

HOW TO INSTALL A 1990 GSXR 750 WHEEL ON A 1990 FJ1200

First, you will need to source a wheel and brake system from a GSXR 750. You will need the entire wheel pack as well as all the brake components. You will need everything from the master cylinder down and the brake torque arm from the Suzuki.

I highly recommend getting all the parts from a single bike, instead of buying it piece meal. This way, you are assured of getting all the parts you need.



This mod is not difficult at all. Not much different than taking your wheel off to have the tire done. Only difference is that you will be replacing your skinny 16 inch x 3.5 inch stock FJ wheel with a fat 17 inch x 5.5 inch one.

Parts I had to purchase to do the swap:

- Dunlop Roadsmart 170/60-17: \$135
- JT steel 40 tooth GSXR sprocket: \$45
- EBC brake pads: \$25
- 8 x 1.25mm Grade 8 (or better) bolt.
- 2 nuts and flat washer for above bolt.
- 2 Stainless Washers, 4mm thick.
- All hardware cost was under \$7.50.

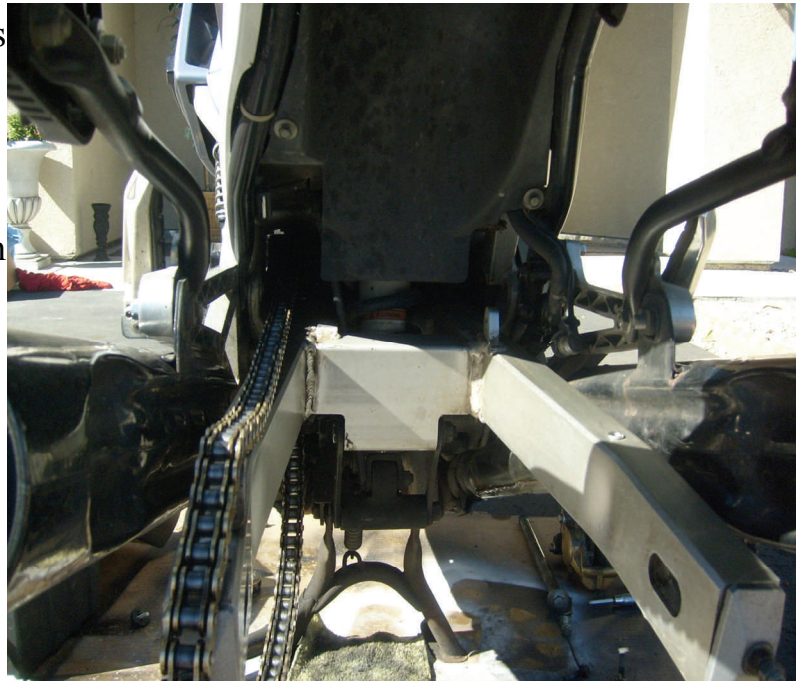
Brake pads and sprocket were sourced on E-Bay. The hardware I bought at ACE.



First thing you will want to do is remove the chain guard, rear brake assembly and associated hardware.

Remove the brake line but retain the master cylinder. I just screwed the banjo bolt back in to help keep brake fluid from leaking. Brake fluid will ruin your paint, so be careful.

Give her a bit of a clean up while your there. It'll make the job easier.



Disassemble the GSXR caliper from the caliper holder and the brake torque arm. This will make it easier to re-assemble later.

