

WM-W800

SERVICE MANUAL

*US Model
Canadian Model
AEP Model
UK Model*



SPECIFICATIONS

Tape track 4-track 2-channel stereo

Fast winding time Approx. 3 min. with Sony cassette HF-60

Frequency response Deck A (Dolby NR OFF): 40–15,000 Hz
Deck B: 60–9,000 Hz

Input

External microphone input (stereo minijack) (PLUG IN POWER)
sensitivity 0.35 mV (–67 dB) for low impedance microphone

Output

Headphones jack (stereo minijack)
load impedance 8–300 ohms

Power output

8 mW+8 mW (at 10% harmonic distortion) at dc operation

Power requirements 3 V dc

Two IEC designation R6 batteries (size AA)

DC IN 3 V jack accepts:

Sony AC-D2 ac power adaptor (optional)

(US, Canadian) . . . 120 V ac, 60 Hz

(AEP) 220 V ac, 50 Hz

(UK) 240 V ac, 50 Hz

Sony EBP-500 battery case (optional) for use on two IEC designation
R20 batteries (size D)

Sony DCC-70 car battery cord (optional) for use with 12 V car battery

Battery life (EIAJ)

(hours)

Batteries	Tape playback	Recording (microphone)
Supplied Sony SUM-3(NS) New Super batteries	Approx. 6	Approx. 4
Sony Eveready AM3 alkaline batteries	Approx. 12	Approx. 8

For maximum performance we recommend the use of alkaline batteries.

Dimensions

Approx. 116×88.7×38.2 mm (w/h/d) incl. projecting parts and controls
(4 $\frac{1}{4}$ ×3 $\frac{1}{2}$ ×1 $\frac{7}{16}$ inches)

Approx. 114×84.8×36.2 mm (w/h/d) not incl. projecting parts and controls
(4 $\frac{1}{2}$ ×3 $\frac{3}{8}$ ×1 $\frac{1}{16}$ inches)

Weight

Approx. 350 g (12.4 oz) incl. batteries, not incl. other accessories

Tape Transport Mechanism Type

MT-W800(A)-25 (DECK A)

MT-W800(B)-25 (DECK B)

FEATURES

- **Double-cassette WALKMAN** which can copy a recorded tape on deck A to a tape on deck B.
- **Small-size one-point stereo microphone** supplied.
- **Dolby NR system** reduces tape hiss noise in the playback mode on deck A.
- **PB EQ (playback equalizer) selector** on deck A for optimum playback with standard tapes as well as high-performance metal tapes.
- **MIC (PLUG IN POWER) jack** supplies power to the supplied microphone.

'Dolby' and the double-D symbol are the trade marks of Dolby Laboratories Licensing Corporation. Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.

STEREO CASSETTE CORDER
SONY®

SERVICING NOTES

Replacing chip components

All chip components should be connected and disconnected, using a tapered soldering iron [temperature of the iron tip: less than 280°C (536°F)], a pair of tweezers and braided wire.

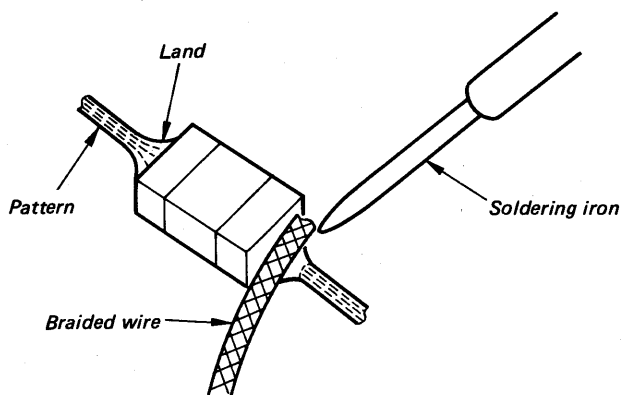
Precautions for replacement

1. Do not disconnect the chip component forcefully. Otherwise, the pattern may peel off.
2. Never re-use a disconnected chip component. Dispose of all old chip components.
3. To protect the chip component, heating time for attaching the component should be within 3 seconds.

○ Removing chip components

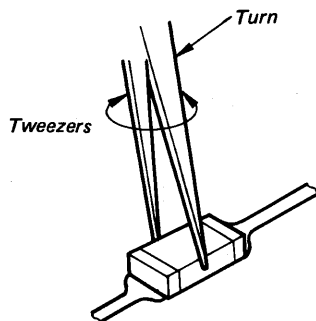
(1) Removing solder at electrode

Remove the solder at the electrode, using a thin braided wire. Do not remove the solder of the part (chip component) attached adjacent to the electrode.



(2) Disconnecting chip components

Turn the tweezers with the soldering iron alternately applied to both electrodes, and the chip component will be disconnected. Take careful precautions while disconnecting, because if the chip component is forcefully removed the land may peel off. Never re-use a disconnected chip component.



(3) Smoothing the soldered surface

After disconnecting the chip component, remove the solder by using a braided wire to smooth the land surface.

○ Connecting chip components

The value of chip components is not displayed on the main body. Take due precautions to avoid mixing new chip components with other ones.

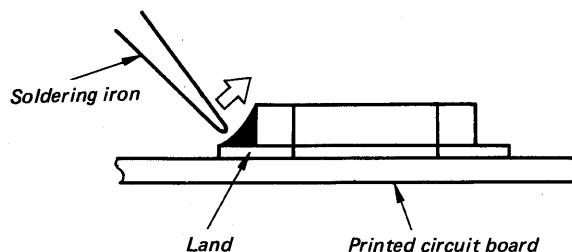
(1) Applying solder to land on one side

Apply a thin layer of solder to the land on one side where the chip component is to be connected. Too much solder may cause bridging.



(2) Speedy soldering

Hold the chip component at the desired position, using tweezers, and apply the soldering iron in the arrow-marked direction. To protect the chip component, heating time should be within 3 seconds.

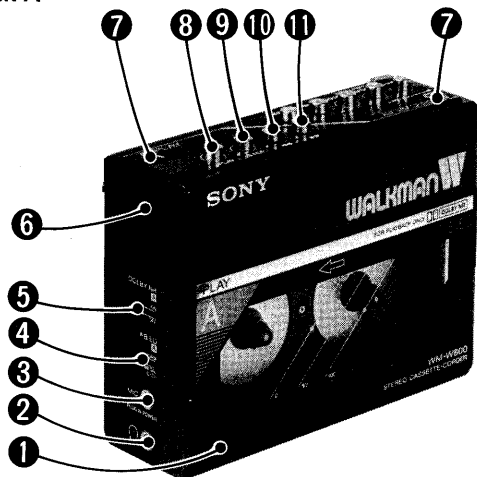


(3) Speedy soldering of electrode on the other side

Solder the electrode on the other side in the same way as in (2) above.

PARTS IDENTIFICATION

Deck A



- ① Cassette compartment (deck A)
- ② Headphone jack (stereo minijack)
- ③ MIC (microphone) (PLUG IN POWER) jack (stereo minijack)
- ④ PB EQ (playback equalizer) selector
- ⑤ ISS (Inteference Suppress Switch)/DOLBY NR selector
- ⑥ PUSH OPEN button
- ⑦ Battery compartment

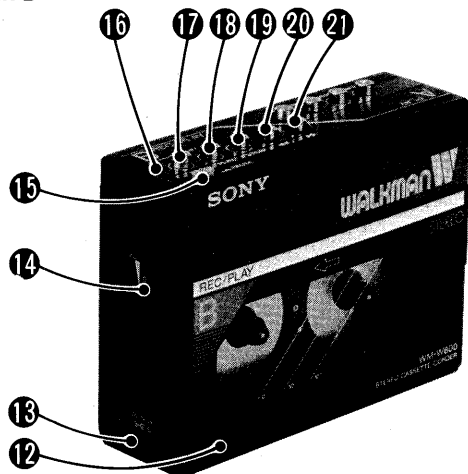
operation buttons on deck A

- ⑧ PLAY (playback) button
- ⑨ STOP button
- ⑩ ◀◀ (fast-forward) button
- ⑪ ▶▶ (rewind) button
- ⑫ Cassette compartment (deck B)
- ⑬ DC IN 3V (external power input) jack
- ⑭ VOL (volume) control
- ⑮ PAUSE switch
- ⑯ OPR/BATT (operation/battery) indicator

operation buttons on deck B

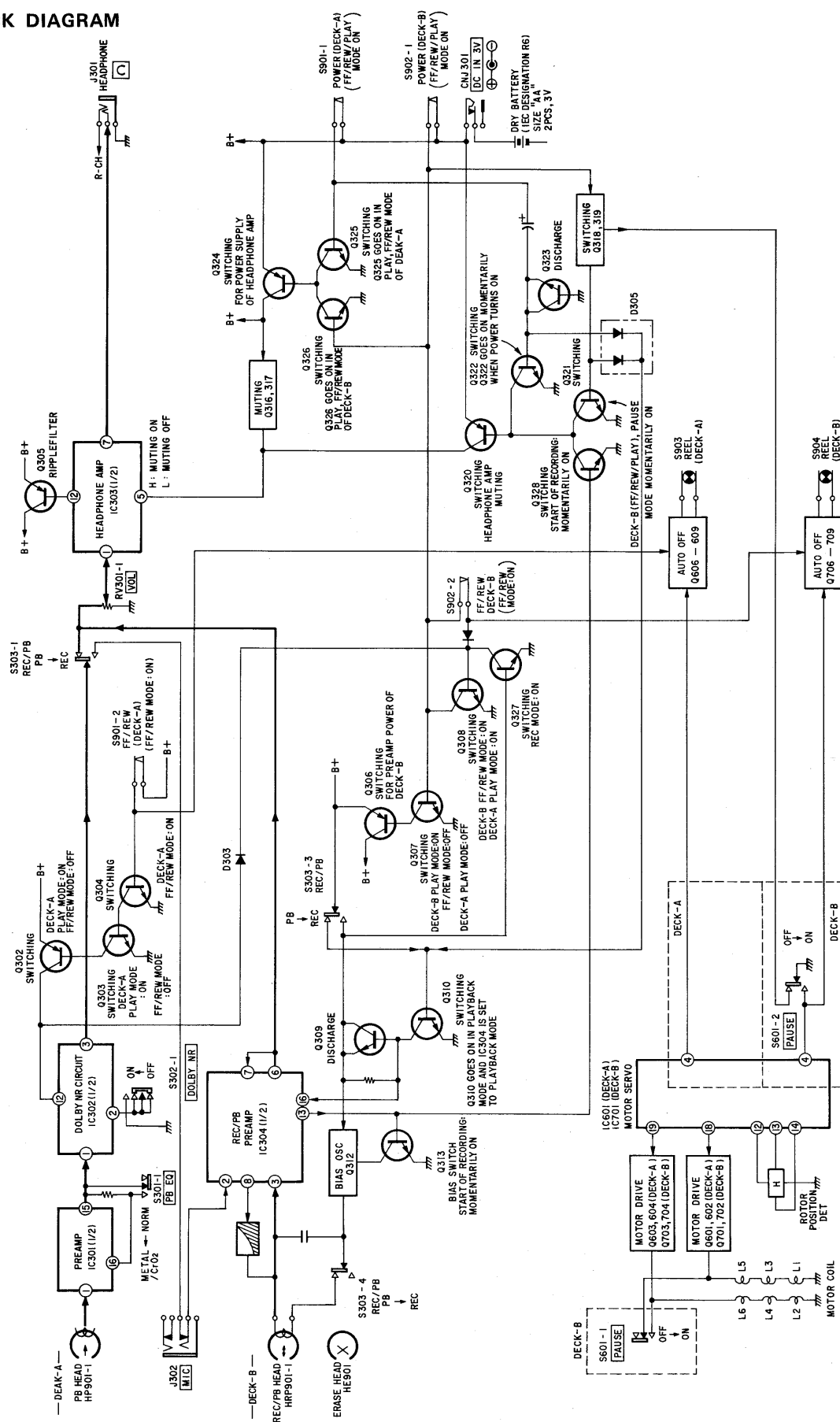
- ⑰ REC (record) button
- ⑱ PLAY (playback) button
- ⑲ STOP button
- ⑳ ◀◀ (fast-forward) button
- ㉑ ▶▶ (rewind) button

Deck B



SECTION 1 BLOCK DIAGRAM

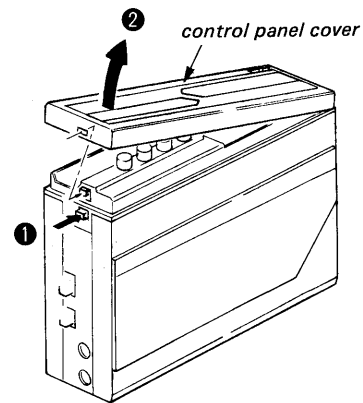
1-1. BLOCK DIAGRAM



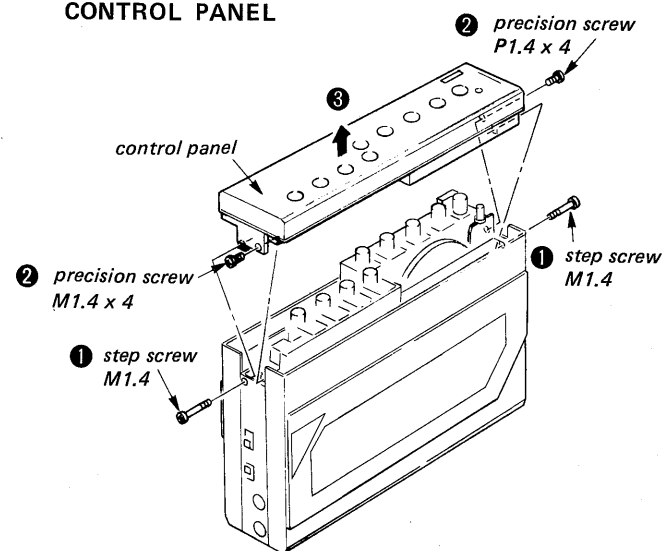
SECTION 2 DISASSEMBLY

- Follow the disassembly procedure in the numerical order given.
- Assemble in the reverse order of disassembling.

