

CDP-555ESD /705ESD

SERVICE MANUAL



CDP-555ESD:
AEP Model
UK Model

CDP-705ESD:
US Model

COMPACT
disc
DIGITAL AUDIO

SPECIFICATIONS

COMPACT DISC PLAYER CDP-705ESD

System	Compact disc digital audio system
Disc	Compact disc
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$)
Laser output	Max. 0.4 mW*
	*This output is the value measured at a distance of about 1.6 mm from the objective lens surface on the Optical Pick-up Block.
Spindle speed	200 rpm to 500 rpm (CLV)
Scan velocity	1.2–1.4 m/sec.
Error correction	Sony Super Strategy Cross Interleave Reed Solomon Code
Number of channel	Two
D/A conversion	16-bit linear
Frequency response	2 – 20,000 Hz $\pm 0.3 \text{ dB}$
Signal to noise ratio	More than 106 dB
Dynamic range	More than 97 dB
Harmonic distortion	Less than 0.0025% (1 kHz)
Channel separation	More than 100 dB (1 kHz)
Wow and flutter	Below measurable limit
Output jacks	

Disc	
Track pitch	1.6 μm
Sampling frequency	44.1 kHz
Quantization	16 bit linear quantizing/channel
Modulation system	EFM
Transfer rate	2.03 Mbit/sec. (before modulation)

General

Power requirements	120V AC, 60 Hz
Power consumption	20 W
Power requirements	CDP-555ESD (AEP, UK model) 220 – 240 V AC, 50 Hz CDP-705ESD (US model) 120 V AC, 60 Hz
Dimensions	Approx. 430 × 125 × 395 mm (w/h/d) (17 × 5 × 15 $\frac{5}{8}$ inches)
Weight	Approx. 14.1 kg (31 lb 1 oz), net

	Max. output level	Load impedance	Output impedance
LINE OUT (FIXED) phono jacks	2 V (50 k Ω)	More than 10 k Ω	200 Ω
LINE OUT (VARIABLE) phono jacks	0 – 2 Vrms (50 k Ω)	More than 30 k Ω	200 – 2.5 k Ω
DIGITAL OUT phono jack	0.5 Vp-p (75 Ω)	75 Ω	75 Ω
HEADPHONES Phone jack	28 mW Variable, max	32 Ω	—

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK Δ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.



COMPACT DISC PLAYER
SONY



CDP-555ESD/705ESD

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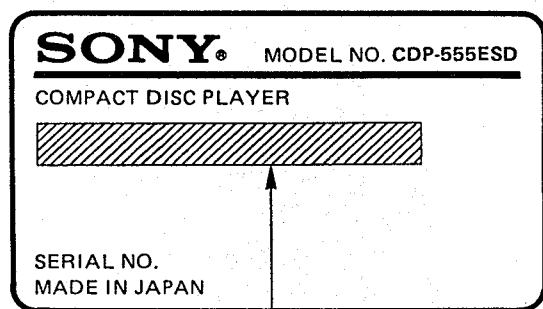
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MODEL IDENTIFICATION

—Specification Label—

CDP-555ESD (AEP, UK, E model)

CDP-705ESD (US model)



CDP-555ESD

AEP, UK, E model: AC 220 – 240 V ~ 50/60 Hz 20 W

CDP-705ESD

US model: AC 120 V ~ 60 Hz 20 W

SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

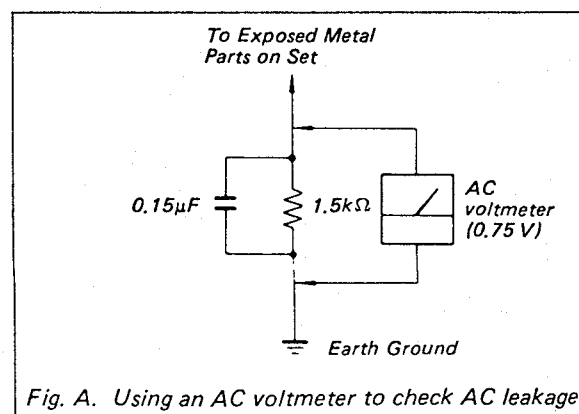


Fig. A. Using an AC voltmeter to check AC leakage.

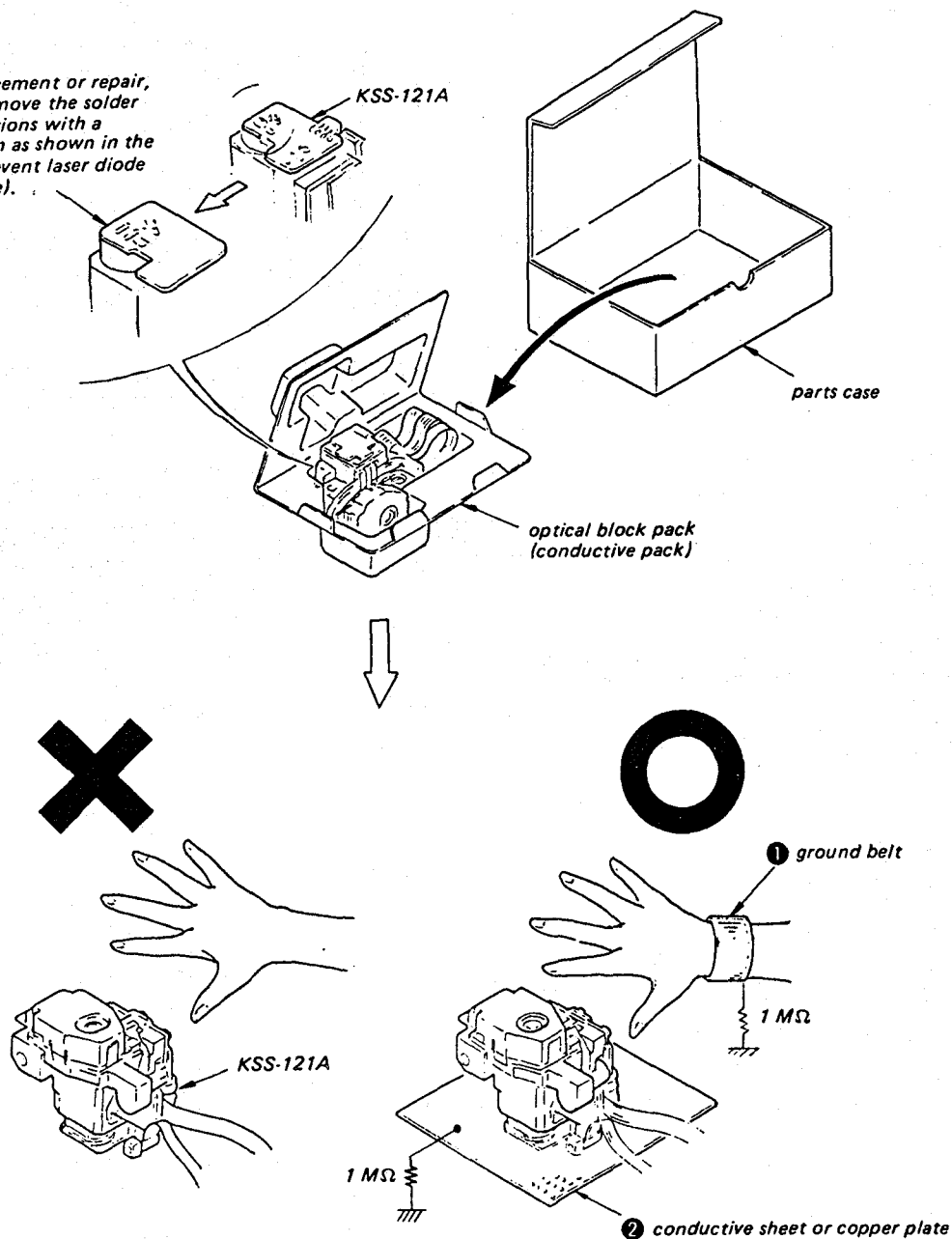
NOTES ON HANDLING THE OPTICAL BLOCK (KSS-121A)

The laser diode inside the optical block may be damaged by static electricity in clothes or the human body.

The following procedures are required when unpacking and repairing KSS-121A in order to avoid static electricity damage.

1. Body grounding
Be sure to wear a ground belt (less than $10^8 \Omega$) in order to release the static electricity stored in the body.
2. Workbench grounding
Place a conductive sheet (less than $10^9 \Omega$) or copper plate on the bench where KSS-121A is to be placed to ground it.
3. Static electricity in the clothing will not be released by the ground belt, so be careful not to let KSS-121A touch clothing.

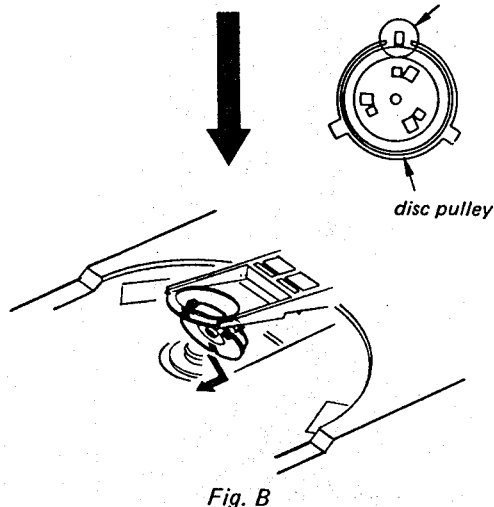
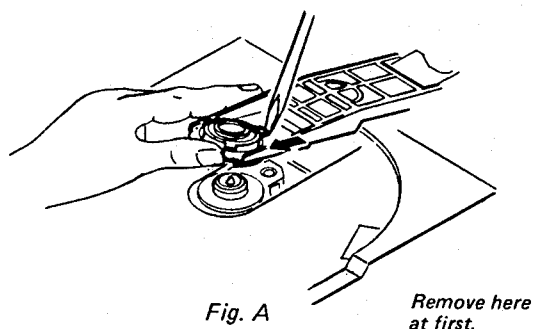
During replacement or repair, be sure to remove the solder at these locations with a soldering iron as shown in the figure (to prevent laser diode static damage).



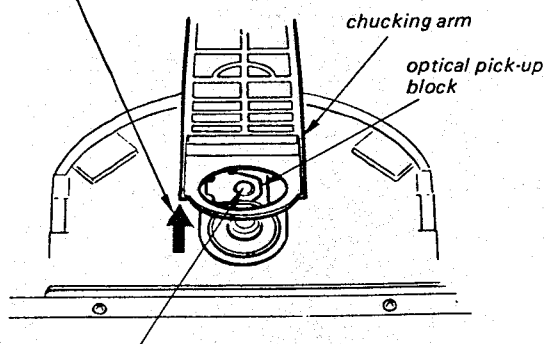
— SERVICING NOTE —

LASER DIODE AND FOCUS SEARCH OPERATION CHECK

1. Remove disc pulley by lifting up chucking arm by hand. (Fig. A, B)
2. Make POWER switch on with no disc inserted and disc table closed.
3. Confirm that the operation indicated in Fig. C is performed while observing the objecting lens.



Lift up chucking arm by hand in the direction of arrow.



- ① Confirm that laser beam is spread.
- ② Up and down motion of the objective lens. (3 times)

Fig. C

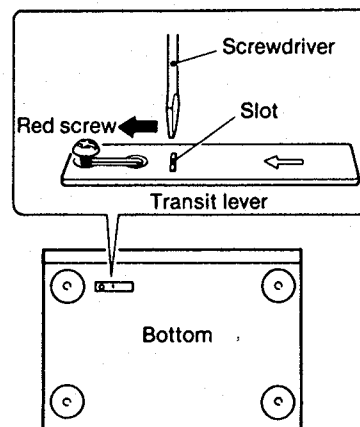
NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe more than 25 cm away from the objective lens.

NOTE ON THE TRANSIT LEVER

A transit lever is provided at the bottom of the unit to protect the optical system against shock during transportation. Before operating the CD player, be sure to move the lever in the direction of the arrow and secure it.

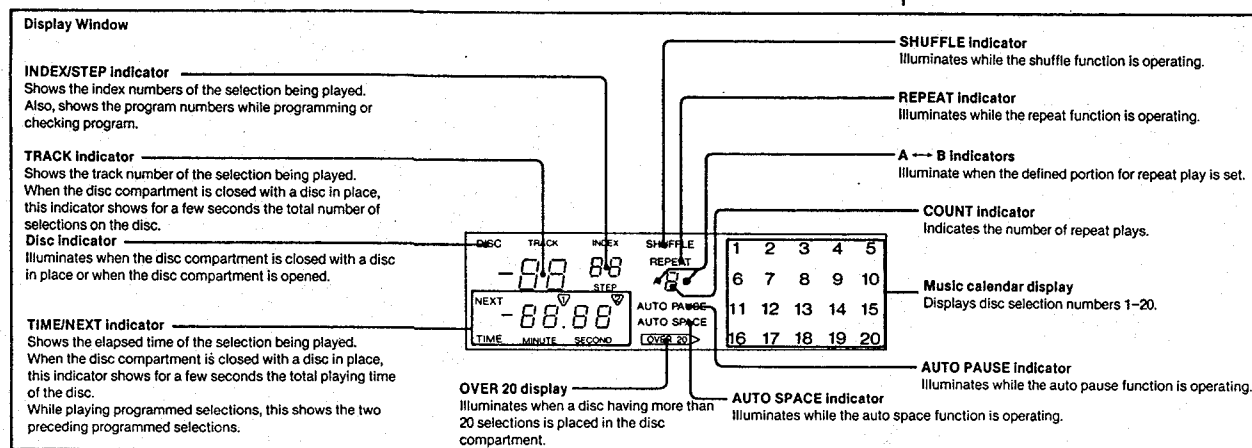
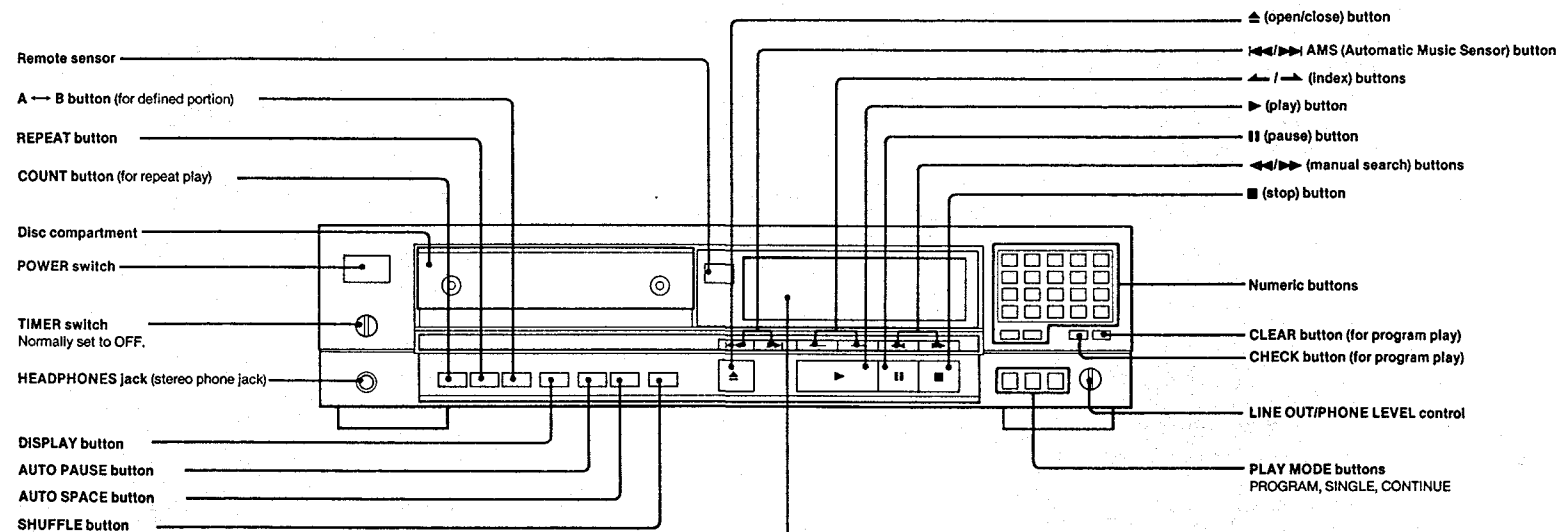
- 1 Loosen the red screw with a screwdriver.
- 2 Insert the screwdriver into the slot in the lever and move it in the direction of the arrow until it stops.
- 3 Tighten the red screw.



When transporting the unit again, move the lever in the opposite direction of the arrow and secure it with the screw.

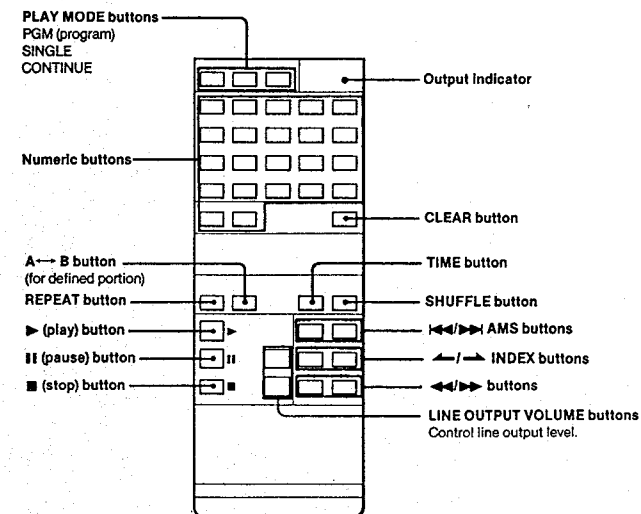
LOCATION OF CONTROLS

DISC PLAYER






REMOTE COMMANDER

Buttons whose functions are the same as the CDP-705ESD.