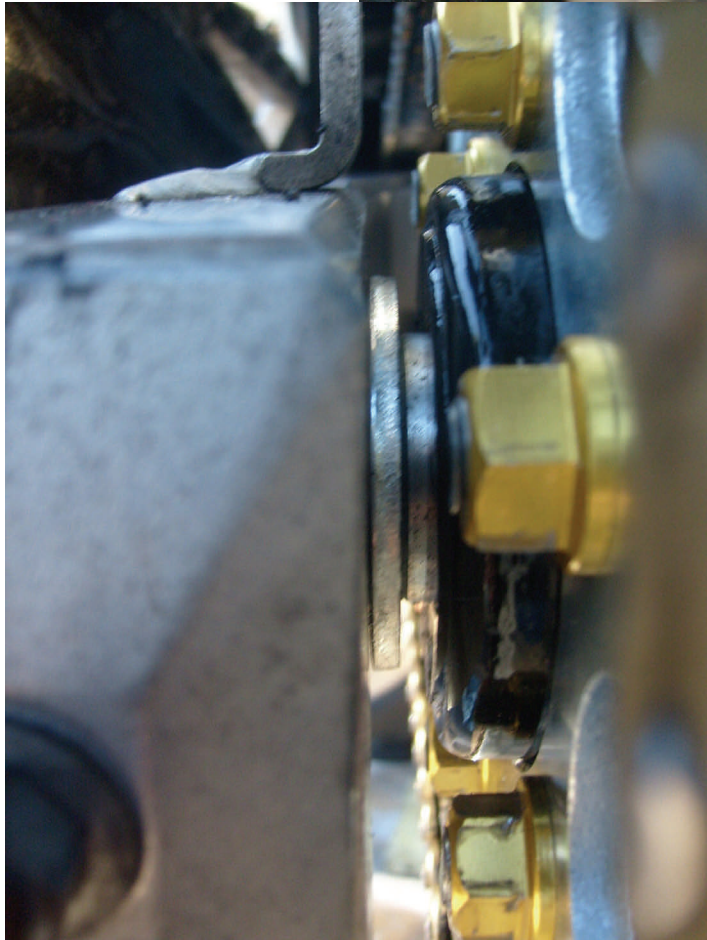
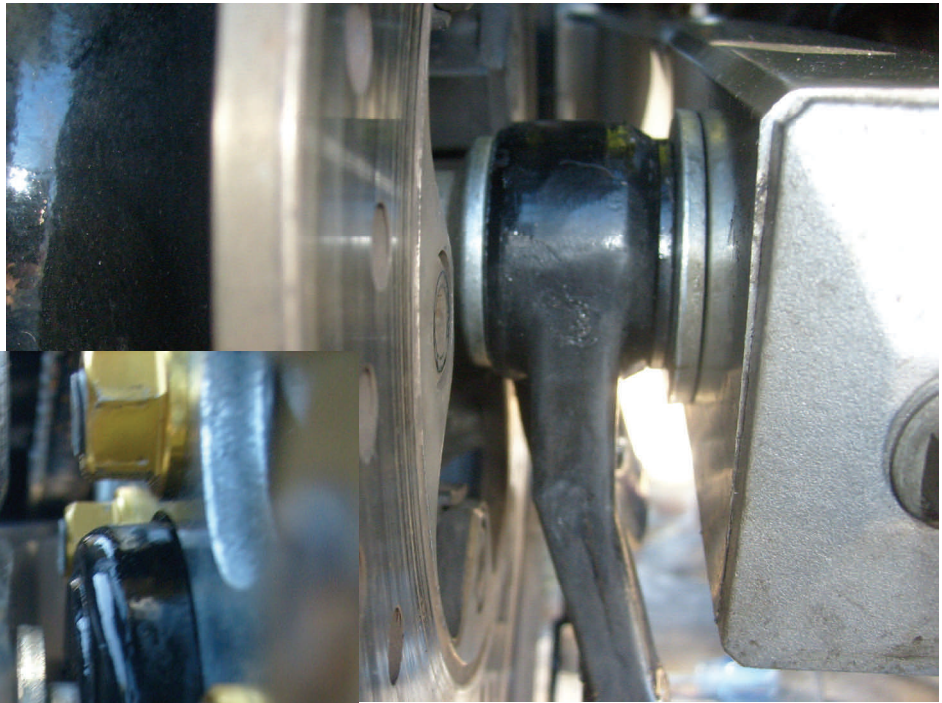
Install the brake torque arm. I removed the lower right footpeg bolt and drilled out the hole. I then inserted the 8x1.25mm bolt.

I fit the torque arm to the bolt and held it with a washer and one of the nuts. I then used Locktite on the second nut to secure it in place. This pic was taken during the mock up. You will want to place a washer on both sides of the brake arm before installing the nuts. This way the arm can pivot.



Now install the GSXR wheel into the wheel well. I used a couple pieces of plywood to raise the wheel up to line up the axel and swingarm. You will use the FJ's axel for this job.