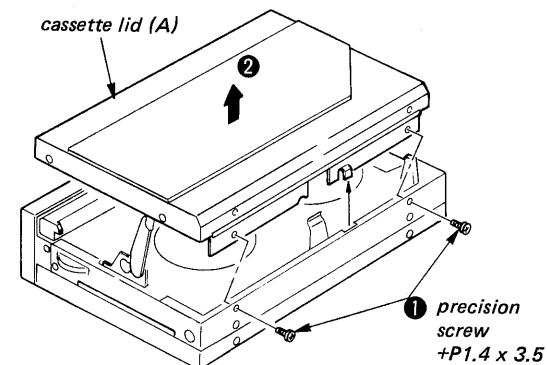
CONTROL PANEL COVER



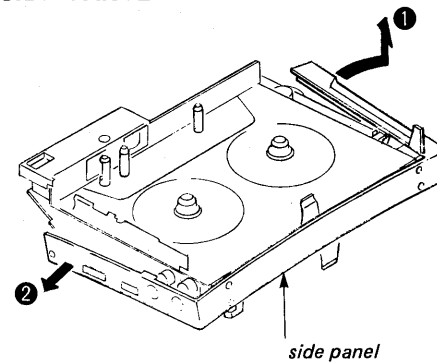
CONTROL PANEL



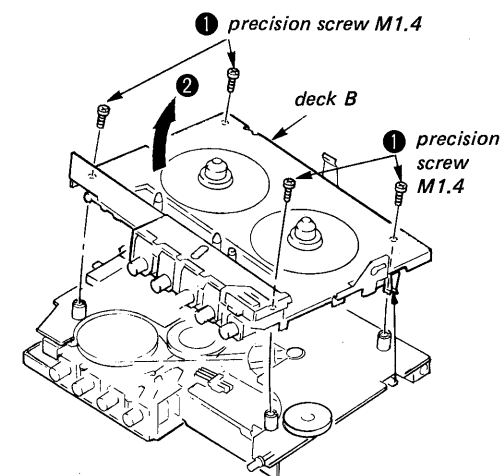
CASSETTE LID (A)



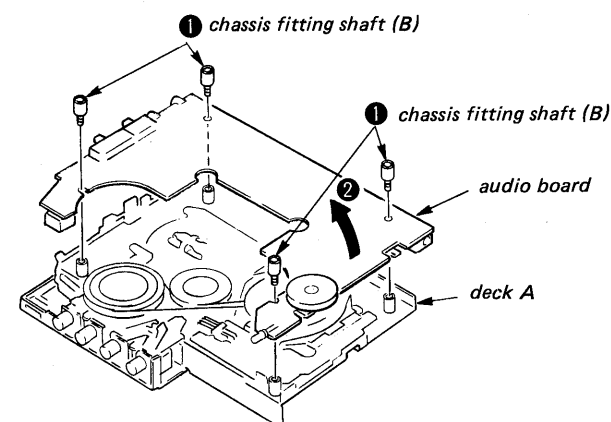
SIDE PANEL



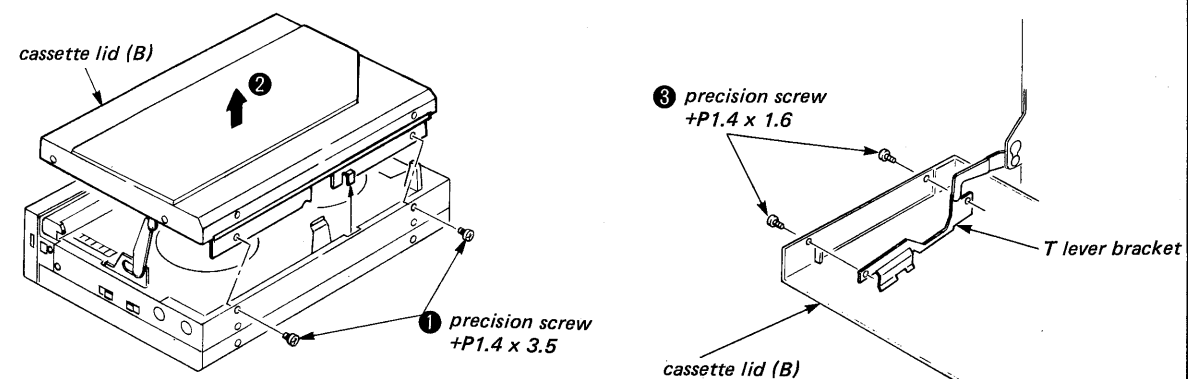
DECK B



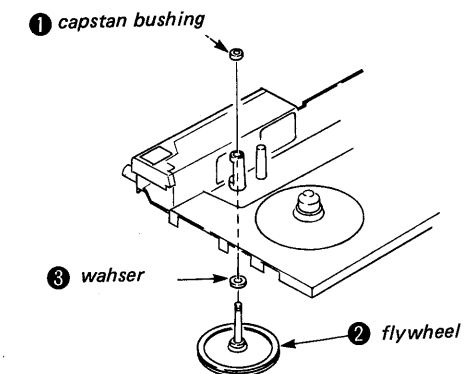
AUDIO BOARD/DECK A



CASSETTE LID (B)

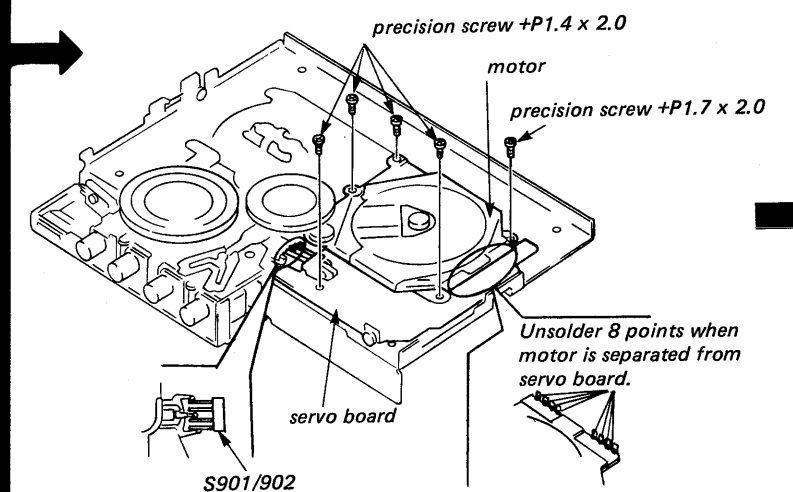


FLYWHEEL

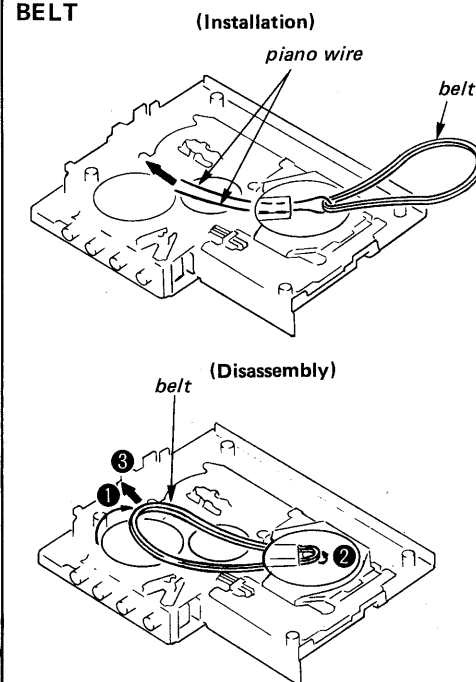


Note:
Be sure to replace the capstan bushing
with a new one after removing it.

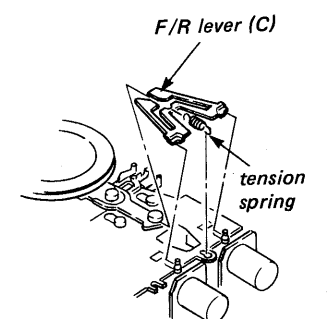
MOTOR/SERVO BOARD



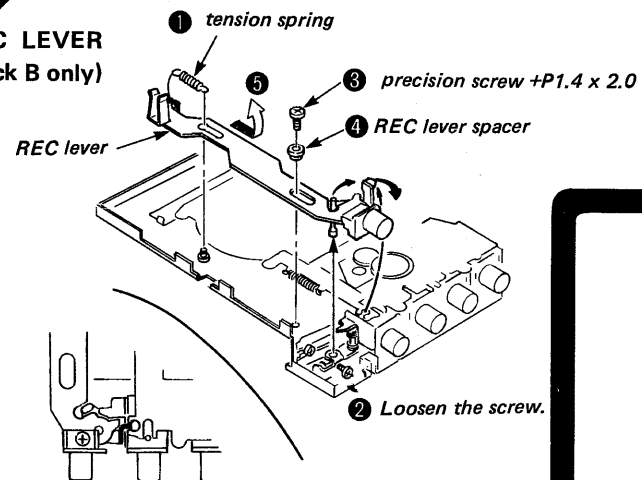
BELT



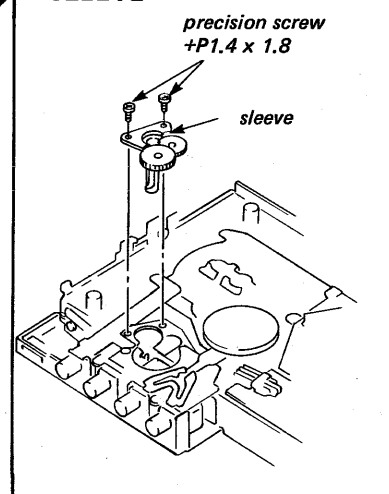
F/R LEVER (C)



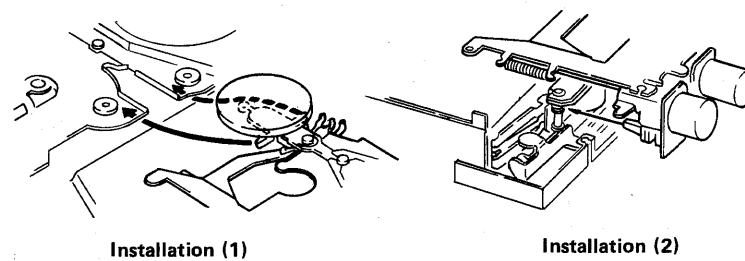
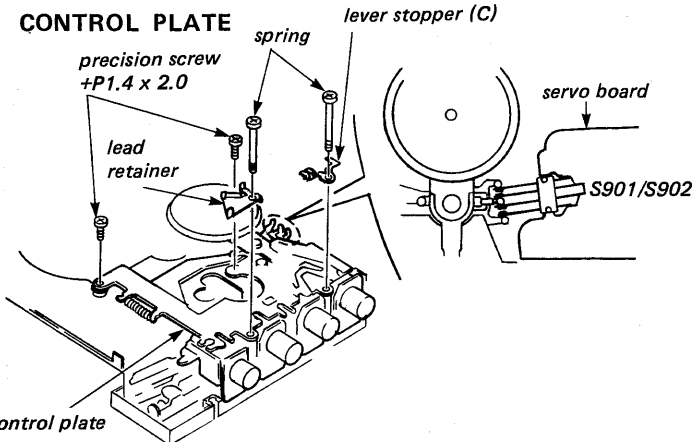
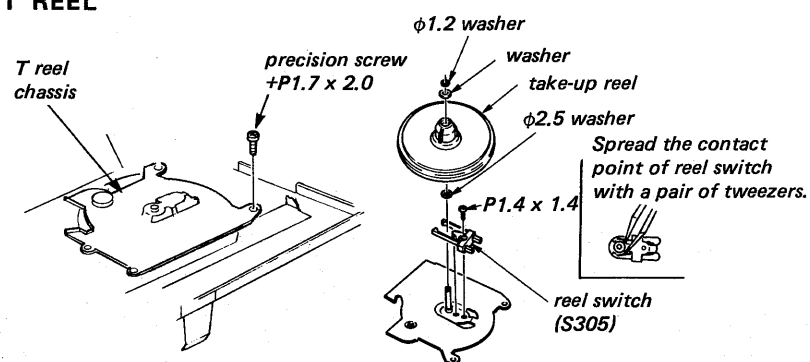
REC LEVER
(Deck B only)



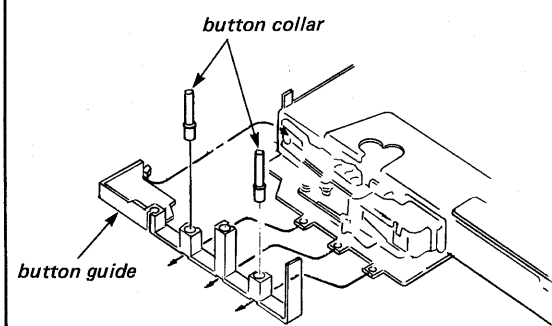
SLEEVE



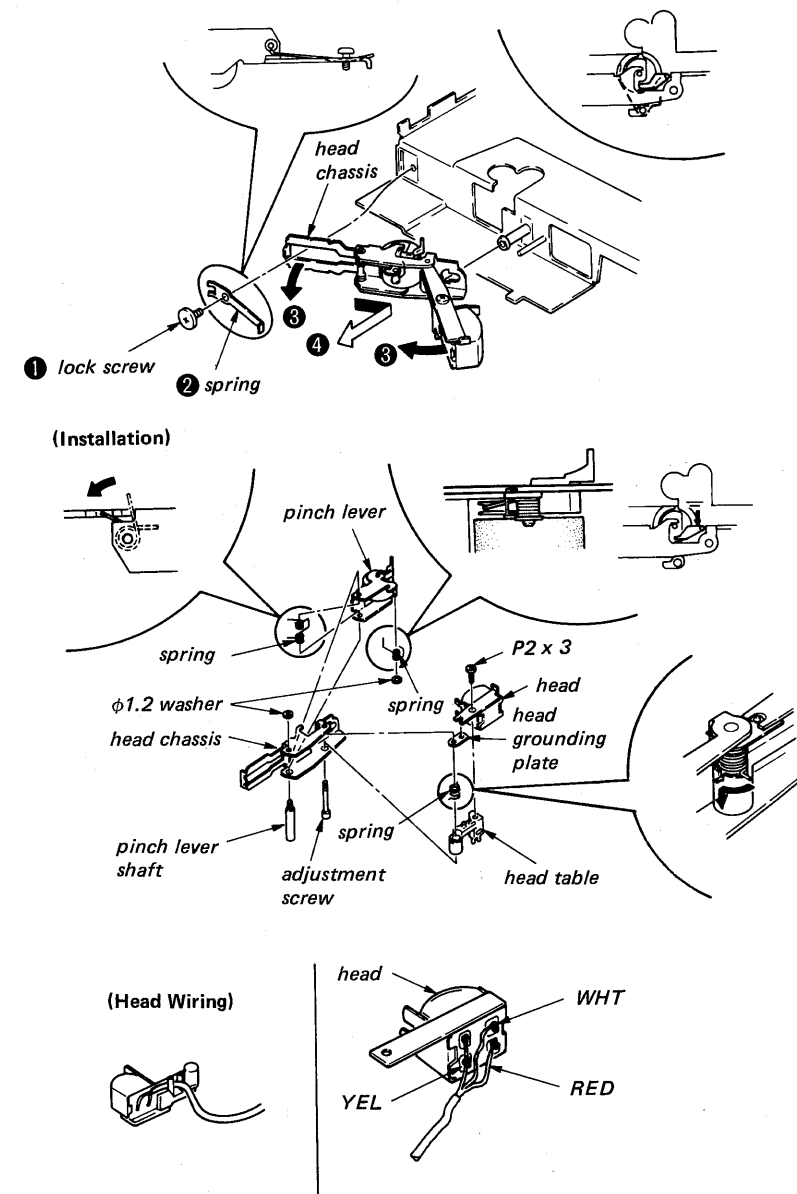
T REEL



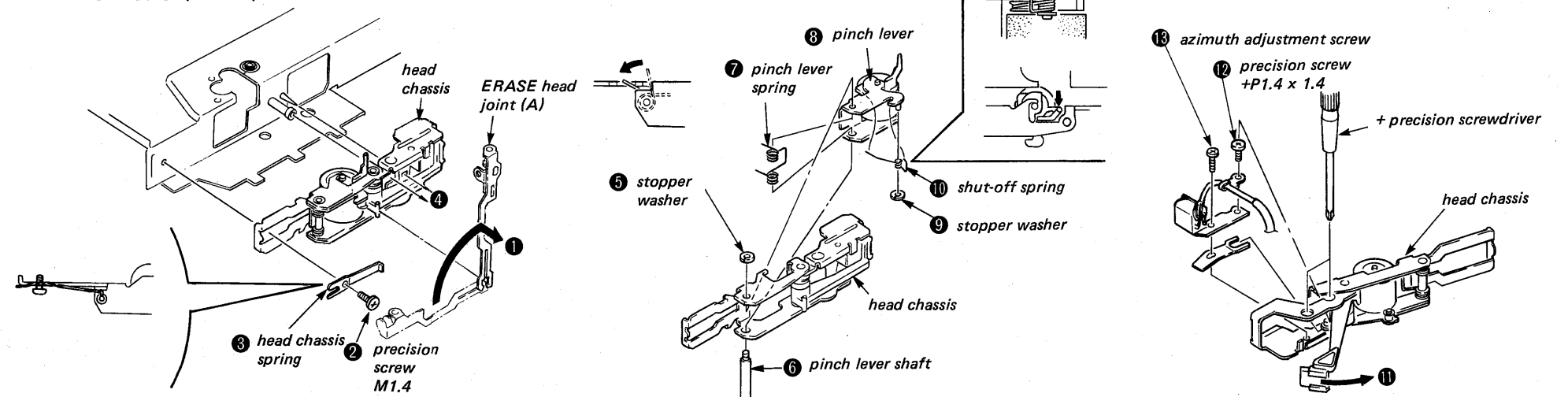
BUTTON GUIDE



HEAD CHASSIS (Deck A)



