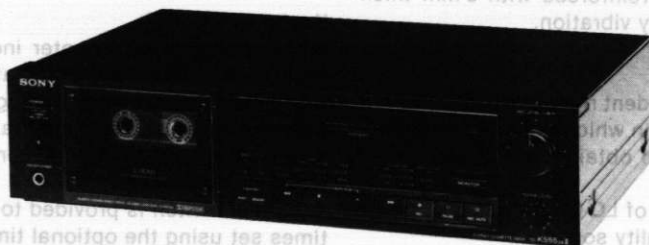


TC-K555E II

SERVICE MANUAL

*Canadian Model
AEP Model
E Model*



SPECIFICATIONS

Recording system 4-track 2-channel stereo
Fast-forward and rewind time Approx. 90 sec. (with C-60 cassette)
Bias frequency 105 kHz
Signal-to-noise ratio (at peak level)

Cassette	Dolby NR switch	OFF	B-TYPE ON	C-TYPE ON
TYPE IV (Sony METALLIC)		60 dB	67 dB	73 dB
TYPE III (Sony FeCr)		62 dB	69 dB	75 dB
TYPE II (Sony UCX)		59 dB	66 dB	72 dB
TYPE I (Sony BHF or HFX)		56 dB	63 dB	69 dB

Total harmonic distortion

0.8 % (with Sony FeCr cassette)

Frequency response DOLBY NR OFF

- With TYPE IV cassette (Sony METALLIC)
20 - 19,000 Hz (± 3 dB) (DIN)
20 - 14,000 Hz (± 3 dB, 0 VU recording)
15 - 20,000 Hz
- With TYPE III cassette (Sony FeCr)
20 - 19,000 Hz (± 3 dB) (DIN)
15 - 20,000 Hz
- With TYPE II cassette (Sony UCX)
20 - 18,000 Hz (± 3 dB) (DIN)
15 - 19,000 Hz
- With TYPE I cassette (Sony BHF or HFX)
20 - 17,000 Hz (± 3 dB) (DIN)
15 - 19,000 Hz

Wow and flutter

$\pm 0.04\%$ W, Peak (IEC)

0.025% W, RMS (NAB)

Inputs

Line inputs (phono jacks)

Sensitivity 77.5 mV (-20 dB)

Input impedance 47 k ohms

General

Power requirements 220 V ac, 50/60 Hz (AEP model)
(240 V ac adjustable by authorized Sony personnel)

120 V ac, 60Hz (Canadian model)
110, 120, 220 or 240 V ac adjustable,
50/60 Hz (E model)
Power consumption 30 watts
Dimensions Approx. 430 $\times$ 105 $\times$ 330 mm (w/h/d)
(17 $\times$ 4 $\frac{1}{4}$ $\times$ 13 inches)
including projecting parts and controls
Weight Approx. 6.6 kg (14 lbs 9 oz)
Outputs Line outputs (phono jacks)
Output level 0.44 V (-5 dB) at a load
impedance of 47 k ohms
Load impedance over 10 k ohms
Headphone output
Output level, variable from 0.003 to
3 milliwatts at a load impedance of
32 ohms

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.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE Δ SUR LES DIAGRAMMES SCHEMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

STEREO CASSETTE DECK
SONY



TC-K555ESII

FEATURES

Rigid mechanism

- The capstan shaft is directly driven by the quartz locked servo BSL (brushless and slotless) motor which provides accurate rotation.
- Two pairs of capstan shafts and pinch rollers ensure uniform tape tension and stable tape-to-head contact. As a result, wow and flutter and modulation noise are greatly reduced.
- The capstan shaft bearing plate is reinforced with 3 mm thick aluminium plate to reduce unnecessary vibration.

High quality audio amp section

- The audio amp section uses independent right and left Dolby NR ICs and has a twin-mono construction in which right and left channel parts are located symmetrically, to obtain clear stereo sound without cross-talk.
- The signal path and head coil made of LC-OFC* (Linear Crystal Oxygen Free Copper) provide high quality sound.

Independent suspension 3-head system

- With the independent suspension 3-head system, each head can be adjusted while it is installed in the mechanism.
- The record and playback heads are made of a laser amorphous magnetic alloy using LC-OFC winding. These highly durable heads provide a wider dynamic range and a more extended frequency response, especially in the high-frequencies.

Useful functions

- The digital linear counter indicates the recording or playback time elapsed on the tape so that the tape can be precisely indexed.
- Bright FL-display peak program meters follow the transient peaks of the music and maintain the peak readings.
- Using the optional remote control unit, various operations can be remotely controlled.
- A timer switch is provided to turn the deck on and off at preset times set using the optional timer.

MODEL IDENTIFICATION

— Specification Label —

SONY MODEL NO. TC-K555ESII
TAPECORDER



SERIAL NO.
MADE IN JAPAN

Canadian model: AC 120 V 60 Hz 30 W
AEP model: AC 220 V ~ 50/60 Hz 30 W
E model: AC 110, 120, 220, 240 V ~ 50/60 Hz 30 W

SPECIFICATIONS

Cassette	TYPE I (Sony BHF or HF)	TYPE II (Sony UCX)	TYPE III (Sony FeCr)	TYPE IV (Sony METALLIC)
Signal-to-noise ratio (at peak level)	58 dB	58 dB	58 dB	58 dB
Bias frequency	105 kHz	105 kHz	105 kHz	105 kHz
Approx. 90 sec. (with C-60 cassette)				
Fast-forward and rewind time				
Recording system	4-track 2-channel stereo			

General
Power requirements
220 V ac, 50/60 Hz (AEP model)
(240 V ac adjustable by authorized Sony personnel)

Inputs
Line inputs (phono jacks)
Sensitivity 77.5 mV (±20 dB)
Input impedance 47 k ohms

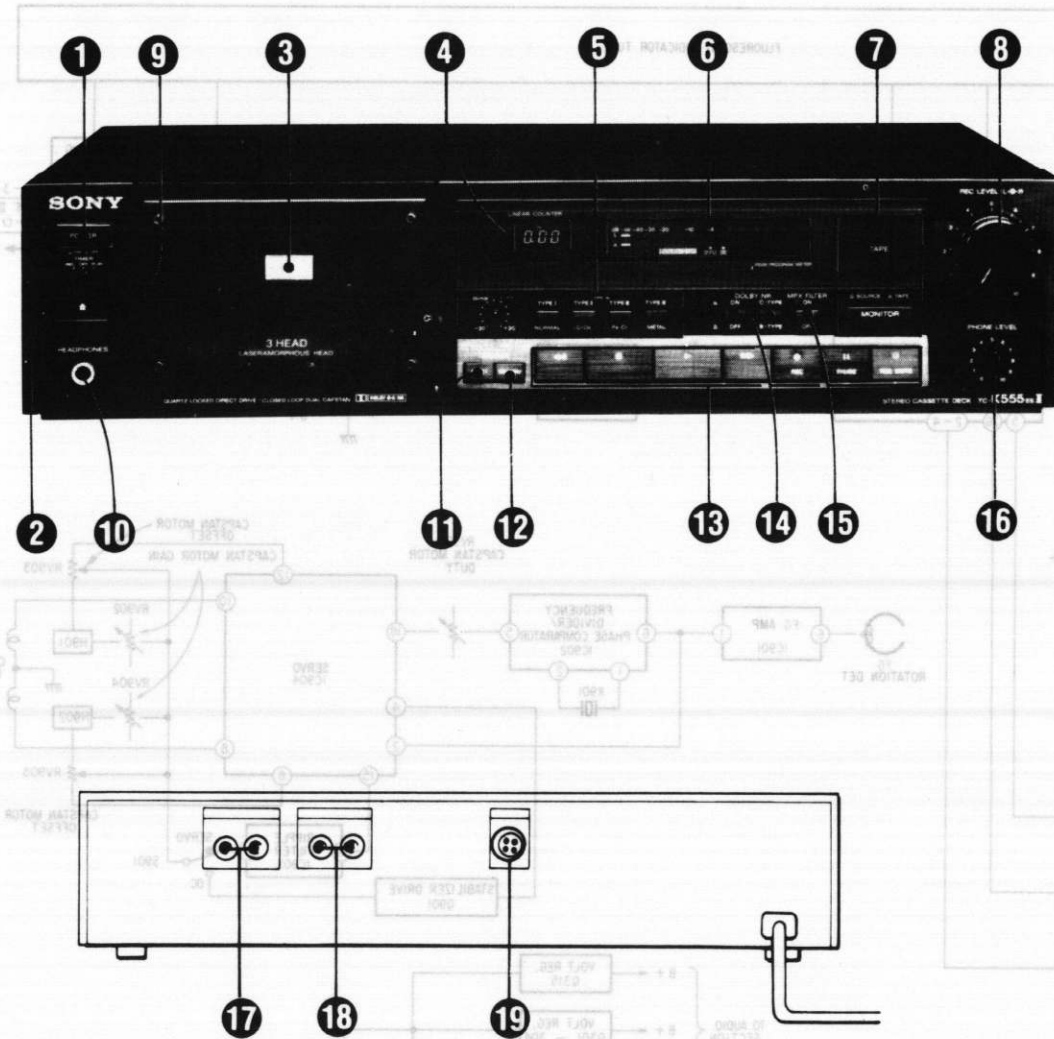
Wow and flutter
±0.04% W, Peak (IEC)
0.025% W, RMS (NAB)

Frequency response
DOLBY NR OFF
• With TYPE IV cassette (Sony METALLIC)
20 - 19,000 Hz (±3 dB) (DIN)
20 - 14,000 Hz (±3 dB, 0 VU recording)
15 - 20,000 Hz
• With TYPE III cassette (Sony FeCr)
20 - 19,000 Hz (±3 dB) (DIN)
15 - 20,000 Hz
• With TYPE II cassette (Sony UCX)
20 - 18,000 Hz (±3 dB) (DIN)
15 - 19,000 Hz
• With TYPE I cassette (Sony BHF or HF)
20 - 17,000 Hz (±3 dB) (DIN)
15 - 18,000 Hz

Total harmonic distortion
0.8% (with Sony FeCr cassette)

SECTION 1 OUTLINE

1-1 LOCATION AND FUNCTION OF CONTROLS



FUNCTION OF CONTROLS

1 POWER switch

Depress this switch to turn on the power. The lamp in the cassette holder, the display of the peak program meter and the tape counter will light up. The indicator lamp of the **II** (pause) button will blink for about 3 seconds, indicating that the function buttons are in-operative during this period. Press this switch again to turn the power off.

2 TIMER switch

You can set the unit to record or playback at a predetermined time by connecting any commercially available timer. To record, set this timer switch to REC. To play back, set it to PLAY.

3 Cassette holder

Insert the cassette into this holder. If the cassette holder is not completely closed, the function buttons cannot be operated.

4 LINEAR COUNTER

This counter indicates the tape running time.

5 TAPE select buttons and BIAS control

Depress one of the TAPE select buttons according to the type of tape to be used. When the appropriate button is depressed, the optimum equalization and bias current settings are obtained for recording, and the optimum equalization setting is obtained for playback. When recording using a TYPE I (NORM), TYPE II (CrO₂) or TYPE III (Fe-Cr) tape, adjust the BIAS control.

6 Peak program meters

With the MONITOR switch set to SOURCE, the meters show the peak input level of each channel, and to TAPE, the meters show recorded levels. They follow the transient peaks of high-level inputs that are too brief to be followed by conventional VU meters so that the optimum recording level can be accurately set. The highest input of each channel is held about 2.4 seconds on the scale, except when a higher peak occurs before 2.4 seconds have passed, in which case that peak is immediately indicated.

7 MONITOR switch and indicator

When adjusting the recording level, set this switch to the released position (SOURCE Δ) to allow monitoring of the sound to be recorded. During playback, depress this switch (TAPE Δ) to allow monitoring of the recorded sound. According to the MONITOR switch setting, "SOURCE" or "TAPE" will appear in the indicator window. During recording, use this switch to monitor either the source or the recorded sound.

8 REC LEVEL (recording level) controls

These controls adjust the recording level. The knob nearest the panel is for the left channel and the other knob for the right channel. To adjust the level of the left or right channel only, turn the appropriate knob while holding the other knob.

9 (eject) button

Press this button to open the cassette holder.

10 HEADPHONES jack

Headphones may be inserted either to monitor the input signals to be recorded or to listen to a recording in the playback mode. Headphone volume is adjustable with the PHONE LEVEL control.

11 COUNTER RESET button

Press this button to reset the tape counter to "0.00".

12 COUNTER MEMORY button

Press to rewind the tape to the "0.00" point on the tape counter. The word "MEMORY" is displayed below the tape counter. Pressing the **▶** button together with the **◀◀** button automatically starts playback from "0.00". When you do not use the memory function, press this button again. The word "MEMORY" will disappear.

13 Function buttons

It is possible to switch directly from one mode to another. The indicator lamps light when the tape deck is in the forward, record or pause mode.

◀◀ (rewind) button: Press this button to rewind the tape. This button is also used, with the **▶** button, to initiate auto play.

■ (stop) button: To stop the tape, press this button. The tape will stop automatically when it is completely wound in either direction.

▶ (forward) button: Press this button to play the tape back. To record, press this button while holding the **●** button down.

▶▶ (fast-forward) button: Press this button to advance the tape rapidly.

● (record) button: Press this button together with the **▶** button to start recording.

II (pause) button: To pause for a moment during recording or playback, press this button. This button is also used to control more precisely the start of recording and to release the record muting mode.

○ (record muting) button: Press this button to eliminate unwanted material and to insert a blank space during recording.

16 DOLBY NR switches

The left switch turns the Dolby NR* (Noise Reduction) system on and off and the right switch selects either the B-type or C-type Dolby NR system.

To record with the Dolby NR process, depress the ON/OFF switch to the ON position and choose B-TYPE (Δ) or C-TYPE (Δ).

To record without the Dolby NR process, press the ON/OFF switch again to release.

When playing back, set these switches to the same position used in recording.

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

17 MPX FILTER switch

Normally set this switch to OFF. When recording FM stereo broadcasts with the Dolby NR system, set it to ON if the 19 kHz pilot signal and the 38 kHz subcarrier have not been adequately suppressed by the FM tuner or receiver. If the tuner or the receiver suppresses such signals adequately (most high-quality tuners and receivers will), you do not have to set this switch to ON.

When your tuner is not equipped with the MPX filter or when the recorded FM broadcasting sound is audibly distorted, set this switch to ON.

18 PHONE LEVEL control

This control adjusts the headphone level. This setting does not affect the peak program meters or the output level of the LINE OUT jacks at the rear.

Rear panel

19 LINE IN (line input) jacks (phono jack)

Accepts tape outputs from an amplifier for tape recording and line outputs from another tape deck when duplicating a tape from that unit.

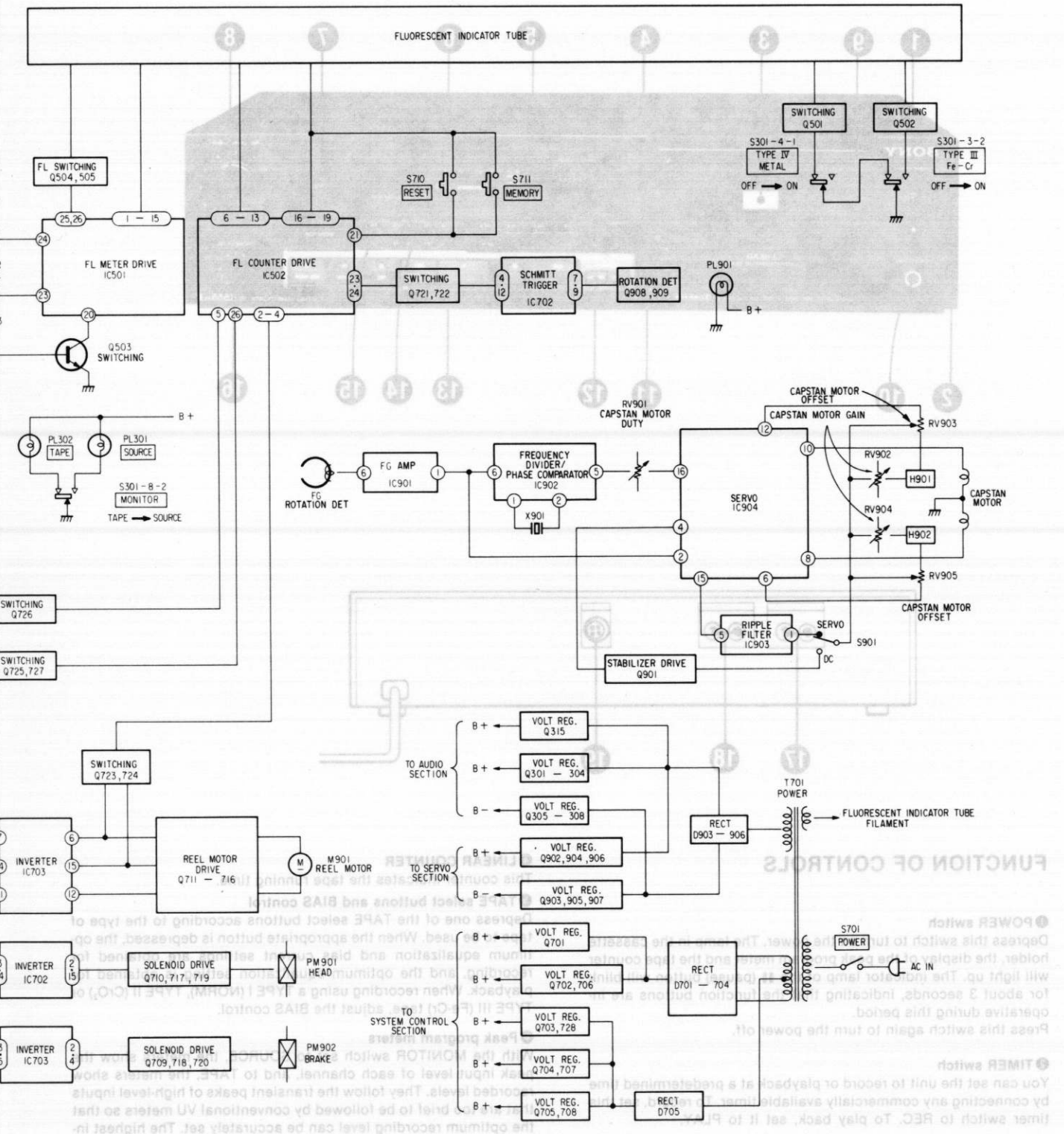
20 LINE OUT (line output) jacks (phono jack)

Accepts tape inputs from an amplifier for playing back a tape and line inputs from another tape deck for duplicating a tape onto that unit.

21 REMOTE control connector

Connect the optional RM-50, RM-51 (wired) or RM-80 (wireless) remote control unit to operate the tape transport functions from a distance. Synchronized operation is also possible with selected Sony turntables, using the optional RM-65 synchro remote control unit. Read the instruction manual of your remote control unit before operating it.

