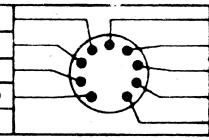
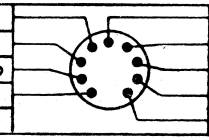
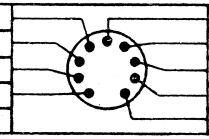
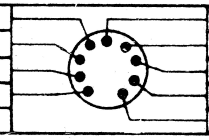
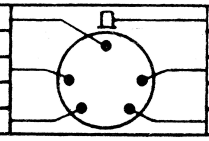
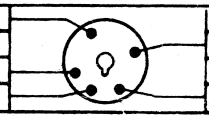
HIS MASTER'S VOICE R53B, R43B

VOLTAGE TABLE

- VOLTAGES AND CURRENTS ARE WITH THE RECEIVER OPERATING ON AVERAGE MAINS VOLTAGE AND TUNED TO A POINT OF NO RECEPTION ON THE BROADCAST BAND.
- VOLTAGE READINGS TAKEN WITH METER RESISTANCE OF 1,000 OHMS PER VOLT.
- VOLTAGE AND CURRENT READINGS WITHIN ± 15 %.
- RESISTANCE READINGS ARE APPROXIMATE.

VOLTS TO CHASSIS	CURRENT mA	RESISTANCE TO CHASSIS	VALVE ELECTRODE	BOTTOM VIEW OF VALVE SOCKET	VALVE ELECTRODE	VOLTS TO CHASSIS	CURRENT mA.	RESISTANCE TO CHASSIS
			V1	6AN7	FREQUENCY CHANGER.			
6·3 A.C.	230 A.C.	—	HEATER		HEATER	—	—	0
0	9·6	0	CATHODE		INTERNAL CON.	—	—	—
—	—	3·1 MΩ	CONTROL GRID		HEXODE PLATE	240	2·8	50 KΩ
90	3·0	25 KΩ	SCREEN GRID		OSC. PLATE	115	3·8	80 KΩ
					OSC. GRID	—	—	50 KΩ
			V2	6N8	I.F. AMPLIFIER - DEMODULATOR			
—	—	0	HEATER		HEATER	6·3 A C	300 A.C.	—
—	7·4	0	CATHODE		PLATE	240	5 6	50K
—	—	3·0 MΩ	CONTROL GRID		DIODE Nº1 PLATE	—	—	0
80	1·8	150 KΩ	SCREEN GRID		DIODE Nº2 PLATE	—	—	175 KΩ
					SUPP. GRID	—	—	0
			V3	6N8	1ST. A.F. AMPLIFIER - A.V.C.			
—	—	0	HEATER		HEATER	6·3 A.C.	300 A.C.	—
1·2	2·5	500 Ω	CATHODE		PLATE	50	1·9	150 KΩ
—	—	2·0 MΩ	CONTROL GRID		DIODE Nº1 PLATE	—	—	1·0 MΩ
40	0·6	350K Ω	SCREEN GRID		DIODE Nº2 PLATE	—	—	0
					SUPP. GRID	1·2	—	500 Ω
			V4	6N8	2ND. A.F. AMPLIFIER			
6·3 A C	300 A.C.	—	HEATER		HEATER	—	—	0
1 3	1·3	1100 Ω	CATHODE		PLATE	45	1·0	250 KΩ
—	—	83K Ω	CONTROL GRID		DIODE Nº1 PLATE	—	—	0
30	0·3	750K Ω	SCREEN GRID		DIODE Nº2 PLATE	—	—	0
					SUPP. GRID	1·3	—	1100 Ω
			V5	807	OUTPUT			
—	—	550KΩ	GRID		PLATE	235	70	52 KΩ
255	3	52 KΩ	SCREEN GRID		CATHODE	13	73	170 Ω
—	—	0	HEATER		HEATER	6·3 A.C.	900 A.C.	—
			V6	5Y3GT	RECTIFIER			
310 A.C.	—	213 Ω	PLATE Nº2					
					PLATE Nº1	310 A.C.		227 Ω
—	2 AMPS A.C.	—	FILAMENT					
			NO CONN.		FILAMENT	310		51 KΩ

REMARKS:-

BACK-BIAS VOLTAGE = 2·0 VOLTS

TOTAL H.T. CURRENT = 100 mA.