

TABLE OF COMPONENTS

B89

Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	500 pf.	2	3	21 N	C19	92 pf.	18	37	4 E	R5 S	27	25	27		L6	3	2	3	20 N
C2	80 pf.	8	5	21 M	C22	92 pf.	39	14	4 D	R6 S	4,700	20	37		L7	*	28	5	18 N
S	20 pf.				C23	0.05 μ f.	17	5	15 P	R7	39,000	17	37	18 O	S	*	24	29	
C3a	Variable	12	5	5 C	C24	92 pf.	37	42	7 D	R8	47,000	44	47	16 P	L8	1.5	32	34	18 N
C3b	Variable	38	5	5 B	C27	92 pf.	43	44	8 E	R9	1 M Ω	47	23	17 O	L9	1.3	29	5	19 N
C4	Trimmer	12	5	6 C	C28	8 μ f.	37	5	17 M	R12	2.2 M Ω	14	47	16 O	S	*	22	25	
C6	0.025 μ f.	5	14	16 N	C29	100 pf.	44	5	17 O	R13	2 M Ω	48	5	13 K	L12	2	33	34	19 N
C7	500 pf.	12	13	20 R	C32	100 pf.	47	5	17 O	R14	68,000	37	53	15 N	S	*	20	36	
C8	200 pf.	24	27	20 P	C33	0.002 μ f.	47	48	17 N	R17	270,000	54	57	15 N	L13	8	18	37	4 E
S	200 pf.	20	29		C34	0.003 μ f.	53	54	15 N	R18	2.2 M Ω	54	52	15 N	L14	8	14	39	4 E
C9	200 pf.	33	5	18 M	C37	0.01 μ f.	37	59	15 M	R19	3.9 M Ω	52	14	16 O	L17	8	37	42	7 E
S	—	—	—		C38	0.003 μ f.	37	58	15 N	R22	330	52	5	14 M	L18	8	43	44	7 E
C11 S	0.006 μ f.	20	5		C39	50 μ f.	52	5	14 N	R23	100,000	58	59	16 K					
C12	Trimmer	33	5	19 M															
S	Trimmer	32	34		R1	470,000	13	14	20 R	L1	*	3	4	20 M	T1 Prim.	700	37	58	9 B
C13	0.05 μ f.	34	5	18 O	R2	330	22	24	21 P	L2	2	7	5	20 M	Sec.	*	63	5	
C14	Trimmer	38	5	6 B	S	330	28	24		L3	13	8	9	21 M	L.S.				
C17	662 pf.	32	35	18 J	R3	22,000	22	23	22 R	S	*	6	5		Sp. coil	4	67	5	
S	700 pf.	32	35		S	22,000	27	23		L4	1	9	5	21 M					
C18	414 pf.	33	36	18 J	R4	47,000	34	37	18 P	S	*	8	5						
S	—	—	—																
All values marked "*" less than 1 ohm.																			

