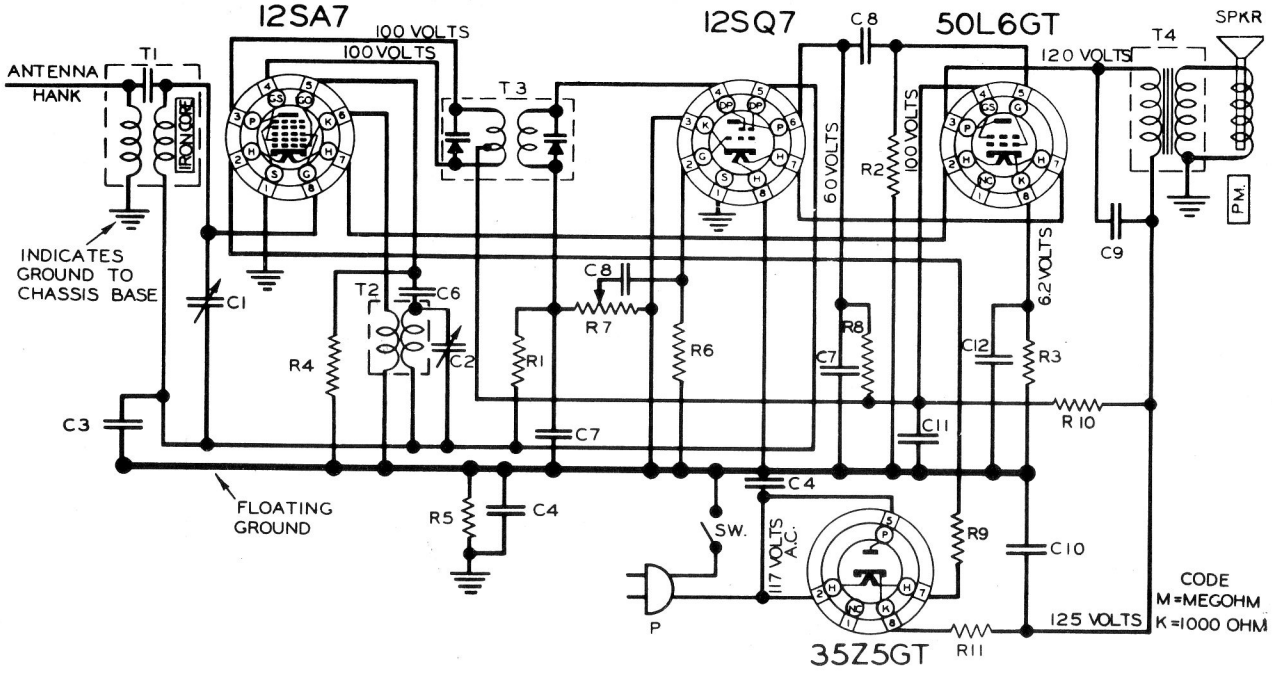


R1	Resistor, 4.7 Megohms ½ watt
R2	Resistor, 1 Megohm ½ watt
R3	Resistor, 150 ohms ½ watt
R4	Resistor, 22,000 ohms ½ watt
R5	Resistor, 330,000 ohms ½ watt
R6	Resistor, 15 Megohms ½ watt
R7	Resistor, 2 Megohms Vol. control & Sw.
R8	Resistor, 470,000 ohms ½ watt
R9	Resistor, 47 ohms 1 watt
R10	Resistor, 2,200 ohms 1 watt
R11	Resistor, 15 ohms ½ watt
C1, C2	Condenser, variable
C3	Condenser, .05 mfd, 200 volt
C4	Condenser, .05 mfd, 400 volt
C6	Condenser, .00005 mfd, 500 volt
C7	Condenser, .0001 mfd, 500 volt
C8	Condenser, .002 mfd, 500 volt
C9	Condenser, .01 mfd, 400 volt
C10, C11, C12	Condenser, 40 mfd, 150 volt Condenser, 20 mfd, 150 volt Condenser, 20 mfd, 25 volt
T1	Coil, antenna
T2	Coil, oscillator
T3	Coil, i-f
T4	Output transformer
	Dial scale emblem
	Cabinet, walnut
	Cabinet, ivory
	Knob, tuning, ivory
	Knob, volume, ivory
Spk.	Speaker
C5	Condenser, .005 mfd, 400 volt

I.F. = 455 KC. 1947-48

ALIGNMENT PROCEDURE

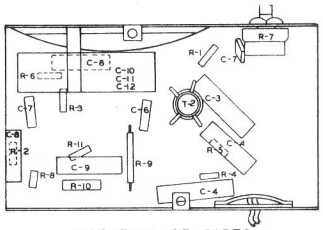
Position of Variable	Generator Frequency	Dummy Antenna	Generator Output Connection	Trimmers Adjusted	Trimmer Function	Approximate Sensitivity.
Open	455 Kc	.05 uf	12SA7 Grid (Stator of C-1)	2 trimmers on top of T-3	IF	3000 uv
1400 Kc	1400 Kc	.00005 uf	Antenna lead	**C-2	Oscillator	360 uv

**Since the antenna section of the variable has no trimmer, the rotor of the variable should be rocked back and forth on both sides of 1400 Kc while adjusting the oscillator trimmer for maximum output. This is to obtain the combination of rotor and trimmer setting to give perfect tracking of the two sections of the variable condenser and consequently give maximum output.

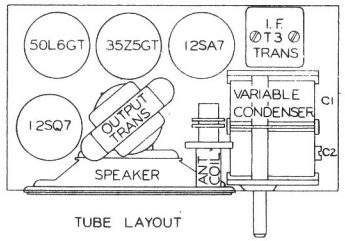
Check sensitivity at 600 Kc. If weak, adjust antenna section plates for maximum output at 600 Kc. Tracking of the condenser at points other than 1400 Kc is accomplished by bending the outside plates on the variable condenser rotor, which are cut for this purpose. When bending plates to track the condenser at any given frequency, keep in mind the fact that this will effect the tracking at all frequencies below that point. A tuning wand is very helpful in checking the tracking of this condenser, to indicate whether more or less capacity is needed.

The alignment procedure should be repeated stage by stage in the original order for greatest accuracy.

Always keep the output from the test oscillator at its lowest possible value to make the AVC action of the receiver ineffective.



LOCATION OF PARTS UNDER CHASSIS



TUBE LAYOUT

AC-DC MODELS 444 444A 445A

CHASSIS RE200

ARVIN DATA SHEET 3