

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.

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## RAIDER 4060 UPDATE

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. *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

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. *TERRY MANN*

THIS MODIFICATION GIVES 27.745MHz 28.045MHz.

PLL = LC7110

MODULATION = VR7

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