

ALIGNMENT PROCEDURE

1. Disconnect Loop Antenna leads from clips on set and remove chassis from cabinet.
2. Make alignment using a battery whenever possible.
3. Connect a fresh battery to the set.

IMPORTANT: Check dial drum position on shaft. Tuner arm should just complete downward travel when gang is fully meshed. At this point, tuner arm should be on short flat part of cam. Check pointer. It should be at last dial scale mark just below 550 K.C. when gang is fully meshed. If not, move pointer on dial cord.

Step	Dummy Antenna Used in Series with Signal Generator	Connect High Side Signal Generator to	Signal Generator Frequency	Receiver Gang Setting	Trimmer Designation and Description	Type of Adjustment
(1)	.00025 Mfd. when using A.C. .1 Mfd. when using Battery	Grid of 1R5 (Pin 6)	455 K.C.	Any point where it does not affect Signal	2nd I.F. 1st I.F.	Maximum Deflection Then repeat
(2)	.00025 Mfd. when using A.C. .1 Mfd. when using Battery	Stator lug of rear variable condenser section	1620 K.C.	Tuning Gang Wide Open	Oscillator Trimmer	Maximum Deflection
(3)	.00025 Mfd. when using A.C. .1 Mfd. when using Battery	Stator lug of rear variable condenser section	1400 K.C.	Tune in Generator Signal	R.F. Slug	Maximum Deflection
(4)	Replace Set in Cabinet					
(5)	.00025 Mfd.	Antenna and Ground Leads	1400 K.C.	Tune in Generator Signal	Antenna Trimmer	Maximum Deflection

RESISTORS

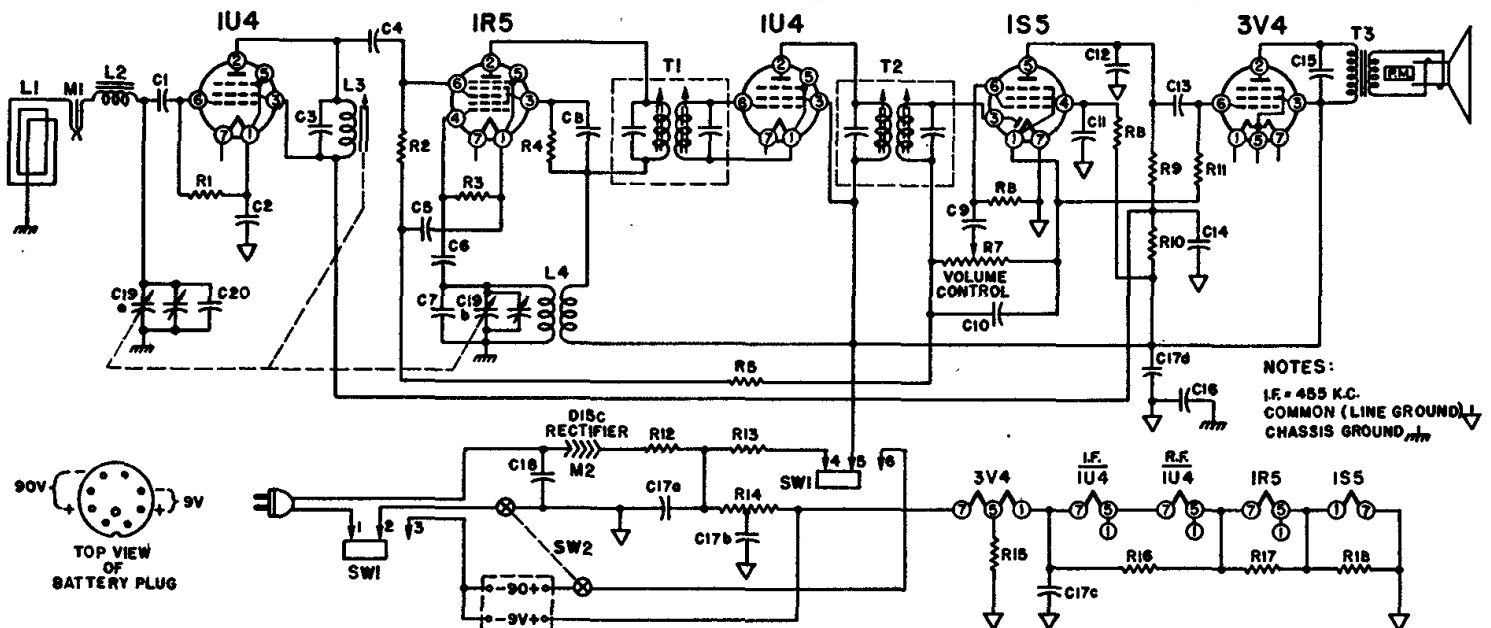
Symbol	Description	Part No.
R1.....	2.2 Megohms, 1/4 Watt.....	60B 3-225
R2.....	1 Megohm, 1/4 Watt.....	60B 3-105
R3.....	100,000 Ohms, 1/4 Watt.....	60B 3-104
R4.....	18,000 Ohms, 1/3 Watt.....	60B 2-183
R5.....	3.3 Megohms, 1/4 Watt.....	60B 2-335
R6.....	10 Megohms, 1/4 Watt.....	60B 3-106
R7.....	1 Megohm Volume Control and Switch SW2 (DPST).....	75B 1-18
RB.....	4.7 Megohms, 1/4 Watt.....	60B 2-475
R9.....	470,000 Ohms, 1/4 Watt.....	60B 3-474
R10.....	10,000 Ohms, 1/4 Watt.....	60B 3-103
R11.....	2.2 Megohms, 1/4 Watt.....	60B 3-225
R12.....	47 Ohms, 1 Watt.....	60B 14-470
R13.....	2700 Ohms, 1 Watt.....	60B 14-272