HEAD CHASSIS (Deck B)



SECTION 3 ADJUSTMENTS

PRECAUTION

1. Clean the following parts with a denatured-alcohol-moistened swab:

REC/PB head	pinch roller
capstan	rubber belts
erase head	

2. Demagnetize the REC/PB head with a head demagnetizer.
(Take care not to demagnetize the erase head.)
3. Do not use a magnetized screwdriver for the adjustments.
4. The adjustments should be performed with the rated power supply voltage (2.5V) unless otherwise noted.

Pinch Roller Pressure Measurement

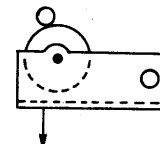
Procedure:

— playback mode —

1. Pull the spring scale in the direction of the arrow.
2. Slowly return the pinch roller and read the spring scale just when the pinch roller starts to rotate.

Specifications:

$150 \pm 20\text{g}$



3-1. MECHANICAL ADJUSTMENTS

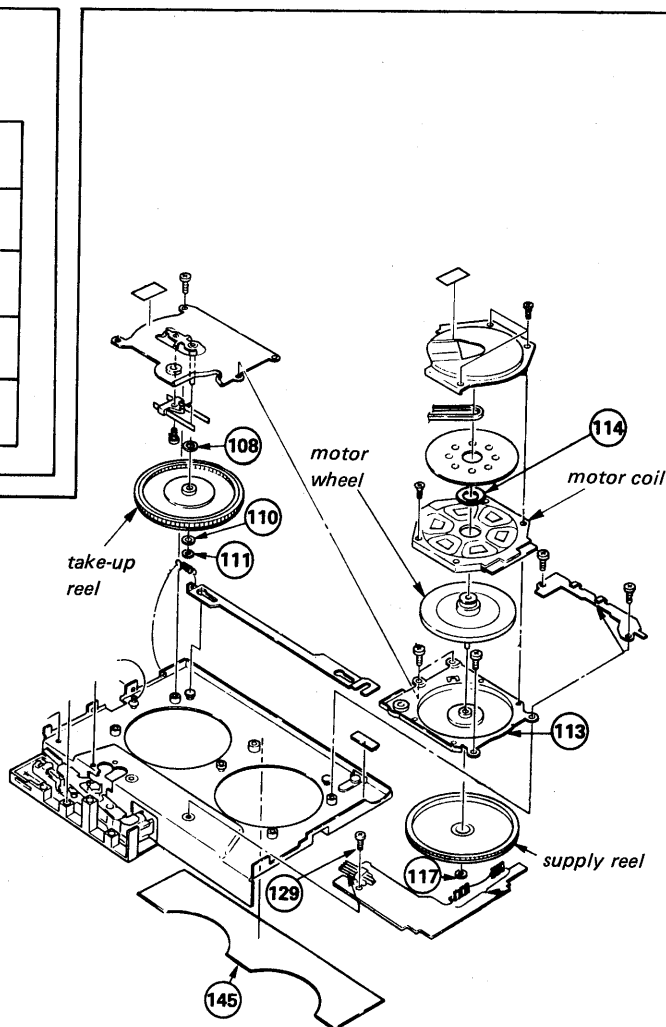
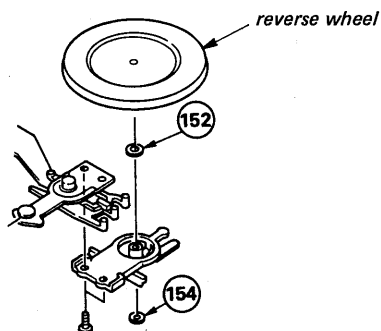
Torque Measurement

Perform with 2.5V DC power.

	Torque meter	Meter reading
FWD	CQ-102C	20 – 40 g-cm (0.28 – 0.56 oz-inch)
FF, REW	CQ-201B	More than 60 g-cm (More than 0.83 oz-inch)
Back Tension	CQ-102C	0 – 2.5 g-cm (0 – 0.034 oz-inch)
Tape Pulling Force	CQ-403	More than 45 g-cm (More than 0.62 oz-inch)

Thrust Clearance Adjustment

	Thrust clearance	Adjustment Parts (Refer to exploded views and parts list.)
Motor wheel	0.2mm	No. 114
Take-up reel	0.05–0.15mm	No. 108/110/111
Supply reel	0.05–0.15mm	No. 117
Reverse wheel	0.05–0.15mm	No. 152/154



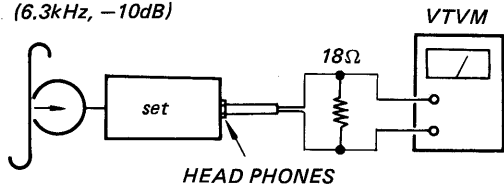
3-2. ELECTRICAL ADJUSTMENTS

Record/Playback Head Azimuth Adjustment

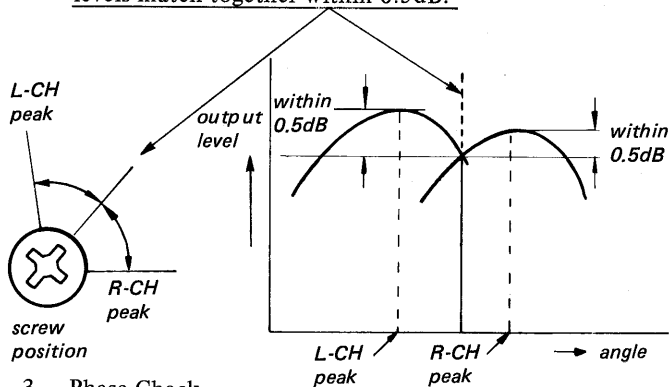
Procedure:

1. Mode: playback

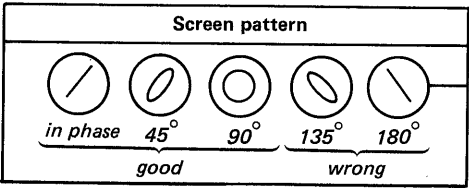
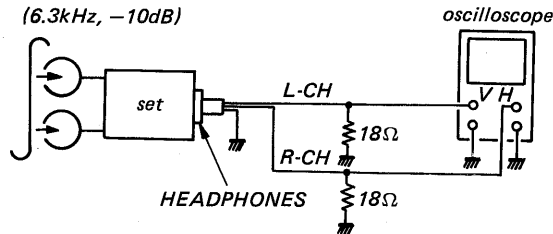
test tape
P-4-A063
(6.3kHz, -10dB)



2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 0.5dB.



3. Phase Check
Mode: playback
test tape
P-4-A063
(6.3kHz, -10dB)



Tape Speed Adjustment

Setting:

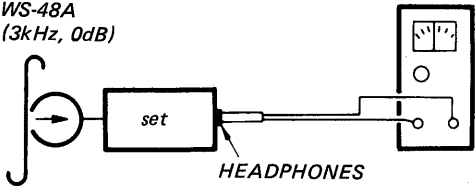
VOLUME control: mechanical mid

Procedure:

- Mode: playback

test tape
WS-48A
(3kHz, 0dB)

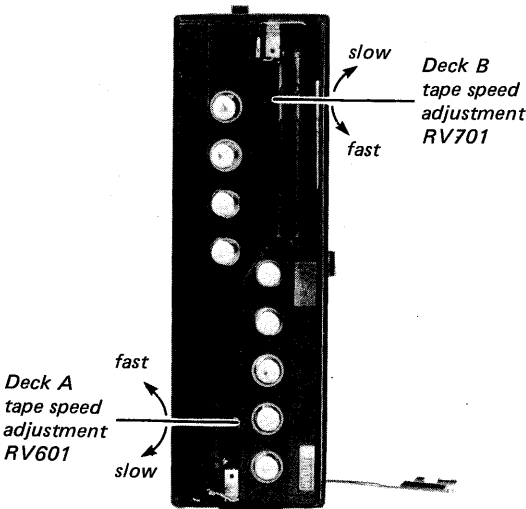
speed checker
LFM-30
or
digital frequency
counter



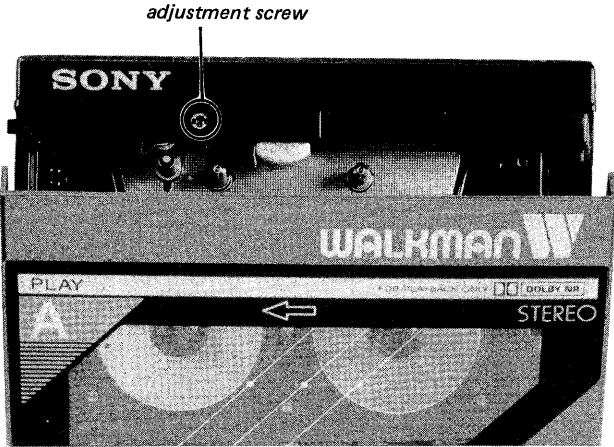
Specification:

Deck A	3,000 – 3,020Hz (3,010 ±0.3%)
Deck B	2,980 – 3,000Hz (2,990 ±0.3%)

Adjustment Location:



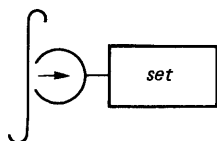
Adjustment Location:



Dolby NR Level Adjustment**Setting:**

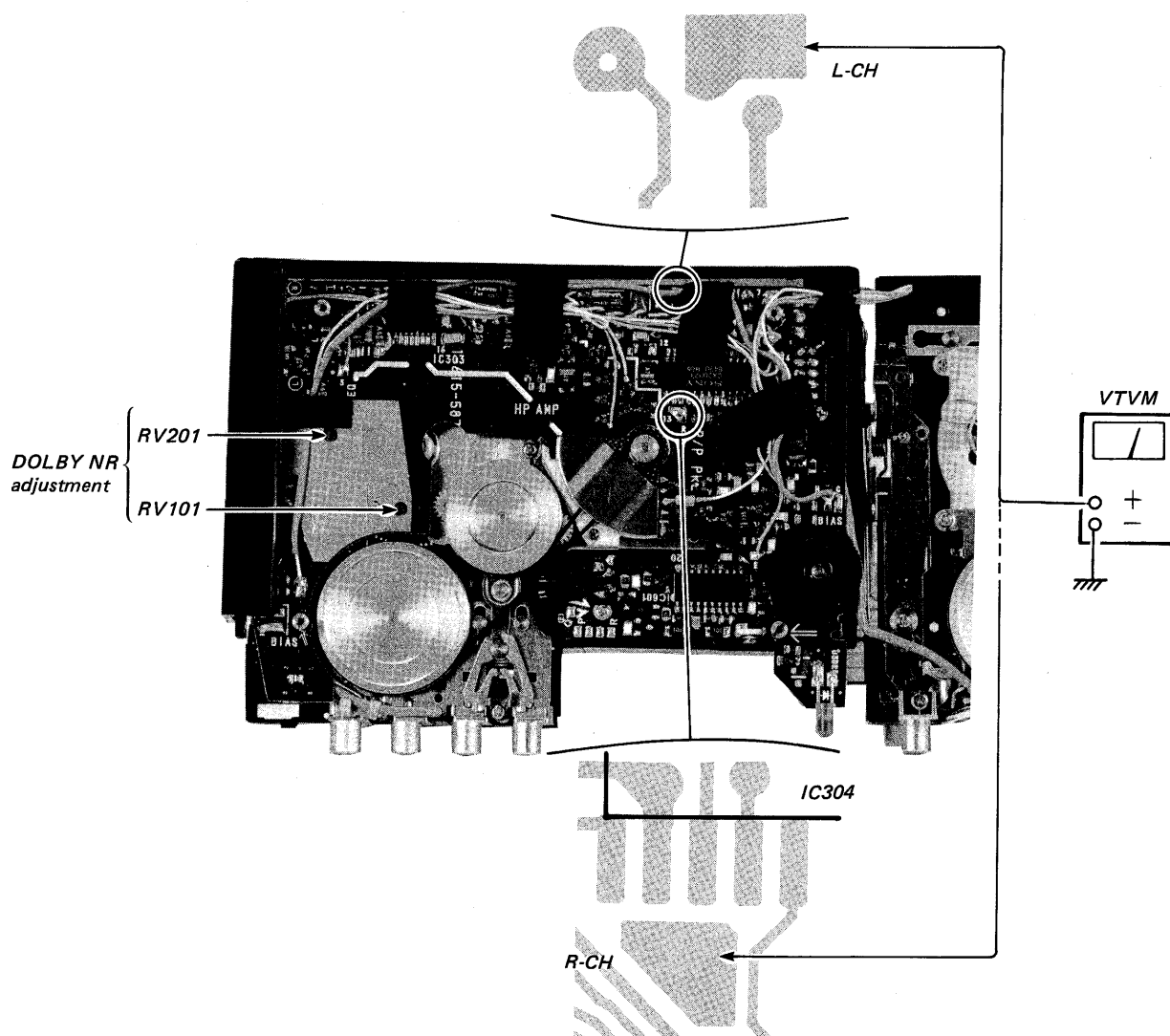
TAPE switch: NORM
 DOLBY NR switch: off
 VOLUME control: minimum

test tape
 P-4-L300
 (315Hz, 0dB)

**Procedure:**

Adjust RV101 (L-CH), RV201 (R-CH) to obtain
 $-27.7\text{dB} \pm 0.5\text{dB}$ (0.030V to 0.033V) output
 level.