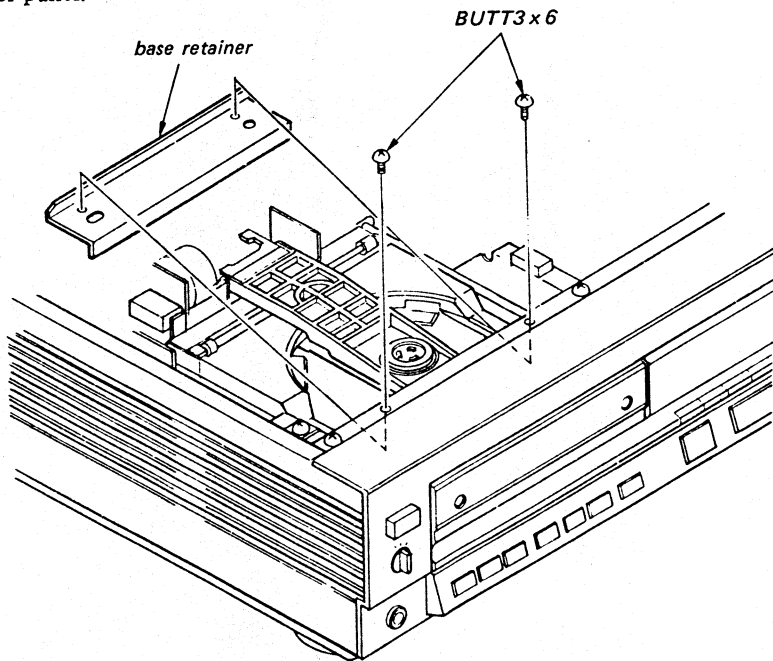


TROUBLE CHECKS

The following checks will assist in the correction of most problems which you may encounter with your unit. Should any problem persist after you have made these checks, consult your nearest Sony service facility. Before going through the check list below, first refer back to the connection and operating procedures.

TROUBLE	CAUSES	REMEDY
The disc compartment does not close when a disc is inserted and the  button is pressed.	The disc is not placed correctly.	Center the disc correctly in the disc compartment.
Play does not start.	Dirty disc	Clean the disc.
	The disc is inserted with the label surface downward.	Place the disc with the label surface up.
	The  button is engaged.	Press the  button again to release it.
	Moisture condensation	Wait for approx. one hour after turning on the unit then start play.
Sound is not heard.	Loose connection	Connect the cords firmly.
	The DIGITAL OUT switch is set to ON while using the LINE OUT jacks.	Set the DIGITAL OUT switch to OFF.
	The LINE OUT/PHONE LEVEL control is set to the minimum (0) while using the VARIABLE LINE OUT jacks.	Turn the LINE OUT/PHONE LEVEL control clockwise.
Display window does not illuminate even when the power turns on.	The AC power cord is disconnected.	Connect the AC power cord firmly.
Play begins when the POWER switch is turned on.	The TIMER switch is set to PLAY or SHUFFLE.	Set the TIMER switch to OFF.
Level of the recorded sound is different from that set on the tape recorder.	When the VARIABLE LINE OUT jacks are used, the LINE OUT/PHONE LEVEL control is turned while recording.	Do not turn the LINE OUT/PHONE LEVEL control while recording.

- **Note on removal**
 First of all remove the base retainer when remove the front base retainer panel.



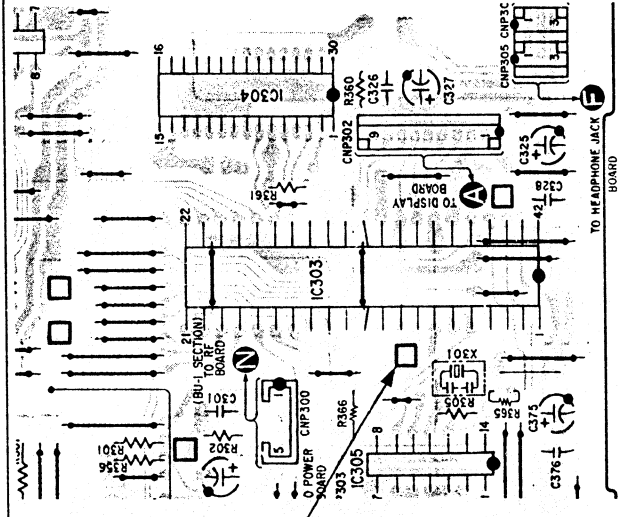
ELECTRICAL ADJUSTMENTS

1. Perform adjustments in the order given.
2. Use YEDS-1 disc unless otherwise indicated.
3. Use the oscilloscope with more than 10 MΩ impedance.

Adjustment Mode

1. Connect main board test point ADJ and GND.
This is to prevent the disc table from opening even though pits are not read, by making micro-computer IC303 pin 0 low.
2. Turn POWER switch on.
(To reset microcomputer.)
After adjustment, remove the lead wire connecting test points ADJ and GND.


Adjustment Location: main board



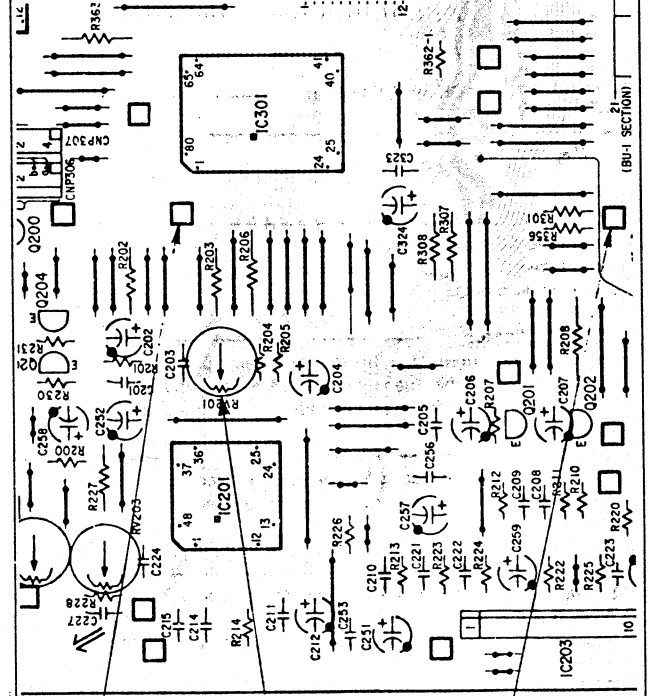
test point adjustment
(This test point connecting with GND).

RF PLL Adjustment

Procedure:

1. Connect main board test point ASY and GND.
2. Connect the frequency counter to main board test points TP PLCK and TP GND.
3. Turn POWER switch ON (stop mode).
4. Adjust main board RV201 so that reading on frequency counter is 4.4018 MHz ±20 kHz.
5. Reconnect lead wires connected in adjustment mode.
6. Put disc (YEDS-18) in and press  PLAY button.
7. Confirm that reading on frequency counter is 4.3218 MHz.

Adjustment Location: main board



TP PLCK RV201 TP ASSY

REFERENCE

Focus/Tracking Gain Adjustment

A frequency response analyzer is necessary in order to perform this adjustment exactly.

However, this gain has a margin, so even if it is slightly off, there is no problem. Therefore, do not perform this adjustment.

Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechanical shock when the 2-axis device operate.

However, as these reciprocate, the adjustment is at the point where both are satisfied.

- When gain is raised, the noise when the 2-axis device operates increases.
- When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.
- When gain adjustment is off, the symptoms below appear.

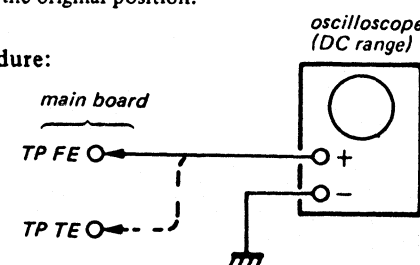
Symptoms \ Gain	Focus	Tracking
<ul style="list-style-type: none"> The time until music starts becomes longer for STOP → ▷PLAY or automatic selection (◀▶ buttons pressed. (Normally takes about 2 seconds.) 	low	low or high
<ul style="list-style-type: none"> Music does not start and disc continues to rotate for STOP → ▷PLAY or automatic selection (◀▶ buttons pressed.) 	—	low
<ul style="list-style-type: none"> Disc table opens shortly after STOP → ▷PLAY. 	low or high	—
<ul style="list-style-type: none"> Sound is interrupted during PLAY. Or time counter display stops progressing. 	—	low
<ul style="list-style-type: none"> More poise during 2-axis device operation. 	high	high

The following is a simple adjustment method.

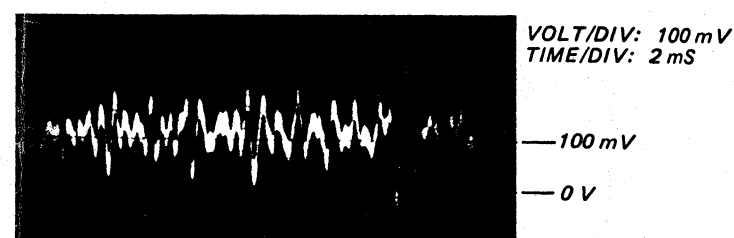
Simple Adjustment

Note: Since exact adjustment cannot be performed, remember the positions of the controls before performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.

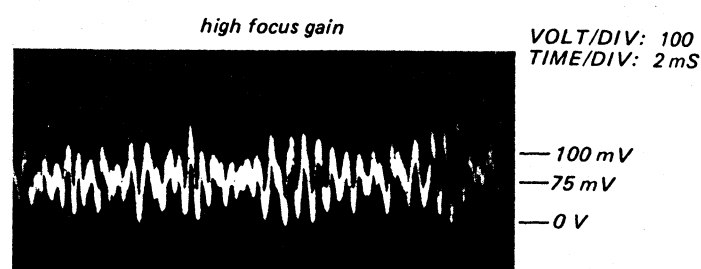
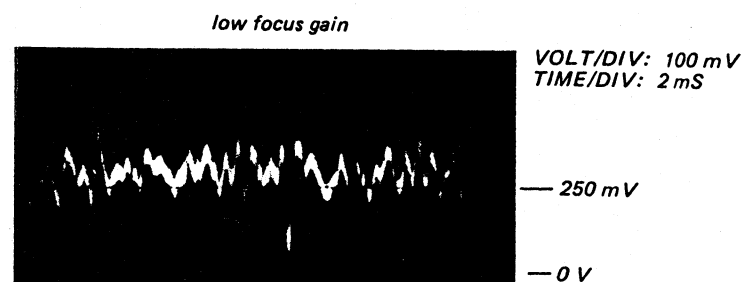
Procedure:



- Keep the set horizontal.
If the set is not horizontal, this adjustment cannot be performed due to the gravity against the 2 axis device.
- Put set in adjustment mode. (See page 13.)
- Insert disc (YEDS-1) and press ▷PLAY button.
- Connect oscilloscope to servo board TP FE.
- Adjustment RV203 so that the waveform is as shown in the figure below. (focus gain adjustment)

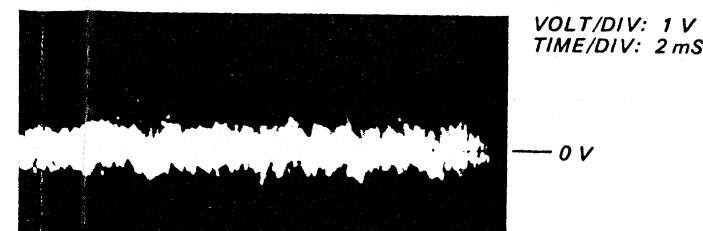


- Incorrect Examples (DC level changes more than on adjusted waveform)

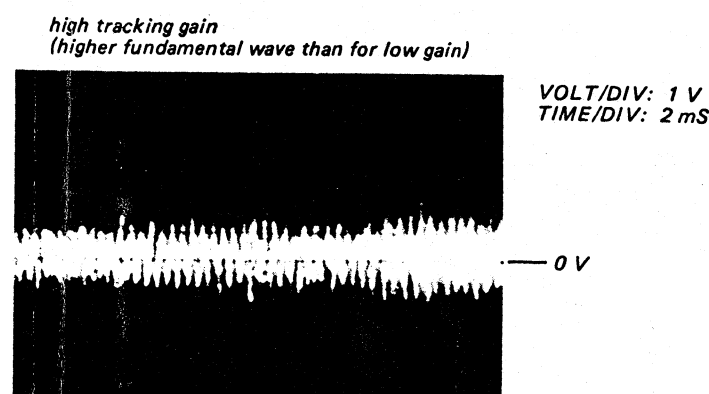
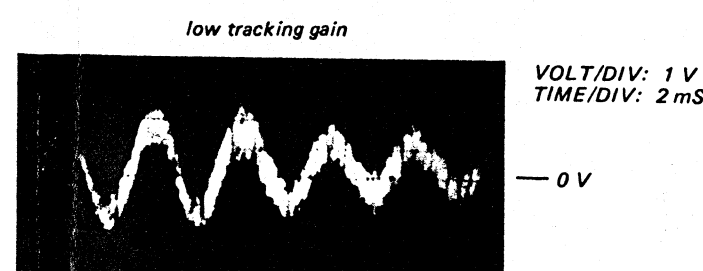


- Connect oscilloscope to main board TP TE.

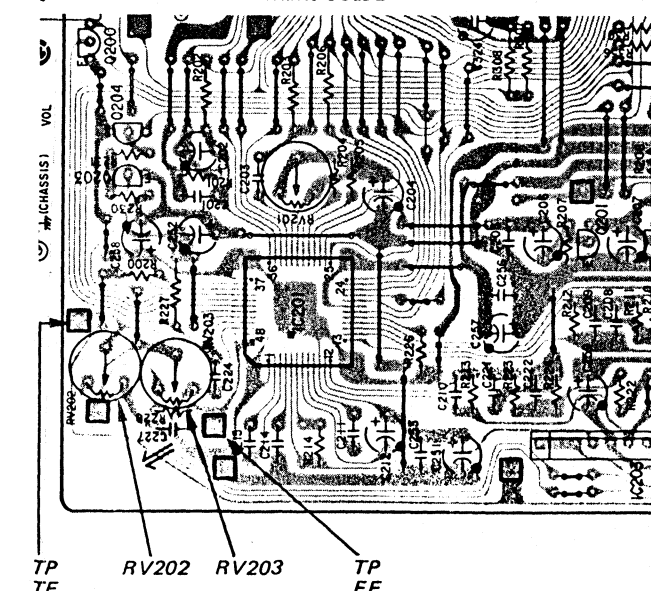
- Adjust RV304 so that the waveform is as shown in the figure below. (tracking gain adjustment)



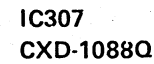
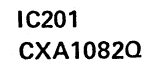
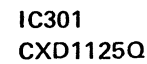
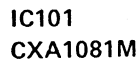
- Incorrect Examples (fundamental wave appears)



