

SERVICE MANUAL

**PARTS LIST
EXPLODED VIEW
DIAGRAMS**

— **MODEL** —
ST510, ST520



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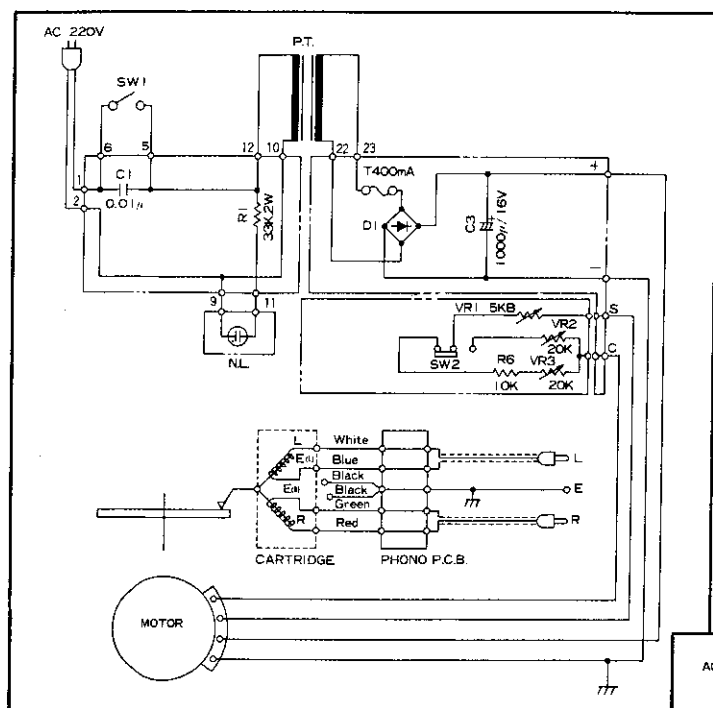
ST510 1~6

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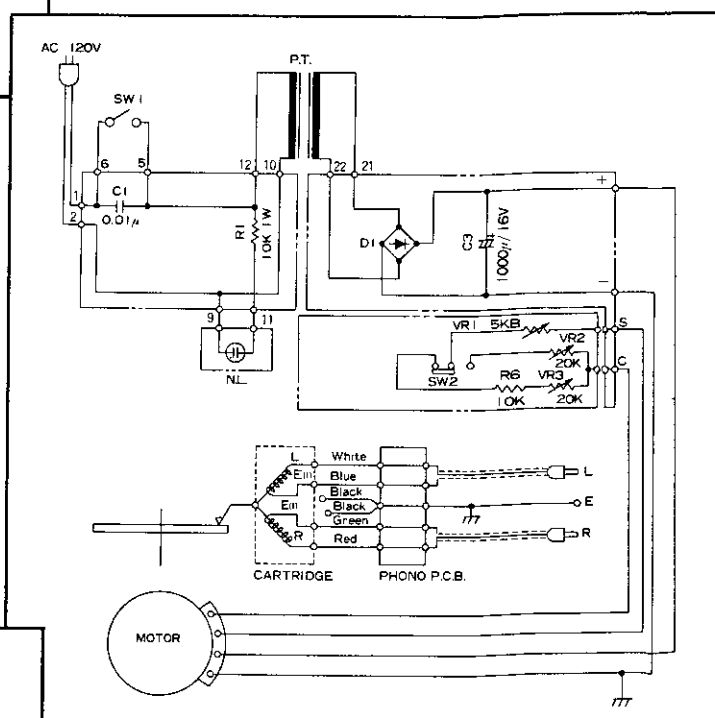
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Version	Destination
EUR	Europe (220V 50HZ)
CND	Canada (120V 60HZ)
AUS	Australia (240V 50HZ)

