

## DUAL FISHTAIL EXHAUSTS – V\*STAR 1100 – By Turk1938



The process of converting the rear cylinder to take a left side exhaust pipe was relatively straight forward.

(Note: I purchased a complete exhaust system to work with – to let me go back to stock if needed, but you could do this with your existing stock system if you did not want to be able to revert.)

The steps:

- Removed the rear pipe, and the rear manifold elbow.
- Reversed the elbow and reinstalled on the rear manifold.
- Removed the heat shield from the rear head pipe.
- Had the pipe extended and re-bent, so it would come down to match the other side and so that it would clear the left side transmission cover. (Note: The first time around I used the rear header pipe as it was, but it kept burning my leg)
- Note: the stock pipe is modified in two different areas:
  - it is made longer from front to back,
  - at the manifold it is made so it clears the side covers and the tool box cover
  - make sure they clear or you will do what I did and have to cut the heat shield after I had it chromed
- Installed a mounting brace (see picture)
- Had to cut some off the bottom of the left side (toolbox) cover, to clear the new pipe configuration.
- Had someone bend a 2 1/2 inch pipe the same shape as the pipe (the above steps) and then cut it split up the back to use as a heat shield.
- When all was fitted together and clearances were checked (grin), I had the parts chromed
- Purchased fishtail pipes and baffles. Originally I had gone with short fishtails (not shown) but decide on the longer one for a better look.
- Installed the parts.

I did all of this on a trial and error basis and, unfortunately, do not have any exact measures. Hopefully this write-up and pictures will get you started on your way to having an very, very unique 1100 – a true doolie!

It sounds complicated but if you have access to bending tools and a welder it is not that bad. I am not authority on this but I had the idea and someone else told me some of what to do.



Rear Manifold Elbow – Reversed



Rear Header Pipe – Extended, Re-bent



Seen From Above to Show Clearance



Assemble Pipes, Without Shield



Full Setup, Without Shield



New Front Pipe With Mounting Bracket





New Shield, With Leg Shield Mounted



Oops, Cut-off Shield, Remounted



Close-up of Finished New head Pipe



Full View of Left Side



The Other Side



Cover Mod / Cut-off to clear pipe.