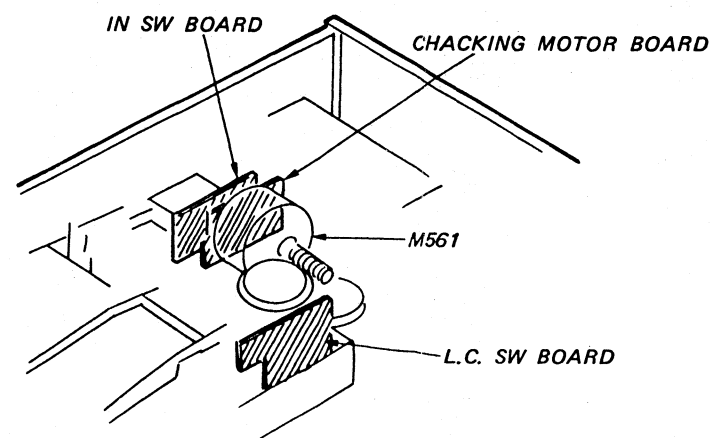
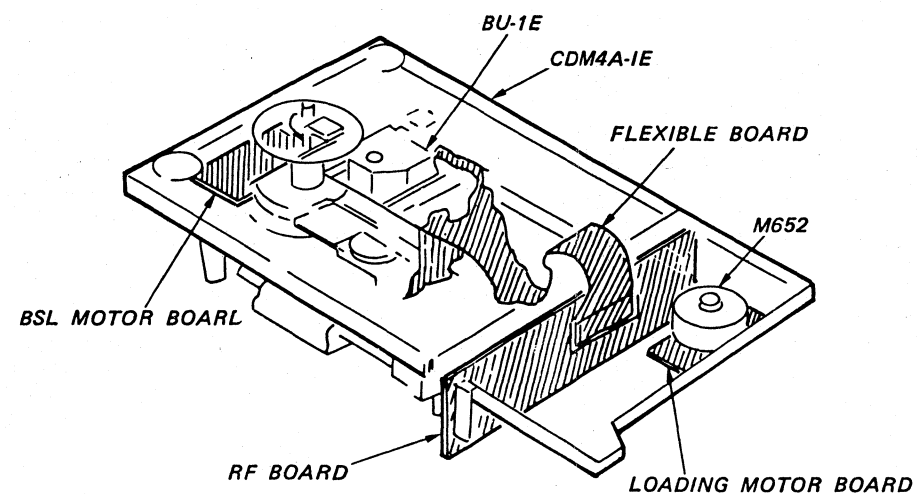
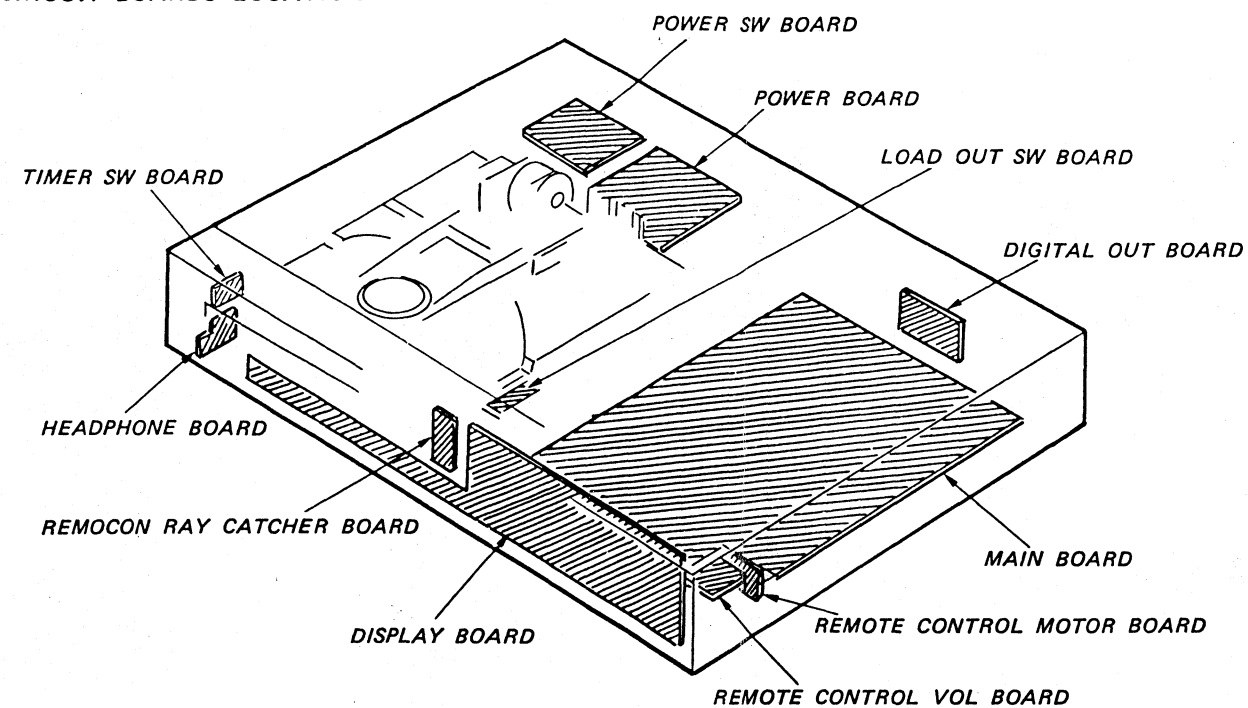
Adjustment Location: main board



IC BLOCK DIAGRAM



CIRCUIT BOARDS LOCATION



Semiconductor Lead Layouts

1SS119 1SS132 HZS30-2L HZS7C2L 	NJM5532D-D NE5534P 	TA7256P 	M5278L56
EQB01-08Q 21DQ05 	TC74HC02P TC74HC04P MC74HC74N 	NJM7805A μPC78M12H 	2SA985-P 2SC2275
10E2 11E2 10YD2.4A 10DF2 	M5240PS 	NJM7905A NJM79M12A 	
C10P20FUR 	TDA1541 	MSM5128-20GS 	
C10P20FU 	LC6523H-3201 	CXA1082Q 	
THS103A-1 	MSM6404A-174RS 	BX-1393 	
AY3638S VR3638S PG3422SY-1 	CXP5016H-178S 	2SA1048 2SC2458-Y DTA114ES DTC114ES 	
AA5534S EBG5534S 	CXD1088Q 	M54543L 	
	MCA11G2 	CXD1125Q 	
	2SA1138 2SB734 2SC2676 2SD774 		

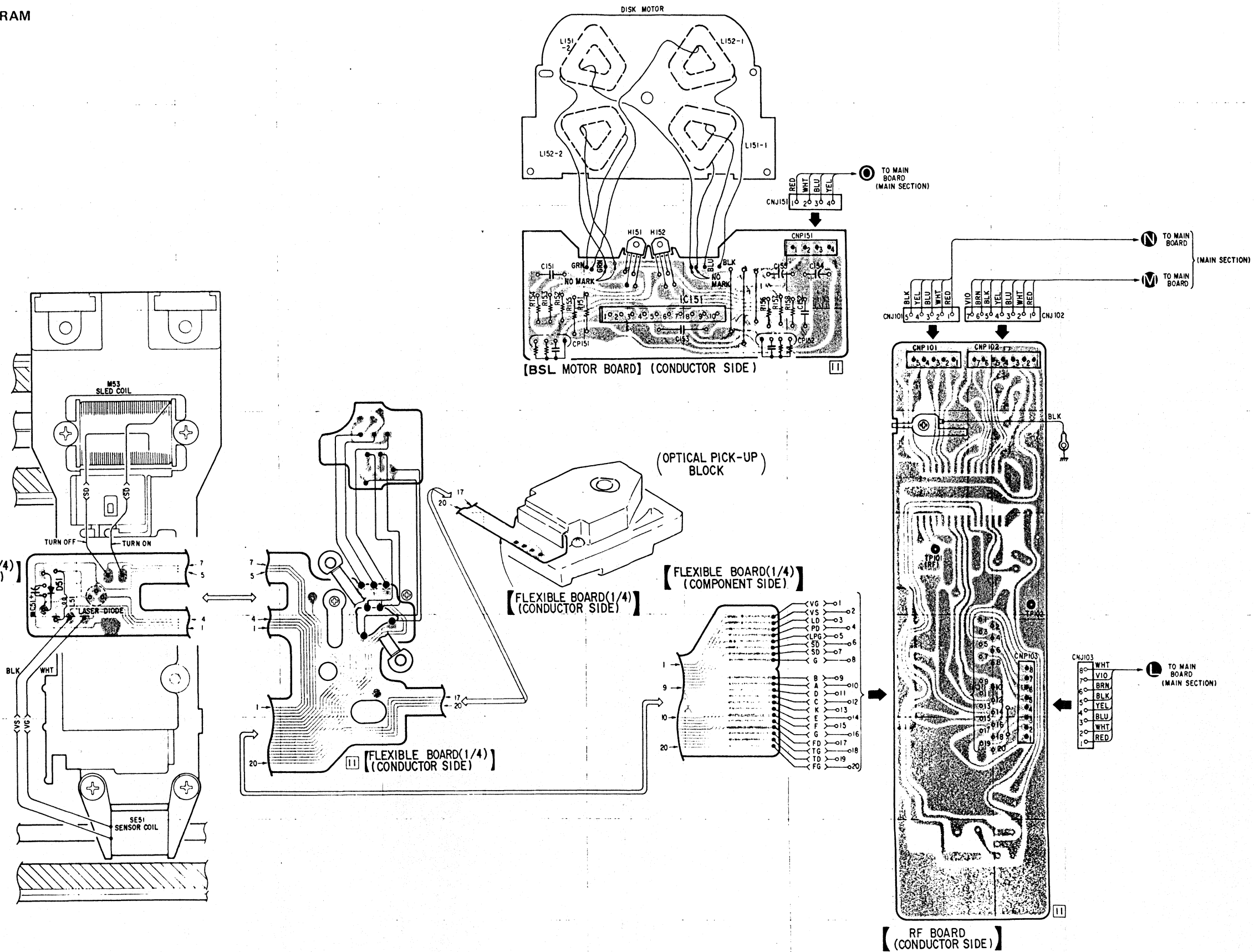
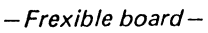
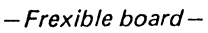
Note: SCHEMATIC DIAGRAM

- — : B+ bus.
- - - - : B- bus.
- □ : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with VOM (50 kΩ/V).
- Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with respect to ground with oscilloscope.
- Voltage variations may be noted due to normal production tolerances.

Switches:

Ref. No.	Switch	Position
S480	DIGITAL OUT	OFF
S651	LOAD IN DET	ON
S652	LOAD OUT DET	OFF
S653	MOTOR SELECT	CHUCKING MOTOR
S654	CHUCKING	ON
S700	1	OFF
S701	2	OFF
S702	3	OFF
S703	4	OFF
S704	5	OFF
S705	▶	OFF
S706	▲	OFF
S708	6	OFF
S709	7	OFF
S710	8	OFF
S711	9	OFF
S712	10	OFF
S713	■	OFF
S714	A ↔ B	OFF
S716	11	OFF
S717	12	OFF
S718	13	OFF
S719	14	OFF
S720	15	OFF
S721	■	OFF
S722	DISPLAY TIME/NEXT (PGM)	OFF
S724	16	OFF
S725	17	OFF
S726	18	OFF
S727	19	OFF
S728	20	OFF
S729	PROGRAM	OFF
S730	SHUFFLE	OFF
S732	+10	OFF
S733	0	OFF
S734	CHECK	OFF
S735	CLEAR	OFF
S736	CONTINUE	OFF
S737	SINGLE	OFF
S738	REPEAT	OFF
S739	COUNT	OFF
S740	AMS	OFF
S741	AMS	OFF
S742	INDEX	OFF
S743	INDEX	OFF
S744		OFF
S745		OFF
S746	AUTO PAUSE	OFF
S747	AUTO SPACE	OFF
S901	POWER	OFF