SECTION 1
OUTLINE

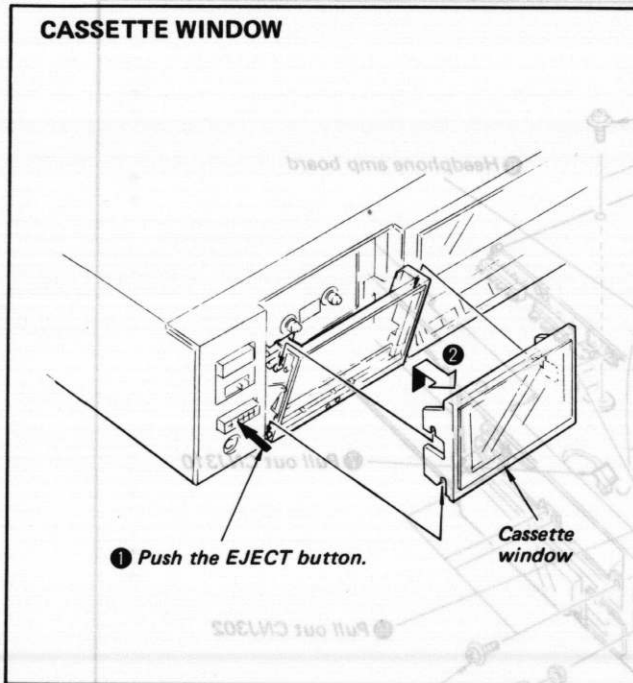


SECTION 2

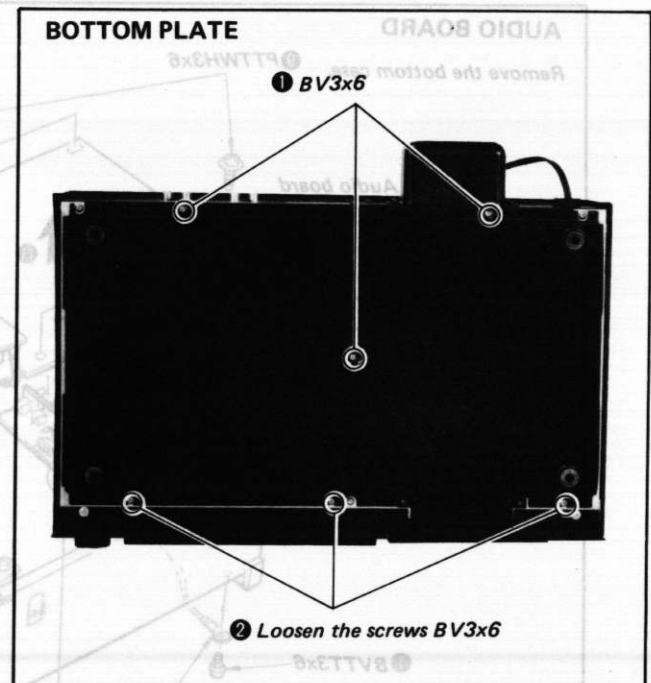
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

CASSETTE WINDOW



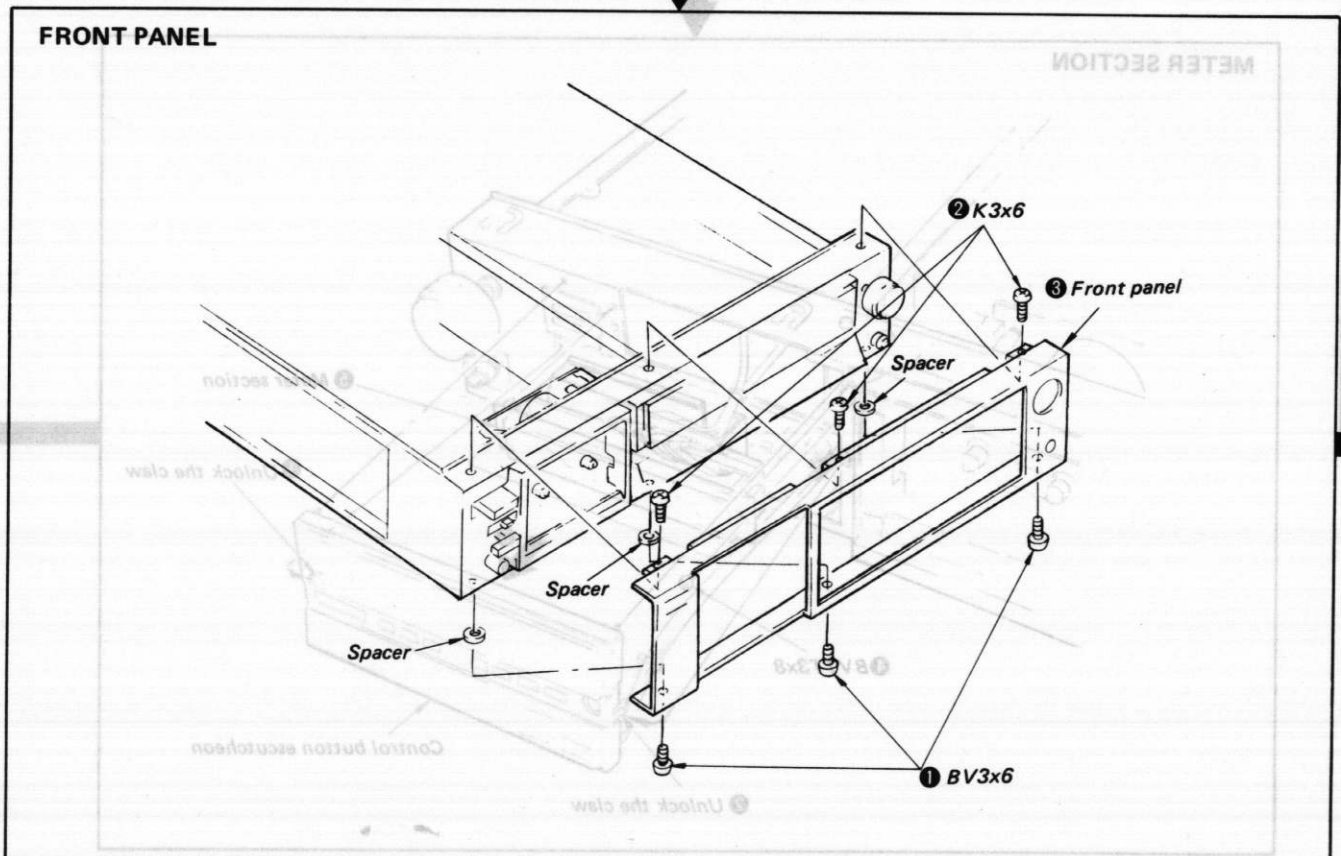
BOTTOM PLATE



CASE

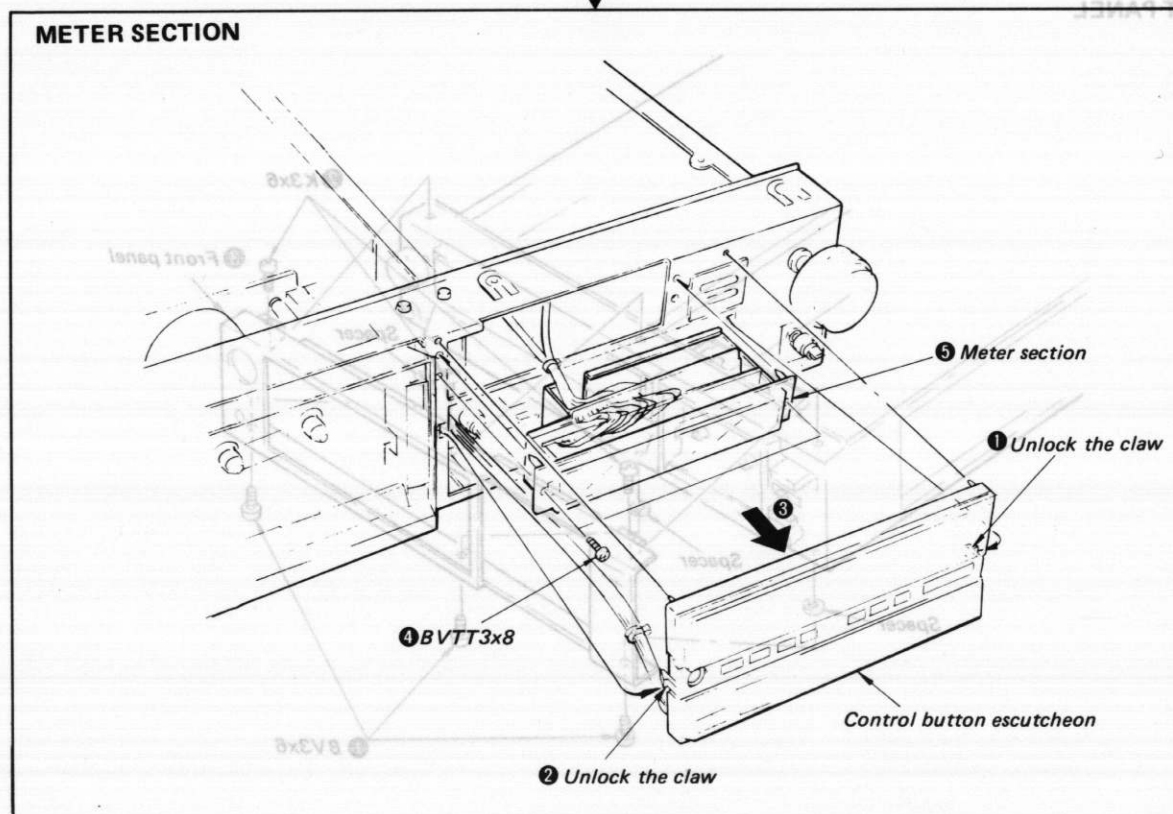
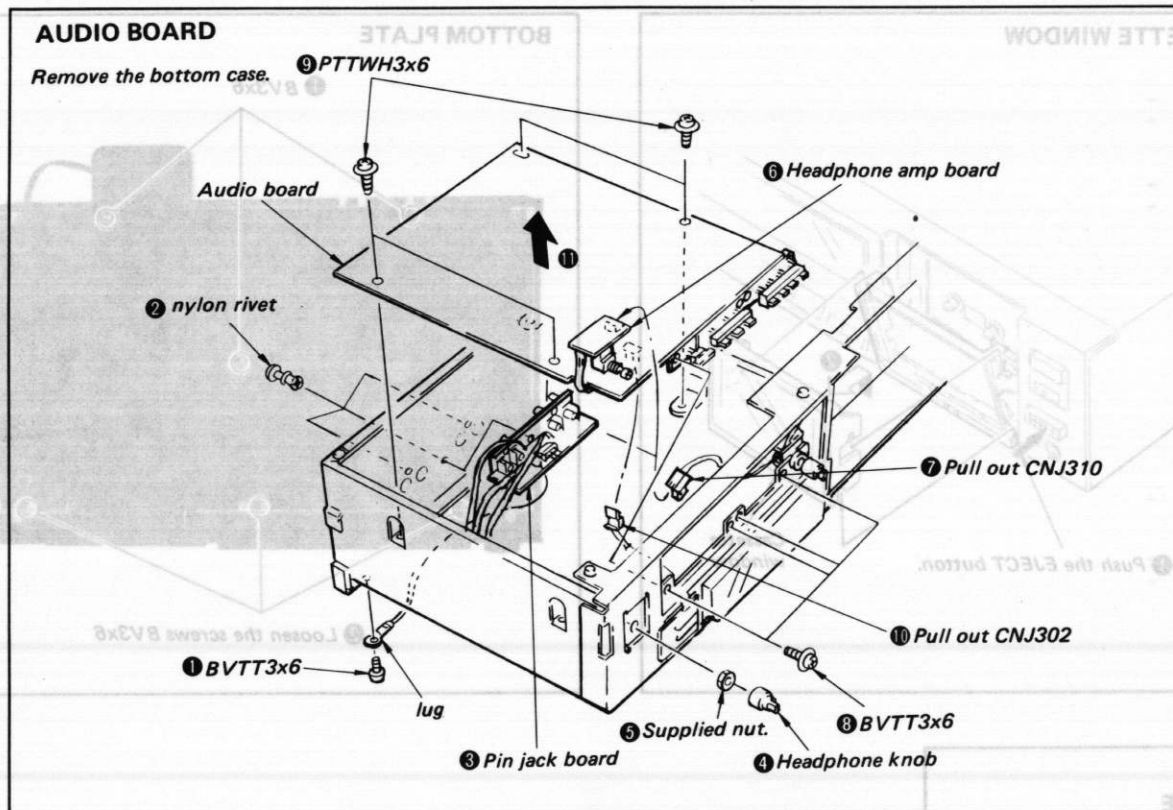
Remove four case screws at left and right side.

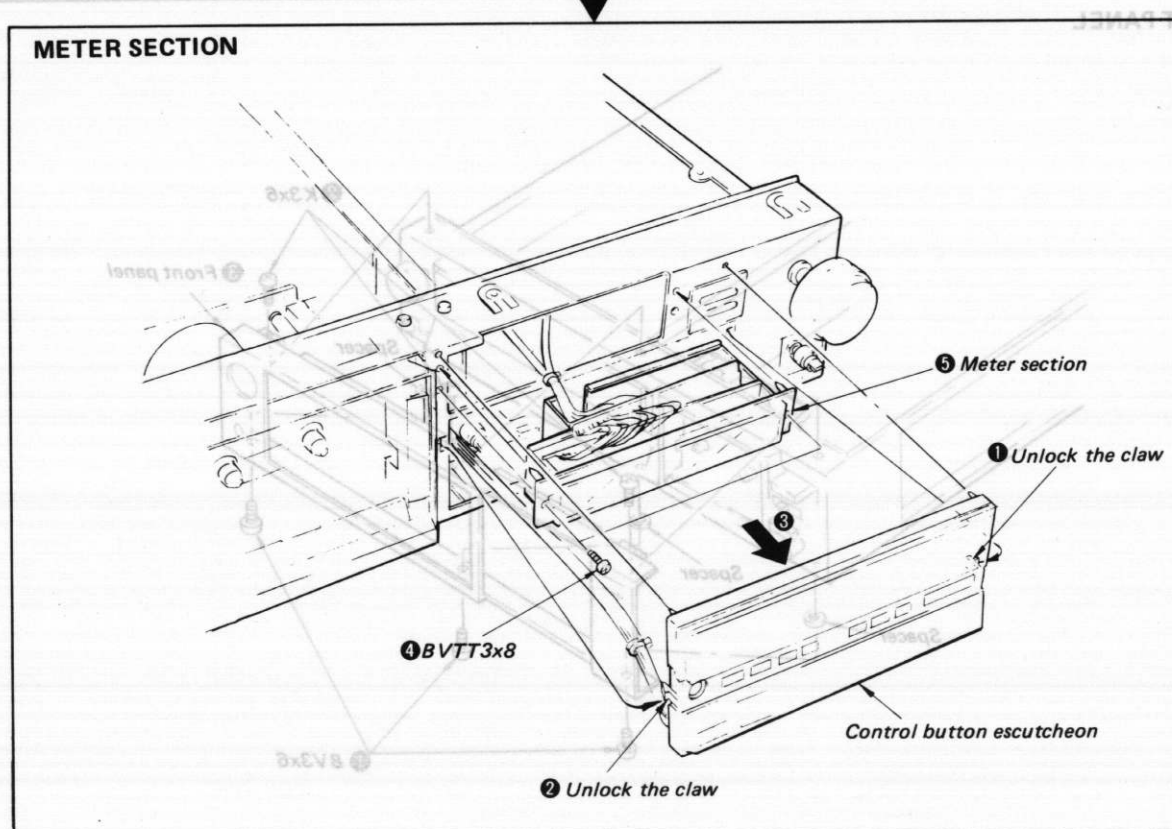
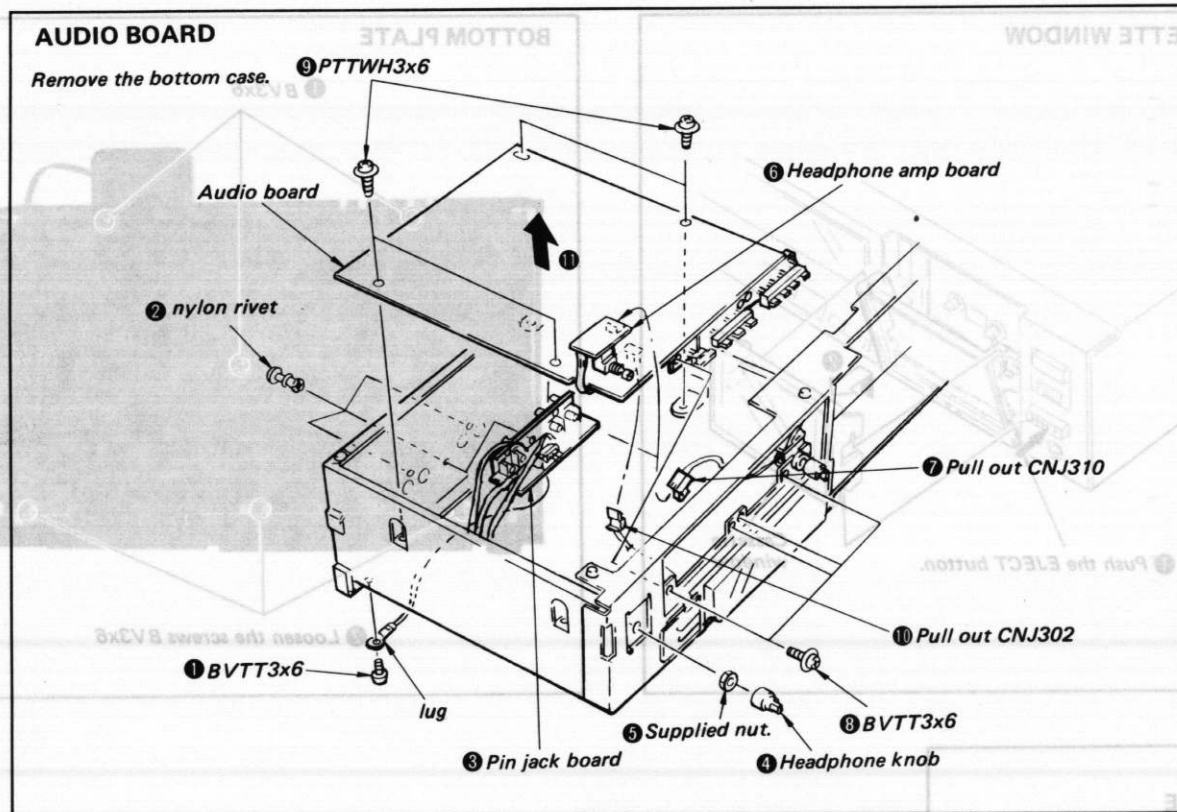
FRONT PANEL



TC-K555ESIISECTION 2
DISASSEMBLY

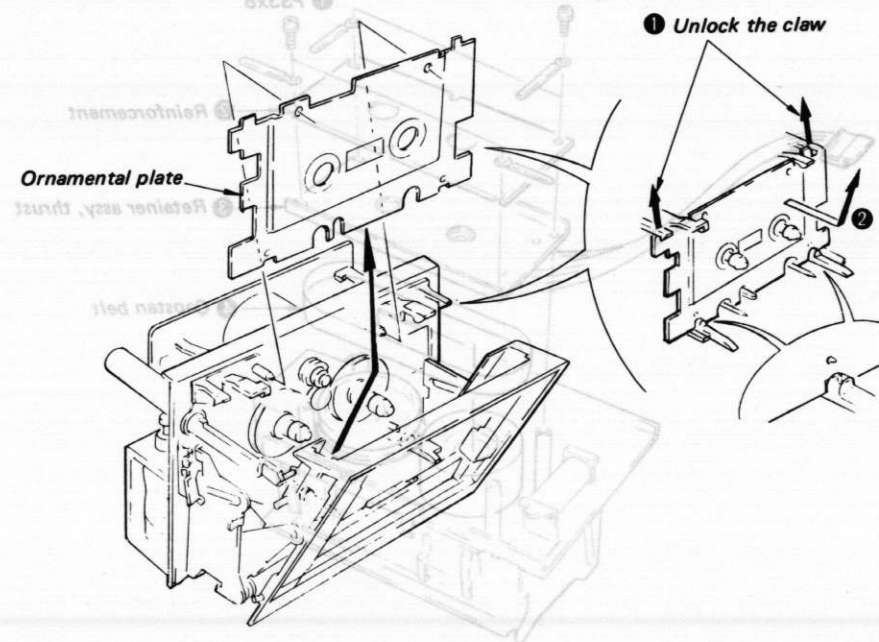
Note: Follow the disassembly procedure in the numerical order given.



