

SERVICE MANUAL

—— MODEL ——
ST 730, ST 750

*PARTS LIST
POWER SUPPLY P.C.BOARD
EXPLODED VIEW
DIAGRAMS*

C.E.C.

ST 730

PARTS LIST

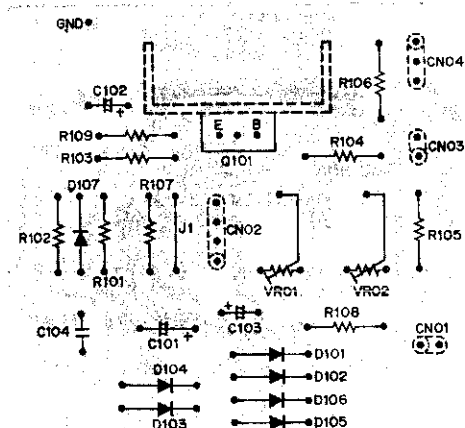
Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
1	D10109010	Cabinet	1	62	C31923500	Pickup Assy	1
2	D21165000	Panel Front (EUR)	1	62-1	F32305010	Cartridge	1
2	D21165030	Panel Front (AUS)	1	62-2	F49944010	Stylus	1
3	D32321000	Knob, Speed/Play/Cut/Cue	4	62-3	D49239000	Retainer Needle	1
4	D32322000	Kob, Size	1	62-4	C50038000	Weight Assy	1
5	D48498000	Knob, Pitch	1				
6	D48883070	Knob, IFC	1	63	13124203202000	Toothed Washer	1
7	D49973000	Case	1	64	C48506000	Arm Rest Assy	1
8	H50026000	Sheet	1	65	F32259000	Wire Shield Assy	1
9	D32292000	Hinge, Knob	3	66	△ 42432000710	Power Cord (EUR)	1
10	A49900000	Plate	1	66	△ F47710010	Power Cord (AUS)	1
				67	△ F49929400	Power Trans (EUR)	1
11	A49899000	Plate, Slide Knob	1	67	△ F49929410	Power Trans (AUS)	1
12	A48856000	Plate, Cue	1	68	C49640000	Motor Assy	1
13	A49901000	Plate, IFC	1	69	13123608168000	Cramp Wire, Power Cord	1
14	A10114000	Plate Bottom	1	70	D32141000	Turntable Sheet	1
15	C50058020	Leg Assy	2				
16	C50058010	Leg Assy	2	71	D49759000	45 Adaptor	1
17	D21152020	Dust Cover	1				
18	K47869020	Hinge Assy	2	SW01	F49716010	Leaf SW	1
19	13122904134010	Pad, Dust Cover	2	SW02	42319785600	Leaf SW	1
20	13424110115000	Gear Cycling	1				
				72	C32327100	PC Assy, Control	1
21	13424122121000	Trip	1	72-1	F32328100	PCB	1
22	13424122127000	Trip	1	72-2	F49658010	Connector 1P Assy	1
23	14128559063000	Spring, Cam Drive Assy	1	72-3	F49999000	Lug Ground	1
24	13406028110000	Cam Drive Assy	1				
25	C49936000	Plate Assy	1	CN02	F49480300	Jumper 4P	1
26	E49252000	Spring	1				
27	D49673000	Lever Assy	1	C101	CE1E471MDFANN	Elect 470μ M 25V	1
28	D49746000	Seesaw Arm Assy	1	C102	CE1E470MDFANN	Elect 47μ M 25V	1
29	D49724000	Bearing	1	C103	CE1C330MDFANN	Elect 33μ M 16V	1
30	14127519765000	Shaft	1	C104	CK1H103ZAFFNN	Ceram 0.01μ Z 50V	1
31	14124459398000	Rubber Friction	1	D101	F49572000	DI MPG06B-G3	1
32	13425101337010	Spring	1	D102	F49572000	DI MPG06B-G3	1
33	A49669000	Plate	1	D103	F49572000	DI MPG06B-G3	1
34	D49521000	Plate PU Fix	1	D104	F49572000	DI MPG06B-G3	1
35	E49540000	Spring	1	D105	F49572000	DI MPG06B-G3	1
36	D49666000	Plate SW	1	D106	F49572000	DI MPG06B-G3	1
37	D49683010	Arm, Return	1	D107	DZGZA12X---N	ZD GZA-12X-BT	1
38	A49664000	Arm, Lead in	1				
39	A49898000	Arm	1	Q101	T2SD330-E---N	TR 2SD330-E	1
40	14127439366000	Arm, IFC Knob	1	or	T2SD330-F---N	TR 2SD330-F	1
41	D48855000	Arm, Cabinet (Cue)	1	R101	RDB4700JPBANA	Carbon 470 JA 1/4W	1
42	13424120196000	Lever	1	R102	RDB4700JPBANA	Carbon 470 JA 1/4W	1
43	14127419987000	Lever, Start	1	R103	RDB1501JPBANA	Carbon 1.5K JA 1/4W	1
44	14127439497000	Trigger Arm	1	R104	RDB1202JPBANA	Carbon 12K JA 1/4W	1
45	14128519600000	Spring, Plate	1	R105	RDB2002JPBANA	Carbon 20K JA 1/4W	1
46	13424106270000	Shaft	1	R106	RDB5601JPBANA	Carbon 5.6K JA 1/4W	1
47	14128529295000	Spring, Lever Size Assy	1	R107	RDB1001JPBANA	Carbon 1K JA 1/4W	1
48	14128529297000	Spring, Start Lever	1	R108	RDB1501JPBANA	Carbon 1.5K JA 1/4W	1
49	E49979000	Spring	1	R109	RDB1000JPBANA	Carbon 100 JA 1/4W	1
50	E49902000	Spring, IFC	1				
				VR01	42222010000	Semi Fixed 5KB	1
51	E49949000	Spring Rod, Stop	1	VR02	42222021200	Semi Fixed 30KB	1
52	E49950000	Spring Rod, Cueing	1				
53	E49951000	Spring Rod, Start	1	J1	30031000220000	TNW 0.6	1
54	E49952000	Spring, Stop	1				
55	14128559140000	Spring, Start	1	73	C32327200	PC Assy, Speed Control	1
56	42319762000	SW Push 0	1	73-1	F32328200	PCB	1
57	D48866000	Spacer	1	73-2	7533000160KOKO	TWS UL1007 AWG24 BK	1
58	D49884000	Arm Lifter	1				
59	E49868000	Spring, Arm Lifter	1	CN03	13129800010250	Jumper 2P	1
60	D49909000	Cushion, Arm Lifter	1	VR301	F50064000	VR 2KB	1
61	D20451030	Turntable	1				

