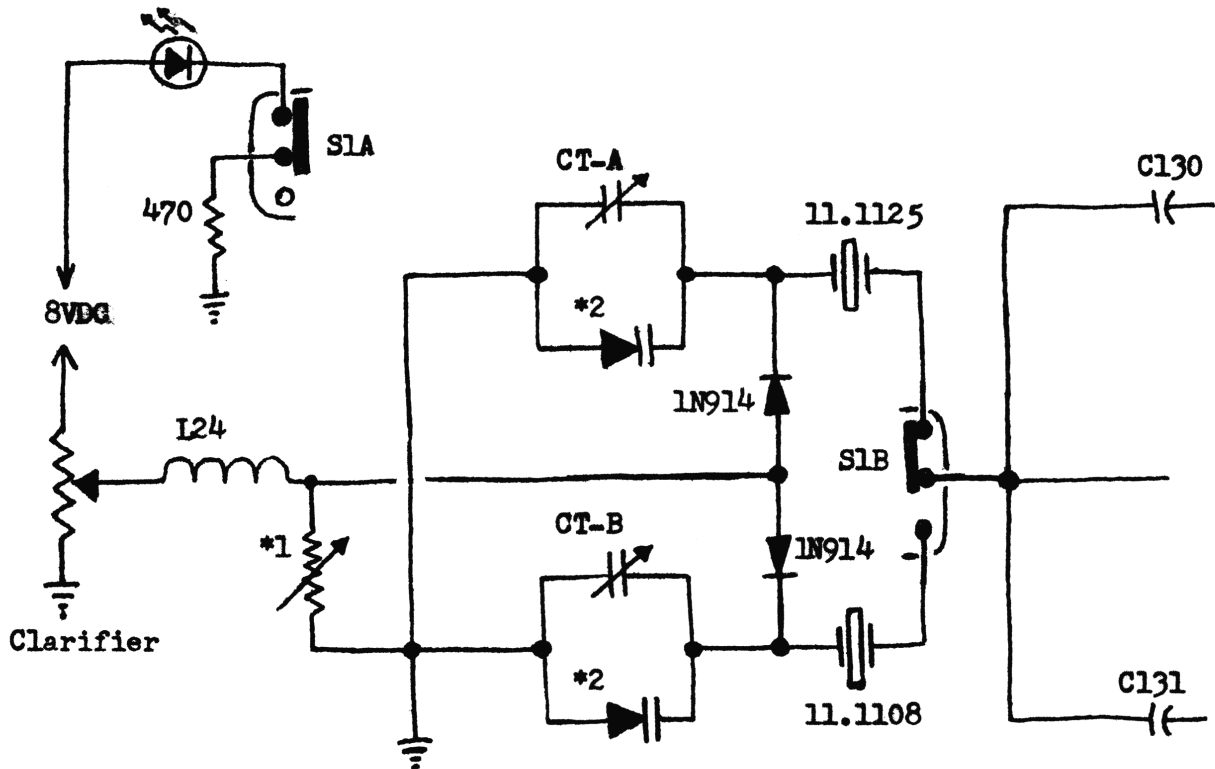


## MB8719-PLL CHASSIS - 5KC DROP

Do normal clarifier modification: DO NOT ADD CHOKE TO D37!

Remove CT3, D37, R143.....Follow the drawing below for building the new circuitry...



\*1 - 10K, 10 turn adjustment #RT12C2Y103; mini-trimmer. Used for knob center adjustment. (Adjust to center position for pre-align).

\*2 - Varactor Diode: MV2109 was used on prototype, final version utilized MV2209. If the center frequency is too low use MV2205. One note- the prototype did have a little more swing in the 5KC drop mode with the MV2109.

S1 - is two section switch with indicator light section for indicating 'normal' operation, or could rewire for indicating 5KHz drop by moving LED to other leg. (Switch is shown in normal configuration.)

### Alignment:

1. Set the clarifier to mid-position.
2. Switch to normal, adjust CT-A for 11.1125 at S1B center leg. If you can't obtain adjust the mini-trimmer until you can.
3. Switch to 5KHz, adjust CT-B for 11.1108 at S1B center leg. If you can't obtain a center....

Now the fun starts..by using all three adjustments will have to go back and forth till you get it in..really isn't that hard, patience. Just don't move the clarifier knob while doing this alignment.....