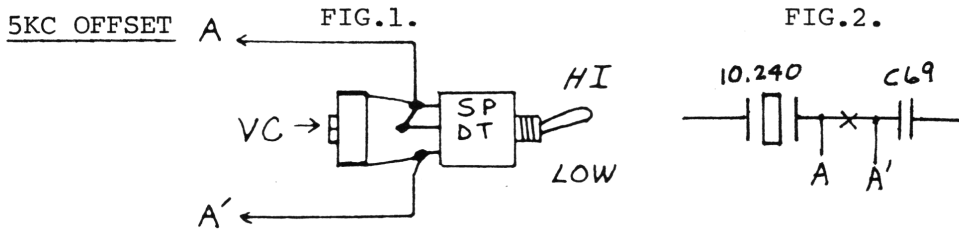


PRESIDENT AX-11



1. Wire up the SPDT switch and trim capacitor as shown in Fig.1.
2. Cut the foil trace between the 10.240MHz. crystal and C69.
3. Solder the wires from the switch to each side of the cut trace.
4. With switch in low position, adjust the VC for 27.410 on CH. 40.
5. Switch to the high position and check for 27.405. If necessary, alter the value of C69 to compensate.

CHANNEL CONVERSION

1. Unsolder and lift the anode of D21 connected to pin 20 of IC1, the LC7131 PLL chip.
2. Solder one leg of the 4700ohm resistor provided to pin 20 of the LC7131 chip.
3. Run a wire from the other leg of the 4700ohm resistor to terminal Q on the DPDT switch provided.
4. Run a wire from the lifted anode of D21 to terminal P on the switch. Also run a wire from terminal P on the switch to the unmarked post of the epoxy pak.
5. Run a wire from terminal S on the switch to ground.
6. Locate, unsolder, and remove R78 (off of pin 4 of IC3 TA7310 VCO/Mixer chip)
7. Solder on leg of the 47pf capacitor provided to pin 4.
8. Run a wire from the other leg of the 47pf capacitor to terminal K on the switch.
9. Run a wire from terminal J on the switch to where the other side of R78 was connected.
10. Run a wire from terminal L on the switch to the yellow dot post of the epoxy pak.
11. Run a wire from the red dot post of the epoxy pak to pin 18 of the PLL chip. Now this unit will operate on Channels 42-86, 1-40 and on half Channels 1A-40A.