Adjustment Location: Audio board



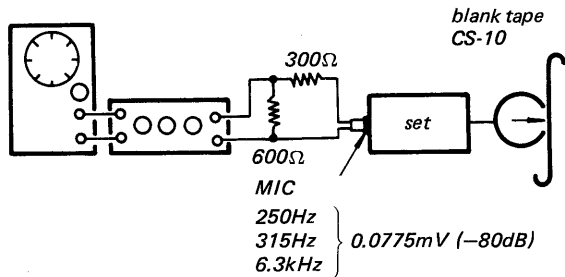
RECORD BIAS ADJUSTMENT

Setting:

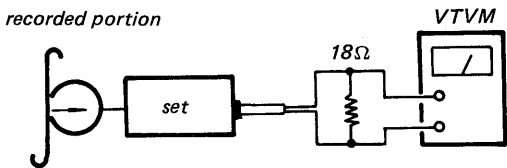
VOLUME control: MECHANICAL MID

Procedure:

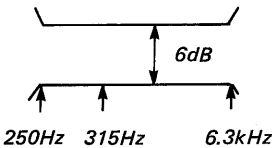
1. Recording Mode (Deck B)



2. Playback Mode (Deck B)



3. Specifications

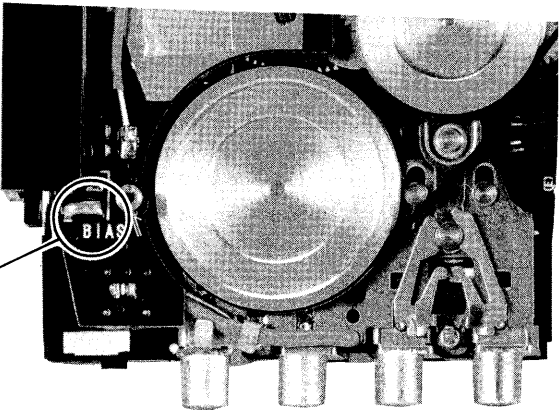
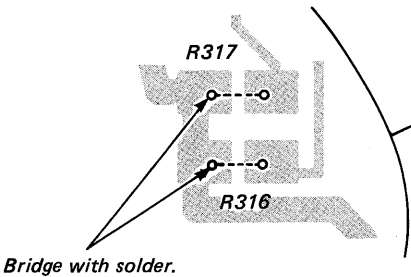


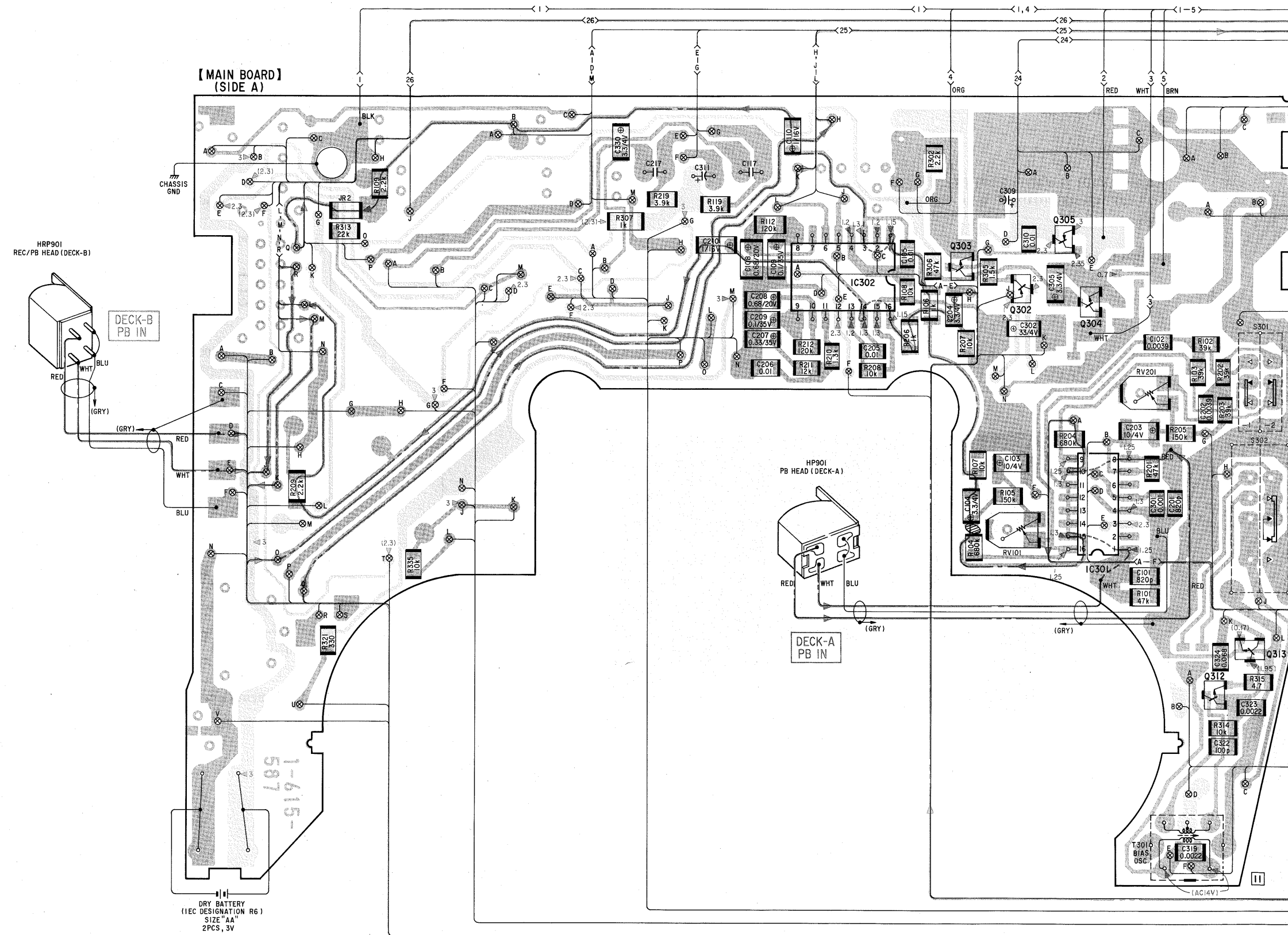
If necessary, change resistor connection and repeat the above step 1 through 3.

○ mark: pattern bridge

R316	R317	6.3kHz output level
○	○	LOW ↑ ↓ HIGH
○		
	○	

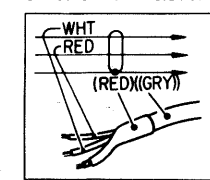
Adjustment Location: Audio board



[illegible]

Note:

- Color code of sleeving over the end of the jacket.

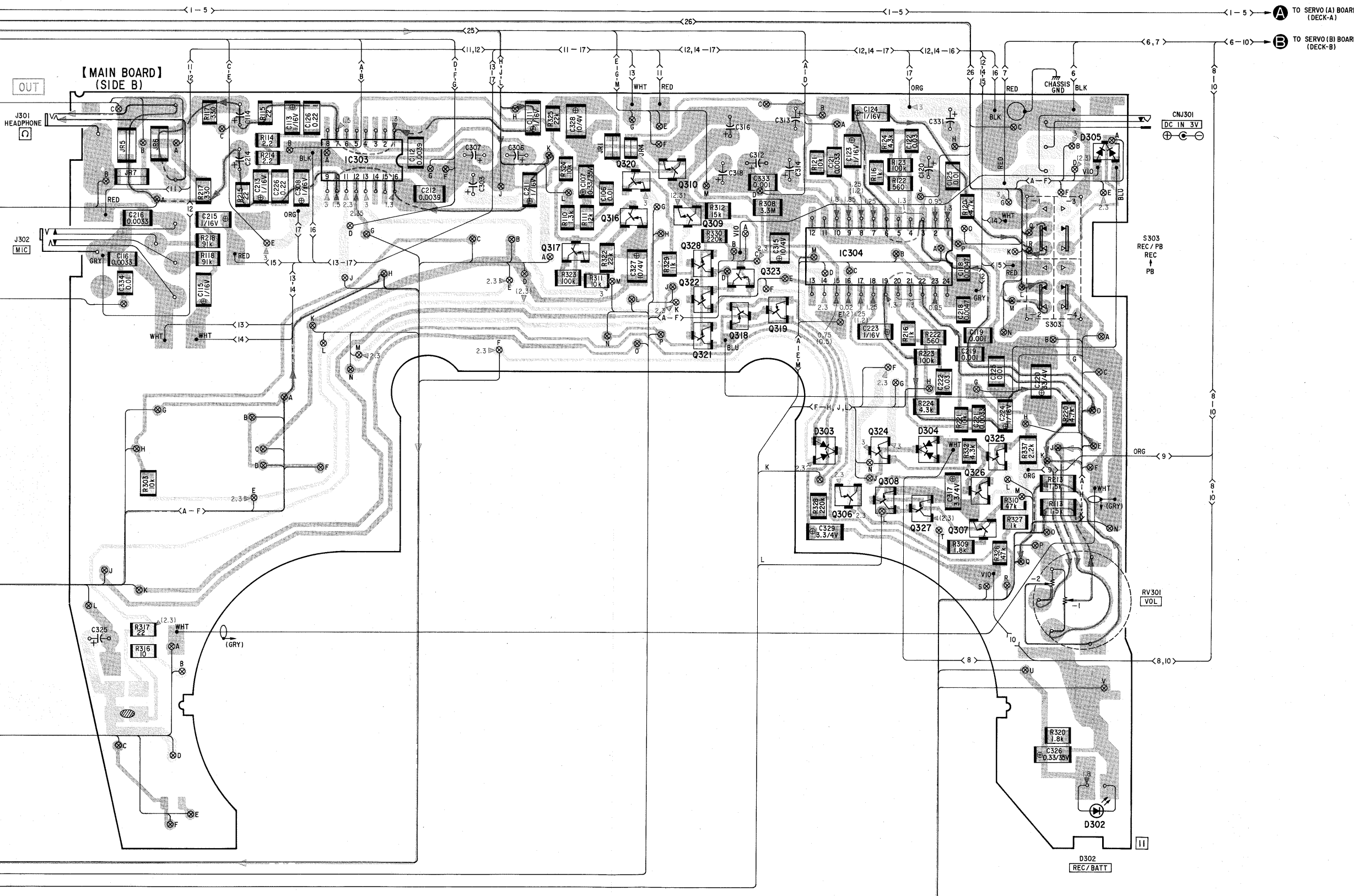


- — : parts extracted from the conductor side.
- □ → : indicates side identified with part number.
- ⊗ : Through hole.
- — → : signal path
- — → : L-CH signal path
- — → : R-CH signal path
- ■ : B + pattern

OUT

【MAIN BOARD】
(SIDE B)

Q	IC303		317	320 316	310	309 322 321	328 323 318	319	306	IC304 324 308	327	326 307	325		Q
IC															IC
D									303		304			305	D

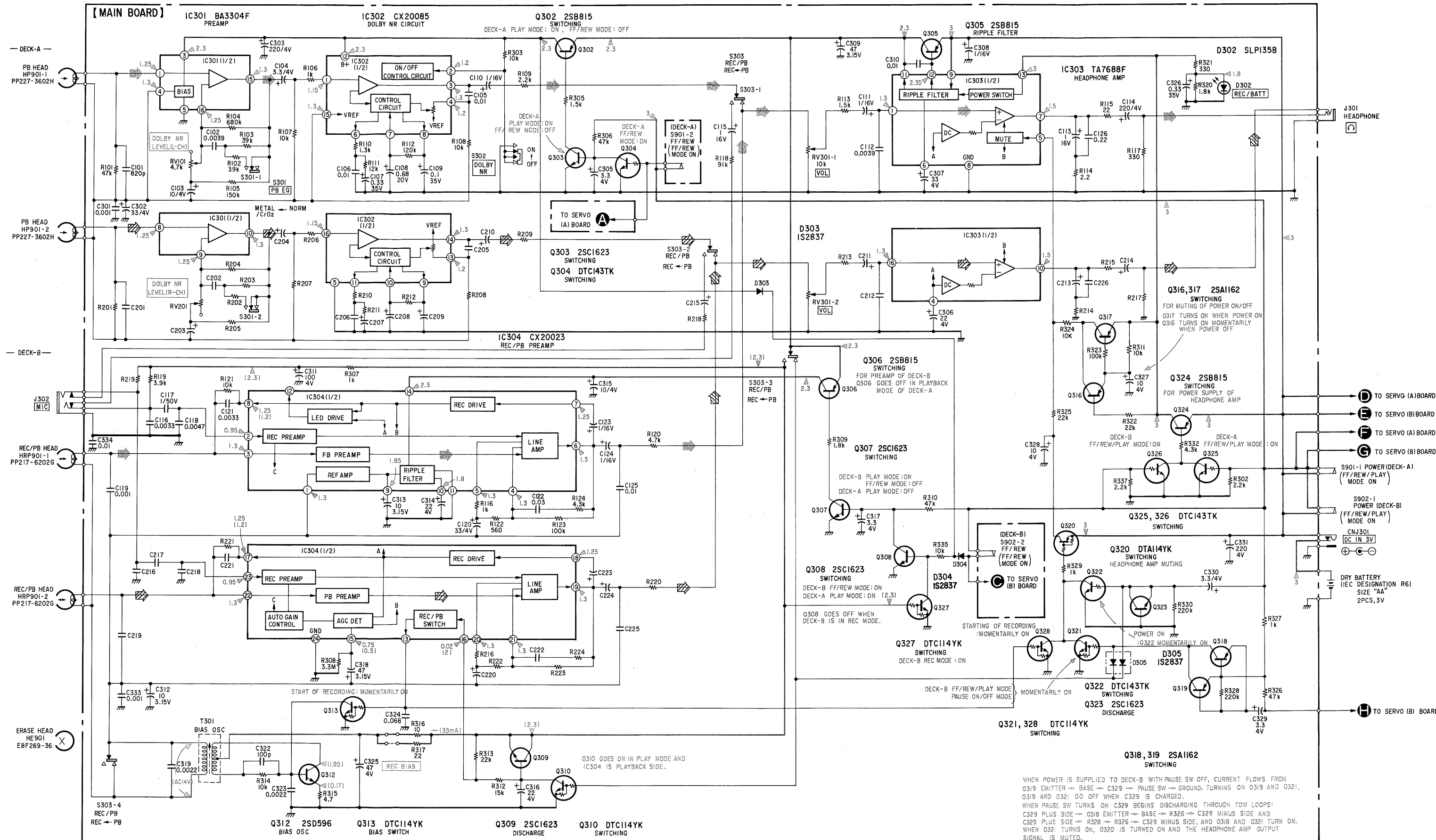


TO SERVO (A) BOARD
(DECK-A)

TO SERVO (B) BOARD
(DECK-B)

TO SERVO (B) BOAR
(DECK-B)

