

Fig. 6. Bottom View of Chassis Showing Component Location

92X1696-A

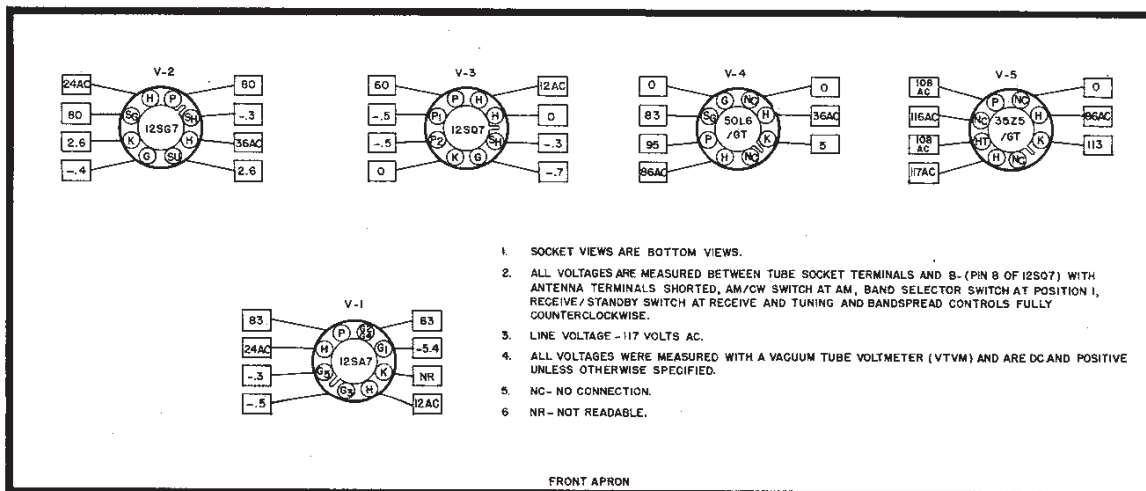


Fig. 7. Tube Socket Voltage Chart

92C1697-A

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-Courtesy Nostalgia Air

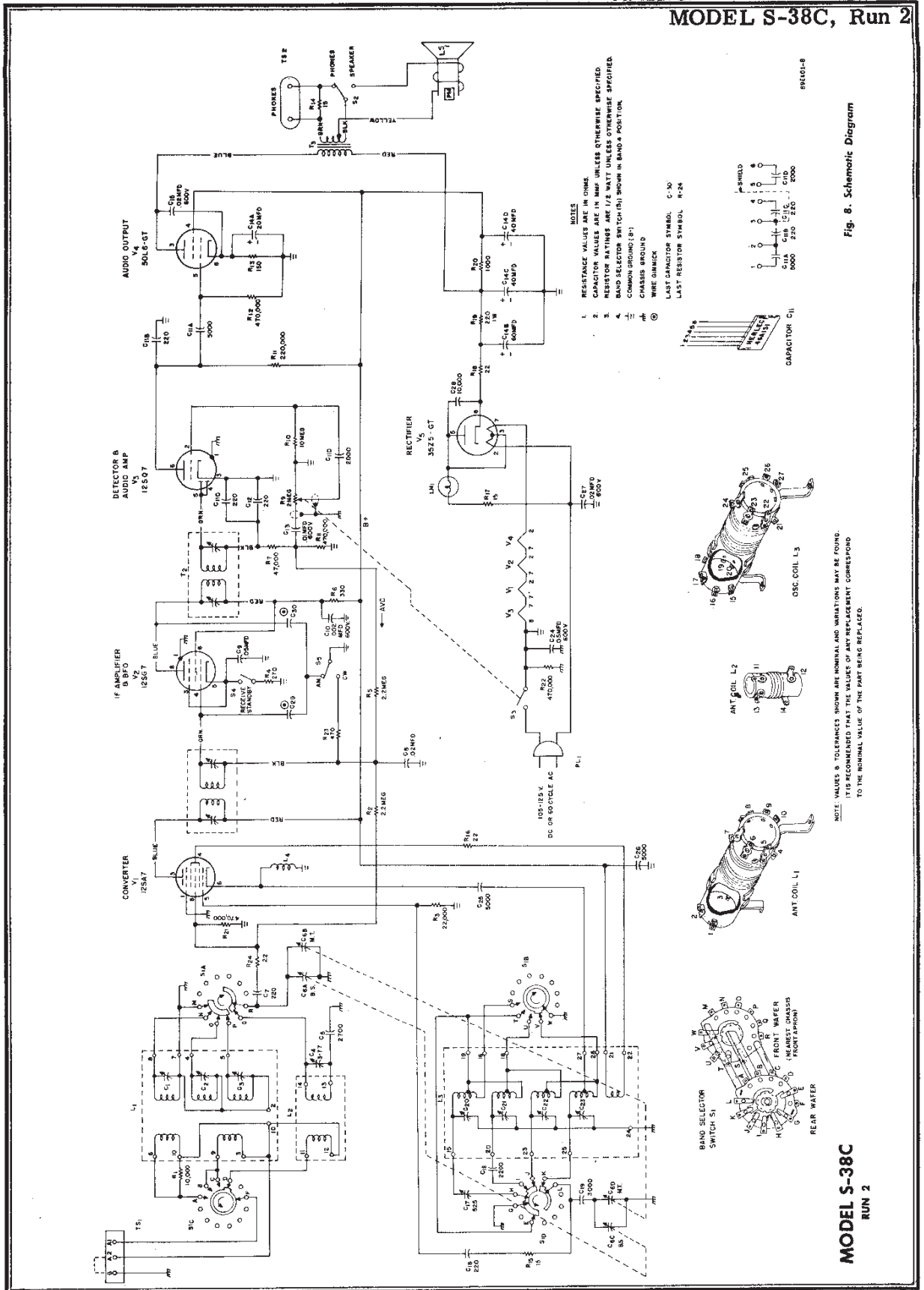


Fig. 8. Schematic Diagram

NOTE: VALUES & TOLERANCES SHOWN ARE NOMINAL AND VARIATIONS MAY BE FOUND. IT IS RECOMMENDED THAT THE VALUES OF ANY REPLACEMENT CORRESPOND TO THE NOMINAL VALUE OF THE PART BEING REPLACED.

