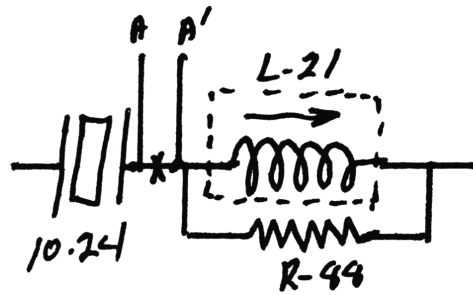
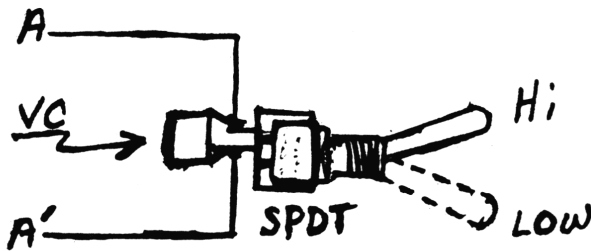


5K OFFSET

1. Wire up the SPDT switch and the variable capacitor (supplied) as shown above.
2. Cut the printed circuit trace as shown between the 10.24 crystal and R-88 withits parallel tank L-21.
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 ajust L-21 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: This being a large unit, can easily accommodate both the "A" & "B" Kits. Refer to material covering the Cobra 21& 25 GTL & LTD. It will be the same except substitute R-92 in place of R-58

CHANNEL CONVERSION - Midland 200M

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-3
2. Remove R-92.
3. Separate the three wires in cable #2. Solder the orange wire to the point where R-92 was connected to pin 8 of the PLL chip. Solder the brown wire to the other point R-92 was connected.
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 settings of L-3 & L-4
6. Switch the epoxy pack switch to the low position. Inject a low signal level of 26.620 or use a previously modified unit on the same settings. Repeat the receiver using first L-3. Bring the signal level to peak and then back it off by 1/3 of the achieved increase in signal strength. Now using L-4 bring the receiver to peak. Again back it off by 1/3 of the gain in signal strength.
7. Mount the epoxy pack using the mounting hints.