—Flexible board—

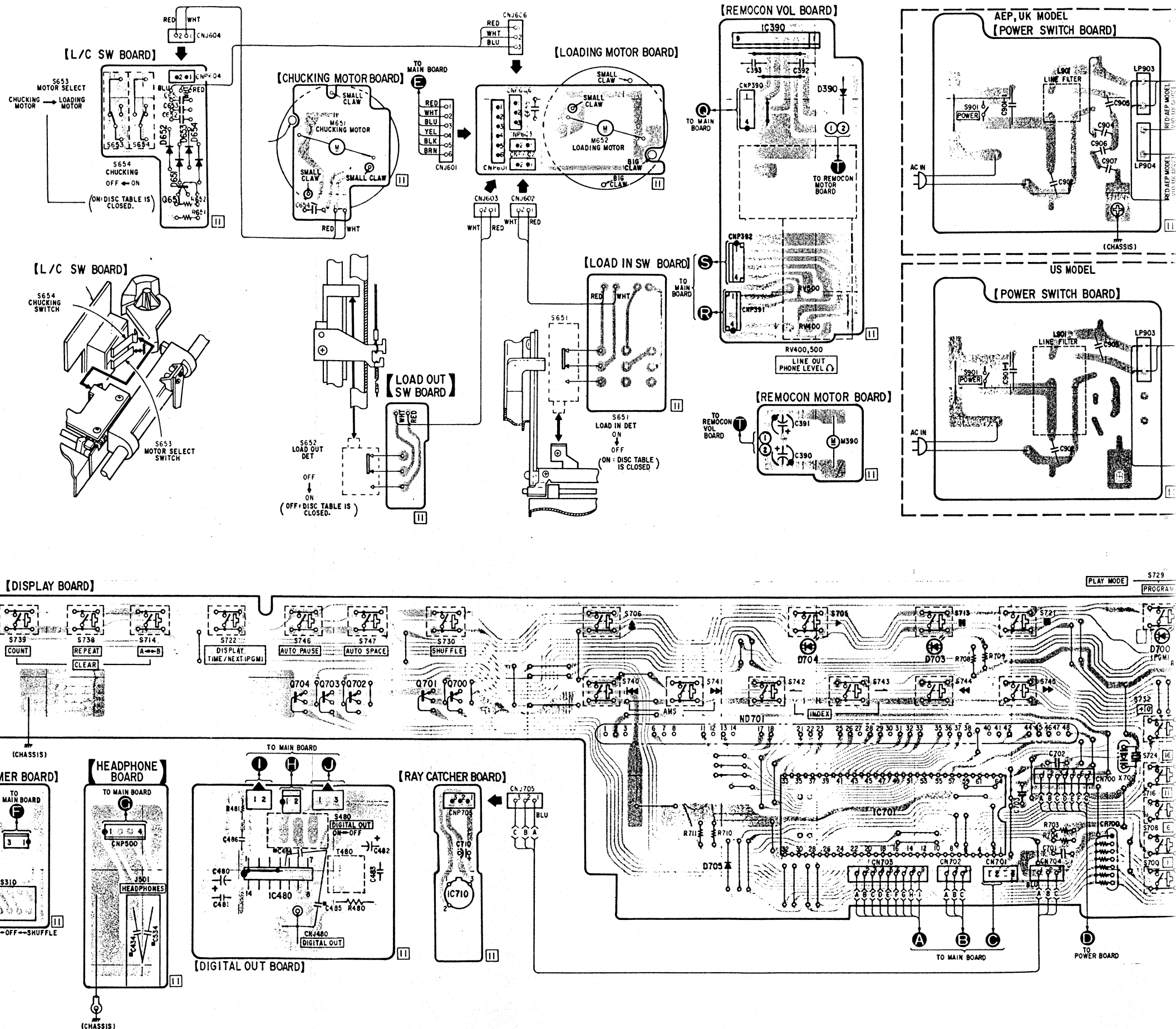


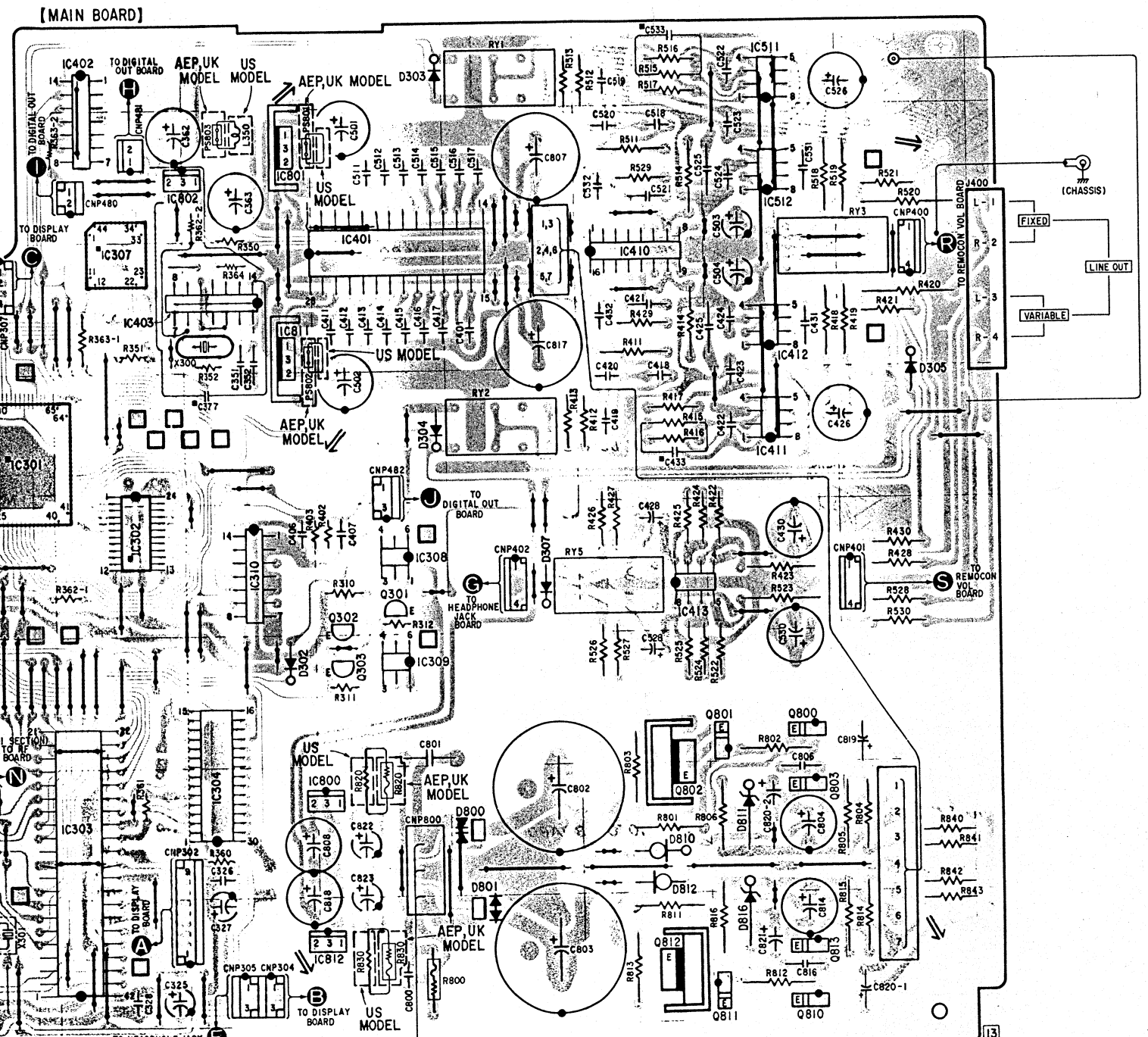
MOUNTING DIAGRAM

• SEMICONDUCTOR LOCATION

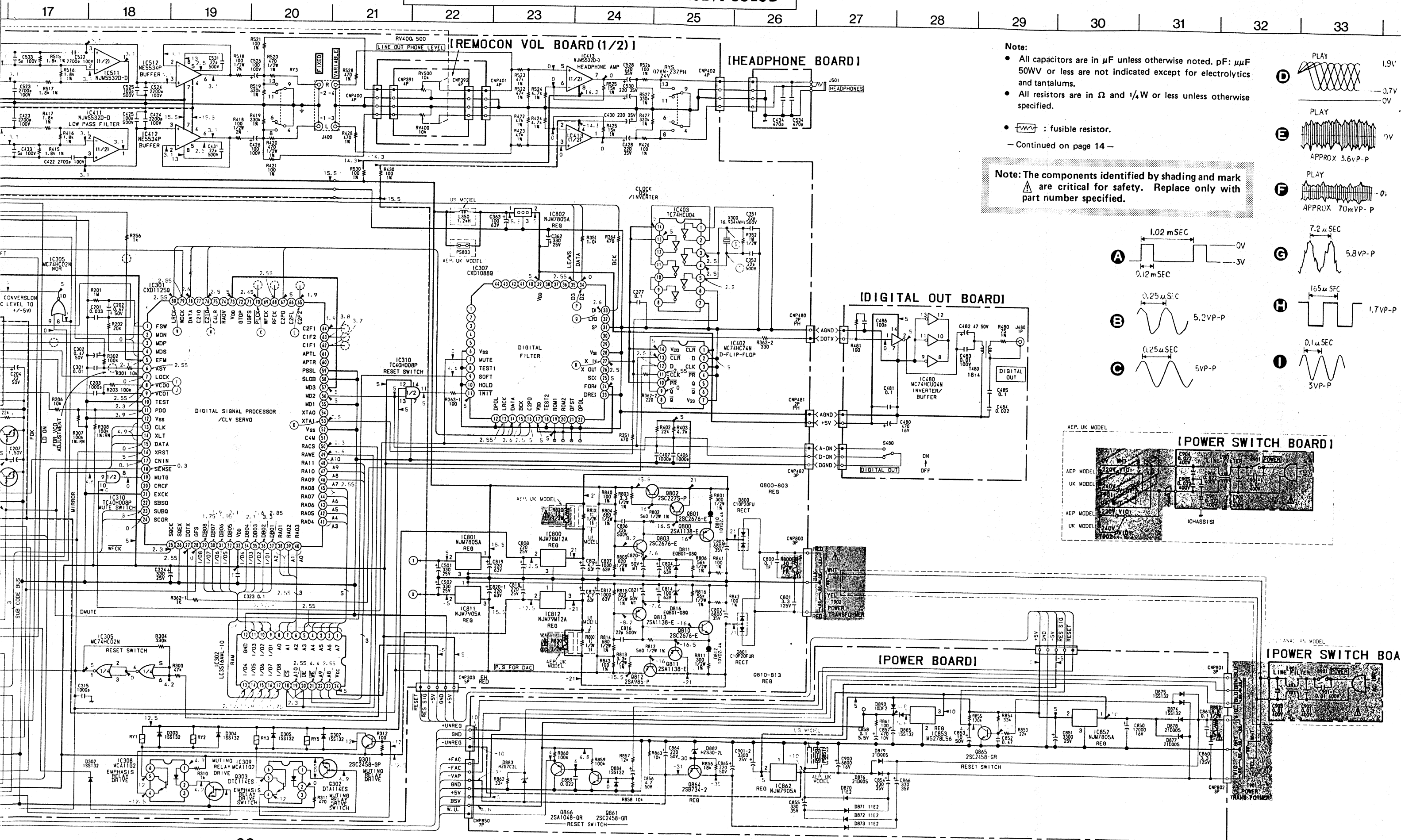
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D200	I-17	D885	D-17	IC812	J-22
D302	H-21	D890	D-18	IC852	C-17
D303	C-22			IC853	D-17
D304	F-22	IC201	F-17	IC862	C-17
D305	F-26	IC202	I-16		
D307	G-23	IC203	H-16	Q200	E-19
D390	A-10	IC301	F-19	Q201	H-18
D700	G-13	IC302	G-20	Q202	H-18
D701	G-14	IC303	J-20	Q203	E-18
D702	G-14	IC304	I-21	Q204	E-18
D703	G-11	IC305	I-19	Q301	G-22
D704	G-9	IC307	E-20	Q302	G-22
D705	I-8	IC308	G-22	Q303	H-22
D800	I-23	IC309	H-22	Q700	H-6
D801	J-23	IC310	G-21	Q701	H-5
D810	I-24	IC390	A-9	Q702	H-5
D811	I-25	IC401	E-22	Q703	H-4
D812	J-24	IC402	C-20	Q704	H-4
D816	J-25	IC403	E-21	Q800	H-25
D870	B-15	IC410	E-24	Q801	H-25
D871	B-16	IC411	F-25	Q802	I-24
D872	B-16	IC412	E-25	Q803	I-25
D873	B-17	IC413	G-24	Q810	K-25
D874	C-15	IC480	J-4	Q811	K-25
D875	C-15	IC511	C-25	Q812	J-24
D876	B-15	IC512	D-25	Q813	J-25
D877	B-15	IC700	I-10	Q861	D-16
D878	C-15	IC710	J-6	Q864	B-17
D879	C-15	IC800	I-22	Q865	C-15
D882	B-17	IC801	D-21	Q866	D-17
D883	B-18	IC802	D-21		
D884	D-16	IC811	E-21		

Note:
 • — : parts extracted from the conductor side.
 • ■ : part mounted on the conductor side.





CDP-555ESD/705ESD CDP-555ESD/705ESD



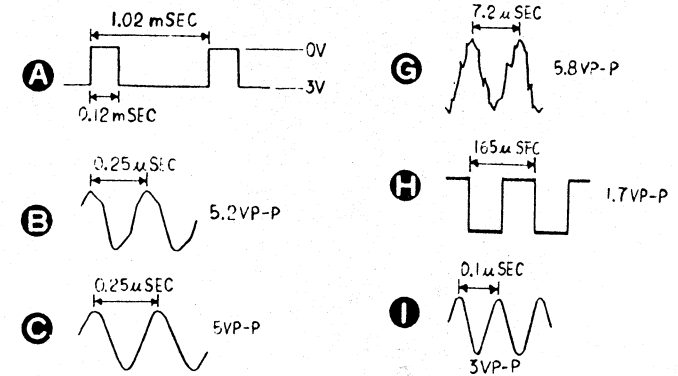
Note:

- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.

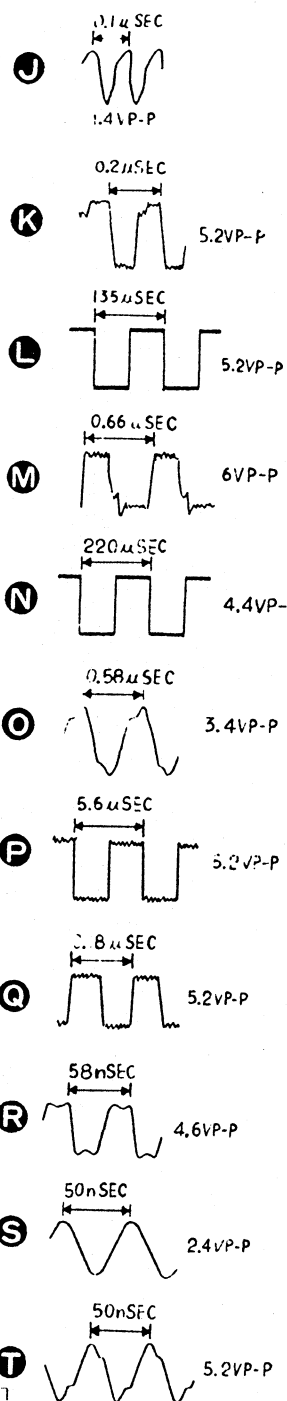
• : fusible resistor.

— Continued on page 14 —

Note: The components identified by shading and mark are critical for safety. Replace only with part number specified.



34 35 36



A
B
C
D
E
F
G
H
I
J

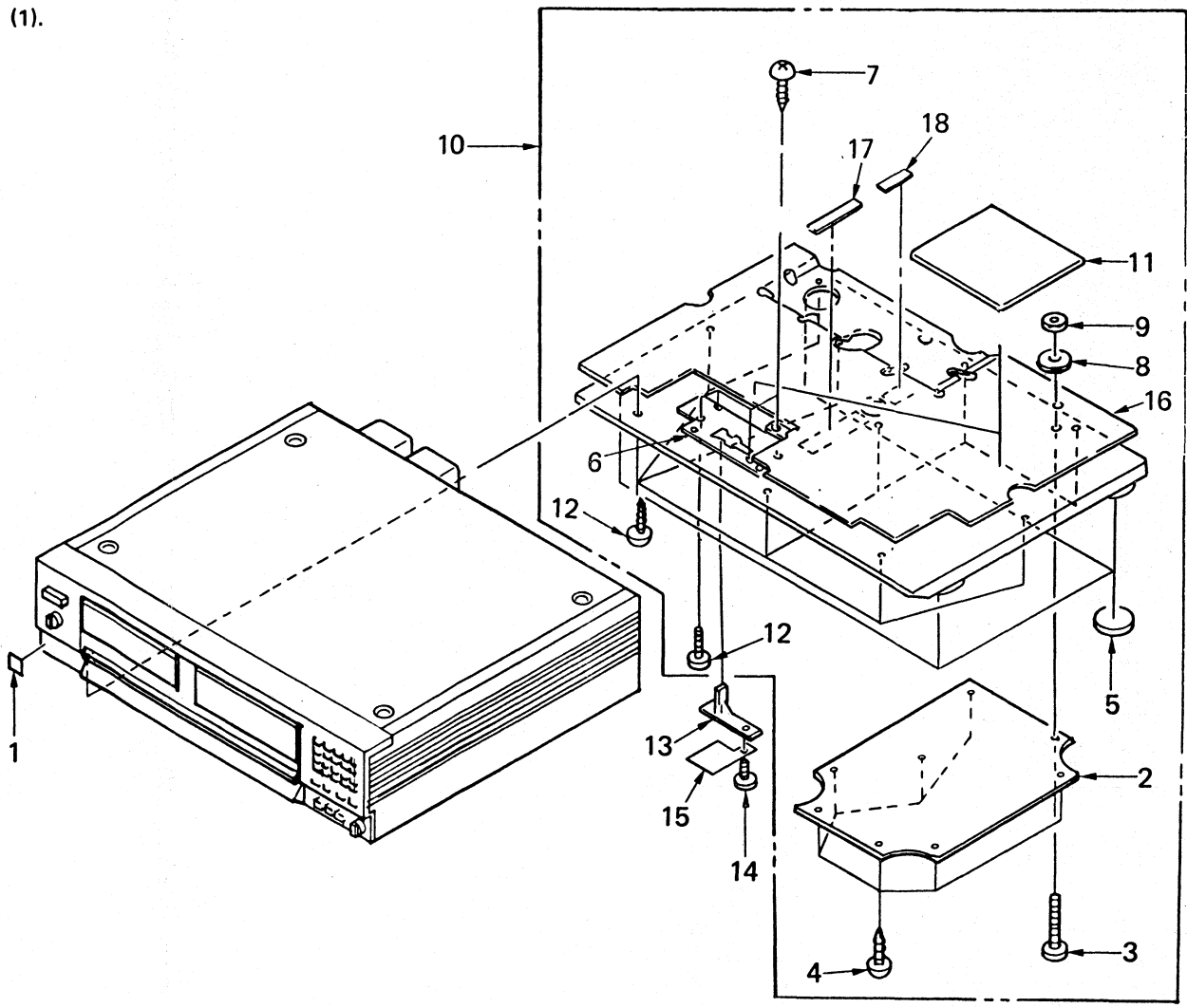
EXPLODED VIEWS AND PARTS LIST

NOTE:

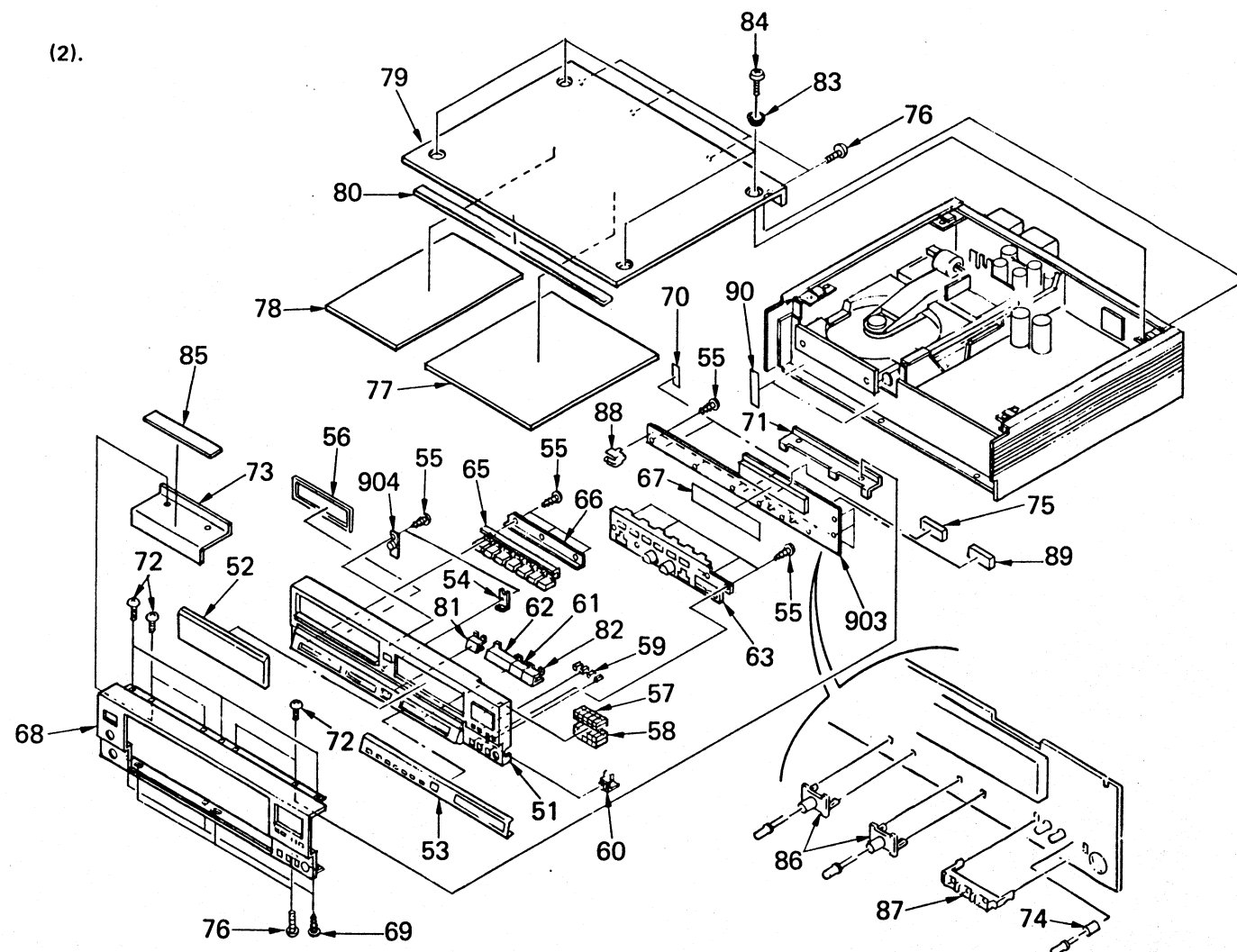
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Color Indication of Appearance Parts
Example: (RED) KNOB, BALANCE (WHITE)
- Cabinet's Color Parts' Color

The components identified by shading and mark are critical for safety. Replace only with part number specified.

(1).