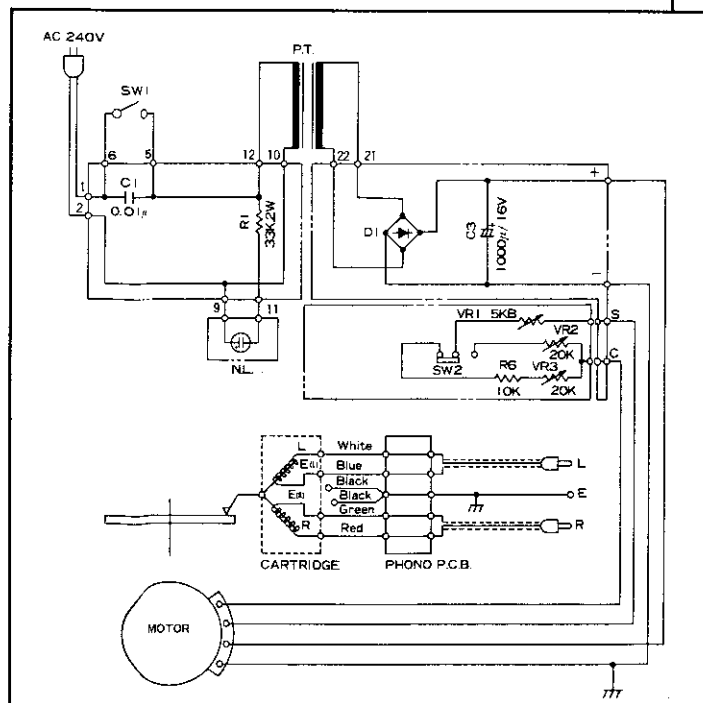


Version EUR



Version CND

Version AUS



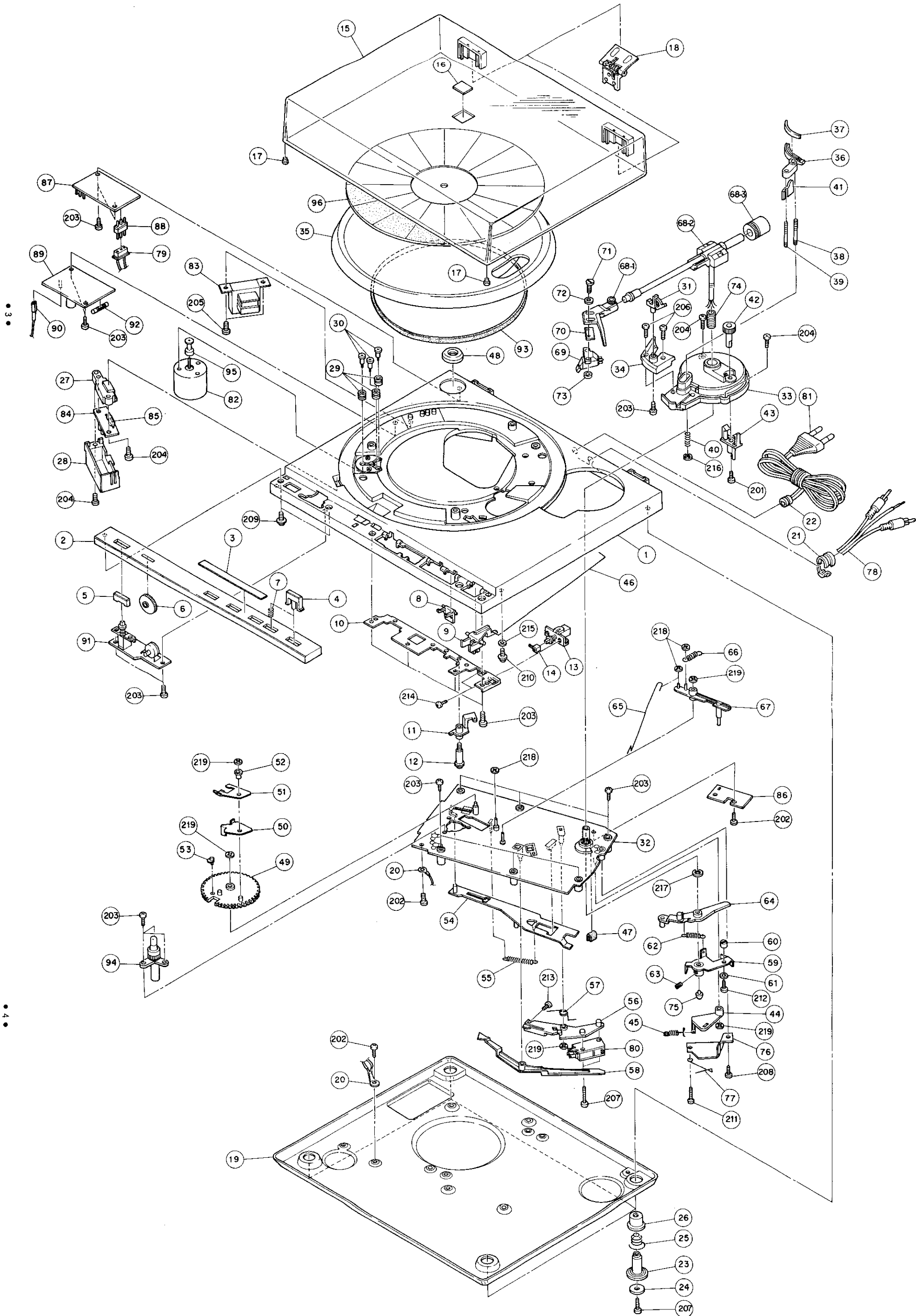
Ref. No.	Parts No.	Description	Version
1	D 1005401	Cabinet	EUR, CND AUS
2	D 2098604	Panel front	
2	D 2098603	Panel front	
3	K 4861600	Plate decorate	EUR, CND AUS
4	D 4851300	Knob	
5	D 4851400	Knob	
6	D 4849801	Knob	EUR, AUS EUR, AUS EUR, AUS
7	E 4856000	Spring	
8	D 4852100	Hinge	
9	D 3175300	Hinge	EUR, CND AUS
10	A 3173500	Angle mount	
11	D 4853700	Arm	
12	134 2410627000	Shaft	EUR, AUS CND
13	4231202400	SW push 1 key (O)	
14	134 2410920000	Pin	
15	D 2098300	Lid	EUR, CND AUS
16	K 4799800	Name plate	
16	K 4831400	Name plate	
17	131 2290413400	Pad lid	EUR, AUS CND
18	K 4786900	Hinge	
19	A 2098701	Plate bottom	
20	4237921520	Terminal lug	EUR, AUS CND
21	131 2611114800	Bushing	
22	D 4442100	Bushing	
22	131 2611121300	Bushing	EUR, AUS CND
23	131 2180115000	Leg	
24	131 2520323600	Felt	
25	131 2510214900	Spring mounting	EUR, AUS CND
26	134 2520514400	Cushion	
27	D 3172600	Filter	
28	D 3172700	Cover	EUR, AUS CND
29	134 2520211800	Rubber cushion	
30	134 2420113600	Screw	
31	C 4850600	Arm rest assy.	EUR, AUS CND
32	D 2099901	Unit plate	
33	D 2098800	Base pick up	
34	D 3175200	Arm rest	EUR, AUS CND
35	D 2045103	Turntable platter	
36	D 3133800	Support arm	
37	134 2520513600	Cushion	EUR, AUS CND
38	B 4861500	Spindle lifting	
39	B 4852900	Screw	
40	E 4860900	Spring	EUR, AUS CND
41	D 4853800	Actuator	
42	D 4853500	Knob	
43	134 2210612400	Holder	EUR, AUS CND
44	134 2412320800	Arm	
45	E 4851600	Spring	
46	E 4854000	Rod	EUR, AUS CND
47	134 2520512000	Cushion	
48	D 4310000	45 rpm adapter	
49	134 2411011100	Gear cycling	EUR, AUS CND
50	134 2412211800	Trip	
51	D 4841700	Trip	
52	134 2410700400	Collar	EUR, AUS CND
53	D 4843400	Pin	
54	134 0603511700	Return plate assy.	
55	134 2510129500	Spring	EUR, AUS CND
56	134 2410821000	Plate	
57	E 4825200	Spring	
58	134 2412321100	Arm	EUR, AUS CND
59	C 4862000	Plate PU fix assy.	
60	134 2412412200	Cam	
61	131 2420317501	Wave washer	EUR, AUS CND
62	134 2510120500	Spring	
63	131 2420115102	Screw	