TABLE OF COMPONENTS

A90

Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	500 pf.	2	3	22 P	C37	0.01 μ f.	T 59	69	17 K	R15	RG 12,000	5	67	18 N	L16	1.7	5	39	17 F
C2	5-35 pf.	5	9	7 L			RG 59	68	15 N	R16	1 M Ω	5	69	15 D	L17	5.5	19	20	9 B
C3	10 pf.	5	12	19 B	C38	100 pf.	59	64	16 L	R17	470,000	59	64	16 K	L18	5.5	18	53	9 C
C4	85 pf.	5	13	17 B	C39	100 pf.	58	64	16 M	R18	680	5	64	16 K	L19	5.5	38	54	5 B
C5	500 pf.	5	8	17 B	C42	150 pf.	58	62	5 C	R19	10,000	38	73	15 K	L21	5.5	58	62	5 C
C7	5-35 pf.	5	14	9 F	C43	8 μ f.	73	5	18 J	R22	47,000	72	73	15 L	L22	2300	38	92	L.S.F.
C8a	Gang	5	14	22 E	C44	0.05 μ f.	5	18	17 L	R23	470,000	5	74	14 K					
C8b	Gang	5	42	22 D	C47	0.01 μ f.	72	74	15 L	R24	47,000	74	76	14 M					
C9	500 pf.	14	17	21 L	C48	50 μ f. 12 v.	5	78	14 L	R27	200	5	78	14 K	T1 Pri.				
C12	0.05 μ f.	19	23	20 L	C49	0.04 μ f.	77	81	14 L	R28	50,000	78	81	14 H	200-205	17	104	103	
C13	0.05 μ f.	5	23	21 L	C52	8 μ f.	5	38	18 J					210-220	18	104	102		
C14	100 pf.	22	43	22 M	C53	16 μ f.	5	92	18 K	L1	2.5	2	3	22 N	230-240	20	104	99	3 E
C17	200 pf.	24	27	23 K						L2	*	5	4	19 B	250	22	104	98	
C19	5-35 pf.	5	48	8 K	R1	1 M Ω	17	18	21 L	L3	*	5	9	19 B	HT Sec.	215	5	94	
C22	260 pf.	5	39	17 F	R2	33,000 lw	22	37	22 K	L4	*	5	7	18 B		+230	5	97	
C23	5-35 pf.	5	48	5 L	R3	330	5	23	21 K	L6	2.25	5	12	18 B	T2 Pri.	290	77	38	11 F
C24	414 pf.	42	51	18 D	R4	22,000	23	24	23 K	L7	25	5	8	17 B	Sec.	*	5	82	
C26	5-35 pf.	5	39	6 K	R7	47	5	33	20 F	L8	15	5	13	17 B	P.U.	2000			
C27	700 pf.	42	52	19 D	R8	470	5	34	17 F	L9	*	33	32	19 F					
C28	139 pf.	19	20	9 B	R9	9,100 lw	19	38	20 L	L11	*	5	49	19 F					
C29	150 pf.	18	53	8 C	R12	470	5	57	19 L	L12	*	34	29	18 F					
C32	0.025 μ f.	5	57	19 L	R13	2.2 M Ω	18	58	17 L	L13	1.25	5	48	18 F					
C33	139 pf.	38	54	6 B	R14	100,000	58	59	16 K	L14	*	34	28	17 F					
C34	50 μ f. 12 v.	5	64	16 L											All values marked "*" less than 1 ohm.				

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Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	500 pf.	2	3	22 P	C37	0.01 μ f.	T 59	69	17 K	R16	1 M Ω	5	69	15 D	L9	*	33	32	19 F
C2	5-35 pf.	5	9	7 L			RG 59	68	15 N	R17	470,000	59	64	16 K	L11	*	5	49	19 F
C3	10 pf.	5	12	19 B	C38	100 pf.	59	64	16 L	R18	1,000	5	64	16 K	L12	*	34	29	18 F
C4	85 pf.	5	13	17 B	C39	100 pf.	58	64	16 M	R19	47,000	38	72	15 K	L13	1.25	5	48	18 F
C5	500 pf.	5	8	17 B	C42	150 pf.	58	62	5 C	R21	RG 12,000	5	69		L14	*	34	28	17 F
C6	0.01 μ f.	5	10	23 N	C43	16 μ f.	38	5	18 J	R22	1,000 lw	38	61	15 L	L16	1.7	5	39	17 F
C7	5-35 pf.	5	14	9 F	C44	0.05 μ f.	5	18	17 L	R23	470,000	5	74	14 K	L17	5.5	19	20	9 B
C8a	Gang	5	14	22 E	C47	0.01 μ f.	72	74	15 L	R24	47,000	74	76	14 M	L18	5.5	18	53	9 C
C8b	Gang	5	42	22 D	C48	50 μ f. 12v.	5	78	14 L	R26	47 2w	93	94		L19	5.5	38	54	5 B
C9	500 pf.	14	17	21 L	C49	0.1 μ f.	77	81	14 L	R27	140	5	78	14 K	L21	5.5	58	62	5 C
C12	0.05 μ f.	19	23	20 L	C52	16 μ f.	5	61	18 J	R28	25,000	78	81	14 H	L22	900	38	92	L.S.F.
C13	0.05 μ f.	5	23	21 L	C53	16 μ f.	5	92	18 K	R29	23 lw	5	89						
C14	100 pf.	22	43	22 M						R32	75	98	99		T2 Pri.	200	77	61	
C17	200 pf.	24	27	23 K						R33	100	99	102		Sec.	*	5	82	11 F
C19	5-35 pf.	5	48	8 K	R1	1 M Ω	17	18	21 L	R34	75	102	103		T3 Pri.	2	70	71	
C22	260 pf.	5	39	17 F	R2	22,000 lw	22	37	22 K	R37	336	103	97		Sec.	400	5	69	
C23	5-35 pf.	5	48	5 L	R3	390	5	23	21 K						P.U.	10			
C24	414 pf.	42	51	18 D	R4	22,000	23	24	23 K	L1	2.5	2	3	22 N					
C26	5-35 pf.	5	39	6 K	R7	47	5	33	20 F	L2	*	5	4	19 B					
C27	700 pf.	42	52	19 D	R8	470	5	34	17 F	L3	*	5	9	19 B					
C28	139 pf.	19	20	9 B	R9	5,100 lw	19	38	20 L	L4	*	5	7	18 B	Th. Delay Switch	18			
C29	150 pf.	18	53	8 C	R12	470	5	57	19 L	L6	2.25	5	12	18 B					
C32	0.025 μ f.	5	57	19 L	R13	2.2 M Ω	18	58	17 L	L7	25	5	8	17 B					
C33	139 pf.	38	54	6 B	R14	100,000	58	59	16 K	L8	15	5	13	17 B					
C34	50 μ f. 12v.	5	64	16 L	R15	RG 500	70	71	18 N										