Ref. No.	Switch	Position
S301	PB EQ	NORM
S302	DOLBY NR	OFF
S303	REC/PB	PB
S901-1	POWER (DECK-A)	OFF
S901-2	FF/REW (DECK-A)	OFF
S902-1	POWER (DECK-B)	OFF
S902-2	FF/REW (DECK-B)	

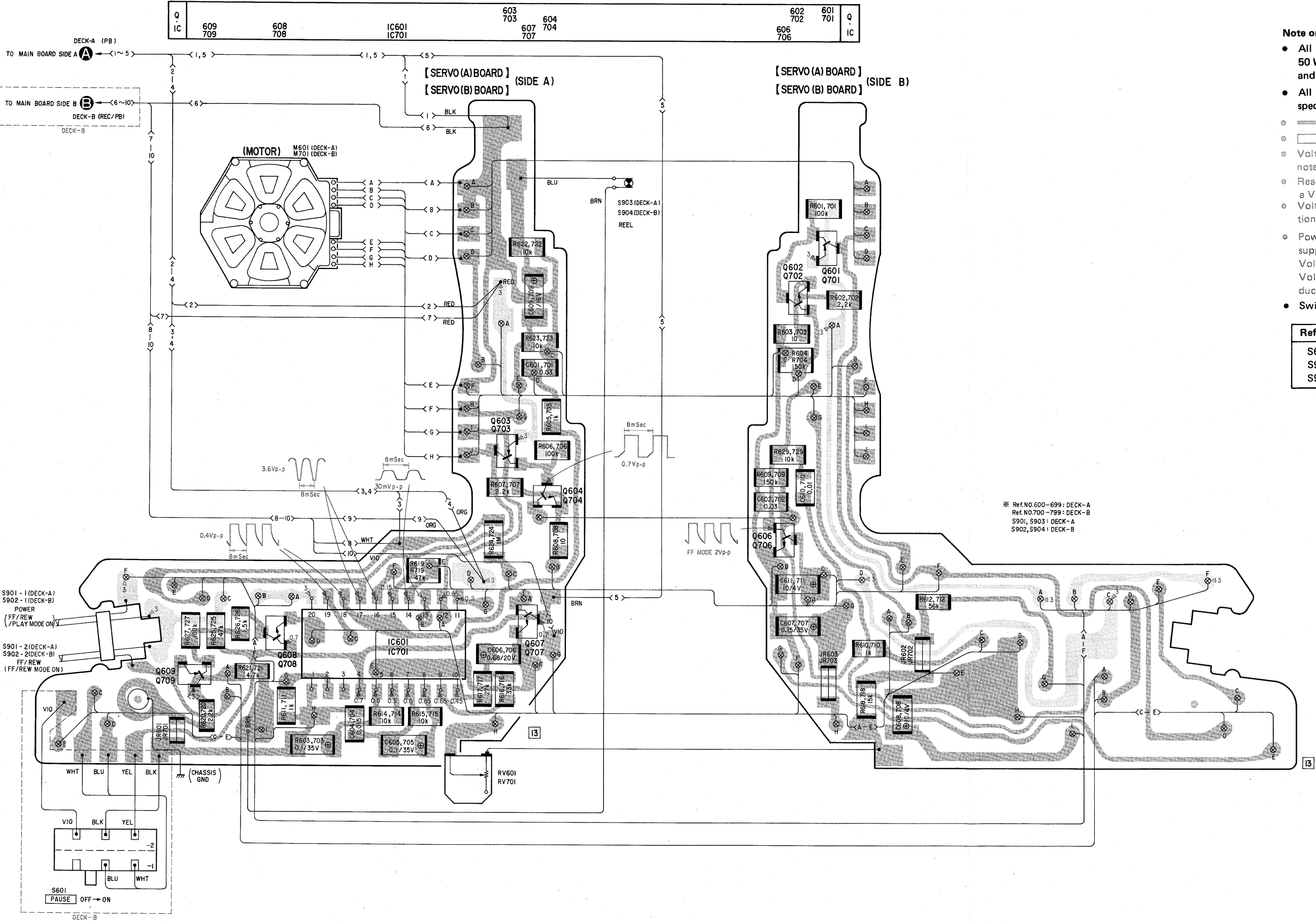


2SB624-BU
2SB815
2SC1623
2SD596
DTC114YK
DTC143TK



4-3. MOUNTING DIAGRAM
- SERVO SECTION -

Note:
● : parts extracted from the conductor side.
⊗ : Through hole.
⊙ : B + pattern

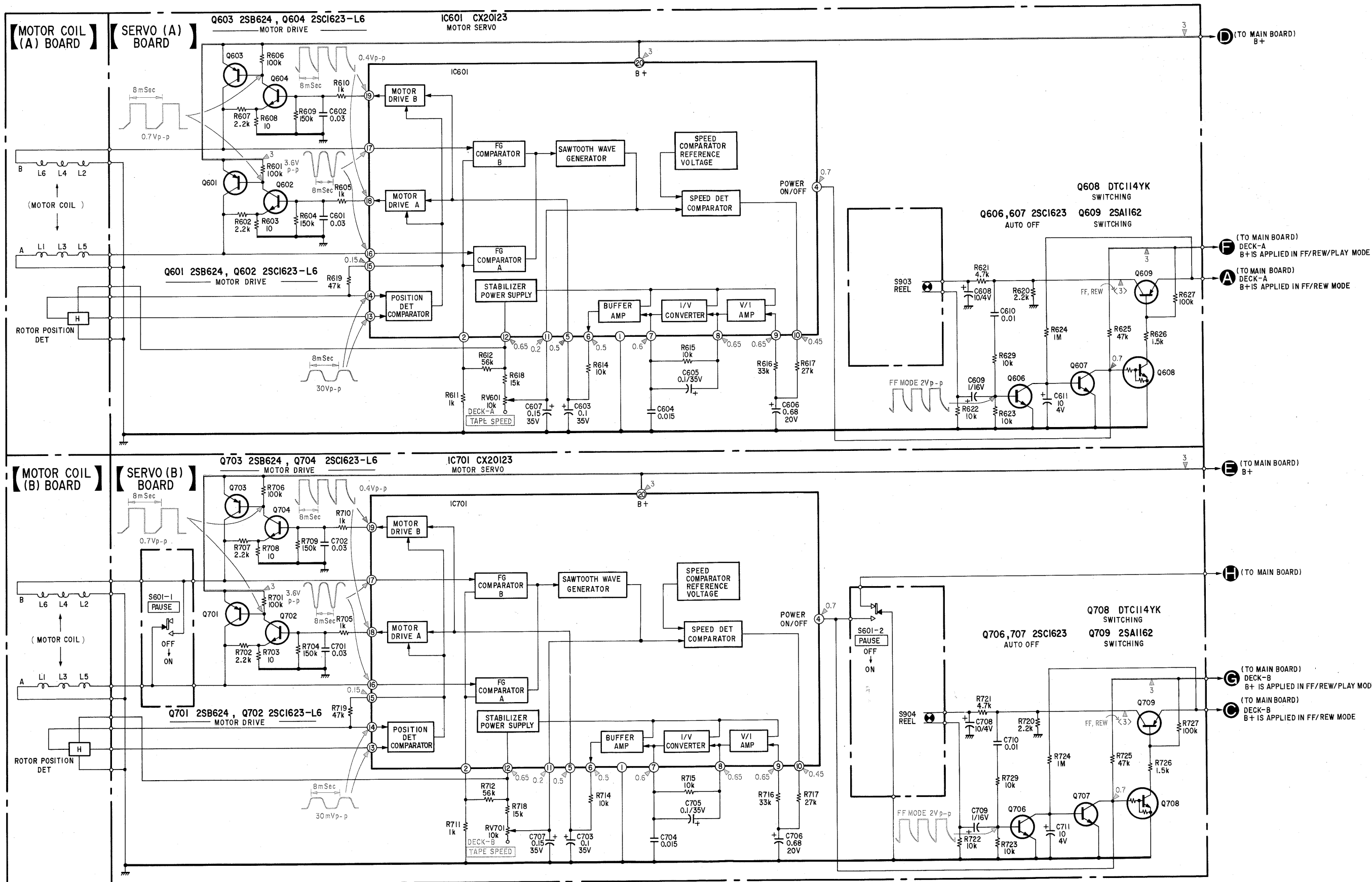


Note on schematic diagram:
● All capacitors are in μF unless otherwise noted. pF : μF
50 WV or less are not indicated except for electrolytics
and tantalums.
● All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise
specified.
⊙ : B+ bus.
⊙ : adjustment for repair.
● Voltages are dc with respect to ground unless otherwise
noted.
● Readings are taken under no-signal conditions with
a VOM (50k Ω /V).
● Voltage variations may be noted due to normal produc-
tion tolerances.
● Power voltage is DC 3V and fed with regulated dc power
supply from DC JACK.
Voltages are dc with respect to ground in PB mode.
Voltage variations may be noted due to normal pro-
duction tolerances.

● Switch

Ref. No.	Switch	Position
S601	PAUSE	OFF
S903	REEL (DECK-A)	-
S904	REEL (DECK-B)	-

4.4. SCHEMATIC DIAGRAM (Refer to page 22 for notes.)
— SERVO SECTION —



REVISED

WM-W800

SECTION 5 EXPLODED VIEWS AND PARTS LIST

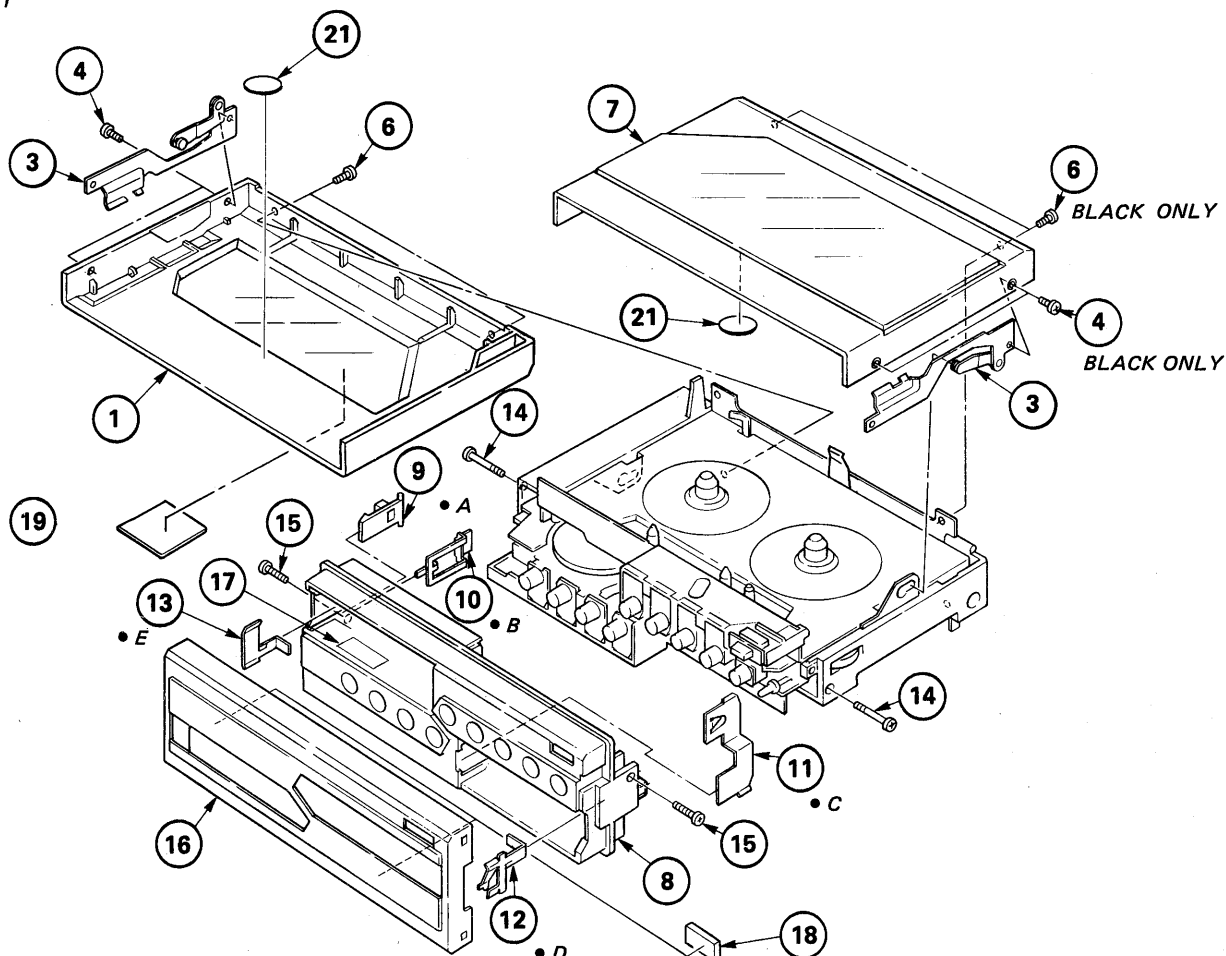
NOTE:

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.

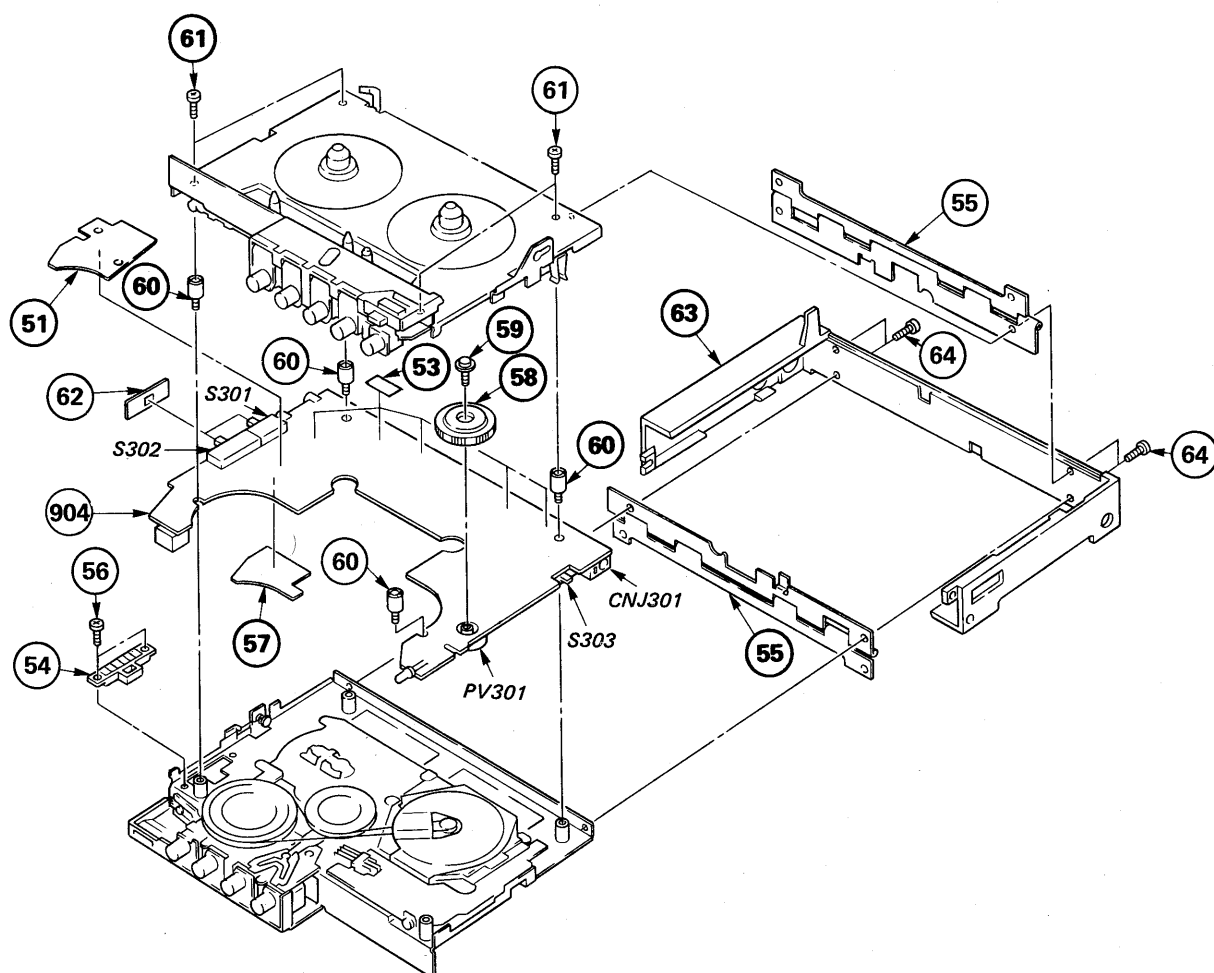
The construction parts of an assembled part are indicated with a collation number in the remark column.

