

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
8mW + 8mW (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(INS) 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 5/8 × 3 5/8 × 1 5/16 inches)
Approx. 114 × 84.8 × 36.2 mm (w/h/d) not incl. projecting parts and controls
(4 1/2 × 3 3/8 × 1 1/4 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)
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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.



MC-Service

STEREO CASSETTE RECORDER
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.

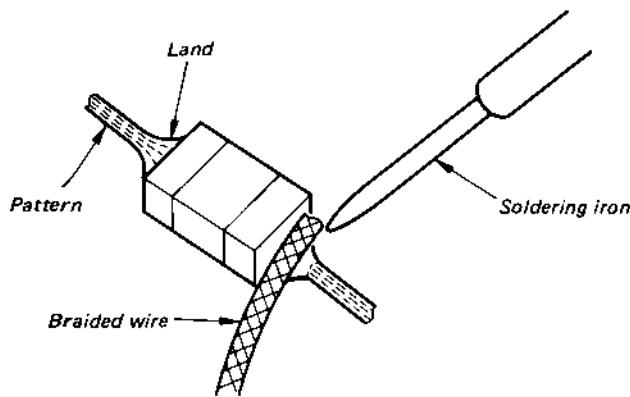
Precautions for replacement

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

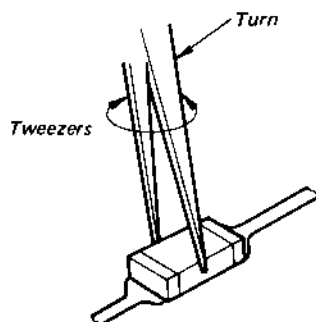
Remove the solder at the electrode, using a thin braided wire. Do not remove the solder of the part (chip component) attached adjacent to the electrode.



(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.

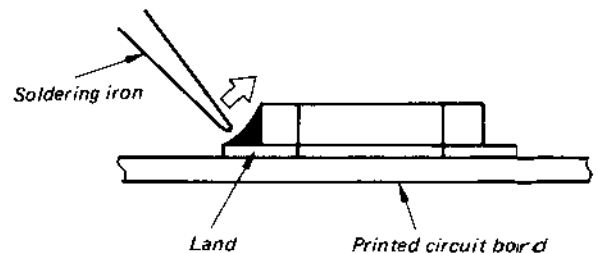
(1) Applying solder to land on one side

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.

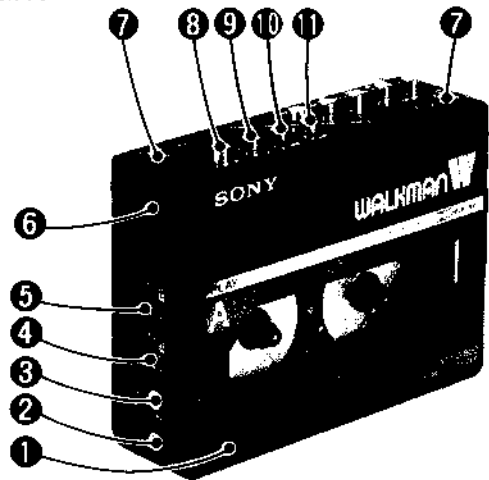


(3) Speedy soldering of electrode on the other side

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

PARTS IDENTIFICATION

Deck A

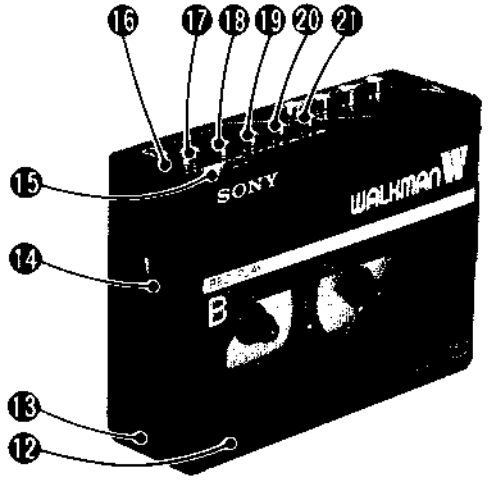


- ① Cassette compartment (deck A)
- ② Headphone jack (stereo minijack)
- ③ MIC (microphone) (PLUG IN POWER) jack (stereo minijack)
- ④ PB EQ (playback equalizer) selector
- ⑤ ISS (Inteference Suppress Switch)/DOLBY NR selector
- ⑥ PUSH OPEN button
- ⑦ Battery compartment

operation buttons on deck A

- ⑧ PLAY (playback) button
- ⑨ STOP button
- ⑩ ◀◀ (fast-forward) button
- ⑪ ▶▶ (rewind) button

Deck B

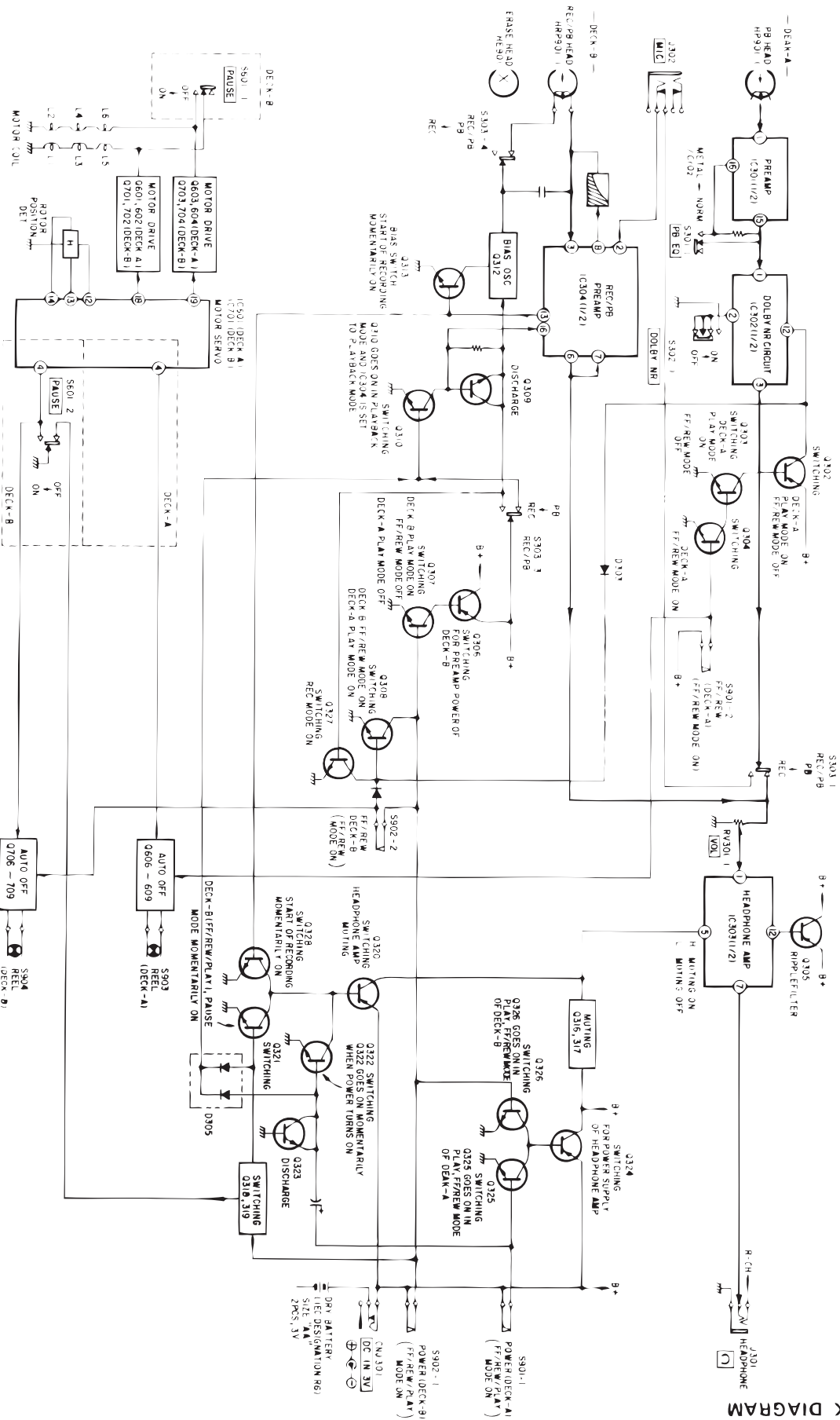


- ⑫ Cassette compartment (deck B)
- ⑬ DC IN 3V (external power input) jack
- ⑭ VOL (volume) control
- ⑮ PAUSE switch
- ⑯ OPR/BATT (operation/battery) indicator

operation buttons on deck B

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

1-1. BLOCK DIAGRAM

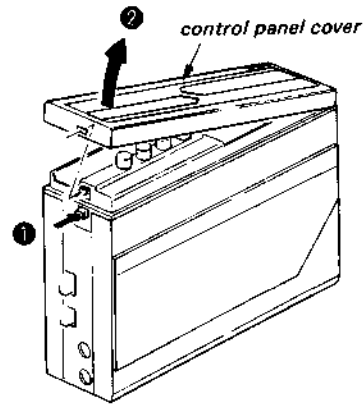


SECTION 1
BLOCK DIAGRAM

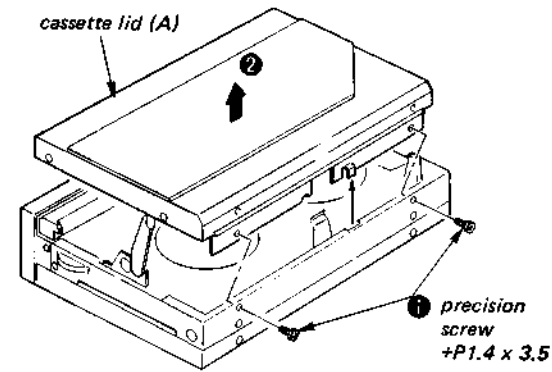
SECTION 2
DISASSEMBLY

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

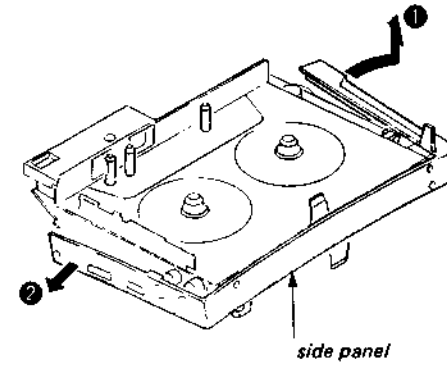
CONTROL PANEL COVER



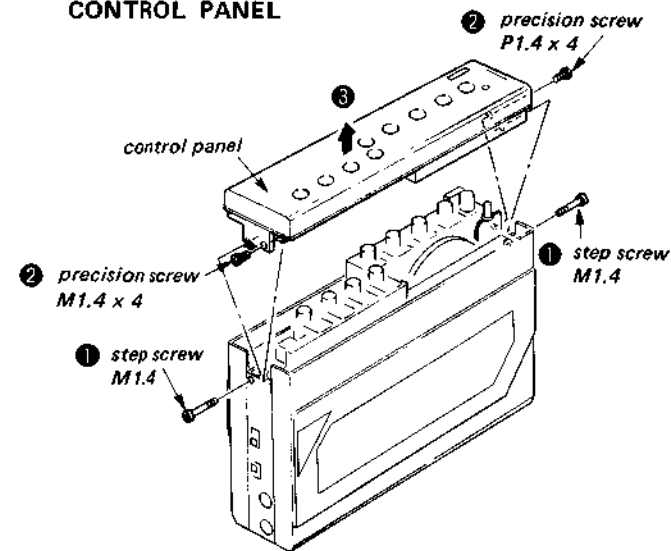
CASSETTE LID (A)



