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LEADER IN DEPENDABILITY SINCE 1910

SUPPLEMENTARY DATA-OBSOLETE TUBE TYPES MODEL 539B-539C TUBE TESTERS

SUPPLEMENTARY DATA-OBSOLETE TUBE TYPES

MODEL 539B-539C TUBE TESTERS

- Note 1:** The letter, in the column that precedes the Mutual Conductance Reading, indicates the setting for the Function Switch.
- Note 2:** A # in the Bias column indicates Bias should be set at 40 Volts and proper button pressed while Bias control is rotated until tube strikes. The striking voltages on the chart are nominal values and reference to handbook critical grid characteristic thyratron curves will reveal appreciable variations from these average values.
- Note 3:** A star ★ indicates Emission Test only and good tubes should read above mark, Rectifiers and Diodes OK.
- Note 4:** Mutual Conductance Values are minimum. Discard tubes which read lower.
- Note 5:** Adjust Bias Volts after P4 is pressed for Mutual Conductance Readings.
- Note 6:** A symbol (♯) in the Notations column indicates that Short on Position A is normal.

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TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT. COND.	NOTATIONS
1A4	2.0	ER-0230-0	2.5	---	---	E	470	♯ Cap = G. Hold down P1 and Press P4
1A6	2.0	GR-0250-4	2.8	---	---	E	470	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1A6	2.0	GR-4350-2	5.5	---	P4	F	160	♯ Osc. Sect.
1AB5	1.1	JR-6230-0	0.0	---	P4	E	900	♯
1B5	2.0	GR-5200-0	4.0	---	P4	E	360	♯ Triode Sect.
1B5	2.0	GR-5400-0	0.0	---	P1	D	★	♯ Diode No. 1
1B5	2.0	GR-5300-0	0.0	---	P1	D	★	♯ Diode No. 2
1B7	1.4	HS-0340-5	0.0	---	---	E	630	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1B7	1.4	HS-5640-3	0.0	---	---	D	570	♯ Osc. Sect. Hold down P1 and press P4
1C6	2.0	GR-0253-4	2.0	---	---	E	630	♯ Ampl. Sect. Cap = G. Hold down P1 and press P4
1C6	2.0	GR-4352-0	4.0	---	P4	F	190	♯ Osc. Sect.
1C7	2.0	HS-0346-5	2.0	---	---	E	630	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1C7	2.0	HS-5643-0	4.0	---	P4	F	190	♯ Osc. Sect.
1D7	2.0	HS-0346-5	2.8	---	---	E	470	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1D7	2.0	HS-5643-0	5.5	---	P4	F	160	♯ Osc. Sect.
1D8	1.4	HS-5346-0	2.0	---	P4	E	550	♯ Pent. Sect. Plate Volts = Low
1D8	1.4	HS-0600-0	1.5	---	P4	F	280	♯ Triode Sect. Cap = G. Plate Volts = Low
1D8	1.4	HS-0800-0	0.0	---	P1	D	★	♯ Diode Sect.
1E4	1.4	HS-5300-0	0.0	---	P4	E	825	♯
1E5	2.0	HS-0340-0	2.3	---	---	E	500	♯ Cap = G. Hold down P1 and press P4
1E7	2.0	HS-5683-4	2.3	---	P4	D	900	♯ Pent. No. 1
1E7	2.0	HS-4386-5	2.3	---	P4	D	900	♯ Pent. No. 2
1F4	2.0	FR-3240-0	2.5	---	P4	E	880	♯
1F5	2.0	HS-5340-0	2.5	---	P4	E	880	♯
1F6	2.0	GR-0230-0	0.6	---	---	E	410	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1F6	2.0	GR-0530-0	0.0	---	P1	D	★	♯ Diode No. 1. OK above 200 on 3000 scale
1F6	2.0	GR-0430-0	0.0	---	P1	D	★	♯ Diode No. 2. OK above 200 on 3000 scale
1F7	2.0	HS-0360-0	0.6	---	---	E	410	♯ Pent. Sect. Cap = G. Hold down P1 and press P4
1F7	2.0	HS-0463-0	0.0	---	P1	D	★	♯ Diode No. 1
1F7	2.0	HS-0563-0	0.0	---	P1	D	★	♯ Diode No. 2
1G4	1.4	HS-5300-0	4.5	---	P4	E	520	♯ Plate Volts = Low
1G5	2.0	HS-5340-0	6.2	---	P4	E	950	♯

TUBE TYPE	FIL.	SELECTORS	BIAS		SHUNT	PRESS	RANGE	MIN.		NOTATIONS
			VOLTS					MUT.	COND.	
