

SERVICE MANUAL

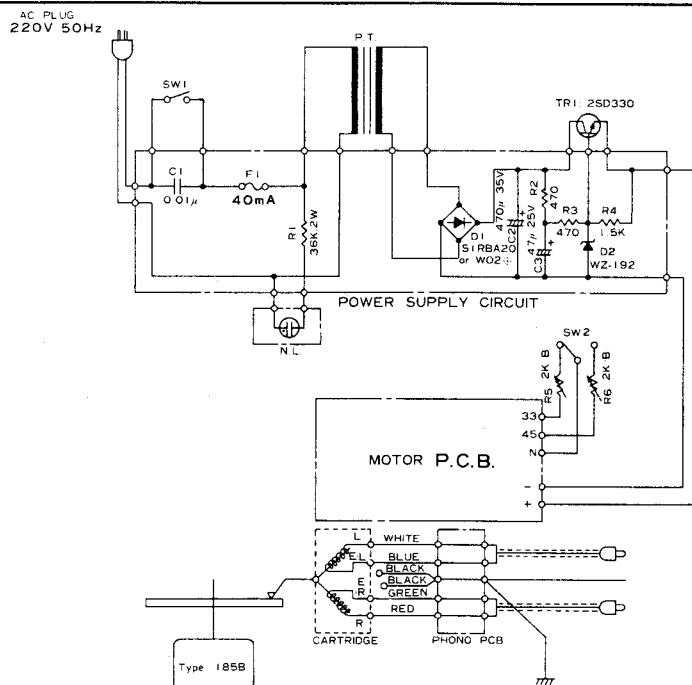
**PARTS LIST
EXPLODED VIEW
DIAGRAMS**

CEC 8002A

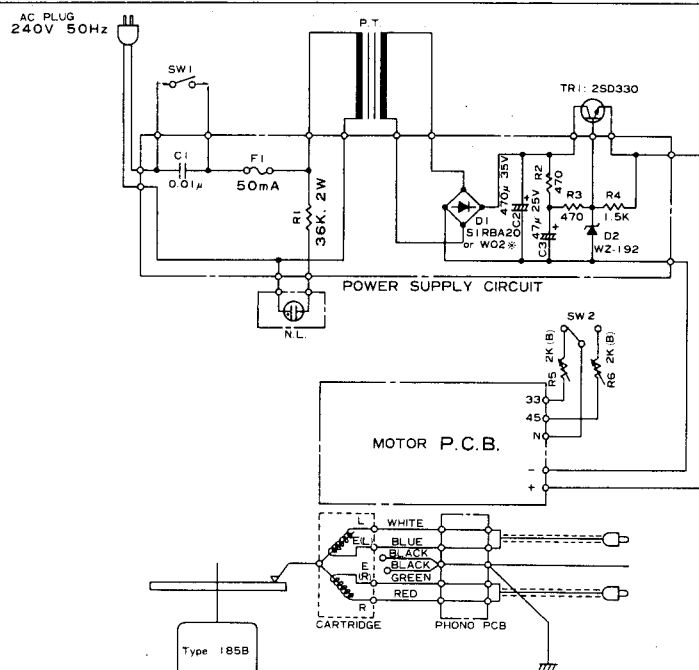
