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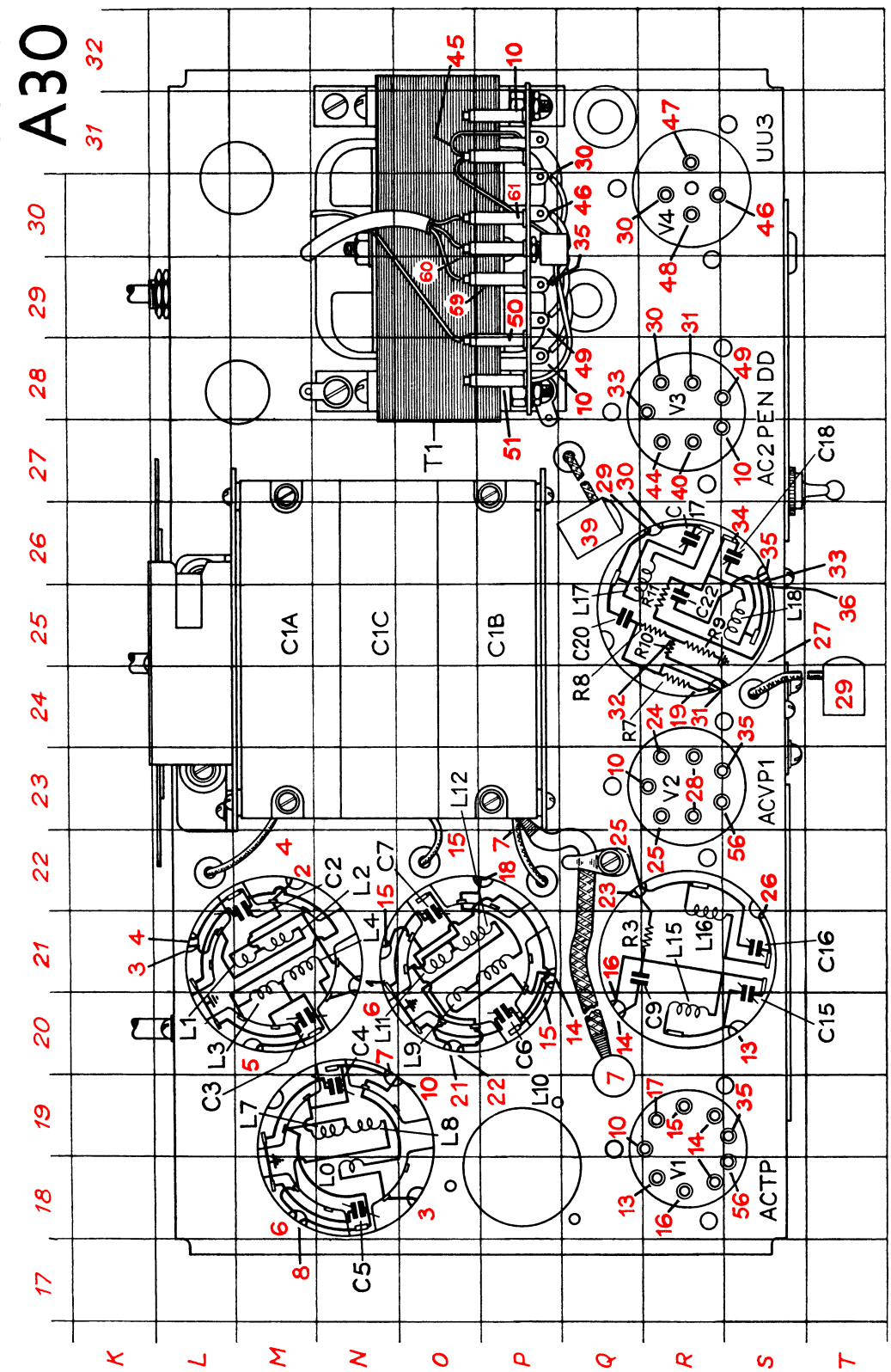