112A	5.0	ER-3200-0	14.0	---	P4	E	1040	↓		
HY114	1.4	HS-0000-0	5.0	----	P4	E	700	↓	Right Cap = P Left Cap = G	
117Z4	117.0	HS-0508-0	0.0	91	P3	G	★			
X-155	6.3	EV-7608-9	2.2	---	P4	C	2500		Triode No. 1	
X-155	6.3	EV-2103-9	2.2	---	P4	C	2500		Triode No. 2	
CK505AX	0.6	DV-4120-0	2.7	---	P4	F	110	↓		
CK510AX	0.6	EX-1230-6	0.0	---	P5	F	★	↓	Section No. 1 OK above 50 on 600 scale.	
CK510AX	0.6	EX-6530-1	0.0	---	P5	F	★	↓	Section No. 2 OK above 50 on 600 scale.	
CK556AX	1.1	ES-3100-0	6.0	---	P4	D	1000	↓		
CK568AX	1.1	ES-3100-0	9.0	---	P4	D	410	↓		
CK569AX	1.1	DV-4120-0	0.0	---	P4	D	690	↓	Plate Volts = Low	
CK571AX	1.1	DU-7120-0	18.0	---	P4	F	100	↓		
CK573AX	1.1	CU-3100-0	0.0	---	P4	D	1260	↓	Plate Volts = Low	
CK574AX	0.6	DV-4120-0	6.0	---	P4	F	100	↓		
CK605CX	6.3	DU-7126-5	1.8	---	P4	C	3150			
CK606BX	6.3	CT-0104-0	0.0	0	P1	G	★		Diode	
CK608CX	6.3	DU-5106-0	3.2	---	P4	C	3150			
CK619CX	6.3	CT-4105-0	0.6	---	P4	C	2500			
811	6.3	ER-3000-0	0.0	---	P4	E	850	↓	Cap = P	
SD828A	6.3	EW-3152-0	2.8	---	P4	C	2080			
SD828E	6.3	EW-3051-2	1.6	---	P4	D	1825		Top Lead = P	
834	7.5	ER-0000-0	0.0	---	P4	E	1040	↓	Near Cap = G Far Cap = P	
SD917A	6.3	DU-2105-0	0.8	---	P4	D	1700		Plate Volts = Low	
SN944	6.3	EW-3051-2	2.0	---	P4	D	1500		Top Lead = P	
SN946B	6.3	CT-0104-0	0.0	0	P1	G	★		Diode	
SN947D	6.3	DW-1578-0	11.0	----	P4	C	3150			
SN949C	6.3	DW-7105-2	#	89	P5	G	★		Strikes at about 2.5V	
SN953D	6.3	DW-1572-0	3.0	---	P4	C	3800			
SN954	6.3	ES-0103-0	0.0	85	P3	G	★			
SN954B	6.3	DW-0205-0	0.0	85	P3	G	★			
SN956B	1.1	BS-0000-0	0.0	---	P3	B	★	↓	Top Lead = P. Connect Fil. Leads to Pins 1 and 2	
SN957A	6.3	FT-4102-0	1.4	---	P4	D	1700		Plate Volts = Low	
SN972D	6.3	DW-1574-0	1.6	---	P4	D	1900			
SN973B	6.3	DW-1574-0	2.0	---	P4	C	2500			
SN976C	6.3	DW-1578-0	12.0	---	P4	C	3150			
SD993C	6.3	DW-1805-0	0.0	---	P4	C	3660		Plate Volts = Low	
SD995B	6.3	DW-1574-0	1.6	---	P4	D	1900			
FM1000	6.3	JR-0453-2	Use this setting for Short Check Only							
FM1000	6.3	JR-2503-7	3.2	---	P4	D	950		Plate Volts = Low	
1005	6.3	GY-0305-0	0.0	88	P5	G	★	↓	Plate No. 1	
1005	6.3	GY-0503-0	0.0	88	P5	G	★	↓	Plate No. 2	
SN1006	6.3	FT-4102-0	1.5	---	P4	D	1500		Plate Volts = Low	
CK1027	---	AP-0407-0	0.0	67	P5	G	★		Cap = P	
CK1042	---	AP-0105-0	0.0	87	P2	G	★			
E1148	6.3	HS-0008-0	1.5	---	P4	D	1390		Upper Cap = P Lower Cap = G	
1247	0.6	EV-0000-0	0.0	0	P1	G	★	↓	Top Lead = P	
HY1269	12.6	FR-3024-0	0.0	---	P4	D	2500	↓	Cap = P. Short on 1	
1291	2.5	BY-6700-0	2.8	---	P4	D	1200	↓	Triode No. 1.	