Direct Drive Semi-Automatic Turntable

CIRCUIT DIAGRAM

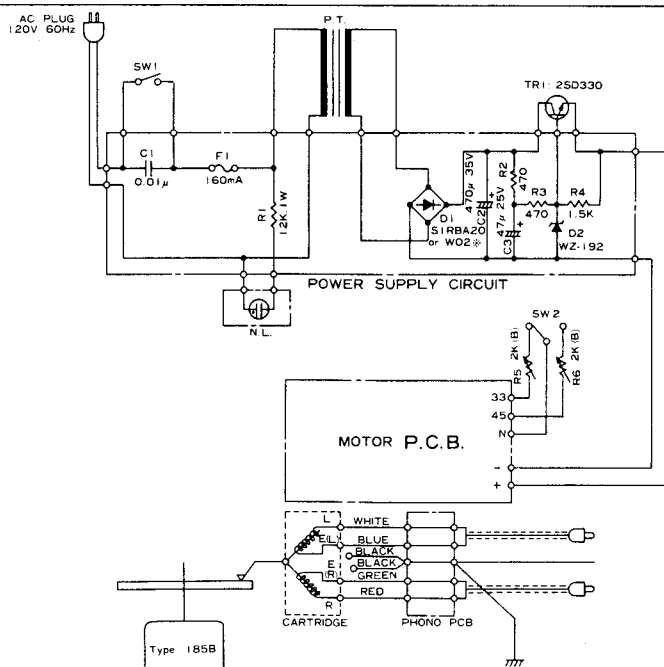
Type E-0



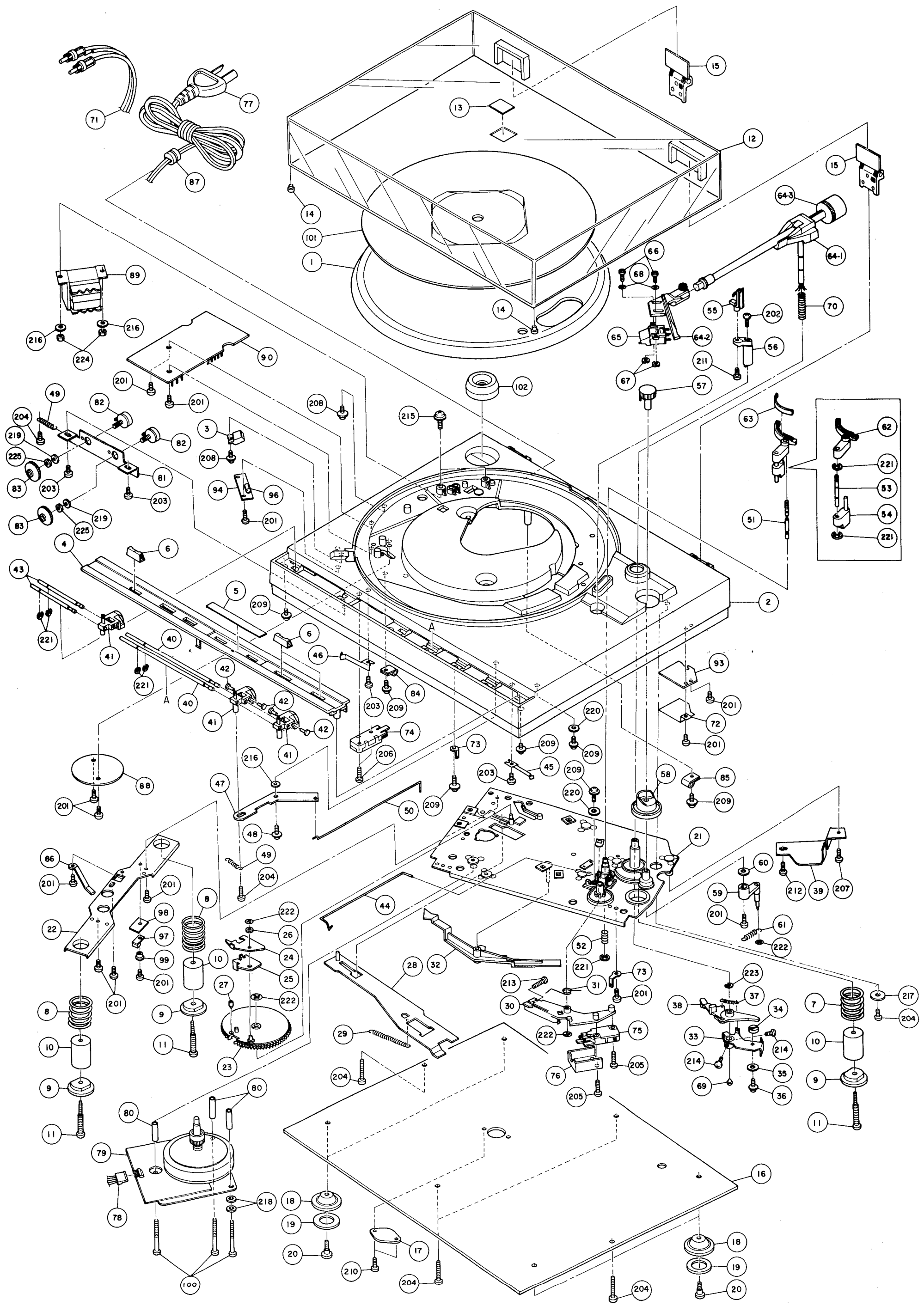
Type E-2



Type E-3-3