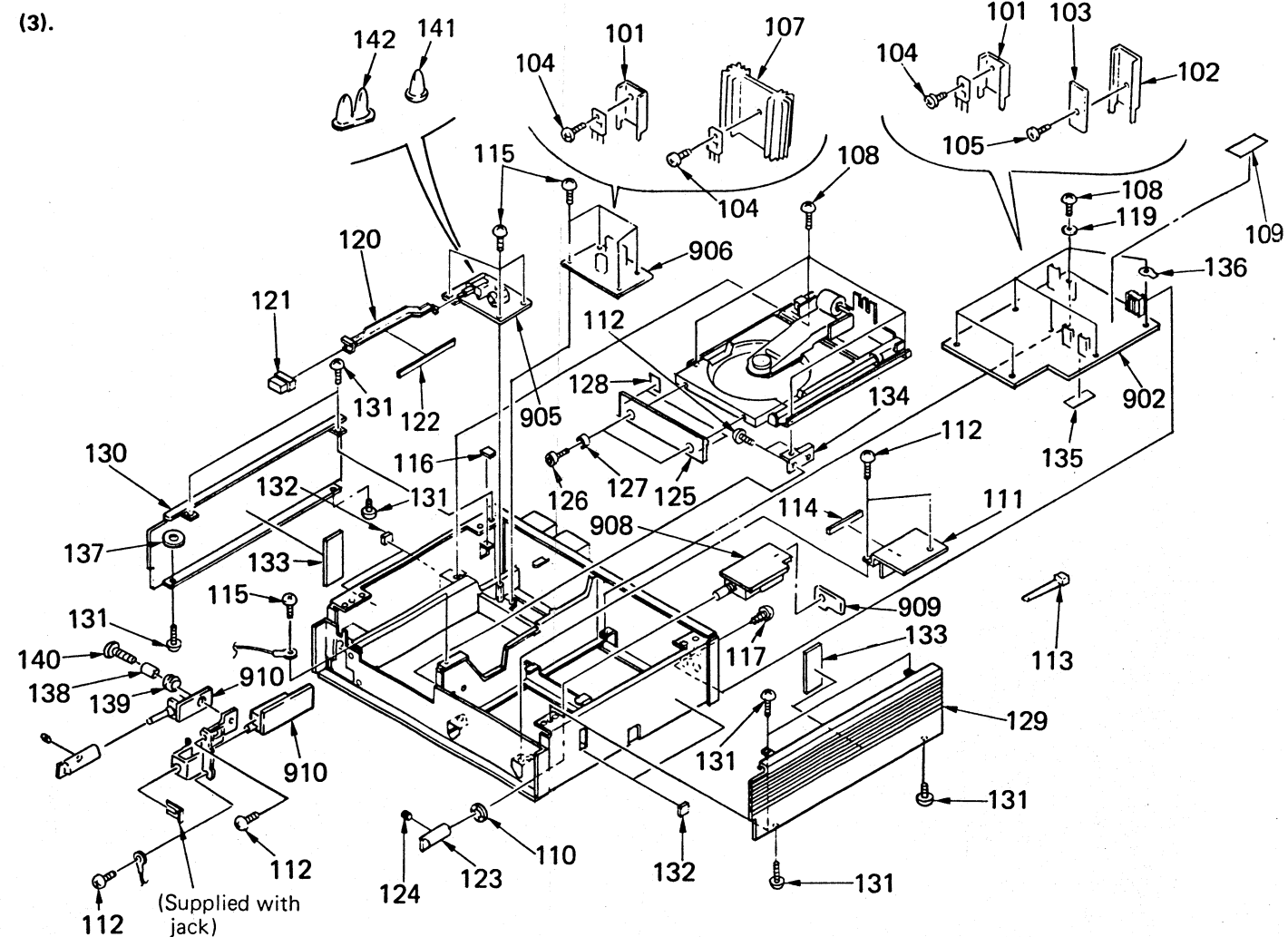


No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	3-703-710-41	STICKER, SONY SYMBOL (12)		10	*A-4675-207-A	CHASSIS ASSY, G	
2	*4-913-181-01	PLATE, BOTTOM, SHIELD		11	4-913-189-11	FELT (B), ACOUSTIC ABSORBENT	
3	7-682-153-09	SCREW +P 3X20		12	*4-919-203-01	SCREW (3.5X12), + BVTP	
4	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT		13	*4-913-155-01	LEVER (B), TRANSPORT LOCK	
5	4-913-178-01	FOOT (B)		14	3-323-470-01	SCREW (B3X6), (+ -)	
6	*4-913-180-01	PLATE, LOCK, TRANSPORT		16	4-919-216-01	PLATE (B), BOTTOM, SHIELD	
7	7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT		17	4-919-217-01	CUSHION (A)	
8	4-890-173-00	WASHER		18	4-919-218-01	CUSHION (B)	
9	7-684-023-04	N 3, TYPE 2					



No.	Part No.	Description
51	X-4908-930-1	BASE ASSY (B), PANEL
52	4-913-131-01	PLATE, TRANSPARENT
53	4-913-150-01	PANEL, CONTROL BUTTON
54	*4-913-136-01	BRACKET (A), PANEL
55	7-685-534-11	SCREW +BTP 2.6X8 TYPE2 N-S
56	*4-913-128-01	PLATE, SHIELD
57	4-912-950-21	BUTTON, 10 GANG
58	4-912-950-31	BUTTON, 10 GANG
59	4-912-949-01	BUTTON, 4 GANG
60	4-913-135-01	BUTTON, MODE
61	X-4908-922-1	BUTTON ASSY, PAUSE
62	X-4908-923-1	BUTTON ASSY, PLAY
63	*4-913-156-01	RETAINER, BUTTON
65	4-913-142-01	BUTTON, REPEAT
66	*4-913-132-01	RETAINER, BUTTON
67	*4-913-126-01	FILTER
68	X-4908-932-2	(US).....PANEL ASSY
	X-4908-934-1	(AEP/UK)....PANEL ASSY
69	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S
70	3-831-441-XX	CUSHION, SPEAKER
71	*4-913-147-01	RETAINER (A), BASE

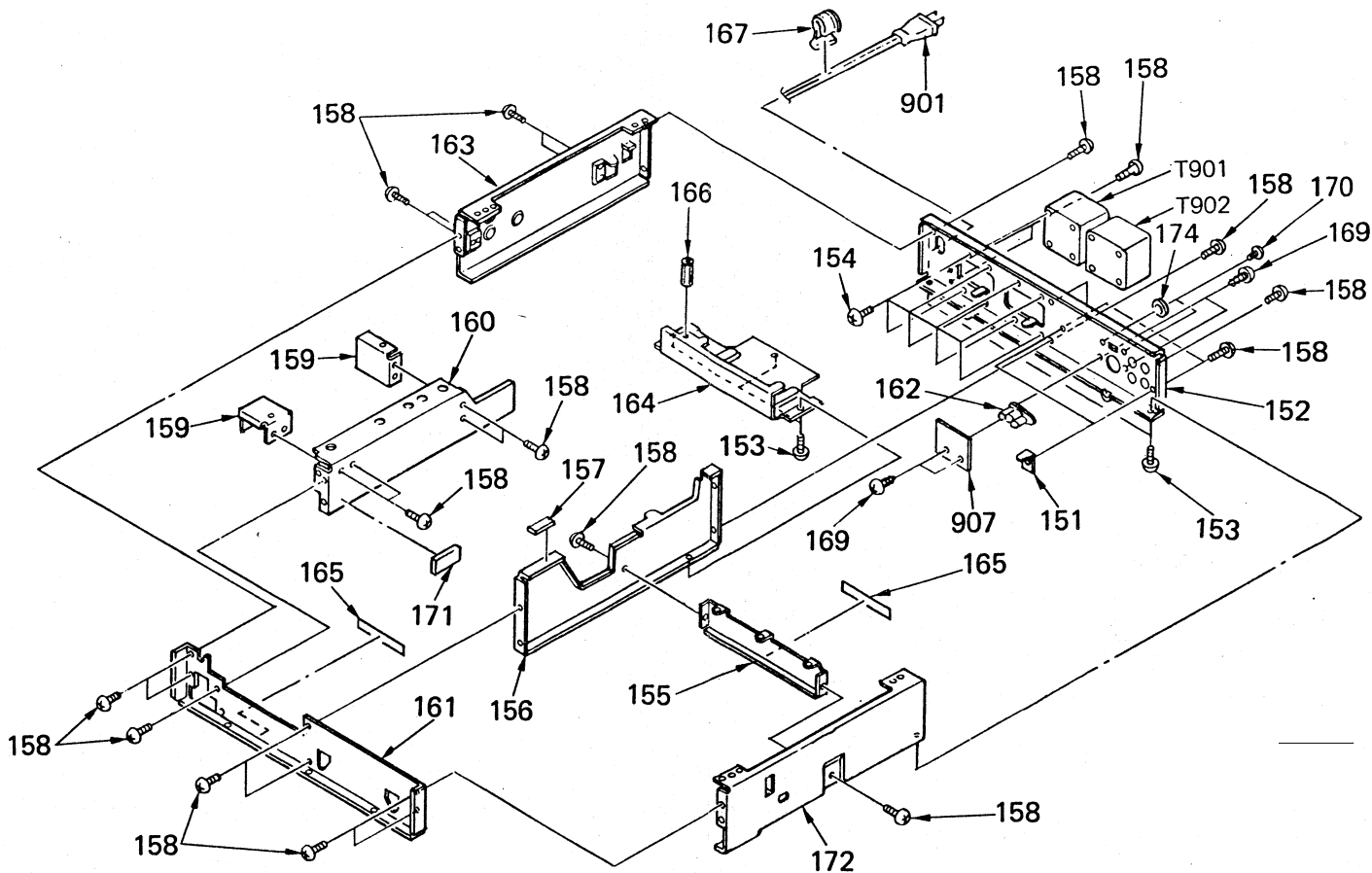
No.	Part No.	Description	Remarks
72	7-685-871-01	SCREW +BVT 3X6 (S)	
73	*4-913-146-01	RETAINER (B), BASE	
74	3-888-002-00	CUSHION, LED	
75	*3-324-837-01	CUSHION	
76	3-703-685-31	SCREW (+BV 3X8)	
77	4-913-192-11	FELT (A), ACOUSTIC ABSORBENT	
78	*4-913-188-01	FELT (C), ACOUSTIC ABSORBENT	
79	4-913-173-01	PLATE, TOP	
80	*4-913-194-01	CUSHION (A), TOP BOARD	
81	4-913-149-21	KNOB (PAUSE), T	
82	4-913-149-11	KNOB (PAUSE), T	
83	4-913-170-01	RING, FIXED	
84	7-682-549-09	SCREW +B 3X10	
85	*4-919-207-11	CUSHION, BASE RETAINER	
86	*4-913-139-01	SPACER (A), LED	
87	*4-913-141-01	HOLDER, LED	
88	*4-913-140-01	PLATE, GROUND	
89	*4-913-186-01	CUSHION, RUBBER	
90	*3-846-311-00	SPACER (D)	
903	*1-620-818-11	PC BOARD, DISPLAY	
904	*1-620-819-11	PC BOARD, REMOCON RAY CATCHER	



No.	Part No.	Description	Remarks
101	*3-309-144-01	HEAT SINK	
102	*4-886-555-00	HEAT SINK	
103	4-870-272-00	HEAT SINK	
104	2-259-121-00	SCREW, TR	
105	2-259-121-11	SCREW, TR	
106	4-919-215-01	BRACKET (H)	
107	*4-908-502-01	HEAT SINK	
108	7-685-752-04	SCREW +BVT 3X8 (S)	
109	*4-909-140-01	REINFORCEMENT, MOLD	
110	4-908-963-01	NUT, SPECIAL	
111	*4-913-168-01	PLATE, SHIELD	
112	4-911-049-01	SCREW (3X8)	
113	3-655-653-21	BAND (TAITON), BINDING	
114	*4-913-197-01	CUSHION (B), CHASSIS	
115	7-685-871-01	SCREW +BVT 3X6 (S)	
116	9-911-839-XX	RETAINER (B), MICROPHONE	
117	4-909-982-11	SCREW, TAPPING	
119	4-908-961-01	WASHER	
120	*4-917-459-01	LEVER, POWER SWITCH	
121	4-917-460-01	KNOB, POWER	
122	*4-913-190-01	DUMPER (LEVER)	
123	4-913-169-01	KNOB, VOLUME	
124	3-701-505-00	SET SCREW, DOUBLE POINT 3X3	
125	4-913-154-01	PANEL, LOADING	

No.	Part No.	Description	Remarks
126	7-683-412-05	BOLT, HEXAGON SOCKET 2.6X6	
127	4-884-635-00	BASE, ORNAMENTAL	
128	*4-912-948-01	CUSHION, LOADING PANEL	
129	4-913-172-01	PLATE (RIGHT), SIDE	
130	4-913-171-01	PLATE (LEFT), SIDE	
131	3-703-685-31	SCREW (+BV 3X8)	
132	*4-919-201-01	CUSHION (E), CHASSIS	
133	*4-913-198-01	CUSHION (C), CHASSIS	
134	*4-913-138-01	BRACKET, MD	
135	*4-919-208-01	REINFORCEMENT (B), IC	
136	4-870-539-00	PLATE GROUND	
137	3-564-542-11	WASHER, FIBER	
138	*3-661-588-00	SPACER (3X5)	
139	4-302-211-00	BUSHING, RUBBER	
140	7-685-873-01	SCREW +BVT 3X10 (S)	
141	*4-912-962-01	COVER (1P), TERMINAL	
142	*4-912-963-01	COVER (2P), TERMINAL	
902	*A-4651-124-A	MOUNTED PCB, MAIN	
905	*1-620-820-11	PC BOARD, POWER SWITCH	
906	*1-621-022-11	PC BOARD, POWER	
908	*1-621-025-11	PC BOARD, REMOTE CONTROL VOL	
909	*1-621-026-11	PC BOARD, REMOTE CONTROL MOTOR	
910	*1-622-225-11	PC BOARD, HEADPHONE	
920	*1-622-226-11	PC BOARD, TIMER	

(4).

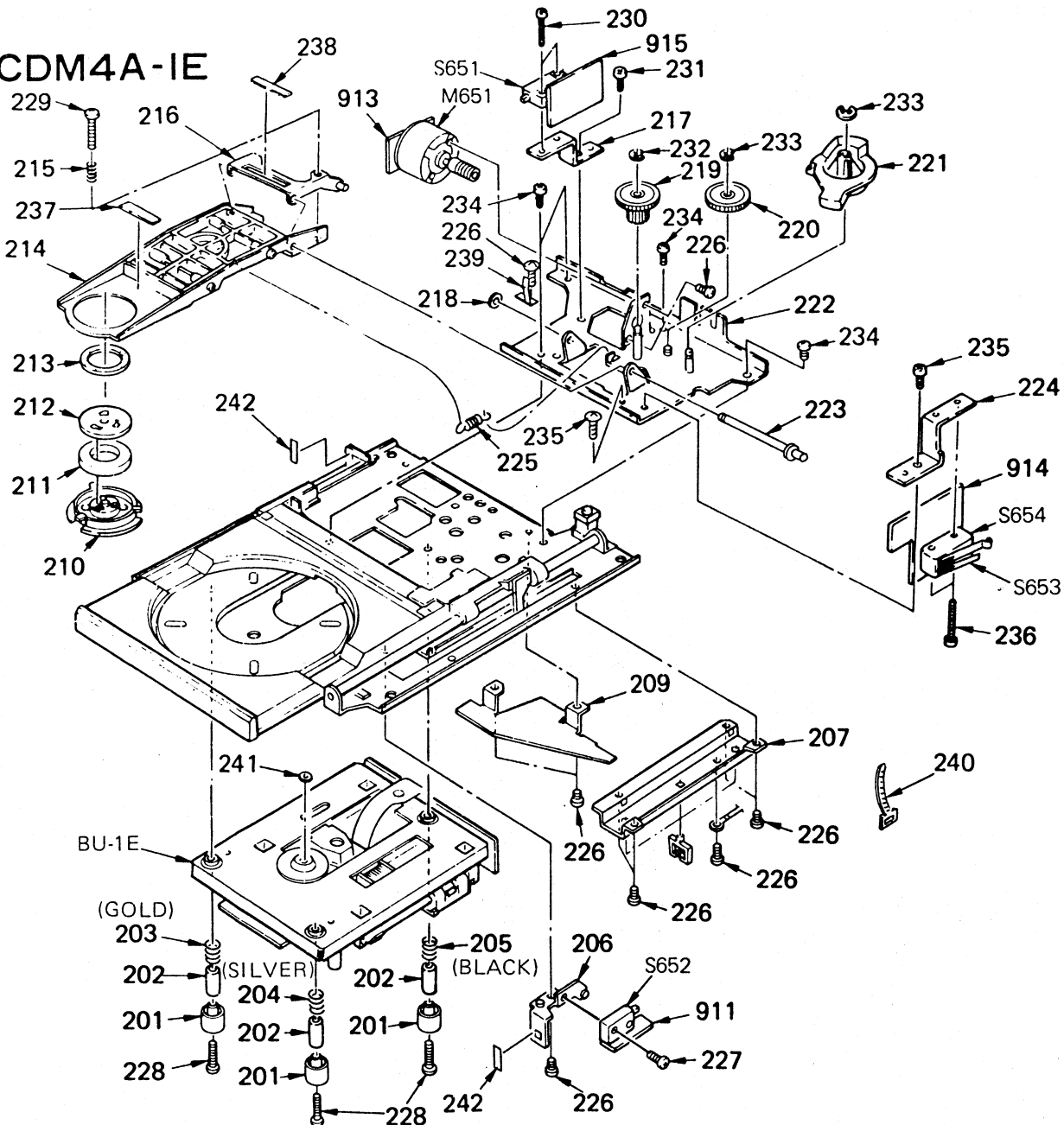


No.	Part No.	Description	Remarks
151	*4-913-926-11	BRACKET (LEFT), PC BOARD	
152	*4-913-123-11	(US)...PLATE, JACK	
	*4-913-123-31	(AEP)...PLATE, JACK	
	*4-913-123-41	(UK)...PLATE, JACK	
153	4-911-049-01	SCREW (3Y8)	
154	7-685-881-01	SCREW +BVTT 4X8 (S)	
155	*4-913-153-11	BRACKET, MAIN PC BOARD	
156	*4-913-160-11	CHASSIS (C)	
157	*4-913-195-01	CUSHION (B), TOP BOARD	
158	3-703-685-31	SCREW (+BV 3X8)	
159	*4-919-210-01	ANGLE (C), MD	
160	*4-913-157-11	ANGLE, MD	
161	*4-913-161-11	PANEL, SUB	
162	*4-913-152-01	ESCUTCHEON, D/O	
163	*4-913-159-11	CHASSIS (LEFT)	
164	*4-913-151-11	BRACKET, TRANSFORMER	
165	*4-913-196-01	CUSHION (A), CHASSIS	

