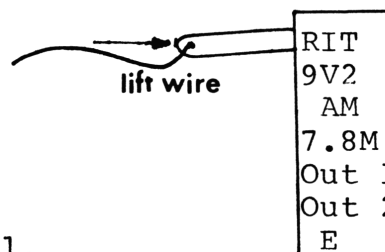


SHARP CB-5470 HD42851B3 CHIP

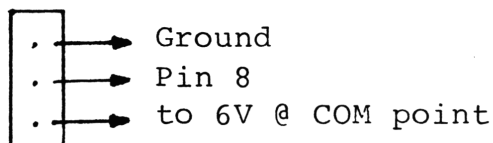
Clarifier-

1. Lift wire as shown at "RIT".
2. Solder in a new wire where the other was removed.
3. Solder the other end of the new wire to the center tab of clarifier control.

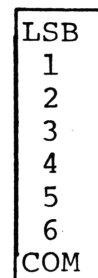
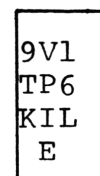


Channels-

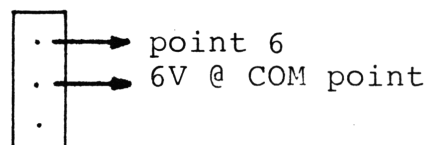
1. Remove the PLL synthesizer cover.
2. Locate and isolate pin 8 of IC201.
3. Wire up a SPDT switch as shown:



This will give channels 27.605-28.045.



For channels inbetween 405 and 605, wire up a SPDT switch as shown:



VCO coil - adjust T203 for full coverage. Stagger tune T204-T205 over full coverage with scope at TP204.

Transmitter Adjustments-

Adjust T305, T304, T303, T302, T301, L309, L306, L303, L302, L301 for maximum on USB, with a 1KHz tone. Do this 3 times. Adjust T205 for even power on all channels.

R339, SSB carrier null; C31, AM power; R541, AM modulation; R542, SSB ALC; R301, RF power meter.