

Marthy

Motorcycle Exhaust Solution

www.marthymotorcycleexhaustsolution.com

martin@marthymotorcycleexhaustsolution.com

Yamaha FZ6R 2009-2013 DIY Exhaust kit instruction

Congratulations on the recent purchase of your “do it yourself” Marthy exhaust kit. The process is relatively easy if you follow these few simple steps.

Here’s what you need:

- Hacksaw
- File to remove bur and smooth out edges
- Hammer
- Tig welder (or have access to one)



First step is to remove your exhaust system from your motorcycle. Once it is off the motorcycle, you can hold the headers in a vise for the cutting part. Using a rag to put around the primary pipe will avoid damage.

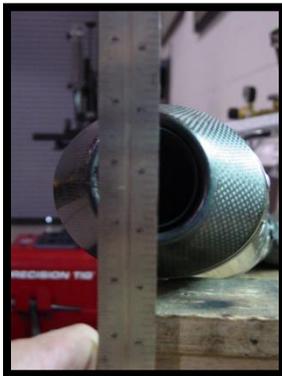
Second step, is to cut the big can off the headers. This is the most critical part; you need to cut as straight as possible; using a good hacksaw with a brand new blade is highly recommended (18T per inch). (As seen in picture on the left) the can need to be cut off the headers right between the O2 sensor plug and the 3” diameter weld mark. Clean up and smooth out all sharp edges with a file when you are done.



Next step is to fit the adaptor into the headers. The headers part should be slightly bigger to let the adaptor fit in. That should give you some adjustment to aim the slip-on. The best way to do it is to fit your headers on your motorcycle, slide your slip-on on the adaptor and hold it in place to figure out where the adaptor needs to be welded. You can use a marker to make few reference points. At this time, disassemble your headers from your motorcycle. From here you can spot weld the adaptor at 2 places to do a pre fit on your motorcycle, before welding the adaptor

completely.

With your headers sitting flat on the table and your slip-on on the adaptor (as seen in the picture bellow) you need 7" (178mm) from the table to the top (the highest point) of the slip-on. Now it's time to install your headers on your motorcycle, to verify if you aimed it properly to clear the swing arm (minimum $\frac{1}{2}$ " or 13mm) and have enough room to clear the brake lever when the rear brake is applied.



Once, you double check the fit to make sure you have all the necessary clearance; you can proceed on welding your adaptor all around to your headers. As you go you can use your hammer to fold the extra material from the headers over the adaptor to close the gap and make a good fit.

If you want to clean up the welding mark you can use water and scotch brite. Since the adaptor is made out of steel I would suggest you to apply some heat resisting paint over the adaptor to match the headers and avoid rust.

Before installing the exhaust, I will suggest you to bend the OEM exhaust hanger to match the angle of the slip-on. I can be done off (preferred) or on the bike. Up to you...



Then remove the top 6mm bolt and loosen up the bottom one to let the hanger pivot down and meet with the exhaust strap. Once all attach together make sure everything is all tight. Not using the exhaust strap might end up breaking the slip-on on the inlet side due to excessive vibrations. (Sorry for the dirtiness, haven't clean my bike in a while 😊)



NOTE: The adapter has been sprayed with WD-40 to keep it from rusting. It should be clean before welding not to contaminate the weld.