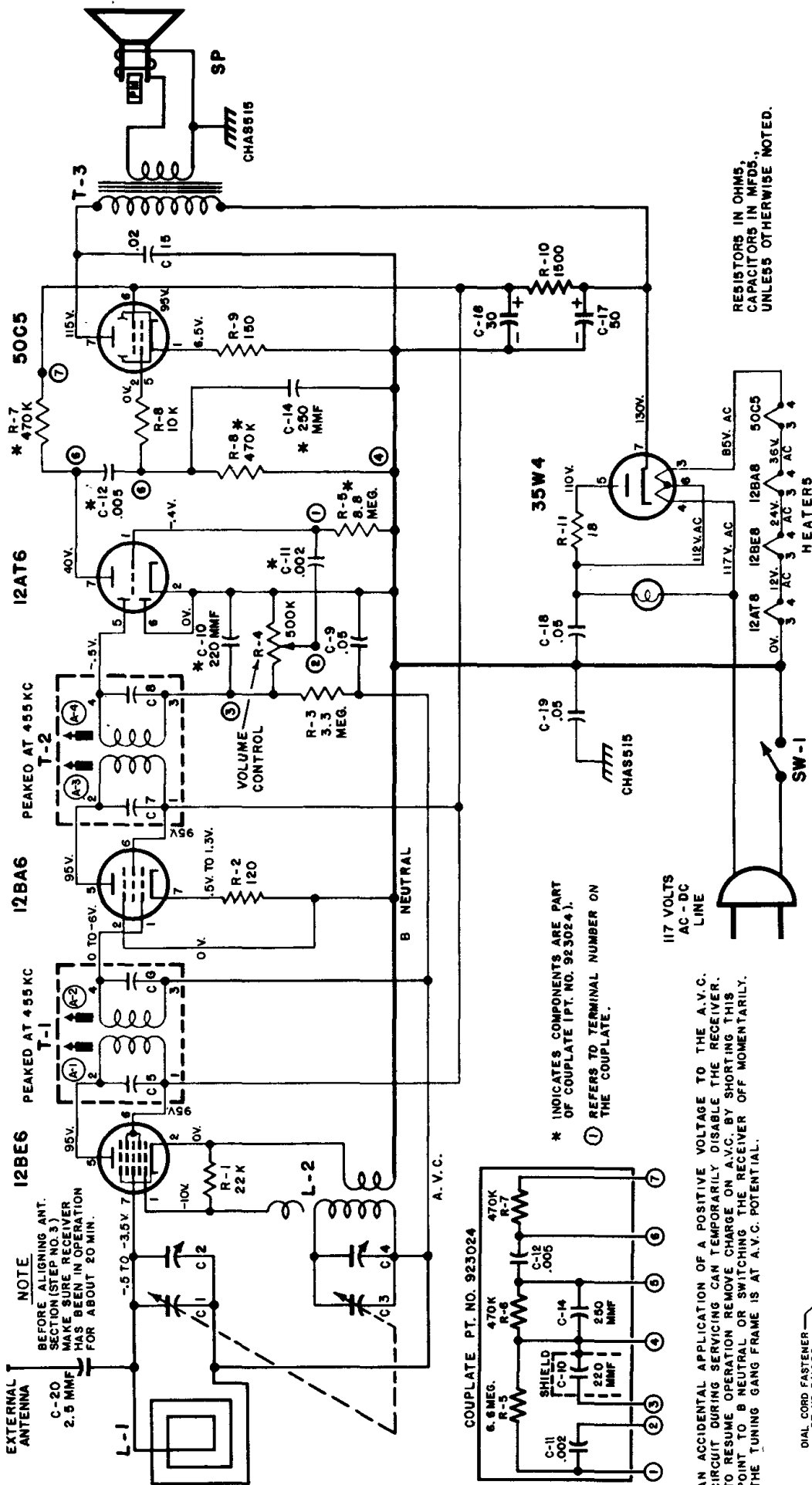


Emerson Radio

MODEL - 744B

CHASSIS - 120175-B



RESISTORS IN OHMS,
CAPACITORS IN MFDS.,
UNLESS OTHERWISE NOTED.

Voltages indicated are positive d.c., resistances are in ohms, unless otherwise indicated.
Measurements made with voltohmmyst or equivalent.
Line voltage maintained at 117 volts a.c. for voltage measurements.
Socket connections are shown as bottom views, with measurements from pin to common negative.
Volume control at maximum; no signal applied for voltage measurements.

RESISTANT READINGS FOR CHASSIS 120175-B

TUBE	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7
12BE6	23K	.5	12	24	1500*	1500*	4 MEG
12BA6	3.2 MEG	0	24	36	1500*	1500*	120
12AT6	6 MEG	0	0	12	500K	0	470*
50C5	150	470 K	36	90	1500*	1500*	210*
35W4	N.C.	N.C.	90	120	N.C.	115	0*

* Resistances measured to pin 7 of rectifier 35W4 (B+).

VOLTAGE READINGS ON SCHEMATIC DIAGRAM

AN ACCIDENTAL APPLICATION OF A POSITIVE VOLTAGE TO THE A.V.C. CIRCUIT DURING SERVICING CAN TEMPORARILY DISABLE THE RECEIVER. TO RESUME OPERATION REMOVE CHARGE ON A.V.C. BY SHORTING THIS POINT TO B NEUTRAL OR SWITCHING THE RECEIVER OFF MOMENTARILY. THE TUNING GANG FRAME IS AT A.V.C. POTENTIAL.