1291	2.5	JR-3200-0	2.8	---	P4	D	1200	↓	Plate Volts = Low Triode No. 2	
1616	3.0	ER-0000-0	0.0	86	P2	G	★	↓	Cap = P	
1625	12.6	HR-4036-0	6.0	---	P4	D	2400		Cap = P	
1626	12.6	HS-5308-0	16.0	---	P4	E	1325			
1629	12.6	HS-5408-0	0.0	---	P4	G	----		Eye Open	
1629	12.6	HS-5438-0	0.0	---	P4	G	----		Eye Closed	
1654	1.4	BX-0000-0	0.0	---	P5	E	★	↓	Cap = P	
5517	---	AP-0407-0	0.0	89	P2	G	★		Cap = P	

TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT.COND.	NOTATIONS
25Y5	25.0	GR-0504-0	0.0	85	P3	G	★	Plate No. 1
25Y5	25.0	GR-0203-0	0.0	85	P3	G	★	Plate No. 2
25Z5	25.0	GR-0504-0	0.0	89	P3	G	★	Plate No. 1
25Z5	25.0	GR-0203-0	0.0	89	P3	G	★	Plate No. 2
25Z6	25.0	HS-0508-1	0.0	70	P3	D	★	Plate No. 1
25Z6	25.0	HS-0304-1	0.0	70	P3	D	★	Plate No. 2
26	1.4	ER-3200-0	10.2	---	P4	E	725	↓
27	2.5	FR-3204-0	11.0	---	P4	C	630	
30	2.0	ER-3200-0	10.2	---	P4	E	570	↓
31	2.0	ER-3200-0	11.4	---	P4	E	580	↓
32L7	35.0	HS-5348-0	10.0	---	P4	D	3000	Ampl. Sect.
32L7	35.0	HS-0601-3	0.0	89	P3	G	★	Rect. Sect.
33	2.0	FR-3240-0	7.3	---	P4	E	900	↓
RK33	6.3	HR-4506-0	7.5	---	P4	E	870	Triode No. 1
RK33	6.3	HR-0302-0	7.5	---	P4	E	870	Tetrode No. 2. Cap = G
34	2.0	ER-0230-0	2.1	---	---	E	380	↓ Cap = G. Hold down P1 and press P4
35	2.5	FR-0234-0	4.0	---	P4	E	650	Cap = G
35A5	35.0	JR-6237-0	1.5	---	---	C	3650	Hold down P1 and press P4.
35Z4	35.0	HS-0508-0	0.0	91	P3	G	★	
35Z6	35.0	HS-0508-0	0.0	91	P3	G	★	Plate No. 1
35Z6	35.0	HS-0304-0	0.0	91	P3	G	★	Plate No. 2
36	6.3	FR-0234-0	4.0	---	P4	D	660	Cap = G
37	6.3	FR-3204-0	10.6	---	P4	E	570	
38	6.3	FR-0234-0	8.7	---	P4	E	660	Cap = G
39/44	6.3	FR-0234-0	5.0	---	P4	E	630	Cap = G
40	5.0	ER-3200-0	3.0	---	P4	F	125	↓
40Z5	BLST	HS-0538-0	---	---	---	---	---	Short on 1-2-3-5 & AC
40Z5	50.0	HS-0508-0	0.0	91	P3	G	★	Rect. Sect.
