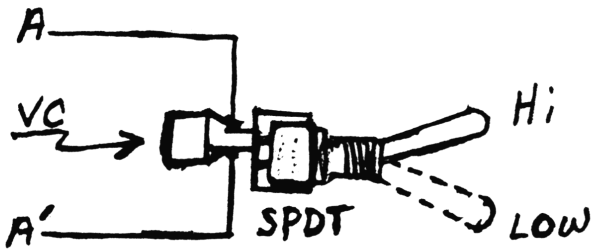
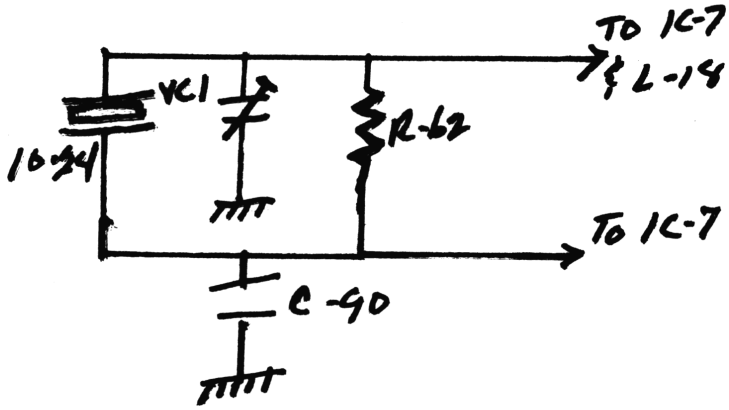
5K OFFSET





1. Wire the SPDT switch and the variable capacitor (supplied) as shown above.

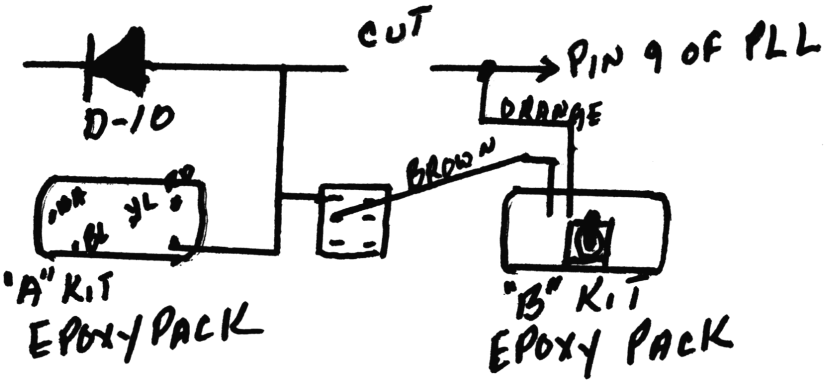
2. Lift the leg of C-90 that is connected to the 10.24 crystal

3. Solder the two wires from the SPDT switch on each side of this break. One to the point the leg of C-90 was lifted from and the other to the lifted leg of C-90.

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 VC-1 to obtain this reading.

5. Switch the SPDT switch to the Hi position and adjust the VC for a TX-frequency of 27.080.

NOTE: This unit, being one of the larger units can easily accommodate both the "A" & "B" Kits, but when using both kits we suggest that IF 5K OFFSET is to be used, use one of the existing switches.



CHANNEL CONVERSION - PRESIDENT "OLD HICKORY"

1. Remove XF-1 (10,7 ceramic filter). Solder cable #1 in its place. Put the white or yellow wire on the side that is connected to L-3.

2. Cut the printed circuit trace between the anode of D-10 and pin 9 of the PLL chip.

3. Separate the three wires in cable #2. Solder the orange wire to pin 9 of the PLL chip. Solder the brown wire to the side of the cut that connects to the anode of D-10.

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 unit in your normal manner. Mark the setting of L-3.

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 receiver using L-3 only. Bring the receiver to peak and then back it off by ½ of the gain in receiver signal strength.

7. Mount the epoxy pack using the mounting hints.