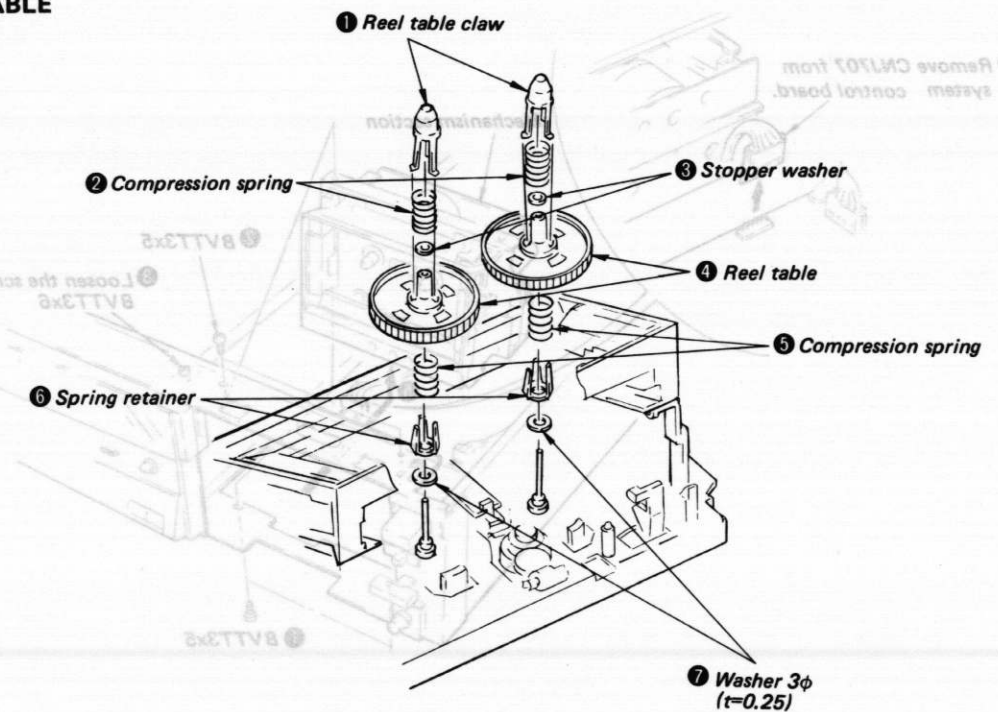
TC-K555ESII

TC-K555ESII TC-K555ESII

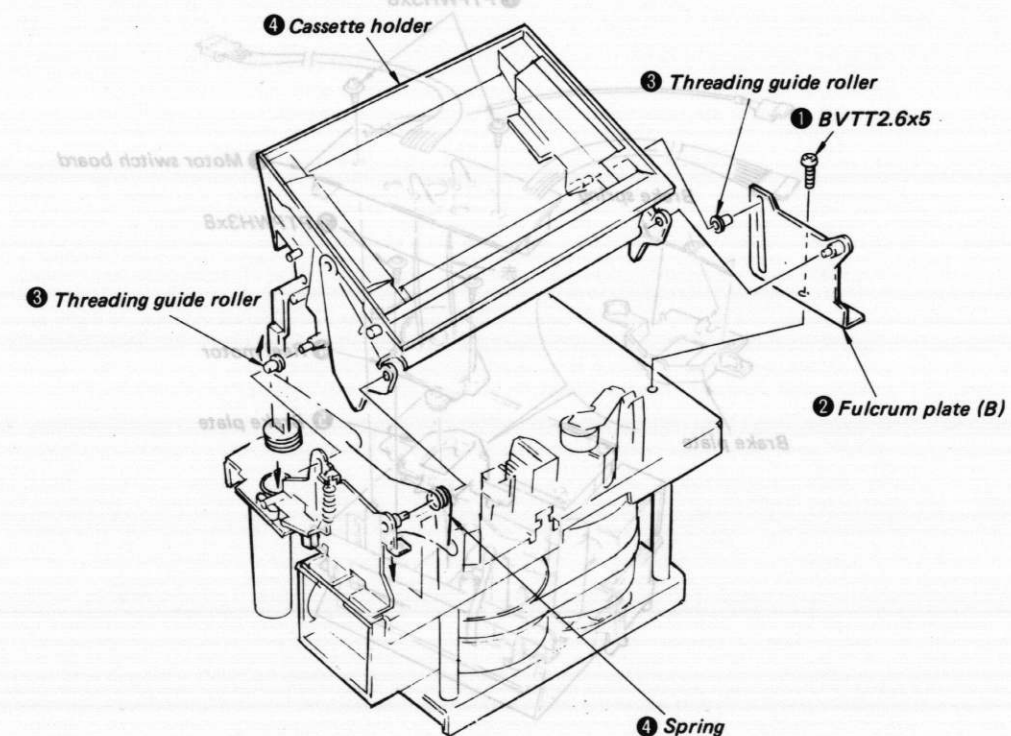
ORNAMENTAL PLATE



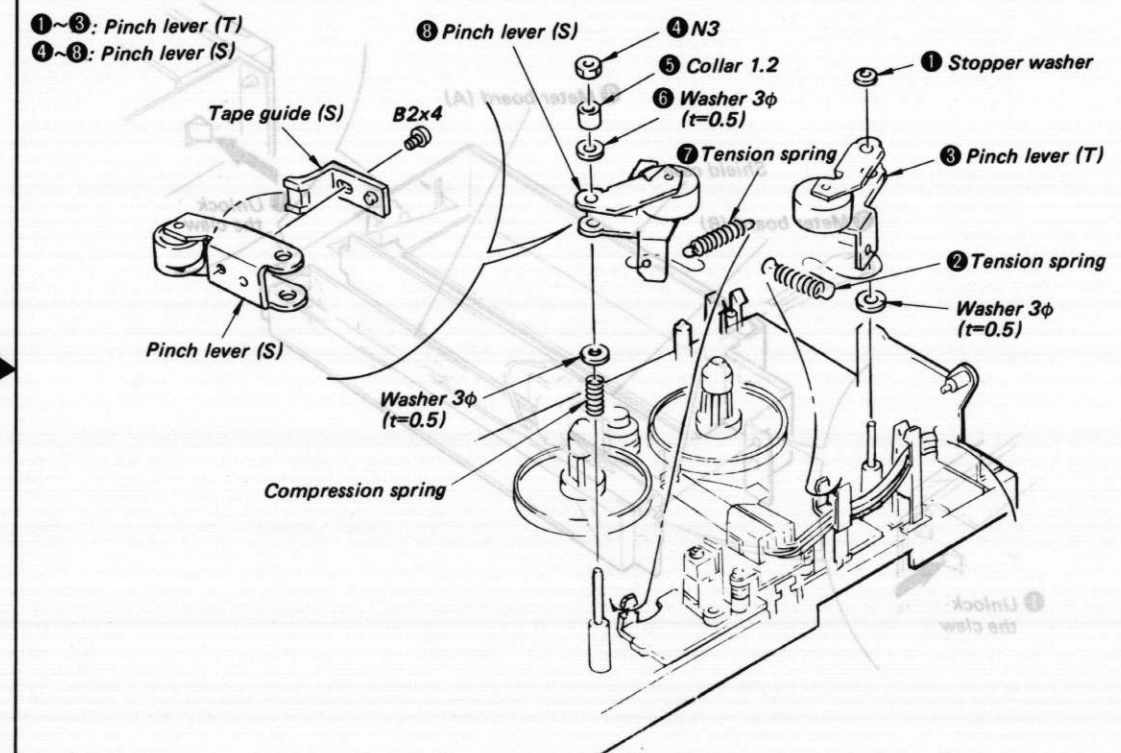
REEL TABLE



CASSETTE HOLDER



PINCH LEVER (T), (S)

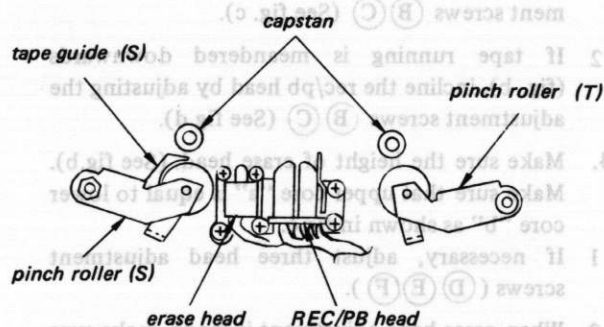


SECTION 3 ADJUSTMENTS

3-1 MECHANICAL ADJUSTMENTS

PRECAUTION

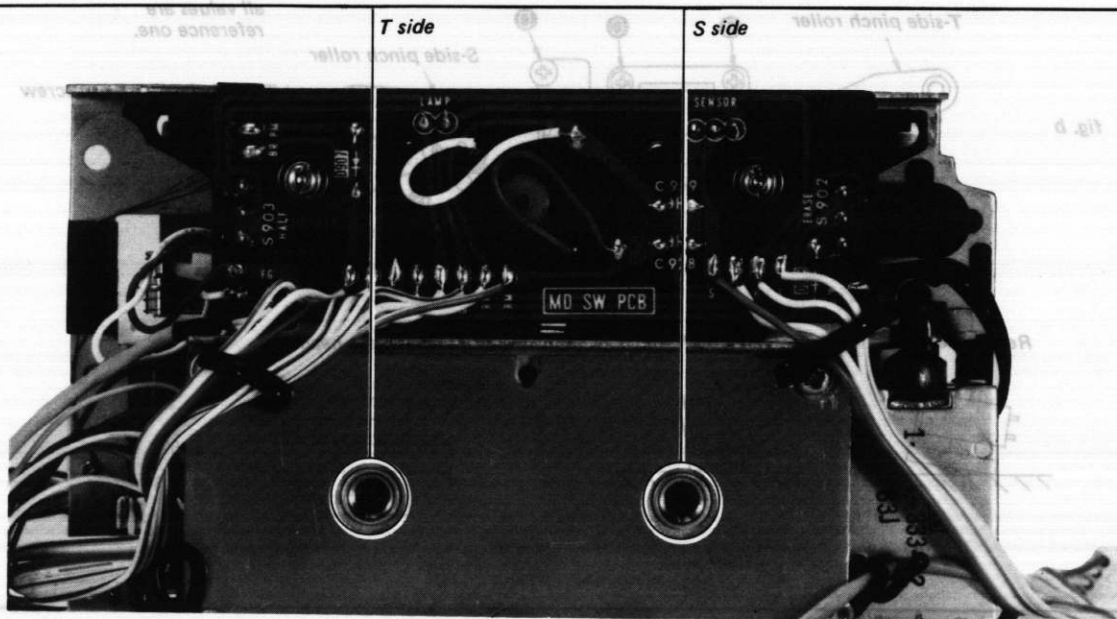
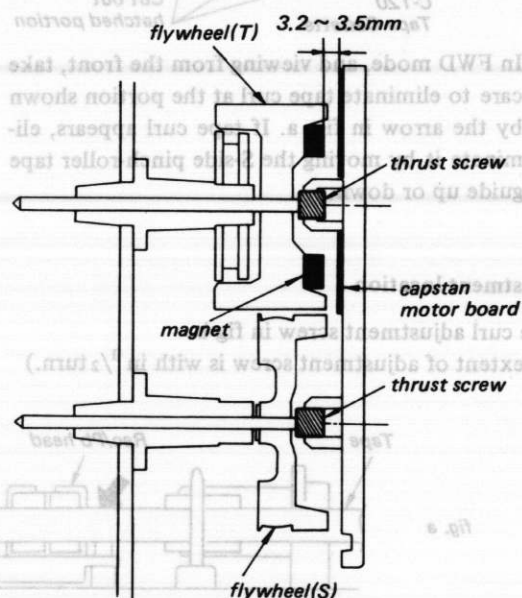
1. Clean the following parts with a denatured-alcohol-moistened swab:



2. Demagnetize the record/playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Flywheel Thrust Adjustment

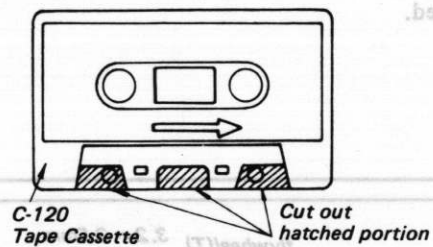
1. T-side flywheel thrust adjustment.
Turn the thrust screw until the clearance between the flywheel (T) and capstan motor board is 3.2 – 3.5mm.
2. S-side flywheel thrust adjustment
Lightly tighten the thrust screw clockwise until there is no play on the flywheel (S). Then loosen the thrust screw $1/2 - 3/4$ turns from that position.
3. After the adjustment, lock the screws with locking compound.



Head Height Adjustment Procedure:

Prepare head height adjustment jig. If it is not obtained, perform the following procedures, Insert mirror tape cassette or the adjustment tape cassette illustrated below. Adjust three screws ((a) (b)) so that tape is correctly passed in rec/pb head tape guide when head base plate is pushed by hand.

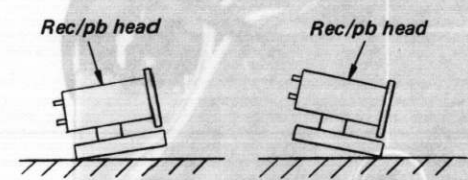
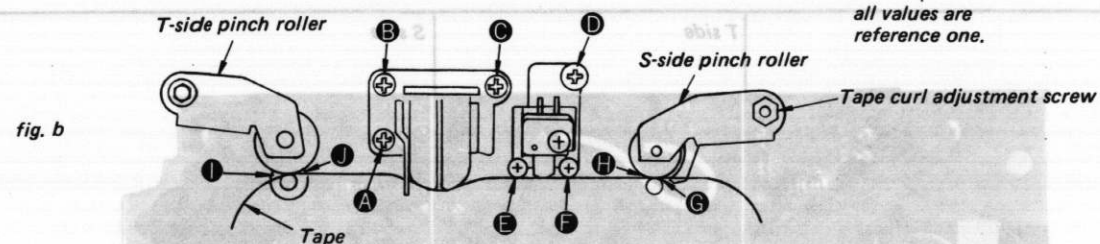
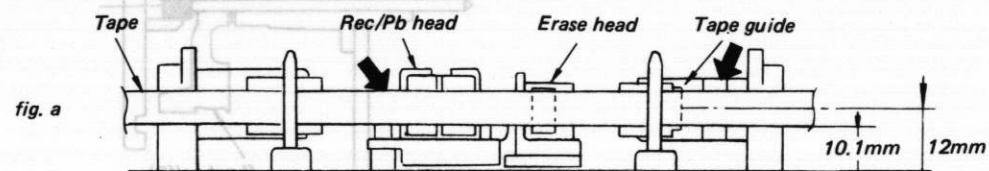
1. Prepare a mirror cassette or an adjustment cassette as shown below.



2. In FWD mode, and viewing from the front, take care to eliminate tape curl at the portion shown by the arrow in fig. a. If tape curl appears, eliminate it by moving the S-side pinch-roller tape guide up or down.

Adjustment location

Tape curl adjustment screw in fig-b.
(An extent of adjustment screw is with in 1/2 turn.)

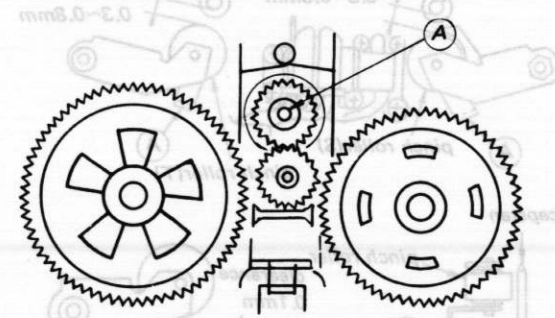


3. Apply no back tension, and make sure that tape running is straight at positions shown by (G) (H) (I) (J)

1. If tape running is meandered upwards (fig.b), incline the rec/pb head by adjusting the adjustment screws (B) (C) (See fig. c).
 2. If tape running is meandered downwards (fig. b), incline the rec/pb head by adjusting the adjustment screws (B) (C) (See fig.d).
 4. Make sure the height of erase head. (See fig.b). Make sure that upper core "a" is equal to lower core "b" as shown in fig.e.
1. If necessary, adjust three head adjustment screws (D) (E) (F).
 2. When erase head adjustment is made, make sure that head zenith adjustment is correct. If necessary, adjust head zenith adjustment screw (D).

Forward Torque Adjustment

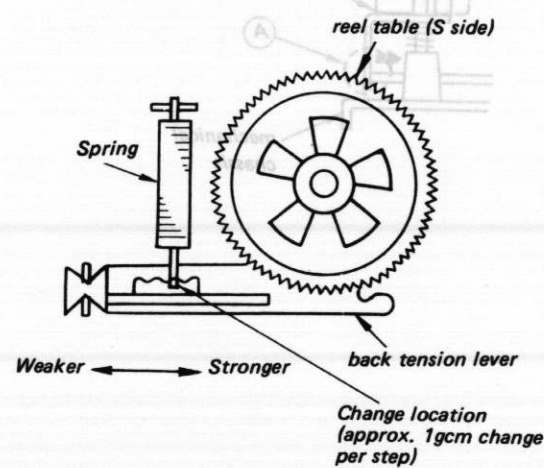
1. Remove the ornamental plate.
2. Press the cassette detection switch and T side reel table simultaneously by hand and then press the forward button. In this state, hold the T reel table so that it does not rotate.
3. Now adjust RV701 to the position where (A) begins to rotate.
(It will shut off immediately, so press the forward button to repeat.)



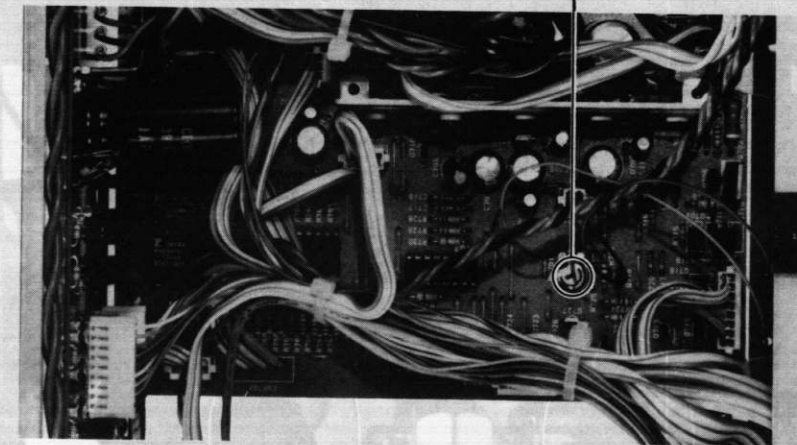
4. Next insert CQ-102C, and measure forward torque and back tension torque. If back tension torque is not within the specifications, change the location where the spring is hooked.

Specifications:

forward torque: 30 - 60 g·cm
back tension torque: 7 - 10.5 g·cm

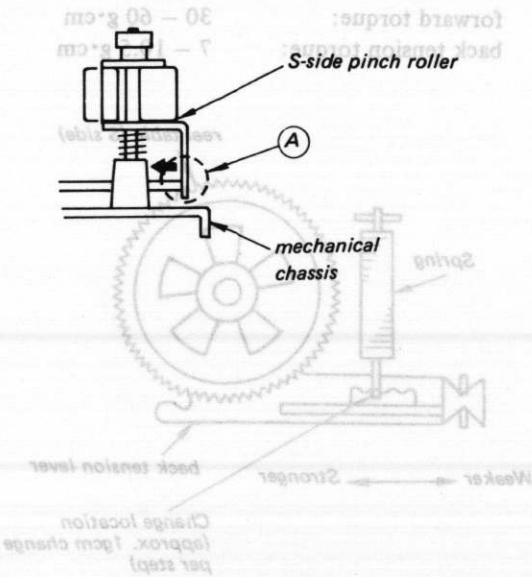


RV701



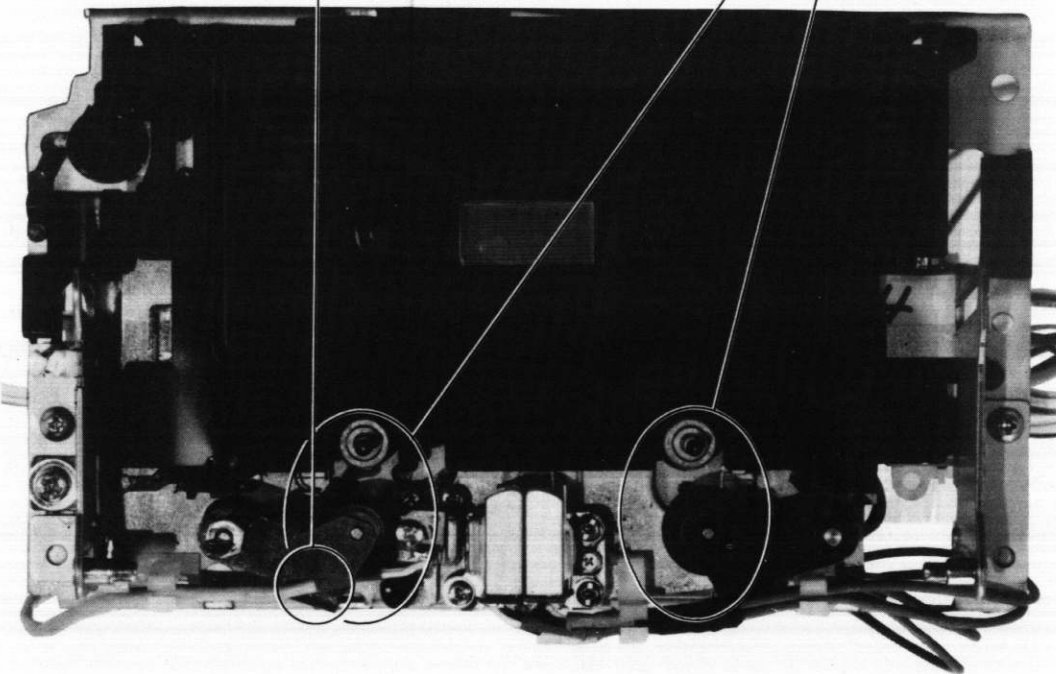
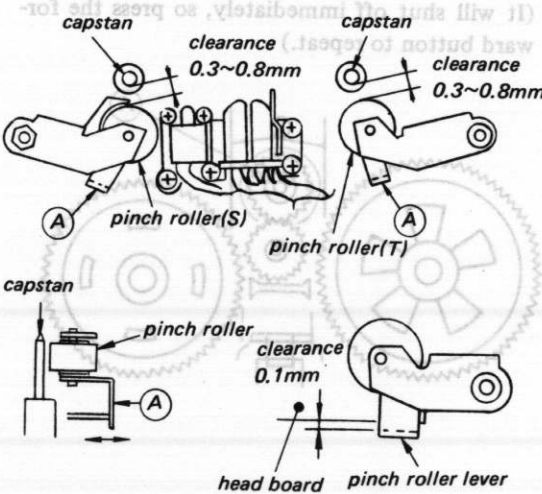
Pinch Roller Pressure Check

Slowly push the head base plate upward.
Confirm that T-side pinch roller begins to
rotate earlier than S-side pinch roller.