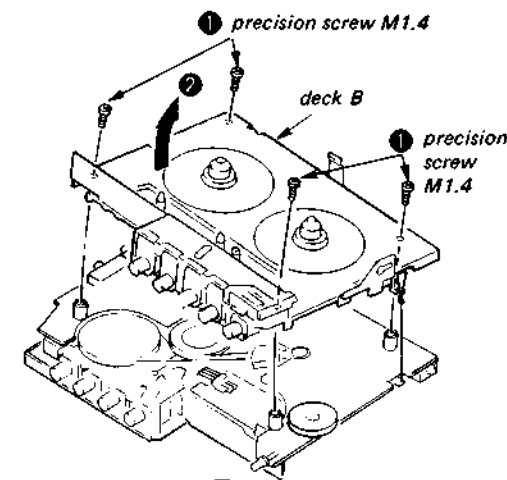
SIDE PANEL



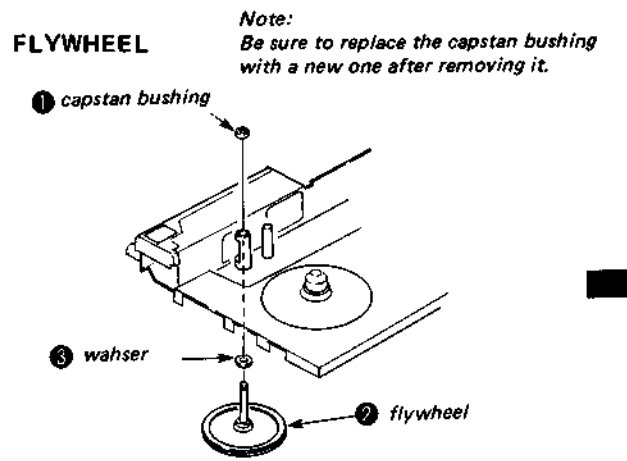
CONTROL PANEL



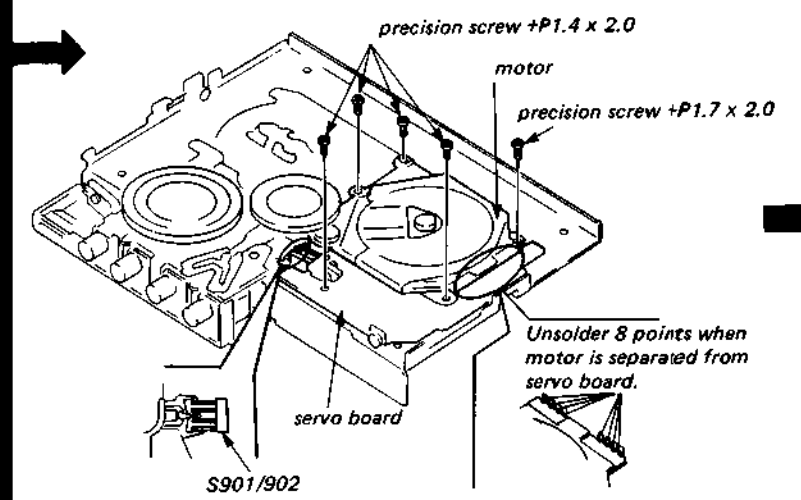
DECK B



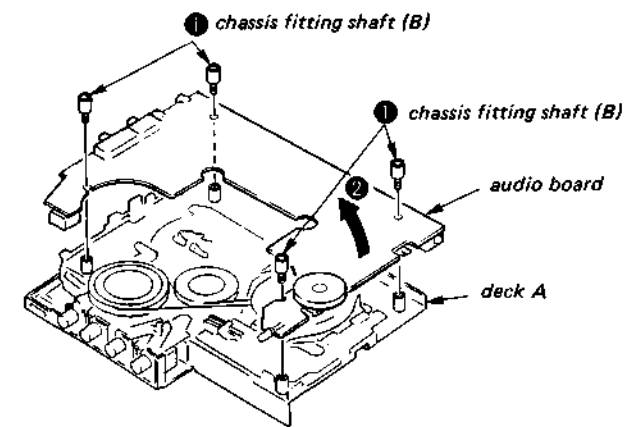
FLYWHEEL



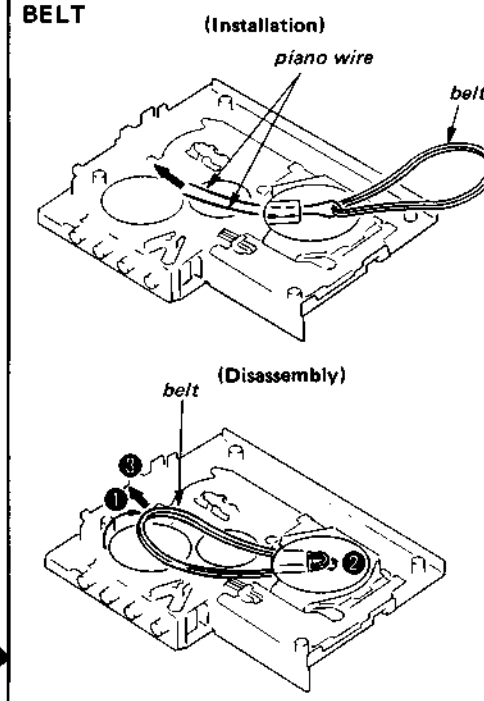
MOTOR/SERVO BOARD



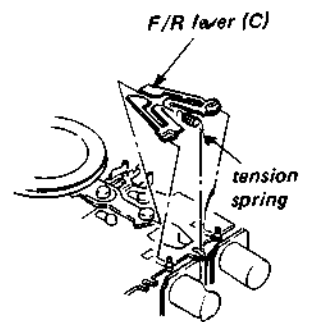
AUDIO BOARD/DECK A



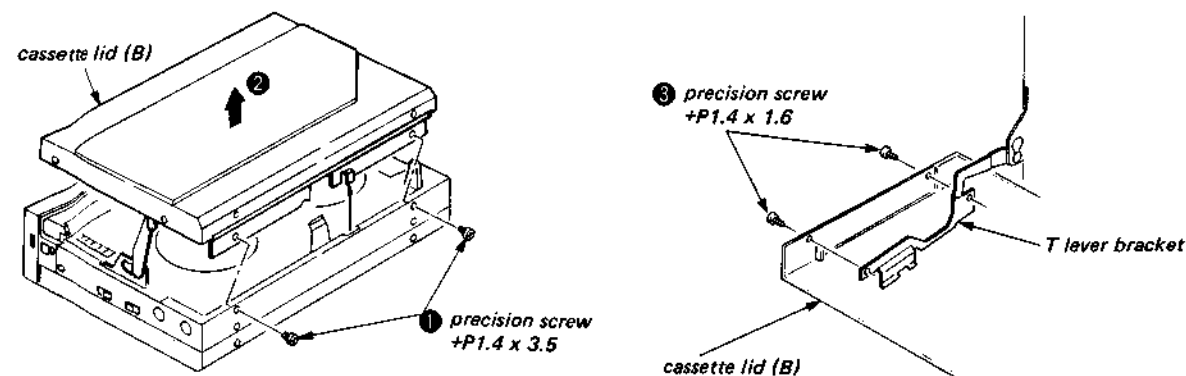
BELT



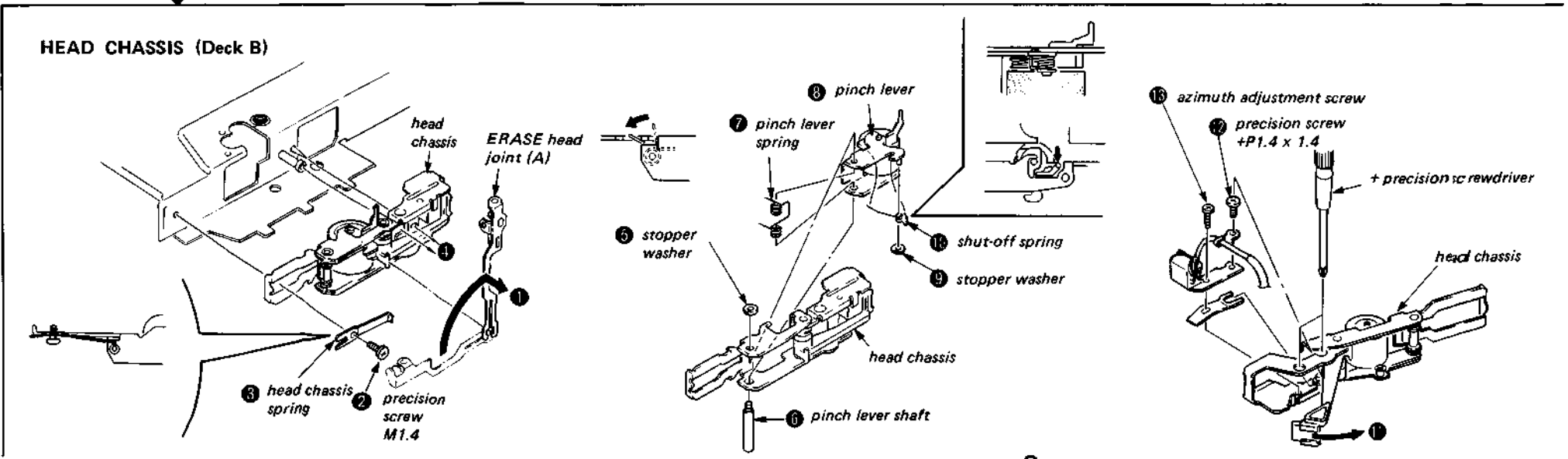
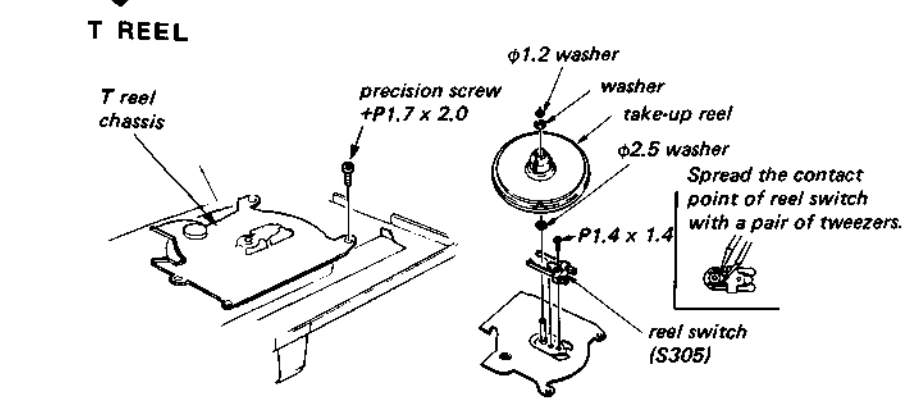
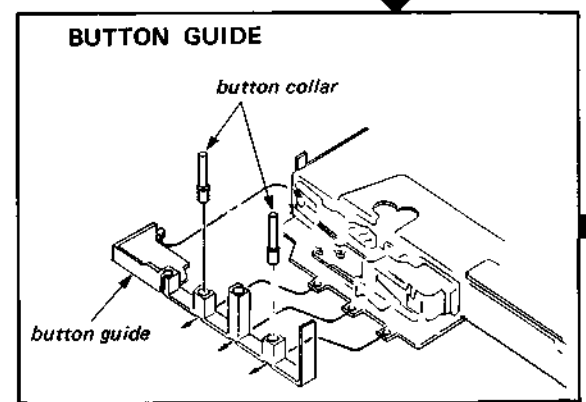
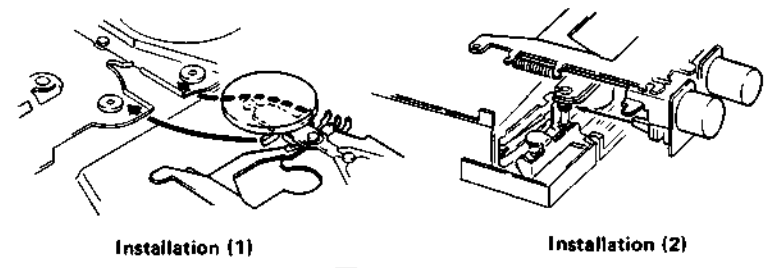
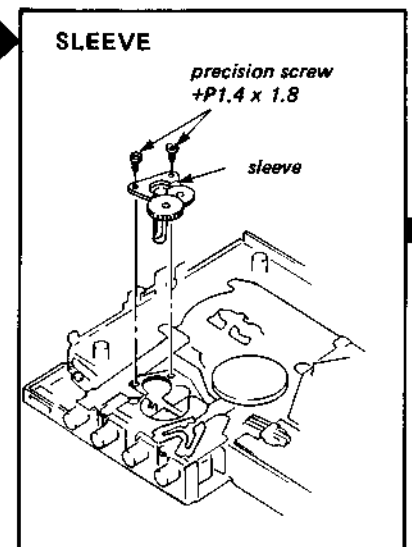
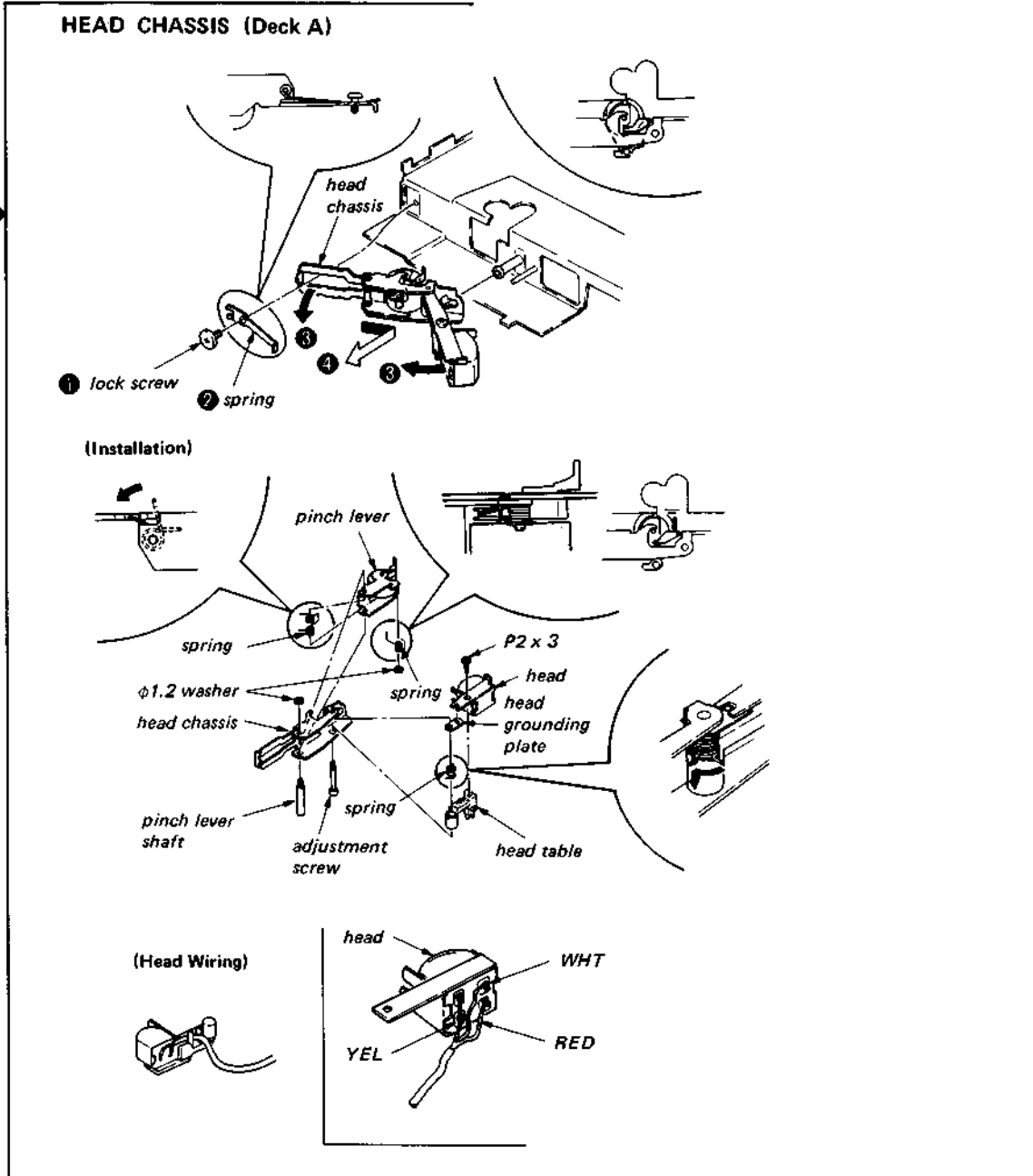
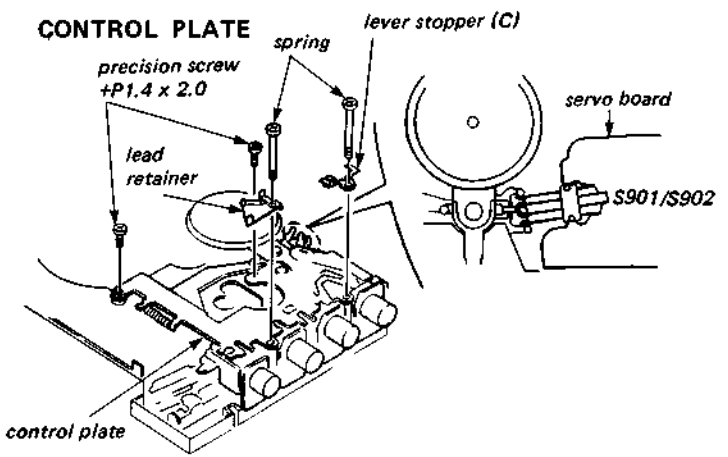
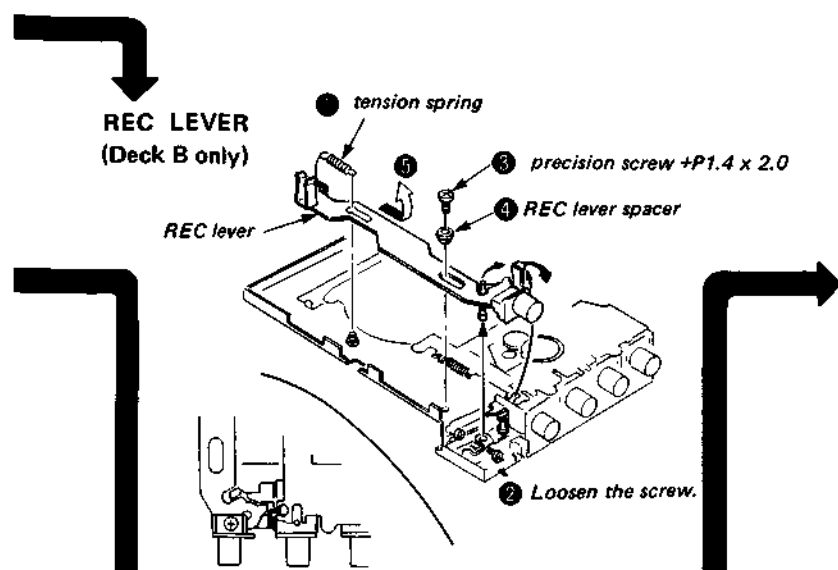
F/R LEVER (C)



CASSETTE LID (B)



WM-W800 WM-W800



SECTION 3 ADJUSTMENTS

PRECAUTION