EXPLODED VIEW

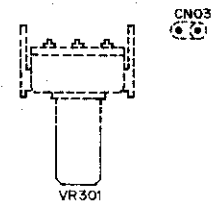
Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
74	C32327300	PC Assy, LED	1		141 63219001000	Patching Sheet, Cabinet	1
74-1	F32328300	PCB	1		141 63219008000	Patching Sheet, Cord	1
					141 64559040350	Serial No. Sheet	2
CN01	13129800010250	Jumper 2P	1		131 62719104010	Bag Fan	1
D201	DLSLH-38VC--N	LED SLH-38VC	1		K50027000	Name Plate (EUR)	1
D202	DLSLH-38VC--N	LED SLH-38VC	1		K50027010	Name Plate (AUS)	1
					H48494000	Stylus Position Gauge	1
75	C32327400	PC Assy, Speed SW	1		H32183830	Owner's Manual (EUR)	1
75-1	F32328400	PCB	1		H32183890	Owner's Manual (AUS)	1
CN04	13129800010290	Jumper 3P	1		H32101010	Warranty Card (AUS only)	1
					H32211000	Card (AUS only)	1
S401	F31706000	Push SW	1	200	13124201195010	SCR BRZ TPG-B, +M3×8	11
				201	13124201195020	SCR BRZ TPG-B, +M3×10	3
76	C49928100	PC Assy, Power	1	202	13124201195030	SCR BRZ TPG-B, +M3×12	3
76-1	F49877000	PCB	1	203	13124201252050	SCR SEMS BRZ TPG-B, +M3×10	12
76-2	F49480120	Jumper 2P	1	204	13124201282020	SCR SEMS BRZ TPG-B, +M3×10	6
				205	13124201283000	SCR SEMS BRZ TPG-B, +M3×10	6
				206	R49319000	SCR W/SEMS PAN TPG-2, +M3×12	1
77	13426302116010	Belt	1	207	13124202283000	SCR BRZ TPG-B, +M3×10	1
78	C48614000	Turntable Shaft Assy	1	208	SFBAN30080SY-	SCR BRZ TPG-B, +M3×8	8
79	13425205120000	Cushion, PU Lead ~ Cabinet	1	209	SFBDN208R0SM-	SCR BIN TPG-B, +M2×8	1
80	F49480130	Jumper 2P	1	210	13124203830030	Washer, φ3×10×1	1
81	73630902600505	TWS UL1536 AWG28	2				
82	13123608141000	Cramp Wire	2	211	SWZ321000R5SE	Washer, φ3.2×10×0.5	2
83	13425202118000	Rubber Cushion, Motor	3	212	SWZ321301R0SE	Washer, φ3.2×13×1	1
84	42262043500	PCB, Phono	1	213	SWZ458R00R3SE	Washer, φ4.5×8×0.3	1
				214	SWK421200R5SE	Washer, φ4.2×12×0.5	1
	H32304010	Carton Box (EUR)	1	215	14124569085000	Wave Washer	1
	H32304040	Carton Box (AUS)	1	216	SECRET05SE----	Ring E, φ2	1
	D21168000	Pad, Front	1	217	SECRET30SE----	Ring E, φ3	2
	D21169000	Pad, Rear	1	218	13124220105020	Ring Snap, φ2.8×8×0.25	3
	H48896040	Pad, Turntable Sheet	1	219	SM2PN30120SE-	SCR PAN TPG-2, +M3×12	1
	13163009194000	Pad, Pickup	1	220	SN2H230SE----	Hexagon Nut, φ3	1
	14162519163900	Polyethylene-Bag	1				
	14162519164900	Polyethylene-Bag	1	221	13124203197020	Toothed Washer, φ3	1
	14162519165900	Polyethylene-Bag	2	222	13424201136000	Screw	2
	14162519229900	Polyethylene-Bag	1	223	SFBAN306R0SE-	SCR BRZ TPG-B, +M3×6 (Plate Heat Sink)	1
	14162519220900	Poly Cover, Turntable Sheet	1				

