

SERVICE MANUAL

—MODEL— ST930

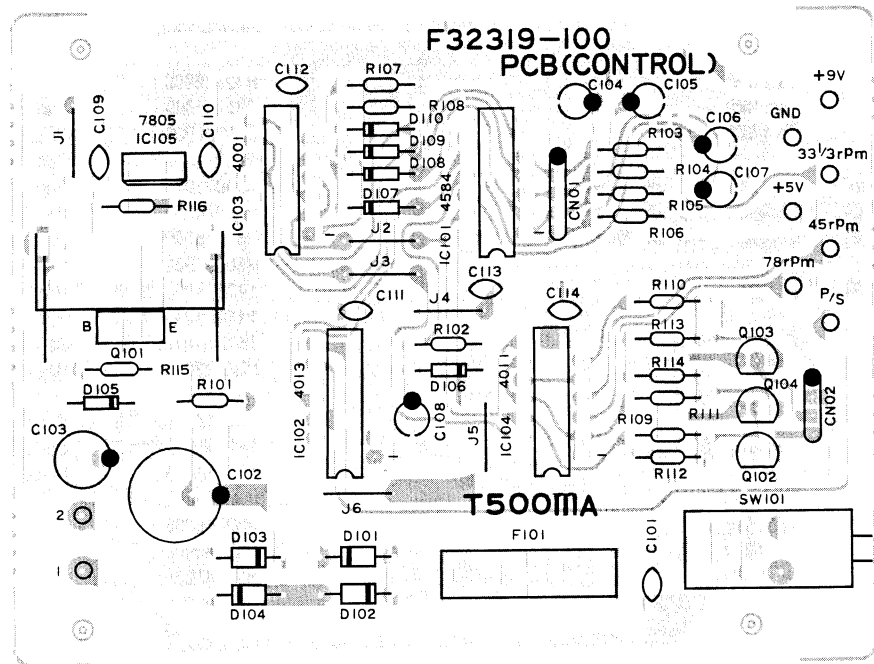
PARTS LIST **POWER SUPPLY P.C. BOARD** **EXPLODED VIEW** **SCHEMATIC DIAGRAM** **WIRING DIAGRAM**