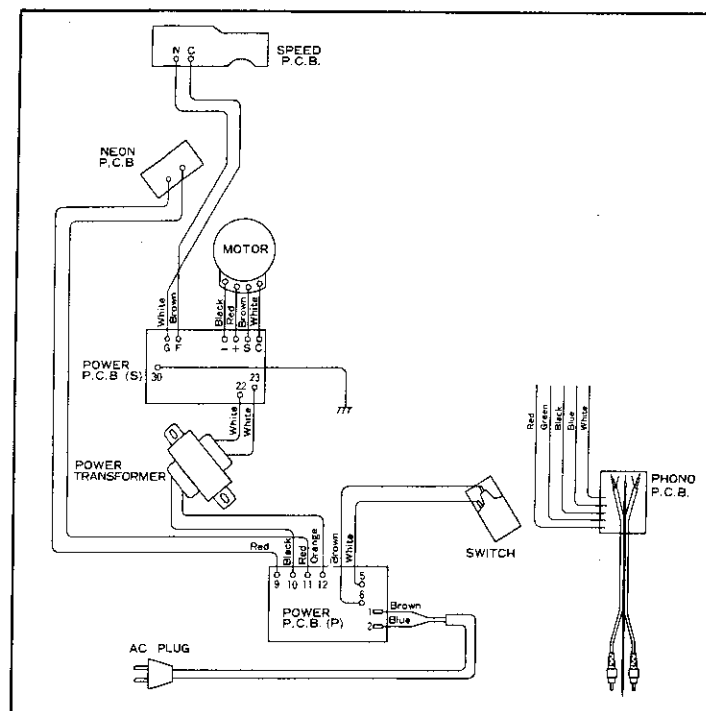
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64	134 2412018300	Lever	EUR, AUS EUR, AUS EUR, AUS
65	E 4860800	Rod	
66	134 2510134000	Spring	
67	D 4860700	Lever	EUR, AUS CND
68	C 3176801	Tonearm assy.	
68-1	C 4847001	Headshell assy.	
68-2	C 2099601	Arm assy.	EUR, AUS CND
68-3	C 4856400	Weight assy.	
69	F 4849000	Cartridge	
70	A 4849100	Head spacer	EUR, AUS CND
71		Screw (-) 2.6 x 10	
72		Washer	
73		Nut	EUR, AUS CND
74	E 4819102	Spacer	
75	134 2411710600	Support shaft	
76	A 4818400	Angle mount	EUR, AUS CND
77	F 4846800	Link	
78	F 3132403	Wire shield assy.	
78	131 0400414402	Wire shield assy.	EUR, AUS CND
79	C 4859900	Cord assy.	
79	C 4860000	Cord assy.	
80	4231921995	SW Micro	EUR, AUS CND
81	4243200071	Power cord	
81	F 4771001	Power cord	
81	4243920390	Power cord	EUR, AUS CND
82	F 3176300	Motor	
83	F 3171602	Power trans.	
83	F 3171702	Power trans.	EUR, AUS CND
83	F 3171802	Power trans.	
84	4226204360	Printed circuit BD	
85	4612202700	Neon lamp	EUR, AUS CND
85	4612202795	Neon lamp	
86	4226207950	PCB	
87	F 3170301	PCB	EUR, AUS CND
R1	R3D XBJ333A	OMF 33KΩ 2W	
R1	R3A XBJ103A	OMF 10KΩ 1W	
C1	C2E FRM103C	MYLAR 0.01μF 250V	EUR, AUS CND
C1	F 4795000	Condenser	
88	4236200640	Plug 3P	
89	F 3170302	PCB	EUR, AUS CND
C3	C1C RE108A	ELECT 1000μ 16V	
D1	DGGW02	Diode bridge	
90	131 0400626800	Cord assy.	EUR, AUS CND
91	F 3170303	PCB	
R6	R2E DPJ103A	CARBO 10KΩ 1/4W	
VR1	F 3170502	VR 5KB	EUR, AUS CND
VR2	4222210400	SEMI FIXED 20KB	
VR3	4222210400	SEMI FIXED 20KB	
SW2	F 3175400	SW push 1 key	EUR, AUS CND
92	4234921631	Fuse	
93	134 2630211500	Belt	
94	C 4861400	Shaft T.T. assy.	EUR, AUS CND
95	134 2640112800	Pulley motor	
96	D 2062300	Turntable platter mat	

SCREWS, WASHERS AND NUTS

Ref. No.	Description
201	• Brazier head taptite screw B $\phi 2.6 \times 6$
202	• Brazier head taptite screw B $\phi 3 \times 6$
203	• Brazier head taptite screw B $\phi 3 \times 8$
204	• Brazier head taptite screw B $\phi 3 \times 10$
205	• Brazier head taptite screw B $\phi 3 \times 12$
206	• Brazier head taptite screw B (Bronze) $\phi 3 \times 12$
207	• Brazier head taptite screw B $\phi 3 \times 16$
208	• Brazier head taptite screw B $\phi 3 \times 25$
209	• Brazier head taptite screw B with plain washer $\phi 3 \times 8$
210	• Brazier head taptite screw B with plain washer $\phi 3 \times 10$
211	• Pan head taptite screw B $\phi 3 \times 35$

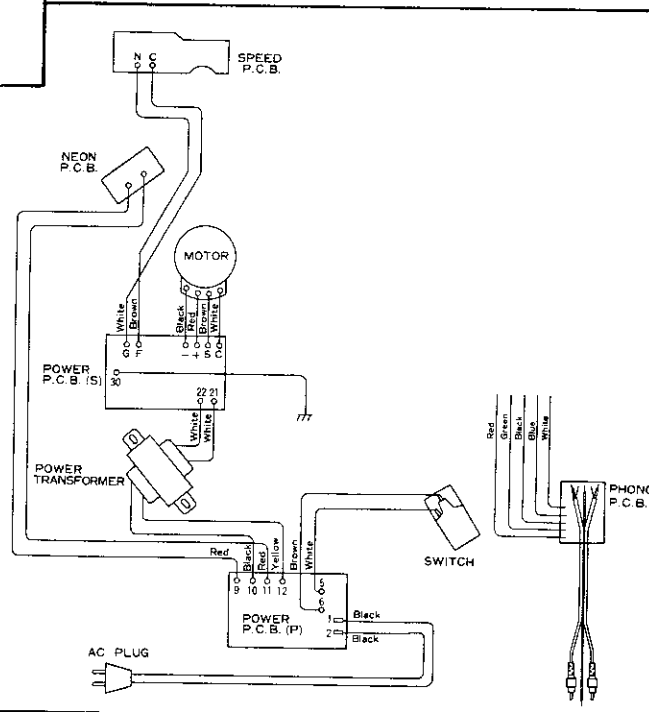
Ref. No.	Description
212	• Pan head taptite screw B with plain washer $\phi 2.6 \times 6$
213	• Pan head taptite screw C $\phi 3 \times 4$
214	• Pan head screw with spring washer M3 x 5
215	Nylon washer $3\phi \times 12\phi \times 11$
216	E type washer 2φ
217	C type washer 5φ
218	Stop ring CSTV-2
219	Stop ring CSTV-3