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

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

3-1. MECHANICAL ADJUSTMENTS

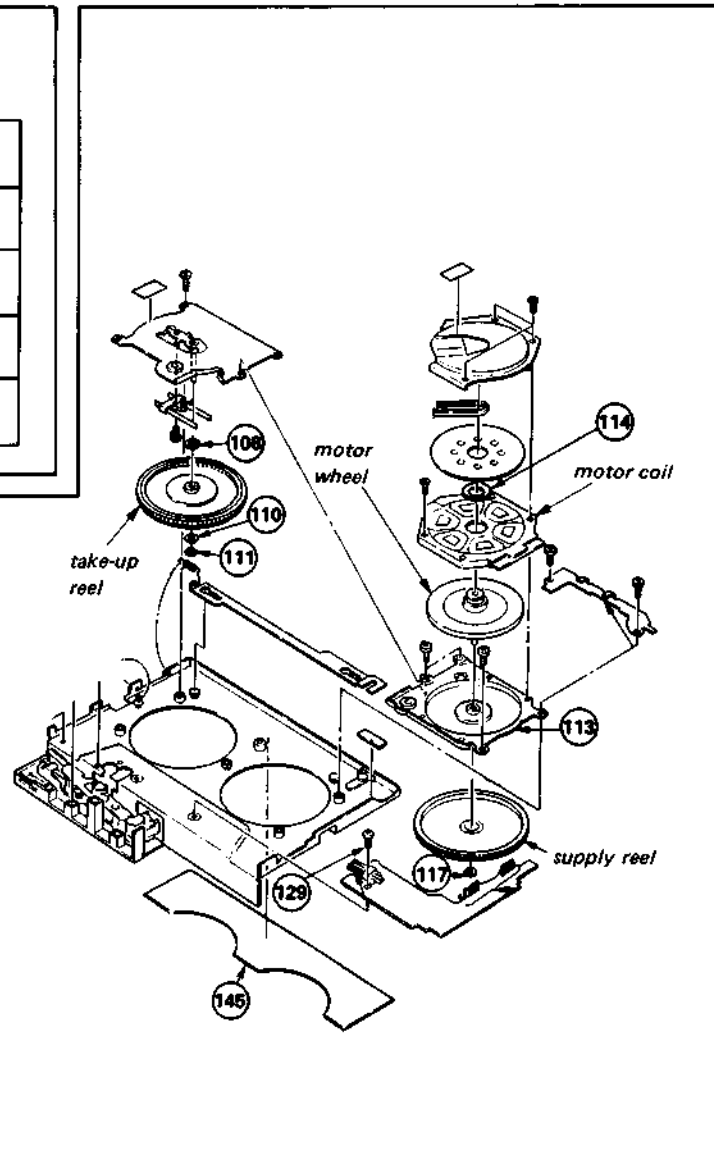
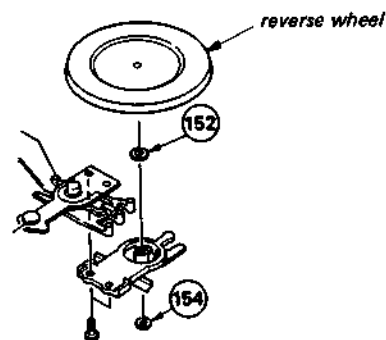
Torque Measurement

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



Pinch Roller Pressure Measurement

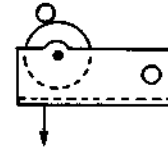
Procedure:

— playback mode —

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

Specifications:

150 ± 20g

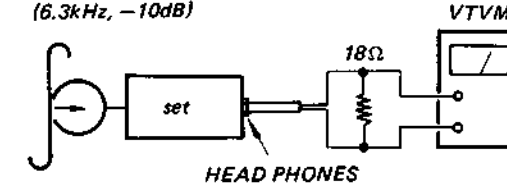


3-2. ELECTRICAL ADJUSTMENTS

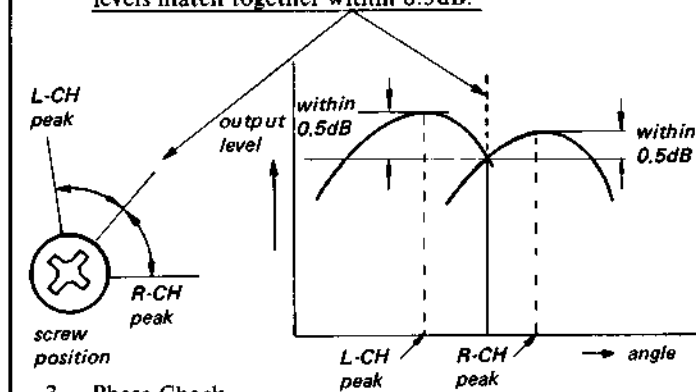
Record/Playback Head Azimuth Adjustment

Procedure:

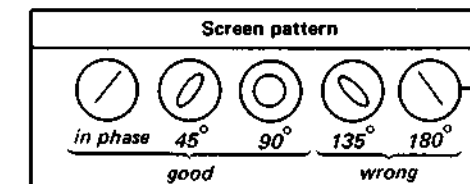
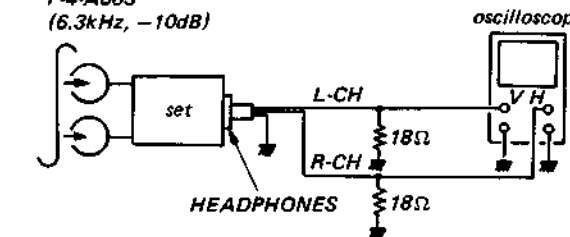
- Mode: playback
test tape
P-4-A063
(6.3kHz, -10dB)



- 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.