PARTS LIST

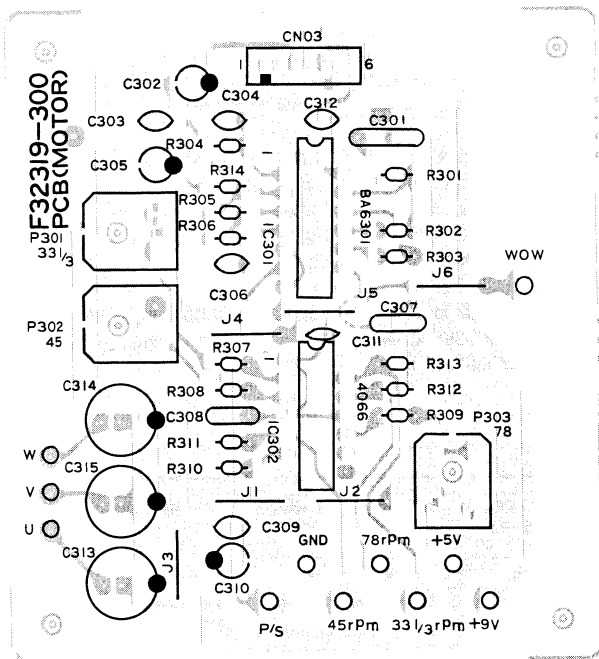
Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
1	D10117000	Base Board	1	CN01	13129800010360	Jumper 5P	1
2	H32308000	Base Board	1	CN02	13129800010850	Jumper 4P	1
3	H50070000	Sheet B	4				
4	H50071000	Sheet B	4	F101	△F49033010	Fuse 500mA	1
5	K50000000	Badge	1				
6	D49966000	Cushion	4	S101	42319787300	Push SW 1Key	1
7	D50019000	Cushion	4				
8	D50087000	Rubber Cushion	4	C101	CK1H103ZAFFLC	Ceram 0.01μZ 50V	1
9	E49965000	Spring	4	C102	CE1V471MDFANN	Elect 470μM 35V	1
10	C49954000	Leg Assy	4	C103	CE1C101MDFALC	Elect 100μM 16V	1
				C104	CE1C100MDFALC	Elect 10μM 16V	1
11	C49984000	Motor Assy	1	C105	CE1C100MDFALC	Elect 10μM 16V	1
12	B49962000	Pulley Motor	1	C106	CE1C100MDFALC	Elect 10μM 16V	1
13	A50013000	Plate Motor	1	C107	CE1C100MDFALC	Elect 10μM 16V	1
14	A50052000	Angle Mount	1	C108	CE1C470MDFALC	Elect 47μM 16V	1
15	B50053000	Spacer	3				
16	13425202118000	Rubber Cushion	3	D101	F49572000	MPG06B	1
17	A49959000	Angle Mount	1	D102	F49572000	MPG06B	1
18	F50055000	Socket	1	D103	F49572000	MPG06B	1
19	F50024000	Cord	1	D104	F49572000	MPG06B	1
20	D21183000	Lid	1	D105	DZGZA10X---A	ZD GZA10X	1
				D106	DDGMA01---A	DI GMA01	1
21	K50142000	Badge Lid	1	D107	DDGMA01---A	DI GMA01	1
22	C32310000	Assy Shaft TT	1	D108	DDGMA01---A	DI GMA01	1
23	D21170000	Turntable	1	D109	DDGMA01---A	DI GMA01	1
24	D50067000	Belt	1	D110	DDGMA01---A	DI GMA01	1
25	H50003000	Sheet TT	2				
26	H50069000	Sheet TT	5	IC101	QBU4584B---N	IC BU4584B	1
27	H49991000	Mat Turntable	1	IC102	QBU4013B---N	IC BU4013B	1
28	D32354000	Mat Turntable	1	or	QLC4013B---N	IC LC4013B	1
29	B49961000	Pu Base	1	IC103	QBU4001B---N	IC BU4001B	1
30	C32313000	Assy Tonearm	1	or	QLC4001B---N	IC LC4001B	1
30-1		Counter Weight	1	IC104	QBU4011B---N	IC BU4011B	1
30-2		Fixing Screw	1	or	QLC4011B---N	IC LC4011B	1
30-3		Oil Cap	1	IC105	QL78M05----N	IC L78M05	1
30-4		Audio Cable	1	or	QNJM78M05A---N	IC NJM78M05A	1
30-5	C50032000	Damping Oil	1	or	QNJM78M05FA--N	IC NJM78M05FA	1
30-6	F32325000	Plug Cord	1				
				Q101	T2SD330-E---N	TR 2SD330-E	1
31	R50029000	Hexagon Wrench Key 1.5	1	or	T2SD330-F---N	TR 2SD330-F	1
32	R50030000	Hexagon Wrench Key 2.5	1	Q102	T2SA608-E-NPC	TR 2SA608-E	1
33	R50031000	Hexagon Wrench Key 5	1	or	T2SA608-F-NPC	TR 2SA608-F	1
34	R50081000	Driver	1	Q103	T2SA608-E-NPC	TR 2SA608-E	1
35	△F49988400	Power Cord (EUR)	1	or	T2SA608-F-NPC	TR 2SA608-F	1
35	△F49988410	Power Cord (UK)	1	Q104	T2SA608-E-NPC	TR 2SA608-E	1
36	B47659000	Ep Adapter	1	or	T2SA608-F-NPC	TR 2SA608-F	1
37	A32315000	Cover Control	1				
38	D32316000	Front Control	1	R101	RDB1201JPBANA	Carbon 1.2K JA 1/4W	1
39	A32314000	Bottom Control	1	R102	RDB2202JPBANA	Carbon 22K JA 1/4W	1
40	C49960000	Leg Assy	4	R103	RDB2202JPBANA	Carbon 22K JA 1/4W	1
				R104	RDB2202JPBANA	Carbon 22K JA 1/4W	1
41	D32317000	Knob Start	1	R105	RDB2202JPBANA	Carbon 22K JA 1/4W	1
42	D32318000	Knob Speed	1	R106	RDB2202JPBANA	Carbon 22K JA 1/4W	1
43	D49217010	Knob Power	1	R107	RDB1003JPBANA	Carbon 100K JA 1/4W	1
44	F49987000	Plug Cord	1	R108	RDB1003JPBANA	Carbon 100K JA 1/4W	1
45	D50046000	Bushing	1	R109	RDB2202JPBANA	Carbon 22K JA 1/4W	1
46	△F50010000	In Let	1	R110	RDB2202JPBANA	Carbon 22K JA 1/4W	1
47	85430900801010	UL 1672 Top Coat	1	R111	RDB2202JPBANA	Carbon 22K JA 1/4W	1
48	△F49985000	Voltage Selector	1	R112	RDB1002JPBANA	Carbon 10K JA 1/4W	1
49	B50037000	Spacer	2	R113	RDB1002JPBANA	Carbon 10K JA 1/4W	1
50	△F49986000	Power Trans	1	R114	RDB1002JPBANA	Carbon 10K JA 1/4W	1
				R115	RDB2200JPBANA	Carbon 220 JA 1/4W	1
51	D50051000	Spacer	4	R116	F32044000	Fusible 10 J- 1/4W	1
52	C32320100	PC Assy. Control	1	53	C32320200	PC Assy Front	1
52-1	F32319100	PCB	1	53-1	F32319200	PCB	1
52-2	F49858000	Fuse Holder	1	53-2	F50099000	Spacer	3
or	42352019400	Fuse Holder	1				
52-3	13126201215000	Plat Heat Sink	1				