EXPLODED VIEW



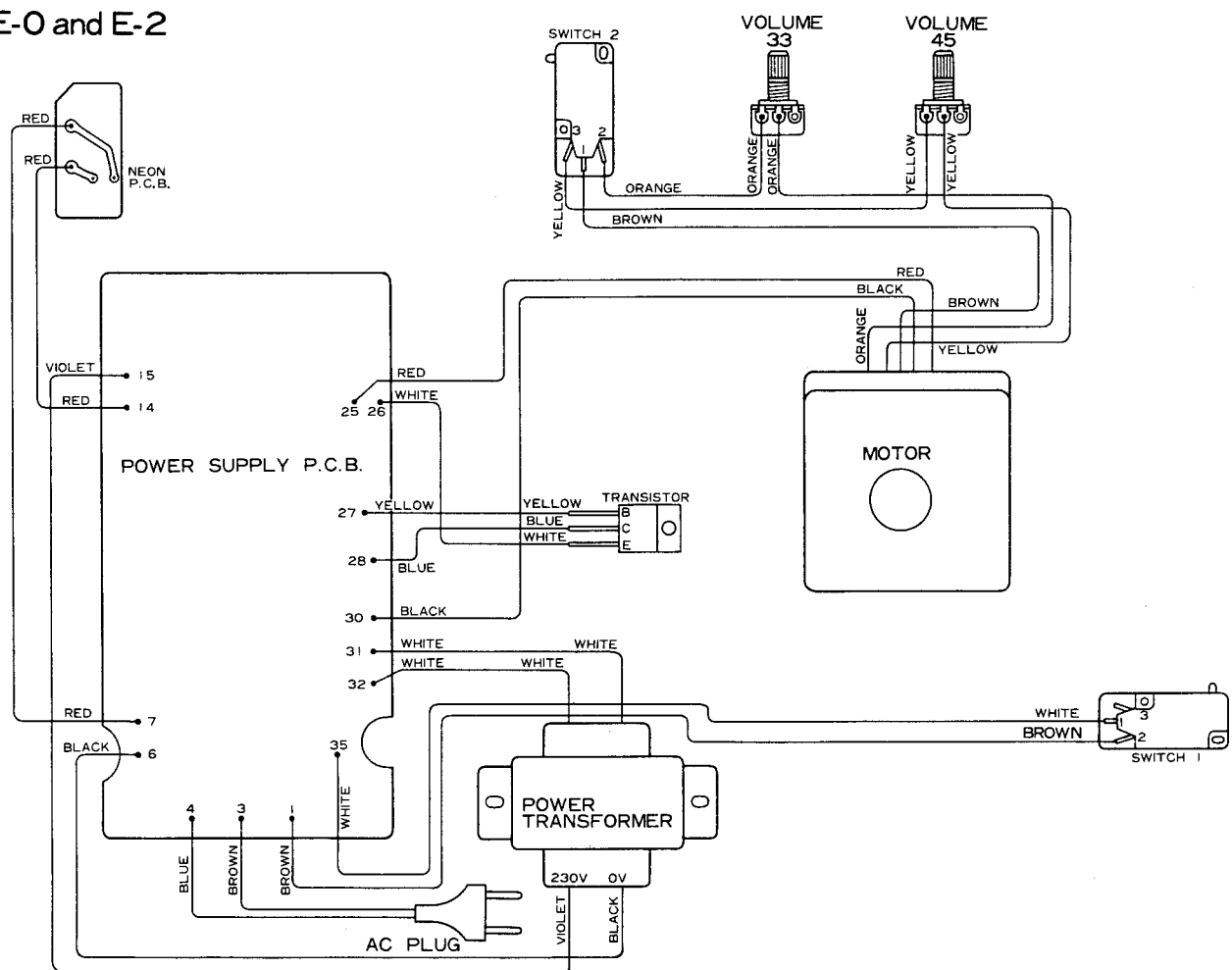
PARTS LIST

Type	Destination	Voltage/Frequency
E-0	Europe	220V 50Hz
E-2	Australia	240V 50Hz
E-3-3	Canada	120V 60Hz

