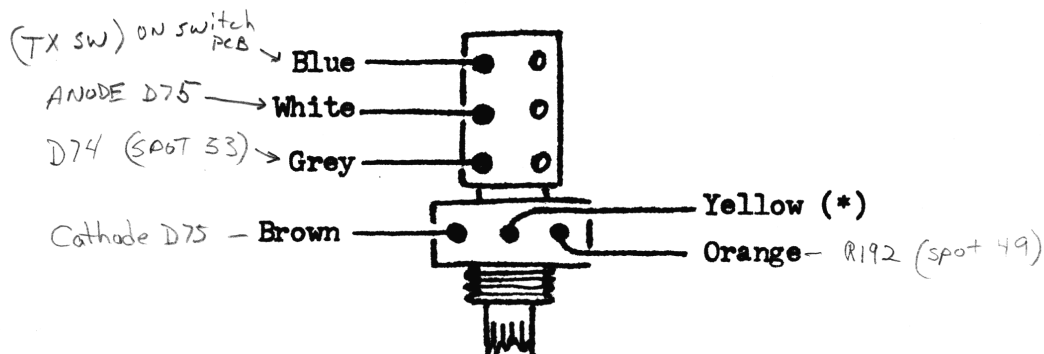


Excalibur SSB
Clarifier Modification
 by

The use of pull switch is bad 'Engineering Design'; as when pulling the switch out; will invariably move the setting. Why a dual control wasn't used I don't know....?

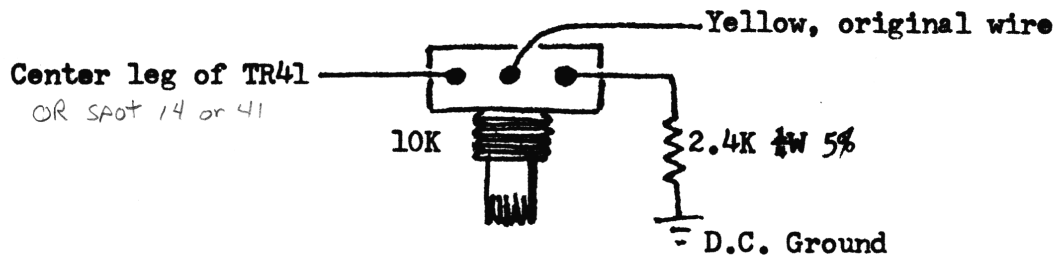
I got tired of playing with the unit I had on hand for check out, so pulled it out and replaced with a single pot. Conversion is below: **WARNING:** The shafts are longer than normal, and finding the correct length won't be easy. A 10K linear pot may be used as it was in this modification....

Original Wiring



CAREFULLY, Remove the Yellow wire from pot/switch. Then trace all other wires to point of origin on PCB and remove. The Blue wire goes to switch PCB, remove/cut off.

Rewire new pot as below, reference is correct physically!



Center up pot with knob on, realign PLL for desired offsets, gave $\pm 5\text{KHz}$ + in test unit.