POWER SUPPLY P.C. BOARD

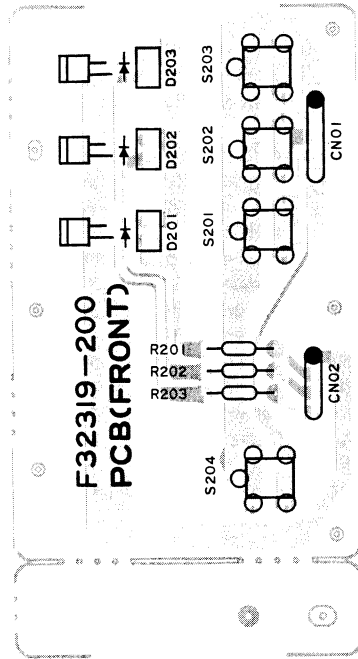
52-1 Control PCB



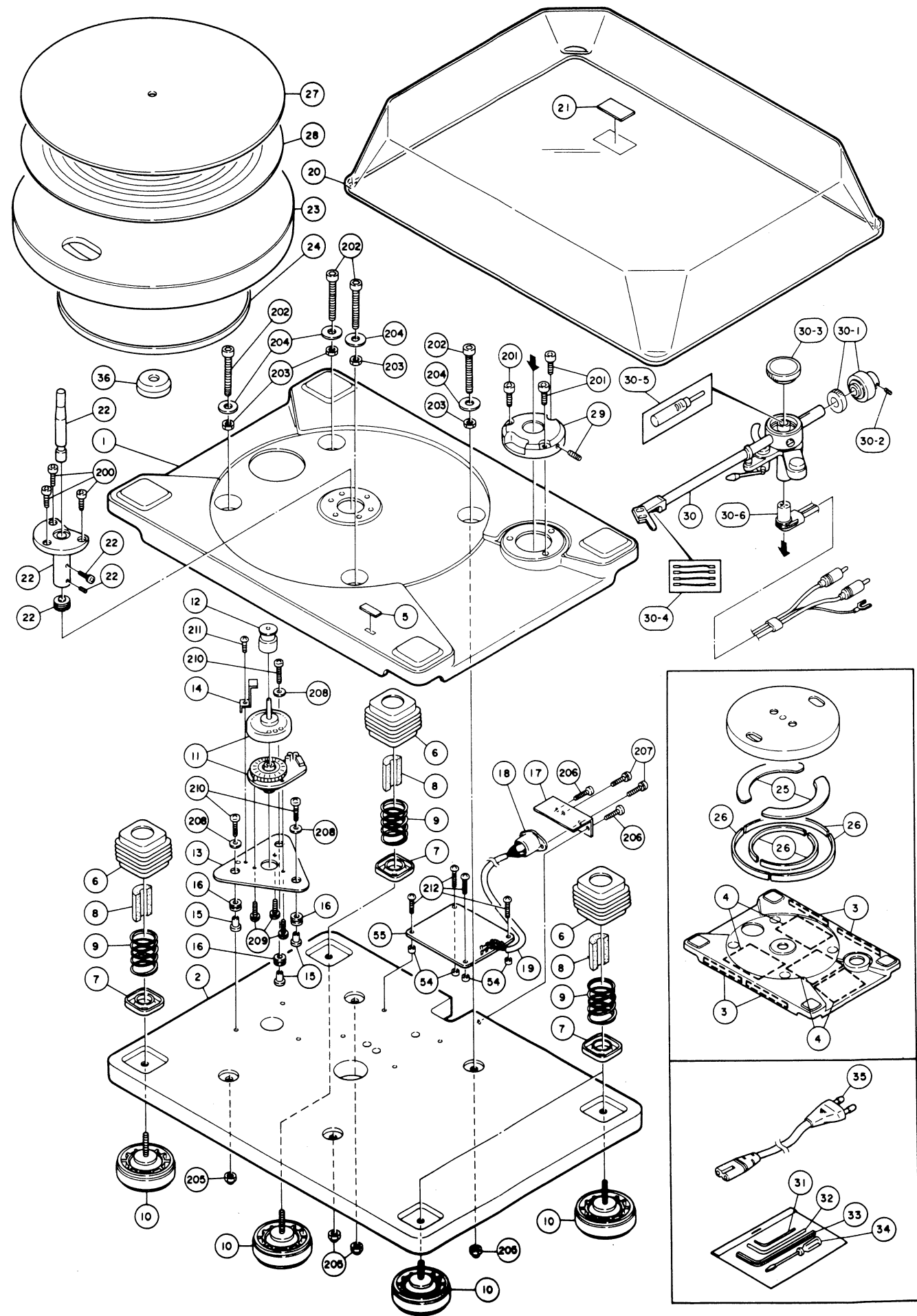
