

1. VOLTAGES ARE MEASURED TO B- BUS.
2. ALL VOLTAGES ARE DC EXCEPT FOR HEATERS WHEN USING AC INPUT.
3. \* INDICATES VACUUM TUBE VOLTMETER READING WITH TUNING DIAL AT 1000 KC (IN CLEAR CHANNEL, NO SIGNAL)- THESE VOLTAGES NORMALLY VARY WITH SIGNAL.
4. ALL OTHER DC VOLTAGES MEASURED WITH 20,000 OHMS PER VOLTMETER.

### ALIGNMENT CHART

Step	Connect Test Oscillator to	Test Osc. Setting	Radio Dial Setting	Adjust for Maximum
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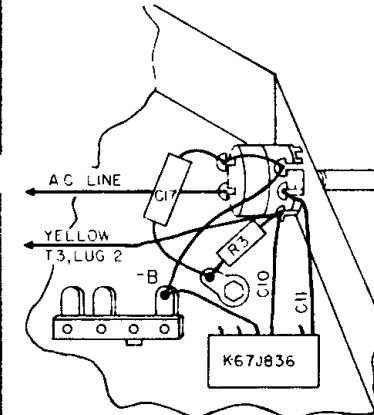
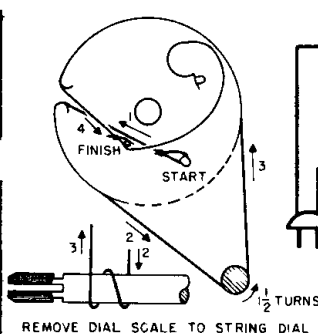
#### I-F ALIGNMENT

1	V2, 12BA6 grid (Pin 1), in series with .05 mfd.	455 kc	.....	Cores of second i-f transformer, T3
2	V1, 12SA7 grid (Pin 8), in series with .05 mfd.	455 kc	.....	Cores of first i-f transformer, T2
3	V1, 12SA7 grid (Pin 8), in series with .05 mfd.	455 kc	.....	Recheck adjustment of T2 and T3, for maximum

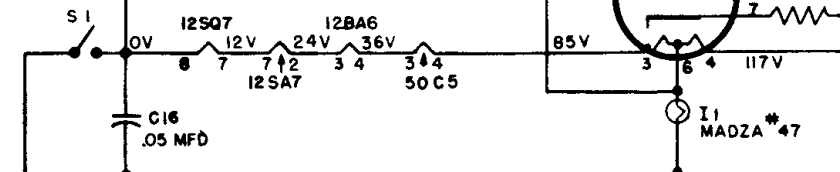
#### R-F ALIGNMENT

4	Inductively coupled to radio loop	1620 kc	Minimum capacity C2A, C2B	C3, oscillator trimmer
5	Inductively coupled to radio loop	1500 kc	For Maximum	C1, r-f trimmer
6	Set pointer to 150. See Note			

Relocate dial pointer on tuning shaft at 1500 KC on the dial to correspond to the tuning capacitor setting in Step 5.



Volume Control



VALUE OF ALL CAPACITORS ARE M.MF UNLESS OTHERWISE SPECIFIED. C5, 6, 8 & 9 ARE PART OF MOLDED TRANSFORMER BASE, 110MMF IN ASSEMBLIES MARKED M77J602-3, 83MMF IN TRANSFORMERS M77J602-1 OR -2 & M77J460-2 OR -3.

#### ARM OF VOLUME CONTROL (R4)

PIN 2 OF 12SQ7	C11	.002MF
JUNCTION R3 AND R4	C10	220MMF OR 400 mfd
B-LUG OF TERMINAL BOARD	C12	220MMF
PIN 6 OF 12 SQ7	C13	.005MF
PIN 2 OF 50C5		

Capacitor Unit C10, 11, 12 and C13