41	6.3	GR-4235-0	9.0	---	P4	E	1000	
42	6.3	GR-4235-0	1.7	---	P4	D	1640	
43	25.0	GR-4235-0	14.0	---	P4	D	1450	
45Z3	50.0	HR-0204-0	0.0	90	P3	G	★	
45Z5	BLST	HS-0538-0	---	---	---	---	---	Short on 1-2-3-5 & AC
45Z5	50.0	HS-0508-0	0.0	91	P3	G	★	Rect. Sect.
46	2.5	FR-3240-0	5.6	---	P4	E	1250	↓
47	2.5	FR-3240-0	3.5	---	P4	E	1250	↓
48	25.0	GR-4235-0	25.0	---	P4	D	1260	
49	2.0	FR-3240-0	12.6	---	P4	E	710	↓
50	7.5	ER-3200-0	24.0	---	P4	E	950	↓
50Y6	50.0	HS-0508-0	0.0	89	P3	G	★	Plate No. 1
50Y6	50.0	HS-0304-0	0.0	89	P3	G	★	Plate No. 2
50Z7	BLST	HS-0060-0	---	---	---	---	---	Short on 1-2-3-5 & AC
50Z7	50.0	HS-0508-0	0.0	89	P3	G	★	Plate No. 1
50Z7	50.0	HS-0304-0	0.0	89	P3	G	★	Plate No. 2
51/51S	2.5	FR-0234-0	4.0	---	P4	E	640	Cap = G
57A	6.3	GR-0235-4	3.3	---	P4	E	770	Cap = G
58A/58AS	6.3	GR-0235-4	4.0	---	P4	E	900	Cap = G
VT67	2.0	ER-3200-0	9.1	---	P4	E	570	↓
HY69	6.3	FR-3024-0	0.0	---	P4	C	3150	↓ Cap = P
71A	5.0	ER-3200-0	25.0	---	P4	E	1040	↓
79	6.3	GR-0504-0	1.6	---	P4	D	630	Triode No. 1. Cap = G
79	6.3	GR-3204-0	1.6	---	P4	D	630	Triode No. 2
81	7.5	ER-0200-0	0.0	50	P3	G	★	↓
82	2.5	ER-0300-0	0.0	91	P3	G	★	↓ Plate No. 1
82	2.5	ER-0200-0	0.0	91	P3	G	★	↓ Plate No. 2
85	6.3	GR-0205-0	10.2	---	P4	E	620	Triode Sect. Cap = G
85	6.3	GR-0405-2	0.0	---	P1	D	★	Diode No. 1
85	6.3	GR-0305-2	0.0	---	P1	D	★	Diode No. 2
85AS	6.3	GR-0205-0	4.0	---	P4	E	800	Triode Sect. Cap = G
85AS	6.3	GR-0405-2	0.0	---	P1	D	★	Diode No. 1
85AS	6.3	GR-0305-2	0.0	---	P1	D	★	Diode No. 2
99	3.0	ER-3200-0	3.0	---	P4	F	270	↓

TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT. COND.	NOTATIONS
6Y5	6.3	GR-0504-0	0.0	91	P3	G	★	Plate No. 1
6Y5	6.3	GR-0304-0	0.0	91	P3	G	★	Plate No. 2
6Y7	6.3	HS-5608-3	1.6	---	P4	D	630	Triode No. 1
6Y7	6.3	HS-4308-6	1.6	---	P4	D	630	Triode No. 2
6Z7	6.3	HS-5608-0	0.9	---	P4	E	760	Triode No. 1
6Z7	6.3	HS-4308-0	0.9	---	P4	E	760	Triode No. 2
7AB7	6.3	HS-5314-0	1.5	---	P4	D	1150	
7AJ7	6.3	JR-6237-4	1.5	---	P4	D	1430	
7B5	6.3	JR-6237-0	9.0	---	P4	E	1000	
7B6	6.3	JR-3207-0	1.3	---	P4	D	700	Triode Sect.