55-1 Motor PCB



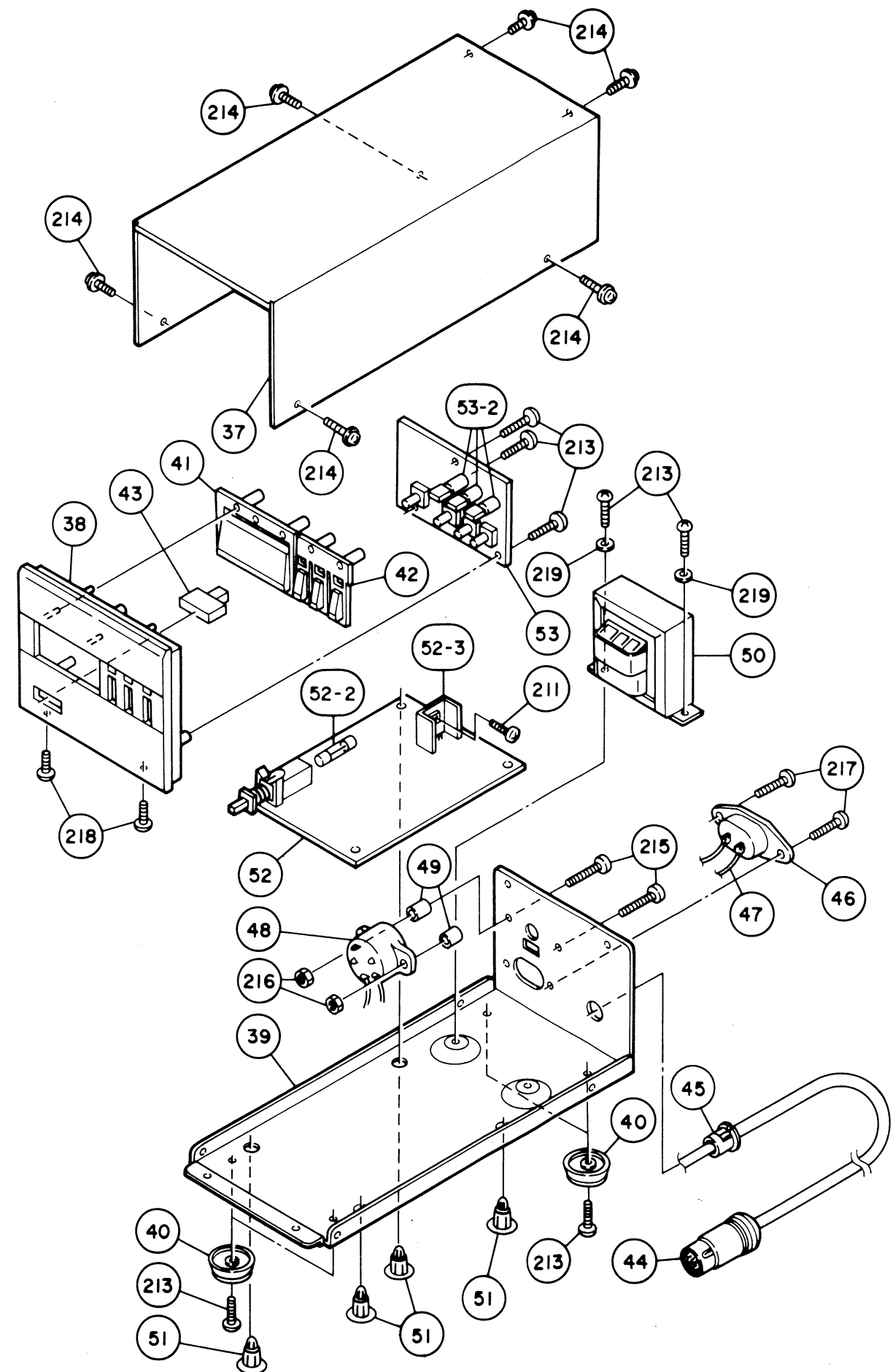
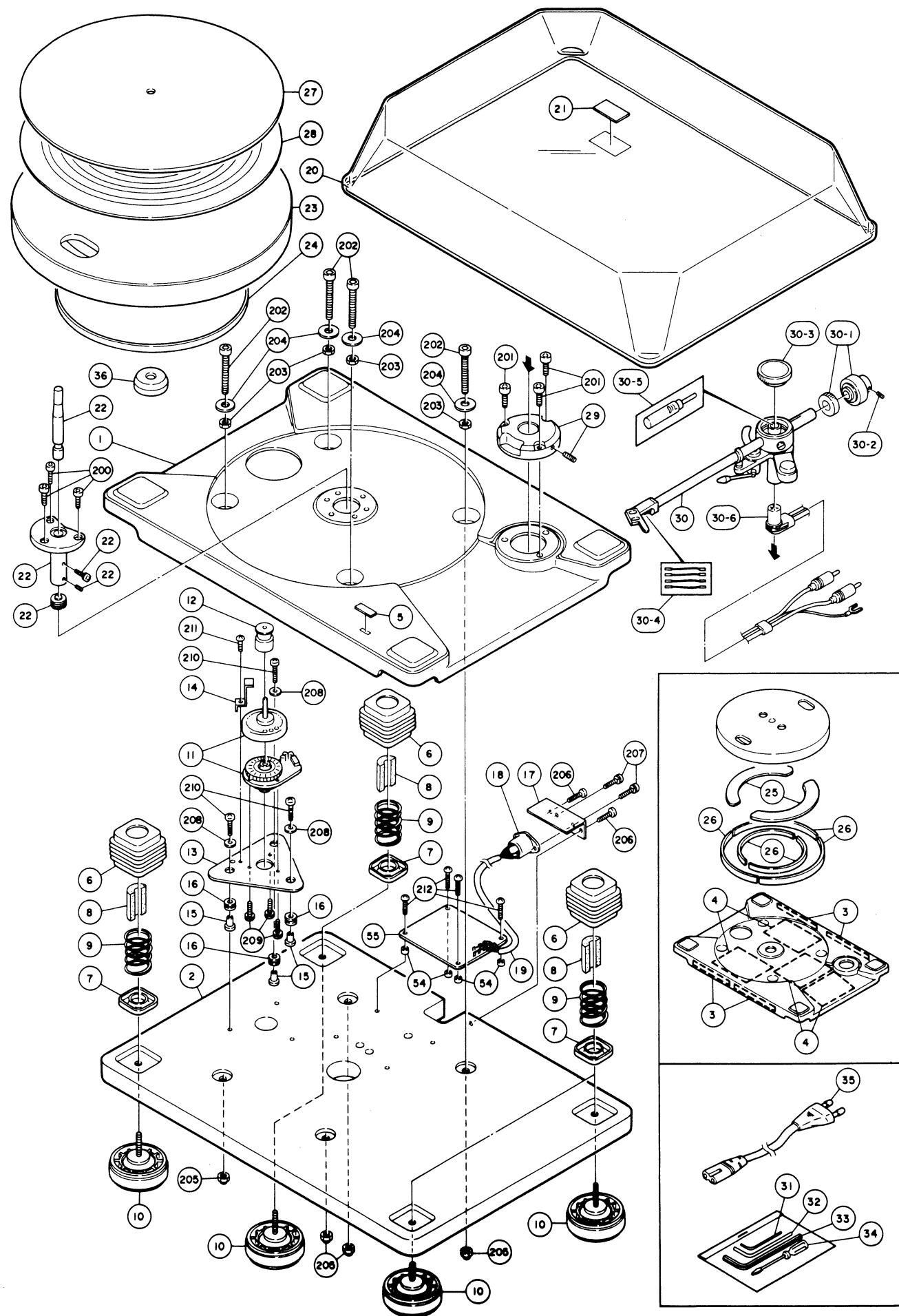
53-1 Front PCB