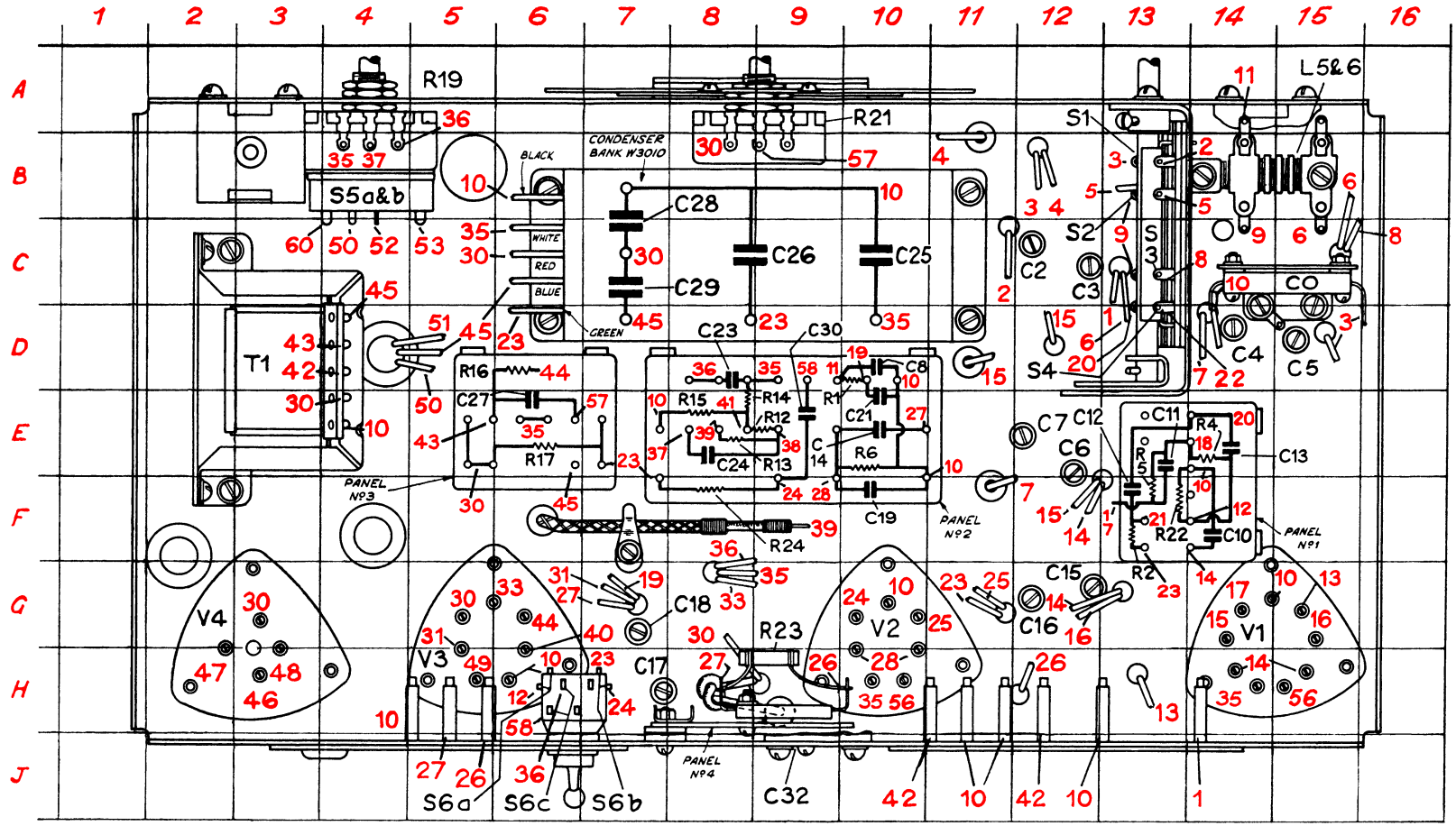
TOP VIEW OF CHASSIS