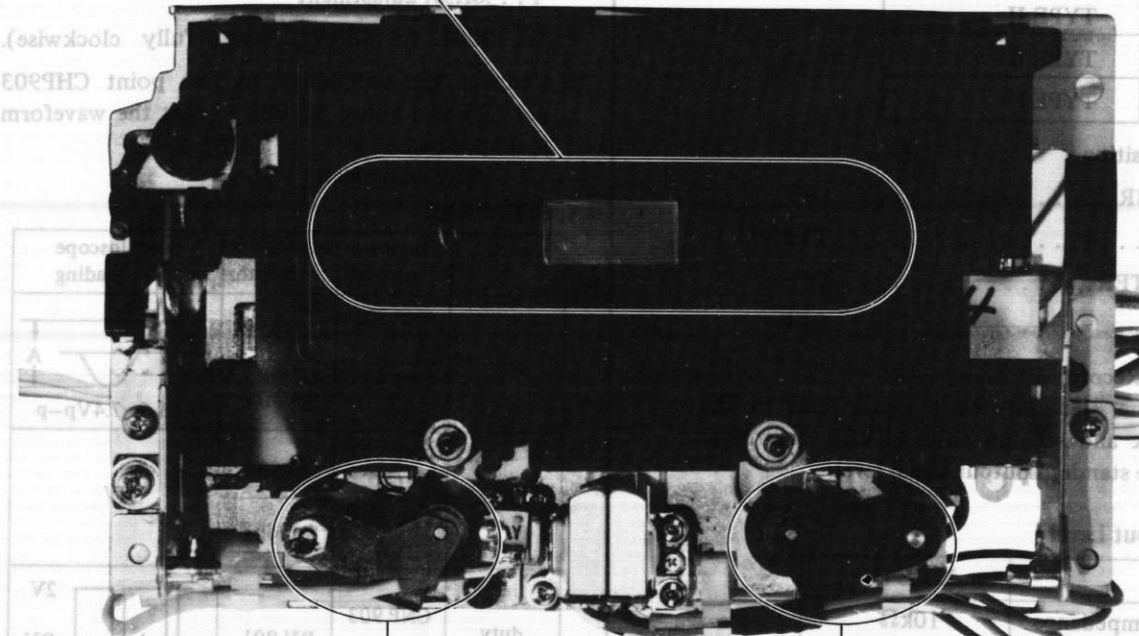


Pinch Roller Clearance Adjustment

1. Confirm that the clearance between the pinch roller and capstan is more than 0.3 mm in pause mode.
2. If it is less than 0.3 mm, bend (A) in the direction of the arrow.



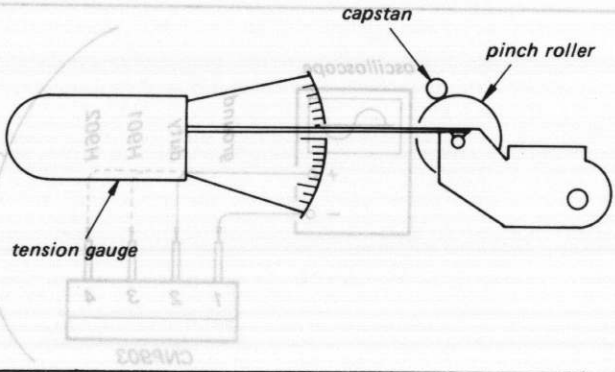
TORQUE	TORQUE METER	SPECIFICATION
FF, REW	CQ201B	60~120g·cm



Pinch Roller Pressure Measurement

1. Confirm that the pinch roller is parallel to the capstan.
2. Set in forward, move the pinch roller away from the capstan, then back toward it, and measure the value at the point where the pinch roller begins to rotate.

T side 270 – 330 g
S side 180 – 280 g



3-2. ELECTRICAL ADJUSTMENTS

- The adjustments in the following sections are to be performed with the mechanism deck in the set.
 - The adjustment should be performed in the order given in this service manual.
 - The adjustments should be performed for both L-CH and R-CH.
- Set the TAPE select switches according to the tape as follows.

tape	TAPE select switch
CS-15	TYPE I
CS-26	TYPE II
CS-30	TYPE III
CS-40	TYPE IV

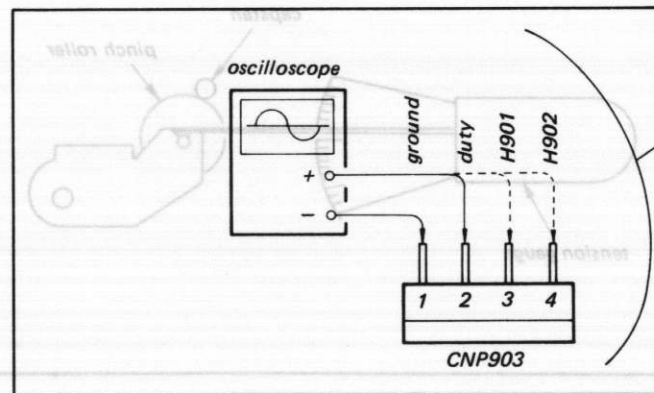
- Switch position
DOLBY NROFF
TAPETYPE 1
MPX FILTEROFF
TIMEROFF
- Standard Record:
Deliver the standard input signal level to the input jack and set the REC LEVEL control to obtain the standard output signal level.

Standard Input Level

	LINE IN
source impedance	10kΩ
input level	0.25V (-10dB)

Standard Output Level

	LINE OUT
load impedance	47kΩ
output level	0.44V (-5dB)



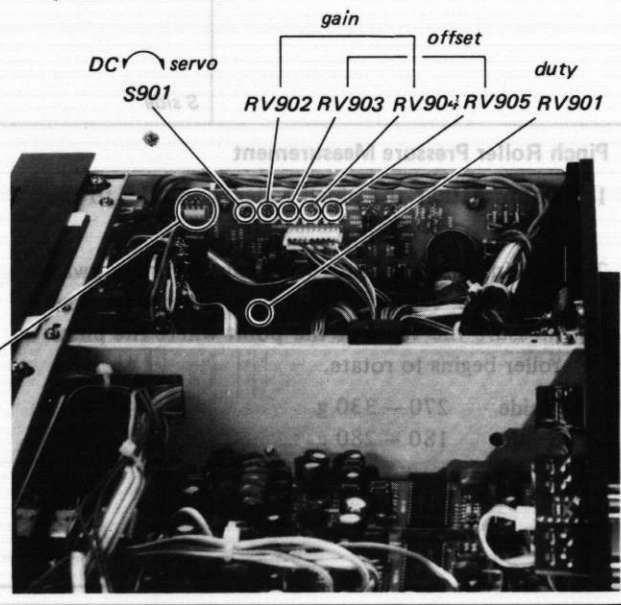
Capstan Motor Adjustment

- Procedure:
- Mode: stop
 - Set S901 to DC side (turn fully counterclockwise).
 - Connect the oscilloscope to test point CNP903 pin ③ (H901) and pin ④ (H902) and adjust RV902 (H901) and RV904 (H902) for the specified voltage values.
 - ... gain adjustment
 - Next adjust RV903 (H901) and RV905 (H902) for the specified voltage values.
 - ... offset adjustment
 - Set S901 to SERVO (turn fully clockwise).
 - Connect the oscilloscope to test point CHP903 pin ② and adjust RV901 so that the waveform is as specified.
 - ... duty adjustment

Specification:

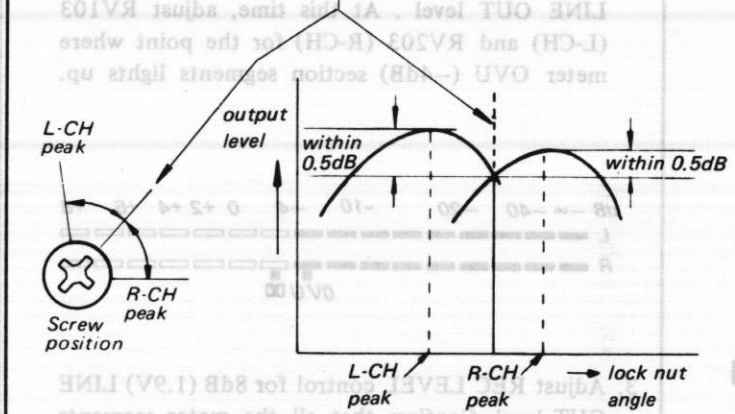
	measure terminal	adjustment resistor	oscilloscope reading
gain	CNP 903 ③	RV902	A=6.6~7.4Vp-p
	CNP 903 ④	RV904	
offset	CNP 903 ③	RV903	OV
	CNP 903 ④	RV 905	
duty	CNP 903 ②	RV 901	A:B = 7:3

Adjustment location



Playback Head Azimuth Adjustment

- Procedure:
- Mode: playback
 - Adjust the lock nut so that L-CH and R-CH output is maximum. When the maximum points of L-CH and R-CH are not the same, adjust to the point where they match within 0.5dB of each channel's maximum output value.

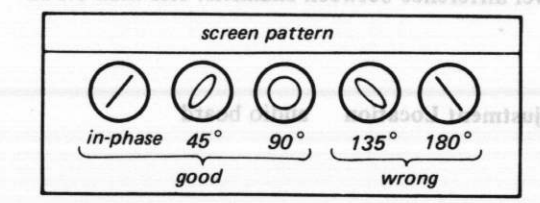


Adjustment Location:



3. Phase Check

- Mode: playback
- Adjust RV101 (L-CH) and RV201 (R-CH) to the point where the level difference between channels is less than 0.5dB.
 - Confirm that L-CH and R-CH phase difference is between in-phase and 90°.

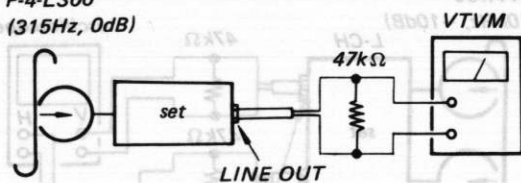


TC-K555ES II**Playback Level Adjustment**

Procedure:

1. Mode: playback

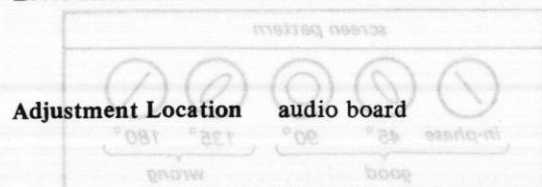
test tape
P-4-L300
(315Hz, 0dB)



2. Adjust RV101 (L-CH) and RV201 (R-CH) to obtain the specified LINE OUT level.

Specification: LINE OUT level: 0.42 – 0.46V
(–5.5 to –4.5dB)

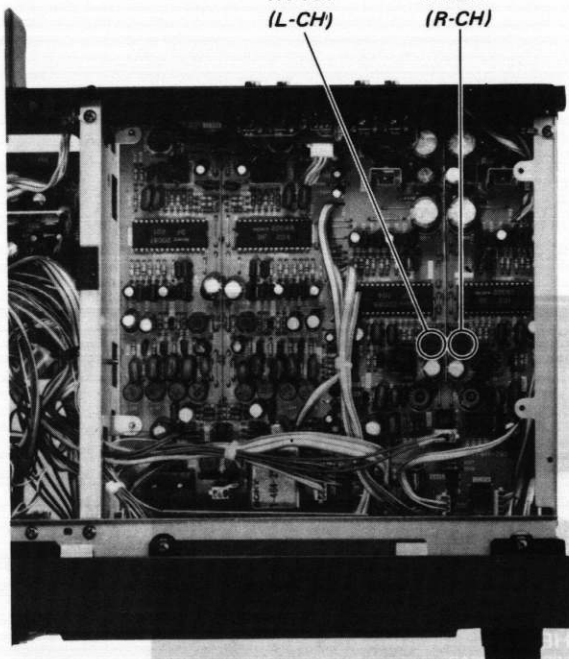
Level difference between channels: less than 0.5dB



Adjustment Location audio board

RV101
(L-CH)

RV201
(R-CH)

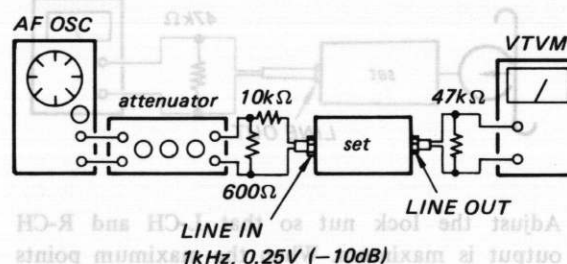
**Meter Level Adjustment**

Setting:

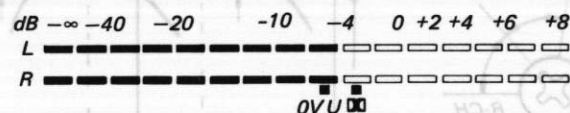
MONITOR switch: SOURCE

Procedure:

1. Mode: record

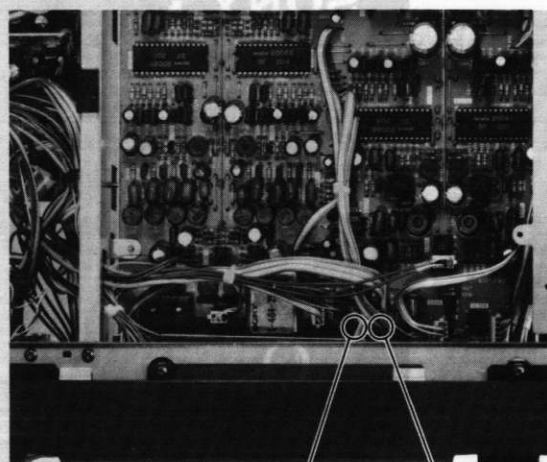


2. Adjust the REC LEVEL control for –5dB (0.44V) LINE OUT level. At this time, adjust RV103 (L-CH) and RV203 (R-CH) for the point where meter OVU (–4dB) section segments lights up.



3. Adjust REC LEVEL control for 8dB (1.9V) LINE OUT level. Confirm that all the meter segments light up at this time.

Adjustment Location: audio board



RV103
(L-CH)

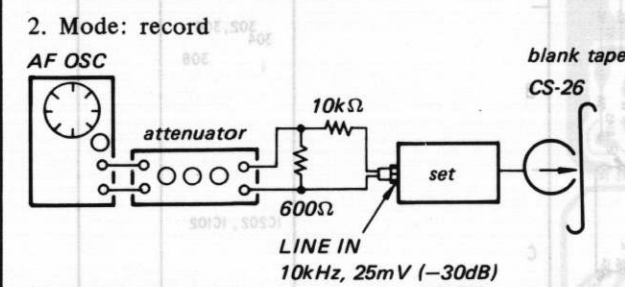
RV203
(R-CH)

Record Head Azimuth Main Adjustment**Setting:**

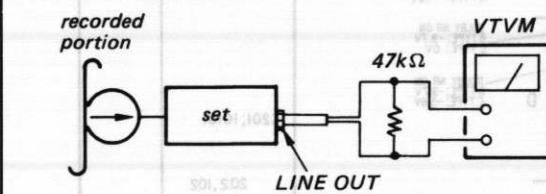
REC LEVEL control: standard record
(See page 18.)

Procedure:

1. Turn CP301 fully clockwise, and $\frac{1}{2}$ – 1 turn counterclockwise.

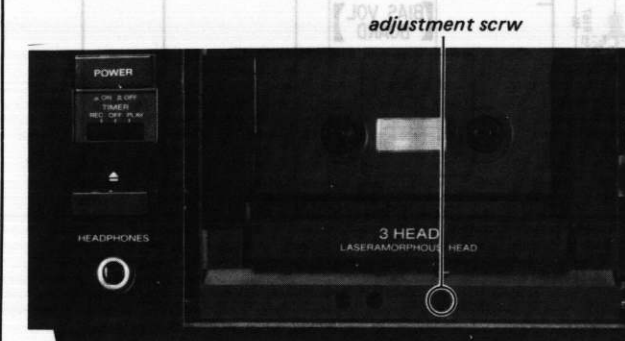
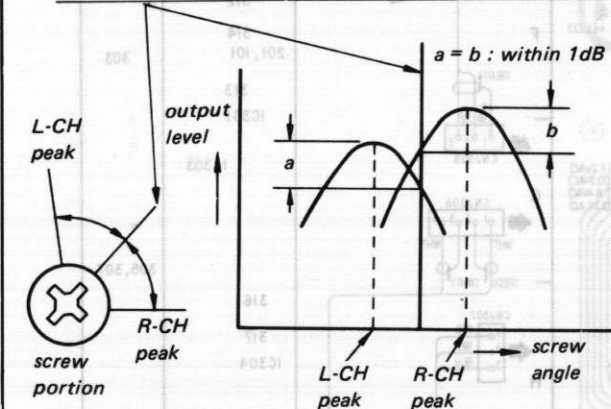


3. Mode: playback



4. Adjust the screw for maximum L-CH, R-CH output.

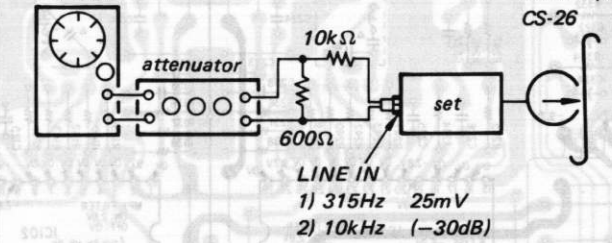
5. When L-CH and R-CH output maximum values are not the same, adjust the screw so that they match, within 1dB level down from the maximum value.

**Record Bias Adjustment****Setting:**

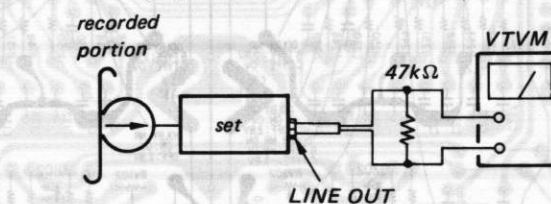
REC LEVEL control: standard record
(See page 18.)

Procedure:

1. Mode: record

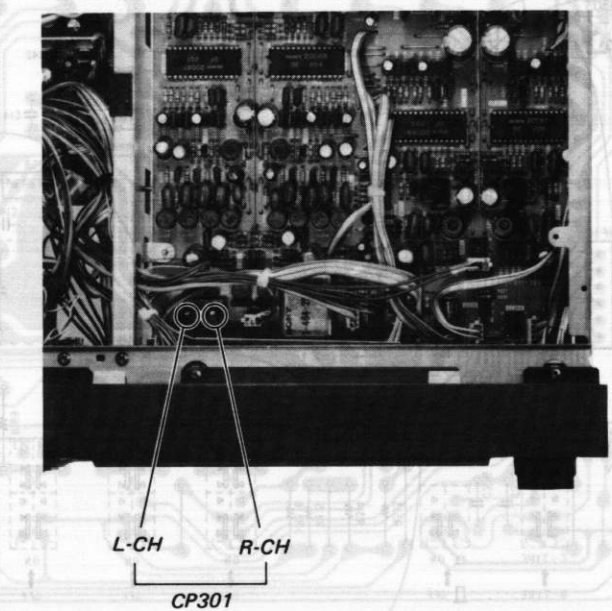


2. Mode: playback



3. Adjust CP301 (L-CH and R-CH) so that the LINE OUT level of 10kHz signal is 0 ± 0.5 dB relative to that of 315Hz.

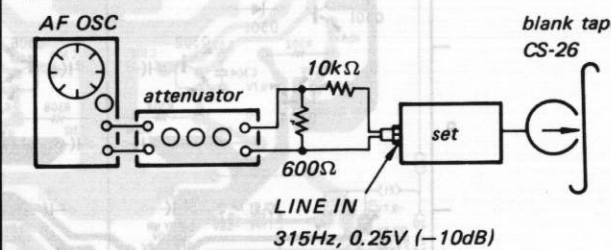
Adjustment Location: audio board

**Record Level Adjustment****Setting:**

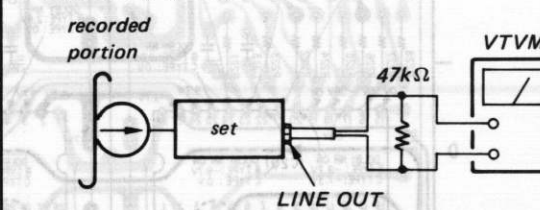
REC LEVEL control: standard record
(See page 18.)