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Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	500 pf.	2	3		C44	414 pf.	97	105		R14	82,000	29	127		L32	*	73	84	
C2	20 pf.	7	8		C47	5-35 pf.	5	102		R17	47,000	117	119		L33	*	73	87	
C3	45 pf.	5	8		C48	92 pf.	29	64		R18	1.5MΩ	119	139		L34	*	73	88	
C4	500 pf.	5	22		C49	92 pf.	108	112		R22	1.5MΩ	108	119		L37	*	73	89	
C5	0.05 μf.	5	6		C51	0.05 μf.	5	63		R23	150,000	109	132		L38	*	73	92	
C7	92pf.	23	32		C52	92 pf.	29	114		R24	2MΩ	122	124		L39	*	73	93	
C8	0.01 μf.	5	23		C53	92 pf.	117	118		R27	10MΩ ¼w	108	109		L42	*	77	78	
C9	500 pf.	24	27		C54	8 μf. 175v.	5	29		R28	920	5	124		L43	1.75	98	107	
C12	5-35 pf.	5	28		C57	0.002 μf.	5	127		R29	36	109	124		L44	1	78	79	
C13	58 pf.	24	49		C58	300 pf.	127	128		R32	2,700	109	138		L47	2.25	102	107	
C14a	Gang	5	59		C59	0.002 μf.	5	128		R37	150,000	134	135		L48	7	29	64	
C14b	Gang	5	97		C62	0.05 μf.	127	129							L49	7	108	112	
C16	0.05 μf.	5	108		C63	0.01 μf.	133	135		L1	2.5	2	3		L52	7	29	114	
C17	0.001 μf.	5	33		C64	50 pf.	5	117		L2	*	5	9		L53	7	117	118	
C18	30 pf.	33	48		C67	50 pf.	5	119		L3	*	5	12		L54	350	127	128	
C19	20 pf.	48	53		C68	0.01 μf.	119	122		L4	*	5	13						
C20	20 pf.	33	47		C69	50 μf. 12v.	5	109		L7	*	5	14						
C22	58 pf.	52	53							L8	*	5	17		T1 Pri.	180	5	129	
C23	139 pf.	5	74							L9	*	5	18		Sec.	710	132	131	
C24	139 pf.	74	82		R1	220,000	23	27		L13	*	5	19			+910	132	137	
C27	123 pf.	5	73		R2	680,000	7	109		L14	2.5	23	28		T2 Pri.	175	29	133	
C28	16 pf.	5	73		R3	100,000	6	29		L17	25	5	22		Sec.	+195	29	134	
C32	200 pf.	68	69		R4	2,700	33	29		L18	15	23	32			*	5	142	
C33	0.01 μf.	5	107		R6	10,000	23	108		L22	*	33	34		Speech Coil	3	5	144	
C34	220 pf.	102	107		R7	22,000	68	139		L23	*	33	37						
C37	20 pf.	98	107		R8	470	5	78		L24	*	33	42						
C38	83 pf.	97	83		R9	8,200	29	82		L27	*	33	43						
C39	310 pf.	97	94		R11	22,000	24	49		L28	*	33	44						
C42	662 pf.	97	99		R12	47,000	29	107		L29	*	33	47						
C43	5-35 pf.	5	98		R13	39,000	29	63											