(1)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	X-3325-115-1	(BLACK)....LID (A) ASSY, CASSETTE		10	3-325-109-01	SPRING	
	X-3325-116-1	(SILVER)....LID (A) ASSY, CASSETTE		11	3-325-125-01	TERMINAL (A), BATTERY	
3	X-3325-101-1	BRACKET ASSY, T LEVER		12	3-325-107-01	TERMINAL (B), BATTERY	
4	7-627-850-47	(SILVER)....SCREW, PRECISION +P 1.4X1.6		13	3-325-102-01	TERMINAL (C), BATTERY	
	7-627-850-48	(BLACK)....SCREW, PRECISION +P 1.4X1.6		14	3-325-117-01	SCREW (M1.4), STEP, SPECIAL	
6	7-627-850-17	(SILVER)....SCREW, PRECISION +P 1.4X2.5		15	7-627-850-68	SCREW, PRECISION +P 1.4X4	
	7-627-850-18	(BLACK)....SCREW, PRECISION +P 1.4X2.5		16	3-325-128-11	COVER, CONTROL PANEL	
7	X-3325-105-1	LID (B) ASSY (BLACK), CASSETTE		17	3-527-213-00	LABEL, SERIAL NUMBER	
8	A-3043-104-A	PANEL ASSY, CONTROL		18	9-911-815-01	CUSHION	
9	3-325-124-01	CLAW, LOCK, COVER		19	*3-703-710-01	STICKER, SONY SYMBOL (12)	
				21	*3-323-130-11	CUSHION, CASSETTE	

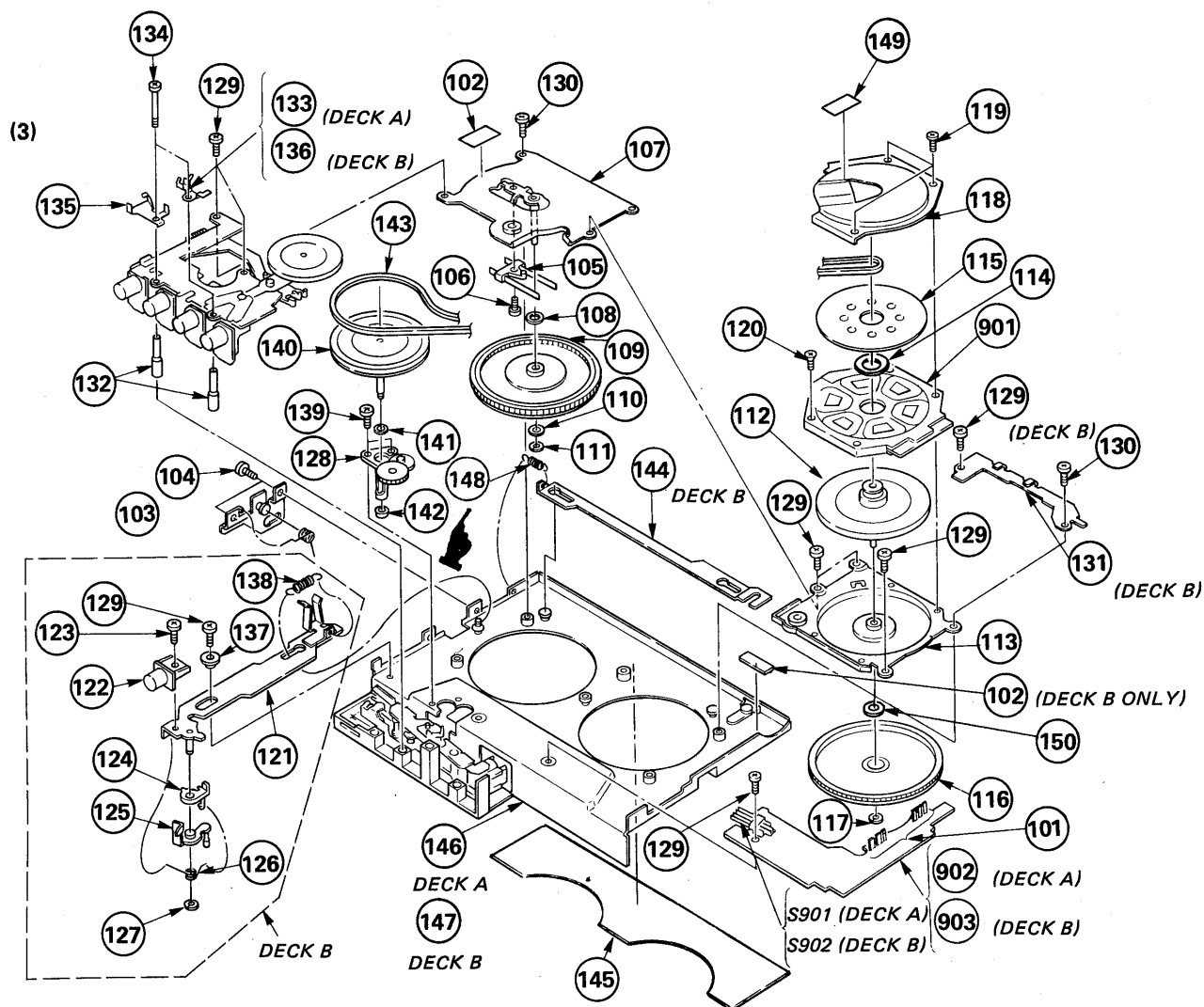
(2)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
51	*3-325-158-01	PLATE (A), SHIELD		59	3-703-502-31	SCREW	
52	*3-325-159-01	PLATE (B), SHIELD		60	3-325-104-01	SHAFT (B), FITTING, CHASSIS	
53	3-831-441-XX	CUSHION		61	3-703-816-02	SCREW (M1.4X2.0), SPECIAL HEAD	
54	1-536-861-21	MOLD (B)		62	*3-325-103-01	COVER, SWITCH	
55	X-3325-103-1	PLATE ASSY, HINGE		63	3-325-129-11	PANEL, SIDE	
56	7-627-850-08	SCREW, PRECISION +P 1.4X2		64	7-627-850-58	SCREW, PRECISION +P 1.4X3.5	
57	*3-325-170-01	SHEET, SHIELD		904	A-3015-373-A	MOUNTED PCB, AUDIO	
58	3-325-127-01	KNOB, CONTROL					

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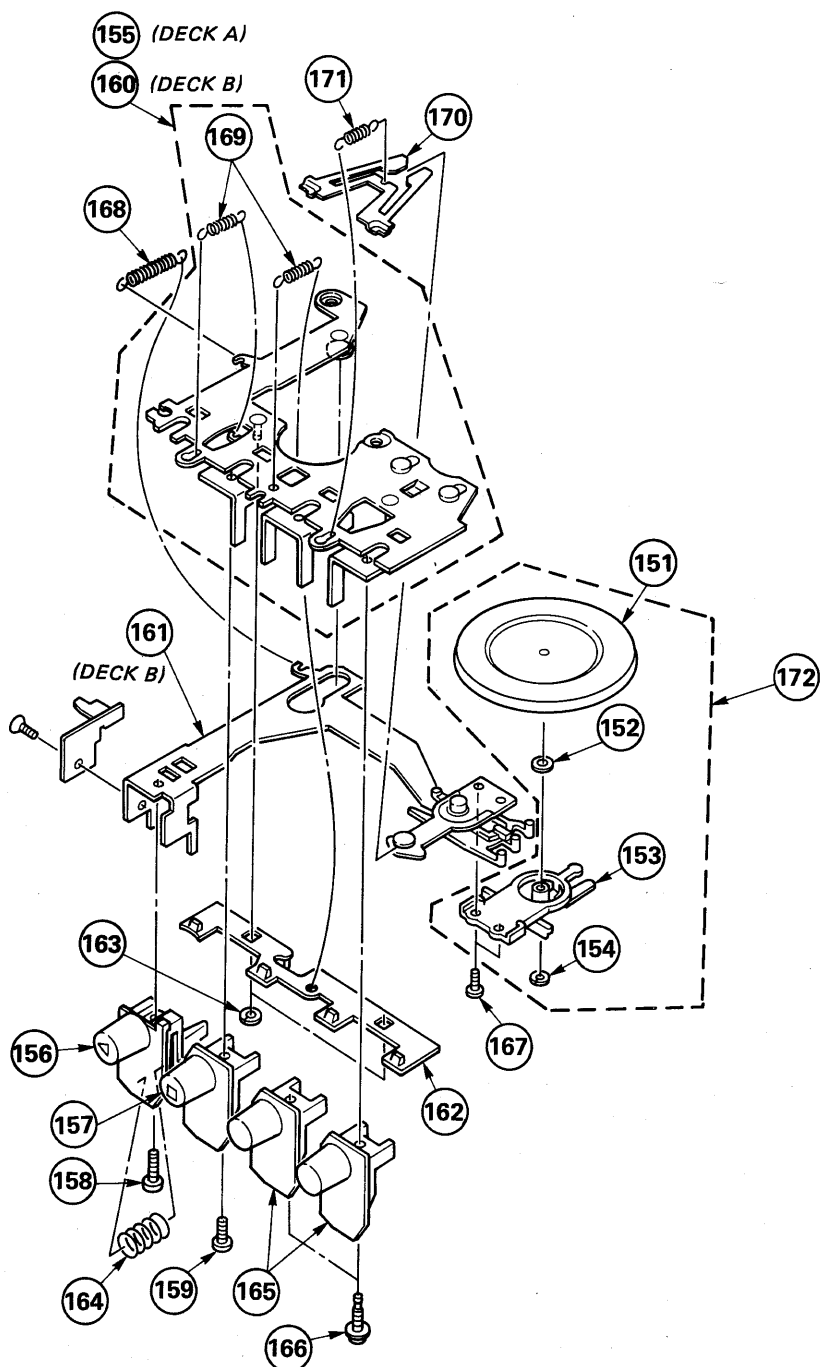
WM-W800



No.	Part No.	Description	Remarks
101	3-315-301-11	TERMINAL BOARD, MOTOR	
102	3-831-441-XX	CUSHION	
103	X-3325-111-1	STOPPER ASSY, T	
104	7-627-850-37	SCREW, PRECISION +P 1.4X1.4	
105	3-315-412-00	CONTACT, OUTSERT	
106	7-627-850-37	SCREW, PRECISION +P 1.4X1.4	
107	X-3315-314-0	CHASSIS ASSY, TAKE-UP REEL	
109	X-3315-315-0	GEAR ASSY, TAKE-UP REEL	
110	3-317-701-01	WASHER	
	3-317-701-11	WASHER	
111	3-315-384-01	WASHER, STOPPER (t=0.13)	
	3-315-384-11	WASHER, STOPPER (t=0.25)	
112	A-3133-205-A	WHEEL ASSY BLOCK ASSY, MOTOR	
113	A-3133-206-A	RIVETING ASSY, MOTOR SLEEVE	
114	3-315-332-01	SPACER (t=0.05)	
	3-315-332-11	SPACER (t=0.1)	
	3-315-332-21	SPACER (t=0.125)	
115	3-315-390-00	PLATE, HYSTERESIS	
116	3-324-546-01	GEAR (OUTSERT), REEL, SUPPLY	
117	3-315-384-01	WASHER, STOPPER (t=0.13)	
	3-315-384-11	WASHER, STOPPER (t=0.25)	
	3-315-384-21	WASHER, STOPPER (t=0.2)	
	3-315-384-31	WASHER, STOPPER (t=0.3)	
118	*3-315-419-00	PLATE, SHIELD	
119	3-315-485-01	SCREW (M1.4X2.3), PRECISION	
120	3-317-706-01	SCREW (M1.4X2.3)	
121	X-3325-113-	LEVER ASSY, REC	
122	3-325-150-01	BUTTON, REC	
123	3-305-528-11	SCREW, STOPPER	
124	3-320-349-01	CLAW, REC LOCK	
125	X-3320-309-1	ARM ASSY, JOINT, E HEAD	
126	3-320-350-11	SPRING	
127	3-578-224-11	WASHER	