POWER SUPPLY P.C.BOARD
(BOTTOM VIEW)

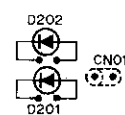
72-1 Control PCB



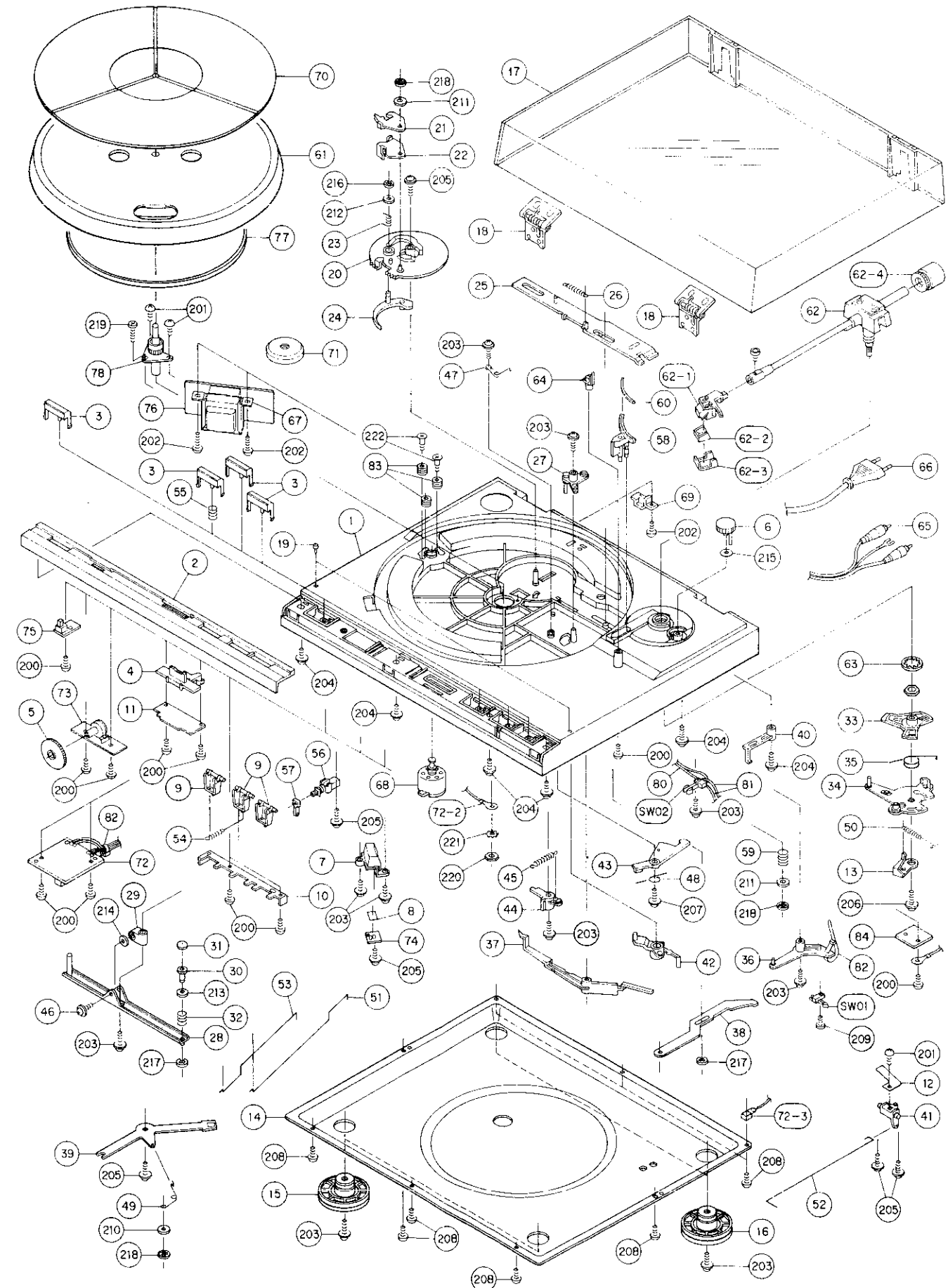
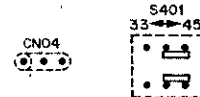
73-1 Speed Control PCB



