

TUBE	PIN NUMBER							
	1	2	3	4	5	6	7	8
12SA7			89	89	*-10			*-1.6
12SK7				*-1.6		89		89
12SQ7		*-0.7		*-1.6	-0.5	37.5		
50L6GT			110	89				6.2
35Z5GT				116		116		117

The following voltage readings are d-c measurements taken from B— (line switch) to the indicated tube-socket pin. A 1000 ohms-per-volt meter should be used for all readings except those indicated by an asterisk (*), which should be taken with a d-c vacuum-tube voltmeter. Line voltage for these readings was 117 volts, 60 cycles, a.c. Take readings with the volume control set at minimum and the variable condenser closed.

EMERSON RADIO MODELS: 525, 552

CHASSIS MODEL: 120037

C1, C2	900290	Two-gang variable condenser
*C3, C4		Trimmers, part of variable condenser
*C5, C6, } C7, C8 }		Trimmers, part of i-f transformers
C9	910000	0.00022 mfd. mica condenser
C10	920010	0.002 mfd., 600 volt condenser
C11	920515	0.002 mfd., 400 volt condenser
C12	920240	0.0005 mfd., 600 volt condenser
C13, C14	920020	0.02 mfd., 400 volt condenser
C15	920040	0.1 mfd., 200 volt condenser
C16	920050	0.2 mfd., 200 volt condenser (used only when T1 and T2 are 720000 and 720100 respectively)
C17, C19	920030	0.05 mfd., 400 volt condenser
C18	922090	0.05 mfd., 400 volt condenser (used up to serial No. 8,550,551), or
C18	922101	0.05 mfd., 400 volt condenser (used after serial No. 8,550,551)
C20, C21	925267	30-50 mfd., 150 volt dual electrolytic

R1	310810	22,000 ohms, 1/4 watt resistor
R2, R4	397000	15 meg., 1/2 watt resistor
R3	321330	3.3 meg., 1/4 watt resistor
R5	390010	0.5 meg. volume control
R6, R7	321130	470,000 ohms, 1/4 watt resistor
R8	340290	150 ohms, 1/2 watt resistor
R9	321290	2.2 meg., 1/4 watt resistor
R10	370490	1,000 ohms, 1 watt resistor
R11	321050	220,000 ohms, 1/4 watt resistor
R12	321210	1 meg., 1/4 watt resistor
R13	340010	10 ohms, 1/2 watt resistor
R14	340050	15 ohms, 1/2 watt resistor
SP1	180000	P.M. speaker
SW1	510130	Tone control switch
SW2	510390	Phono-radio switch
*SW3		Motor switch, part of record changer
		Line switch on volume control