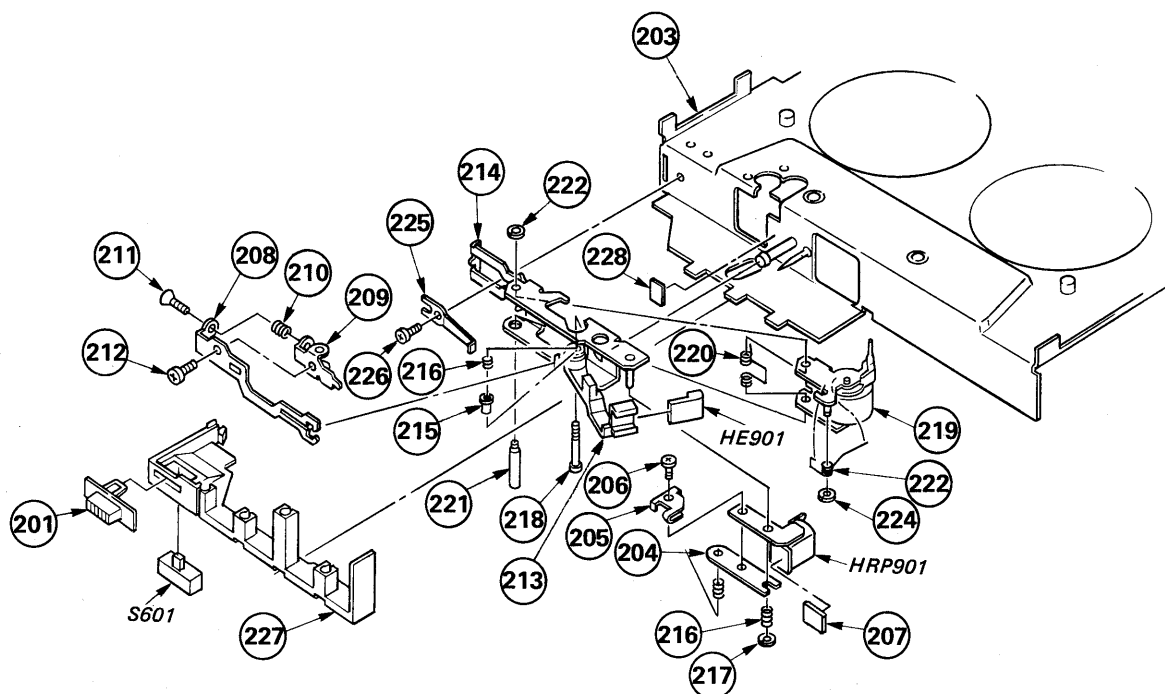
No.	Part No.	Description	Remarks
128	X-3315-343-1	SLEEVE COMP ASSY	
129	7-627-850-07	SCREW, PRECISION +P 1.4X2	
130	7-627-552-28	SCREW, PRECISION +P 1.7X2	
131	*3-325-155-01	CLAMP	
132	3-315-399-00	COLLAR, BUTTON	
133	*3-317-578-01	STOPPER, LEVER (C)	
134	3-325-171-01	SCREW	
135	3-308-557-00	(DECK A)....LUG, PLATE, DIA. 1.7	
	3-325-147-01	(DECK B)....RETAINER, LEAD	
136	3-320-420-01	STOPPER, FR LEVER (C)	
137	3-325-149-01	SPACER, LEVER, REC	
138	3-325-145-01	SPRING, TENSION	
139	7-627-850-78	PRECISION SCREW +P 1.4X1.8	
140	X-3317-508-1	FLYWHEEL ASSY	
141	3-315-495-01	WASHER (t=0.25)	
	3-315-495-11	WASHER (t=0.13)	
	3-315-495-21	WASHER (t=0.2)	
	3-315-495-31	WASHER (t=0.3)	
142	3-315-417-00	BUSHING, CAPSTAN	
143	3-315-405-00	BELT	
144	3-324-524-01	SLIDER, JOINT	
145	3-325-116-01	PLATE, ORNAMENTAL, CHASSIS	
146	A-3102-071-A	CHASSIS (A) BLOCK ASSY, REEL	
147	A-3102-072-A	CHASSIS (B) BLOCK ASSY, REEL	
148	3-324-520-01	SPRING, TENSION	
149	3-703-929-01	CUSHION (G)	
150	3-317-702-01	SPACER (D)(t=0.13)	
	3-317-702-11	SPACER (D)(t=0.2)	
	3-317-702-21	SPACER (D)(t=0.25)	
901	1-462-225-11	COIL, MOTOR (STATOR)	
902	A-3065-051-A	MOUNTED PCB (A), SERVO	
903	A-3065-052-A	MOUNTED PCB (B), SERVO	

(4)



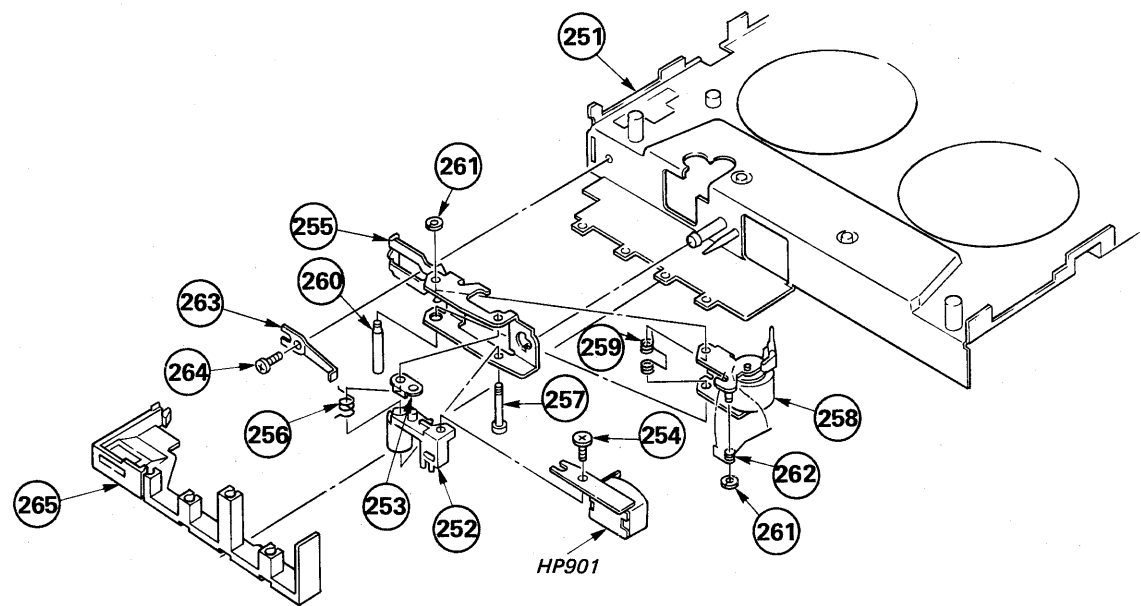
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
151	X-3315-308-0	WHEEL ASSY, REVERSE		160	X-3324-505-1	PLATE ASSY, CONTROL	
152	3-315-415-00	WASHER 1.5 DIA.(t=0.075)		161	X-3325-117-1	LEVER ASSY, PLAY	
	3-315-415-11	WASHER 2.3 DIA.(t=0.1)		162	*X-3315-304-5	PLATE ASSY, LOCK	
	3-315-416-00	WASHER 1.2 DIA.(t=0.1)		163	3-315-384-41	WASHER, STOPPER	
	3-315-416-21	WASHER 2.5 DIA.(t=0.188)		164	3-315-331-00	SPRING, COMPRESSION	
153	X-3315-307-0	LEVER (B) ASSY, FR		165	3-325-140-01	BUTTON, FF/REW	
154	3-315-414-00	WASHER (t=0.25)		166	3-315-395-00	SCREW, BUTTON	
	3-315-414-11	WASHER (t=0.188)		167	7-627-551-47	SCREW, PRECISION +P 1.4X1.4	
	3-315-414-21	WASHER (t=0.13)		168	3-315-341-00	SPRING, TENSION (POWER TENSION)	
155	X-3315-360-1	PLATE ASSY, CONTROL		169	3-315-343-00	SPRING, TENSION (POWER TENSION)	
156	3-325-139-01	BUTTON, PLAY		170	3-315-396-00	LEVER (C), F.R	
157	3-325-142-01	BUTTON, STOP		171	3-315-397-00	SPRING, TENSION (POWER TENSION)	
158	3-305-528-21	SCREW, STOPPER		172	A-3125-002-A	WHEEL BLOCK ASSY, REVERSE	
159	3-305-528-11	SCREW, STOPPER					

(5) DECK B



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
201	3-325-126-01	KNOB, PAUSE		216	3-324-542-01	SPRING, COMPRESSION	
204	3-324-541-01	PLATE, BASE, HEAD		217	3-324-544-01	WASHER (DIA. 2.3-1)	
205	3-324-531-01	CLAMP		218	3-324-540-01	SCREW, ADJUSTMENT, AZIMUTH	
206	7-627-850-37	SCREW, PRECISION +P 1.4X1.4		219	X-3325-110-1	PINCH LEVER ASSY	
208	3-320-343-01	JOINT (A), E HEAD		220	3-315-394-00	SPRING	
209	3-320-344-01	JOINT (B), E HEAD		221	3-315-393-00	SHAFT, PINCH LEVER	
210	3-320-352-01	SPRING, COMPRESSION		222	3-315-384-11	WASHER, STOPPER (t=0.25)	
211	7-627-451-28	SCREW, PRECISION +K 1.4X3		223	3-315-357-00	SPRING	
212	3-703-816-01	SCREW (M1.4X2.0), SPECIAL HEAD		224	3-315-384-31	WASHER, STOPPER (t=0.3)	
213	3-324-543-01	ARM, HEAD, E		225	3-315-406-00	SPRING	
214	X-3324-507-1	CHASSIS ASSY, HEAD		226	7-627-850-37	SCREW, PRECISION +P 1.4X1.4	
215	3-324-551-01	SHAFT (B), ARM, E HEAD		227	3-325-144-01	GUIDE, BUTTON	

(6) DECK A



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
251	A-3163-080-A	CHASSIS BLOCK ASSY, T REEL		259	3-315-394-00	SPRING	
252	3-315-430-00	TABLE, HEAD		260	3-315-393-00	SHAFT, PINCH LEVER	
253	3-315-463-00	PLATE, GROUND, HEAD		261	3-315-384-41	WASHER, STOPPER	
254	3-315-484-02	SCREW (M2X3), HEAD, WASHER		262	3-315-357-00	SPRING	
255	3-315-431-00	CHASSIS, HEAD		263	3-315-406-00	SPRING	
256	3-315-391-00	SPRING		264	7-627-850-37	SCREW, PRECISION +P 1.4X1.4	
257	3-315-392-00	SCREW, ADJUSTMENT		265	3-325-144-01	GUIDE, BUTTON	
258	X-3325-110-1	PINCH LEVER ASSY					

SECTION 6 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: μ F, PF: μ F.

RESISTORS

All resistors are in ohms.

F: nonflammable

COILS

MMH: mH, UH: μ H

SEMICONDUCTORS

In each case, U: μ , for example:UA....: μ A..., UPA....: μ PA..., UPC....: μ PC,UPD....: μ PD...

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
901	1-462-225-11	COIL, MOTOR (STATOR)			
902	A-3065-051-A	MOUNTED PCB (A), SERVO			
903	A-3065-052-A	MOUNTED PCB (B), SERVO			
904	A-3015-373-A	MOUNTED PCB, AUDIO			
C101	1-163-139-00	CERAMIC CHIP 820PF	10%	50V	
C102	1-163-016-00	CERAMIC CHIP 0.0039MF	10%	50V	
C103	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C104	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C105	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C106	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C107	1-135-073-00	TANTAL. CHIP 0.33MF	10%	35V	
C108	1-135-087-21	TANTAL. CHIP 0.68MF	10%	20V	
C109	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	
C110	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C111	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C112	1-163-054-00	CERAMIC CHIP 0.0039MF	10%	50V	
C113	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C114	1-124-576-11	ELECT 220MF	20%	4V	
C115	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C116	1-163-015-00	CERAMIC CHIP 0.0033MF	10%	50V	
C117	1-124-499-11	ELECT 1MF	20%	50V	
C118	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	
C119	1-163-141-00	CERAMIC CHIP 0.001MF	10%	50V	
C120	1-124-431-00	ELECT 33MF	20%	4V	
C121	1-163-015-00	CERAMIC CHIP 0.0033MF	10%	50V	
C122	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C123	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C124	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C125	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C126	1-163-081-00	CERAMIC CHIP 0.22MF		25V	
C201	1-163-139-00	CERAMIC CHIP 820PF	10%	50V	
C202	1-163-016-00	CERAMIC CHIP 0.0039MF	10%	50V	
C203	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C204	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C205	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C206	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C207	1-135-073-00	TANTAL. CHIP 0.33MF	10%	35V	
C208	1-135-087-21	TANTAL. CHIP 0.68MF	10%	20V	
C209	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	
C210	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C211	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C212	1-163-054-00	CERAMIC CHIP 0.0039MF	10%	50V	
C213	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C214	1-124-576-11	ELECT 220MF	20%	4V	
C215	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C216	1-163-015-00	CERAMIC CHIP 0.0033MF	10%	50V	

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C217	1-124-499-11	ELECT 1MF	20%	50V	
C218	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	
C219	1-163-141-00	CERAMIC CHIP 0.001MF	10%	50V	
C220	1-135-105-00	TANTAL. CHIP 33MF	20%	4V	
C221	1-163-015-00	CERAMIC CHIP 0.0033MF	10%	50V	
C222	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C223	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C224	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C225	1-163-059-00	CERAMIC CHIP 0.01MF	10%	50V	
C226	1-163-081-00	CERAMIC CHIP 0.22MF		25V	
C301	1-163-141-00	CERAMIC CHIP 0.001MF	10%	50V	
C302	1-135-105-00	TANTAL. CHIP 33MF	20%	4V	
C303	1-124-576-11	ELECT 220MF	20%	4V	
C305	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C306	1-124-430-00	ELECT 22MF	20%	4V	
C307	1-124-431-00	ELECT 33MF	20%	4V	
C308	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C309	1-131-393-00	TANTALUM 47MF	20%	3.15V	
C310	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C311	1-124-433-00	ELECT 100MF	20%	4V	
C312	1-131-389-00	TANTALUM 10MF	20%	3.15V	
C313	1-131-389-00	TANTALUM 10MF	20%	3.15V	
C314	1-124-430-00	ELECT 22MF	20%	4V	
C315	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C316	1-124-430-00	ELECT 22MF	20%	4V	
C317	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C318	1-131-393-00	TANTALUM 47MF	20%	3.15V	
C319	1-163-013-00	CERAMIC CHIP 0.0022MF	10%	50V	
C322	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	
C323	1-163-013-00	CERAMIC CHIP 0.0022MF	10%	50V	
C324	1-163-036-00	CERAMIC CHIP 0.068MF		50V	
C325	1-124-432-00	ELECT 47MF	20%	4V	
C326	1-135-073-00	TANTAL. CHIP 0.33MF	10%	35V	
C327	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C328	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C329	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C330	1-135-103-00	TANTAL. CHIP 3.3MF	20%	4V	
C331	1-124-576-11	ELECT 220MF	20%	4V	
C333	1-163-141-00	CERAMIC CHIP 0.001MF	10%	50V	
C334	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C601	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C602	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C603	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	
C604	1-163-023-00	CERAMIC CHIP 0.015MF	10%	50V	
C605	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C606	1-135-087-21	TANTAL. CHIP 0.68MF	10%	20V	
C607	1-135-071-21	TANTAL. CHIP 0.15MF	10%	35V	
C608	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C609	1-135-091-00	TANTAL. CHIP 1MF	20%	16V	
C610	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C611	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C701	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C702	1-163-810-00	CERAMIC CHIP 0.03MF	10%	25V	
C703	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	
C704	1-163-023-00	CERAMIC CHIP 0.015MF	10%	50V	
C705	1-135-070-00	TANTAL. CHIP 0.1MF	10%	35V	
C706	1-135-087-21	TANTAL. CHIP 0.68MF	10%	20V	
C707	1-135-071-21	TANTAL. CHIP 0.15MF	10%	35V	
C708	1-135-104-00	TANTAL. CHIP 10MF	20%	4V	
C709	1-135-091-00	TANTAL. CHIP 1MF	10%	16V	
C710	1-163-021-00	CERAMIC CHIP 0.01MF	5%	50V	
C711	1-135-104-00	TANTAL. CHIP 10MF	10%	4V	
CNJ301	1-507-951-11	JACK, EXTERNAL POWER			
D302	8-719-901-35	DIODE SLP135B			
D303	8-719-100-05	DIODE 1S2837			
D304	8-719-815-55	DIODE 1S1555			
D305	8-719-100-05	DIODE 1S2837			
HE901	8-825-581-10	HEAD, E			
HP901	8-825-507-11	HEAD (PP227-3602H)			
HRP	8-825-533-40	HEAD, (PP217-6202G)			
IC301	8-759-910-18	IC BA3304F			
IC302	8-759-908-06	IC CX20085			
IC303	8-759-201-57	IC TA7688F			
IC304	8-759-907-36	IC CX20023			
IC601	8-752-012-32	IC CX20123			
IC701	8-752-012-32	IC CX20123			
J301	1-507-917-00	JACK, STEREO			
J302	1-507-999-11	JACK			
JR1	1-216-295-00	METAL CHIP	0	5%	1/10W
JR2	1-216-296-00	METAL CHIP	0	5%	1/8W
JR4	1-216-295-00	METAL CHIP	0	5%	1/10W
JR5	1-216-296-00	METAL CHIP	0	5%	1/8W
JR6	1-216-296-00	METAL CHIP	0	5%	1/8W
JR7	1-216-296-00	METAL CHIP	0	5%	1/8W
JR601	1-216-295-00	METAL CHIP	0	5%	1/10W
JR602	1-216-296-00	METAL CHIP	0	5%	1/8W
JR603	1-216-296-00	METAL CHIP	0	5%	1/8W
JR701	1-216-295-00	METAL CHIP	0	5%	1/10W
JR702	1-216-296-00	METAL CHIP	0	5%	1/8W
JR703	1-216-296-00	METAL CHIP	0	5%	1/8W
Q302	8-729-800-68	TRANSISTOR 2SB815			
Q303	8-729-100-66	TRANSISTOR 2SC1623			
Q304	8-729-900-98	TRANSISTOR DTC143TK			
Q305	8-729-800-68	TRANSISTOR 2SB815			
Q306	8-729-800-68	TRANSISTOR 2SB815			
Q307	8-729-100-66	TRANSISTOR 2SC1623			

