STEP 1

A. Remove bottom cover on PLL circuit.
B. Locate IC1 and cut ground foil connection to Pin 10.
C. Attach 10K OHM resistor to ground and Pin 10 (attach red wire to Pin 10).
D. Attach white wire to Pin 11.
E. Attach black wire to Pin 9.
F. Cut in lip of cover to allow wires to exit. Replace cover.

STEP 2

A. Attach red wire to front unused terminal of "Pull SWR" Switch.
B. Remove blue wire from ANL Switch, remove short green wire completely, attach blue wire to terminal with long green wire.
C. Attach black wire from PLL to center terminal of "Pull SWR" Switch and a jumper to terminal of ANL Switch where green jumper was attached.
D. Attach white wire to previously unused terminal of ANL Switch.

STEP 3

A. The transmitter will cover only about 800 KHz.
B. Set the switches to the highest channel to be used. Adjust L14 for 3.8 volts at TP5.
C. Set the switches for the middle of the selected range. Adjust L18, L19, and L20 for maximum output. It is usually unnecessary to adjust any other coils in the transmitter.
D. Tune signal generator for center channel and adjust L1, L2, L3 for maximum receiver sensitivity.
E. Check highest and lowest channels for transmitter operation and receiver performance, and adjust above coils as necessary to balance operation.

SEE PAGE TWO FORCHANNEL SELECTIONS

MODEL 790 _ CONTINUED

SET CHANNEL DIAL	SWR SWITCH PULL	ANL (on)
1	27.605	27.285
2	27.615	27.295
3	27.625	27.305
4	27.645	27.325
5	27.655	27.335
6	27.665	27.345
7	27.675	27.355
8	27.695	27.375
9	27.705	27.385
10	27.715	27.395
11	27.725	27.405
12	27.745	27.425
13	27.755	27.435
14	27.765	27.445
15	27.775	27.455
16	27.795	27.475
17	27.805	27.485
18	27.815	27.495
19	27.825	27.505
20	27.845	27.525
21	27.855	27.535
22	27.865	27.545
23	27.895	27.575
24	27.875	27.555
25	27.885	27.565
26	27.905	27.585
27	27.915	27.595
28	27.925	27.285
29	27.935	27.295
30	27.945	27.305
31	27.955	27.315
32	27.965	27.325
33	27.975	27.335
34	27.985	27.345
35	27.995	27.355
36	28.005	27.365
37	28.015	27.375
38	28.025	27.385
39	28.035	27.395
40	28.045	27.405