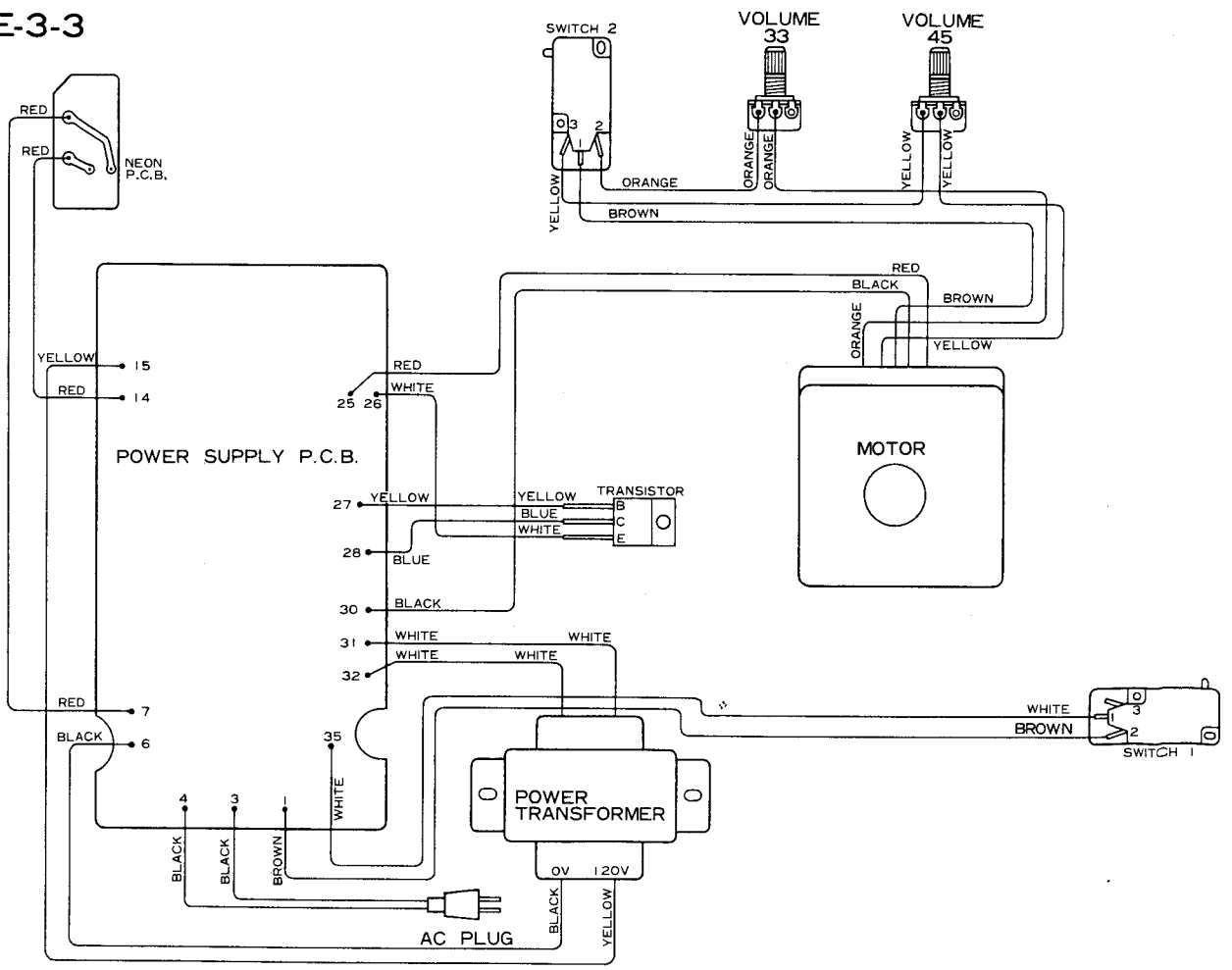
Ref. No.	Parts No.	Description	Type No.	Ref. No.	Parts No.	Description	Type No.
1	D 2045101	Turntable platter	E-0, E-2	84	131 2360812405	Cord stopper 2N	E-0, E-2 E-3-3
2	D 1004804	Cabinet		85	131 2360812404	Nylon clamp 3N	
3	D 4796701	Strobe filter		86	131 0301610400	Clamp wire Assy.	
4	D 2089901	Control plate		87	D 4442100	Strain relief	
5	K 4777600	Plate		87	131 2611121300	Bushing 4P-4	
6	D 4775900	Knob		88	A 4351701	Blind	
7	E 4799600	Float spring		89	F 3128902	Power transformer	
8	134 2510214000	Float spring		89	F 3147300	Power transformer	
9	134 2210611300	Holder		90	C 3150600	Power PCB Assy.	
10	134 2520512900	Cushion		90	C 3144900	Power PCB Assy.	
11	131 2420121800	Screw	E-0, E-2	91	F 3140300	Power PCB	E-0, E-2 E-3-3
12	D 2090800	Dust cover		R1	R3D XBJ363A	OMF resistor 36 Kohm 2W	
13	K 4799800	Dust cover logo		R1	R3A XBJ123A	OMF resistor 12 Kohm 1W	
14	D 4420600	Dust cover cushion		R2	R2E DPJ471A	Carbon resistor 470 ohm 1/4W	
15	K 4787000	Hinge		R3	R2E DPJ471A	Carbon resistor 470 ohm 1/4W	
16	H 3148600	Bottom base		R4	R2E DPJ152A	Carbon resistor 1.5 Kohm 1/4W	
17	H 4433600	Blind		D1	DGG W02	Bridge diode	
18	D 4783700	Insulator		D2	DJJ WZ192	Zener diode	
19	H 4783800	Felt		C1	F 4807800	Condenser	
20	R 4797400	Screw		C1	F 4795000	Condenser	