No.	Part No.	Description	Remarks
166	*4-913-187-01	BOSS, PC BOARD STOPPER	
167	3-703-244-00	BUSHING (2104), CORD	
169	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
170	7-621-284-00	SCREW +B 2.6X4	
171	*4-919-204-01	CUSHION (F), CHASSIS	
172	*4-913-158-11	CHASSIS (RIGHT)	
173	*4-919-209-01	CUSHION (H), CHASSIS	
174	7-623-421-07	WASHER	
175	4-885-843-02	(AEP)...LABEL CAUTION, LASER	
901	Δ 1-555-765-11	(AEP)...CORD, POWER	
	Δ 1-556-035-11	(UK)...CORD, POWER	
	Δ 1-557-577-11	(US)...CORD, POWER	
907	*1-622-227-11	PC BOARD, DIGITAL OUT	
T901	Δ 1-448-882-11	(US)...TRANSFORMER, POWER	
T901	Δ 1-448-884-11	(AEP/UK)...TRANSFORMER, POWER	
T902	Δ 1-448-883-11	(US)...TRANSFORMER, POWER	
T902	Δ 1-448-885-11	(AEP/UK)...TRANSFORMER, POWER	

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

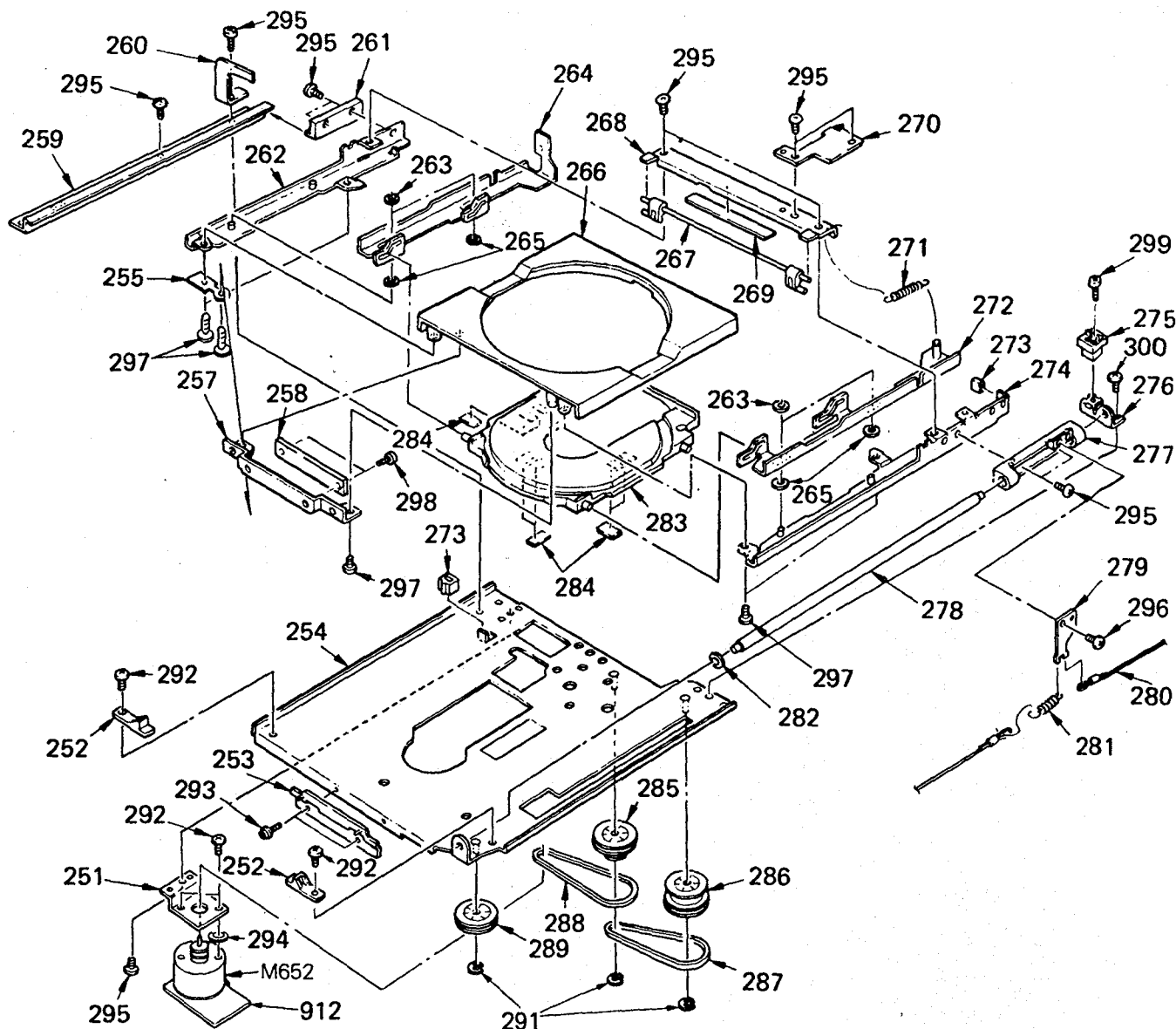
(5). CDM4A-IE



No.	Part No.	Description	Remarks
201	4-908-592-01	POLE (A), INSULATOR	
202	4-908-636-01	SPACER	
203	4-912-548-01	SPRING, COMPRESSION	
204	4-912-547-01	SPRING, COMPRESSION	
205	4-912-549-01	SPRING, COMPRESSION	
206	*4-908-541-01	BRACKET (C), SWITCH	
207	*X-4908-517-1	COVER ASSY, ROPE	
209	*4-908-597-01	COVER, BELT	
210	4-912-530-01	PULLEY, PRESS	
211	1-452-340-11	MAGNET	
212	*4-912-515-01	YOKE	
214	*X-4912-509-1	ARM ASSY, C	
215	4-908-559-01	SPRING, COMPRESSION	
216	X-4908-513-1	PLATE ASSY, ADJUSTMENT, ARM	
217	*4-912-543-01	BRACKET (D), SWITCH	
218	3-558-708-21	WASHER, STOPPER	
219	4-912-514-01	GEAR (A)	
220	4-912-525-01	GEAR (B)	
221	4-912-528-01	GEAR, CAM	
222	*X-4912-503-1	CHASSIS ASSY, SUB	
223	4-908-513-01	SHAFT, FULCRUM, C ARM	
224	*4-912-524-01	BRACKET (A), SWITCH	
225	4-908-555-01	SPRING, TENSION (C ARM)	

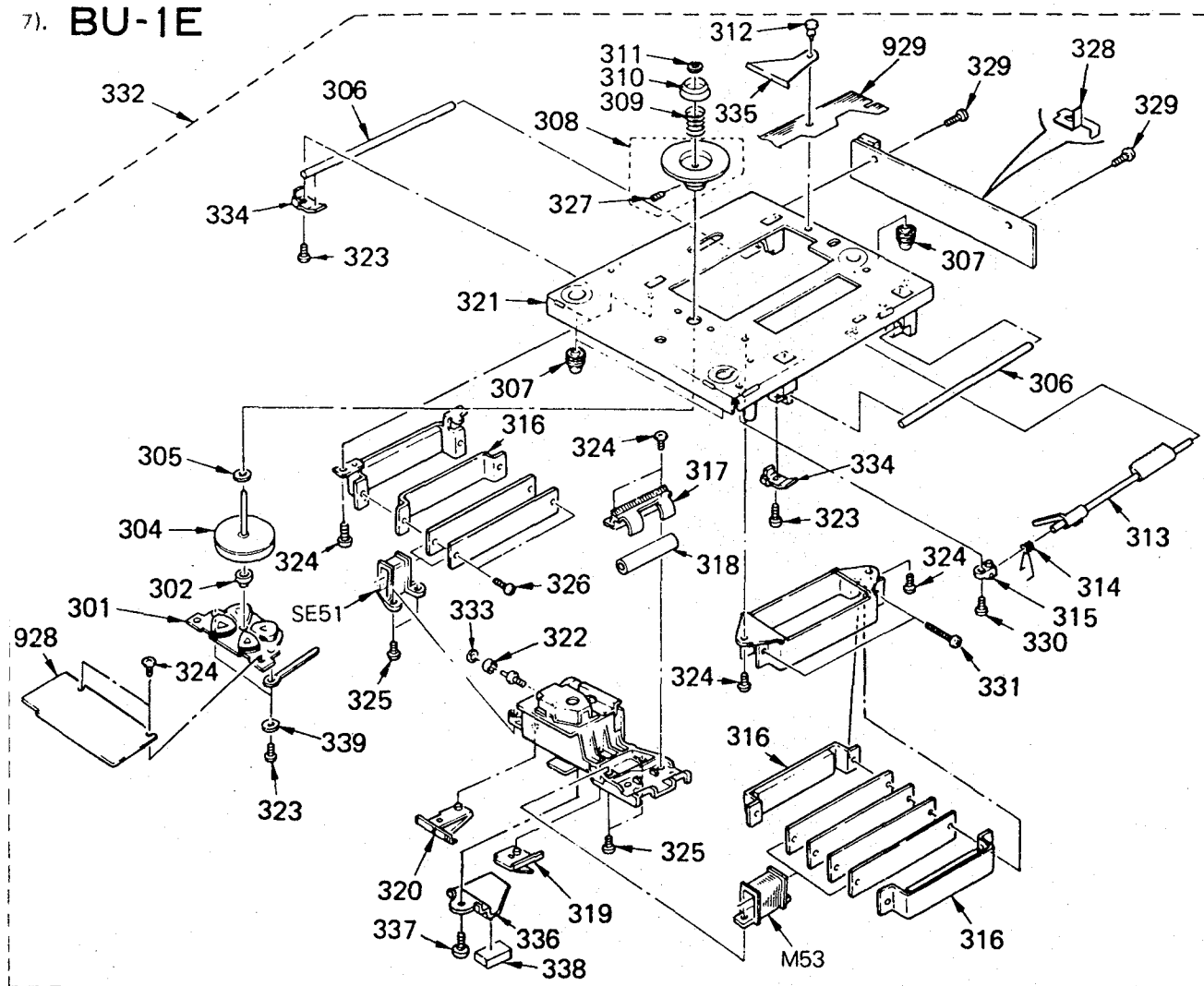
No.	Part No.	Description	Remarks
226	7-621-775-00	SCREW +B 2.6X3	
227	7-621-259-55	SCREW +P 2.6X8	
228	7-682-153-09	SCREW +B 3X20	
229	7-621-775-80	SCREW +B 2.6X16	
230	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
231	7-682-646-09	SCREW +PS 3X5	
232	7-624-109-04	STOP RING 5.0, TYPE -E	
233	7-624-106-04	STOP RING 3.0, TYPE -E	
234	7-682-546-04	SCREW +BVTT 3X5 (S)	
235	7-682-544-09	SCREW +B 3X3	
236	7-671-257-85	SCREW +P 2.3X14	
237	*4-912-551-01	SHEET (C), DT PS	
238	*4-912-552-01	SHEET (B), DT PS	
239	*4-912-569-01	PLATE (B), GROUND	
240	3-701-748-00	CLAMP	
241	*4-912-553-01	SPACER (D)	
242	*4-913-199-01	CUSHION (D), CHASSIS	
911	*1-617-229-11	PC BOARD, LOAD OUT SW	
913	*1-617-231-11	PC BOARD, CHUCKING MOTOR	
914	*1-617-232-11	PC BOARD, L.C. SWITCH	
915	*1-617-233-11	PC BOARD, IN SWITCH	
M651	X-4902-019-1	CHUCKING MOTOR ASSY	

(6). CDM4A-IE



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
251	*4-908-523-01	BRACKET, MOTOR		277	4-912-538-01	BEARING (RIGHT), GUIDE	
252	4-908-540-01	GUIDE, ASSIST		278	4-912-521-01	SHAFT (RIGHT), GUIDE	
253	*X-4912-508-1	BRACKET ASSY, TABLE		279	*4-912-520-01	BRACKET, ROPE	
254	*X-4912-507-1	CHASSIS ASSY, MECHANICAL		280	4-912-517-01	ROPE	
255	*4-912-568-01	PLATE (A), GROUND		281	4-908-553-01	SPRING, COMPRESSION (ROPE)	
257	*4-912-566-01	BRACKET, L PANEL		282	4-912-512-01	CUSHION (A)	
258	*4-912-544-01	PLATE, FIXED		283	X-4912-511-1	PLATE ASSY, DISK	
259	*4-912-529-01	GUIDE, LOADING		284	*4-908-964-01	SHEET, PS, DT	
260	*4-912-527-01	RETAINER, TABLE		285	4-908-519-01	PULLEY (A)	
261	*4-912-534-01	GUIDE, SUB		286	4-908-525-01	PULLEY (C)	
262	*X-4912-504-1	BRACKET (LEFT) ASSY, TABLE		287	3-671-077-00	BELT, FF	
263	3-558-708-21	WASHER, STOPPER		288	4-908-591-01	BELT, DRIVING	
264	*4-912-531-01	PLATE (LEFT), CAM, DISK		289	4-908-524-01	PULLEY (B)	
265	3-701-439-11	WASHER		291	7-624-106-04	STOP RING 3.0, TYPE -E	
266	4-908-584-03	TABLE, DISK		292	7-621-775-00	SCREW +B 2.6X3	
267	4-908-534-01	LEVER, FUNCTION		293	7-621-759-60	+PSW, 2.6X8	
268	*4-912-532-01	REINFORCEMENT, TABLE		294	3-554-222-00	WASHER (2), CAPSTAN	
269	*4-912-526-01	SHEET		295	7-682-546-04	SCREW +BVTT 3X5 (S)	
270	*4-912-522-01	PLATE, SW		296	7-685-132-19	SCREW +BTP 2.6X5 TYPE2 N-S	
271	4-912-516-01	SPRING (DISK CAM), TENSION		297	7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT	
272	*X-4912-506-1	PLATE (RIGHT) ASSY, CAM, DISK		298	7-685-791-04	SCREW +BVTT 2.6X5 (S)	
273	4-887-175-00	RUBBER, STOPPER		299	7-685-876-01	SCREW +BVTT 3X16 (S)	
274	*X-4912-505-1	BRACKET (RIGHT) ASSY, TABLE		300	7-682-646-09	SCREW +PS 3X5	
275	*4-912-513-01	STOPPER, TABLE		912	*1-617-230-11	PC BOARD, LOADING MOTOR	
276	*4-912-519-01	RETAINER (RIGHT), SHAFT		M652	A-4608-303-A	MOTOR ASSY, LOADING	

7). BU-1E



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
301	A-4675-068-A	BRACKET ASSY, MOTOR		323	7-685-134-19	SCREW +P 2.6X8 TYPE2 SLIT	
302	2-622-105-01	RETAINER, THRUST		324	7-621-284-00	SCREW +B 2.6X4	
304	A-4675-069-A	ROTOR ASSY		325	7-621-775-20	SCREW +B 2.6X5	
305	3-701-439-21	WASHER		326	7-685-793-04	SCREW +BVTT 2.6X8 (S)	
306	4-908-201-03	SHAFT, SLIDE		327	7-621-734-09	SET-SCT, HEX. 2.6X3	
307	4-908-593-01	INSULATOR		328	*4-908-232-01	LUG, GROUND	
308	X-4908-202-1	PULLEY ASSY, DISK		329	7-685-864-01	SCREW +BVTT 2.6X10 (S)	
309	4-908-213-01	SPRING, COMPRESSION		331	7-685-867-01	SCREW +BVTT 2.6X16 (S)	
310	4-915-217-01	CAP, CENTERING		332	X-4915-033-1	BU-1E	
311	3-558-708-21	WASHER, STOPPER		333	7-624-105-04	STOP RING 2.3, TYPE -E	
312	3-531-576-01	RIVET		334	4-908-245-01	RETAINER (C, SHAFT, SLIDE	
313	4-908-227-01	LEVER, LOCK		335	*4-908-254-01	RETAINER BOARD	
314	4-908-230-01	SPRING		336	*4-908-255-01	SUPPORT, PC BOARD	
315	4-908-220-01	HOLDER, ROD		337	7-682-546-09	SCREW +B 3X6	
316	*A-4675-110-A	MAGNET ASSY, LINEAR		338	*4-919-205-01	CUSHION	
317	4-908-224-01	HOLDER, BEARING		339	7-688-002-01	W 2.6, SMALL	
318	4-908-221-01	BEARING		340	*4-908-269-01	CUSHION, SLIDE	
319	4-908-225-01	RETAINER (A), LEAD		918	*1-620-663-11	PC BOARD, BSL MOTOR	
320	4-908-219-01	RETAINER (B), LEAD		919	A-4646-215-A	MOUNTED PCB, FLEXIBLE	
321	*A-4675-112-A	BASE ASSY		M53	1-422-197-14	COIL (DRIVE)	
322	4-908-208-01	BEARING (NO-FLANGE), BALL		SE51	1-422-198-11	COIL (SENSOR)	

CDP-555ESD/705ESD

ELECTRICAL PARTS LIST

NOTE:

- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:

MF:μF, PF:μpF.

RESISTORS

• All resistors are in ohms.

• F : nonflammable

COILS


• MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ, for example:

UA....: μA..., UPA....: μPA..., UPC....: μPC,

UPD....: μPD...