Procedure:

1. Mode: record



2. Mode: playback

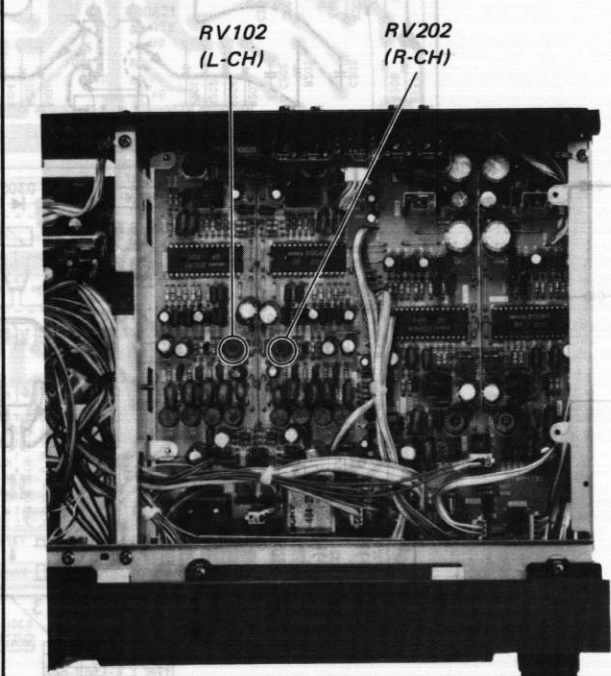


3. Adjust RV102 (L-CH) and RV202 (R-CH) to obtain the specified LINE OUT level.

Specification:

LINE OUT level: 0.42 – 0.46V
(-5.5 to -4.5dB)

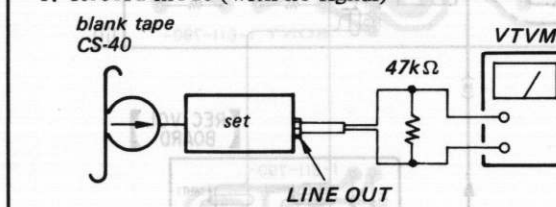
Adjustment Location: audio board

**Bias Trap Adjustment****Setting:**

Tape select switch: TYPE IV
REC LEVEL knob: Standard recording position (See page 18).

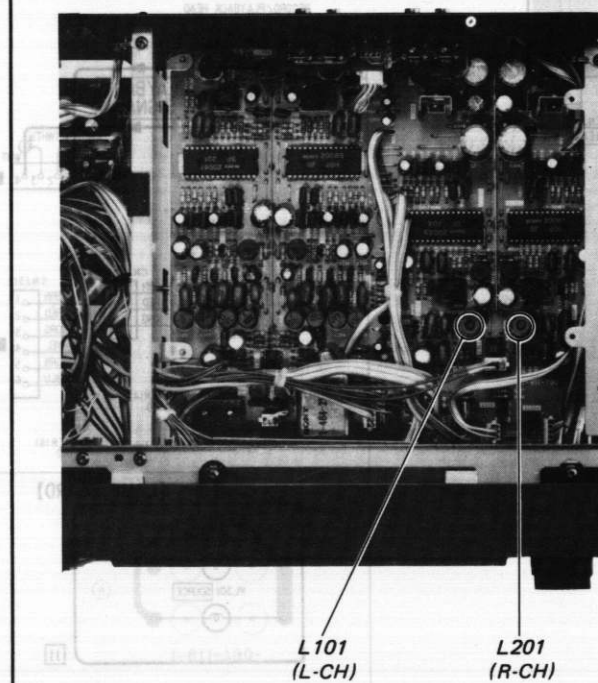
Procedure:

1. Record mode (with no signal)



2. Set the monitor switch to TAPE.
Adjust L101(L-CH) and L201(R-CH) so that VTVM reads minimum. The specification should be less than 4.4mV (-45dB).
3. Set the monitor switch to SOURCE.
Make sure that VTVM reads less than 0.44mV (-65dB).

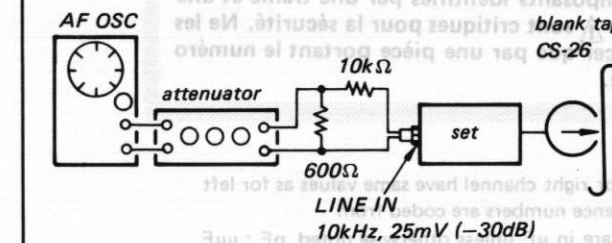
Adjustment location: audio board

**Record Head Azimuth Temporary Adjustment****Setting:**

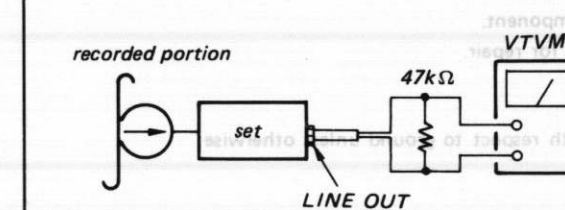
REC LEVEL control: standard record
(See page 18.)

Procedure:

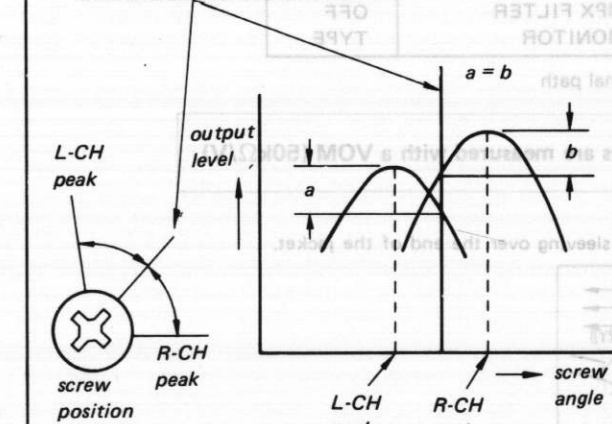
1. Mode: record



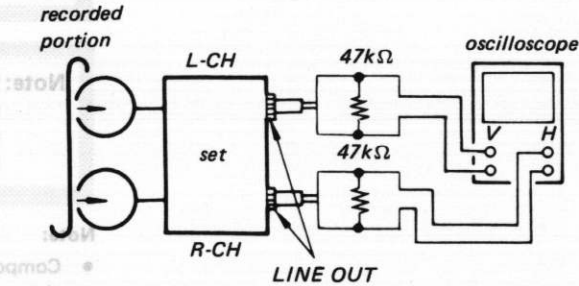
2. Mode: playback



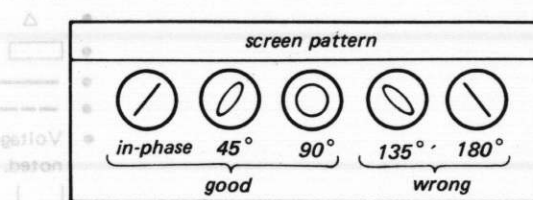
3. Adjust the screw for maximum L-CH, R-CH output.
4. When the maximum points of L-CH and R-CH output are not the same, adjust the screw so that they match, and so that the level down amount is the same for both channels.

**5. Phase Check**

Mode: playback



6. Confirm that L-CH and R-CH phase difference is between in-phase and 90°.



7. Repeat record bias adjustment. (See page 21)

Adjustment Location:



SECTION 4
DIAGRAMS

4-1 MOUNTING DIAGRAM -Audio Section-

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

Note: Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Note:

- Components for right channel have same values as for left channel. Reference numbers are coded from
- 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 ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. $\text{k}\Omega$: 1000 Ω , $\text{M}\Omega$: 1000 $\text{k}\Omega$
-  : internal component.
-  : adjustment for repair.
-  : B+ bus.
-  : B- bus.
- Voltages are dc with respect to ground unless otherwise noted.
- [] : REC
- AC voltage readings in the bias oscillator with a VTVM.
- Switch

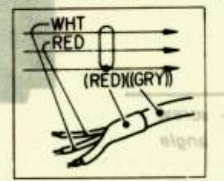
Ref. No.	Switch	Position
S301-1	TYPE I/NORMAL	ON
S301-2	TYPE II/CrO ₂	OFF
S301-3	TYPE III/Fe-Cr	OFF
S301-4	TYPE IV/METAL	OFF
S301-5	DOLBY NR-ON/OFF	OFF
S301-6	DOLBY NR-	B-TYPE
S301-7	B-TYPE/C-TYPE	OFF
S301-8	MPX FILTER	OFF
S301-9	MONITOR	TYPE

 : Signal path

Note: Voltages are measured with a VOM (50k Ω /V).

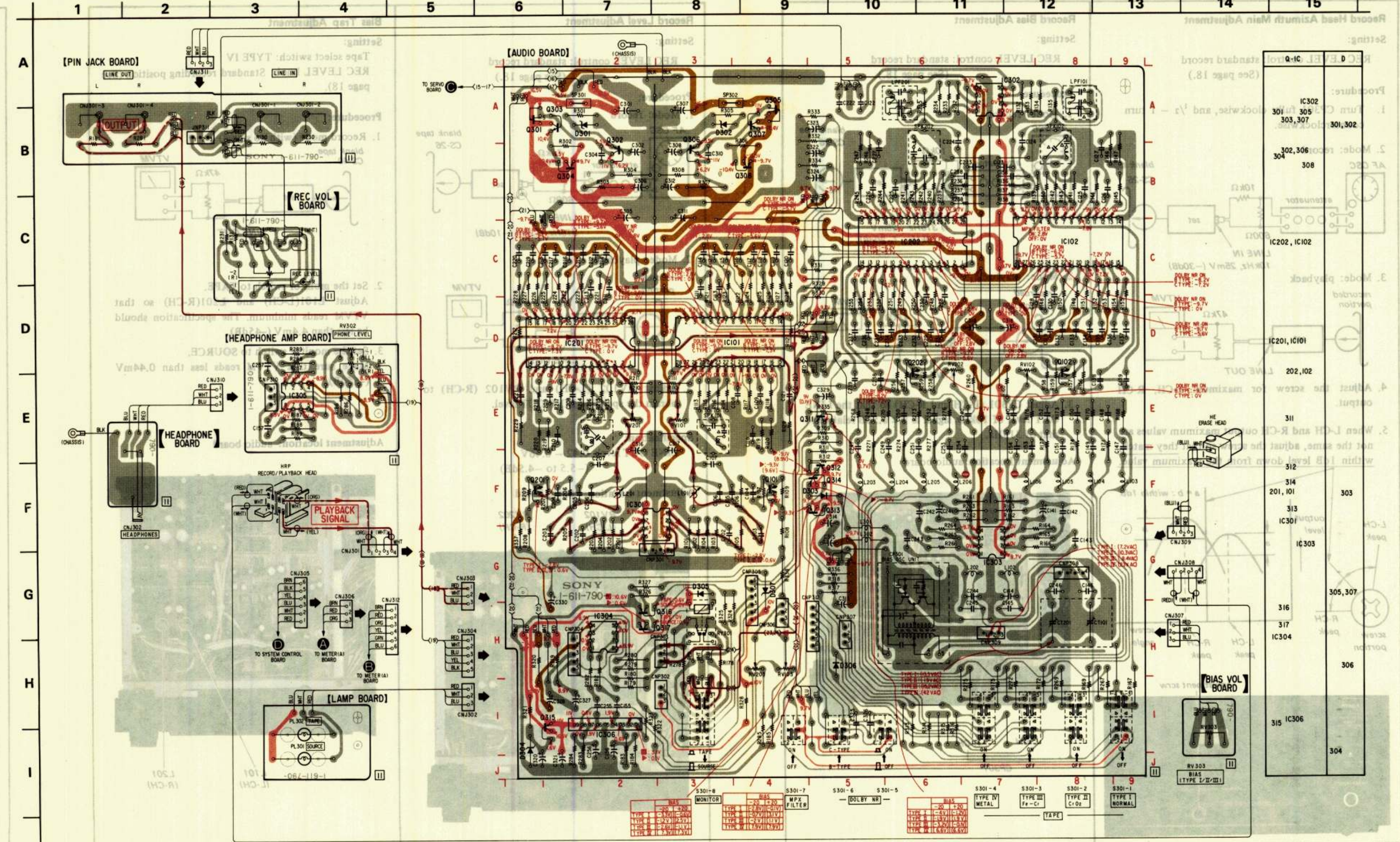
Note:

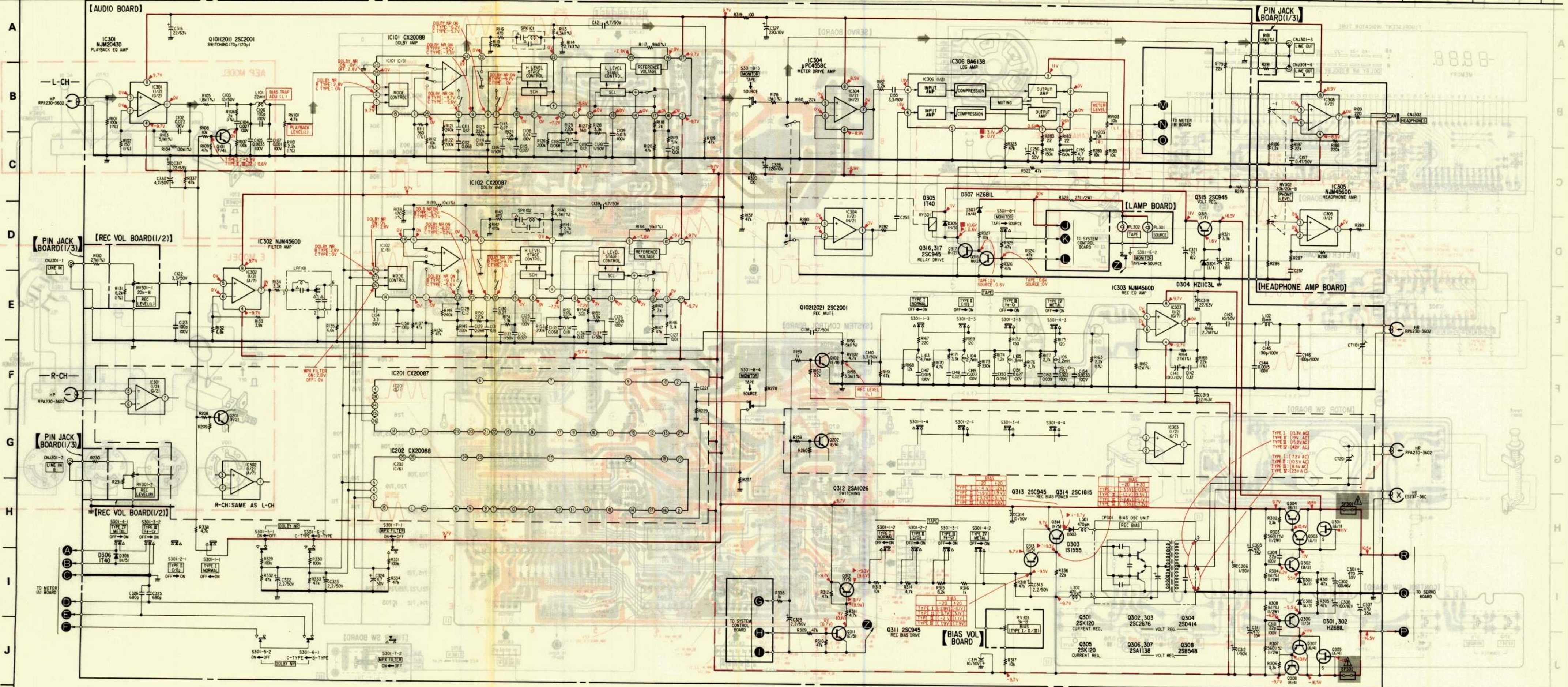
- Color code of sleeving over the end of the jacket.

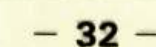


-  : parts extracted from the component side.
-  : B+ pattern
-  : B- pattern
-  : signal path
-  : L-CH signal path
-  : R-CH signal path

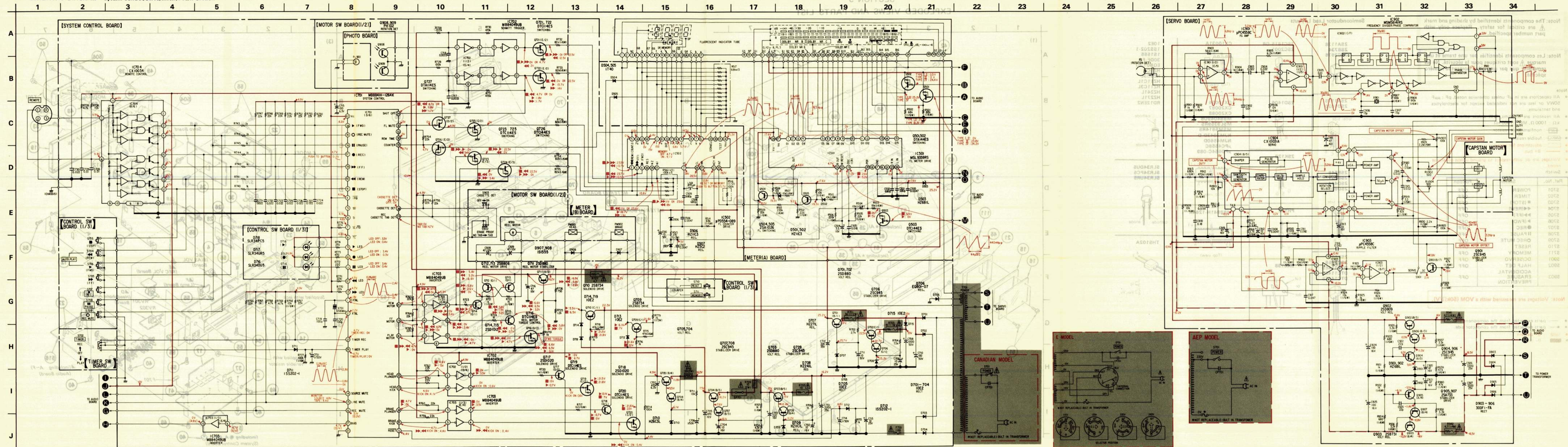
• See page 39 for Semi conductor lead layout.