SHEET 2

A30



UNDERSIDE VIEW OF CHASSIS



A30 and A30C. The following components are omitted in these models. 1. R22 : 2. R24 : 3. R33 : 4. C30 : 5. C32 : 6. Pickup and pickup sockets : 7. S6A, B and C.

Points 10 to 12 are short circuited on No. 1 panel. Points 23 to 24 are short circuited by wiring direct from V2 screen to 23 on No. 3 panel. Points 26 to 27 are short circuited by wiring. Wire 26 from 1st I.F. direct to point 27 on No. 2 panel.

The layout of the panels in chassis prior to the numbers given below will be different to the layout shown above, but as the circuit arrangement is unaltered it is felt that diagrams of the earlier type panels are unnecessary.

A30 1200 : A30C 8413 : A30RG 3715

In Receivers above A30 24589 A30C 15540 A30RG 4522. C25 is deleted from the condenser bank W3010 and replaced by a tubular condenser wired between Tag 35 (6E) on No. 3 panel and Tag 10 (7E) on No. 2 panel

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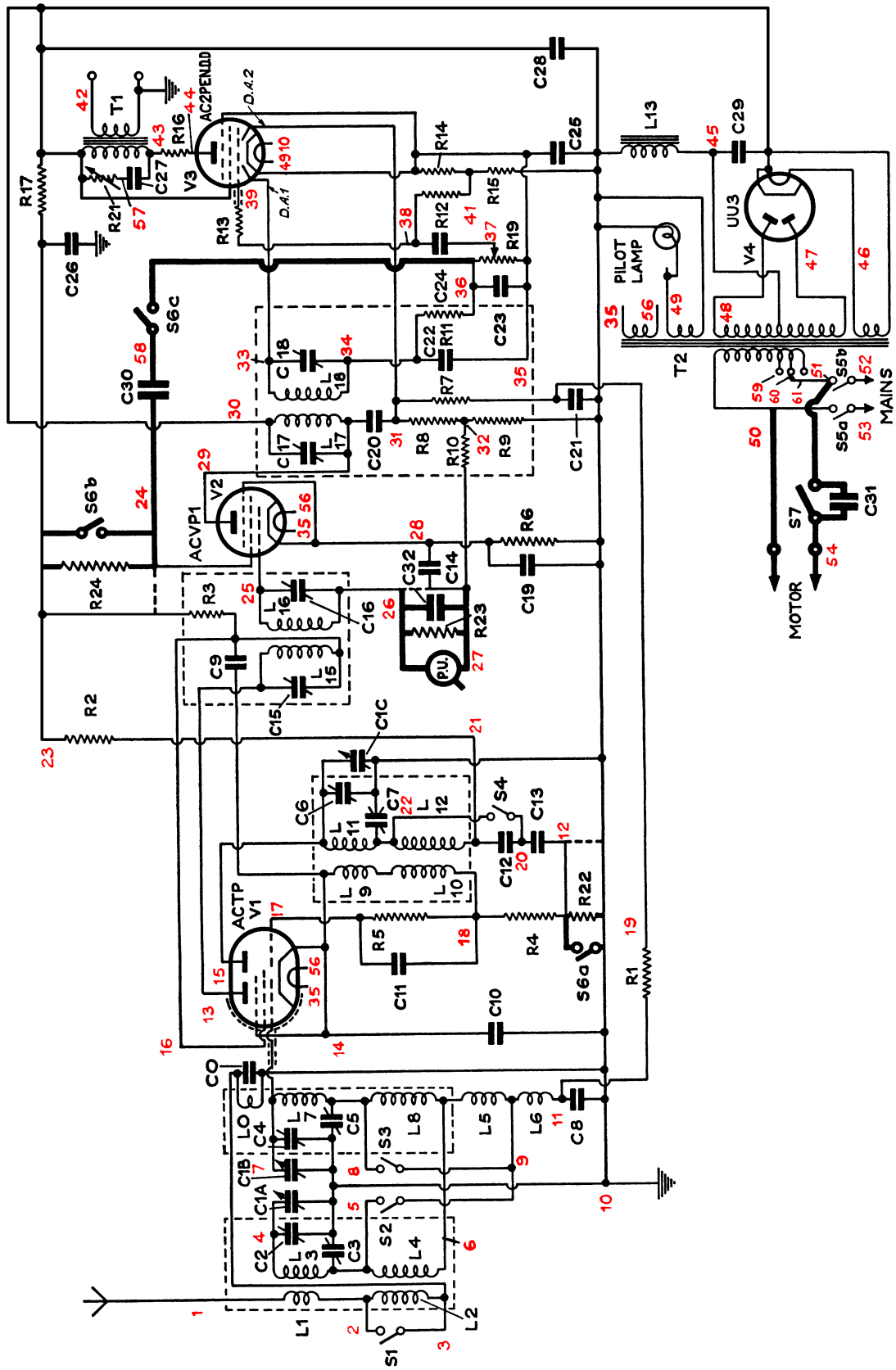
CIRCUIT DIAGRAM



