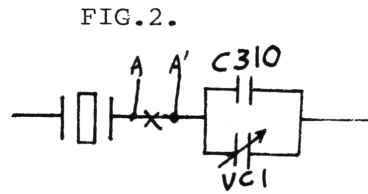
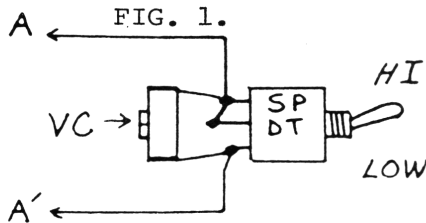


K40 K-401

5KC OFFSET



1. Wire up the SPDT switch and the trimmer capacitor as shown in Fig.1.
2. Cut the foil trace between the 10.240 crystal and C310/trim cap.
3. Solder the wire from the switch to each side of the cut trace.
4. With switch in low position, adjust VC for 27.410 on Ch.40.
5. Switch to the high position and check for 27.405. If necessary, change the value of the trim cap to compensate.

CHANNEL CONVERSION

1. Cut the foil trace between pin 20 of the LC-7131 PLL chip and D401.
2. Solder a leg of the 4700 $\Omega$  resistor (supplied) to pin 20.
3. Run a wire from the other leg of the resistor to terminal Q of the DPDT switch provided.
4. Run a wire from terminal P to the other side of the cut trace. Also, run a wire from P to the unmarked post of the epoxy pak.
5. Run a wire from terminal S to ground.
6. Locate pin 4 of the TA7310 VCO/Mixer chip. Unsolder and lift the leg of C314 opposite pin 4.
7. Run a wire from terminal K on the switch to the lifted leg of C314.
8. Run a wire from terminal J on the switch to where C314 was connected.
9. Run a wire from terminal L on the switch to the yellow dot post of the epoxy pak.
10. Run a wire from the red dot post of the epoxy pak to pin 18 of the LC7131 chip.

Now this unit will operate on channels 42-86,1-40 and half channels 1A-40A.