7B6	6.3	JR-0607-2	0.0	---	P1	D	★	Diode No. 1
7B6	6.3	JR-0507-2	0.0	---	P1	D	★	Diode No. 2
7B8	6.3	JR-6257-4	0.0	---	---	E	820	Ampl. Sect. Hold down P1 and press P4
7B8	6.3	JR-4357-6	0.0	---	---	E	630	Osc. Sect. Hold down P1 and press P4
7C4	6.3	JR-0407-0	0.0	---	P1	E	★	Diode
7G8	6.3	JR-5736-2	0.4	---	P4	E	1320	Tetrode No. 1
7G8	6.3	JR-4236-7	0.4	---	P4	E	1320	Tetrode No. 2
7S7	6.3	JR-6257-4	3.0	---	P4	D	950	Heptode Sect.
7S7	6.3	JR-4307-5	2.0	---	P4	D	950	Triode Sect.
7T7	6.3	JR-6237-4	2.1	---	P4	D	1900	
10	7.5	ER-3200-0	11.8	---	P4	E	790	
12A	5.0	ER-3200-0	14.0	---	P4	E	1040	
12A5	12.6	HR-4235-0	18.0	---	P4	D	1130	
12A6	12.6	HS-5348-1	6.0	---	P4	D	1900	
12B8	12.6	HS-0341-0	4.3	---	P4	D	1140	Pent. Sect. Cap = G
12B8	12.6	HS-8506-0	0.8	---	P4	D	1260	Triode Sect.
12F5	12.6	HS-0408-0	0.9	---	P4	D	950	Cap = G
12SW7	12.6	HY-2603-1	4.5	---	P4	D	1200	Triode Sect.
12SW7	12.6	HY-0503-6	0.0	---	P1	D	★	Diode No. 1
12SW7	12.6	HY-0403-6	0.0	---	P1	D	★	Diode No. 2
12SX7	12.6	HY-4506-2	3.7	---	P4	D	1640	Triode No. 1
12SX7	12.6	HY-1203-5	3.7	---	P4	D	1640	Triode No. 2
12SY7	12.6	HS-8346-5	0.0	---	---	D	760	Ampl. Sect. Hold down P1 and press P4
12SY7	12.6	HS-5406-8	0.0	---	P4	C	2840	Osc. Sect.
12Z3	12.6	ER-0203-0	0.0	88	P3	G	★	
14A4	12.6	JR-6207-0	3.7	---	P4	D	1640	
14A5	12.6	JR-6237-0	1.3	---	P4	D	1900	
14E7	12.6	JR-6257-0	3.5	---	P4	D	820	Pent. Sect.
14E7	12.6	JR-0407-2	0.0	---	P1	D	★	Diode No. 1
14E7	12.6	JR-0307-2	0.0	---	P1	D	★	Diode No. 2
14Z3	12.6	ER-0203-0	0.0	88	P3	G	★	
15	2.0	FR-0234-0	0.0	---	---	E	440	Cap = G. Hold down P1 and press P4
19	2.0	GR-4500-0	4.8	---	P4	E	630	Triode No. 1
19	2.0	GR-3200-0	4.8	---	P4	E	630	Triode No. 2
22	3.0	ER-0230-0	3.7	---	---	E	315	Cap = G. Hold down P1 and press P4
24A	2.5	FR-0234-0	6.0	---	P4	D	630	Cap = G
25A7	25.0	HS-5348-6	13.0	---	P4	D	1130	Pent. Sect.
25A7	25.0	HS-0601-3	0.0	89	P3	G	★	Rect. Sect.
25AC5	25.0	HS-5308-0	0.9	---	P4	D	950	
25B5	25.0	GR-4235-0	0.0	---	P4	E	1570	
25B6	25.0	HS-5348-0	17.0	---	P4	D	2500	
25B8	25.0	HS-0341-0	3.5	---	P4	E	1260	Pent. Sect. Cap = G
25B8	25.0	HS-8506-0	0.9	---	P4	E	950	Triode Sect.
25D8	25.0	HS-0341-0	3.0	---	P4	D	1200	Pent. Sect. Cap = G
25D8	25.0	HS-5601-0	1.1	---	P4	D	700	Triode Sect.
25D8	25.0	HS-5801-0	0.0	---	P1	C	★	Diode Sect.
