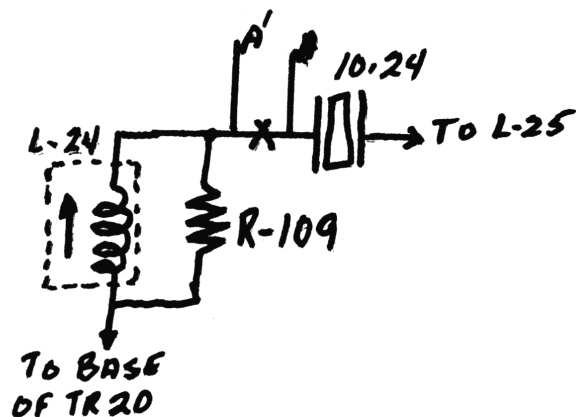
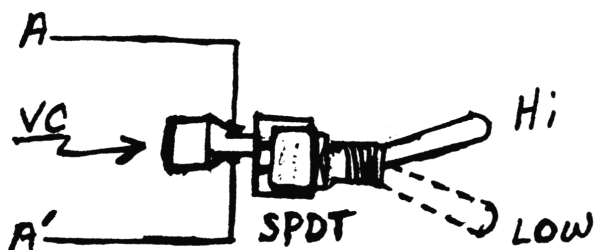


5 K OFFSET

1. Wire up the SPDT switch and the variable capacitor (supplied) as show above.
2. Cut the printed circuit trace as shown between the 10.24 crystal and R-109 paralleled by L-24.
3. Solder the two wires from the SPDT switch on each side of the cut as shown.
4. With the channel selector on ch. 10 and the SPDT switch in low position, apply power to the unit. Check the TX-frequency for a reading of 27.075. If needed adjust L-24 to obtain this reading.
5. Switch the SPDT switch to the Hi position and adjust the VC for a TX-frequency reading of 27.080.

NOTE: Although this is a large unit and can easily accommodate both the "A" & "B" Kits. you can not acheive evenpower tracking over the entire range from 26.510 to 27.860 and it is not for the same reason as other kits (like of VCO tracking). It is due to the narrow band-pass of L-20 and L-21.

CHANNEL CONVERSION - COBRA 29 GTL & LTD

1. Remove FL-1 (10.7 ceramic filter). Solder cable #1 in its place. Put the white or yellow wire on the side connected to L-5
2. Cut the printed circuit trace between the anode of D-15 and pin 9 of PLL chip.
3. Separate the three wires of cable #2. Solder the orange wire to pin 9 of the PLL chip and the brown wire to the anode side of D-15.
4. Solder the red wire to pin 11 of the PLL chip.
5. With the channel selector on ch. 10, the SPDT switch in low position and the epoxy pack switch in normal position, apply power to the unit. Peak the receiver in your normal manner. Mark the settings of L-5 & L-6.
6. Switch the epoxy pack switch to low position. Inject a low signal level of 26.620, or use a previously modified unit on the same settings. Repeak the unit. First bring L-5 to peak and then back it off by 1/3 of the increase in signal strength. Now bring L-6 to peak and then back it off by 1/3 of the gain in signal strength.
7. Mount the epoxy pack using the mounting hints.

NOTE: If you have a unit with the "ZAPPER" 9000 installed in it. The "B" kit is compatible, but do not use the 5K OFFSET.