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Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1	500 pf.	2	3	29 J	C53	414 pf.	98	102	24 B	R17	4,700	29	124	25 F	L33	*	93	113	20 A
C2	20 pf.	7	8	24 D	C54	10 pf.	5	102	27 C	R18	470	5	128	25 H	L34	*	93	114	21 A
C3	45 pf.	5	8	23 E	C57	139 pf.	29	73	12 A	R19	100,000	132	133	23 H	L37	*	93	117	22 A
C4	0.01 µf.	5	23	30 E	C58	150 pf.	122	123	11 B	R22	470,000	133	134	22 G	L38	*	93	118	23 A
C7	0.01 µf.	5	27	30 E	C59	0.05 µf.	5	124	25 G	R23	1MΩ	122	133	22 H	L39	*	93	119	24 A
C8	100 pf.	24	28	12 F	C62	0.05 µf.	5	122	24 G	R24	1MΩ	5	137	17 C	L42	*	84	88	25 A
C9	500 pf.	5	22	26 E	C63	0.05 µf.	5	128	24 F	R27	4,700	29	139	21 G	L43	1.25	5	89	25 A
CI2	5-35 pf.	5	32	11 K	C64	139 pf.	124	127	8 A	R28	47,000	139	142	21 H	L44	*	87	88	26 A
CI3	100 pf.	5	33	9 G	C67	150 pf.	129	132	7 B	R29	680	5	134	20 G	L47	1.7	5	92	26 A
CI4a	Gang	5	67	30 D	C68	100 pf.	134	132	23 G	R32	150,000	5	143	18 G	L48	5.5	29	73	11 A
CI4b	Gang	5	102	30 C	C69	100 pf.	134	133	23 F	R33	47,000	143	144	19 H	L49	5.5	122	123	11 B
CI6	16 pf.	44	47	4 E	C72	0.01 µf.	133	137	22 F	R34	200 ¼w	5	152	18 G	L52	5.5	124	127	8 A
CI7	22 pf.	48	49	6 E	C73	50 µf. 12v	5	134	20 G	R37	50,000	149	152	17 H	L52	5.5	124	127	8 A
CI8	33 pf.	52	53	8 E	C74	8 µf.	5	139	10 C	R38	10,000	149	152	18 G	L53	5.5	129	132	8 B
CI9	125 pf.	54	57	9 E	C76	0.025 µf.	142	145	20 F						L54	1,600	29	157	L.S.F.
C21	200 pf.	5	43	9 G	C77	8 µf.	5	29	10 D						L57	250	147	148	14 F
C22	175 pf.	59	62	9 E	C78	0.003 µf.	143	145	19 G	L1	2.5	2	3	29 J					
C23	18 pf.	58	62	8 G	C79	850 pf.	29	148	13 C	L2	*	5	9	19 E					
C24	30 pf.	5	58	5 G	C82	0.08 µf.	147	149	18 G	L3	*	5	12	20 E	T1 Pri.				
C27	200 pf.	68	69	12 E	C83	50 µf. 12v	5	152	18 F	L4	*	5	13	21 E	200-205	17	164	168	
C29	0.05 µf.	72	74	26 F	C84	16 µf.	5	157	10 D	L7	*	5	14	22 E	210-220	18	164	169	
C32	0.05 µf.	5	74	29 H						L8	*	5	17	23 E	230-240	20	164	172	2 D
C33	0.05 µf.	5	77	27 G						L9	*	5	18	24 E	250	22	164	173	
C34	100 pf.	78	82	27 E	R1	100,000	5	7	19 E	L13	*	5	19	10 G	H.T.Sec.	215	5	158	
C37	200 pf.	79	83	27 D	R2	220	41	27	26 G	L14	2.25	5	32	10 G		+230	5	159	
C38	200 pf.	107	108	19 B	R3	22,000	23	29	25 F	L17	25	5	22	11 G					
C39	200 pf.	5	108	20 B	R4	1MΩ	69	77	28 F	L18	15	5	33	11 G	T2 Pri.	290	147	29	14 C
C41	100 pf.	5	93	21 B	R5	820	5	41	26 H	L19	5	24	139	29 F	Sec.	*	5	155	
C42	100 pf.	5	93	23 B	R7	27,000 1w	29	72	26 F	L22	*	5	34	4 G					
C43	5-35 pf.	5	89	11 L	R8	33,000 1w	29	78	28 F	L23	*	5	37	5 G	L.S. Sp.				
C44	230 pf.	5	92	25 B	R9	22,000	74	79	28 G	L24	*	5	38	6 G	Coil	3	5	153	
C47	5-35 pf.	5	92	9 L	R10	20	78	80	29 F	L27	*	5	39	7 G					
C48	125 pf.	104	102	22 A	R12	330	5	74	26 G	L28	*	5	42	8 G					
C49	626 pf.	103	102	23 A	R13	4,700	77	122	21 G	L29	*	5	43	9 G					
C52	662 pf.	99	102	24 B	R14	470	5	88	27 A	L32	*	93	112	19 A					
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TABLE OF COMPONENTS

