

7. THEN, CONNECT A WIRE FROM PIN "B" OF SWITCH 1, TO THE "HOT" SIDE OF THE RECEIVE CRYSTAL SOCKET IN THE RADIO. THIS COMPLETES THE CONVERSION. IF YOU EXPERIENCE PROBLEMS, BE SURE TO CHECK THE SEQUENCE OF THE CRYSTALS. IF NOT IN CORRECT ORDER, WILL CAUSE SPLIT TRANSMIT/RECEIVE. (POSSIBILITIES!!!)

SPECIAL ORDER CRYSTALS ARE AVAILABLE FROM  
 SELMAN ENTERPRISES.

P.O. BOX 8189 ,CORPUS CHRISTI, TX 78468-8189  
 PHONE 1-512-853-2935

## **RAIDER 4060 UPDATE**

---

. *KENNETH HOLYFIELD*

PLL = MSM5807

THIS IS AN UPDATED MODIFICATION TO THE RAIDER 4060. IT REQUIRES TWO SPDT CENTER OFF SWITCHES AND ONE SPST SWITCH. ALL SWITCHES ARE AVAILABLE FROM SELMAN. THIS IS A REAL "HONEY" OF A RADIO, IF YOU CAN FIND IT! RAIDER 4060 UPDATE CONTINUED

1. CUT THE TRACE BETWEEN THE CHANNEL SELECTOR AND PIN 1 OF THE PLL IC.
2. WIRE THE SPDT SWITCHES AS SHOWN IN FIGURE 1. REMEMBER THERE IS USUALLY A SMALL DOT ON THE CHIP INDICATING PIN 1.
3. ISOLATE PIN 3 FROM PIN 4.
4. CUT THE TRACE BETWEEN PINS 4 AND 16, AND WIRE AS SHOWN IN FIGURE 1.
5. NEXT, SOLDER THE JUMPER WIRES ON THE OUTSIDE PINS OF SWITCH 3, BETWEEN SWITCH 3 AND 2 AS SHOWN.

WITH DIFFERENT COMBINATIONS OF THE THREE SWITCHES, THE RADIO WILL YIELD 25.525 27.635MHz. THIS IS SOME KIND OF A RADIO! YOU MUST DO SOME RETUNING TO THE VCO AS WELL AS THE TX CANS TO KEEP POWER EQUAL FROM TOP TO BOTTOM.

## **GENERAL ELECTRIC 3-5804A**

---

. *TERRY MANN*

THIS MODIFICATION GIVES 27.745MHz 28.045MHz.

PLL = LC7110

MODULATION = VR7

RF POWER = T803, T804, T805, T806, AND T807.

## COBRA 2000GTL, A DIFFERENT WAY

REFER TO FIGURE 1. YOU WILL NEED A SPST SWITCH.

1. FIND A CONVENIENT MOUNTING SPOT FOR THE SPST SWITCH AND MOUNT SAME.
2. SOLDER A WIRE TO EACH PIN ON THE SWITCH MAKING SURE THERE IS ENOUGH LEAD TO REACH THE PLL IC.
3. SOLDER THE FIRST WIRE TO PIN 13 OF IC801.
4. SOLDER THE SECOND WIRE TO PIN 14 OF IC801.

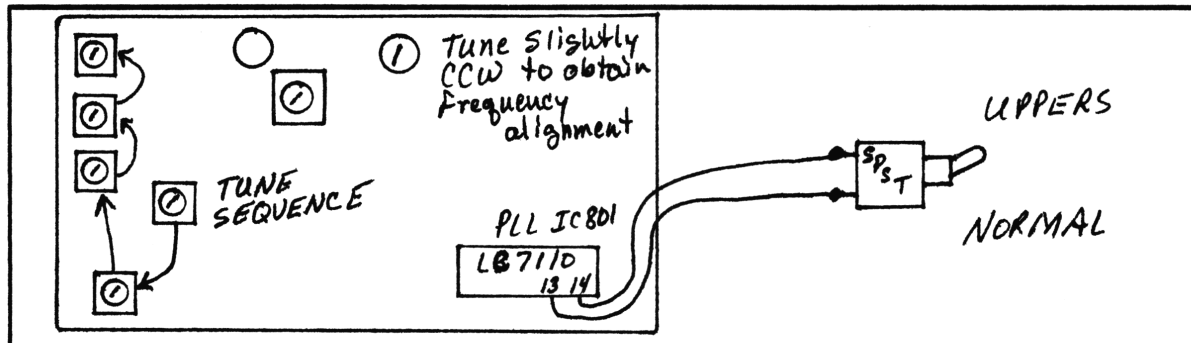


FIGURE 1. GE 5-5804A

1-11 = NORMAL FOURTY. FREQUENCIES COME OUT AS FOLLOWS:

12-27.745	22-27.865	32-27.965
13-27.755	23-27.895	33-27.975
14-27.765	24-27.875	34-27.985
15-27.775	25-27.855	35-27.995
16-27.795	26-27.905	36-28.005
17-27.805	27-27.915	37-28.015
18-27.815	28-27.925	38-28.025
19-27.825	29-27.935	39-28.035
20-27.845	30-27.945	40-28.045
21-27.855	31-27.955	00-000000

- *EDITORS NOTE: 28MHz FREQUENCIES BELONG TO AMATEUR RADIO. HOBIEST WOULD BE WELL ADVISED TO REMAIN CLEAR OF THESE FREQUENCIES!*

## COBRA 2000GTL, A DIFFERENT WAY

• *RON ROUSH*

THE FOLLOWING IS A DIFFERENT WAY TO INSTALL KIT # 27. IT ELIMINATES THE GREEN WIRE ALTOGETHER.

1. DISCONNECT THE GREEN WIRE FROM PIN 14 AND DO NOT REUSE.
2. CUT AND CONNECT ANOTHER PIECE OF WIRE (INDEPENDENTLY) FROM PIN 14 TO A SPST SWITCH.