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



Tape Speed Adjustment

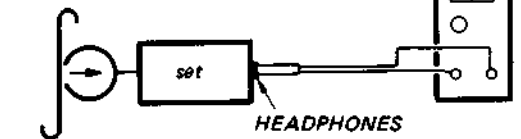
Setting:

VOLUME control: mechanical mid

Procedure:

Mode: playback

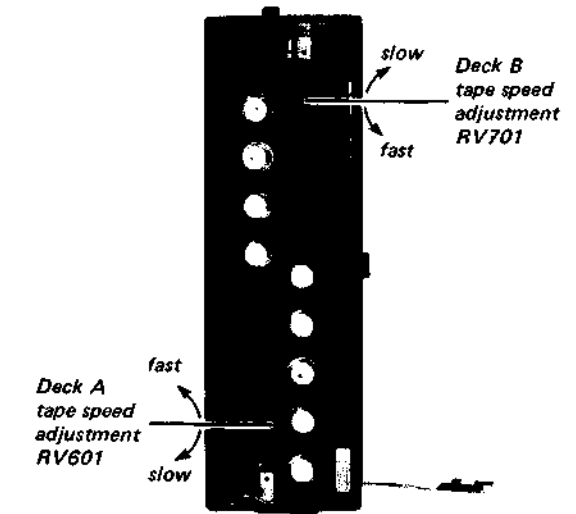
test tape
WS-48A
(3kHz, 0dB)



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:

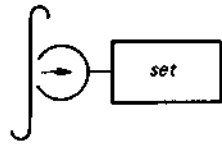


Dolby NR Level Adjustment

Setting:

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

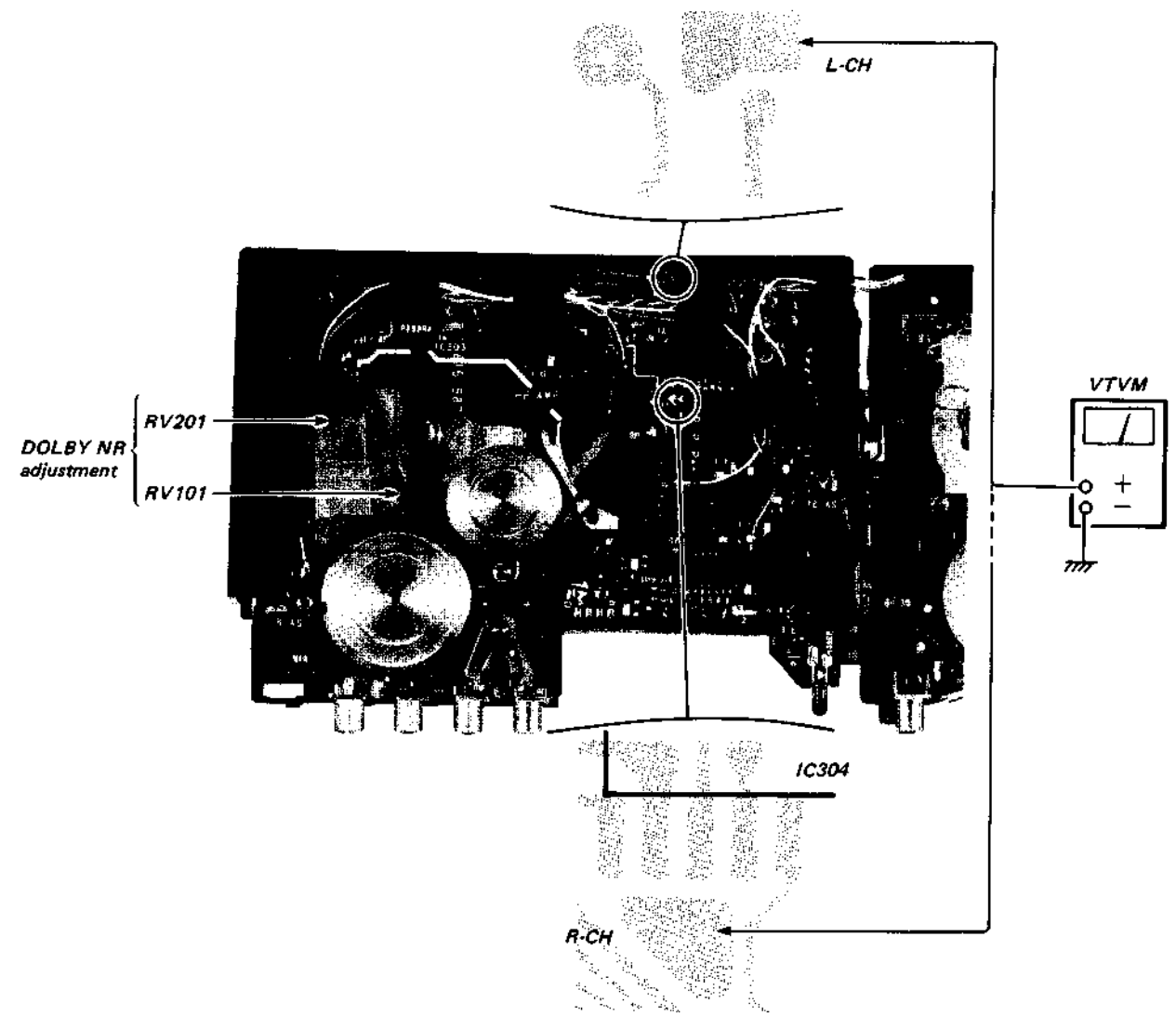
test tape
P-4-L300
(315Hz, 0dB)



Procedure:

Adjust RV101 (L-CH), RV201 (R-CH) to obtain -27.7dB ±0.5dB (0.030V to 0.033V) output level.

Adjustment Location: Audio board



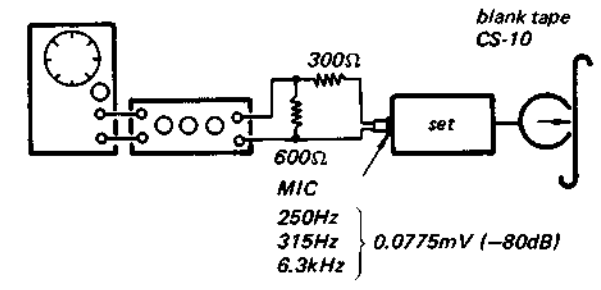
RECORD BIAS ADJUSTMENT

Setting:

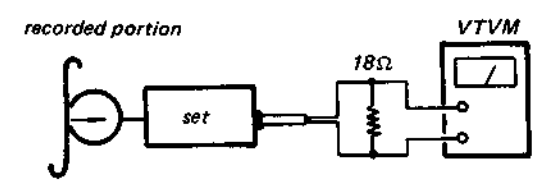
VOLUME control: MECHANICAL MID

Procedure:

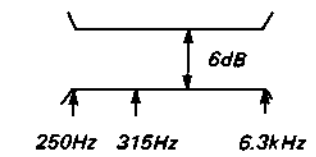
1. Recording Mode (Deck B)



2. Playback Mode (Deck B)



3. Specifications

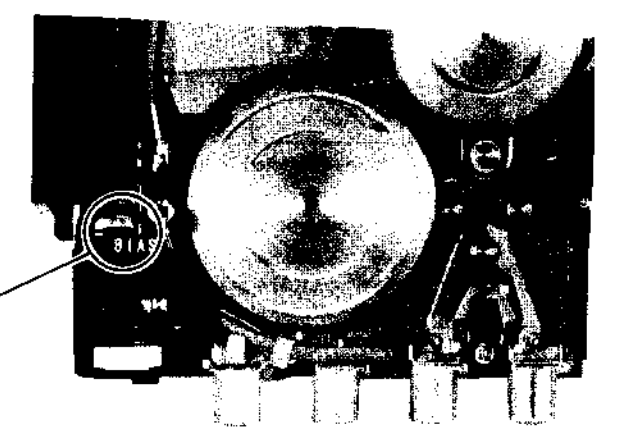
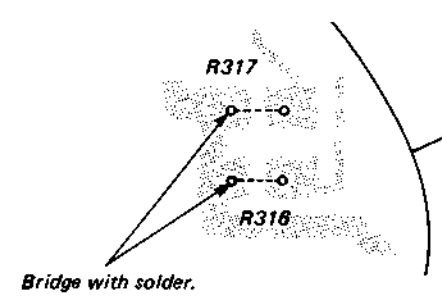


If necessary, change resistor connection and repeat the above step 1 through 3.

○ mark: pattern bridge

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

Adjustment Location: Audio board

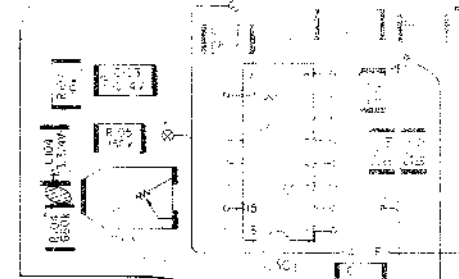
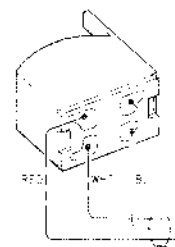


4-1. MOUNTING DIAGRAM
— AUDIO SECTION —

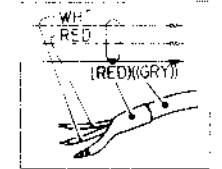
A
B
C
D
E
F
G
H
I
J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

[MAIN BOARD]
[SIDE A]



Note.
• Color code of sleeving over the end of the jacket.