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Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square
C1a	Variable	4	5		C26	92 pf.	40	14	9 B	R10	1.0 M Ω	44	46	17 L	L17	7.5	19	14	9 E
C1b	Variable	18	5	6 D	C27	92 pf.	42	43	9 A	R12	2.2 M Ω	43	15	18 L	L18	7.5	38	15	9 D
C1c	Variable	36	5		C29	50 pf.	43	5	17 L	R13	2 M Ω	48	5	16 G	L19	7.5	40	14	9 B
C2	0.05 μ f.	8	5	22 M	C30	50 pf.	44	5	17 L	R14	68,000	52	14	14 L	L20	7.5	42	43	8 B
C3	20 pf.	6	5	23 K	C31	0.01 μ f.	44	48	16 H	R15	15,000	58	60	14 L					
C4	5-35 pf.	6	5	23 H	C33	0.05 μ f.	15	5	17 M	R17	10 M Ω	60	15	18 K					
C5	Trimmer	4	5	19 M	C35	0.05 μ f.	52	53	14 M	R18	680	60	5	18 K					
C6	200 pf.	12	14	3 C	C36	500 pf.	52	5	16 J						T1				
C7	75 pf.	15	16	2 C	C37	8 μ f.	14	5	18 H						Pri.	190	53	5	
C9	Trimmer	18	5	19 K	C39	0.007 μ f.	61	5	16 M	L1	*	1	2		Sec.	750	55	58	13 L
C11	0.05 μ f.	10	5	23 J	C40	0.007 μ f.	62	5	15 M	L2	1	4	6	Frame		+1,000	56	58	
C12	200 pf.	24	5	4 C	C41	50 μ f.	60	5	18 N	L3	1	2	5	aerial					
C14	0.05 μ f.	30	5	19 N						L4	17	6	8		T2				
C15	190 pf.	30	31	5 C						L7	3.5	11	12	2 C	Pri.	320	61	14	
C16	5-35 pf.	31	5	22 L	R1	220,000	8	15	20 M	L8	2.3	17	18	2 C	Sec.	+350	62	14	2 D
C17	20 pf.	36	5	20 K	R2	68	16	17	2 C	L9	85	12	14	2 C		*	64	5	
C19	Trimmer	36	5	19 L	R3	27,000	10	14	13 K	L10	20	15	16	2 C	Speech				
C20	700 pf.	29	33	21 H	R5	330	21	22	21 H	L13	1	23	24	4 C	Coil	4	64	5	
C21	414 pf.	31	35	21 H	R6	47,000	24	46	18 L	L14	1.5	29	30	4 C					
C23	92 pf.	19	14	8 E	R7	47,000	30	14	18 L	L15	1.5	26	24	4 C					
C24	92 pf.	15	38	9 D	R9	47,000	43	44	17 L	L16	2	30	31	4 C					

All values marked "*" less than 1 ohm.

