounting plate using the two 8mm x 1 .125 bolts inserted through the plate, through the two .500 spacers, and into the frame. (note: the plate runs horizontal, the larger, radiused end matches the frame radius with the spacers between the plate and the frame) With flanges and snap-rings in place, offer the front header to the bike and install the flange nuts finger tight. Insert two of the 5/16 x 1 1/4" hex bolts into the rear slotted bracket of the pipe. Insert a .375 spacer over each bolt and insert the bolts through the bottom two remaining holes in the mounting plate. Back each with a flat washer and nylok nut, leaving finger tight for now. Repeat same mounting procedure with rear pipe. Now align both pipes and tighten the entire system, as evenly and unbinding as possible.

Install the heat shields using the mounting springs provided. The springs wrap around the backside of the header and attach to the shield in the corresponding holes.

The next step is to relocate the rear brake master cylinder reservoir. Remove the bolt that holds it in place at the frame bracket. Next, remove the top left side bolt that mounts the starter motor to the engine case. Using the longer 6mm bolt and the steel spacer provided, remount the brake reservoir and the reservoir heat shield in the new location.



(over)

(continued)

Once the brake reservoir has been relocated, reinstall the floorboard/brake pedal assembly using two .250 spacers between the floorboard mount and the frame. You will also need to space out the master cylinder, also using two .250 spacers between the master cylinder and the frame.

DETAILS, DETAILS

Clean the pipes thoroughly before firing as grease or fingerprints will become permanent with heat! We use a quality glass cleaner and a clean, soft cloth. Check all fasteners after the first ride, and again at all service intervals.

Have fun and thanks for buying a BUB!

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