MIDLAND 200M

5KC OFFSET

FIG.1.

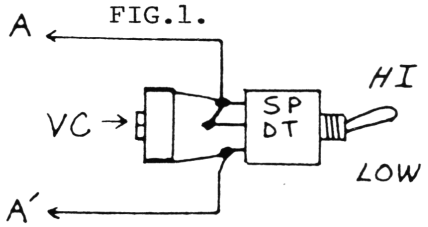
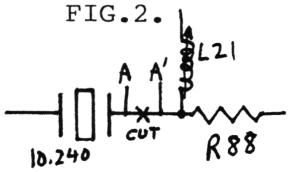


FIG.2.



1. Wire up the SPDT switch and trim capacitor as shown in Fig.1.
2. Cut the foil trace between the 10.240 crystal and R88/L21 as shown in Fig.2.
3. Solder the wires 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, adjust L21 to compensate.

CHANNEL CONVERSION

1. Unsolder and lift the end of R92 opposite pin 8 of the TC9106P PLL chip.
2. Run a wire from terminal Q on the DPDT switch provided to the lifted end of R92.
3. Run a wire from terminal P on the switch to where R92 was connected and also to the red dot post of the epoxy pak.
4. Run a wire from terminal S on the switch to pin 1 of the TC9106 P chip.
5. Locate C98 (next to L20) and lift the leg of C98 connected to C158.
6. Run a wire from the lifted leg of C98 to terminal K on the switch.
7. Run a wire from where C98 was connected to terminal J on the switch.
8. Run a wire from terminal L on the switch to the yellow dot post of the epoxy pak.
9. Run a wire from the unmarked post of the epoxy pak to ground.

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