4-4 SCHEMATIC DIAGRAM —System Control/Servo/Meter/Power Section—



SECTION 5
EXPLODED VIEWS AND PARTS LIST

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

Note: Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

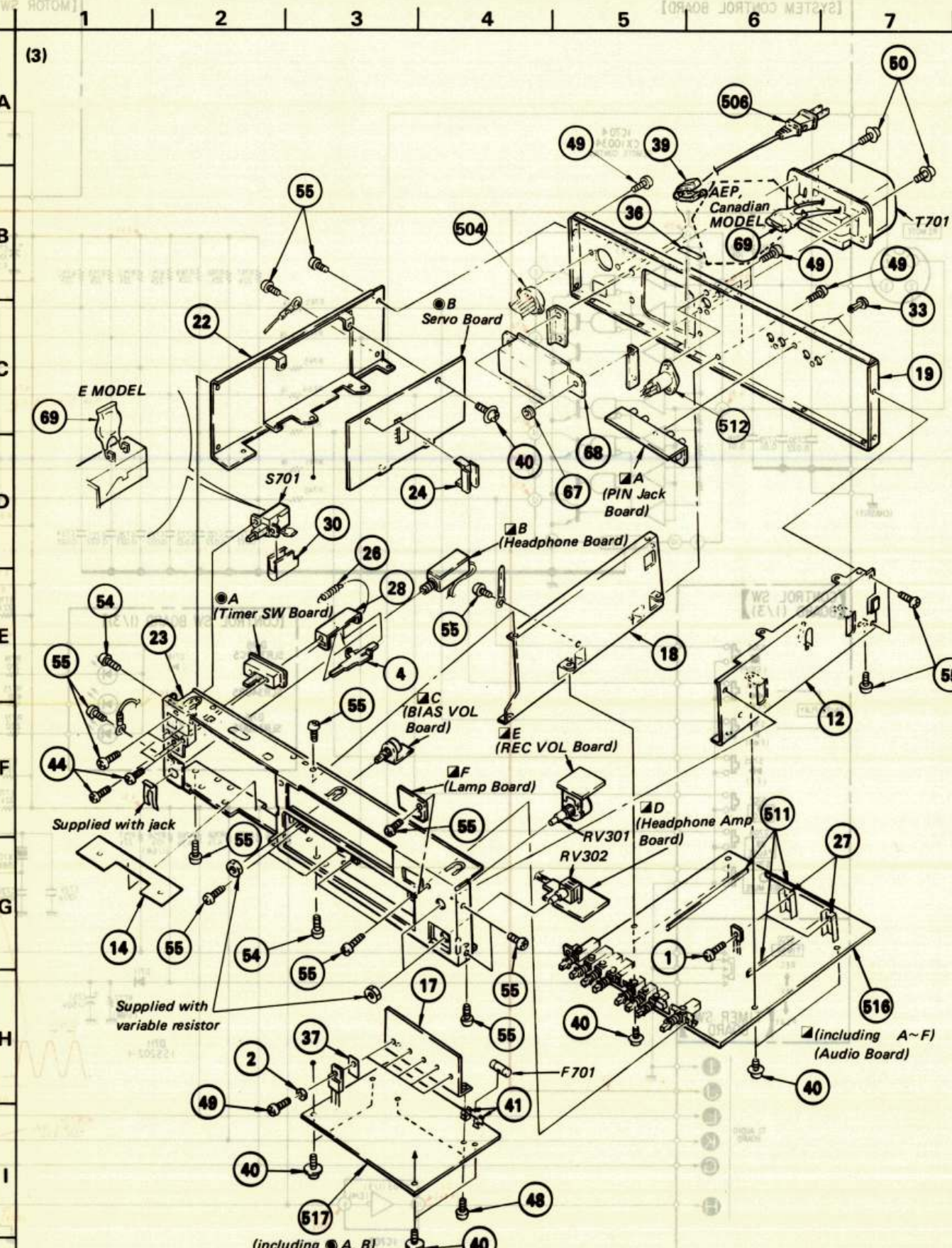
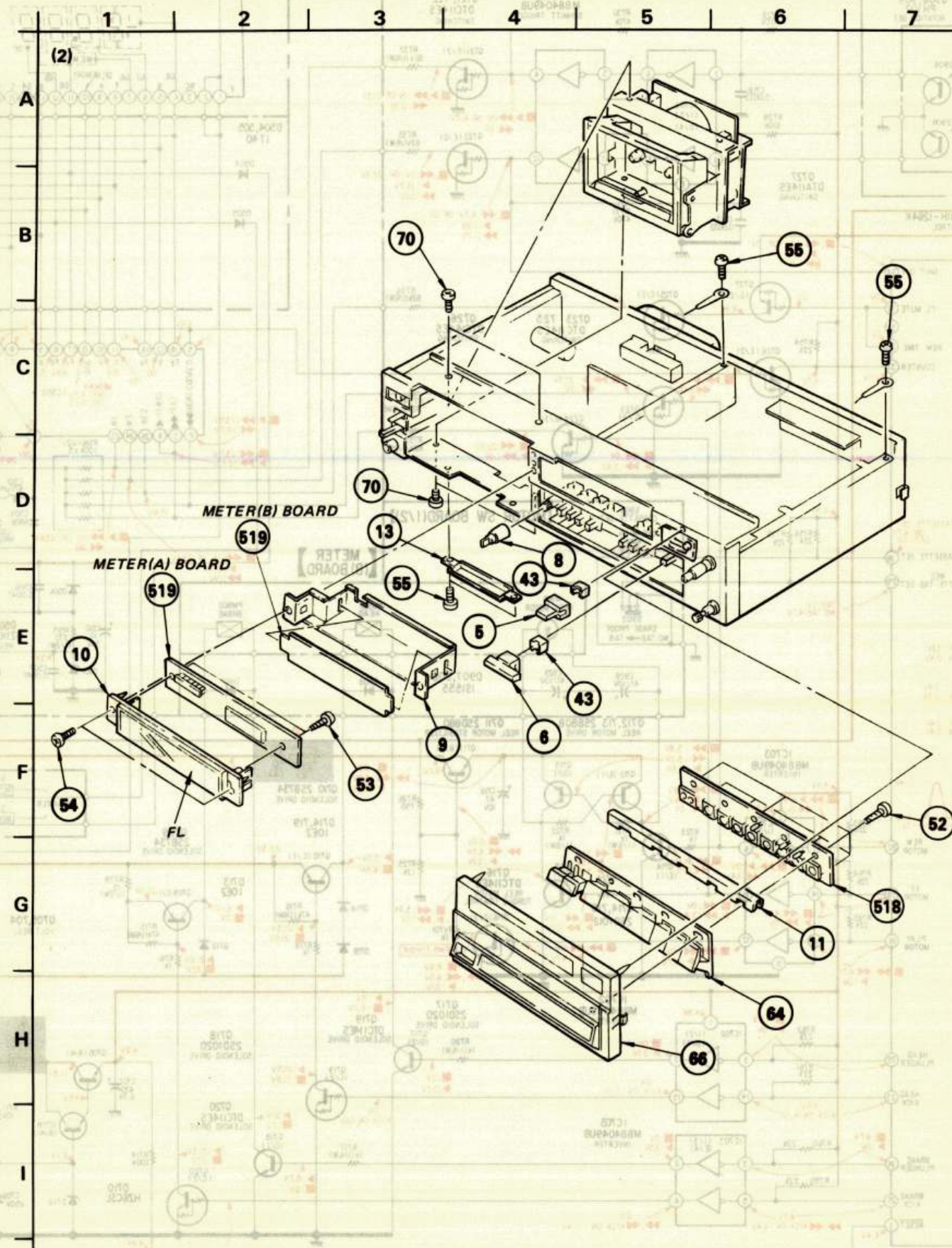
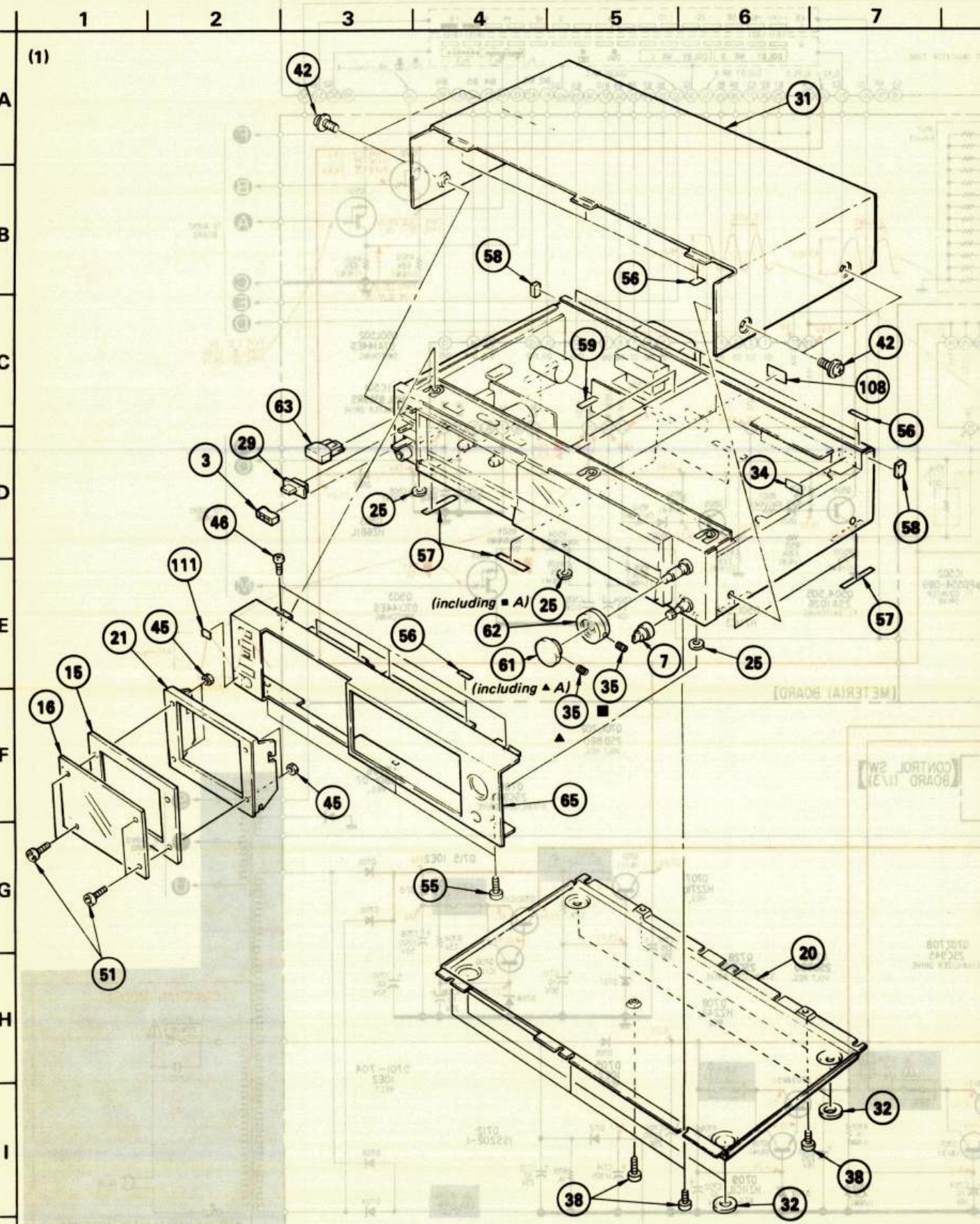
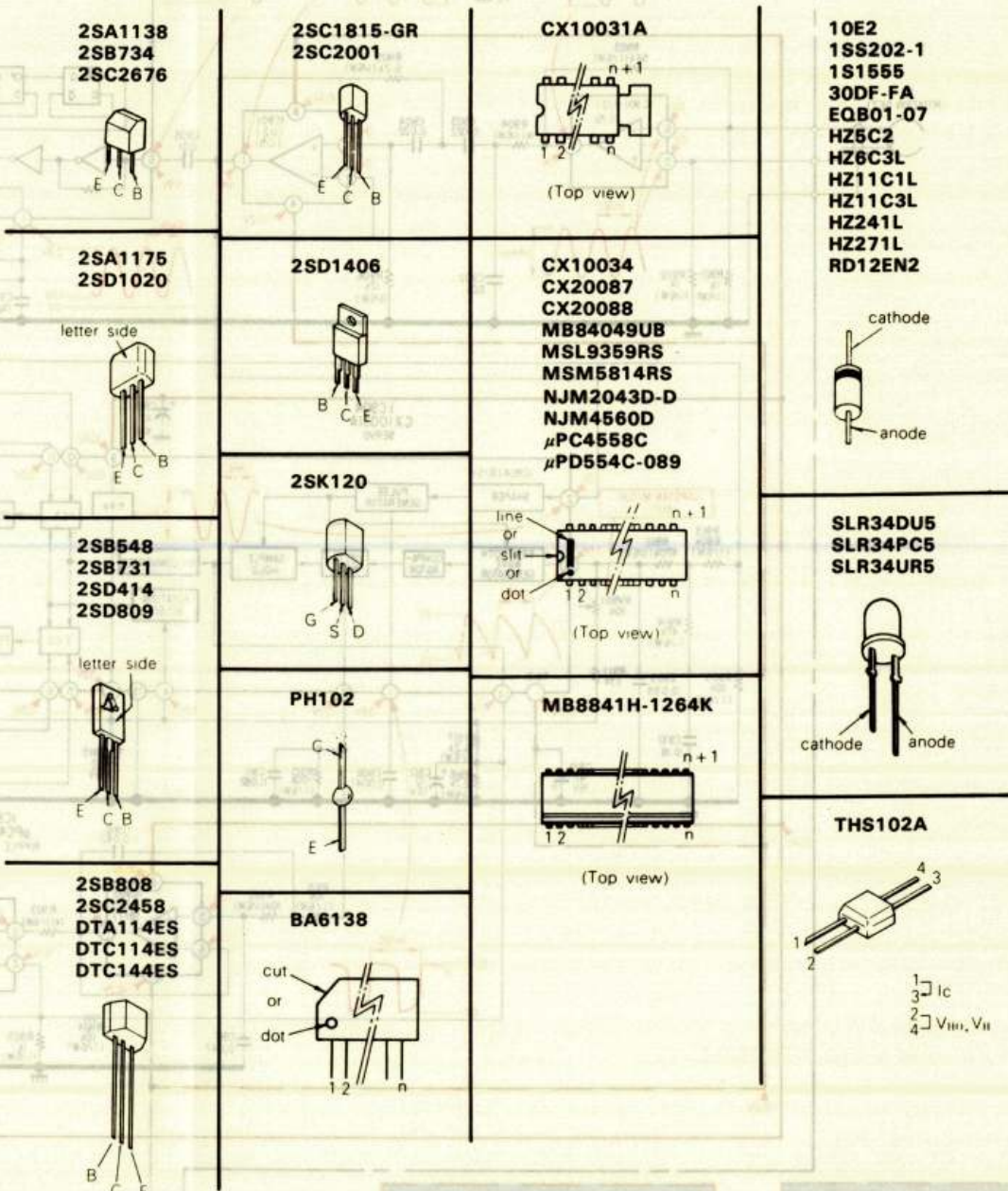
- Note
- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted. $\text{k}\Omega$: 1000 Ω , $\text{M}\Omega$: 1000 $\text{k}\Omega$.
 -  : nonflammable resistor.
 -  : fusible resistor.
 -  : adjustment for repair.
 -  : B+ bus.
 - Voltages are dc with respect to ground unless otherwise noted.
 - Switch

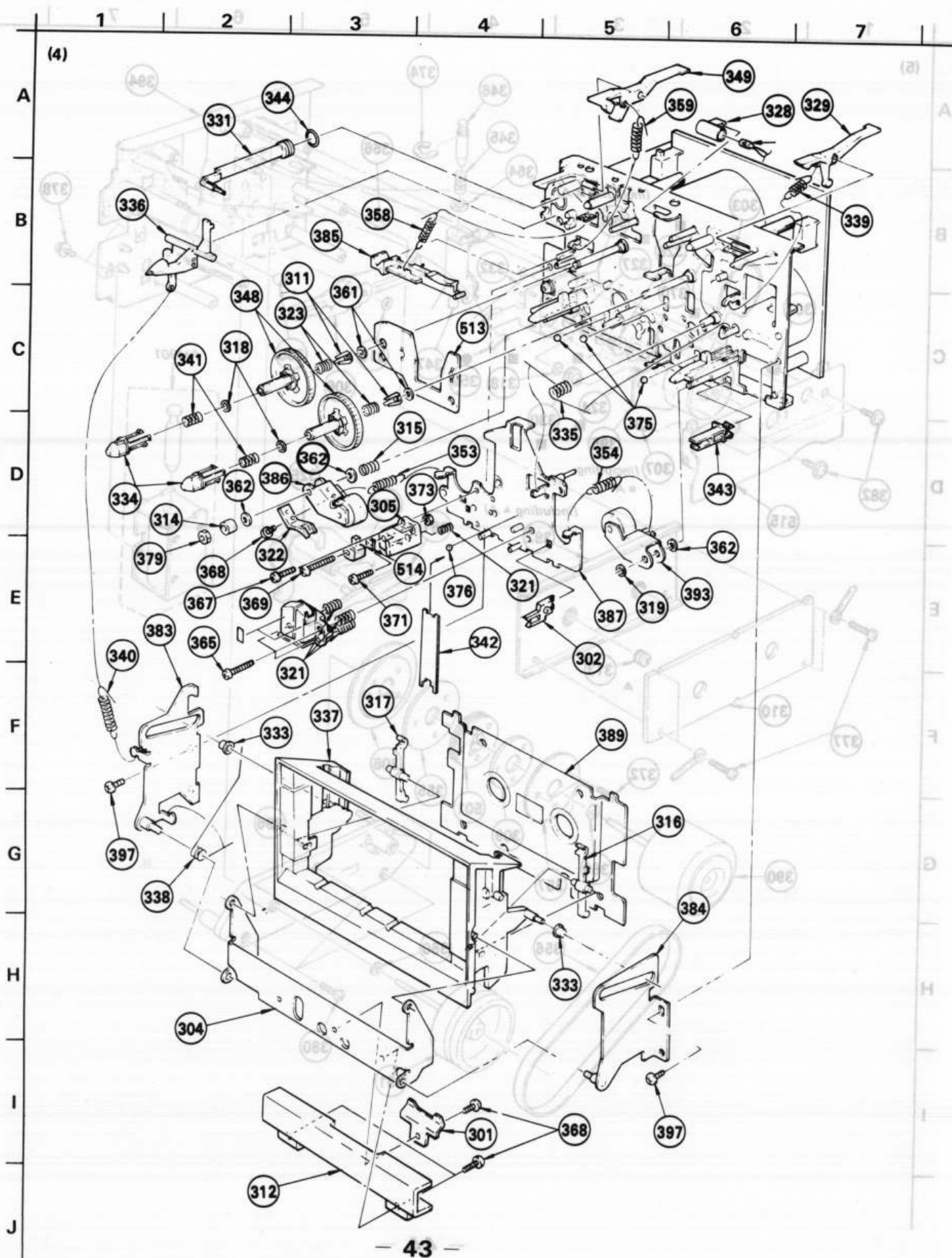
Ref. No.	Switch	Position
S701	POWER	OFF
S702	TIMER	OFF
S703	■ (STOP)	OFF
S704	◀ (REW)	OFF
S705	▶ (FF)	OFF
S706	▶ (FWD)	OFF
S707	● REC	OFF
S708	II PAUSE	OFF
S709	● REC MUTE	OFF
S710	RESET	OFF
S711	MEMORY	OFF
S901	DC/SERVO	OFF
S902	HALF DET	OFF
S903	ACCIDENTAL ERASURE PREVENTION	OFF

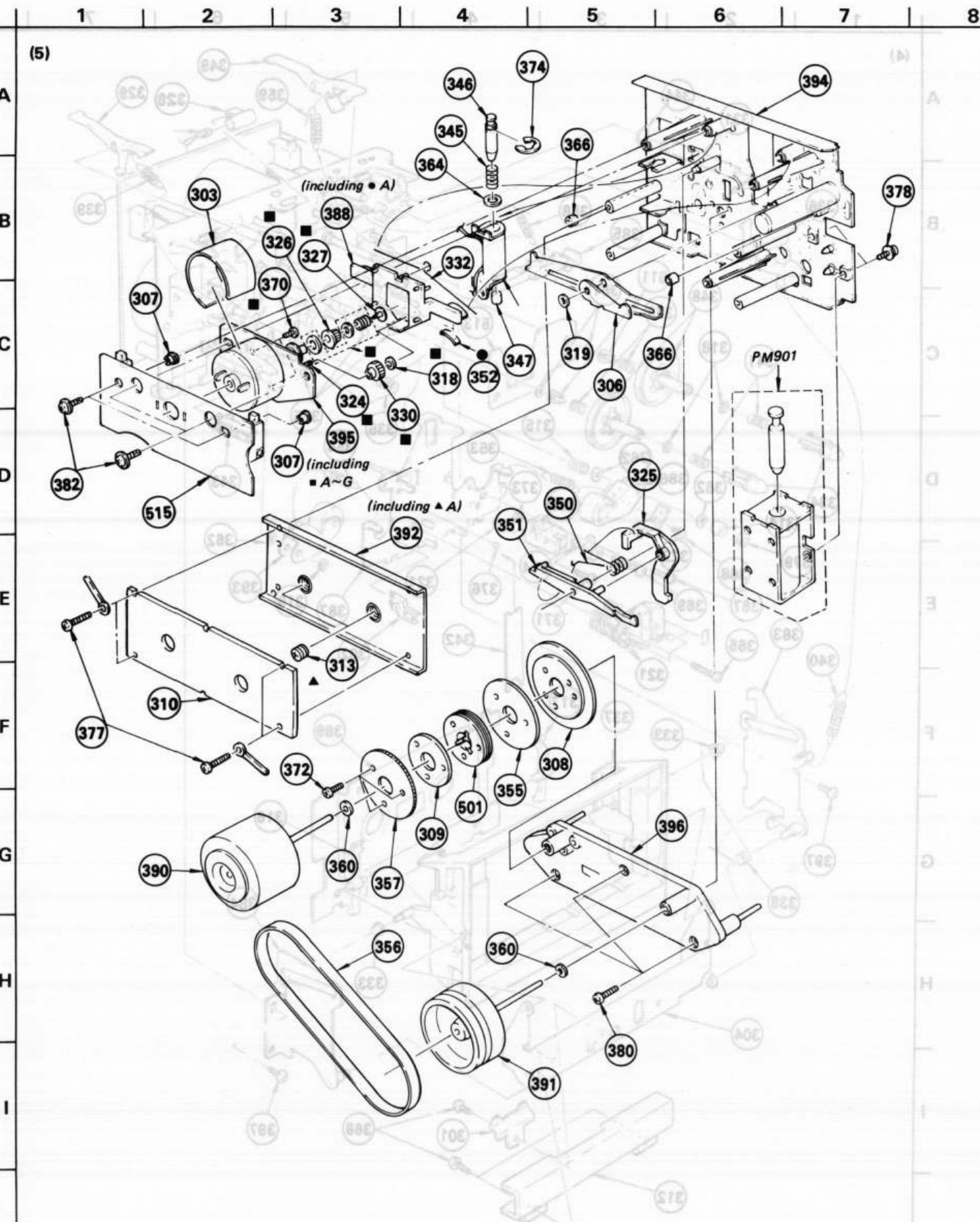
Note: Voltages are measured with a VOM (50k Ω /V).

