

KK4NDE CLIP-27 Belt Clip Mod for Yaesu VX-6

The stock belt clip on my VX-6R is a plastic clip instead of a spring-loaded movable clip; this means after some amount of flexing it will fail. I finally did locate a replacement (Gigaparts ZYSP-RA064990A) but I expect it will also fail the same way after a bit of use.

I figured that there had to be another clip I could modify that would be more durable or reliable designed for another model of radio – after a bit of searching I found the Yaesu CLIP-27 which is a simple looking spring clip design with the same single-screw the VX-6.



The one problem with this is the CLIP-27 has a rectangular block sticking out where the VX-6 has a “key shape” notch, meaning the clip will not fit directly. The good news is the CLIP-27 is plastic (unlike some other clips I found) which makes it very easy to modify with simple hand tools.



Here are the tools I used:

- Hand file
- 5/16” drill bit
- 1/4 inch chisel

You could probably substitute some of them if needed such as using a multi-tool with a file and sharp knife if you are careful, I just used what was handy and I thought looked good.

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To start, I clamped the CLIP-27 in a vice and filed the rectangular portion flush with the rest of the clip backing. Be careful not to apply too much force since the spring can let it move.



Next, use a 5/16" drill to put roughly 1/16" deep recess in the area where the screw hole is to match the circular portion of the "key notch" on the radio

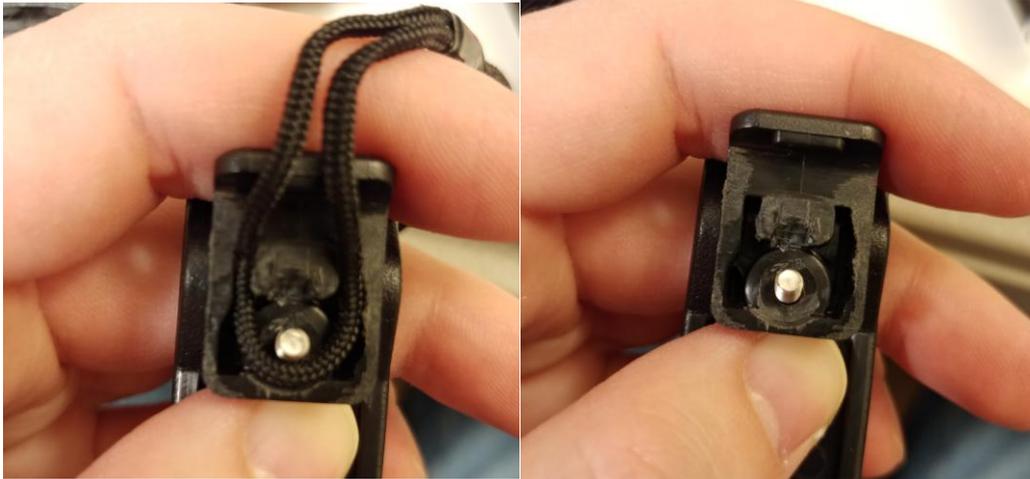


Now, back in a vice I used a small chisel to knock a small notch in the middle of the flat rectangular part to fit the upper portion of the "key notch" in the back of the radio.



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Now that the modifications are complete you can re-insert the screw and prepare to install it on the radio. There are a couple notches that, if you wish, seem to fit the wrist strap.



Here is the final result, installed on the radio:



One final note, if you use the drop-in charger it will now be necessary to depress the spring clip before it can insert into the dock.

