

TEABERRY STALKER III

5KC OFFSET

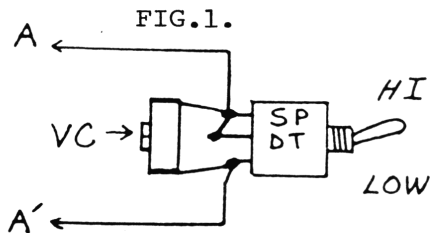
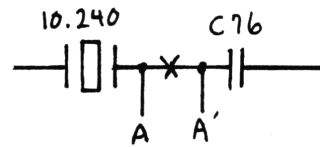


FIG.2.



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 C76 as shown in Fig.2.
3. Solder the wires to each of the cut trace.
4. With the switch in the low position, adjust VC for 27.410 on Ch.40.
5. Switch to the high position and check for 27.405. If necessary, alter the value of C76 to obtain this reading.

CHANNEL CONVERSION

1. Locate, unsolder, and lift the leg of R63 opposite pin 8 of the TC9106 PLL chip.
2. Run a wire from the lifted leg of R63 to terminal Q on the DPDT switch provided.
3. Run a wire from terminal P on the switch to where R63 was connected. Also run a wire from terminal P to the red dot post of the epoxy pak.
4. Run a wire from terminal S on the switch to pin 1 of the PLL chip.
5. Locate, unsolder, and remove C88 & C89 (off pin 4 of the TA7310P VCO/Mixer chip.)
6. Solder one leg of the 47pf capacitor provided to pin 4 of the VCO/Mixer chip.
7. Run a wire from terminal K on the switch to the other leg of the 47pf cap.
8. Run a wire from terminal J on the switch to where C89 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 unmarked post of the epoxy pak to ground.

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