-  : parts extracted from the component side.
-  : parts extracted from the conductor side.
-  : B+ pattern
-  : B- pattern

Semiconductor Lead Layouts







GENERAL SECTION				GENERAL SECTION			
No.	Part No.	Description		No.	Part No.	Description	
1	2-259-121-00	SCREW, TR		43	4-864-307-00	RING	
2	2-371-561-00	BUSHING (P), INSULATING		44	7-621-775-10	SCREW +B 2.6X4	
3	3-304-419-31	BUTTON, EJECT		45	7-622-207-05	N 2.6, TYPE 2	
4	*3-304-911-00	SLIDER, EJECT		46	7-682-247-09	SCREW +K 3X6	
5	3-304-926-11	KNOB (A), PUSH		47			
6	3-304-927-11	KNOB (B), PUSH		48	7-682-546-09	SCREW +B 3X5	
7	3-304-929-11	KNOB, HEADPHONE		49	7-682-547-09	SCREW +B 3X6	
8	3-304-930-11	KNOB, BIAS		50	7-682-949-09	SCREW +PSW 3X10	
9	*3-304-935-00	CASE, SHIELD		51	7-683-412-05	BOLT, HEXAGON SOCKET 2.6X6	
10	*3-304-938-00	HOLDER, FL TUBE		52	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	
11	*3-304-939-00	BRACKET, CONTROL BUTTON		53	7-685-146-14	SCREW +P 3X8 TYPE2 SLIT	
12	*3-304-944-00	PLATE, SIDE, RIGHT		54	7-685-752-04	SCREW +BVT 3X8 (S)	
13	3-304-962-00	COVER, MD		55	7-685-871-01	SCREW +BVT 3X6 (S)	
14	*3-304-975-00	SHEET, ORNAMENTAL		56	9-911-837-XX	CUSHION (A), FILTER	
15	3-304-985-01	PLATE, ORNAMENTAL, WINDOW		57	9-911-838-XX	CUSHION, STOPPER	
16	3-304-986-01	WINDOW, CASSETTE		58	9-911-841-XX	CUSHION	
17	*3-304-987-01	HEAT SINK		59	9-911-843-XX	CUSHION, FLYWHEEL	
18	*3-304-988-01	PLATE, RERAY		60			
19	*3-304-989-11	(Canadian,AEP)...PLATE, JACK		61	X-3304-909-0	KNOB (RIGHT) ASSY, REC	
19	*3-304-989-21	(E).....PLATE, JACK		62	X-3304-910-0	KNOB (LEFT) ASSY, REC	
20	*3-304-990-01	PLATE, BOTTOM		63	X-3304-911-0	KNOB ASSY, POWER	
21	3-304-992-01	LID, CASSETTE		64	X-3304-916-0	BUTTON ASSY, CONTROL	
22	*3-304-993-01	PLATE, SIDE, LEFT		65	X-3304-918-1	PANEL ASSY, FRONT	
23	*3-304-994-01	CHASSIS, AMPLIFIER		66	X-3304-919-1	ESCUTCHEON SUB ASSY	
24	*3-310-859-00	HEAT SINK, IC		67	3-306-006-01	CUSHION, MOTOR	
25	3-311-623-11	SPACER		68	3-318-608-01	COVER, INSULATION	
26	3-534-238-XX	SPRING, TENSION		69	4-875-455-01	(AEP)....COVER CAPACITOR	
27	*3-567-242-00	HEAT SINK		69	4-875-455-21	(E).....COVER CAPACITOR	
28	*3-575-502-00	BRACKET, EJECT		70	7-685-870-09	SCREW +BVT 3X5 (S)	
29	3-575-515-41	KNOB, SLIDE SWITCH					
30	3-575-524-00	COVER, POWER SWITCH					
31	3-575-539-41	CASE					
32	3-576-731-00	FELT (H)					
33	3-646-090-11	RIVET, NYLON					
34							
35	3-701-506-01	SET SCREW, DOUBLE POINT 3X4					
36	*3-701-946-22	(Canadian)...LABEL, FUSE					
36	*3-701-948-16	(AEP,E).....LABEL, FUSE					
37	3-703-037-00	INSULATOR, TO-220					
38	3-703-108-21	SCREW +BV 3X6, S TIGHT					
39	3-703-244-00	BUSHING, CORD					
40	3-703-249-01	SCREW, S TIGHT, +PTWH 3X6					
41	4-807-341-00	HOLDER, FUSE					
42	4-820-330-31	SCREW, BW, PLUS MINUS					

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.
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:
All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μpF .

COILS
MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ , for example:
UA : μA , UPA : μPA ,
UPC : μPC ,
UPD : μPD

ACCESSORY & PACKING MATERIAL					MECHANISM SECTION				
No.	Part No.	Description	Ref. No.	QTY	No.	Part No.	Description	Ref. No.	QTY
101	1-551-734-11	CORD, CONNECTION (RK-74A)	101	1	301	3-304-639-00	PLATE, SHIELD, HEAD	301	1
102	3-304-956-00	SHEET, PROTECTION	102	1	302	*3-304-963-00	RETAINER, LEAD	302	1
103	3-304-973-00	SHEET, PROTECTION	103	1	303	3-306-209-00	PLATE (D), SHIELD, MOTOR	303	1
104	3-304-996-01	CUSHION (LEFT), LOWER	104	1	304	3-306-215-00	LEVER, FULCRUM, HOLDER	304	1
105	3-304-997-01	CUSHION (RIGHT), LOWER	105	1	305	*3-306-216-00	BRACKET, HEAD, ERASE	305	1
106	3-304-998-01	CUSHION (LEFT), UPPER	106	1	306	*3-306-260-00	LEVER, FWD	306	1
107	3-304-999-01	CUSHION (RIGHT), UPPER	107	1	307	3-306-277-00	LIFTER, PC BOARD	307	1
108	*3-318-601-01	(AEP).....LABEL, MODEL NUMBER	108	1	308	*3-310-831-01	PLATE, SHIELD, MOTOR	308	1
108	*3-318-602-01	(Canadian).....LABEL, MODEL NUMBER	108	1	309	3-310-865-00	WASHER, INSULATING	309	1
108	*3-318-603-01	(E).....LABEL, MODEL NUMBER	108	1	310	*3-318-403-01	REINFORCEMENT	310	1
109	3-318-607-01	(Canadian,AEP)....INDIVIDUAL CARTON	109	1	311	3-318-405-01	RETAINER, SPRING	311	1
109	3-318-608-01	(E).....INDIVIDUAL CARTON	109	1	312	3-318-406-01	PLATE, ORNAMENTAL, HEAD	312	1
110	3-701-630-00	BAG, POLYETHYLENE	110	1	313	3-489-073-21	SCREW, THRUST	313	1
111	3-703-710-41	STICKER, SONY SYMBOL (12)	111	1	314	3-491-191-00	COLLAR	314	1
112	3-773-737-11	(Canadian,AEP,E)...MANUAL, INSTRUCTION	112	1	315	3-537-213-00	SPRING, COMPRESSION	315	1
113	3-773-737-41	(AEP).....MANUAL, INSTRUCTION	113	1	316	3-555-113-00	SPRING (RIGHT)	316	1
114	3-793-481-13	INSTRUCTION	114	1	317	3-555-114-00	SPRING (LEFT)	317	1
115	3-793-828-11	QUESTIONNAIRE	115	1	318	3-558-708-11	WASHER, STOPPER	318	1
116	8-890-454-10	(Canadian)....TAPE	116	1	319	3-558-708-21	WASHER, STOPPER	319	1
117	X-3701-105-0	ROD ASSY, CLEANING, HEAD	117	1	320	3-564-027-11	FELT, LIMITER	320	1
					321	3-564-121-00	SPRING, COMPRESSION	321	1
					322	3-564-138-00	GUIDE (S), TAPE	322	1
					323	3-571-850-11	SPRING, COMPRESSION	323	1
					324	3-575-304-00	SHAFT, GEAR, FR	324	1
					325	3-575-318-00	LEVER, LOCK, TUNING	325	1
					326	3-575-324-00	GEAR, LIMITER	326	1
					327	3-575-327-00	STOPPER	327	1
					328	3-575-328-00	HOLDER, LAMP	328	1
					329	3-575-331-00	LEVER, DETECTION, HALF	329	1
					330	3-575-332-00	GEAR, FR	330	1
					331	3-575-333-00	PISTON	331	1
					332	3-575-345-00	SPRING	332	1
					333	3-575-348-00	ROLLER, GUIDE, THREADING	333	1
					334	3-575-350-00	CLAW, REEL TABLE	334	1
					335	3-575-351-00	SPRING	335	1
					336	3-575-354-00	LEVER, LOCK	336	1
					337	3-575-355-31	HOLDER, CASSETTE	337	1
					338	3-575-356-00	SPRING	338	1
					339	3-575-358-00	SPRING, TENSION	339	1
					340	3-575-364-00	SPRING, TENSION	340	1
					341	3-575-365-00	SPRING, COMPRESSION	341	1
					342	*3-575-377-00	SPRING	342	1
					343	*3-575-378-00	GUIDE, LEAD	343	1
					344	3-575-392-00	RING, PISTON	344	1
					345	3-575-414-00	SPRING, COMPRESSION	345	1

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
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MMH : mH, UH : μH

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In each case, U : μ , for example:
UA.... : μA ..., UPA.... : μPA ...,
UPC.... : μPC ...,
UPD.... : μPD ...

MECHANISM SECTION					MECHANISM SECTION				
No.	Part No.	Description	Ref. No.	QTY	No.	Part No.	Description	Ref. No.	QTY
346	3-575-415-11	ARBOR, MOVABLE	346	1	391	X-3575-378-1	FLYWHEEL (SUPPLY) ASSY	391	1
347	3-575-416-11	ARBOR, FIXED	347	1	392	X-3575-379-1	RETAINER ASSY, THRUST	392	1
348	3-575-447-00	TABLE, REEL	348	1	393	X-3575-380-1	PINCH LEVER (T) ASSY	393	1
349	3-575-449-00	LEVER, DETECTION, REC	349	1	394	*X-3575-381-1	CHASSIS ASSY, MECHANICAL	394	1
350	3-575-458-00	SPRING	350	1	395	X-3575-382-1	MOTOR ASSY, REEL	395	1
351	3-575-460-00	LEVER, SELECT TUNE	351	1	396	X-3575-383-1	BASE ASSY, CAPSTAN	396	1
352	3-575-469-00	SHOE, BRAKE	352	1	397	7-685-861-01	SCREW +BVTT 2.6X5	397	1
353	3-575-481-00	SPRING, TENSION	353	1					
354	3-575-482-00	SPRING, TENSION	354	1					
355	*3-576-810-00	PLATE, RETURN CIRCUIT	355	1					
356	3-576-812-00	BELT, CAPSTAN	356	1					
357	3-576-961-11	PLATE, FG	357	1					
358	3-632-261-00	SPRING	358	1					
359	3-650-542-00	SPRING, TENSION	359	1					
360	3-701-438-21	WASHER	360	1					
361	3-701-439-11	WASHER	361	1					
362	3-701-439-21	WASHER	362	1					
363	3-701-441-11	WASHER	363	1					
364	3-701-444-11	WASHER, 6	364	1					
365	3-701-467-00	SCREW, LOCK	365	1					
366	4-855-109-12	RUBBER, LIFTER CUSHION	366	1					
367	7-621-771-06	SCREW +B 2X5	367	1					
368	7-621-772-10	SCREW +B 2X4	368	1					
369	7-621-772-88	SCREW +B 2X16	369	1					
370	7-621-775-10	SCREW +B 2.6X4	370	1					
371	7-621-775-20	SCREW +B 2.6X5	371	1					
372	7-621-775-60	SCREW +B 2.6X12	372	1					
373	7-622-205-05	N 2, TYPE 2	373	1					
374	7-624-109-04	STOP RING 5.0, TYPE -E	374	1					
375	7-671-112-11	BALL, STEEL	375	1					
376	7-671-113-11	BALL, STEEL	376	1					
377	7-682-648-01	SCREW +PS*3X8	377	1					
378	7-682-949-01	SCREW +PSW 3X10	378	1					
379	7-684-023-04	N 3, TYPE 2	379	1					
380	7-685-791-04	SCREW +BVTT 2.6X5 (S)	380	1					
381	7-685-862-01	SCREW +BVTT 2.6X6 (S)	381	1					
382	7-687-246-21	SCREW, TOTSU PTPWH 3X8, TYPE2	382	1					
383	*X-3575-301-0	PLATE (A) ASSY, HOLDER FULCRUM	383	1					
384	*X-3575-302-0	PLATE (B) ASSY, FULCRUM	384	1					
385	X-3575-310-0	LEVER ASSY, TENSION, BACK	385	1					
386	X-3575-321-0	PINCH LEVER (S) ASSY	386	1					
387	X-3575-323-0	CHASSIS ASSY, HEAD	387	1					
388	*X-3575-342-0	PLATE ASSY, BRAKE	388	1					
389	X-3575-355-0	PLATE ASSY, ORNAMENTAL	389	1					
390	X-3575-377-1	FLYWHEEL (TAKE-UP) ASSY	390	1					

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ELECTRICAL PARTS					
Ref.No.	Part No.	Description			
501	1-459-426-00	COIL			
502	1-535-506-00	(E).....CONNECTOR PRESS TERMINAL			
503	*1-508-819-00	17MM BASE POST			
504	*1-508-878-00	BASE POST			
505	*1-535-116-00	TERMINAL			
506	Δ.1-551-472-00	(E2).....CORD, POWER			
506	Δ.1-555-734-00	(E1).....CORD, POWER			
506	Δ.1-555-795-00	(AEP).....CORD, POWER			
506	Δ.1-556-874-00	(Canadian).....CORD, POWER			
507	*1-560-061-00	PIN, CONNECTOR 3P			
508	*1-560-062-00	PIN, CONNECTOR 4P			
509	*1-560-063-00	PIN, CONNECTOR 5P			
510	*1-560-064-00	PIN, CONNECTOR 6P			
511	*1-560-242-51	BUS BAR 7P			
512	1-561-598-00	SOCKET 4P			
513	*1-603-823-00	PC BOARD, PHOTO			
514	*1-608-268-00	PC BOARD, ERASE HEAD			
515	*1-611-789-11	PC BOARD, SWITCH			
516	*A-2010-222-A	PC BOARD ASSY, AUDIO			
517	*A-2019-165-A	PC BOARD ASSY, SYSTEM CONTROL			
518	*1-611-792-11	PC BOARD, CONTROL SW			
519	*1-611-793-11	PC BOARD, METER			
C102	1-130-973-00	FILM	0.022MF	3%	100V
C103	1-124-326-11	ELECT	10MF	20%	50V
C104	1-130-893-00	FILM	0.027MF	3%	100V
C105	1-130-285-00	FILM	0.0033MF	5%	100V
C106	1-107-300-00	MICA	100PF	5%	100V
C107	1-130-273-00	FILM	0.001MF	5%	100V
C108	1-130-955-00	FILM	0.01MF	3%	100V
C109	1-130-892-00	FILM	0.015MF	3%	100V
C110	1-130-620-00	FILM	0.01MF	5%	50V
C111	1-130-633-00	FILM	0.12MF	5%	50V
C112	1-130-630-00	FILM	0.068MF	5%	50V
C113	1-130-637-00	FILM	0.27MF	5%	50V
C114	1-130-635-00	FILM	0.18MF	5%	50V
C115	1-130-625-00	FILM	0.027MF	5%	50V
C116	1-124-182-00	ELECT	1MF	20%	50V
C117	1-130-635-00	FILM	0.18MF	5%	50V
C118	1-130-630-00	FILM	0.068MF	5%	50V
C119	1-130-633-00	FILM	0.12MF	5%	50V
C120	1-124-182-00	ELECT	1MF	20%	50V
C121	1-124-324-00	ELECT	4.7MF	20%	50V
C122	1-124-323-00	ELECT	3.3MF	20%	50V
C123	1-107-300-00	MICA	100PF	5%	100V
C124	1-124-323-00	ELECT	3.3MF	20%	50V
C125	1-130-955-00	FILM	0.01MF	3%	100V

ELECTRICAL PARTS					
Ref.No.	Part No.	Description			
C126	1-130-892-00	FILM	0.015MF	3%	100V
C127	1-130-620-00	FILM	0.01MF	5%	50V
C128	1-130-633-00	FILM	0.12MF	5%	50V
C129	1-130-630-00	FILM	0.068MF	5%	50V
C130	1-130-637-00	FILM	0.27MF	5%	50V
C131	1-130-635-00	FILM	0.18MF	5%	50V
C132	1-130-625-00	FILM	0.027MF	5%	50V
C133	1-124-182-00	ELECT	1MF	20%	50V
C134	1-130-635-00	FILM	0.18MF	5%	50V
C135	1-130-630-00	FILM	0.068MF	5%	50V
C136	1-130-633-00	FILM	0.12MF	5%	50V
C137	1-124-182-00	ELECT	1MF	20%	50V
C138	1-124-324-00	ELECT	4.7MF	20%	50V
C139	1-124-324-00	ELECT	4.7MF	20%	50V
C140	1-124-323-00	ELECT	3.3MF	20%	50V
C141	1-123-307-00	ELECT	100MF	20%	10V
C142	1-130-633-00	FILM	0.12MF	5%	50V
C143	1-124-326-11	ELECT	10MF	20%	50V
C144	1-130-277-00	FILM	0.0015MF	5%	100V
C145	1-107-303-00	MICA	130PF	5%	100V
C146	1-107-300-00	MICA	100PF	5%	100V
C147	1-130-301-00	FILM	0.015MF	5%	100V
C148	1-130-625-00	FILM	0.027MF	5%	50V
C149	1-130-305-00	FILM	0.022MF	5%	100V
C150	1-130-629-00	FILM	0.056MF	5%	50V
C151	1-130-307-00	FILM	0.027MF	5%	100V
C152	1-130-627-00	FILM	0.039MF	5%	50V
C153	1-130-305-00	FILM	0.022MF	5%	100V
C154	1-130-285-00	FILM	0.0033MF	5%	100V
C155	1-124-184-00	ELECT	3.3MF	20%	50V
C156	1-123-369-00	ELECT	4.7MF	20%	50V
C157	1-124-270-11	ELECT	0.47MF	20%	50V
C158	1-162-037-00	CERAMIC	100PF	5%	50V
C202	1-130-973-00	FILM	0.022MF	3%	100V
C203	1-124-326-11	ELECT	10MF	20%	50V
C204	1-130-893-00	FILM	0.027MF	3%	100V
C205	1-130-285-00	FILM	0.0033MF	5%	100V
C206	1-107-300-00	MICA	100PF	5%	100V
C207	1-130-273-00	FILM	0.001MF	5%	100V
C208	1-130-955-00	FILM	0.01MF	3%	100V
C209	1-130-892-00	FILM	0.015MF	3%	100V
C210	1-130-620-00	FILM	0.01MF	5%	50V
C211	1-130-633-00	FILM	0.12MF	5%	50V
C212	1-130-630-00	FILM	0.068MF	5%	50V
C213	1-130-637-00	FILM	0.27MF	5%	50V

ELECTRICAL PARTS					
Ref.No.	Part No.	Description			
C214	1-130-635-00	FILM	0.18MF	5%	50V
C215	1-130-625-00	FILM	0.027MF	5%	50V
C216	1-124-182-00	ELECT	1MF	20%	50V
C217	1-130-635-00	FILM	0.18MF	5%	50V
C218	1-130-630-00	FILM	0.068MF	5%	50V
C219	1-130-633-00	FILM	0.12MF	5%	50V
C220	1-124-182-00	ELECT	1MF	20%	50V
C221	1-124-324-00	ELECT	4.7MF	20%	50V
C222	1-124-323-00	ELECT	3.3MF	20%	50V
C223	1-107-300-00	MICA	100PF	5%	100V
C224	1-124-323-00	ELECT	3.3MF	20%	50V
C225	1-130-955-00	FILM	0.01MF	3%	100V
C226	1-130-892-00	FILM	0.015MF	3%	100V
C227	1-130-620-00	FILM	0.01MF	5%	50V
C228	1-130-633-00	FILM	0.12MF	5%	50V
C229	1-130-630-00	FILM	0.068MF	5%	50V
C230	1-130-637-00	FILM	0.27MF	5%	50V
C231	1-130-635-00	FILM	0.18MF	5%	50V
C232	1-130-625-00	FILM	0.027MF	5%	50V
C233	1-124-182-00	ELECT	1MF	20%	50V
C234	1-130-635-00	FILM	0.18MF	5%	50V
C235	1-130-630-00	FILM	0.068MF	5%	50V
C236	1-130-633-00	FILM	0.12MF	5%	50V
C237	1-124-182-00	ELECT	1MF	20%	50V
C238	1-124-324-00	ELECT	4.7MF	20%	50V
C239	1-124-324-00	ELECT	4.7MF	20%	50V
C240	1-124-323-00	ELECT	3.3MF	20%	50V
C241	1-123-307-00	ELECT	100MF	20%	10V
C242	1-130-633-00	FILM	0.12MF	5%	50V
C243	1-124-326-11	ELECT	10MF	20%	50V
C244	1-130-277-00	FILM	0.0015MF	5%	100V
C245	1-107-303-00	MICA	130PF	5%	100V
C246	1-107-300-00	MICA	100PF	5%	100V
C247	1-130-301-00	FILM	0.015MF	5%	100V
C248	1-130-625-00	FILM	0.027MF	5%	50V
C249	1-130-305-00	FILM	0.022MF	5%	100V
C250	1-130-629-00	FILM	0.056MF	5%	50V
C251	1-130-307-00	FILM	0.027MF	5%	100V
C252	1-130-627-00	FILM	0.039MF	5%	50V
C253	1-130-305-00	FILM	0.022MF	5%	100V
C254	1-130-285-00	FILM	0.0033MF	5%	100V
C255	1-124-184-00	ELECT	3.3MF	20%	50V
C256	1-123-369-00	ELECT	4.7MF	20%	50V
C257	1-124-270-11	ELECT	0.47MF	20%	50V
C258	1-162-037-00	CERAMIC	100PF	5%	50V