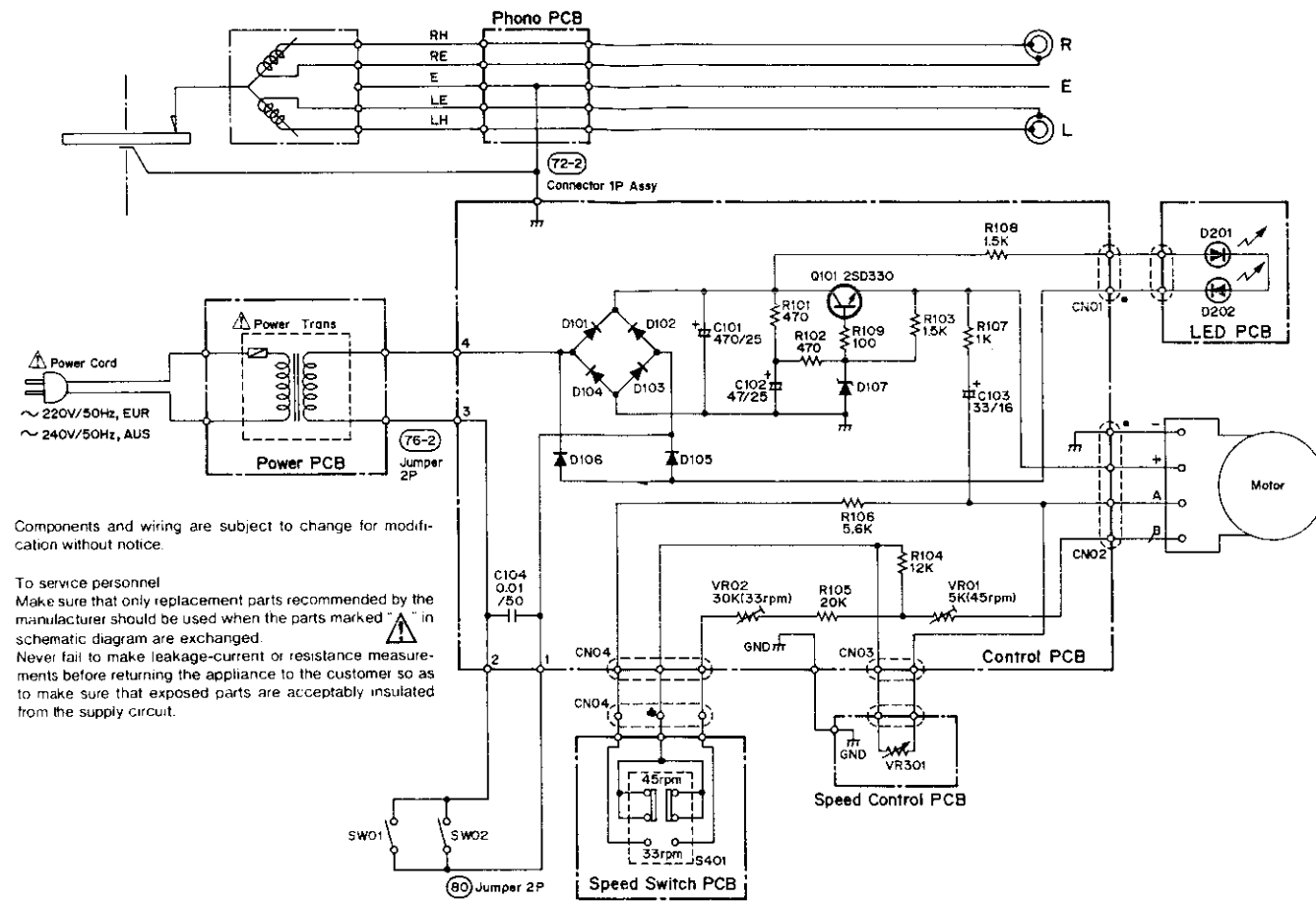
74-1 LED PCB



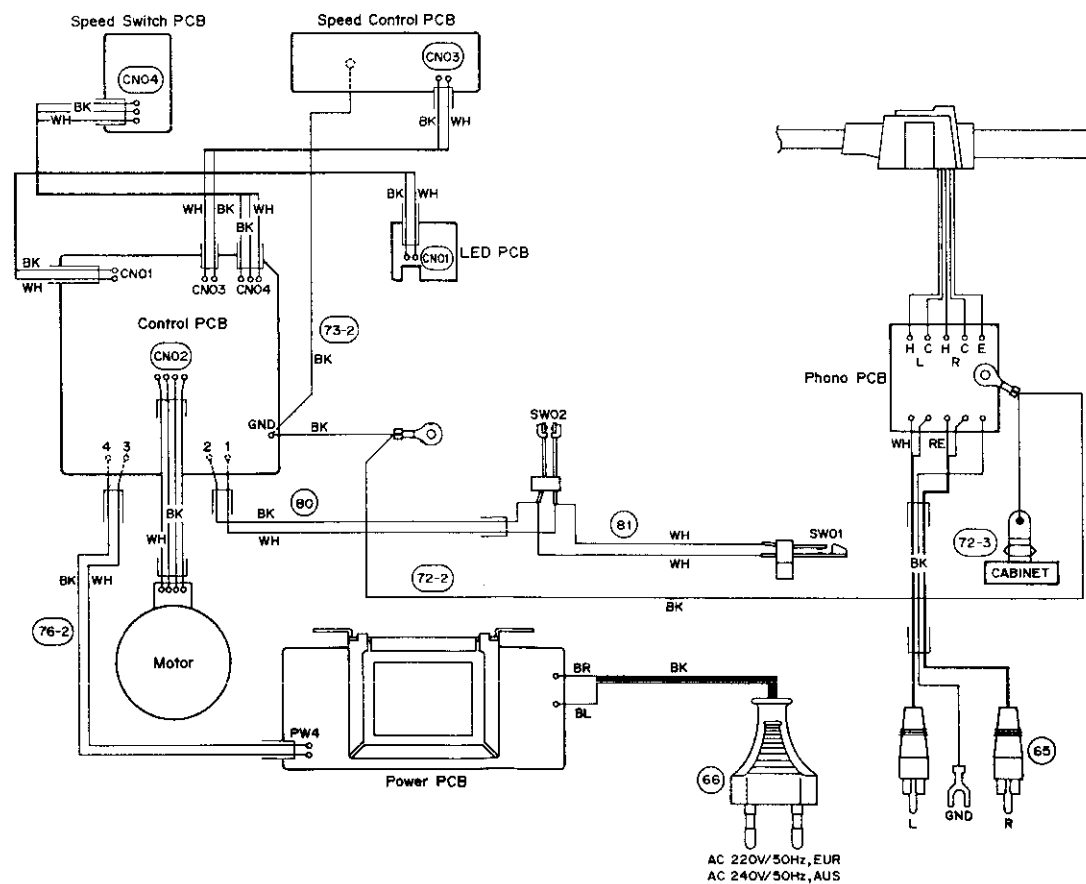
75-1 Speed Switch PCB



SCHEMATIC DIAGRAM



WIRING DIAGRAM



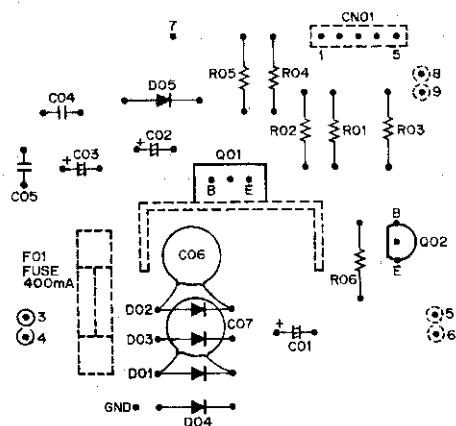
PARTS LIST

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
1	D10109020	Cabinet	1	61	D20989000	Turntable	1
2	D21165010	Panel Front	1	62	C31923500	Pickup Assy	1
3	D32321000	Knob, Speed/Play/Cut/Cue	4	62-1	F32305010	Cartridge	1
4	D32322000	Knob, Size	1	62-2	F49944010	Stylus	1
6	D48883070	Knob, IFC	1	62-3	D49239000	Retainer Needle	1
9	D32292000	Hinge, Knob	3	62-4	C50038000	Weight Assy	1
10	A49900000	Plate	1				
11	A49899000	Plate, Slide Knob	1	63	13124203202000	Toothed Washer	1
12	A48856000	Plate, Cue	1	64	C48506000	Arm Rest Assy	1
13	A49901000	Plate, IFC	1	65	F32259000	Wire Shield Assy	1
14	A10114000	Plate Bottom	1	66	Δ 42432000710	Power Cord	1
15	C50058000	Leg Assy	2	67	Δ F49931400	Power Trans	1
16	C50058010	Leg Assy	2	68	C49940000	Motor Assy	1
17	D21152020	Dust Cover	1	69	13123608168000	Cramp Wire, Power Cord	1
18	K47869020	Hinge Assy	2	70	D32141000	Turntable Sheet	1
19	13122904134010	Pad, Dust Cover	2				
20	13424110115000	Gear Cycling	1	71	D49759000	45 Adaptor	1