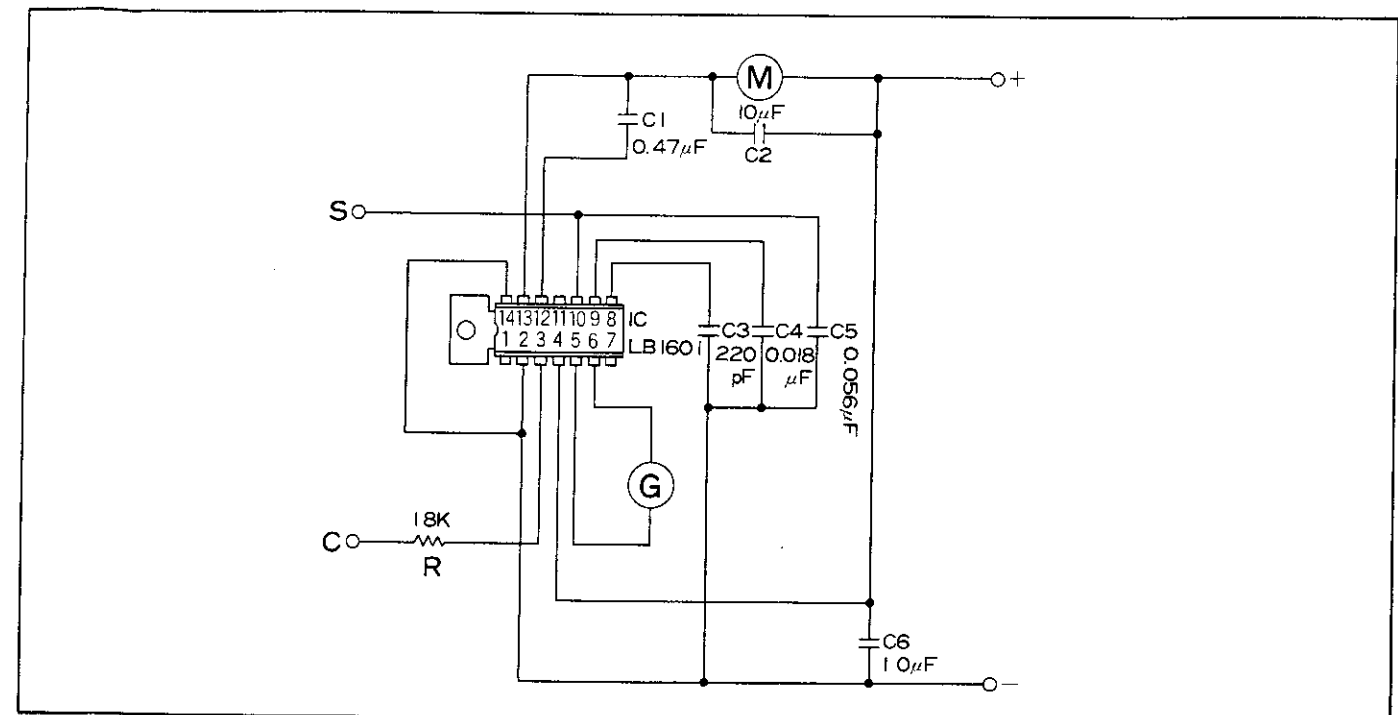
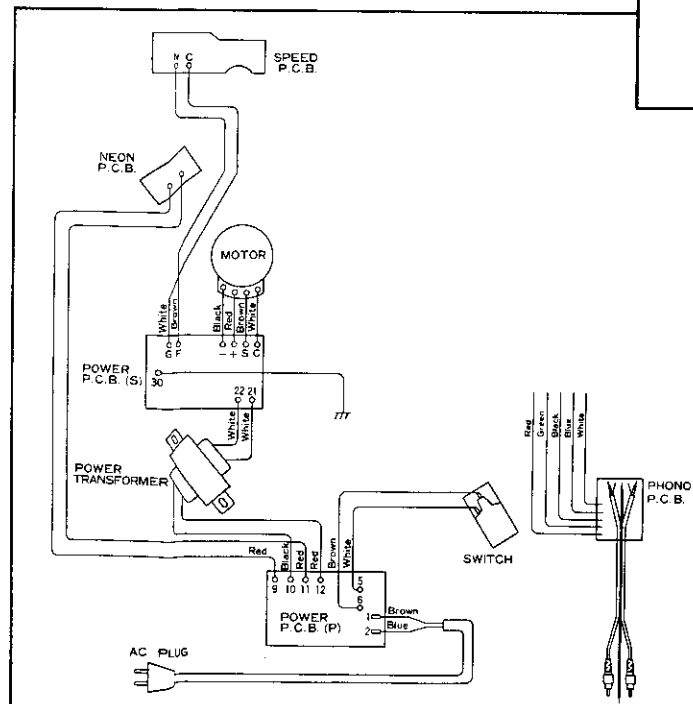