25N6	25.0	HS-5348-0	2.5	---	P4	D	1570	

TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT. COND.	NOTATIONS
6AD6	6.3	HS-4358-0	0.0	---	P4	G	----	Eye 1 Open
6AD6	6.3	HS-3458-0	0.0	---	P4	G	----	Eye 2 Closed
6AE5	6.3	HS-5308-0	25.5	---	P4	E	750	Eye 1 Closed
6AE6	6.3	HS-5408-3	0.0	---	P4	E	470	Eye 2 Open
6AE6	6.3	HS-5308-4	0.0	---	P4	E	540	Triode No. 1
6AE7	6.3	HS-6308-4	7.6	---	P4	E	950	Triode No. 2
6AE7	6.3	HS-4305-6	7.6	---	P4	E	950	Triode No. 1
6AF5	6.3	HS-5308-0	15.3	---	P4	E	950	Triode No. 2
6AJ7	6.3	HS-4865-3	1.0	---	P4	C	5650	
6AK7	6.3	HS-4865-1	1.7	---	P4	C	5000	
6AW7	6.3	HY-2601-0	0.0	---	P4	E	750	Triode Sect.
6AW7	6.3	HY-2305-0	0.0	0	P1	G	★	Diode No. 1
6AW7	6.3	HY-2401-0	0.0	0	P1	G	★	Diode No. 2
6AX6	6.3	HS-0508-0	0.0	91	P3	G	★	Plate No. 1
6AX6	6.3	HS-0304-0	0.0	91	P3	G	★	Plate No. 2
6B5	6.3	GR-4235-0	1.5	---	P4	D	950	
6B6	6.3	HS-0308-0	0.9	---	P4	D	700	Triode Sect. Cap = G
6B6	6.3	HS-0508-0	0.0	---	P1	D	★	Diode No. 1
6B6	6.3	HS-0408-0	0.0	---	P1	D	★	Diode No. 2
6B8	6.3	HS-0368-1	4.0	---	P4	E	720	Pent. Sect. Cap = G
6B8	6.3	HS-0568-1	0.0	---	P1	D	★	Diode No. 1
6B8	6.3	HS-0468-1	0.0	---	P1	D	★	Diode No. 2
6C7	6.3	HR-0206-0	6.9	---	P4	E	780	Triode Sect. Cap = G
6C7	6.3	HR-0506-0	0.0	---	P1	D	★	Diode No. 1
6C7	6.3	HR-0406-0	0.0	---	P1	D	★	Diode No. 2
6C8	6.3	HS-5608-0	2.1	---	P4	D	1000	Triode No. 1
6C8	6.3	HS-0304-0	2.1	---	P4	D	1000	Triode No. 2 Cap = G
6D5	6.3	HS-5308-0	19.0	---	P4	D	1260	
6D7	6.3	HR-0236-4	4.0	---	P4	E	770	Cap = G
6D8	6.3	HS-0348-5	0.0	---	---	E	820	Ampl. Sect. Cap = G
6D8	6.3	HS-5648-3	0.5	---	P4	F	190	Hold down P1 and press P4
6E6	6.3	HR-5604-0	13.5	---	P4	E	880	Osc. Sect.
6E6	6.3	HR-3204-0	13.5	---	P4	E	880	Triode No. 1
6E7	6.3	HR-0236-4	4.0	---	P4	E	950	Triode No. 2
6G5	6.3	GR-5403-0	0.0	---	P4	G	----	Cap = G
6G5	6.3	GR-5423-0	0.0	---	P4	G	----	Eye Open. Short on B
6H4	6.3	HS-0408-0	0.0	0	P1	G	★	Eye Closed. Short on B
6K5	6.3	HS-0308-0	2.0	---	P4	D	880	Cap = G
6N5	6.3	GR-5403-0	0.0	100	P4	G	----	Eye Open. Short on B
6N5	6.3	GR-5423-0	0.0	100	P4	G	----	Eye Closed. Short on B
6N6	6.3	HS-5348-0	0.0	---	P4	E	950	
6P7	6.3	CT-0458-6	5.0	---	P4	E	700	Pent. Sect. Cap = G
6P7	6.3	CT-7608-4	5.0	---	P4	E	315	Triode Sect.
6Q6	6.3	HS-0308-0	2.3	---	P4	E	630	Triode Sect. Cap = G
6Q6	6.3	HS-0508-0	0.0	---	P1	D	★	Diode No. 1
6Q6	6.3	HS-0408-0	0.0	---	P1	D	★	Diode No. 2
6SZ7	6.3	HY-2603-1	1.5	---	P4	D	760	Triode Sect.