21	13424122121000	Trip	1	SW01	F49716010	Leaf SW	1
22	13424122127000	Trip	1	SW02	43219785600	Leaf SW	1
23	14128559063000	Spring, Cam Drive Assy	1				
24	13406028110000	Cam Drive Assy	1	72	C32300000	PC Assy, Control	1
25	C49936000	Plate Assy	1	72-1	F32296000	PCB	1
26	E49252000	Spring	1	72-2	F50009020	Connector 1P Assy	1
27	D49673000	Lever Assy	1	72-3	F49999000	Lug Ground	1
28	D49746000	Seesaw Arm Assy	1	72-4	F49858000	Fuse Holder	2
29	D49724000	Bearing	1	or	4235201940	Fuse Holder	2
30	14127519765000	Shaft	1	72-5	7533090120K004	TWS UL1007 AWG24 WH	1
31	14124459398000	Rubber Friction	1	F01	F49033030	Fuse 400mA	1
32	13425101337010	Spring	1	CN01	42359771300	Connector 5P Assy	1
33	A49669000	Plate	1				
34	D49521000	Plate PU Fix	1	C01	CE1V471MDFANN	Elect 470 μ M 35V	1
35	E49540000	Spring	1	C02	CE1E101MDFALC	Elect 100 μ M 25V	1
36	D49666000	Plate SW	1	C03	CE1E101MDFALC	Elect 100 μ M 25V	1
37	D49683010	Arm, Return	1	C04	CK1H473ZAFFLC	Ceram 0.047 μ Z 50V	1
38	A49664000	Arm, Lead in	1	C05	CF1H473KADANN	Poly 0.047 μ K 50V	1
39	A49898000	Arm	1	C06	CK1H473ZAFFNN	Cream 0.047 μ Z 50V	1
40	14127439366000	Arm, IFC Knob	1	C07	CK1H473ZAFFNN	Cream 0.047 μ Z 50V	1