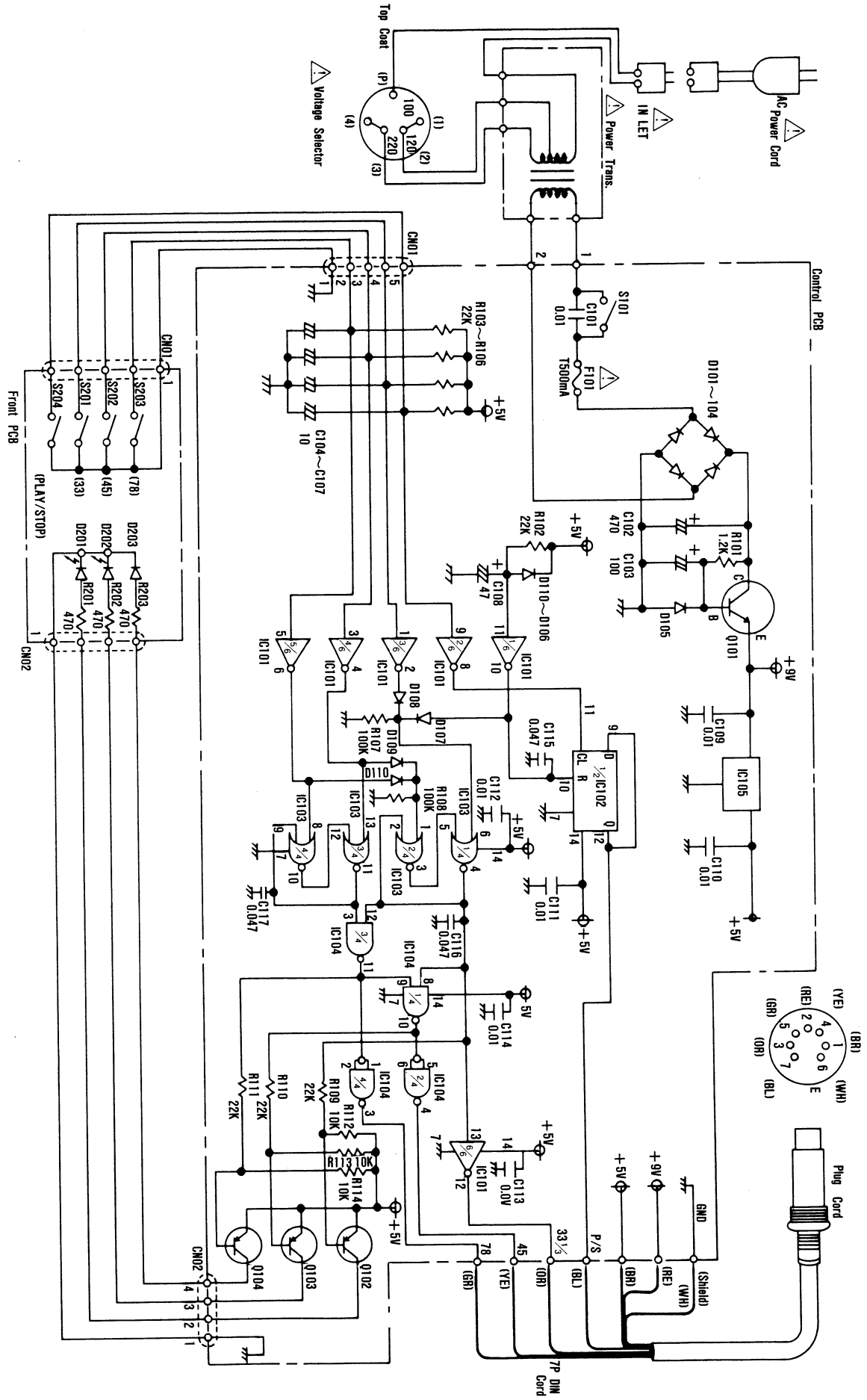