Version EUR

Version CND

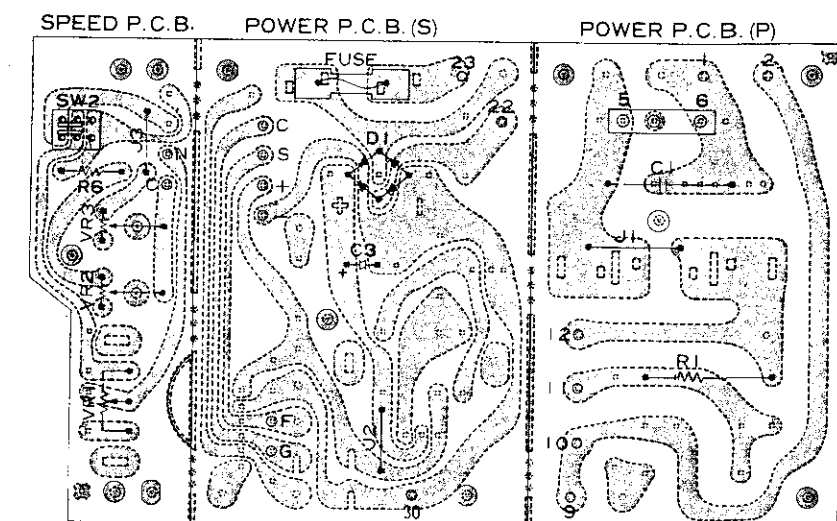


Version AUS

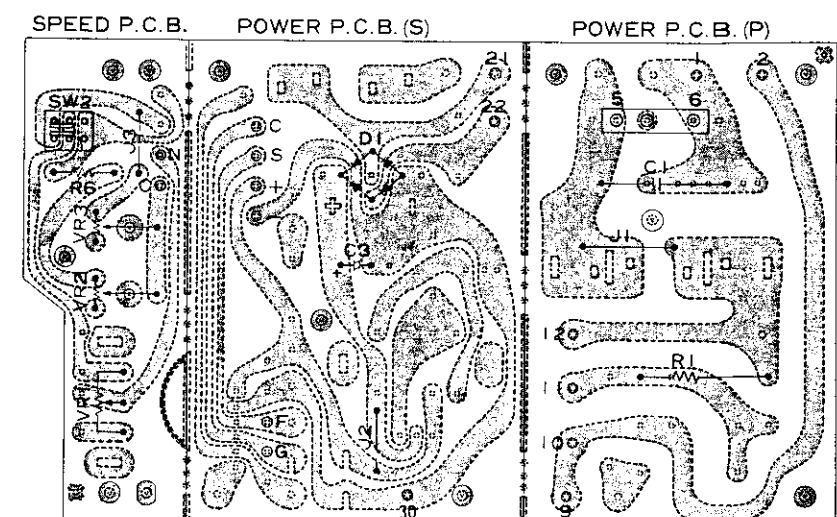


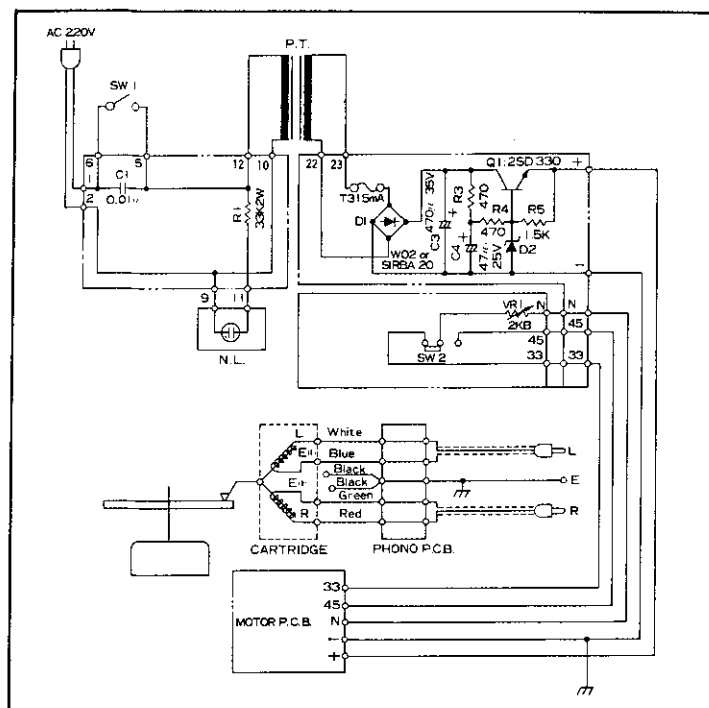
PRINTED CIRCUIT BOARD

Version EUR

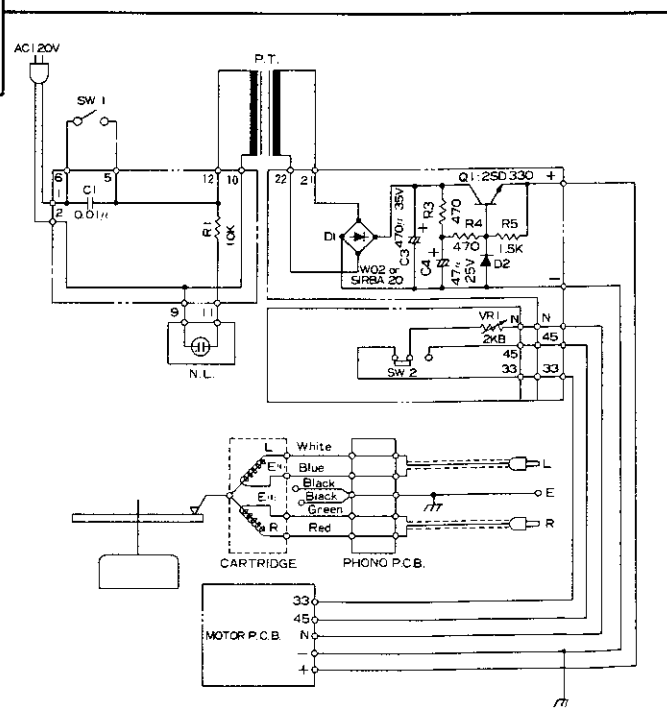


Version CND, AUS



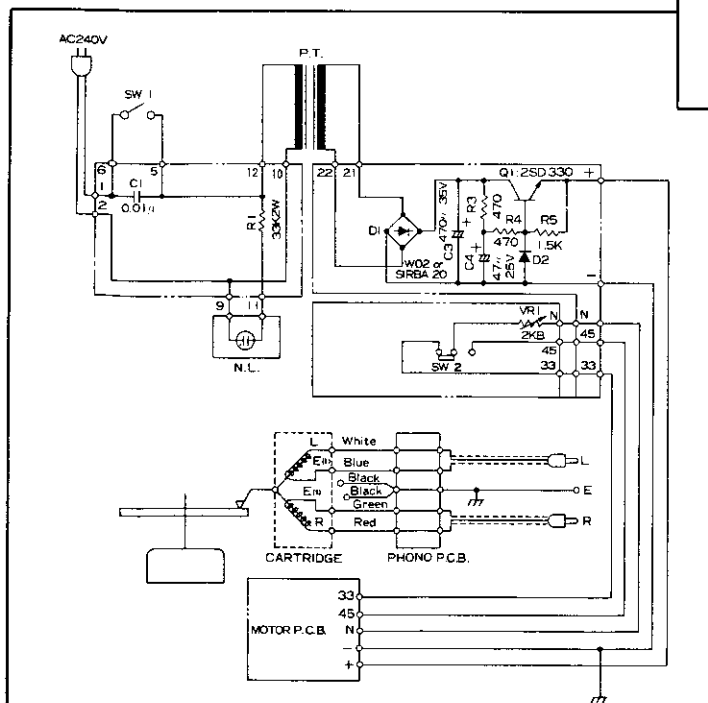


Version EUR



Version CND

Version AUS



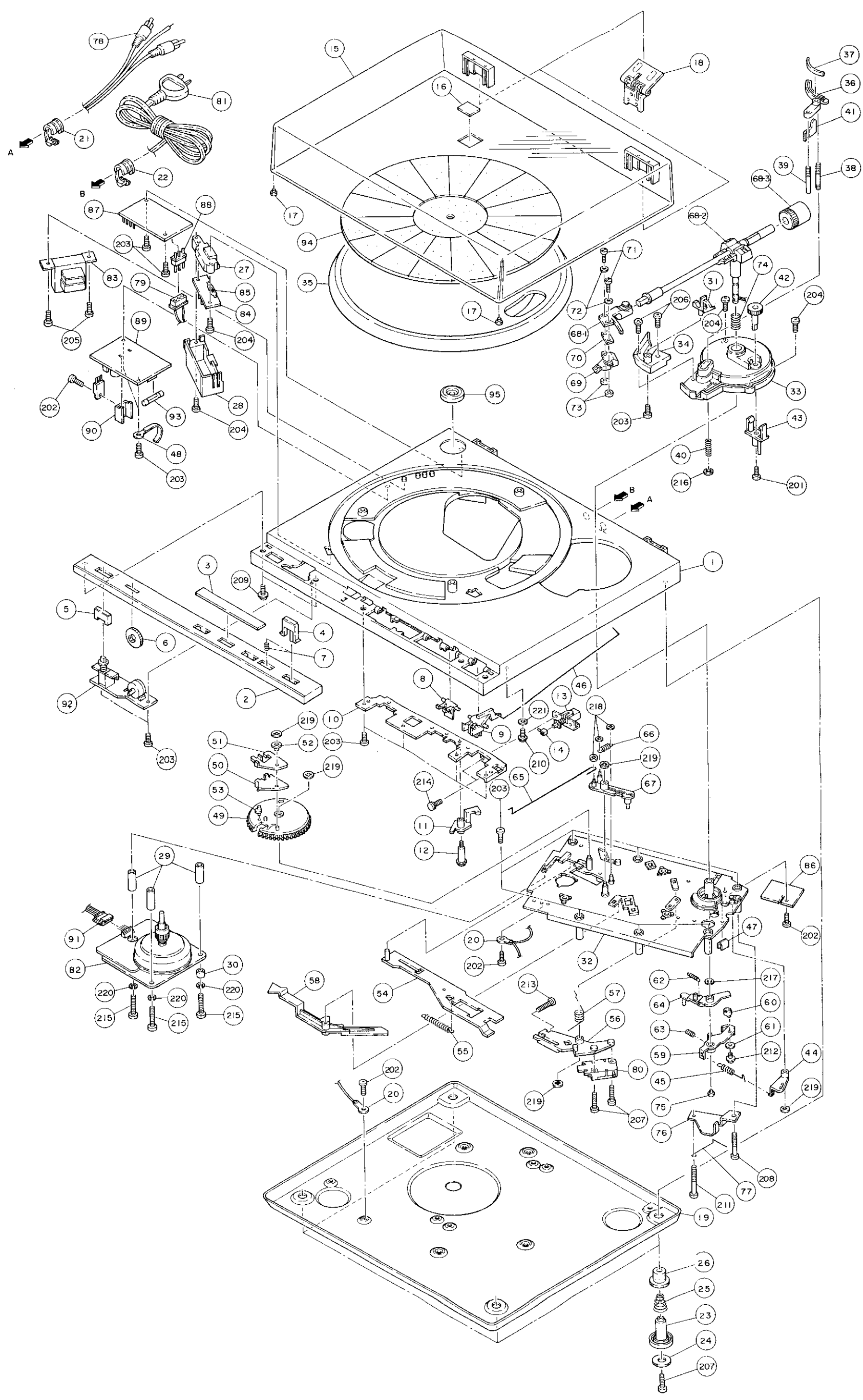
Ref. No.	Parts No.	Description	Version
1	D 1005400	Cabinet	EUR, CND AUS
2	D 2098604	Panel front	
2	D 2098603	Panel front	
3	K 4861601	Plate decorate	
4	D 4851300	Knob	
5	D 4851400	Knob	
6	D 4849801	Knob	
7	E 4856000	Spring	
8	D 4852100	Hinge	
9	D 3175300	Hinge	
10	A 3173500	Angle mount	
11	D 4853700	Arm	
12	134 2410627000	Shaft	
13	4231202400	SW push 1 key (O)	
14	134 2410920000	Pin	EUR, CND AUS
15	D 2098300	Lid	
16	K 4799800	Name plate	
16	K 4831400	Name plate	
17	131 2290413400	Pad lid	
18	K 4786900	Hinge	
19	A 2098700	Plate bottom	
20	4237921520	Terminal lug	
21	131 2611114800	Bushing	
22	D 4442100	Bushing	