R14.....	2600 Ohms, 5 Watt.....	61A 6-1
R15.....	1500 Ohms, 1/4 Watt.....	60B 2-152
R16.....	820 Ohms, 1/4 Watt.....	60B 2-821
R17.....	220 Ohms, 1/4 Watt.....	60B 2-221
R18.....	150 Ohms, 1/4 Watt.....	60B 2-151

CONDENSERS

C1.....	250 Mmfd., Mica.....	65B 7-22
C2.....	.25 Mfd., 200 Volts, Paper.....	64B 1-2B
C3.....	420 Mmfd., Mica.....	65B 1-13
C4.....	250 Mmfd., Mica.....	65B 7-22
C5.....	.01 Mfd., 400 Volts, Paper.....	64B 1-25
C6.....	100 Mmfd., Mica.....	65B 7-17
C7.....	15 Mmfd., Ceramic.....	65B 6-18
C8.....	.01 Mfd., 400 Volts, Paper.....	64B 1-25

C9.....	.01 Mfd., 400 Volts, Paper.....	64B 1-25
C10.....	250 Mmfd., Mica.....	65B 7-22
C11.....	.01 Mfd., 400 Volts, Paper.....	64B 1-25
C12.....	100 Mmfd., Mica.....	65B 7-17
C13.....	.01 Mfd., 400 Volts, Paper.....	64B 1-25
C14.....	4 Mfd., 150 Volts, Electrolytic.....	67A 4-2
C15.....	.002 Mfd., 600 Volts, Paper.....	64B 1-14
C16.....	.18 Mfd., 200 Volts, Paper.....	64A 2-2
C17a.....	50 Mfd., 150 Volts, Elect.	67C 7-5
C17b.....	20 Mfd., 150 Volts, Elect.	
C17c.....	200 Mfd., 25 Volts, Elect.	
C17d.....	20 Mfd., 150 Volts, Elect.	64B 1-22
C18.....	.05 Mfd., 400 Volts, Paper.....	
C19a.....	0 to 420 Mmfd., Gang	
C19b.....	0 to 162 Mmfd., Gang	68B 6
C20.....	10 Mmfd., Ceramic.....	65B 6-24



NOTES:

1. F. = 455 K.C.
COMMON (LINE GROUND)
CHASSIS GROUND