

MODEL-T 4011 CHANNEL EXPANSION

- STEP
1. Remove Top and Bottom Covers.
 2. Locate Channel Selector and PLL PC Board on Top of Chassis.
 3. Locate IC Q13 MSM 5907.
 4. Solder A Wire to Pin #3 About 8 Inches Long.
 5. Locate D-192 On Power Supply PC Board on Underside of Chassis.
 6. Solder A Lead To The Positive End of D-192 5 Volt Zener About 8 Inches Long.
 7. Remove The Green & White Wires From The S-RF Switch on The Front Panel.
 8. Remove One End of The 100K Resistor on The Lower Side of The S-RF Switch & Move it up One Terminal as Indicated in Figure 1.
 9. Connect the White & Green Wires to the Same Point as the One End of the 100K Resistor you Moved up one Terminal as in Figure 1.
 10. Connect the Wire From the D-192 to Where you Removed the White Wire on the S-RF Switch.
 11. Connect the Wire From Pin #3 of the MSM5907 to Where the Green Wire was Connected on the S-RF Switch.
 12. To Operate Normally, Switch to S For Standard.
 13. To Operate Expanded, Switch to RF.

CAUTION: Some Power Loss May Be Observed At The Upper Channels When Expanded, DO NOT ATTEMPT TO READJUST As This May Cause Some Trouble On The Normal Channels.

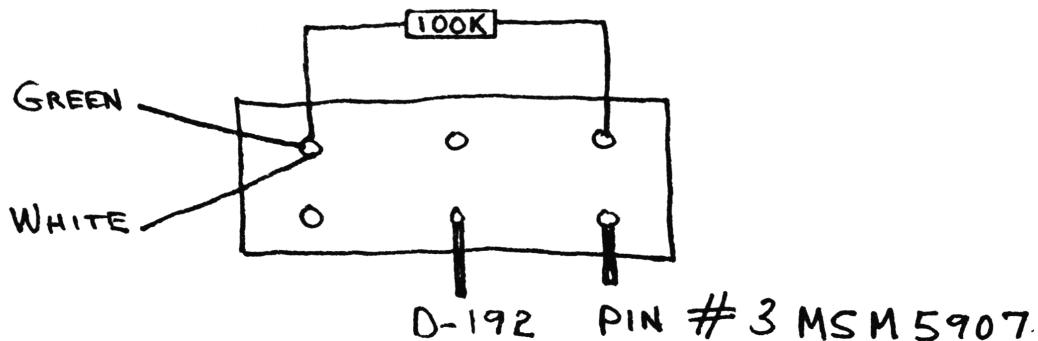


FIG 1

MODEL-T 4011 CHANNEL EXPANSION - CONTINUED

<u>CHANNEL</u>	<u>FREQUENCY</u>	
1	27.285	
2	27.295	
3	27.305	
4	27.325	
5	27.335	
6	27.345	
7	27.355	
8	27.375	
9	27.385	
10	27.395	
11	27.405	
12	27.425	New Channel
13	27.435	"
14	27.445	"
15	27.455	"
16	27.475	"
17	27.485	"
18	27.495	"
19	27.505	"
20	27.525	"
21	27.535	"
22	27.545	"
23	27.575	"
24	27.555	"
25	27.565	"
26	27.585	"
27	27.595	"
28-40	Normal	