6SZ7	6.3	HY-0503-1	0.0	---	P1	D	★	Diode No. 1
6SZ7	6.3	HY-0403-1	0.0	---	P1	D	★	Diode No. 2
6T5	6.3	GR-5403-0	0.0	---	P4	G	----	Eye Open. Short on B
6T5	6.3	GR-5423-0	0.0	---	P4	G	----	Eye Closed. Short on B
6T7	6.3	HS-0308-0	2.3	---	P4	E	630	Triode Sect. Cap = G
6T7	6.3	HS-0508-0	0.0	---	P1	D	★	Diode No. 1
6T7	6.3	HS-0408-0	0.0	---	P1	D	★	Diode No. 2
6U7	6.3	HS-0348-5	3.3	---	P4	D	1000	Cap = G
6V7	6.3	HS-0308-0	11.8	---	P4	E	610	Triode Sect. Cap = G
6V7	6.3	HS-0508-0	0.0	---	P1	D	★	Diode No. 1
6V7	6.3	HS-0408-0	0.0	---	P1	D	★	Diode No. 2
6W5	6.3	HS-0508-0	0.0	85	P3	G	★	Plate No. 1
6W5	6.3	HS-0308-0	0.0	85	P3	G	★	Plate No. 2
6W7	6.3	HS-0348-5	4.2	---	P4	D	775	Cap = G

TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT. COND.	NOTATIONS
1G6	1.4	HS-5600-0	2.1	---	P4	E	420	↓ Triode No. 1
1G6	1.4	HS-4300-0	2.1	---	P4	E	420	↓ Triode No. 2
1H4	2.0	HS-5300-0	9.1	---	P4	E	570	↓
1J5	2.0	HS-5340-0	15.0	---	P4	E	600	↓
1J6	2.0	HS-5600-0	1.9	---	P4	E	630	↓ Triode No. 1
1J6	2.0	HS-4300-0	1.9	---	P4	E	630	↓ Triode No. 2
1N6	1.4	HS-5340-0	11.8	---	P4	E	500	↓ Pent. Sect.
1N6	1.4	HS-0600-0	0.0	---	P1	D	★	↓ Diode Sect. OK above 500 on
1P5	1.4	HS-0340-0	1.0	---	P4	E	500	↓ Cap = G (3000 scale)
1R4	1.4	JR-0407-0	0.0	---	P1	D	★	↓ Diode
1SA6	1.4	HS-4863-0	0.0	---	---	E	525	↓ Hold down P1 and press P4
1SB6	1.4	HS-8340-0	0.5	---	P4	E	410	↓ Pent. Sect. Plate Volts = Low
1SB6	1.4	HS-8500-0	0.0	---	P1	D	★	↓ Diode Sect.
1T5	1.4	HS-5340-0	11.0	---	P4	E	725	↓
2A4	2.5	HS-5300-0	#	86	P5	G	★	↓ Strikes at about 8.5 V
2A5	2.5	GR-4235-0	1.7	---	P4	D	1640	↓
2A6	2.5	GR-0205-0	1.1	---	P4	D	700	↓ Triode Sect. Cap = G
2A6	2.5	GR-0405-0	0.0	---	P1	D	★	↓ Diode No. 1
2A6	2.5	GR-0305-0	0.0	---	P1	D	★	↓ Diode No. 2
2A7	2.5	HR-0236-5	1.0	---	P4	D	1000	↓ Pent. Sect. Cap = G
2A7	2.5	HR-5436-2	4.0	---	P4	F	280	↓ Plate Volts = Low
2B4	2.5	FR-3204-0	#	89	P5	G	★	↓ Osc. Sect.
2B6	2.5	HR-4236-0	7.0	---	P4	E	950	↓ Strikes at about 24 V
2B22	6.3	HS-0008-0	0.0	88	P3	G	★	↓ Top Washer = P
2C4	2.5	HR-3504-0	#	88	P5	G	★	↓ Strikes at about 23 V
2C22	6.3	HS-0008-0	3.7	---	P4	D	1900	↓ Far Cap = G
2C26	6.3	HS-0008-0	2.5	---	P4	E	950	↓ Near Cap = P
2C40	6.3	HS-0008-0	1.5	---	P4	C	3000	↓ Right Cap = P
2C43	6.3	HS-0008-0	0.4	---	P4	C	5000	↓ Left Cap = G
2E5	2.5	GR-5403-0	0.0	---	P4	G	----	↓ Cap = P. Ring = G.