21	D 2094800	Subchassis	E-0, E-2 E-3-3	C2	C1VRE-477A	Electrolytic condenser 470µF 35V	E-0 E-2 E-3-3
22	A 3138100	Spring mounting plate		C3	C1ERE-476A	Electrolytic condenser 47µF 25V	
23	134 2411011100	Drive gear		92	F 3061817	Fuse	
24	134 2412212000	Ratchet		92	4234200060	Fuse	
25	134 2412211800	Ratchet		92	4234921370	Fuse	
26	134 2410700400	Ratchet collar		93	F 4780600	Shield PCB	
27	134 2410918300	Pin		94	131 0400102950	Neon lamp PCB Assy.	
28	C 3154100	Return plate Assy.		95	4226204360	Neon lamp PCB	
29	134 2510129500	Spring		96	4612920795	Neon lamp	
30	134 2410821000	Plate		97	203 5857033040	Diode	
31	E 4825200	Spring	E-0, E-2 E-3-3	203	5857033050	Diode	E-0 E-2 E-3-3
32	D 4695900	Return arm		98	F 4457500	Insulation sheet	
33	C 4818500	Tonearm fixing plate Assy.		99	D 4639600	Bushing	
34	B 4799400	Cam		100	D 2093800	Tapping screw 4 x 35	
35	131 2420317500	Wave washer		101	D 4310000	Turntable platter mat	
36	R 4824700	SEMS screw		102		45 rpm adapter	
37	134 2510120500	Spring					
38	134 2412018300	Lever					
39	A 4818400	Tonearm thrust mounting					
40	B 4805700	Slide guide					
41	D 3135000	Slide lever	E-0, E-2				E-0 E-2 E-3-3
42	D 4798700	Cushion					
43	B 4777900	Slide guide B					
44	E 4778000	Link (L)					
45	E 4798600	Spring					
46	E 4784300	Spring					
47	A 4807400	Lever					
48	R 4783500	Screw					
49	E 4792500	Spring					
50	E 4818900	Reject spring					