The components identified by shading and mark  are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
901	★1-555-765-11 (AEP)...	CORD, POWER
	★1-556-035-11 (UK)...	CORD, POWER
	★1-557-577-11 (US)...	CORD, POWER
902	*A-4651-124-A	MOUNTED PCB, MAIN
903	*1-620-818-11	PC BOARD, DISPLAY
904	*1-620-819-11	PC BOARD, REMOCON RAY CATCHER
905	*1-620-820-11	PC BOARD, POWER SWITCH
906	*1-621-027-11	PC BOARD, POWER
907	*1-622-227-11	PC BOARD, DIGITAL OUT
908	*1-621-025-11	PC BOARD, REMOTE CONTROL VOL
909	*1-621-026-11	PC BOARD, REMOTE CONTROL MOTOR
910	*1-622-225-11	PC BOARD, HEADPHONE
911	*1-617-229-11	PC BOARD, LOAD OUT SW
912	*1-617-230-11	PC BOARD, LOADING MOTOR
913	*1-617-231-11	PC BOARD, CHACKING MOTOR
914	*1-617-232-11	PC BOARD, L.C. SWITCH
915	*1-617-233-11	PC BOARD, IN SWITCH
918	*1-620-663-11	PC BOARD, BSL MOTOR
919	A-4646-215-A	MOUNTED PCB, FLEXIBLE
920	*1-622-226-11	PC BOARD, TIMEP
C201	1-136-159-00	FILM 0.033MF 5% 50V
C202	1-126-043-11	ELECT 0.47MF 20% 50V
C203	1-162-294-31	CERAMIC 0.001MF 10% 50V
C204	1-126-049-11	ELECT 22MF 20% 50V
C205	1-130-479-00	MYLAR 0.0047MF 5% 50V
C206	1-126-048-11	ELECT 10MF 20% 50V
C207	1-126-044-11	ELECT 1MF 20% 50V
C208	1-136-168-00	FILM 0.18MF 5% 50V
C209	1-130-479-00	MYLAR 0.0047MF 5% 50V
C210	1-162-199-31	CERAMIC 10PF 5% 50V
C211	1-136-165-00	FILM 0.1MF 5% 50V
C212	1-131-368-00	TANTALUM 3.3MF 10% 16V
C214	1-136-159-00	FILM 0.033MF 5% 50V
C215	1-136-165-00	FILM 0.1MF 5% 50V
C216	1-161-379-00	CERAMIC 0.01MF 20% 16V
C217	1-161-379-00	CERAMIC 0.01MF 20% 16V
C218	1-161-379-00	CERAMIC 0.01MF 20% 16V
C219	1-161-379-00	CERAMIC 0.01MF 20% 16V
C220	1-161-379-00	CERAMIC 0.01MF 20% 16V
C221	1-136-164-00	FILM 0.082MF 5% 50V
C222	1-136-159-00	FILM 0.033MF 5% 50V
C223	1-161-379-00	CERAMIC 0.01MF 20% 16V
C224	1-130-479-00	MYLAR 0.0047MF 5% 50V
C225	1-123-335-00	ELECT 330MF 20% 25V

ELECTRICAL PARTS


Ref.No.	Part No.	Description
C226	1-123-335-00	ELECT 330MF 20% 25V
C227	1-161-375-00	CERAMIC 0.0022MF 30% 16V
C251	1-123-332-00	ELECT 47MF 20% 25V
C252	1-124-994-11	ELECT 100MF 20% 10V
C253	1-162-179-11	CERAMIC 0.1MF 50V
C256	1-162-179-11	CERAMIC 0.1MF 50V
C257	1-123-335-00	ELECT 330MF 20% 25V
C258	1-123-333-00	ELECT 100MF 20% 25V
C259	1-123-335-00	ELECT 330MF 20% 25V
C260	1-123-335-00	ELECT 330MF 20% 25V
C301	1-136-153-00	FILM 0.01MF 5% 50V
C302	1-126-043-11	ELECT 0.47MF 20% 50V
C315	1-162-294-31	CERAMIC 0.001MF 10% 50V
C323	1-162-179-11	CERAMIC 0.1MF 50V
C324	1-123-335-00	ELECT 330MF 20% 25V
C325	1-123-333-00	ELECT 100MF 20% 25V
C326	1-162-179-11	CERAMIC 0.1MF 50V
C327	1-123-335-00	ELECT 330MF 20% 25V
C328	1-162-179-11	CERAMIC 0.1MF 50V
C351	1-107-322-00	MICA 22PF 5% 500V
C352	1-107-322-00	MICA 22PF 5% 500V
C362	1-123-335-00	ELECT 330MF 20% 25V
C363	1-124-130-00	ELECT 100MF 20% 63V
C375	1-123-335-00	ELECT 330MF 20% 25V
C376	1-162-179-11	CERAMIC 0.1MF 50V
C377	1-161-974-00	CERAMIC 0.1MF 20% 16V
C390	1-124-994-41	ELECT 100MF 20% 10V
C391	1-124-994-41	ELECT 100MF 20% 10V
C392	1-161-379-00	CERAMIC 0.01MF 20% 16V
C393	1-161-379-00	CERAMIC 0.01MF 20% 16V
C401	1-104-294-11	POLYSTYRENE 470PF 5% 50V
C406	1-162-294-31	CERAMIC 0.001MF 10% 50V
C407	1-162-294-31	CERAMIC 0.001MF 10% 50V
C411	1-136-165-00	FILM 0.1MF 5% 50V
C412	1-136-165-00	FILM 0.1MF 5% 50V
C413	1-136-165-00	FILM 0.1MF 5% 50V
C414	1-136-165-00	FILM 0.1MF 5% 50V
C415	1-136-165-00	FILM 0.1MF 5% 50V
C416	1-136-165-00	FILM 0.1MF 5% 50V
C417	1-136-165-00	FILM 0.1MF 5% 50V
C418	1-136-256-11	FILM 0.0033MF 3% 100V
C419	1-130-892-00	FILM 0.015MF 3% 100V
C420	1-130-848-00	FILM 0.0082MF 3% 100V
C421	1-107-317-00	MICA 33PF 5% 500V
C422	1-130-967-00	FILM 0.0027MF 3% 100V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C423	1-130-967-00	FILM	0.0027MF	3%	100V
C424	1-136-230-00	FILM	0.0022MF	3%	100V
C425	1-107-309-00	MICA	100PF	5%	500V
C426	1-126-164-51	ELECT	100MF	20%	100V
C428	1-124-484-11	ELECT	220MF	20%	35V
C430	1-124-484-11	ELECT	220MF	20%	35V
C431	1-107-322-00	MICA	22PF	5%	500V
C432	1-136-250-11	FILM	0.001MF	3%	100V
C433	1-107-277-00	MICA	5PF	0.5PF	100V
C439	1-162-290-31	CERAMIC	470PF	10%	50V
C480	1-124-688-31	ELECT	470MF	20%	16V
C481	1-162-179-11	CERAMIC	0.1MF		50V
C482	1-124-724-31	ELECT	47MF	20%	50V
C483	1-130-955-00	FILM	0.01MF	3%	100V
C484	1-161-494-00	CERAMIC	0.022MF		25V
C485	1-161-974-00	CERAMIC	0.1MF	20%	16V
C486	1-162-282-31	CERAMIC	100PF	10%	50V
C501	1-123-335-00	ELECT	330MF	20%	25V
C502	1-123-335-00	ELECT	330MF	20%	25V
C503	1-124-929-11	ELECT	22MF	20%	63V
C504	1-124-929-11	ELECT	22MF	20%	63V
C511	1-136-165-00	FILM	0.1MF	5%	50V
C512	1-136-165-00	FILM	0.1MF	5%	50V
C513	1-136-165-00	FILM	0.1MF	5%	50V
C514	1-136-165-00	FILM	0.1MF	5%	50V
C515	1-136-165-00	FILM	0.1MF	5%	50V
C516	1-136-165-00	FILM	0.1MF	5%	50V
C517	1-136-165-00	FILM	0.1MF	5%	50V
C518	1-136-256-11	FILM	0.0033MF	3%	100V
C519	1-130-892-00	FILM	0.015MF	3%	100V
C520	1-130-848-00	FILM	0.0082MF	3%	100V
C521	1-107-317-00	MICA	33PF	5%	500V
C522	1-130-967-00	FILM	0.0027MF	3%	100V
C523	1-130-967-00	FILM	0.0027MF	3%	100V
C524	1-136-230-00	FILM	0.0022MF	3%	100V
C525	1-107-309-00	MICA	100PF	5%	500V
C526	1-126-164-51	ELECT	100MF	20%	100V
C528	1-124-484-11	ELECT	220MF	20%	35V
C530	1-124-484-11	ELECT	220MF	20%	35V
C531	1-107-322-00	MICA	22PF	5%	500V
C532	1-136-250-11	FILM	0.001MF	3%	100V
C533	1-107-277-00	MICA	5PF	0.5PF	100V
C534	1-162-290-31	CERAMIC	470PF	10%	50V
C701	1-162-179-11	CERAMIC	0.1MF		50V
C702	1-162-179-11	CERAMIC	0.1MF		50V
C703	1-162-179-11	CERAMIC	0.1MF		50V
C710	1-124-225-00	ELECT	100MF	20%	6.3V
C800	1-136-165-00	FILM	0.1MF	5%	50V
C801	1-130-673-00	FILM	3.3MF	10%	125V
C802	1-126-129-11	ELECT	6800MF	20%	35V
C803	1-126-129-11	ELECT	6800MF	20%	35V
C804	1-124-130-00	ELECT	100MF	20%	63V
C806	1-107-322-00	MICA	22PF	5%	500V
C807	1-123-378-00	ELECT	1000MF	20%	63V
C808	1-123-334-00	ELECT	220MF	20%	25V
C814	1-124-130-00	ELECT	100MF	20%	63V
C816	1-107-322-00	MICA	22PF	5%	500V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C817	1-123-378-00	ELECT	1000MF	20%	63V
C818	1-123-334-00	ELECT	220MF	20%	25V
C819	1-124-738-41	ELECT	220MF	20%	63V
C820-1	1-124-738-41	ELECT	220MF	20%	63V
C820-2	1-131-450-00	TANTALUM	1MF	20%	50V
C821	1-131-450-00	TANTALUM	1MF	20%	50V
C822	1-123-369-00	ELECT	4.7MF	20%	63V
C823	1-123-369-00	ELECT	4.7MF	20%	63V
C850	1-126-122-11	ELECT	12000MF	20%	16V
C851	1-124-636-00	ELECT	3300MF	20%	25V
C852	1-136-173-00	FILM	0.47MF	5%	50V
C853	1-126-048-11	ELECT	10MF	20%	50V
C854	1-126-038-11	ELECT	330MF	20%	35V
C855	1-126-038-11	ELECT	330MF	20%	35V
C856	1-126-047-11	ELECT	4.7MF	20%	50V
C857	1-124-997-11	ELECT	470MF	20%	10V
C858	1-125-367-11	CAP, DOUBLE LAYERS	0.1F		5.5V
C859	1-136-157-00	FILM	0.022MF	5%	50V
C860	1-130-673-00	FILM	3.3MF	10%	125V
C861	1-136-165-00	FILM	0.1MF	5%	50V
C864	1-126-053-11	ELECT	220MF	20%	50V
C865	1-126-053-11	ELECT	220MF	20%	50V
C866	1-126-038-11	ELECT	330MF	20%	35V
C900	1-126-017-11	ELECT	6800MF	20%	16V
AC901-1	1-161-744-00	CERAMIC	0.01MF		400V
C901-2	1-124-636-00	ELECT	3300MF	20%	25V
C902	1-161-744-00	CERAMIC	0.01MF		400V
C903	1-161-744-00	(US)...CERAMIC	0.01MF		400V
C904	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C905	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C906	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C907	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C908	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
C909	1-161-742-00	(555ESD)...CERAMIC	0.022MF	20%	400V
CNP200*1	564-709-11	PIN, CONNECTOR (SMALL TYPE)	7P		
CNP201*1	564-710-11	PIN, CONNECTOR (SMALL TYPE)	8P		
CNP202*1	564-506-11	PLUG, CONNECTOR	3P		
CNP203*1	564-706-31	PIN, CONNECTOR (SMALL TYPE)	4P		
CNP300*1	564-707-11	PIN, CONNECTOR (SMALL TYPE)	5P		
CNP301*1	564-509-11	PLUG, CONNECTOR	6P		
CNP302*1	506-503-11	PIN, CONNECTOR	9P		
CNP303*1	564-508-11	PLUG, CONNECTOR	5P		
CNP304*1	564-337-00	PIN, CONNECTOR	3P		
CNP305*1	564-337-00	PIN, CONNECTOR	3P		
CNP306*1	564-338-00	PIN, CONNECTOR	4P		
CNP307*1	564-336-00	PIN, CONNECTOR	2P		
CNP390*1	564-497-11	PIN, CONNECTOR	4P		
CNP391*1	564-507-41	PLUG, CONNECTOR	4P		
CNP392*1	564-507-21	PLUG, CONNECTOR	4P		
CNP400*1	564-507-41	PLUG, CONNECTOR	4P		
CNP401*1	564-507-21	PLUG, CONNECTOR	4P		
CNP402*1	564-507-11	PLUG, CONNECTOR	4P		
CNP480*1	564-704-11	PIN, CONNECTOR (SMALL TYPE)	2P		
CNP481*1	564-505-11	PLUG, CONNECTOR	2P		
CNP482*1	564-705-11	PIN, CONNECTOR (SMALL TYPE)	3P		


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ELECTRICAL PARTS

Ref.No.	Part No.	Description
CNP500*1-564-507-11		PLUG, CONNECTOR 4P
CNP705*1-564-496-11		PIN, CONNECTOR 3P
CNP800*1-535-116-00		TERMINAL
CNP801*1-535-116-00		TERMINAL
CNP802*1-535-116-00		TERMINAL
CNP802*1-535-116-00		TERMINAL
CNP850*1-564-341-11		PIN, CONNECTOR 7P
CP700	1-232-967-11	COMPOSITION CIRCUIT BLOCK
D200	8-719-940-76	DIODE 1SS132
D302	8-719-940-76	DIODE 1SS132
D303	8-719-940-76	DIODE 1SS132
D304	8-719-940-76	DIODE 1SS132
D305	8-719-940-76	DIODE 1SS132
D307	8-719-940-76	DIODE 1SS132
D390	8-719-200-23	DIODE 11E2
D700	8-719-939-87	DIODE VR3638S
D701	8-719-939-85	DIODE AY3638S
D702	8-719-939-84	DIODE PG3422SY-1
D703	8-719-907-75	DIODE AA5534S
D704	8-719-921-05	DIODE EB65534S
D705	8-719-940-76	DIODE 1SS132
D800	8-719-200-68	DIODE C10P20FU
D801	8-719-200-69	DIODE C10P20FUR
D810	8-719-224-11	DIODE 10YD2.4A
D811	8-719-902-87	DIODE EQ801-08Q
D812	8-719-224-11	DIODE 10YD2.4A
D816	8-719-902-87	DIODE EQ801-08Q
D870	8-719-200-23	DIODE 11E2
D871	8-719-200-23	DIODE 11E2
D872	8-719-200-23	DIODE 11E2
D873	8-719-200-23	DIODE 11E2
D874	8-719-940-76	DIODE 1SS132
D875	8-719-940-76	DIODE 1SS132
D876	8-719-200-31	DIODE 21DQ05
D877	8-719-200-31	DIODE 21DQ05
D878	8-719-200-31	DIODE 21DQ05
D879	8-719-200-31	DIODE 21DQ05
D882	8-719-934-22	DIODE HZS30-2L
D883	8-719-933-50	DIODE HZS7C2L
D884	8-719-940-76	DIODE 1SS132
D885	8-719-940-76	DIODE 1SS132
D890	8-719-210-12	DIODE 10DF2-TA2
IC201	8-752-030-94	IC CXA1082Q
IC202	8-759-202-01	IC TA7256P
IC203	8-759-202-01	IC TA7256P
IC301	8-752-322-04	IC CXD1125Q
IC302	8-759-910-36	IC MSM5128-20GS
IC303	8-759-940-64	IC MSM6404A-181RS
IC304	8-759-804-47	IC LC6523H-3270
IC305	8-759-202-12	IC TC74HC02P
IC307	8-759-939-35	IC CXD1088Q
IC308	8-719-939-51	MCA11G2
IC309	8-719-939-51	MCA11G2
IC310	8-759-202-14	IC TC74HC08P
IC390	8-759-600-24	IC M54543L
IC401	8-759-939-94	IC TDA1541-N5
IC402	8-759-000-99	IC MC74HC74N
IC403	8-759-202-74	IC TC74HC04P