41	D48855000	Arm, Cabinet (Cue)	1	D01	F49572000	DI MPG06B-G3	1
42	13424120196000	Lever	1	D02	F49572000	DI MPG06B-G3	1
43	14127419987000	Lever, Start	1	D03	F49572000	DI MPG06B-G3	1
44	14127439497000	Trigger Arm	1	D04	F49572000	DI MPG06B-G3	1
45	14128519600000	Spring, Plate	1	D05	DDZA20X-----A	ZD GZA-20X-BT	1
46	13424106270000	Shaft	1				
47	14128529295000	Spring, Lever Size Assy	1	Q01	T2SD330-E---N	TR 2SD330-E	1
48	14128529297000	Spring, Start Lever	1	or	T2SD330-F---N	TR 2SD330-F	1
49	E49979000	Spring	1	Q02	T2SC536-E-NPC	TR 2SC536-E-NP	1
50	E49902000	Spring, IFC	1	or	T2SC536-F-NPC	TR 2SC536-F-NP	1
51	E49949000	Spring Rod, Stop	1	R01	RDB4700JPBANA	Carbon 470 JA 1/4W	1
52	E49950000	Spring Rod, Cueing	1	R02	RDB4700JPBANA	Carbon 470 JA 1/4W	1
53	E49951000	Spring Rod, Start	1	R03	RDB3301JPBANA	Carbon 3.3K JA 1/4W	1
54	E49952000	Spring, Stop	1	R04	RDB1002JPBANA	Carbon 10K JA 1/4W	1
55	14128559140000	Spring, Start	1	R05	RDB1002JPBANA	Carbon 10K JA 1/4W	1
56	42319762000	SW Push 0	1	R06	RDB2201JPBANA	Carbon 2.2K JA 1/4W	1
57	D48866000	Spacer	1				
58	D49884000	Arm Lifter	1				
59	E49868000	Spring, Arm Lifter	1				
60	D49909000	Cushion, Arm Lifter	1				