TABLE OF COMPONENTS

AD94

Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	Code	Value	Test	Pts	Square	
C1	0.006 μ f.	6	5	24 J	C25	0.05 μ f.	15	5	21 F	R11	1 M Ω	43	41	17 B	L5	2	21	23	24 A	
C2	15 pf.	8	5	25 C	C26	0.025 μ f.	38	43	20 F	R14	1 M Ω	41	42	20 F	L6	*	26	5	24 A	
C3	5-35 pf.	9	5	2 C	C29	0.1 μ f.	41	5	19 F	R15	270,000	39	40	10 D	L7	*	22	25	24 B	
C4a	Gang	10	5	5 F	C30	0.025 μ f.	44	45	18 F	R16	47,000	18	44	18 F	L8	1.3	27	5	24 B	
C4b	Gang	32	5	5 D	C31	0.02 μ f.	18	49	19 H	R18	470,000	45	42	18 F	L9	6	17	16	6 H	
C5	500 pf.	10	11	24 F	C32	16 μ f.	18	42	16 B	R19	47,000	45	46	18 F	L10	6	34	15	6 G	
C6	Trimmer	10	5	4 F	C33	16 μ f.	52	42	16 B	R20	140	48	5	19 F	L11	6	18	36	9 E	
C7	0.05 μ f.	12	5	22 F	C34	0.04 μ f.	52	54	16 G	R21	20	42	5	19 E	L12	6	37	38	8 D	
C9	200 pf.	13	20	23 F						R22	47	53	54	17 F	L13	900	52	18	L.S.F.	
C10	100 pf.	14	29	22 F						R24	84.5	56	55	12 G						
C11	5-35 pf.	27	5	2 B	R1	1 M Ω	11	15	24 F	R25	84.5	55	54	12 G						
C13	700 pf.	27	30	23 A	R2	15,000	1w.	18	14	23 F	R26	405	54	64	12 G	T1 Prim.	270	18	49	12 E
C15	Trimmer	32	5	4 D	R3	22,000		13	12	22 G	R27	15	1w.	42	66	Sec.	*	50	6	
C17	0.05 μ f.	17	5	22 F	R4	300		12	5	22 F					L.S.					
C18	139 pf.	16	17	5 H	R6	47		23	5	25 A					Sp. coil	4	50	6		
C19	150 pf.	34	15	6 G	R7	470		25	5	24 C	L1	*	3	6						
C22	139 pf.	36	18	8 E	R8	5,100	1w.	18	17	21 F	L2	*	8	5						
C23	150 pf.	37	38	9 D	R9	2.2 M Ω		38	15	21 F	L3	*	4	6						
C24	200 pf.	38	5	20 F	R10	470,000		38	5	20 F	L4	*	9	5						

All values marked "*" less than 1 ohm.

B89		TABLE OF VOLTAGES			B89	
Valves	Type	Electrode	Test Point	Square	Voltage	
V1	Mazda TP25	Pentode Anode Pentode Screen Triode Anode	18 17 19	21 Q 21 Q 21 P	120 55 40 L.W. 40 M.W. (B89) 90 S.W. (B89S)	
V2	Mazda VP23	Anode Screen	42 17	17 R 17 R	120 5	
V3	Mazda HL23DD	Anode	53	15 Q	54	
V4	Mazda Pen25	Anode Screen	58 37	14 O 13 O	115 120	
The above readings are taken with a meter having a resistance of 1,000 ohms per volt, on the 500 volt range.						

B91		TABLE OF VOLTAGES			B91	
Valves	Type	Electrode	Test Point	Voltage		
V1	Mazda VP23	Anode Screen	24 6	65 42		
V2	Mazda TP25	Pentode Anode Pentode Screen Triode Anode	64 63 104	120 60 85		
V3	Mazda VP23	Anode Screen	114 63	120 60		
V4	Mazda HL23DD	Anode	128	65		
V5	Mazda QP25	Anode 1 Anode 2 Screen	133 134 29	115 115 120		
All the readings are taken from the chassis, with the set switched to the 49 metre band, using a 0-500, 0-50 volt meter 1,000 ohms per volt and a 120 volt High Tension Battery.						

