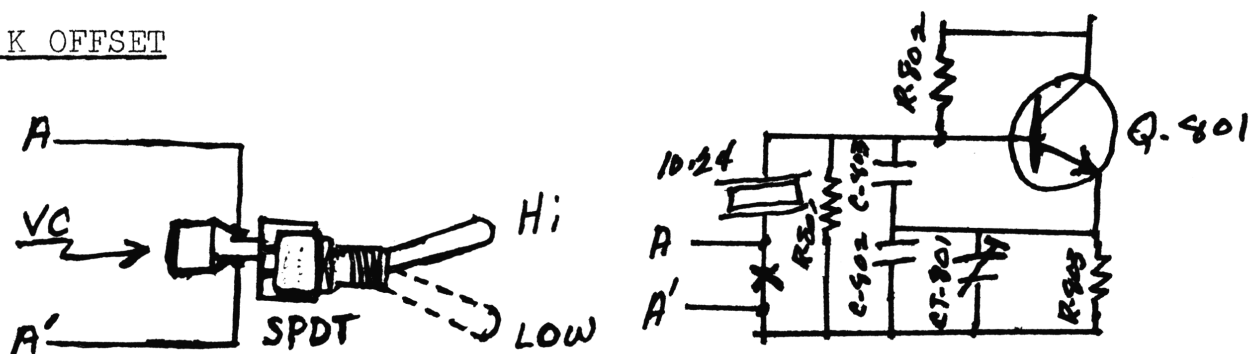


5 K OFFSET



1. Wire the SPDT switch and the variable capacitor (supplied) as shown above.
2. Cut the printed circuit trace on the ground side of the 10.24 crystal as shown.
3. Solder the two wires from the SPDT switch on each side of this cut as shown.
4. With the channel selector switch on ch.10 and the SPDT switch on low position, apply power to the unit. Check the TX-frequency for a reading of 27.075. If needed adjust CT-801 to obtain this frequency.
5. Switch the SPDT switch to the Hi position and adjust the VC for a TX-frequency reading of 27.080.

NOTE: This unit, being one of the larger units, can easily accommodate both the "A" & "B" Kits we suggest that IF 5K OFFSET is to be used, use one of the existing switches. For drawings and notes see Cobra 21 & 25 GTL & LTD.

CHANNEL CONVERSION - REALISTIC TRC-425

1. Remove F-301 (10.7 Ceramic filter). Solder cable #1 in its place. Put the white or yellow wire on the side connected to T-301.
2. Cut the printed circuit trace between the anode of D-802 and pin 8 of the PLL chip.
3. Separate the three wires of cable #2. Solder the orange wire to pin 8 of the PLL chip. Solder the brown wire to the other side of the cut connected to the anode of D-802.
4. Solder the red wire to pin 1 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 unit in your normal manner. Mark the setting of T-301.
6. Switch the epoxy pack switch to low position. Inject a low signal level of 26.620, or use a previously modified unit on these same settings. Repeat the receiver using T-301 only. Bring the receiver to peak then back off the adjustment by 1/2 of the gain in signal strength achieved by the adjustment.
7. Mount the epoxy pack using the mounting hints.