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
74	C32300200	PC Assy, LED	1		14163219001000	Patching Sheet, Cabinet	1
74-1	F32296200	PCB	1		14163219008000	Patching Sheet, Cord	1
74-2	13129800010250	Jumper 2P	1		14164559040350	Serial No. Sheet	2
D21	DLSLC-26VR3FN	LED SLC-26VR 3F	1		13162719104010	Bag Fan	1
75	C32300100	PC Assy, Speed	1		K50028000	Name Plate	1
75-1	F32296100	PCB	1		H48494000	Stylus Position Gauge	1
75-2	13129800010400	Jumper 2P	1		H32183840	Owner's Manual	1
S11	F31706000	Push SW	1	200	13124201195010	SCR BRZ TPG-B, +M3×8	10
76	C49928100	PC Assy, Power	1	201	13124201195020	SCR BRZ TPG-B, +M3×10	1
76-1	F49877000	PCB	1	202	13124201195030	SCR BRZ TPG-B, +M3×12	3
76-2	F49480120	Jumper 2P	1	203	13124201252050	SCR SEMS BRZ TPG-B, +M3×10	13
79	13425205120000	Cushion, PU Lead ~ Cabinet	1	204	13124201282020	SCR SEMS BRZ TPG-B, +M3×10	6
80	F49480130	Jumper 2P	1	205	13124201283000	SCR SEMS BRZ TPG-B, +M3×10	6
81	73630902600505	TWS UL1536 AWG28	2	206	R49319000	SCR W/SEMS PAN TPG-2, +M3×12	1
82	13123608141000	Cramp Wire	2	208	SFBAN30080SY-	SCR BRZ TPG-B, +M3×8	8
84	42262043500	PCB, Phono	1	209	SFBDN208R0SM-	SCR BIN TPG-B, +M2×8	1
				210	13124203830030	Washer, $\phi 3 \times 10 \times 1$	1
	H32304020	Carton Box	1	211	SWZ321000R5SE	Washer, $\phi 3.2 \times 10 \times 0.5$	2
	D21168000	Pad, Front	1	212	SWZ321301R0SE	Washer, $\phi 3.2 \times 13 \times 1$	1
	D21169000	Pad, Rear	1	213	SWZ458R00R3SE	Washer, $\phi 4.5 \times 8 \times 0.3$	1
	H48896040	Pad, Turntable Sheet	1	214	SWK421200R5SE	Washer, $\phi 4.2 \times 12 \times 0.5$	1
	13163009194000	Pad, Pickup	1	215	14124569085000	Wave Washer	1
	14162519163900	Polyethylene-Bag	1	216	SCRET20SE----	Ring E, $\phi 2$	1
	14162519164900	Polyethylene-Bag	1	217	SCRET30SE----	Ring E, $\phi 3$	2
	14162519165900	Polyethylene-Bag	2	218	13124220105020	Ring Snap, $\phi 2.8 \times 8 \times 0.25$	3
	14162519229900	Polyethylene-Bag	1				
	14162519220900	Poly Cover, Turntable Sheet	1	223	SFBAN306R0SE-	SCR BRZ TPG-B, +M3×6 (Plate Heat Sink)	1

POWER SUPPLY P.C.BOARD (BOTTOM VIEW)