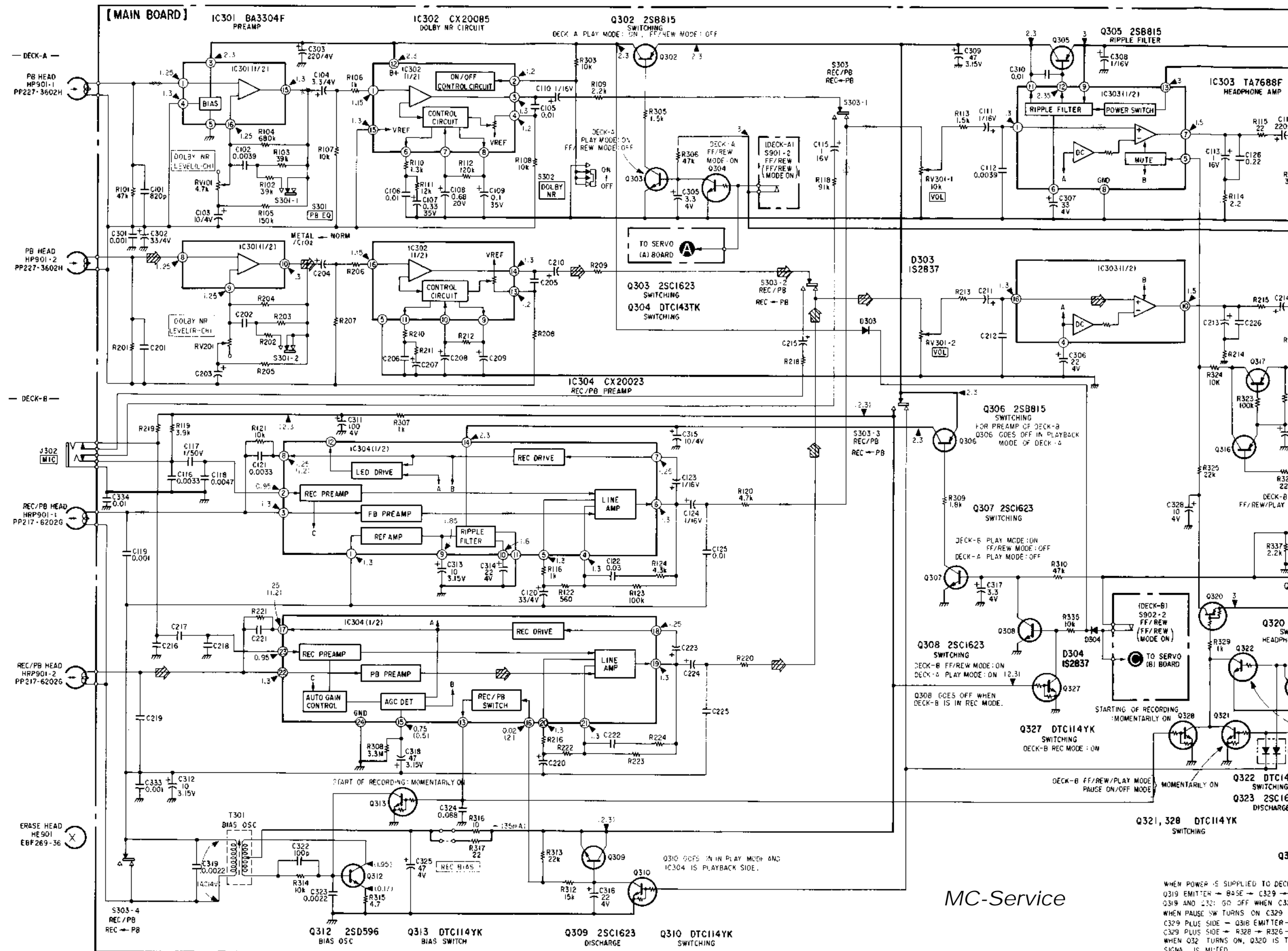


- — : parts extracted from the conductor side
- — : indicates side identified with part number
- ⊗ : Through hole.

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4-2. SCHEMATIC DIAGRAM
- AUDIO SECTION -

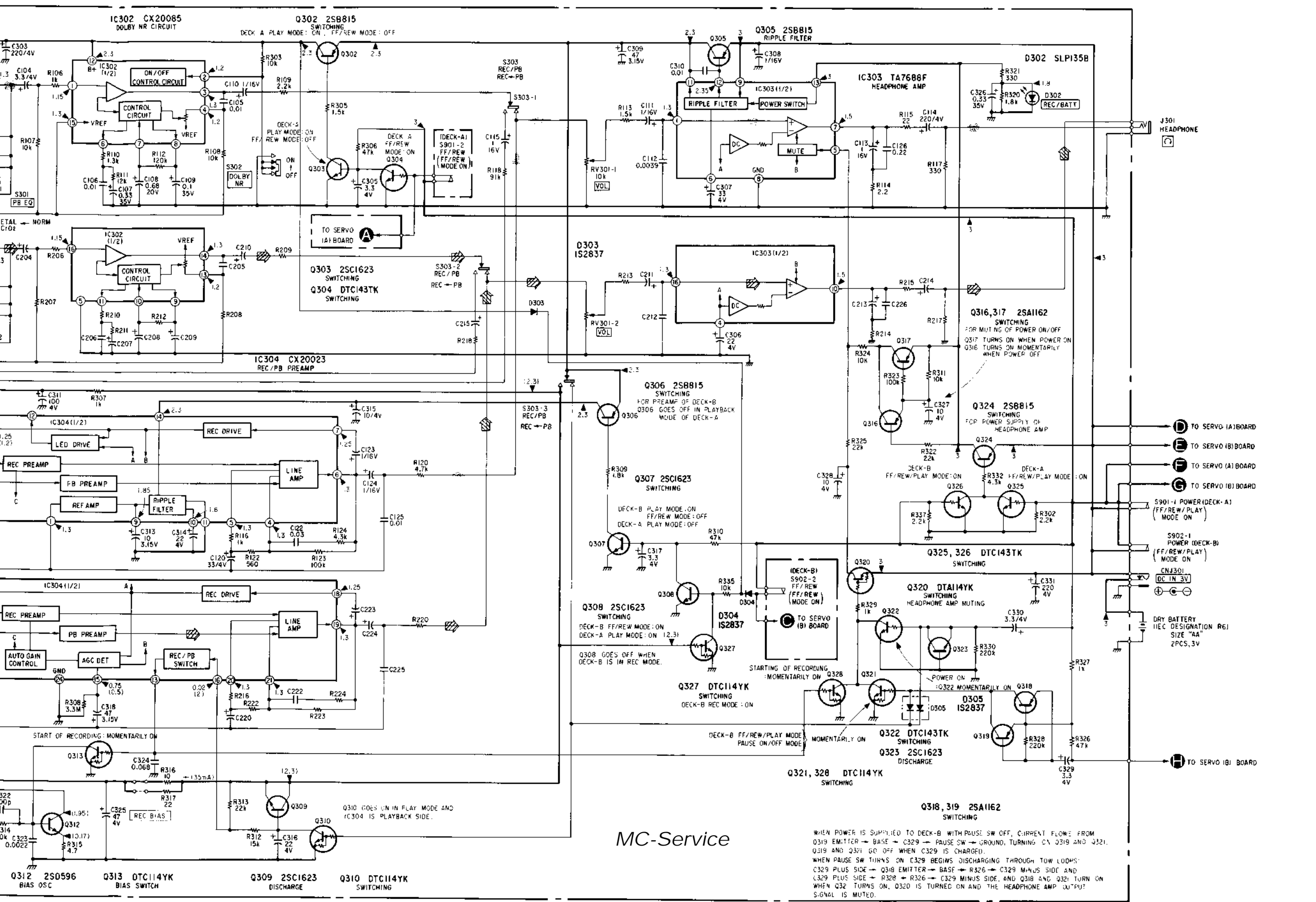


- Note:**
- All capacitors are in μF unless otherwise noted. pF: μpF 50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
 - : signal path.
 - : signal path.
 - Components for right channel have same values as for left channel. Reference numbers are coded from 200.
 - : 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).
() : REC
 - Voltage variations may be noted due to normal production tolerances.
 - Power voltages 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 production tolerances.
 - Switch

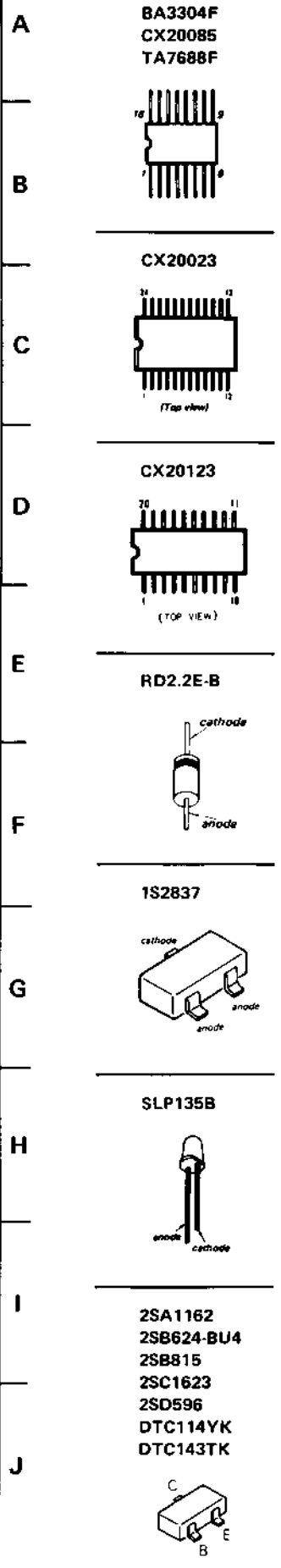
Ref. No.	Switch	Position
S301	PB EQ	NORM
S302	DOLBY NR	OFF
S303	REC/PB	PB
S901-1	POWER (DECK-A)	OFF
S901-2	FF/REW (DECK-A)	OFF
S902-1	POWER (DECK-B)	OFF
S902-2	FF/REW (DECK-B)	OFF

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WHEN POWER IS SUPPLIED TO DECK
Q319 EMITTER - BASE - C329 -
Q319 AND C321 GO OFF WHEN C32
WHEN PAUSE SW TURNS ON C329 B
C329 PLUS SIDE - Q318 EMITTER -
C329 PLUS SIDE - R328 - R326 -
WHEN Q32 TURNS ON, Q320 IS TO
SIGNAL IS MUTED.



• Semiconductor Lead Layouts

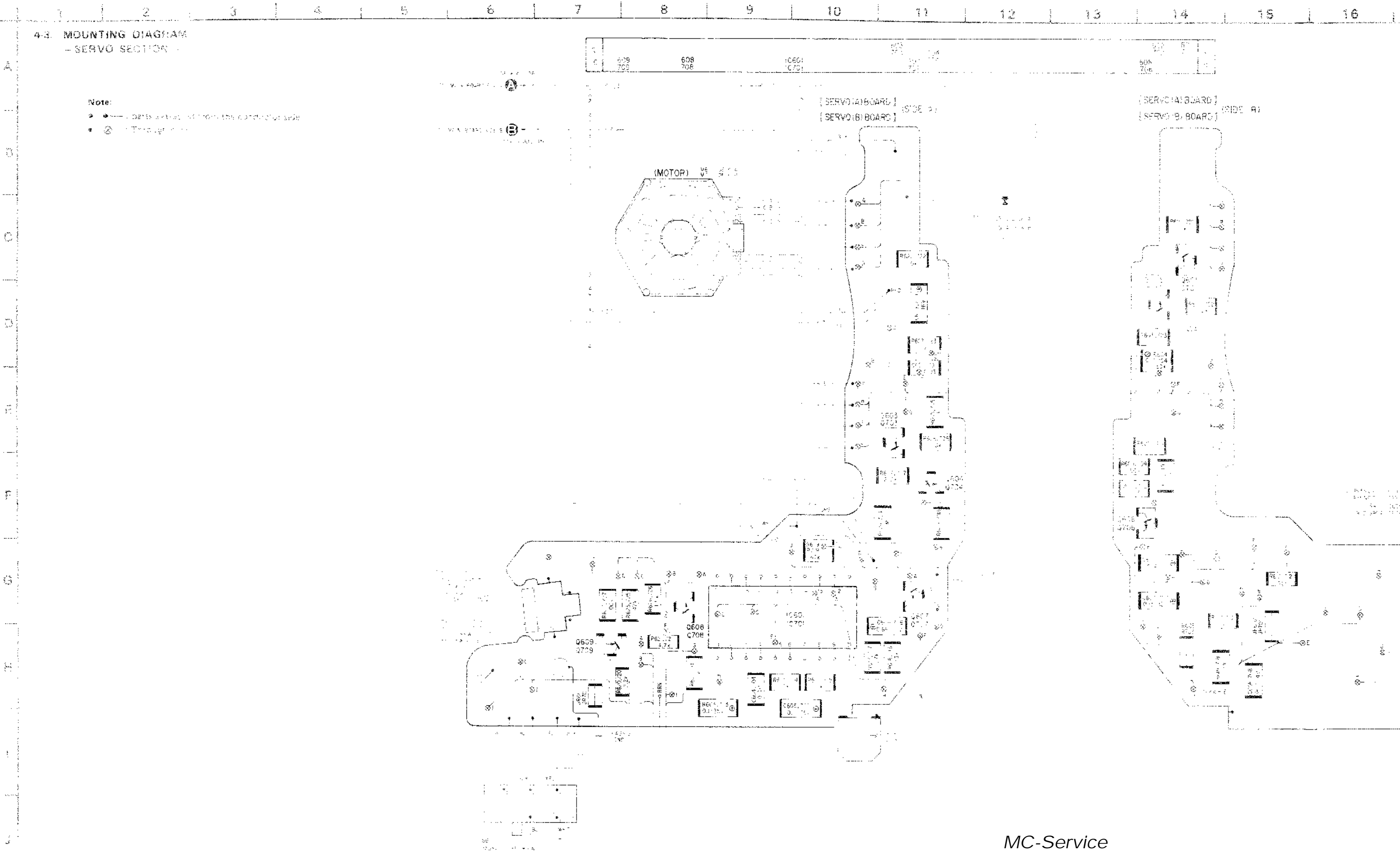


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WHEN POWER IS SUPPLIED TO DECK-B WITH PAUSE SW OFF, CURRENT FLOW FROM Q319 EMITTER → BASE → C329 → PAUSE SW → GROUND, TURNING ON Q319 AND Q321. Q319 AND Q321 GO OFF WHEN C329 IS CHARGED.