MODEL S-38C
 RUN 2

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SERVICE PARTS LIST

Schematic Symbol	Description	Hallicrafters Part Number	Schematic Symbol	Description	Hallicrafters Part Number
CAPACITORS					
C-1,2,3	Trimmer; part of antenna coil L-1	-----	S-1A,B,C&D	Bandswitch assembly (BAND SELECTOR)	60C393
C-4	Trimmer, 3-77 mmf.	44A039	S-2,5	Switch, slide; spdt (SPEAKER/ PHONES and AM/CW)	60A477
C-5	2700 mmf. 5%, 500V.; mica	47X30B272J	S-3	Switch, ON-OFF; part of VOLUME control R-9	-----
C-6A,B,C&D	Tuning capacitor, 2 section	48C162-1	S-4	Switch, slide; spst (RECEIVE/ STANDBY)	60A476
C-7,12,16	220 mmf. 10%, 500V.; mica	47X20B221K			
C-8,15	.02 mfd. 600V., tubular	46AY203J			
C-9	.05 mfd. 200V., tubular	46AU503J			
C-10	.002 mfd. 600V., tubular	46AZ202F			
C-11A,B,C &D	Capacitor, composite: 5000, 220, 220 and 2000 mmf., 500V.; ceramic	46A151 46AZ103J			
C-13	.01 mfd. 600V., tubular	46A151			
C-14A,B,C &D	60-40-40 mfd. 150V., 20 mfd. 25V.; electrolytic	46AZ103J	TS-1	Socket, dial lamp; includes leads	86A011
C-17	Padder, 525 mmf.	45B091	TS-2	Socket, tube; octal	6A250
C-18	2200 mmf. 5%, 500V.; mica	44A349		Terminal strip, antenna	88A671
C-19	3000 mmf. 5%, 500V.; mica	47X30B222J		Tip jacks, PHONE	88A071
C-20,21,22, 23	Trimmer; part of oscillator coil L-3	47X30B302J			
C-24	.05 mfd. 600V., tubular	-----	V-1	12SA7: convertor	90X12SA7
C-25,26	5000 mmf. 450V., ceramic disc	46AY503J	V-2	12SG7: IF amplifier and BFO	90X12SG7
C-27	.02 mfd. 600V., molded tubular	47A168	V-3	12SQ7 or 12SQ7GT/G: detector and audio amplifier	90X12SQ7 or 90X12SQ7GT/G
C-28	10,000 mmf. 450V., ceramic disc	46BR203L6	V-4	50L6GT: audio output	90X50L6GT
		47A217	V-5	35Z5GT: rectifier	90X35Z5GT
			LM-1	Lamp, dial; type 47	39A004
RESISTORS					
R-1	10,000 ohms 1/2 watt, carbon	23X20X103M			
R-2,5	2.2 megohms 1/2 watt, carbon	23X20X225M			
R-3	22,000 ohms 1/2 watt, carbon	23X20X223M			
R-4	270 ohms 1/2 watt, carbon	23X20X271K			
R-6	330 ohms 1/2 watt, carbon	23X20X331M			
R-7	47,000 ohms 1/2 watt, carbon	23X20X473M			
R-8,12,21,22	470,000 ohms 1/2 watt, carbon	23X20X474M			
R-9	2 megohms; VOLUME control	25B896			
R-10	10 megohms 1/2 watt, carbon	23X20X106M			
R-11	220,000 ohms 1/2 watt, carbon	23X20X224M			
R-13	150 ohms 1/2 watt, carbon	23X20X151K			
R-14,15,17	15 ohms 1/2 watt, carbon	23X20X150M			
R-16,18,24	22 ohms 1/2 watt, carbon	23X20X220M			
R-19	220 ohms 1 watt, carbon	23X30X221M	PL-1	Knob, BAND SELECTOR and VOLUME	15A049
R-20	1000 ohms 1/2 watt, carbon	23X20X102M		Knob, BAND SPREAD and TUNING	15A048
R-23	470 ohms 1/2 watt, carbon	23X20X471K		Line cord and plug	87A078
				Line cord lock; male section	76A397-1
				Line cord lock; female section	76A397-2
COILS AND TRANSFORMERS					
L-1	Coil, antenna; bands 1, 2 and 3	51C821		Mounting foot, cabinet	16A244
L-2	Coil, antenna; band 4	51B1015	LS-1	Pointer, dial; BAND SPREAD	82A216
L-3	Coil, oscillator; all bands	51C822		Pointer, dial; TUNING	82A217
L-4	Choke, RF; 540 microhenries	53A107		Speaker, 5-inch PM	85C030
T-1	Transformer, 1st IF	50C531		Spring, dial cord	75A012
T-2	Transformer, 2nd IF	50C532			
T-3	Transformer, audio output	55A127			
SWITCHES					
SOCKETS AND CONNECTORS					
TUBES AND DIAL LAMP					
MISCELLANEOUS PARTS					