72-1 Control PCB



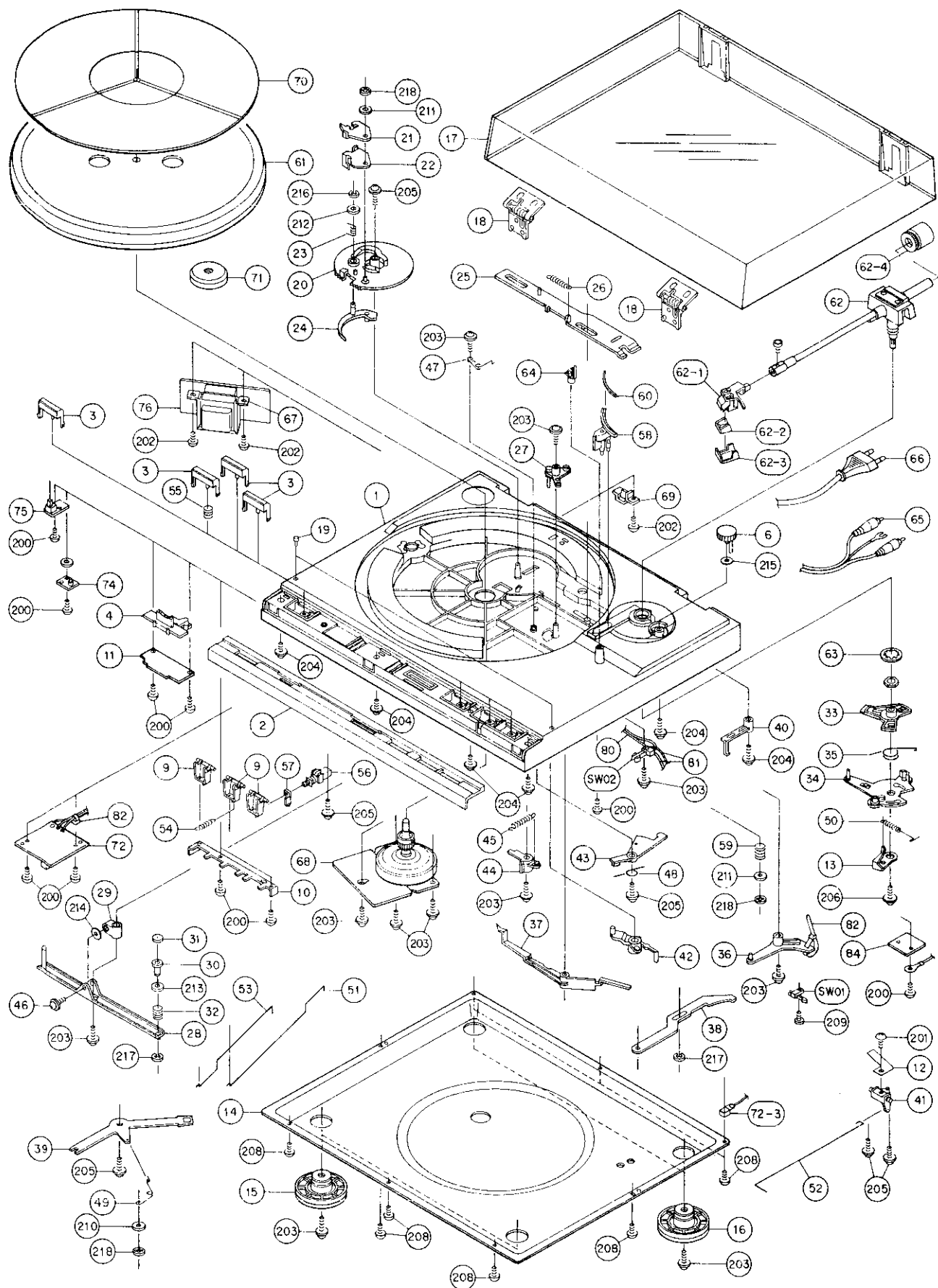
74-1 LED PCB



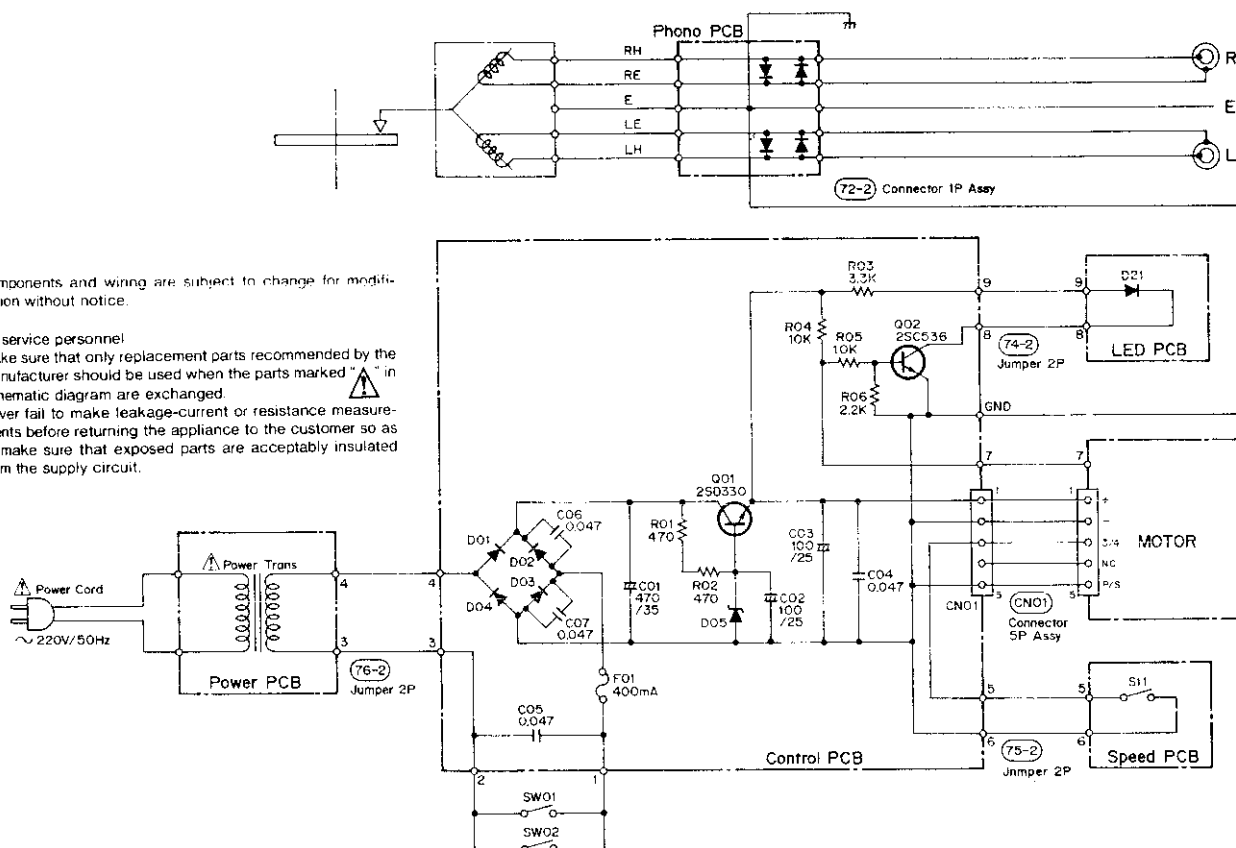
75-1 Speed Switch PCB



EXPLODED VIEW



SCHEMATIC DIAGRAM



WIRING DIAGRAM