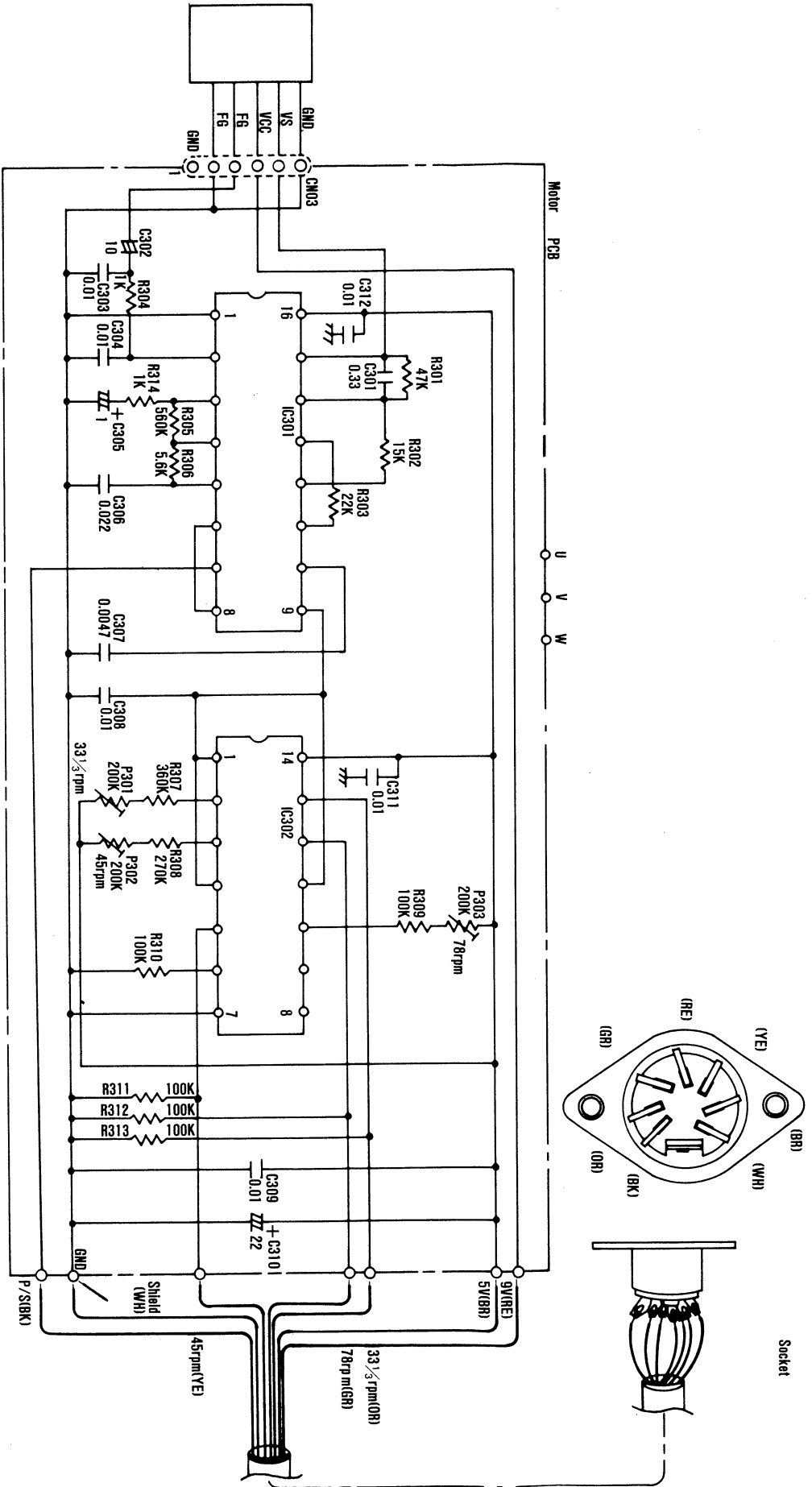
EXPLODED VIEW