ELECTRICAL PARTS

Ref.No.	Part No.	Description
IC410	8-759-603-97	IC M5240PS
IC411	8-759-701-21	IC NJM5532D-D
IC412	8-759-905-42	IC NE5534P
IC413	8-759-701-21	IC NJM5532D-D
IC480	8-759-202-13	IC TC74HC04P
IC511	8-759-701-21	IC NJM5532D-D
IC512	8-759-905-42	IC NE5534P
IC700	8-752-801-26	IC CXP5016M-178S
IC710	8-749-900-36	IC BX-1393
IC800	8-759-170-12	IC UPC78M12H
IC801	8-759-700-51	IC NJM7805A
IC802	8-759-700-51	IC NJM7805A
IC811	8-759-700-28	IC NJM7905A
IC812	8-759-700-24	IC NJM79M12A
IC852	8-759-700-51	IC NJM7805A
IC853	8-759-604-02	IC M5278L56
IC862	8-759-700-28	IC NJM7905A
J400	1-563-966-11	JACK, PIN 4P
J480	1-507-567-71	JACK, PIN 1P
J501	1-507-863-21	JACK, LARGE TYPE (HEADPHONES)
L350	1-408-684-00	(US)...MICRO INDUCTOR 1.2MMH
L901	1-421-340-00	(AEP/UK)...LINE FILTER
L901	1-421-395-00	(US)...COIL, LINE FILTER
LP901	*1-535-476-11	TERMINAL
LP902	*1-535-476-11	TERMINAL
LP903	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P
LP904	1-535-139-00	(AEP/UK)...BASE POST 22MM(10MM PITCH) 2P
M53	1-422-197-14	COIL (DRIVE)
M651	X-4902-019-1	CHUCKING MOTOR ASSY
M652	A-4608-303-A	MOTOR ASSY, LOADING
ND701	1-519-412-11	INDICATOR TUBE, FLUORESCENT
PS200	1-532-675-00	(AEP/UK)...LINK, IC
PS201	1-532-675-00	(AEP/UK)...LINK, IC
PS801	1-532-679-00	(AEP/UK)...LINK, IC
PS802	1-532-679-00	(AEP/UK)...LINK, IC
PS803	1-532-679-00	(AEP/UK)...LINK, IC
PS851	1-532-675-00	(AEP/UK)...LINK, IC
Q200	8-729-900-61	TRANSISTOR DTA114ES
Q201	8-729-900-80	TRANSISTOR DTC114ES
Q202	8-729-900-80	TRANSISTOR DTC144ES
Q203	8-729-245-82	TRANSISTOR 2SC2458-Y
Q204	8-729-900-61	TRANSISTOR DTA114ES
Q301	8-729-245-82	TRANSISTOR 2SC2458-Y
Q302	8-729-900-80	TRANSISTOR DTA114ES
Q303	8-729-900-80	TRANSISTOR DTC114ES
Q700	8-729-900-80	TRANSISTOR DTC114ES
Q701	8-729-900-80	TRANSISTOR DTC114ES
Q702	8-729-900-80	TRANSISTOR DTC114ES
Q703	8-729-900-80	TRANSISTOR DTC114ES
Q704	8-729-900-80	TRANSISTOR DTC114ES
Q800	8-729-113-82	TRANSISTOR 2SA1138-E
Q801	8-729-167-62	TRANSISTOR 2SC2676-E
Q802	8-729-127-53	TRANSISTOR 2SC2275-P
Q803	8-729-167-62	TRANSISTOR 2SC2676-E
Q810	8-729-167-62	TRANSISTOR 2SC2676-E

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ELECTRICAL PARTS

Ref.No.	Part No.	Description			
Q811	8-729-113-82	TRANSISTOR 2SA1138-E			
Q812	8-729-118-53	TRANSISTOR 2SA985-P			
Q813	8-729-113-82	TRANSISTOR 2SA1138-E			
Q861	8-729-245-82	TRANSISTOR 2SC2458-Y			
Q864	8-729-103-43	TRANSISTOR 2SB734-2			
Q865	8-729-245-82	TRANSISTOR 2SC2458-Y			
Q866	8-729-204-83	TRANSISTOR 2SA1048			
R200	1-249-441-11	CARBON	100K	5%	1/6W
R201	1-215-493-00	CARBON	1M	5%	1/6W
R202	1-215-452-00	CARBON	20K	5%	1/6W
R203	1-249-441-11	CARBON	100K	5%	1/6W
R204	1-215-435-00	METAL	3.9K	1%	1/6W
R205	1-215-471-00	CARBON	120K	5%	1/6W
R206	1-249-429-11	CARBON	10K	5%	1/6W
R207	1-249-433-11	CARBON	22K	5%	1/6W
R208	1-249-429-11	CARBON	10K	5%	1/6W
R210	1-249-425-11	CARBON	4.7K	5%	1/6W
R211	1-247-880-00	CARBON	110K	5%	1/6W
R212	1-215-491-00	CARBON	820K	5%	1/6W
R213	1-249-441-11	CARBON	100K	5%	1/6W
R214	1-215-466-00	CARBON	75K	5%	1/6W
R215	1-215-471-00	CARBON	120K	5%	1/6W
R216	1-215-471-00	CARBON	120K	5%	1/6W
R217	1-247-885-00	CARBON	180K	5%	1/6W
R218	1-249-405-11	CARBON	100	5%	1/6W
R219	1-247-885-00	CARBON	180K	5%	1/6W
R220	1-249-405-11	CARBON	100	5%	1/6W
R221	1-249-405-11	CARBON	100	5%	1/6W
R222	1-247-864-00	CARBON	24K	5%	1/6W
R223	1-249-439-11	CARBON	68K	5%	1/6W
R224	1-249-432-11	CARBON	18K	5%	1/6W
R225	1-249-405-11	CARBON	100	5%	1/6W
R226	1-215-486-00	CARBON	510K	5%	1/6W
R227	1-249-429-11	CARBON	10K	5%	1/6W
R228	1-249-429-11	CARBON	10K	5%	1/6W
R229	1-249-429-11	CARBON	10K	5%	1/6W
R230	1-249-441-11	CARBON	100K	5%	1/6W
R231	1-249-417-11	CARBON	1K	5%	1/6W
R244	1-249-417-11	CARBON	1K	5%	1/6W
R301	1-249-429-11	CARBON	10K	5%	1/6W
R302	1-249-441-11	CARBON	100K	5%	1/6W
R303	1-249-437-11	CARBON	47K	5%	1/6W
R304	1-215-481-00	CARBON	330K	5%	1/6W
R305	1-215-493-00	CARBON	1M	5%	1/6W
R307	1-215-469-00	METAL	100K	1%	1/6W
R308	1-215-469-00	METAL	100K	1%	1/6W
R310	1-249-417-11	CARBON	1K	5%	1/6W
R311	1-249-413-11	CARBON	470	5%	1/6W
R312	1-249-405-11	CARBON	100	5%	1/6W
R350	1-249-417-11	CARBON	1K	5%	1/6W
R351	1-249-413-11	CARBON	470	5%	1/6W
R352	1-249-745-11	CARBON	1M		1/2W
R356	1-249-417-11	CARBON	1K	5%	1/6W
R360	1-249-417-11	CARBON	1K	5%	1/6W
R361	1-249-425-11	CARBON	4.7K	5%	1/6W
R362	1-249-417-11	CARBON	1K	5%	1/6W
R363	1-249-405-11	CARBON	100	5%	1/6W
R364	1-249-413-11	CARBON	470	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R365	1-249-417-11	CARBON	1K	5%	1/6W
R366	1-249-413-11	CARBON	470	5%	1/6W
R402	1-249-433-11	CARBON	22K	5%	1/6W
R403	1-249-425-11	CARBON	4.7K	5%	1/6W
R411	1-259-022-11	CARBON	1.5K	1%	1/2W
R412	1-247-713-11	CARBON	1K	1%	1/4W
R413	1-246-545-00	CARBON	1M	1%	1/4W
R414	1-259-040-11	CARBON	1.8K	1%	1/2W
R415	1-249-929-11	CARBON	1.8K	1%	1/4W
R416	1-249-929-11	CARBON	1.8K	1%	1/4W
R417	1-249-929-11	CARBON	1.8K	1%	1/4W
R418	1-247-739-11	CARBON	100	2%	1/2W
R419	1-249-983-91	CARBON	330K	1%	1/4W
R420	1-259-025-11	CARBON	470	1%	1/2W
R421	1-247-700-11	CARBON	100	1%	1/4W
R422	1-249-465-11	CARBON	47K	1%	1/4W
R423	1-249-465-11	CARBON	47K	1%	1/4W
R424	1-247-721-11	CARBON	4.7K	1%	1/4W
R425	1-249-951-11	CARBON	15K	1%	1/4W
R426	1-247-700-11	CARBON	100	1%	1/4W
R427	1-249-983-11	CARBON	330K	1%	1/4W
R428	1-249-915-11	CARBON	470	1%	1/4W
R429	1-249-909-11	CARBON	270	1%	1/4W
R430	1-247-700-11	CARBON	100	1%	1/4W
R480	1-249-896-11	CARBON	75	1%	1/4W
R481	1-249-405-11	CARBON	100	5%	1/6W
R511	1-259-022-11	CARBON	1.5K	1%	1/2W
R512	1-247-713-11	CARBON	1K	1%	1/4W
R513	1-246-545-00	CARBON	1M	1%	1/4W
R514	1-259-040-11	CARBON	1.8K	1%	1/2W
R515	1-249-929-11	CARBON	1.8K	1%	1/4W
R516	1-249-929-11	CARBON	1.8K	1%	1/4W
R517	1-249-929-11	CARBON	1.8K	1%	1/4W
R518	1-247-739-11	CARBON	100	2%	1/2W
R519	1-249-983-11	CARBON	330K	1%	1/4W
R520	1-259-025-91	CARBON	470	1%	1/2W
R521	1-247-700-11	CARBON	100	1%	1/4W
R522	1-249-465-11	CARBON	47K	1%	1/4W
R523	1-249-465-11	CARBON	47K	1%	1/4W
R524	1-247-721-11	CARBON	4.7K	1%	1/4W
R525	1-249-951-11	CARBON	15K	1%	1/4W
R526	1-247-700-11	CARBON	100	1%	1/4W
R527	1-249-983-11	CARBON	330K	1%	1/4W
R528	1-249-915-11	CARBON	470	1%	1/4W
R529	1-249-909-11	CARBON	270	1%	1/4W
R530	1-247-700-11	CARBON	100	1%	1/4W
R703	1-249-433-11	CARBON	22K	5%	1/6W
R704	1-249-433-11	CARBON	22K	5%	1/6W
R705	1-247-818-00	CARBON	300	5%	1/6W
R706	1-249-406-11	CARBON	120	5%	1/6W
R707	1-249-405-11	CARBON	100	5%	1/6W
R708	1-249-409-11	CARBON	220	5%	1/6W
R709	1-249-407-11	CARBON	150	5%	1/6W
R710	1-249-441-11	CARBON	100K	5%	1/6W
R711	1-249-441-11	CARBON	100K	5%	1/6W
R800	1-217-434-00	FUSIBLE	10	5%	1/2W
R801	1-249-789-11	CARBON	300	1%	1/2W

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R802	1-249-796-11	CARBON 560 1% 1/2W
R803	1-249-814-11	CARBON 3.3K 1% 1/2W
R804	1-259-038-11	CARBON 680 1% 1/2W
R805	1-259-039-11	CARBON 820 1% 1/2W
R806	1-249-844-11	CARBON 56K 1% 1/2W
R811	1-249-789-11	CARBON 300 1% 1/2W
R812	1-249-796-11	CARBON 560 1% 1/2W
R813	1-249-814-11	CARBON 3.3K 1% 1/2W
R814	1-259-038-11	CARBON 680 1% 1/2W
R815	1-259-039-11	CARBON 820 1% 1/2W
R816	1-249-844-11	CARBON 56K 1% 1/2W
R820	1-212-960-00	(AEP/UK)...FUSIBLE 12 5% 1/2W
R820	1-249-756-11	(US).....CARBON 12 1% 1/2W
R830	1-212-960-00	(AEP/UK)...FUSIBLE 12 5% 1/2W
R830	1-249-756-11	(US).....CARBON 12 1% 1/2W
R840	1-247-700-11	CARBON 100 1% 1/4W
R841	1-247-700-11	CARBON 100 1% 1/4W
R842	1-247-700-11	CARBON 100 1% 1/4W
R843	1-247-700-11	CARBON 100 1% 1/4W
R852	1-212-954-11	FUSIBLE 6.8 5% 1/2W
R853	1-249-433-11	CARBON 22K 5% 1/6W
R854	1-249-435-11	CARBON 33K 5% 1/6W
R855	1-215-471-00	CARBON 120K 5% 1/6W
R856	1-249-432-11	CARBON 18K 5% 1/6W
R857	1-249-430-11	CARBON 12K 5% 1/6W
R858	1-249-429-11	CARBON 10K 5% 1/6W
R859	1-249-441-11	CARBON 100K 5% 1/6W
R860	1-249-441-11	CARBON 100K 5% 1/6W
R861	1-249-405-11	CARBON 100 5% 1/6W
R862	1-249-435-11	CARBON 33K 5% 1/6W
R863	1-249-429-11	CARBON 10K 5% 1/6W
RV201	1-228-990-00	RES, ADJ, METAL GLAZE 1K
RV202	1-228-995-00	RES, ADJ, METAL GLAZE 22K
RV203	1-228-995-00	RES, ADJ, METAL GLAZE 22K
RV400	1-237-081-11	RES, VAR CARBON 10K/10K (LINE OUT PHONE LEVEL)
RV500	1-237-081-11	RES, VAR, CARBON 10K/10K (LINE OUT PHONE LEVEL)
RY1	1-515-642-11	RELAY
RY2	1-515-642-11	RELAY
RY3	1-515-642-11	RELAY
RY5	1-515-642-11	RELAY
S310	1-570-908-11	SWITCH, ROTARY (TIMER)
S480	1-516-778-XX	SWITCH, SLIDE (DIGITAL OUT)
S700	1-554-303-21	SWITCH, KEY BOARD (1)
S701	1-554-303-21	SWITCH, KEY BOARD (2)
S702	1-554-303-21	SWITCH, KEY BOARD (3)
S703	1-554-303-21	SWITCH, KEY BOARD (4)
S704	1-554-303-21	SWITCH, KEY BOARD (5)
S705	1-554-303-21	SWITCH, KEY BOARD (▶)
S706	1-554-303-21	SWITCH, KEY BOARD (▲)
S708	1-554-303-21	SWITCH, KEY BOARD (6)
S709	1-554-303-21	SWITCH, KEY BOARD (7)
S710	1-554-303-21	SWITCH, KEY BOARD (8)
S711	1-554-303-21	SWITCH, KEY BOARD (9)
S712	1-554-303-21	SWITCH, KEY BOARD (10)
S713	1-554-303-21	SWITCH, KEY BOARD (■)
S714	1-554-303-21	SWITCH, KEY BOARD (A↔B)

The components identified by shading and mark ▲ are critical for safety. Replace only with part number specified.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
S716	1-554-303-21	SWITCH, KEY BOARD (11)
S717	1-554-303-21	SWITCH, KEY BOARD (12)
S718	1-554-303-21	SWITCH, KEY BOARD (13)
S719	1-554-303-21	SWITCH, KEY BOARD (14)
S720	1-554-303-21	SWITCH, KEY BOARD (15)
S721	1-554-303-21	SWITCH, KEY BOARD (■)
S722	1-554-303-21	SWITCH, KEY BOARD (DISPLAY)
S724	1-554-303-21	SWITCH, KEY BOARD (16)
S725	1-554-303-21	SWITCH, KEY BOARD (17)
S726	1-554-303-21	SWITCH, KEY BOARD (18)
S727	1-554-303-21	SWITCH, KEY BOARD (19)
S728	1-554-303-21	SWITCH, KEY BOARD (20)
S729	1-554-303-21	SWITCH, KEY BOARD (PROGRAM)
S730	1-554-303-21	SWITCH, KEY BOARD (SHUFFLE)
S732	1-554-303-21	SWITCH, KEY BOARD (+10)
S733	1-554-303-21	SWITCH, KEY BOARD (0)
S734	1-554-303-21	SWITCH, KEY BOARD (CHECK)
S735	1-554-303-21	SWITCH, KEY BOARD (CLEAR)
S736	1-554-303-21	SWITCH, KEY BOARD (CONTINUE)
S737	1-554-303-21	SWITCH, KEY BOARD (SINGLE)
S738	1-554-303-21	SWITCH, KEY BOARD (REPEAT)
S739	1-554-303-21	SWITCH, KEY BOARD (COUNT)
S740	1-554-303-21	SWITCH, KEY BOARD (◀◀)
S741	1-554-303-21	SWITCH, KEY BOARD (▶▶)
S742	1-554-303-21	SWITCH, KEY BOARD (←→)
S743	1-554-303-21	SWITCH, KEY BOARD (→→)
S744	1-554-303-21	SWITCH, KEY BOARD (◀◀)
S745	1-554-303-21	SWITCH, KEY BOARD (▶▶)
S746	1-554-303-21	SWITCH, KEY BOARD (AUTO PAUSE)
S747	1-554-303-21	SWITCH, KEY BOARD (AUTO SPACE)
S901	1-553-318-00	SWITCH, PUSH (AC POWER) (1 KEY)
SE51	1-422-198-11	COIL (SENSOR)
T480	1-459-587-11	COIL (WITH CORE)
T901	1-448-882-11	(US).....TRANSFORMER, POWER
T901	1-448-884-11	(AEP/UK).....TRANSFORMER, POWER
T902	1-448-883-11	(US).....TRANSFORMER, POWER
T902	1-448-885-11	(AEP/UK).....TRANSFORMER, POWER
X300	1-567-539-11	VIBRATOR, CRYSTAL (16.934MHz)
X301	1-567-686-11	OSCILLATOR, CERAMIC (4MHz)
X700	1-567-686-11	OSCILLATOR, CERAMIC (4MHz)

ACCESSORY & PACKING MATERIAL

Part No.	Description
1-463-816-11	REMOTE COMMANDER (RM-D502A)
1-558-271-11	CORD, CONNECTION
3-701-630-01	BAG, POLYETHYLENE
3-703-390-01	(US)....INSTRUCTION
3-703-710-41	STICKER, SONY SYMBOL (12)
3-765-688-11	(AEP/UK)....MANUAL, INSTRUCTION
3-765-688-21	(US).....MANUAL, INSTRUCTION
3-765-688-41	(AEP).....MANUAL, INSTRUCTION
*3-795-629-15	(AEP)....INSTRUCTION
4-913-941-01	HOLDER, COMMANDER
4-917-494-01	BATTERY CASE
4-919-212-01	(US).....INDIVIDUAL CARTON
4-919-212-11	(AEP/UK)....INDIVIDUAL CARTON
4-919-213-01	CUSHION

Sony Corporation
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