22	131 2611121300	Bushing	
23	131 2180115000	Leg	
24	131 2520323600	Felt	EUR, AUS CND
25	131 2510214900	Spring mounting	
26	134 2520514400	Cushion	
27	D 3172600	Filter	
28	D 3172700	Cover	
29	131 2420832103	Spacer	
30	D 4712109	Spacer	
31	C 4850600	Arm rest assy.	
32	D 2099900	Unit plate	
33	D 2098800	Base pick up	
34	D 3175200	Arm rest	
35	D 2045101	Turntable platter	
36	D 3133800	Support arm	EUR, AUS CND
37	134 2520513600	Cushion	
38	B 4861500	Spindle lifting	
39	B 4852900	Screw	
40	E 4860900	Spring	
41	D 4853800	Actuator	
42	D 4853500	Knob	
43	134 2210612400	Holder	
44	134 2412320800	Arm	
45	E 4851600	Spring	
46	E 4854000	Rod	
47	134 2520512000	Cushion	
48	131 0301610400	Clamp wire assy.	
49	134 2411011100	Gear cycling	EUR
50	134 2412211800	Trip	
51	D 4841700	Trip	
52	134 2410700400	Collar	
53	D 4843400	Pin	
54	134 0603611700	Return plate assy.	
55	134 2510129500	Spring	
56	134 2410821000	Plate	
57	E 4825200	Spring	
58	134 2412321100	Arm	
59	C 4862000	Plate PU fix assy.	

