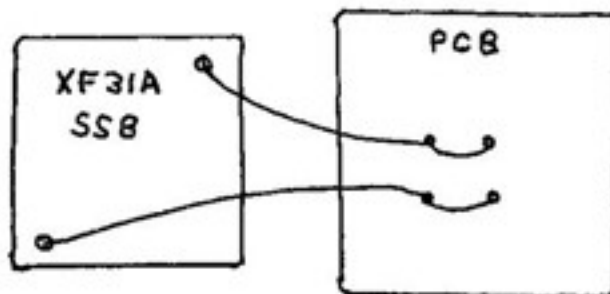


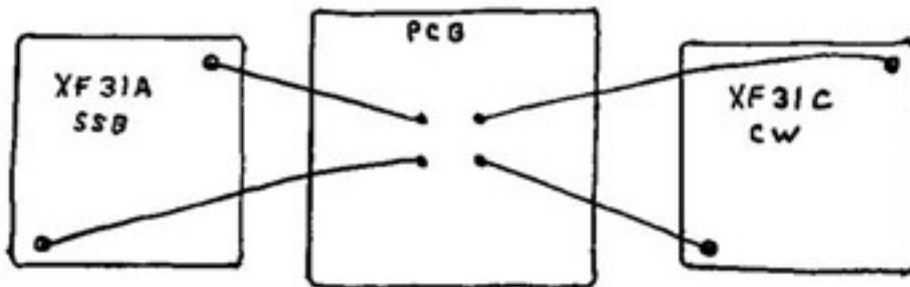
Installing a Yaesu XF31C 600HZ CW Filter in the FTDX560

The first thing I'd like to clear up for you is a little difference in the nomenclature of the filters. The schematic calls the filter XF3A for the SSB filter and XF3C for the CW filter. The filters themselves are marked XF31A for the SSB and XF31C for the CW. They drop the 1 as you can see. Yaesu tech says that it is not uncommon. I point this out so that if you see a XF31C on the net, etc., that is the one you need. The same filter is used in other sets in the series also so don't worry if it was from or for one of the other Yaesu transceivers during those years. If the filter itself is marked XF31C and CF 3179.3KC, that is the one you need.

The schematic shows both filters installed and the CW filter designated (optional). The filter network is on a small PCB on the underside of the chassis. Look under the SSB filter and follow the two leads to the center of the printed circuit board. There are four connection points easily seen in the center of the board. The two leads from the SSB filter go to two of the four connections and then there are jumper wires to the other two connections. See illustrations.



Simply mount the CW filter XF31C and remove the jumper wires. Using shielded cable, attach the two connections on the filter to the other two connections on the PCB and ground the braid. See illustration.



If you can locate one of these filters, it offers a vast improvement for CW operation of the 560 or other rigs in that series that call for the XF31C. I found a brand new filter on Ebay from a Canadian ham at a very low price. I believe he advertised it for a 400 but not sure. I know it was not for the 560 but after checking the schematic and talking with Yaesu, it was the same filter. Good luck. WQ2U