2E5	2.5	GR-5423-0	0.0	---	P4	G	----	↓ Cap = P. Ring = G.
2V3	2.5	HS-0000-0	0.0	12	P5	G	★	↓ Eye Open. Short on B
2W3	2.5	JS-0400-0	0.0	85	P3	G	★	↓ Eye Closed. Short on B
2Z2	2.5	ER-0200-0	0.0	65	P3	G	★	↓ Cap = P
3A8	2.5	HS-0340-0	2.2	---	P4	E	470	↓ Pent. Sect. Cap = G
3A8	2.5	HS-5600-0	0.0	---	P4	F	125	↓ Triode Sect.
3A8	2.5	HS-0800-0	0.0	---	P1	D	★	↓ Diode Sect.
3B5	2.5	HS-5340-0	6.2	---	P4	E	950	↓ Plate Volts = Low
3B7	2.5	BY-6700-0	2.8	---	P4	D	1200	↓ Triode No. 1
3B7	2.5	JR-3200-0	2.8	---	P4	D	1200	↓ Triode No. 2
3B24	2.5	ER-0000-0	0.0	63	P5	G	★	↓ Plate Volts = Low
3B24	2.5	CR-0000-0	0.0	63	P5	G	★	↓ Cap = P.
3B29	3.0	ER-0000-0	0.0	80	P5	G	★	↓ 1st Half of Fil.
3C6	2.5	BY-5600-0	3.5	---	P4	D	700	↓ Cap = P
3C6	2.5	JR-4300-0	3.5	---	P4	D	700	↓ Triode No. 1
5AX4	5.0	JS-0600-0	0.0	80	P3	G	★	↓ Plate Volts = Low
5AX4	5.0	JS-0400-0	0.0	84	P3	G	★	↓ Plate No. 1
5X3	5.0	ER-0300-0	0.0	75	P3	G	★	↓ Plate No. 2
5X3	5.0	ER-0200-0	0.0	70	P3	G	★	↓ Plate No. 1
6A4	6.3	FR-3240-0	5.0	---	P4	E	1260	↓ Plate No. 2
6AB5	6.3	GR-5403-0	0.0	---	P4	G	----	↓
6AB5	6.3	GR-5423-0	0.0	---	P4	G	----	↓ Eye Open. Short on B.
6AB6	6.3	HS-5348-0	0.9	---	P4	D	920	↓ Eye Closed. Short on B
6AC6	6.3	HS-5348-0	0.0	---	P4	E	1500	↓

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TUBE TYPE	FIL.	SELECTORS	BIAS VOLTS	SHUNT	PRESS	RANGE	MIN. MUT. COND.	NOTATIONS
5608A	2.5	HR-5604-2	1.5	---	P4	D	1550	Triode No. 1
5608A	2.5	HR-3204-6	1.5	---	P4	D	1550	Triode No. 2
5823	---	AP-4103-0	40.0	70	P5	G	★	
7193	6.3	HS-0008-0	3.7	---	P4	D	1900	Upper Cap = G Lower Cap = P
38142	7.5	ER-3200-0	8.0	---	P4	E	1380	↓
XXB	2.5	BY-5600-0	3.5	---	P4	D	700	↓ Triode No. 1 Plate Volts = Low
XXB	2.5	JR-4300-0	3.5	---	P4	D	700	↓ Triode No. 2 Plate Volts = Low
XXD	12.6	JR-5607-0	4.2	---	P4	D	1640	Triode No. 1
XXD	12.6	JR-4302-0	4.2	---	P4	D	1640	Triode No. 2
XXFM	6.3	JR-3204-0	1.1	---	P4	D	630	Triode Sect.
XXFM	6.3	JR-0504-0	0.0	0	P1	G	★	Diode No. 1
XXFM	6.3	JR-0607-0	0.0	0	P1	G	★	Diode No. 2
XXL	6.3	JR-6207-0	3.7	---	P4	D	1640	