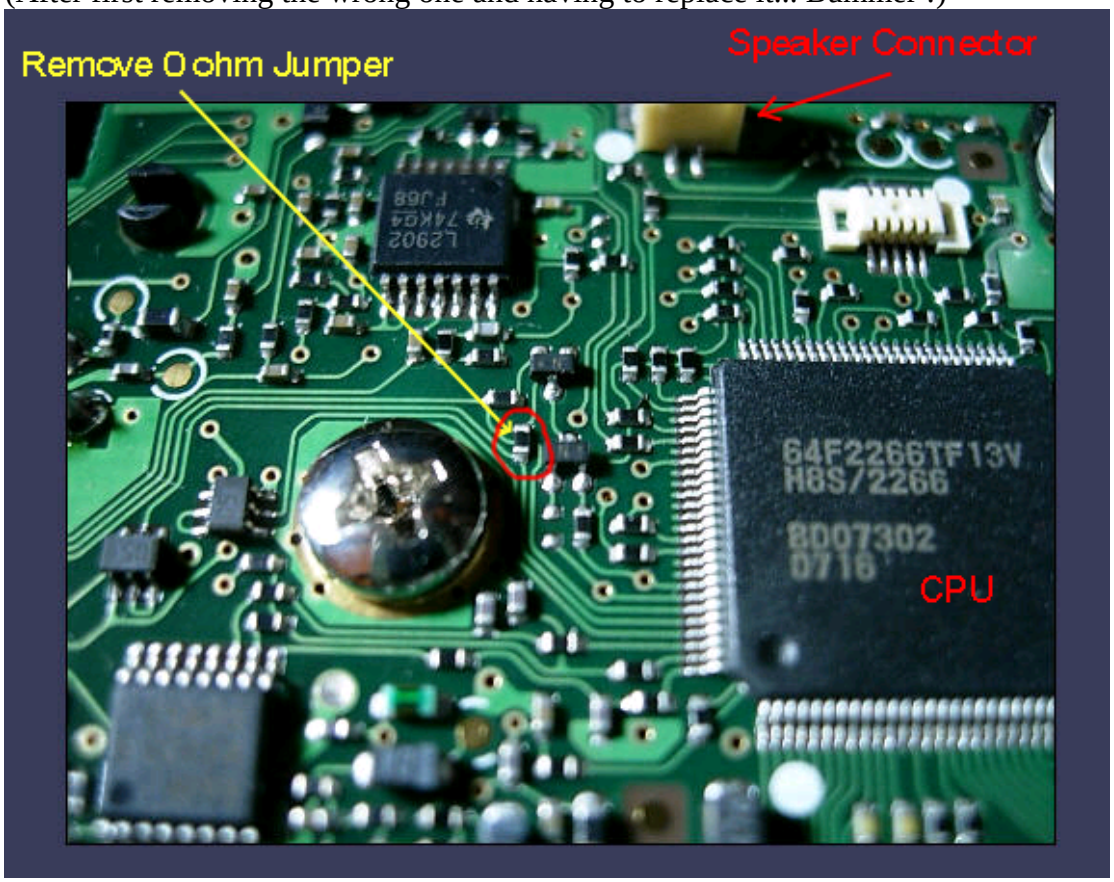
Yaesu FTM-10R Extended Tx & Rx Modification
Tx & Rx 140.010 to 173.995 and 430.010 to 469.995 Mhz.

I performed this procedure on my newly acquired **FTM-10R** on 1/8/2008 after prolong pondering. Remember, while this procedure worked for me it may **not** work for you and **I assume no responsibility for damage to your radio nor legal complications arising from your operating out-of-band.** This project should **not** be attempted unless you are comfortable working with very small surface mount components.
Ken Navarre, KC6IFF

1. I removed the four small Phillips head screws that attached the control head to the radio body. I separated the control head from the radio.

2. I removed the four Allen head bolts and washers from the radio's top cover. I removed the cover being careful not to pull on the speaker wires. I then disconnected the speaker and removed the radio cover.

3. With **EXTREME** care I removed the 0 ohm jumper shown below in the red circle. (After first removing the wrong one and having to replace it... Bummer !)