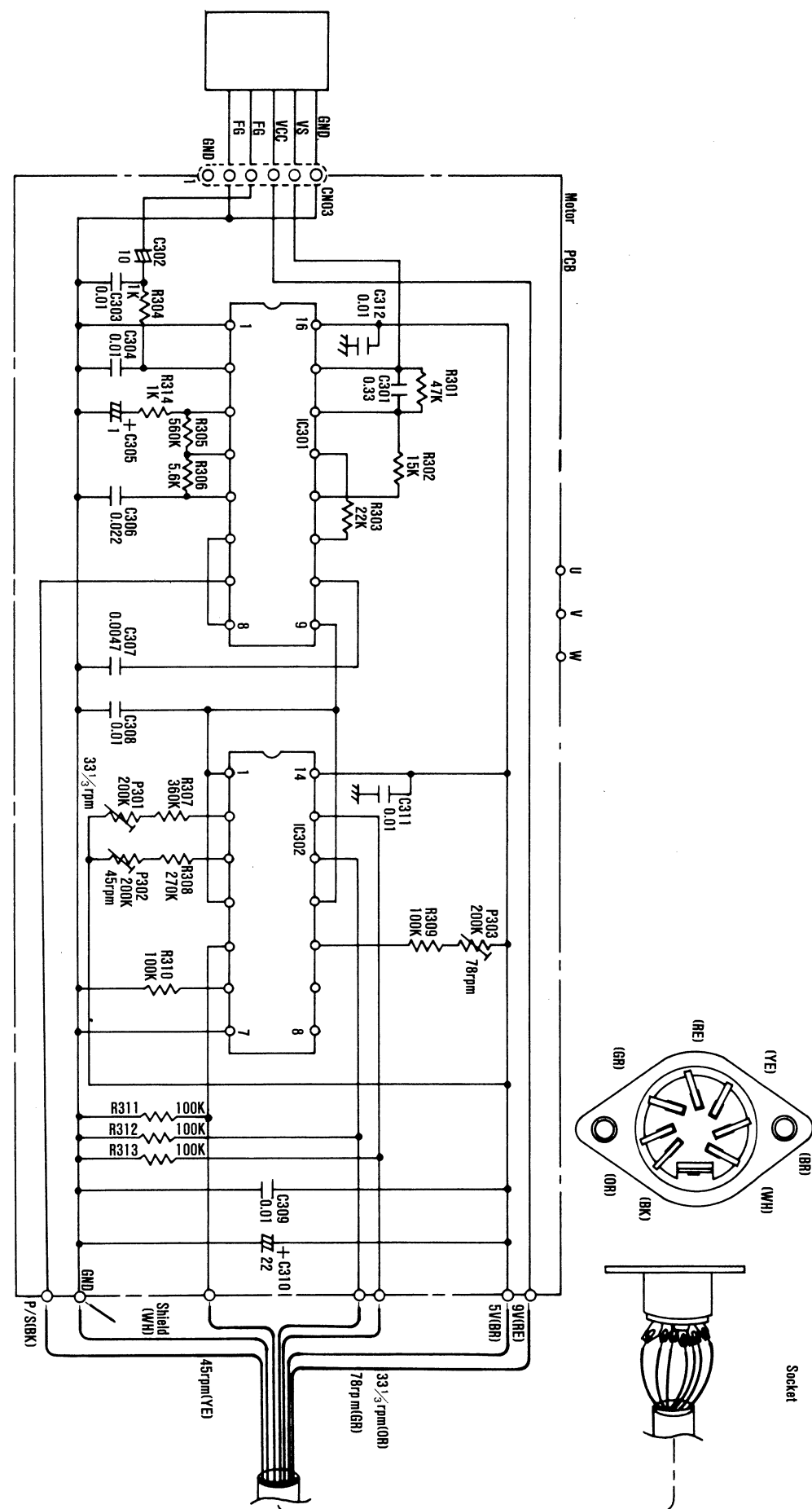


EXPLODED VIEW



SCHEMATIC DIAGRAM





Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
D201	DLSLP-151B50N	LE SLP-151B-50	1	H32353000	Box Corrugate-EXP	1	
D202	DLSLP-151B50N	LE SLP-151B-50	1	H50177000	Pad Bottom	1	
D203	DLSLP-151B50N	LE SLP-151B-50	1	H50176000	Pad Top	4	
				14163219001000	Patching Sheet	1	
S201	42319784700	Tact SW	1	H32326000	Box Corrugate-EXP	1	
S202	42319784700	Tact SW	1	C21176000	Pad, Top	1	
S203	42319784700	Tact SW	1	C21177000	Pad, Bottom	1	
S204	42319784700	Tact SW	1	D50072000	Pad, Top Right	1	
R201	RDB4700JPBANA	Carbon 470 JA 1/4W	1	H50073000	Pad, Mat TT	1	
R202	RDB4700JPBANA	Carbon 470 JA 1/4W	1	H50074000	Poly Cover, Weight-Wrench	2	
R203	RDB4700JPBANA	Carbon 470 JA 1/4W	1	H50096000	Poly Cover, PU	1	
54	13124208321020	Spacer	4	H50097000	Poly Cover, PU Pipe	1	
55	C32320300	PC Assy Motor	1	14162519229900	Bag Polyethylene-IND	2	
55-1	F32319300	PCB	1	14162519164900	Sheet Polyethylene	1	
				14162519165900	Bag Polyethylene-EXP	1	
				H50122000	Bag Polyethylene	1	
CN03	F50063000	Connector 6P Assy	1	13162719104010	Bag Fan	1	
J1	30031000220000	TWN 0.6	1	14164559040350	Serial No. Sheet	7	
J2	30031000220000	TWN 0.6	1	K50088000	Name Plate	1	
J3	30031000220000	TWN 0.6	1	H50103000	Label	1	
C301	CHIH334JAAALC	MT-CO 0.33μJ 50V	1	H50118000	Sheet	1	
C302	CEIE100MDLALC	Elect 10μM 25V	1	H50086000	Label	1	
C303	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1	H50167000	Label	1	
C304	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1	H50095000	Label	1	
C305	CEIH1ROMDLALC	Elect 1μM 50V	1	H50120000	Sheet	1	
C306	CKIH223ZAFFLC	Ceram 0.022μZ 50V	1	H48077000	BS Code Label (UK)	1	
C307	CHIH472JAAALC	MT-CO 0.0047μJ 50V	1	13127103171000	Label (UK)	1	
C308	CHIH103JAAALC	MT-CO 0.01μJ 50V	1	H49990000	Stroboscope	1	
C309	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1	H50151010	Stylus Position Gauge	1	
C310	CEIE220MDLALC	Elect 22μM 25V	1	H32183790	Explanatory Booklet	1	
C311	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1				
C312	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1				