51	B 4772100	Lift bar	E-0, E-2				E-0 E-2 E-3-3
52	134 2510124700	Spring					
53	B 4772200	Adjusting screw					
54	D 4772000	Actuator					
55	C 4534400	Tonearm rest Assy.					
56	D 4771800	Rest arm					
57	D 4805200	Antiskating knob					
58	D 4774300	Point					
59	D 4772300	Antiskating lever					
60	A 4774400	Washer					
61	E 4788700	Antiskating spring	E-0 E-2 E-3-3				E-0 E-2 E-3-3
62	D 3133800	Tonearm support					
63	D 4402701	Tonearm support rubber					
64	F 3154500	Tonearm Assy.					
64-1		Tonearm					
64-2	C 4728200	Headshell					
64-3	C 4733100	Counterweight					
65	F 4782900	Cartridge					
66	B 4321202	Cartridge mounting screw					
67	B 4321300	Cartridge mounting nut					
68	D 4321400	Cartridge mounting washer	E-0 E-2 E-3-3				E-0 E-2 E-3-3
69	134 2411710600	Bearing					
70	E 4819100	Spacer					
71	F 3132402	Output shielded cord					
72	A 4780500	Shield cover					
73	4237921520	Terminal lug					
74	4231921995	Microswitch					
75	4231921994	Microswitch					
76	131 2140110300	Cover					
77	4243200071	AC power supply cord					
77	F 4771001	AC power supply cord	E-0 E-2 E-3-3				E-0 E-2 E-3-3
77	F 4756200	AC power supply cord					
78	F 4821900	Cord Assy.					
79	C 2093401	Motor Assy.					
80	B 4712107	Spacer					
81	A 4770600	Variable resistor mounting plate					
82	F 3147700	Variable resistor					
83	D 4342901	Pitch control knob					