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COMPONENT	VALUE	LOCATION	TEST Fm.	TEST To
L0	0.1	18 N	3	10
L1	1.2	21 M	1	2
L2	10	21 M	2	3
L3	4.5	20-21 M	4	5
L4	12	21 M	5	6
L5	3	15 B	6	9
L6	0.2	14 B	9	11
L7	4.5	19 N	7	8
L8	12	19 N	6	8
L9 } L10 }	3	21 P	14	18
L11	4	21 O	15	22
L12	9	21 O	21	22
L13	2250	L.S. Field	10	45
L15	40	20 R	13	16
L16	40	21 R	25	26
L17	40	25-26 R	29	30
L18	40	25 S	33	34
C0	0.0095	14-15 C	3	10
C1A	0.0005	24-25 M	4	10
C1B	0.0005 VAR	24-25 P	7	10
C1C	0.0004	24-25 N	10	15
C2	10/50 μμf.	12 C	4	10
C3	10/80 μμf.	12 C	5	10
C4	10/50 μμf.	14 D	7	10
C5	10/80 μμf.	15 D	8	10
C6	10/50 μμf.	12 F	10	15
C7	10/80 μμf.	12 E	10	22
C8	0.1	10 D	10	11
C9	0.01	21 QR	14	16
C10	0.00035	14 F	10	14
C11	0.0005	13 E	17	18
C12	0.001	13 F	20	21
C13	0.1	14 E	12	20
C14	0.2	10 E	27	28
C15	70/140 μμf.	12 G	13	16
C16	70/140 μμf.	12 G	25	26
C17	70/140 μμf.	7 H	29	30
C18	70/140 μμf.	7 G	33	34
C19	0.1	10 F	10	28
C20	0.00005	25 Q	29	31
C21	0.01	10 E	10	19
C22	0.0001	25 R	34	35
C23	0.0002	8 D	35	36
C24	0.005	8 E	37	38
C25	25	10 C	10	35
C26	8	8 C	10	23
C27	0.025	6 E	43	57
C28	8	7 C	10	30
C29	8	7 C	30	45
C30	0.05	9 E	24	58
C31	0.2	Motor Brd.	54	51
C32	0.001	10 H	26	27
R1	5000	10 D	11	19
R2	100,000	13 F	21	23
R3	5,000	21 R	16	23
R4	500	14 E	12	18
R5	50,000	13 F	17	18
R6	300	10 E	10	28

COMPONENT	VALUE	LOCATION	TEST Fm.	TEST To
R7	2 megohm	24 R	19	31
R8	800,000	25 R	31	32
R9	600,000	25 R	10	32
R10	1 megohm	25 R	27	32
R11	100,000	25 R	34	36
R12	1 megohm	9 E	38	41
R13	50,000	8 E	38	39
R14	140	8 E	35	41
R15	320	8 E	10	41
R16	100	6 D	43	44
R17	3,000	6 E	23	30
R19	500,000	4 B	35	36
R21	50,000	8-9 B	30	57
R22	20,000	13 F	10	12
R23	100,000	9 H	26	27
R24	50,000	8 F	23	24
* L.S. Speech Coil 2 Ω		L.S.	42	10
T1 Prim.	300 }	2-3 D	30	43
*Sec.	.2 }		42	10
*Pickup	4,500			
T2 200v 50 Cyc.				
Prim. 200-214v 24Ω }		29-30O	50	59
215-232v 26 Ω }			50	60
233-250v 29 Ω }			50	61
H.T. Sec. 255-255 Ω			47-45-48	
T2 100v 50 Cyc.				
Prim. 100-108 5.5 Ω }		29-30O	50	59
109-120 6 Ω }			50	60
H.T. Sec. 255-255 Ω			47-45-48	
T2 200v 25 Cyc.				
Prim. 200-215v 36 Ω			50	59
215-232v 39 Ω }		29-30O	50	60
233-250v 43 Ω }			50	61
H.T. Sec. 398-398 Ω			47-45-48	

NOTE: Condensers should be disconnected from other components when checking capacity; switches should be open for measuring inductances.

The location of the trimming condensers indicates the position of the trimmer adjusting screws.

* Disconnect before testing, and test directly across components.

All resistances are given in ohms and all condensers in microfarads except where otherwise stated.

D.C. resistance of coils is given in ohms.

The heavily printed components apply to the Radio-gramophone only. The dotted lines should be ignored for the Radio-gramophone and treated as full lines for the Table and Console models.