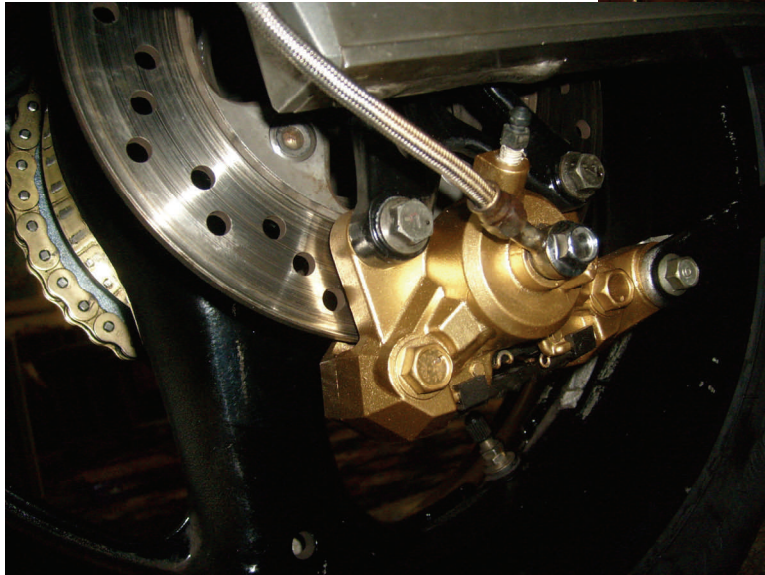
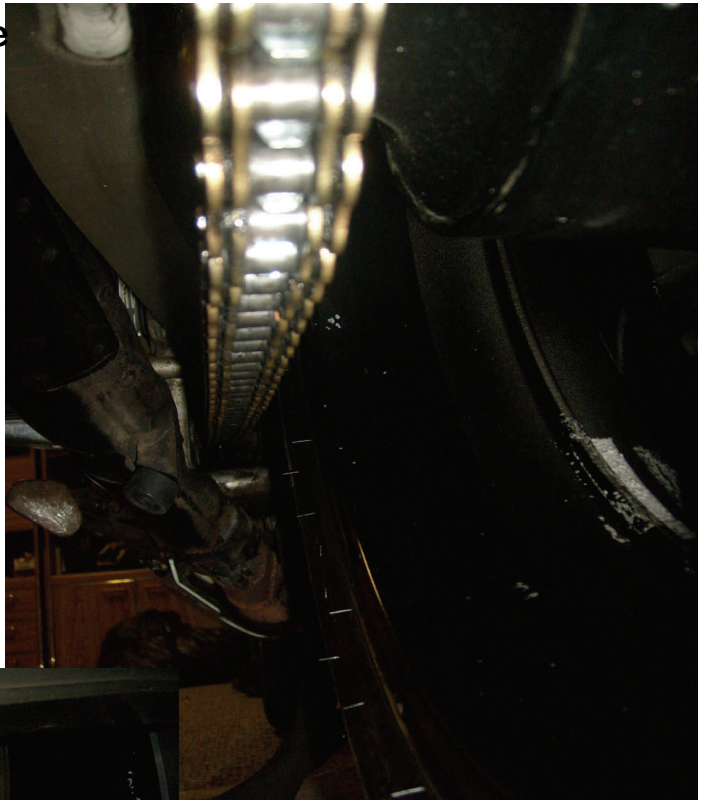
As you insert the axel, you will hold the caliper carrier, wheel spacer and 4mm washer together. This was the biggest hassle of the whole mod.



Then set up the sprocket side as shown here. 4mm washer goes between the swingarm and wheel spacer.

Make sure that your chain is nice and straight from the counter sprocket. Should fit just fine if installed as out lined in the previous step.

Then install the brake caliper to the caliper carrier and run the GSXR brake line to the FJ's master cylinder and bolt it on.



You will need to move the brakeline to about 10 o'clock and run it up and over the top of the swing arm thru the stay on top of the swingam.

Adjust the chain, tighten down the axel, bleed the brakes. Bleed the brakes using both bleeders, out board one first and then the inboard one.

YOU ARE DONE!!!! Now go out and enjoy your new wheel.