IC301	QBA6301-----N	IC BA6301	1	200	SM2KN40350SM-	Screw, Hexagon-Socket	+M4.0×35 3
IC302	QTC4066BP---N	IC TC4066BP	1	201	SM2KN40300SM-	Screw, Hexagon-Socket	+M4.0×30 3
P301	42222010200	Semi Fixed 200K	1	202	SM2KN60500SM-	Screw, Hexagon-Socket	+M6.0×50 4
P302	42222010200	Semi Fixed 200K	1	203	SN2Z2N60SM---	NUT, Cap 6	4
P303	42222010200	Semi Fixed 200K	1	204	SWK602001ROSM	Washer, Ø6.0×20×1	4
R301	RDD4702JPBANA	Carbon 47K JA 1/6W	1	205	SN2H3N60SE---	NUT, Hexagon 6	4
R302	RDD1502JPBANA	Carbon 15K JA 1/6W	1	206	SUWPN30100SM-	Screw, Wood PAN	+M3.0×10 2
R303	RDD2202JPBANA	Carbon 22K JA 1/6W	1	207	SM2PS30100SM-	Screw, PAN Spring Washer	+M3.0×10 2
R304	RDD1001JPBANA	Carbon 1K JA 1/6W	1	208	SWZ321001ROSE-	Washer, Ø3.2×10×1	3
R305	RDD5603JPBANA	Carbon 560K JA 1/6W	1	209	13124201199000	Screw, PAN Spring Washer	+M3.0×6 3
R306	RDD5601JPBANA	Carbon 5.6K JA 1/6W	1	210	SUWPN27200SE-	Screw, Wood PAN	+M2.7×20 3
R307	RDD3603JPBANA	Carbon 360K JA 1/6W	1				
R308	RDD2703JPBANA	Carbon 270K JA 1/6W	1	211	SFBAN306ROSE-	Screw, Brazier Hd. Topping-B	+M3.0×6 2
R309	RDD1003JPBANA	Carbon 100K JA 1/6W	1	212	SUWPN30160SE-	Screw, Wood PAN	+M3.0×16 4
R310	RDD1003JPBANA	Carbon 100K JA 1/6W	1	213	13124201195000	Screw,	+M3.0×6 9
R311	RDD1003JPBANA	Carbon 100K JA 1/6W	1	214	1412421933010	Screw,	+M3.0×8 6
R312	RDD1003JPBANA	Carbon 100K JA 1/6W	1	215	SM2PN30120SE-	Screw, PAN	+M3.0×12 2
R313	RDD1003JPBANA	Carbon 100K JA 1/6W	1	216	SN2H2N30SE--	NUT, Hexagon 3	2
R314	RDD1001JPBANA	Carbon 1K JA 1/6W	1	217	SFBAN308ROSE-	Screw, Brazier Hd. Tapping-B	+M3.0×8 2
				218	SFBDN308ROSM-	Screw, Brazier Hd. Tapping-B	+M3.0×8 2
				219	SWK328R01ROSE-	Washer, Ø3.2×8×1	2

Components and wiring are subject to change for modification without notice.

To service personnel.
Make sure that only replacement parts recommended by the manufacturer should be used when the parts marked "A" in schematic diagram are exchanged.
Never fail to make leakage-current or resistance measurements before returning the appliance to the customer so as to make sure that exposed parts are acceptably insulated from the supply circuit.

WIRING DIAGRAM