WHEN PAUSE SW TURNS ON C329 BEGINS DISCHARGING THROUGH TOW LOOPS: C329 PLUS SIDE → Q319 EMITTER → BASE → R326 → C329 MINUS SIDE AND C329 PLUS SIDE → R328 → R326 → C329 MINUS SIDE, AND Q318 AND Q321 TURN ON WHEN Q32 TURNS ON, Q320 IS TURNED ON AND THE HEADPHONE AMP OUTPUT SIGNAL IS MUTED.

4-3. MOUNTING DIAGRAM
-SERVO SECTION-



Note:
 * --- Part is not within the connector side
 * ⊗ --- Through hole

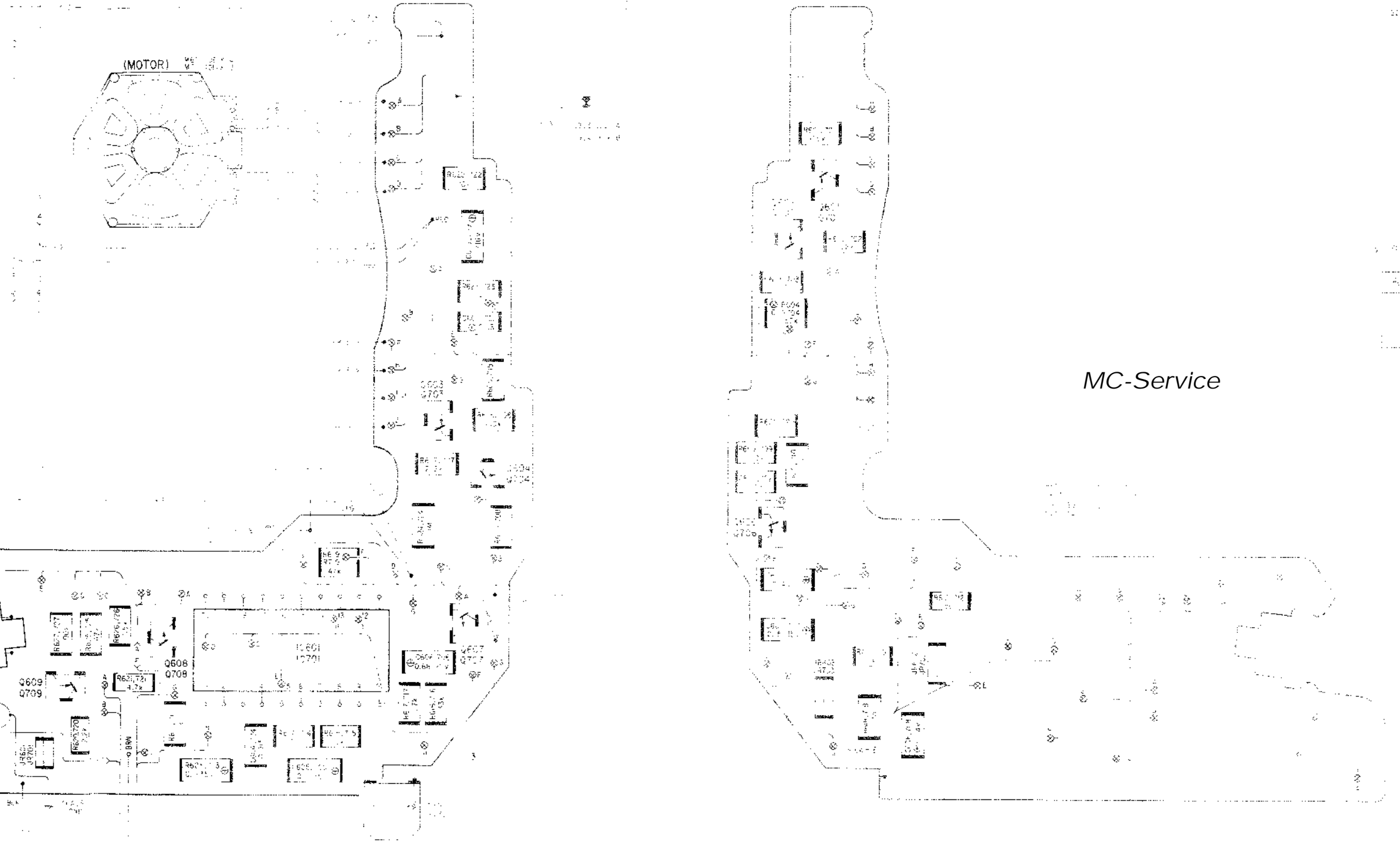
MC-Service

IC	608 708	609 709	600 700	601 701	602 702	603 703	604 704	605 705	606 706
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[SERVO (A) BOARD] (SIDE A)
[SERVO (B) BOARD]

[SERVO (A) BOARD] (SIDE B)
[SERVO (B) BOARD]

(MOTOR)



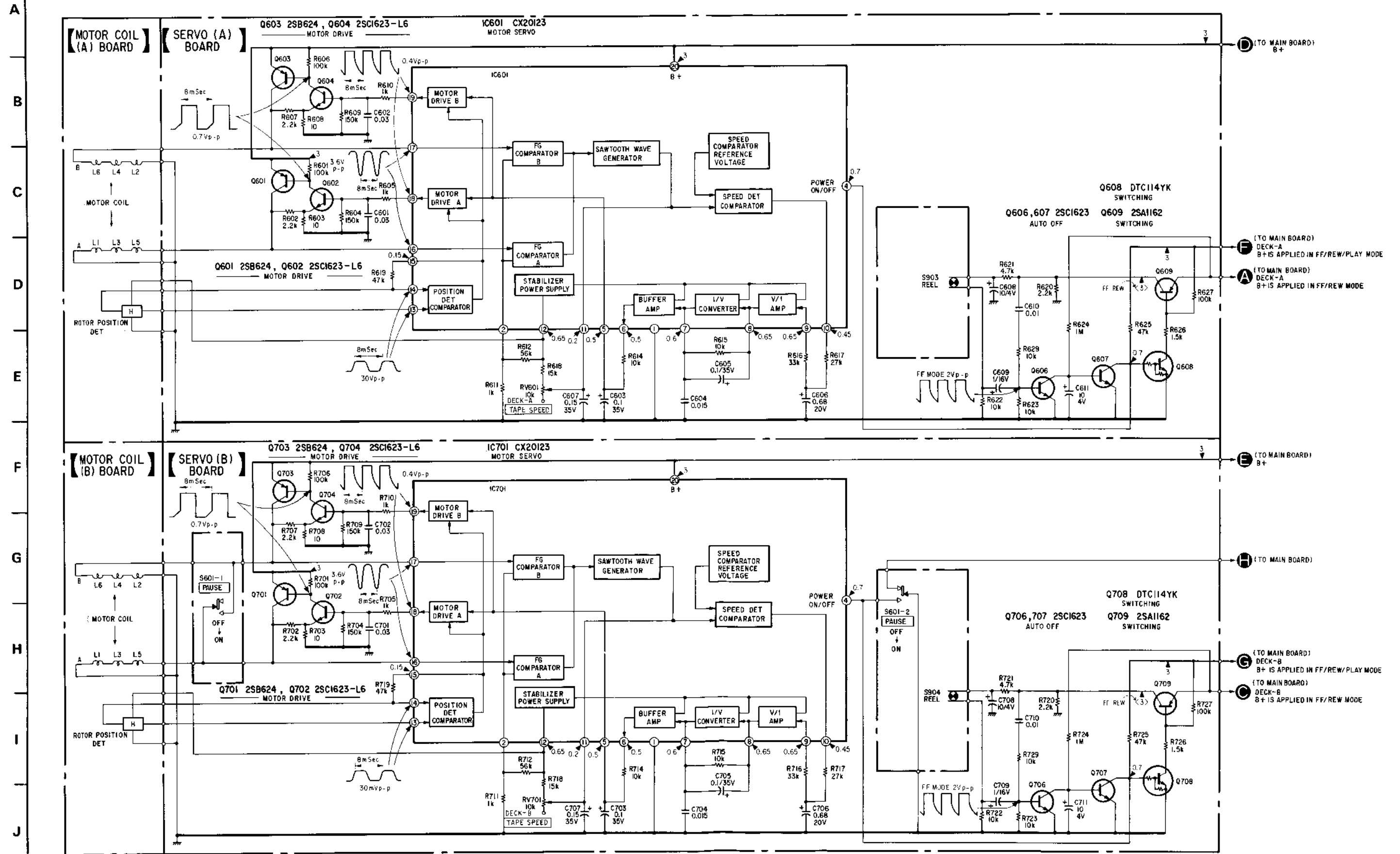
- Note on schematic diagram:
- All capacitors are electrolytic unless otherwise noted. Use only 50 WV or less electrolytic capacitors in electronic circuits and tantalum.
 - All resistors are 1/4 W, 5% tolerance unless otherwise specified.

Legend

Ref. No.	Symbol	Position
1001	HA-11	11
1002	HA-12-DECK A	12
1003	HA-13-DECK B	13

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4-4. SCHEMATIC DIAGRAM (Refer to page 22 for notes.)
- SERVO SECTION -