WIRING DIAGRAM

Type E-0 and E-2



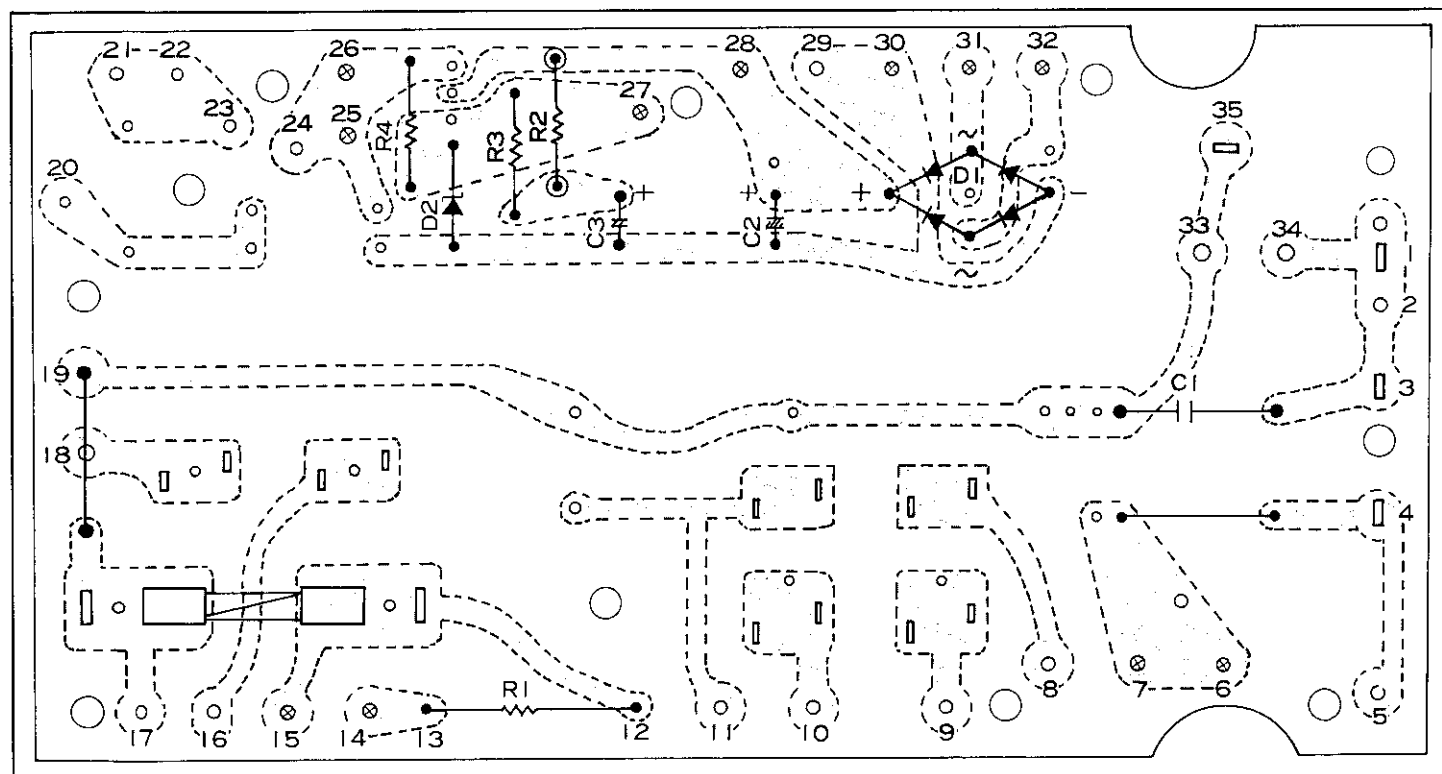
Type E-3-3



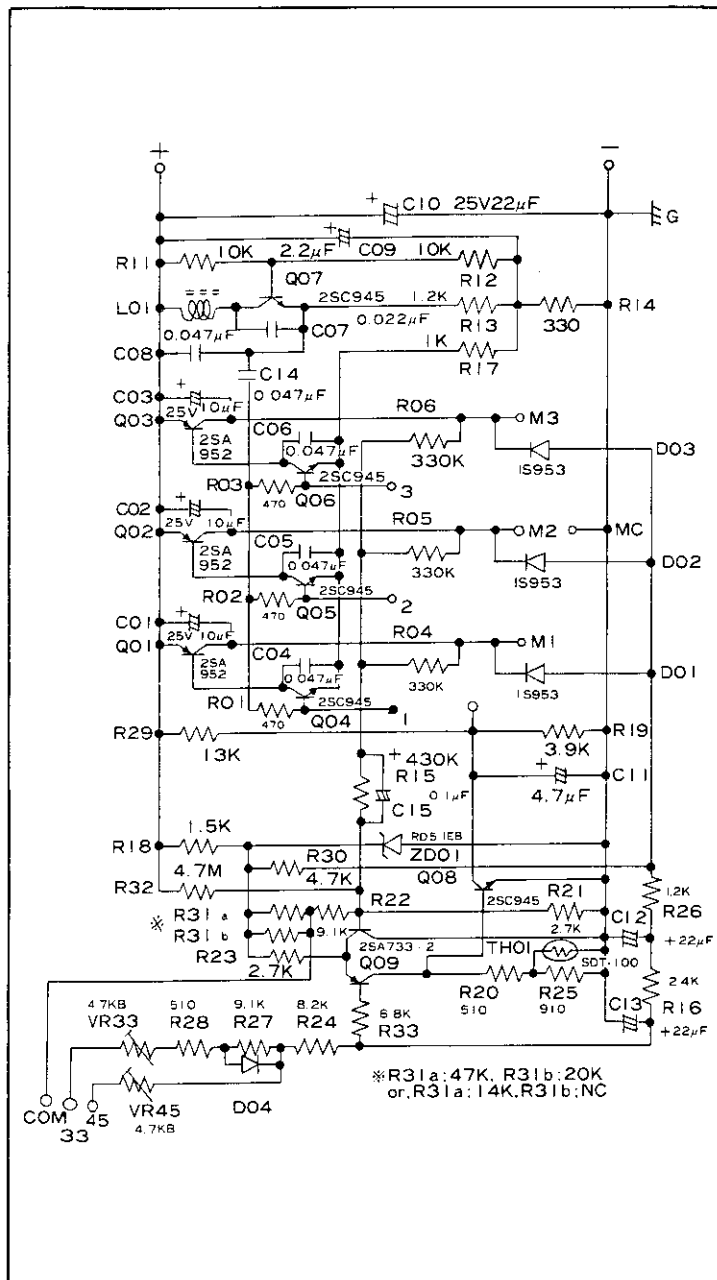
SCREWS, WASHERS AND NUTS

Ref. No.	Description	Ref. No.	Description
201	⊕ Brazier head taptite screw B $\phi 3 \times 8$	217	Plain washer $3\phi \times 16\phi \times 1t$
202	⊕ Brazier head taptite screw B (Bronze) $\phi 3 \times 8$	218	Plain washer $4\phi \times 10\phi \times 1.6t$
203	⊕ Brazier head taptite screw B $\phi 3 \times 10$	219	Plain washer $7\phi \times 12\phi \times 0.5t$
204	⊕ Brazier head taptite screw B $\phi 3 \times 12$	220	Nylon washer $3\phi \times 12\phi \times 1t$
205	⊕ Brazier head taptite screw B $\phi 3 \times 16$	221	E type washer 2ϕ
206	⊕ Brazier head taptite screw B $\phi 3 \times 20$	222	Stop ring CSTW-3
207	⊕ Brazier head taptite screw B $\phi 3 \times 25$	223	Stop ring CSTW-5
208	⊕ Brazier head taptite screw B with plain washer $\phi 3 \times 8$	224	Hexagon nut M3
209	⊕ Brazier head taptite screw B with plain washer $\phi 3 \times 10$	225	Hexagon nut M7
210	⊕ Brazier head tapping screw (class 1) $\phi 3 \times 6$		
211	⊕ Pan head taptite screw B (Bronze) $\phi 2.6 \times 6$		
212	⊕ Pan head taptite screw B $\phi 3 \times 35$		
213	⊕ Pan head taptite screw C $\phi 3 \times 14$		
214	⊕ Pan head screw M3x6		
215	⊕ Pan head Sems screw with plain washer M3x20		
216	Plain washer $3\phi \times 10\phi \times 1t$		

POWER SUPPLY PRINTED CIRCUIT BOARD



SERVO CONTROLLER CIRCUIT DIAGRAM



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