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
Q308	8-729-100-66	TRANSISTOR 2SC1623			
Q309	8-729-100-66	TRANSISTOR 2SC1623			
Q310	8-729-900-52	TRANSISTOR DTC114YK			
Q312	8-729-159-64	TRANSISTOR 2SD596			
Q313	8-729-900-98	TRANSISTOR DTC143TK			
Q316	8-729-216-22	TRANSISTOR 2SA1162Y			
Q317	8-729-216-22	TRANSISTOR 2SA1162Y			
Q318	8-729-216-22	TRANSISTOR 2SA1162Y			
Q319	8-729-216-22	TRANSISTOR 2SA1162Y			
Q320	8-729-901-46	TRANSISTOR DTA114YK			
Q321	8-729-900-52	TRANSISTOR DTC114YK			
Q322	8-729-900-98	TRANSISTOR DTC143TK			
Q323	8-729-100-66	TRANSISTOR 2SC1623			
Q324	8-729-800-68	TRANSISTOR 2SB815			
Q325	8-729-900-98	TRANSISTOR DTC143TK			
Q326	8-729-900-98	TRANSISTOR DTC143TK			
Q327	8-729-900-52	TRANSISTOR DTC114YK			
Q328	8-729-900-52	TRANSISTOR DTC114YK			
Q601	8-729-800-68	TRANSISTOR 2SB815			
Q602	8-729-100-66	TRANSISTOR 2SC1623			
Q603	8-729-162-44	TRANSISTOR 2SB624-BV4			
Q604	8-729-100-66	TRANSISTOR 2SC1623			
Q606	8-729-100-66	TRANSISTOR 2SC1623			
Q607	8-729-100-66	TRANSISTOR 2SC1623			
Q608	8-729-900-52	TRANSISTOR DTC114YK			
Q609	8-729-216-22	TRANSISTOR 2SA1162			
Q701	8-729-800-68	TRANSISTOR 2SB815			
Q702	8-729-100-66	TRANSISTOR 2SC1623			
Q703	8-729-162-44	TRANSISTOR 2SB624-BV4			
Q704	8-729-100-66	TRANSISTOR 2SC1623			
Q706	8-729-100-66	TRANSISTOR 2SC1623			
Q707	8-729-100-66	TRANSISTOR 2SC1623			
Q708	8-729-900-52	TRANSISTOR DTC114YK			
Q709	8-729-216-22	TRANSISTOR 2SA1162			
R101	1-216-089-00	METAL CHIP	47K	5%	1/10W
R102	1-216-087-00	METAL CHIP	39K	5%	1/10W
R103	1-216-087-00	METAL CHIP	39K	5%	1/10W
R104	1-216-117-00	METAL CHIP	680K	5%	1/10W
R105	1-216-101-00	METAL CHIP	150K	5%	1/10W
R106	1-216-198-00	METAL CHIP	1K	5%	1/8W
R107	1-216-073-00	METAL CHIP	10K	5%	1/10W
R108	1-216-073-00	METAL CHIP	10K	5%	1/10W
R109	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R110	1-216-052-00	METAL CHIP	1.3K	5%	1/10W
R111	1-216-075-00	METAL CHIP	12K	5%	1/10W
R112	1-216-099-00	METAL CHIP	120K	5%	1/10W
R113	1-216-202-00	METAL CHIP	1.5K	5%	1/8W
R114	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R115	1-216-009-00	METAL CHIP	22	5%	1/10W
R116	1-216-049-00	METAL CHIP	1K	5%	1/10W
R117	1-216-037-00	METAL CHIP	330	5%	1/10W
R118	1-216-096-00	METAL CHIP	91K	5%	1/10W
R119	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R120	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R121	1-216-073-00	METAL CHIP	10K	5%	1/10W
R122	1-216-043-00	METAL CHIP	560	5%	1/10W
R123	1-216-097-00	METAL CHIP	100K	5%	1/10W
R124	1-216-064-00	METAL CHIP	4.3K	5%	1/10W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R201	1-216-089-00	METAL CHIP	47K	5%	1/10W
R202	1-216-087-00	METAL CHIP	39K	5%	1/10W
R203	1-216-087-00	METAL CHIP	39K	5%	1/10W
R204	1-216-117-00	METAL CHIP	680K	5%	1/10W
R205	1-216-101-00	METAL CHIP	150K	5%	1/10W
R206	1-216-198-00	METAL CHIP	1K	5%	1/8W
R207	1-216-073-00	METAL CHIP	10K	5%	1/10W
R208	1-216-073-00	METAL CHIP	10K	5%	1/10W
R209	1-216-206-00	METAL CHIP	2.2K	5%	1/8W
R210	1-216-052-00	METAL CHIP	1.3K	5%	1/10W
R211	1-216-075-00	METAL CHIP	12K	5%	1/10W
R212	1-216-099-00	METAL CHIP	120K	5%	1/10W
R213	1-216-202-00	METAL CHIP	1.5K	5%	1/8W
R214	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R215	1-216-009-00	METAL CHIP	22	5%	1/10W
R216	1-216-049-00	METAL CHIP	1K	5%	1/10W
R217	1-216-037-00	METAL CHIP	330	5%	1/10W
R218	1-216-096-00	METAL CHIP	91K	5%	1/10W
R219	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R220	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R221	1-216-073-00	METAL CHIP	10K	5%	1/10W
R222	1-216-043-00	METAL CHIP	560	5%	1/10W
R223	1-216-097-00	METAL CHIP	100K	5%	1/10W
R224	1-216-064-00	METAL CHIP	4.3K	5%	1/10W
R301	1-216-001-00	METAL CHIP	10	5%	1/10W
R302	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R303	1-216-073-00	METAL CHIP	10K	5%	1/10W
R305	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R306	1-216-089-00	METAL CHIP	47K	5%	1/10W
R307	1-216-198-00	METAL CHIP	1K	5%	1/8W
R308	1-216-282-00	METAL CHIP	3.3M	5%	1/8W
R309	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R310	1-216-089-00	METAL CHIP	47K	5%	1/10W
R311	1-216-073-00	METAL CHIP	10K	5%	1/10W
R312	1-216-077-00	METAL CHIP	15K	5%	1/10W
R313	1-216-081-00	METAL CHIP	22K	5%	1/10W
R314	1-216-073-00	METAL CHIP	10K	5%	1/10W
R315	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R316	1-216-001-00	METAL CHIP	10	5%	1/10W
R317	1-216-009-00	METAL CHIP	22	5%	1/10W
R320	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R321	1-216-037-00	METAL CHIP	330	5%	1/10W
R322	1-216-081-00	METAL CHIP	22K	5%	1/10W
R323	1-216-097-00	METAL CHIP	100K	5%	1/10W
R324	1-216-073-00	METAL CHIP	10K	5%	1/10W
R325	1-216-081-00	METAL CHIP	22K	5%	1/10W
R326	1-216-089-00	METAL CHIP	47K	5%	1/10W
R327	1-216-049-00	METAL CHIP	1K	5%	1/10W
R328	1-216-105-00	METAL CHIP	220K	5%	1/10W
R329	1-216-049-00	METAL CHIP	1K	5%	1/10W
R330	1-216-105-00	METAL CHIP	220K	5%	1/10W
R332	1-216-064-00	METAL CHIP	4.3K	5%	1/10W
R335	1-216-073-00	METAL CHIP	10K	5%	1/10W
R337	1-216-057-00	METAL CHIP	2.2K	5%	1/10W

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
R601	1-216-097-00	METAL CHIP	100K	5%	1/10W
R602	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R603	1-216-001-00	METAL CHIP	10	5%	1/10W
R604	1-216-101-00	METAL CHIP	150K	5%	1/10W
R605	1-216-049-00	METAL CHIP	1K	5%	1/10W
R606	1-216-097-00	METAL CHIP	100K	5%	1/10W
R607	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R608	1-216-001-00	METAL CHIP	10	5%	1/10W
R609	1-216-101-00	METAL CHIP	150K	5%	1/10W
R610	1-216-049-00	METAL CHIP	1K	5%	1/10W
R611	1-216-049-00	METAL CHIP	1K	5%	1/10W
R612	1-216-091-00	METAL CHIP	56K	5%	1/10W
R614	1-216-073-00	METAL CHIP	10K	5%	1/10W
R615	1-216-073-00	METAL CHIP	10K	5%	1/10W
R616	1-216-085-00	METAL CHIP	33K	5%	1/10W
R617	1-216-083-00	METAL CHIP	27K	5%	1/10W
R618	1-216-226-00	METAL CHIP	15K	5%	1/8W
R619	1-216-089-00	METAL CHIP	47K	5%	1/10W
R620	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R621	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R622	1-216-073-00	METAL CHIP	10K	5%	1/10W
R623	1-216-073-00	METAL CHIP	10K	5%	1/10W
R624	1-216-121-00	METAL CHIP	1M	5%	1/10W
R625	1-216-089-00	METAL CHIP	47K	5%	1/10W
R626	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R627	1-216-097-00	METAL CHIP	100K	5%	1/10W
R629	1-216-073-00	METAL CHIP	10K	5%	1/10W
R701	1-216-097-00	METAL CHIP	100K	5%	1/10W
R702	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R703	1-216-001-00	METAL CHIP	10	5%	1/10W
R704	1-216-101-00	METAL CHIP	150K	5%	1/10W
R705	1-216-049-00	METAL CHIP	1K	5%	1/10W
R706	1-216-097-00	METAL CHIP	100K	5%	1/10W
R707	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R708	1-216-001-00	METAL CHIP	10	5%	1/10W
R709	1-216-101-00	METAL CHIP	150K	5%	1/10W
R710	1-216-049-00	METAL CHIP	1K	5%	1/10W
R711	1-216-049-00	METAL CHIP	1K	5%	1/10W
R712	1-216-091-00	METAL CHIP	56K	5%	1/10W
R714	1-216-073-00	METAL CHIP	10K	5%	1/10W
R715	1-216-073-00	METAL CHIP	10K	5%	1/10W
R716	1-216-085-00	METAL CHIP	33K	5%	1/10W
R717	1-216-083-00	METAL CHIP	27K	5%	1/10W
R718	1-216-226-00	METAL CHIP	15K	5%	1/8W
R719	1-216-089-00	METAL CHIP	47K	5%	1/10W
R720	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R721	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R722	1-216-073-00	METAL CHIP	10K	5%	1/10W
R723	1-216-073-00	METAL CHIP	10K	5%	1/10W
R724	1-216-121-00	METAL CHIP	1M	5%	1/10W
R725	1-216-089-00	METAL CHIP	47K	5%	1/10W
R726	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R727	1-216-097-00	METAL CHIP	100K	5%	1/10W
R729	1-216-073-00	METAL CHIP	10K	5%	1/10W

ELECTRICAL PARTS

<u>Ref.No.</u>	<u>Part No.</u>	<u>Description</u>
RV101	1-230-602-11	RES, ADJ, METAL GLAZE 4.7K
RV201	1-230-602-11	RES, ADJ, METAL GLAZE 4.7K
RV301	1-230-729-11	RES, VAR, CARBON 10K/10K
RV601	1-230-736-11	RES, ADJ, METAL GLAZE 10K
RV701	1-230-736-11	RES, ADJ, METAL GLAZE 10K
S301	1-554-671-00	SWITCH, SLIDE (EQ)
S302	1-570-131-21	SWITCH, SLIDE (DOLBY)
S303	1-570-246-11	SWITCH, SLIDE (REC/PB)
S601	1-554-612-00	SWITCH, SLIDE (PAUSE)
S701	1-554-586-00	SWITCH, LEAF
S901	1-554-586-00	SWITCH, LEAF
T301	1-433-251-00	TRANSFORMER, BIAS OSCILLATOR

ACCESSORY & PACKING MATERIAL

<u>Part No.</u>	<u>Description</u>
1-542-071-11	MICROPHONE (C-3001)
3-325-174-01	(US).....INDIVIDUAL CARTON
3-325-175-01	(AEP,Canadian,UK)...INDIVIDUAL CARTON
3-325-164-01	CASE (B), CARRYING
3-325-165-01	CASE (A), CARRYING
3-325-178-01	CASE, ACCESSORY
3-527-213-00	LABEL, SERIAL NUMBER
*3-701-999-00	LABEL, SERIAL NUMBER
*3-703-710-01	STICKER, SONY SYMBOL (12)
3-760-386-11	(AEP,UK).....MANUAL, INSTRUCTION
3-760-386-21	(US,Canadian)...MANUAL, INSTRUCTION
3-760-386-31	(Canadian).....MANUAL, INSTRUCTION
3-760-386-51	(AEP).....MANUAL, INSTRUCTION
3-795-748-21	SAFETY INSTRUCTIONS, HEADPHONE
7-633-110-41	TAPE (50MMX500M)
8-952-220-90	MDR-A20
X-3324-513-1	STAND ASSY, MICROPHONE