B93		TABLE OF VOLTAGES			B93	
Valves	Type	Electrode	Test Point	Square	Voltage	
V1	Mazda VP23	Anode Screen	11 10	21 M 21 M	113 55	
V2	Mazda TP25	Pentode Anode Pentode Screen Triode Anode	19 10 28	21 K 21 J 21 K	113 55 50	
V3	Mazda VP23	Anode Screen	40 10	15 L 15 L	113 55	
V4	Mazda HL23DD	Anode	52	15 J	50	
V5	Mazda QP25	Anode 1 Anode 2 Screen	61 62 14	14 N 15 M 14 N	112 112 113	
The above readings were taken to chassis with no signal input, and with an H.T. battery reading 120 volts on load, using a 1,000 ohms per volt meter on 0-500 volt range.						

A92		TABLE OF VOLTAGES			A92
Valve	Type	Electrode	Test Point	Square	Voltage
V1	Mazda SP41	Anode	24	28 D	250
		Screen	23	28 D	190
		Cathode	27	28 D	2.5
V2	Mazda TH41	Hexode Anode	73	28 G	240
		Hexode Screen	72	28 G	100
		Triode Anode	80	28 G	100
		Cathode	74	28 G	4
V3	Mazda VP41	Anode	127	24 H	200
		Screen	124	24 H	200
		Cathode	128	24 J	4
V4	Mazda HL41DD	Anode	142	21 H	100
		Cathode	134	21 J	1.5
V5	Mazda PEN45	Anode	147	18 H	240
		Screen	29	18 H	250
		Cathode	152	18 J	8
V6	Mazda UU6	Cathode	157	2 E	360
All readings are taken from chassis using a 0-500, 0-50 volt meter, 1,000 ohms per volt.					

AD94		TABLE OF VOLTAGES			AD94
Valve	Type	Electrode	Test Point	Square	Voltage
V1	Mazda TH233	Hexode Anode	73	28 G	240
		Hexode Screen	72	28 G	100
		Triode Anode	80	28 G	100
		Cathode	74	28 G	4
V2	Mazda VP133	Anode	127	24 H	200
		Screen	124	24 H	200
		Cathode	128	24 J	4
V3	Mazda HL133DD	Anode	142	21 H	100
		Cathode	134	21 J	1.5
V4	Mazda PEN383	Anode	147	18 H	240
		Screen	29	18 H	250
		Cathode	152	18 J	8
V5	Mazda U403	Cathode	157	2 E	360
All readings are taken from chassis using a 0-500, 0-50 volt meter, 1,000 ohms per volt.					

A90		TABLE OF VOLTAGES			A90	
Valve	Type	Electrode	Test Point	Square	Voltage	
V1	Mazda TH41	Hexode Anode	20	23 L	116	
		Hexode Screen	19	23 L	116	
		Triode Anode	22	23 L	65	
		Cathode	23	23 L	4	
V2	Mazda VP41	Anode	54	19 N	197	
		Screen	38	19 N	198	
		Cathode	57	19 N	4	
V3	Mazda HL41DD	Triode Anode	72	15 N	85	
		Cathode	64	15 N	1.3	
V4	Mazda PEN45	Anode	77	14 N	188	
		Screen	38	14 N	198	
		Cathode	78	14 N	7	
V5	Mazda UU6	Cathode	92	3 F	360	
All Voltages are taken on A.C. Mains at 240 volts, using a 0-500, 0-50 volt meter, 1,000 ohms per volt. All readings are taken from Chassis.						

D90		TABLE OF VOLTAGES			D90	
Valve	Type	Electrode	Test Point	Square	Voltage	
V1	Mazda TH233	Hexode Anode	20	23 L	120	
		Hexode Screen	19	23 L	120	
		Triode Anode	22	23 L	72	
		Cathode	23	23 L	4	
V2	Mazda VPI33	Anode	54	19 N	185	
		Screen	38	19 N	160	
		Cathode	57	19 N	3.75	
V3	Mazda HLI33DD	Anode	72	15 N	72	
		Cathode	64	15 N	1.4	
V4	Mazda PEN383	Anode	77	14 N	172	
		Screen	38	14 N	160	
		Cathode	78	14 N	9	
V5	Mazda U403	Cathode	92	3 F	255	
All Voltages are taken on A.C. Mains at 240 volts, using a 0-500, 0-50 volt meter, 1,000 ohms per volt. All readings are taken from Chassis.						