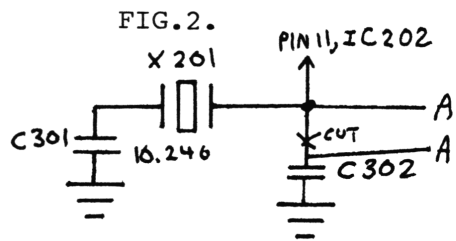
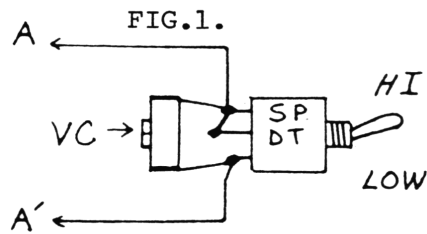


MIDLAND 151M, 102M, 100M, 2001, 3001, 4001  
 GE 3-5805 B; COLT 210, 222; COBRA 19X

5KC OFFSET



1. Wire up the SPDT switch and the trimmer capacitor supplied as shown Fig.1.
2. Cut foil at leg of 10.240 as shown. Solder wires from the switch to each side of the cut trace.
3. With switch in low position, adjust VC for 27.410 on Ch.40.
4. Check for 27.405 on high position. If necessary, alter value of C302/ C351 to obtain this reading.

#### CHANNEL CONVERSION

1. Isolate pin 20 of IC202, LC7130 by cutting foil trace.
2. Solder one leg of the 4700ohm resistor supplied to pin 20.
3. Run a wire from the other leg of the resistor to terminal Q of DPDT switch provided.
4. Run a wire from terminal P on the switch to the other side of the trace and to the unmarked terminal of the epoxy pak.
5. Connect the S terminal on the switch to ground.
6. Locate pin 4 of the TA7310/AN103 VCO/Mixer chip. Unsolder the leg of C306 opposite pin 4, and lift.
7. Solder a wire from terminal K on the switch to the lifted leg of C306.
8. Solder a wire from terminal J on the switch to where C306 was connected.
9. Run a wire from the yellow dot post of the epoxy pak to terminal L of the switch.
10. Connect the red dot post to pin 18 of IC202.

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