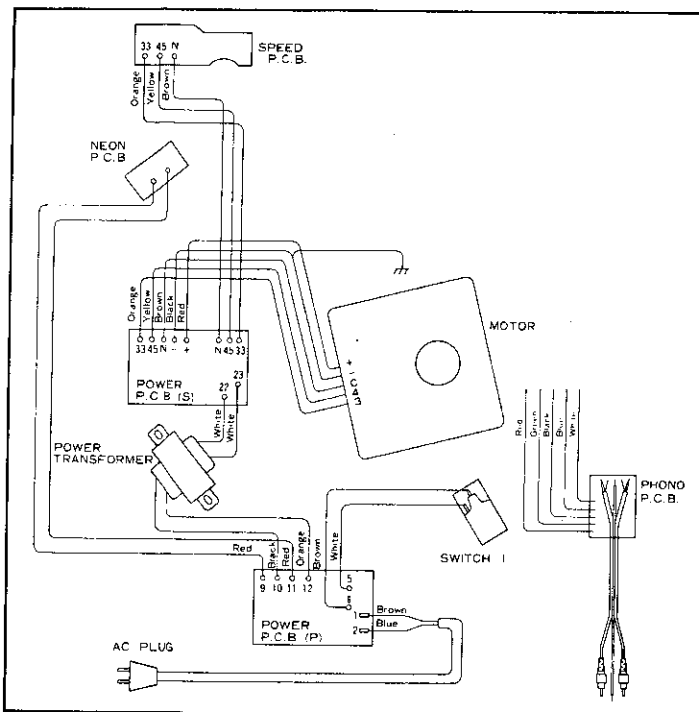
Ref. No.	Parts No.	Description	Version
60	134 2412412200	Cam	EUR, AUS EUR, AUS EUR, AUS
61	131 2420317501	Wave washer	
62	134 2510120500	Spring	
63	131 2420115102	Screw	
64	134 2412018300	Lever	
65	E 4860800	Rod	
66	134 2510134000	Spring	
67	D 4860700	Lever	
68	C 3176801	Tonearm assy.	
68-1	C 4847001	Headshell assy.	
68-2	C 2099601	Arm assy.	
68-3	C 4856400	Weight assy.	
69	F 4849000	Cartridge	
70	A 4849100	Head spacer	
71		Screw (-) 2.6 x 10	EUR, AUS EUR, AUS EUR, AUS
72		Washer	
73		Nut	
74	E 4819102	Spacer	
75	134 2411710600	Support shaft	
76	A 4818400	Angle mount	
77	F 4846800	Link	
78	F 3132403	Wire shield assy.	
78	131 0400414402	Wire shield assy.	
79	C 4859900	Cord assy.	
79	C 4860000	Cord assy.	
80	4231921995	SW Micro	
81	4243200071	Power cord	
81	F 4771001	Power cord	EUR, AUS CND
81	4243920390	Power cord	
82	C 2099000	Motor assy.	
83	F 3171102	Power trans.	
83	F 3171202	Power trans.	
83	F 3171302	Power trans.	
84	4226204360	Printed circuit BD	
85	4612202700	Neon lamp	
85	4612220795	Neon lamp	
86	4226207950	PCB	
87	F 3170301	PCB	
R1	R3D XBJ333A	OMF 33KΩ 2W	EUR, AUS CND
R1	R3A XBJ103A	OMF 10KΩ 1W	
C1	C2E FRM103C	MYLAR 0.01μF 250V	
C1	F 4795000	Condenser	
88	4236200640	Plug 3P	
89	F 3170302	PCB	
R3	R2E DBJ471A	CARBO 470Ω 1/4W	
R4	R2E DPJ471A	CARBO 470Ω 1/4W	
R5	R2E DPJ152A	CARBO 1.5KΩ 1/4W	
C3	C1V RE477A	ELECT 470μF 35V	
C4	C1E RE476A	ELECT 47μF 25V	
D1	DGG W02	Diode bridge	
D2	DJJ WZ192	Zener diode	
Q1	203 5857033040	2SD 330D	
Q1	203 5857033050	2SD 330E	
90	131 2620121500	Plate heat sink	EUR
91	C 4849300	Cord assy.	
92	F 3170303	PCB	
VR1	F 3170501	VR 2KB	
SW2	F 3175400	SW push 1 key	
93	4234921411	Fuse	
94	D 2062300	Turntable platter mat	
95	D 4310000	45 rpm adapter	

SCREWS, WASHERS AND NUTS

Ref. No.	Description
201	• Brazier head taptite screw B $\phi 2.6 \times 6$
202	• Brazier head taptite screw B $\phi 3 \times 6$
203	• Brazier head taptite screw B $\phi 3 \times 8$
204	• Brazier head taptite screw B $\phi 3 \times 10$
205	• Brazier head taptite screw B $\phi 3 \times 12$
206	• Brazier head taptite screw B (Bronze) $\phi 3 \times 12$
207	• Brazier head taptite screw B $\phi 3 \times 16$
208	• Brazier head taptite screw B $\phi 3 \times 25$
209	• Brazier head taptite screw B with plain washer $\phi 3 \times 8$
210	• Brazier head taptite screw B with plain washer $\phi 3 \times 10$
211	• Pan head taptite screw B $\phi 3 \times 35$
212	• Pan head taptite screw B with plain washer $\phi 2.6 \times 6$

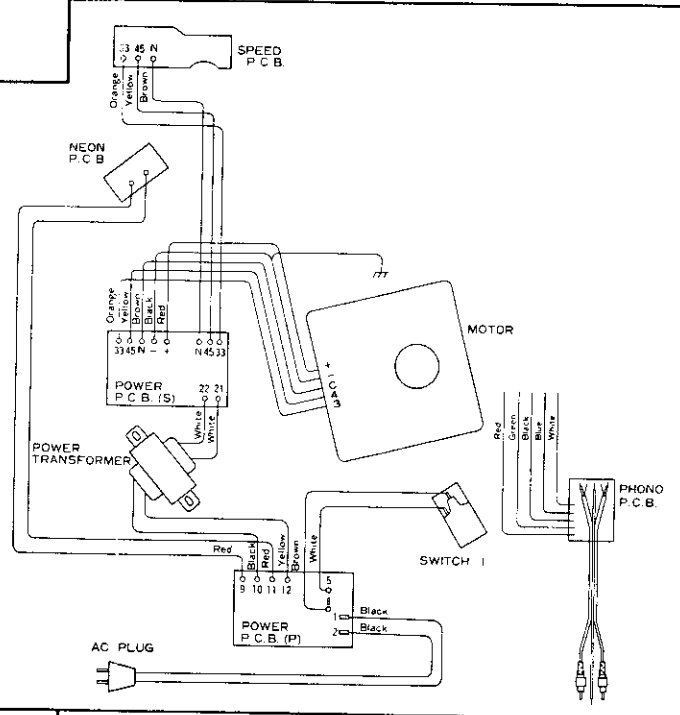
Ref. No.	Description
213	• Pan head taptite screw C $\phi 3 \times 14$
214	• Pan head screw with spring washer M3 x 6
215	• Pan head screw M4 x 35
216	• E type washer 2φ
217	• C type washer 5φ
218	• Stop ring CSTW-2
219	• Stop ring CSTW-3
220	• Spring washer 4φ
221	• Nylon washer 3φ x 12φ x 1t