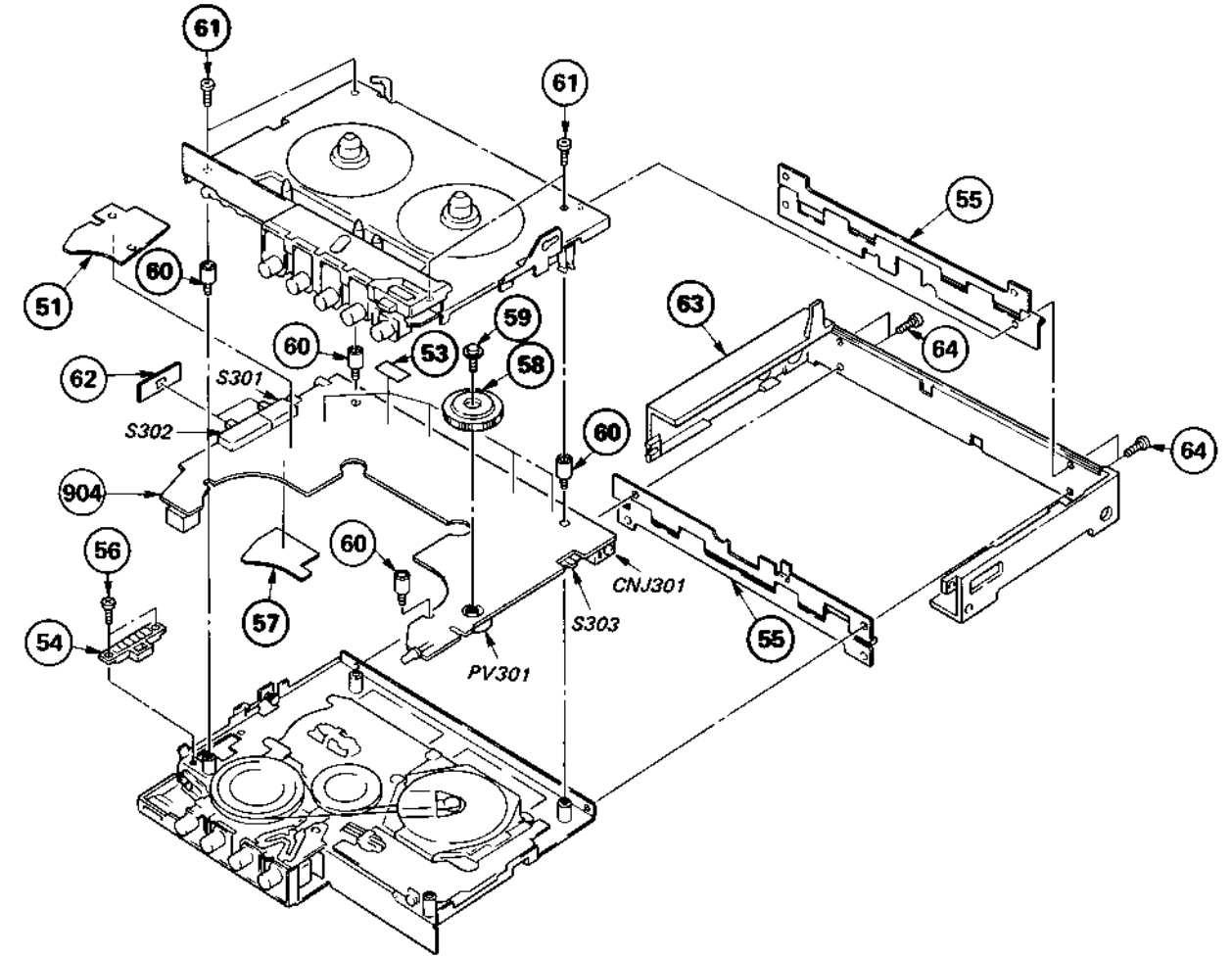
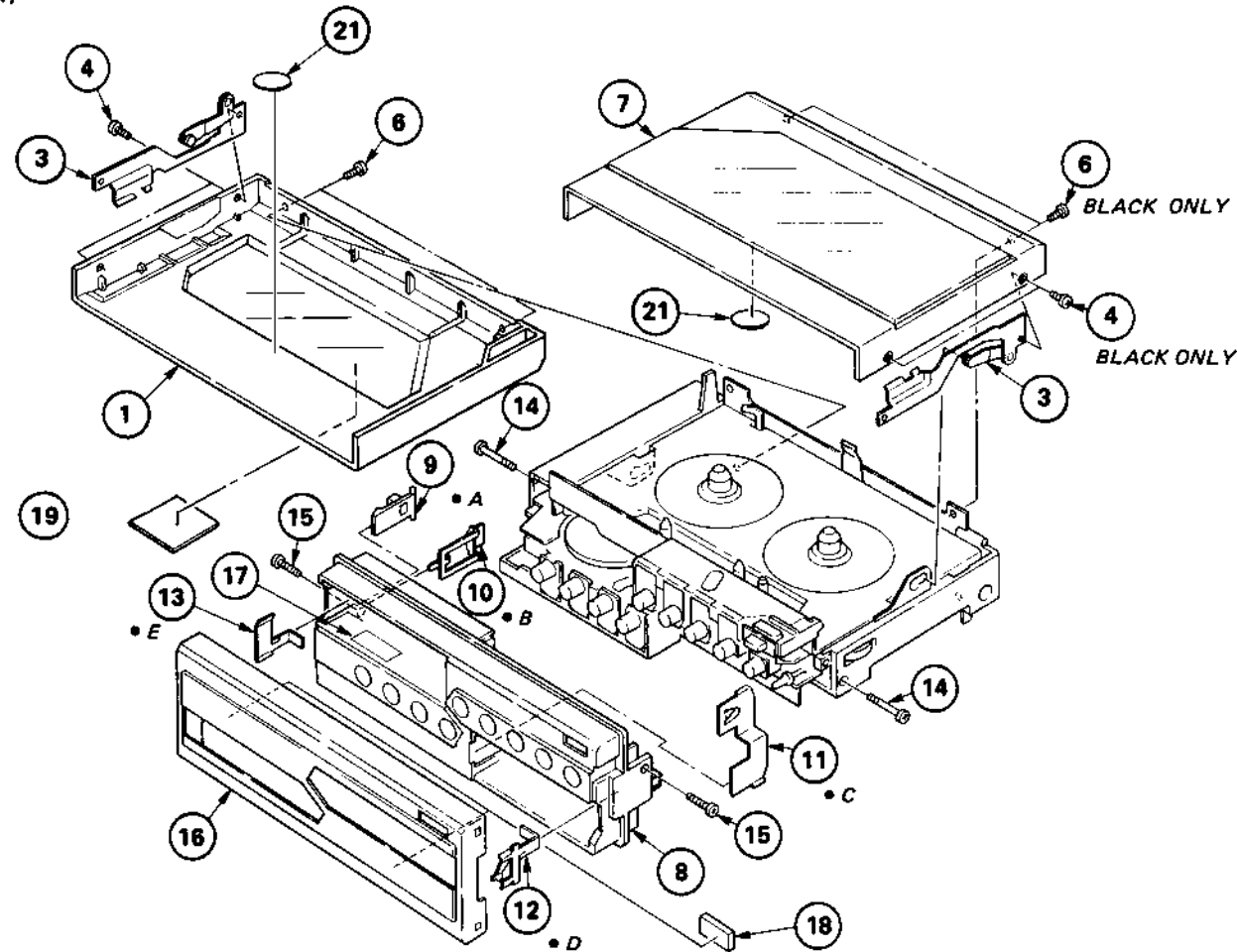
SECTION 5
EXPLODED VIEWS AND PARTS LIST

NOTE:

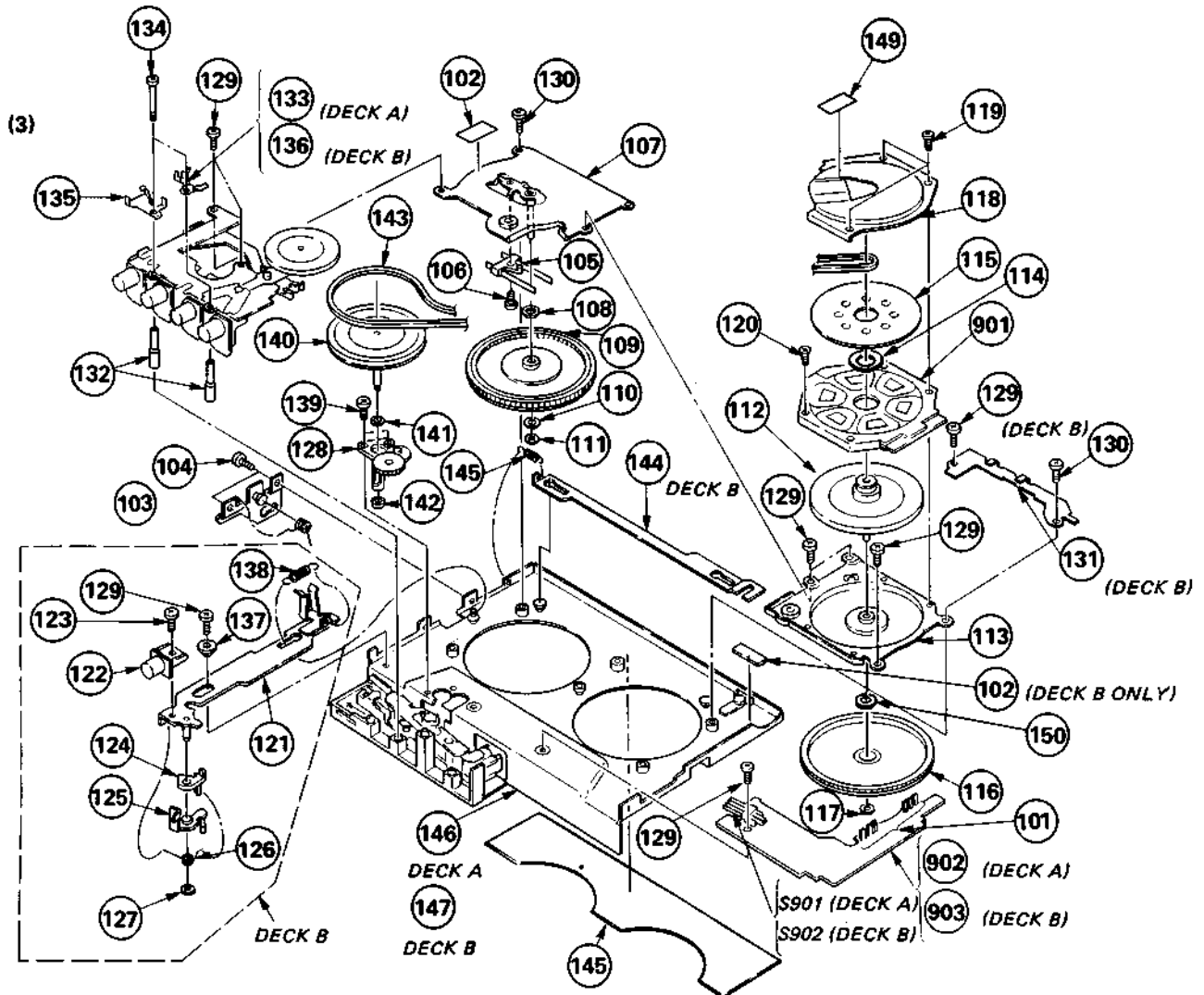
The mechanical parts with no reference number in the exploded views are not supplied. Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items. The construction parts of an assembled part are indicated with a collation number in the remark column.

(2)

(1)