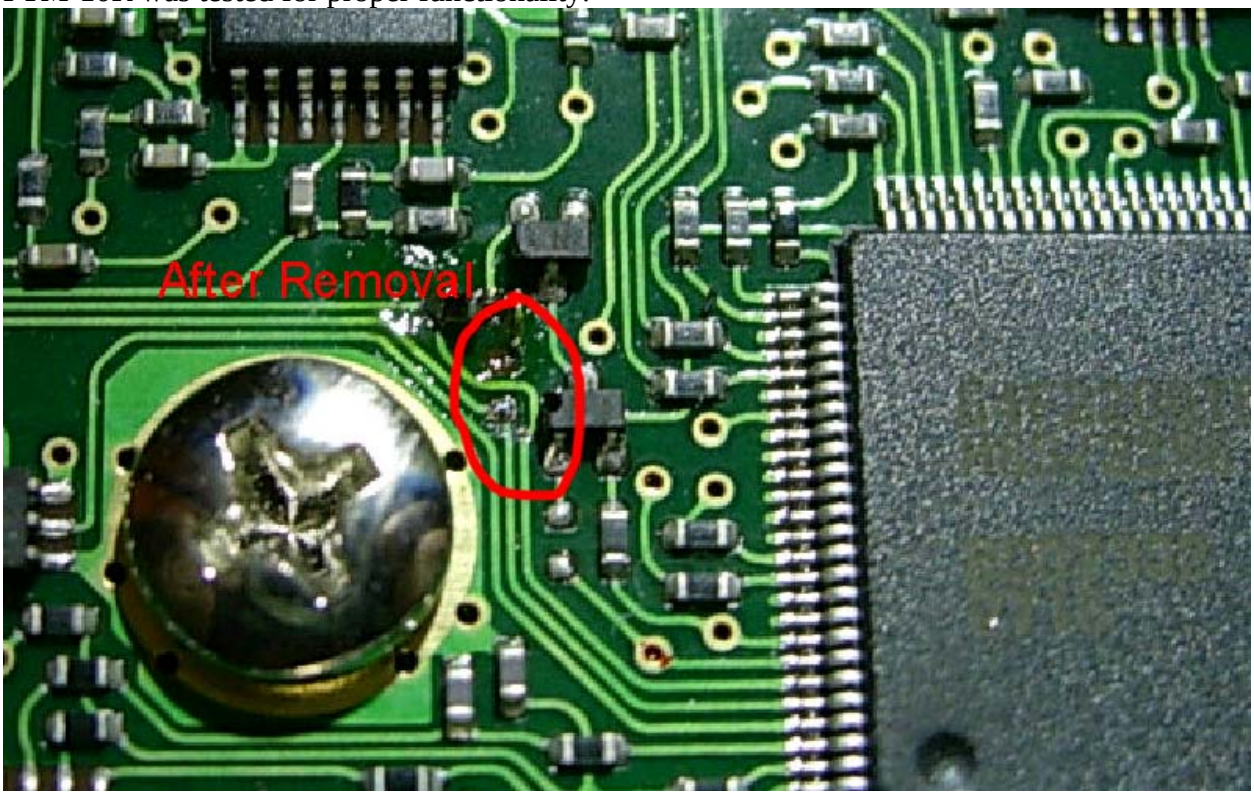
I used a very small needle point wire clipper to cut the jumper and carefully removed all the debris.

4. I reset the radio using the following procedure:
   - Press and hold the **[VOL/SEL]** key while turning the radio on.
   - Rotate the **DIAL** knob to the following **RESET MENU** item: **SF4 RSET SYS**
   - Press the **PTT** key. Confirm YES **[Y]** will be displayed on the display panel.
   - Press the **PTT** key again to RESET the radio system. **Note: This reset removed previously programmed channels.**

5. I reconnected the speaker connector and replaced the four split ring washers and four Allen head bolts. I tighten the bolts sequentially to ensure a good weatherproof seal.

7. Finally I reconnected the control head cable and reattached the control head to the radio body using the 4 Phillips head screws..

The photo below shows the former location of the 0 ohm jumper after it was removed and the FTM-10R was tested for proper functionality.



This modification permitted my FTM-10R to transmit FM from 140.010 to 173.995 Mhz. and from 430.010 to 469.995 Mhz. - Ken