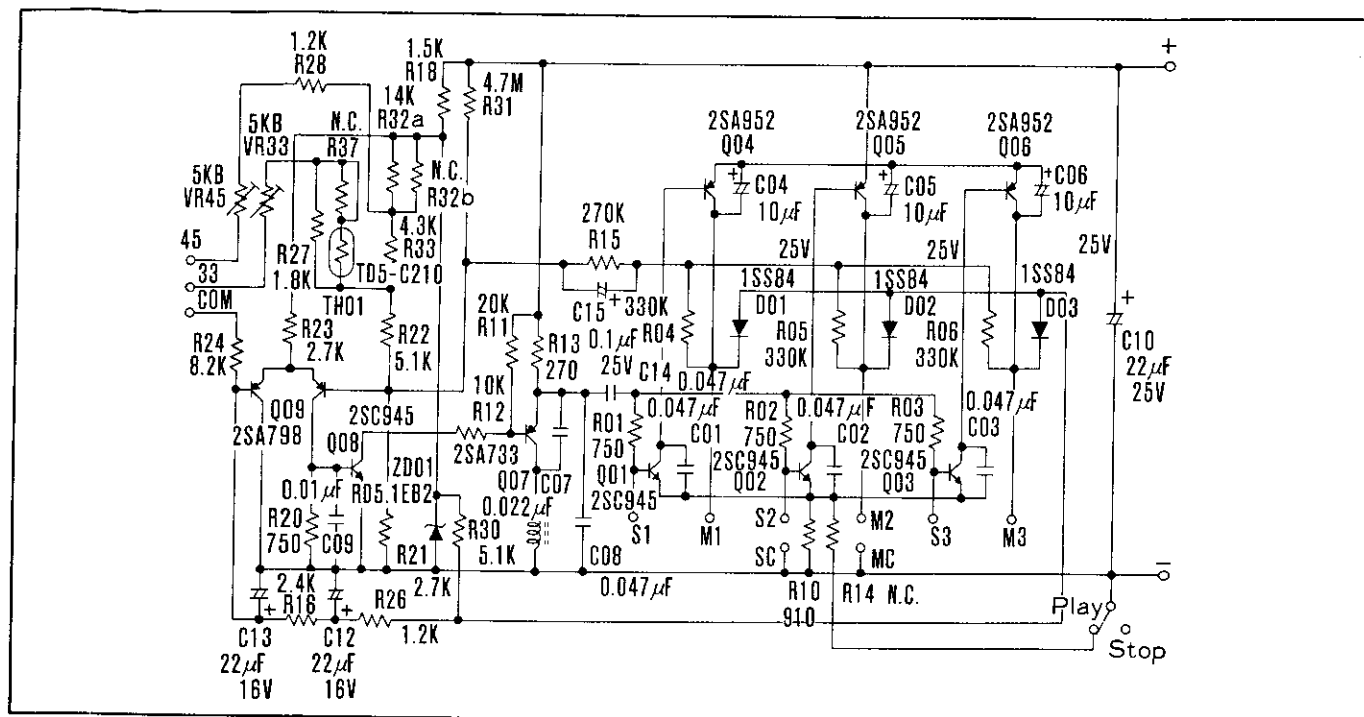
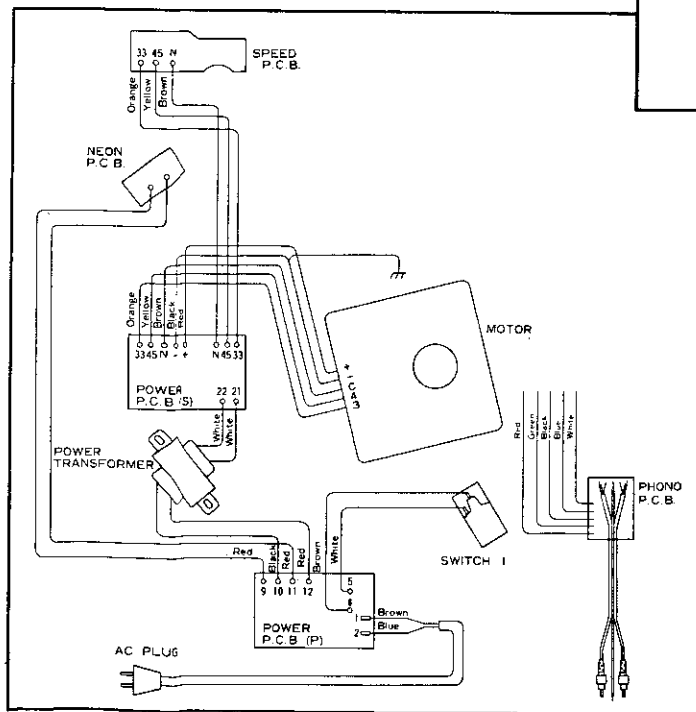


Version EUR

Version CND

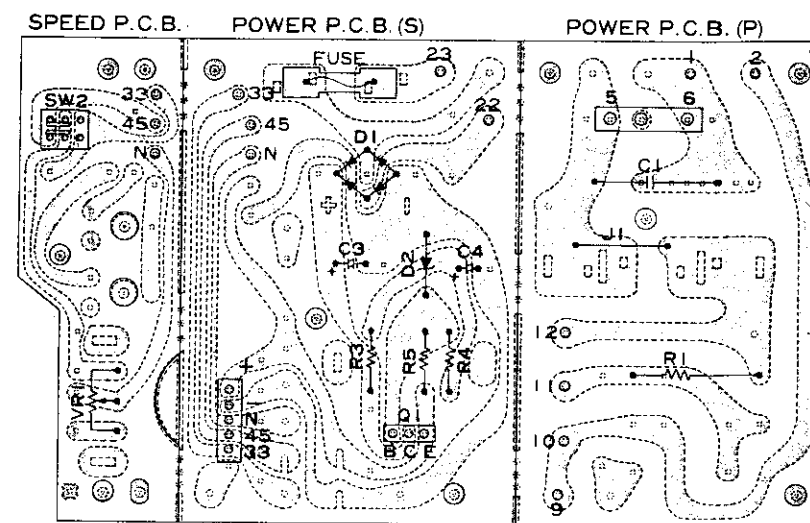


Version AUS



PRINTED CIRCUIT BOARD

Version EUR



Version CND, AUS