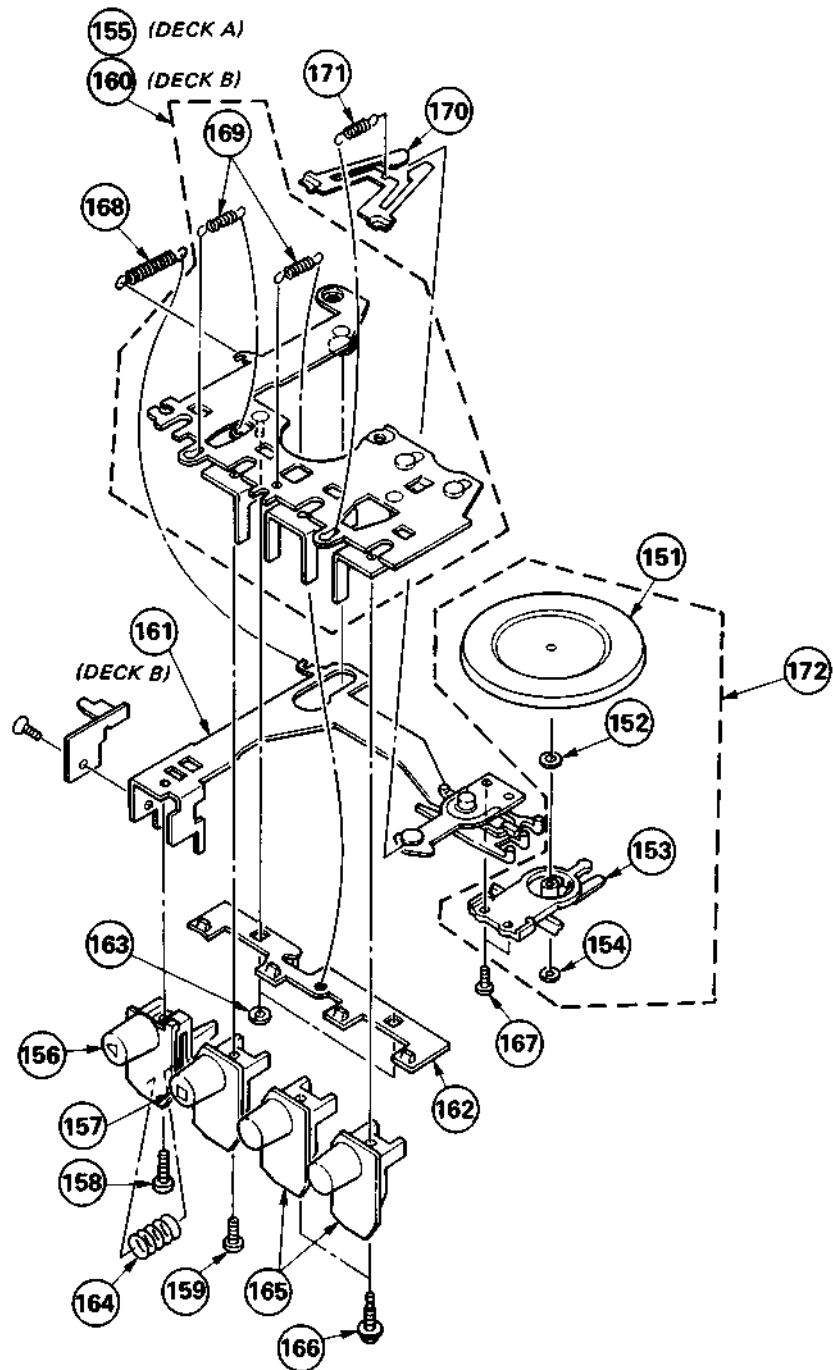


No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	X-3325-115-1	(BLACK)...LID (A) ASSY, CASSETTE		10	3-325-109-01	SPRING		51	*3-325-158-01	PLATE (A), SHIELD		59	3-703-502-31	SCREW	
	X-3325-116-1	(SILVER)...LID (A) ASSY, CASSETTE		11	3-325-125-01	TERMINAL (A), BATTERY		52	*3-325-159-01	PLATE (B), SHIELD		60	3-325-104-01	SHAFT (B), FITTING, CHASSIS	
3	X-3325-101-1	BRACKET ASSY, T LEVER		12	3-325-102-01	TERMINAL (C), BATTERY		53	3-831-441-XX	CUSHION		61	3-703-816-02	SCREW (M1.4X2.0), SPECIAL HEAD	
4	7-627-850-47	(SILVER)...SCREW, PRECISION +P 1.4X1.6		13	3-325-107-01	TERMINAL (B), BATTERY		54	1-536-861-21	MOLD (B)		62	*3-325-103-01	COVER, SWITCH	
	7-627-850-48	(BLACK)...SCREW, PRECISION +P 1.4X1.6		14	3-325-117-01	SCREW (M1.4), STEP, SPECIAL		55	X-3325-103-1	PLATE ASSY, HINGE		63	3-325-129-11	PANEL, SIDE	
6	7-627-850-17	(SILVER)...SCREW, PRECISION +P 1.4X2.5		15	7-627-850-68	SCREW, PRECISION +P 1.4X4		56	7-627-850-08	SCREW, PRECISION +P 1.4X2		64	7-627-850-58	SCREW, PRECISION +P 1.4X3.5	
	7-627-850-18	(BLACK)...SCREW, PRECISION +P 1.4X2.5		16	3-325-128-11	COVER, CONTROL PANEL		57	*3-325-170-01	SHEET, SHIELD		904	A-3015-373-A	MOUNTED PCB, AUDIO	
7	X-3325-105-1	LID (B) ASSY (BLACK), CASSETTE		17	3-527-213-00	LABEL, SERIAL NUMBER		58	3-325-127-01	KNOB, CONTROL					
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									



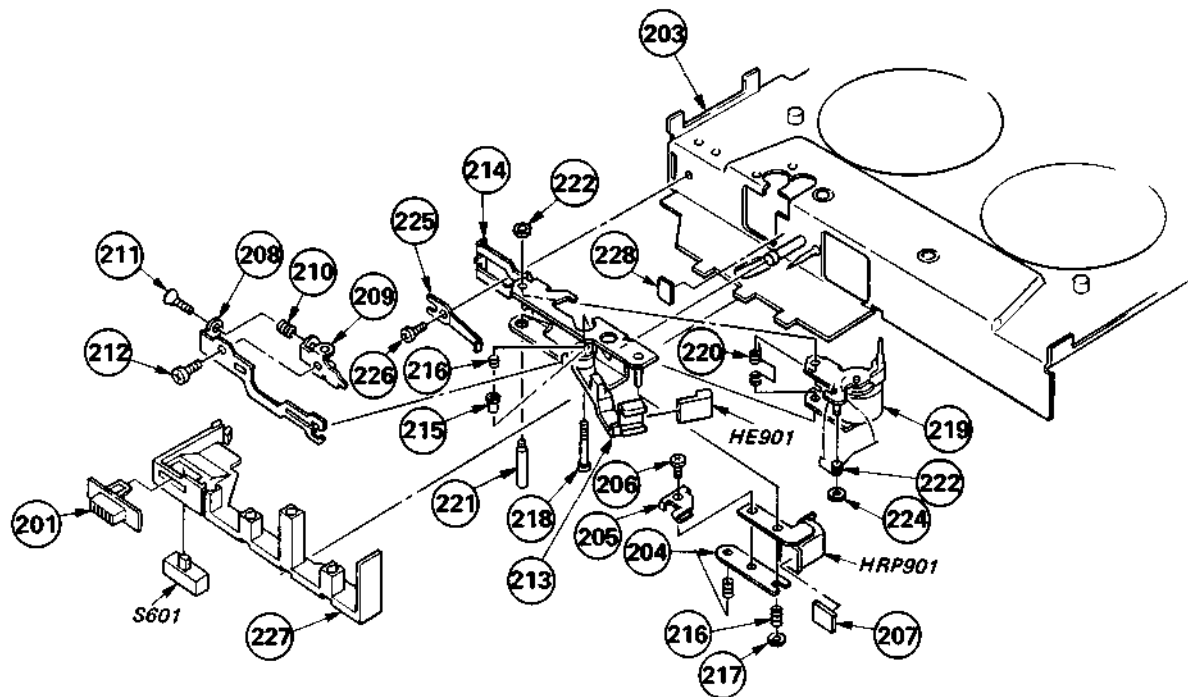
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
101	3-315-301-11	TERMINAL BOARD, MOTOR		128	X-3315-343-1	SLEEVE COMP ASSY	
102	3-831-441-XX	CUSHION		129	7-627-850-07	SCREW, PRECISION +P 1.4X2	
103	X-3325-111-1	STOPPER ASSY, T		130	7-627-552-28	SCREW, PRECISION +P 1.7X2	
104	7-627-850-37	SCREW, PRECISION +P 1.4X1.4		131	*3-325-155-01	CLAMP	
105	3-315-412-00	CONTACT, OUTSERT		132	3-315-399-00	COLLAR, BUTTON	
106	7-627-850-37	SCREW, PRECISION +P 1.4X1.4		133	*3-317-578-01	STOPPER, LEVER (C)	
107	X-3315-314-0	CHASSIS ASSY, TAKE-UP REEL		134	3-325-171-01	SCREW	
109	X-3315-315-0	GEAR ASSY, TAKE-UP REEL		135	3-308-557-00	(DECK A)...LUG, PLATE, DIA. 1.7	
110	3-317-701-01	WASHER			3-325-147-01	(DECK B)...RETAINER, LEAD	
	3-317-701-11	WASHER		136	3-320-420-01	STOPPER, FR LEVER (C)	
111	3-315-384-01	WASHER, STOPPER (t=0.13)		137	3-325-149-01	SPACER, LEVER, REC	
	3-315-384-11	WASHER, STOPPER (t=0.25)		138	3-325-145-01	SPRING, TENSION	
112	A-3133-205-A	WHEEL ASSY BLOCK ASSY, MOTOR		139	7-627-850-78	PRECISION SCREW +P 1.4X1.8	
113	A-3133-206-A	RIVETING ASSY, MOTOR SLEEVE		140	X-3317-508-1	FLYWHEEL ASSY	
114	3-315-332-01	SPACER (t=0.05)		141	3-315-495-01	WASHER (t=0.25)	
	3-315-332-11	SPACER (t=0.1)			3-315-495-11	WASHER (t=0.13)	
	3-315-332-21	SPACER (t=0.125)			3-315-495-21	WASHER (t=0.2)	
115	3-315-390-00	PLATE, HYSTERESIS			3-315-495-31	WASHER (t=0.3)	
116	3-324-546-01	GEAR (OUTSERT), REEL, SUPPLY		142	3-315-417-00	BUSHING, CAPSTAN	
117	3-315-384-01	WASHER, STOPPER (t=0.13)		143	3-315-405-00	BELT	
	3-315-384-11	WASHER, STOPPER (t=0.25)		144	3-324-524-01	SLIDER, JOINT	
	3-315-384-21	WASHER, STOPPER (t=0.2)		145	3-325-116-01	PLATE, ORNAMENTAL, CHASSIS	
	3-315-384-31	WASHER, STOPPER (t=0.3)		146	A-3102-071-A	CHASSIS (A) BLOCK ASSY, REEL	
118	*3-315-419-00	PLATE, SHIELD		147	A-3102-072-A	CHASSIS (B) BLOCK ASSY, REEL	
119	3-315-485-01	SCREW (M1.4X2.3), PRECISION		148	3-324-520-01	SPRING, TENSION	
120	3-317-706-01	SCREW (M1.4X2.3)		149	3-703-929-01	CUSHION (G)	
121	X-3325-113-	LEVER ASSY, REC		150	3-317-702-01	SPACER (D) (t=0.13)	
122	3-325-150-01	BUTTON, REC			3-317-702-11	SPACER (D) (t=0.2)	
123	3-305-528-11	SCREW, STOPPER			3-317-702-21	SPACER (D) (t=0.25)	
124	3-320-349-01	CLAW, REC LOCK		901	1-462-225-11	COIL, MOTOR (STATOR)	
125	X-3320-309-1	ARM ASSY, JOINT, E HEAD		902	A-3065-051-A	MOUNTED PCB (A), SERVO	
126	3-320-350-11	SPRING		903	A-3065-052-A	MOUNTED PCB (B), SERVO	
127	3-578-224-11	WASHER					

(4)



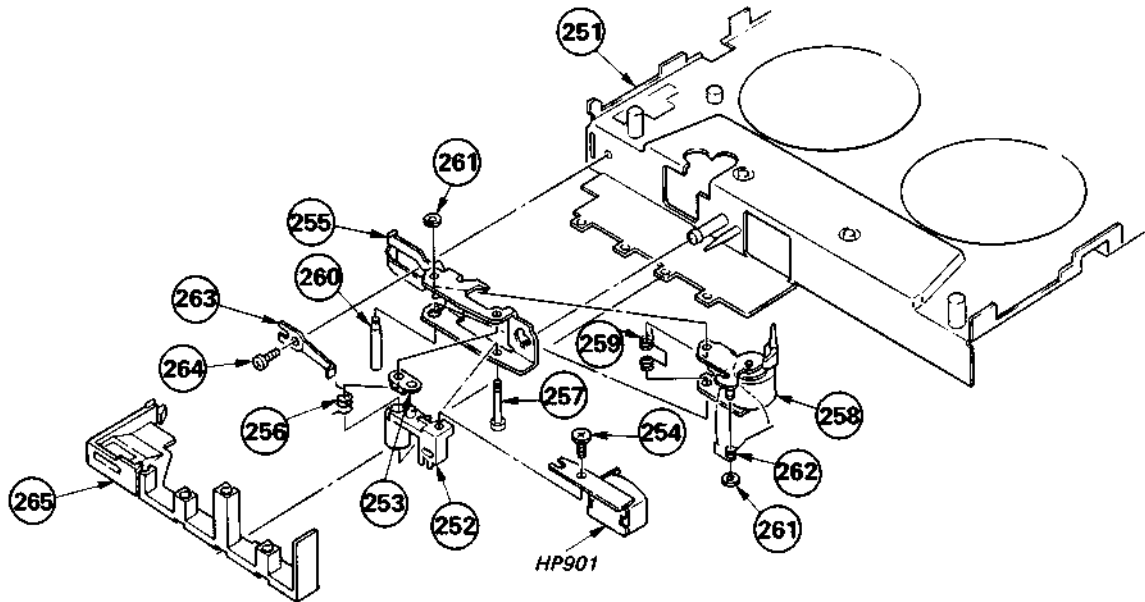
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
151	X-3315-308-0	WHEEL ASSY, REVERSE		160	X-3324-505-1	PLATE ASSY, CONTROL	
152	3-315-415-00	WASHER 1.5 DIA.(t=0.075)		161	X-3325-117-1	LEVER ASSY, PLAY	
	3-315-415-11	WASHER 2.3 DIA.(t=0.1)		162	*X-3315-304-5	PLATE ASSY, LOCK	
	3-315-416-00	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:μF, PF:μF.

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...

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

MC-Service