ELECTRICAL PARTS					
Ref.No.	Part No.	Description			
C301	1-123-706-00	ELECT	470MF	20%	35V
C302	1-123-333-00	ELECT	100MF	20%	16V
C304	1-107-284-00	MICA	22PF	5%	100V
C305	1-123-706-00	ELECT	470MF	20%	35V
C306	1-131-450-00	TANTALUM	1MF	20%	50V
C307	1-123-706-00	ELECT	470MF	20%	35V
C308	1-123-333-00	ELECT	100MF	20%	16V
C310	1-107-284-00	MICA	22PF	5%	100V
C311	1-123-706-00	ELECT	470MF	20%	35V
C312	1-131-450-00	TANTALUM	1MF	20%	50V
C313	1-123-381-00	ELECT	2.2MF	20%	50V
C314	1-123-356-00	ELECT	10MF	20%	50V
C315	1-123-356-00	ELECT	10MF	20%	50V
C316	1-123-371-00	ELECT	22MF	20%	63V
C317	1-123-371-00	ELECT	22MF	20%	63V
C318	1-123-371-00	ELECT	22MF	20%	63V
C319	1-123-371-00	ELECT	22MF	20%	63V
C320	1-123-330-00	ELECT	22MF	20%	16V
C321	1-123-330-00	ELECT	22MF	20%	16V
C322	1-123-381-00	ELECT	2.2MF	20%	50V
C323	1-123-381-00	ELECT	2.2MF	20%	50V
C324	1-123-369-00	ELECT	4.7MF	20%	50V
C325	1-162-108-00	CERAMIC	680PF	10%	50V
C326	1-162-108-00	CERAMIC	680PF	10%	50V
C327	1-123-308-00	ELECT	220MF	20%	10V
C328	1-123-308-00	ELECT	220MF	20%	10V
C329	1-123-381-00	ELECT	2.2MF	20%	50V
C330	1-123-369-00	ELECT	4.7MF	20%	50V
C501	1-162-108-00	CERAMIC	680PF	10%	50V
C502	1-162-108-00	CERAMIC	680PF	10%	50V
C503	1-130-623-00	FILM	0.018MF	5%	50V
C504	1-131-501-00	TANTALUM	3.3MF	20%	10V
C505	1-162-112-00	CERAMIC	4700PF	30%	25V
C506	1-162-112-00	CERAMIC	4700PF	30%	25V
C507	1-162-112-00	CERAMIC	4700PF	30%	25V
C508	1-162-108-00	CERAMIC	680PF	10%	50V
C509	1-162-108-00	CERAMIC	680PF	10%	50V
C510	1-123-356-00	ELECT	10MF	20%	50V
C701	1-123-338-00	ELECT	220MF	20%	25V
C702	1-123-356-00	ELECT	10MF	20%	16V
C703	1-123-321-00	ELECT	220MF	20%	16V
C704	1-123-356-00	ELECT	10MF	20%	16V
C705	1-123-310-00	ELECT	470MF	20%	10V
C706	1-123-380-00	ELECT	1MF	20%	50V
C707	1-123-298-00	ELECT	470MF	20%	6.3V

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

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

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que

TC-K555ES II**ELECTRICAL PARTS**

Ref.No.	Part No.	Description			
C708	1-123-364-00	ELECT	1000MF	20%	50V
C709	1-123-356-00	ELECT	10MF	20%	25V
C710	1-123-360-00	ELECT	100MF	20%	50V
C711	1-123-356-00	ELECT	10MF	20%	50V
C712	1-123-346-00	ELECT	220MF	20%	35V
C713	1-123-356-00	ELECT	10MF	20%	25V
C714	1-123-380-00	ELECT	1MF	20%	50V
C715	1-123-307-00	ELECT	100MF	20%	6.3V
C716	1-123-306-00	ELECT	47MF	20%	10V
C717	1-161-327-00	CERAMIC	0.0033MF	30%	50V
C718	1-161-327-00	CERAMIC	0.0033MF	30%	50V
C719	1-161-271-00	CERAMIC	100PF	5%	50V
C720	1-161-271-00	CERAMIC	100PF	5%	50V
C721	1-161-494-00	CERAMIC	0.022MF	30%	25V
C722	1-161-494-00	CERAMIC	0.022MF	30%	25V
C723	1-161-494-00	CERAMIC	0.022MF	30%	25V
C724	1-161-494-00	CERAMIC	0.022MF	30%	25V
C725	1-161-494-00	CERAMIC	0.022MF	30%	25V
C726	1-161-494-00	CERAMIC	0.022MF	30%	25V
C727	1-161-494-00	CERAMIC	0.022MF	30%	25V
C728	1-161-330-00	CERAMIC	0.01MF	30%	25V
C729	1-161-330-00	CERAMIC	0.01MF	30%	25V
C730	1-161-494-00	CERAMIC	0.022MF	30%	25V
C731	1-123-380-00	ELECT	1MF	20%	50V
C902	1-130-620-00	FILM	0.01MF	5%	50V
C903	1-130-624-00	FILM	0.022MF	5%	50V
C904	1-130-624-00	FILM	0.022MF	5%	50V
C905	1-130-620-00	FILM	0.01MF	5%	50V
C906	1-102-851-00	CERAMIC	15PF	5%	50V
C907	1-102-851-00	CERAMIC	15PF	5%	50V
C908	1-161-328-00	CERAMIC	0.0047MF	30%	50V
C909	1-130-140-00	FILM	0.039MF	5%	100V
C910	1-130-635-00	FILM	0.18MF	5%	50V
C911	1-130-631-00	FILM	0.082MF	5%	50V
C912	1-123-356-00	ELECT	10MF	20%	16V
C913	1-123-356-00	ELECT	10MF	20%	16V
C914	1-101-005-00	CERAMIC	0.022MF		50V
C915	1-101-005-00	CERAMIC	0.022MF		50V
C916	1-130-631-00	FILM	0.082MF	5%	50V
C917	1-130-628-00	FILM	0.047MF	5%	50V
C918	1-123-332-00	ELECT	47MF	20%	16V
C919	1-123-332-00	ELECT	47MF	20%	16V
C920	1-123-332-00	ELECT	47MF	20%	16V
C921	1-123-332-00	ELECT	47MF	20%	16V
C922	1-162-052-00	CERAMIC	22PF	5%	50V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C923	1-162-052-00	CERAMIC	22PF	5%	50V
C924	1-123-333-00	ELECT	100MF	20%	16V
C925	1-123-333-00	ELECT	100MF	20%	16V
C926	1-124-554-00	ELECT	3300MF	20%	25V
C927	1-124-554-00	ELECT	3300MF	20%	25V
C928	1-123-306-00	ELECT	47MF	20%	10V
C929	1-123-306-00	ELECT	47MF	20%	10V
CNJ301	1-507-531-31	PLATE, PIN-JACK			
CNJ302	1-507-796-21	JACK			
CNP701	1-560-060-00	PIN, CONNECTOR 2P			
CNP702	1-560-061-00	PIN, CONNECTOR 3P			
CNP704	1-560-062-00	PIN, CONNECTOR 4P			
CNP705	1-560-062-00	PIN, CONNECTOR 4P			
CNP706	1-560-063-00	PIN, CONNECTOR 5P			
CNP707	1-560-064-00	PIN, CONNECTOR 6P			
CNP709	1-560-065-00	PIN, CONNECTOR 8P			
CNP710	1-560-065-00	PIN, CONNECTOR 8P			
CNP901	1-560-061-00	PIN, CONNECTOR 3P			
CNP902	1-560-339-00	PIN, CONNECTOR 9P			
CNP903	1-508-879-00	BASE POST			
CP701	1-161-744-00	CAP, CERAMIC 10000PF FZ			
CP301	1-464-252-00	OSCILLATION UNIT, BIAS			
CT101	1-141-225-00	CAP, TUNING, TRIMAR			
CT201	1-141-225-00	CAP, TUNING, TRIMAR			
D301	8-719-910-64	DIODE HZ6B1L			
D302	8-719-910-64	DIODE HZ6B1L			
D303	8-719-107-94	DIODE 1SS202-1			
D304	8-719-910-19	DIODE HZ11C3L			
D305	8-719-107-94	DIODE 1SS202-1			
D306	8-719-107-94	DIODE 1SS202-1			
D307	8-719-910-64	DIODE HZ6B1L			
D501	8-719-102-97	DIODE RD12E-N2			
D502	8-719-102-97	DIODE RD12E-N2			
D503	8-719-910-64	DIODE HZ6B1L			
D504	8-719-911-19	DIODE 1SS202-1			
D505	8-719-911-19	DIODE 1SS202-1			
D506	8-719-102-97	DIODE RD12E-N2			
D507	8-719-994-54	DIODE HZ5C2			
D701	8-719-200-02	DIODE 10E-2			
D702	8-719-200-02	DIODE 10E-2			
D703	8-719-200-02	DIODE 10E-2			
D704	8-719-200-02	DIODE 10E-2			
D705	8-719-200-02	DIODE 10E-2			
D706	8-719-931-07	DIODE EQ801-07			
D707	8-719-922-71	DIODE HZ27-1L			

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.
- 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:

- All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
- MF: μF , PF: μpF .

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.

Les composants identifiés par une trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description
D708	8-719-910-41	DIODE HZ24-1L
D709	8-719-910-17	DIODE HZ11C1L
D710	8-719-910-69	DIODE HZ6C3L
D711	8-719-107-94	DIODE 1SS202-1
D712	8-719-107-94	DIODE 1SS202-1
D713	8-719-200-02	DIODE 10E-2
D714	8-719-200-02	DIODE 10E-2
D715	8-719-200-02	DIODE 10E-2
D716	8-719-902-25	DIODE SLR-34DU5
D717	8-719-902-33	DIODE SLR-34UR5
D718	8-719-902-77	DIODE SLR-34PC5
D719	8-719-200-02	DIODE 10E-2
D901	8-719-910-64	DIODE HZ6B1L
D902	8-719-910-64	DIODE HZ6B1L
D903	8-719-230-11	DIODE 30DF1-FA
D904	8-719-230-11	DIODE 30DF1-FA
D905	8-719-230-11	DIODE 30DF1-FA
D906	8-719-230-11	DIODE 30DF1-FA
D907	8-719-815-55	DIODE 1S1555
D908	8-719-815-55	DIODE 1S1555
F701	1-532-555-00	(Canadian)...FUSE, GLASS TUBE
F701	1-532-259-00	(AEP,E)...FUSE, GLASS TUBE
FL	1-519-247-00	INDICATOR TUBE, FLUORESCENT
HE	8-825-535-30	HEAD, ERASE (ES237-36C)
HRP	8-825-500-30	HEAD, REC/PB RPA230-3602
IC101	8-752-008-80	IC CX20088
IC102	8-752-008-70	IC CX20087
IC201	8-752-008-70	IC CX20087
IC202	8-752-008-80	IC CX20088
IC301	8-759-700-04	IC NJM2043D-D
IC302	8-759-745-60	IC NJM4560D
IC303	8-759-745-60	IC NJM4560D
IC304	8-759-145-58	IC UPC4558C
IC305	8-759-745-60	IC NJM4560D
IC306	8-759-961-38	IC BA6138
IC501	8-759-904-72	IC MSL9359RS
IC502	8-759-100-12	IC UPD554C-089
IC701	8-759-910-46	IC MB8841H-1264K
IC702	8-759-984-49	IC MB84049UB
IC703	8-759-984-49	IC MB84049UB
IC704	8-759-700-46	IC CX10034
IC901	8-759-145-58	IC UPC4558C
IC902	8-759-958-14	IC MSM58141RS
IC903	8-759-145-58	IC UPC4558C
IC904	8-759-102-17	IC CX10031A

ELECTRICAL PARTS

Ref.No.	Part No.	Description
L101	1-407-240-00	MICRO INDUCTOR 22MMH
L102	1-408-259-00	MICRO INDUCTOR 15MMH
L103	1-408-253-00	MICRO INDUCTOR 4.7MMH
L104	1-408-250-00	MICRO INDUCTOR 2.7MMH
L105	1-408-685-00	MICRO INDUCTOR 1.8MMH
L106	1-408-249-00	MICRO INDUCTOR 2.2MMH
L201	1-407-240-00	MICRO INDUCTOR 22MMH
L202	1-408-259-00	MICRO INDUCTOR 15MMH
L203	1-408-253-00	MICRO INDUCTOR 4.7MMH
L204	1-408-250-00	MICRO INDUCTOR 2.7MMH
L205	1-408-685-00	MICRO INDUCTOR 1.8MMH
L206	1-408-249-00	MICRO INDUCTOR 2.2MMH
L301	1-408-096-00	MICRO INDUCTOR 470UH
L302	1-408-096-00	MICRO INDUCTOR 470UH
L501	1-407-177-XX	MICRO INDUCTOR
LPF101	1-231-388-00	FILTER, LOWPASS
LPF201	1-231-388-00	FILTER, LOWPASS
PL301	1-518-489-21	LAMP, PILOT
PL302	1-518-489-21	LAMP, PILOT
PL901	1-518-313-00	LAMP, PILOT
PM901	1-454-333-00	SOLENOID, PLUNGER
PM902	1-454-291-00	SOLENOID, PLUNGER
Q101	8-729-100-13	TRANSISTOR 2SC2001
Q102	8-729-100-13	TRANSISTOR 2SC2001
Q201	8-729-100-13	TRANSISTOR 2SC2001
Q202	8-729-100-13	TRANSISTOR 2SC2001
Q301	8-769-111-00	TRANSISTOR 2SK120
Q302	8-729-167-62	TRANSISTOR 2SC2676
Q303	8-729-167-62	TRANSISTOR 2SC2676
Q304	8-729-141-43	TRANSISTOR 2SD414
Q305	8-769-111-00	TRANSISTOR 2SK120
Q306	8-729-113-82	TRANSISTOR 2SA1138
Q307	8-729-113-82	TRANSISTOR 2SA1138
Q308	8-729-154-83	TRANSISTOR 2SB548
Q311	8-729-245-83	TRANSISTOR 2SC2458
Q312	8-729-117-54	TRANSISTOR 2SA1175
Q313	8-729-245-83	TRANSISTOR 2SC2458
Q314	8-729-281-53	TRANSISTOR 2SC1815-GR
Q315	8-729-245-83	TRANSISTOR 2SC2458
Q316	8-729-245-83	TRANSISTOR 2SC2458
Q501	8-729-245-83	TRANSISTOR 2SC2458
Q502	8-729-900-65	TRANSISTOR DTA144ES

ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q503	8-729-900-89	TRANSISTOR DTC144ES
Q504	8-729-117-54	TRANSISTOR 2SA1175
Q505	8-729-117-54	TRANSISTOR 2SA1175
Q701	8-729-201-78	TRANSISTOR 2SD1406
Q702	8-729-201-78	TRANSISTOR 2SD1406
Q703	8-729-201-78	TRANSISTOR 2SD1406
Q704	8-729-201-78	TRANSISTOR 2SD1406
Q705	8-729-201-78	TRANSISTOR 2SD1406
Q706	8-729-245-83	TRANSISTOR 2SC2458
Q707	8-729-245-83	TRANSISTOR 2SC2458
Q708	8-729-245-83	TRANSISTOR 2SC2458
Q709	8-729-103-43	TRANSISTOR 2SB734
Q710	8-729-103-43	TRANSISTOR 2SB734
Q711	8-729-201-78	TRANSISTOR 2SD1406
Q712	8-729-195-23	TRANSISTOR 2SB808
Q713	8-729-195-23	TRANSISTOR 2SB808
Q714	8-729-100-13	TRANSISTOR 2SC2001
Q715	8-729-100-13	TRANSISTOR 2SC2001
Q716	8-729-900-80	TRANSISTOR DTC114ES
Q717	8-729-102-03	TRANSISTOR 2SD1020
Q718	8-729-102-03	TRANSISTOR 2SD1020
Q719	8-729-900-80	TRANSISTOR DTC114ES
Q720	8-729-900-80	TRANSISTOR DTC114ES
Q721	8-729-900-80	TRANSISTOR DTC114ES
Q722	8-729-900-80	TRANSISTOR DTC114ES
Q723	8-729-900-80	TRANSISTOR DTC114ES
Q724	8-729-900-80	TRANSISTOR DTC114ES
Q725	8-729-900-80	TRANSISTOR DTC114ES
Q726	8-729-900-80	TRANSISTOR DTC144ES
Q727	8-729-900-80	TRANSISTOR DTA114ES
Q728	8-729-245-83	TRANSISTOR 2SC2458
Q901	8-729-245-83	TRANSISTOR 2SC2458
Q902	8-729-180-93	TRANSISTOR 2SD809
Q903	8-729-173-13	TRANSISTOR 2SB731
Q904	8-729-245-83	TRANSISTOR 2SC2458
Q905	8-729-117-54	TRANSISTOR 2SA1175
Q906	8-729-245-83	TRANSISTOR 2SC2458
Q907	8-729-117-54	TRANSISTOR 2SA1175
Q908	8-729-110-21	TRANSISTOR PH102
Q909	8-729-110-21	TRANSISTOR PH102
R101	1-214-777-00	METAL 100K 1% 1/4W
R102	1-214-709-00	METAL 150 1% 1/4W
R103	1-214-746-00	METAL 5.1K 1% 1/4W
R104	1-214-780-00	METAL 130K 1% 1/4W
R105	1-214-735-00	METAL 1.8K 1% 1/4W
R106	1-214-736-00	METAL 2K 1% 1/4W

ELECTRICAL PARTS

Ref.No.	Part No.	Description
R107	1-247-179-00	CARBON 100K 5% 1/4W
R108	1-247-155-00	CARBON 10K 5% 1/4W
R109	1-247-171-00	CARBON 47K 5% 1/4W
R110	1-214-737-00	METAL 2.2K 1% 1/4W
R111	1-214-723-00	METAL 560 1% 1/4W
R112	1-214-753-00	METAL 10K 1% 1/4W
R113	1-214-744-00	METAL 4.3K 1% 1/4W
R114	1-214-739-00	METAL 2.7K 1% 1/4W
R115	1-246-537-00	CARBON 470K 5% 1/4W
R116	1-247-123-00	CARBON 470 5% 1/4W
R117	1-214-776-00	METAL 91K 1% 1/4W
R118	1-247-138-00	CARBON 2K 5% 1/4W
R119	1-247-148-00	CARBON 5.1K 5% 1/4W
R120	1-247-171-00	CARBON 47K 5% 1/4W
R121	1-246-530-00	CARBON 240K 5% 1/4W
R122	1-246-528-00	CARBON 200K 5% 1/4W
R123	1-246-529-00	CARBON 220K 5% 1/4W
R124	1-247-145-00	CARBON 3.9K 5% 1/4W
R125	1-246-529-00	CARBON 220K 5% 1/4W
R126	1-246-528-00	CARBON 200K 5% 1/4W
R127	1-247-120-00	CARBON 360 5% 1/4W
R128	1-247-145-00	CARBON 3.9K 5% 1/4W
R129	1-247-171-00	CARBON 47K 5% 1/4W
R130	1-214-763-00	METAL 27K 1% 1/4W
R131	1-214-751-00	METAL 8.2K 1% 1/4W
R132	1-247-151-00	CARBON 6.8K 5% 1/4W
R133	1-247-145-00	CARBON 3.9K 5% 1/4W
R134	1-247-143-00	CARBON 3.3K 5% 1/4W
R135	1-247-151-00	CARBON 6.8K 5% 1/4W
R136	1-247-171-00	CARBON 47K 5% 1/4W
R137	1-247-171-00	CARBON 47K 5% 1/4W
R138	1-214-721-00	METAL 470 1% 1/4W
R139	1-214-753-00	METAL 10K 1% 1/4W
R140	1-214-744-00	METAL 4.3K 1% 1/4W
R141	1-214-739-00	METAL 2.7K 1% 1/4W
R142	1-246-537-00	CARBON 470K 5% 1/4W
R143	1-247-123-00	CARBON 470 5% 1/4W
R144	1-214-776-00	METAL 91K 1% 1/4W
R145	1-247-138-00	CARBON 2K 5% 1/4W
R146	1-247-148-00	CARBON 5.1K 5% 1/4W
R147	1-247-171-00	CARBON 47K 5% 1/4W
R148	1-246-530-00	CARBON 240K 5% 1/4W
R149	1-246-528-00	CARBON 200K 5% 1/4W
R150	1-246-529-00	CARBON 220K 5% 1/4W
R151	1-247-145-00	CARBON 3.9K 5% 1/4W

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.

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:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μF .

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 Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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.

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:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μF .

COILS

MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ , for example:
UA... : μA ..., UPA... : μPA ..., UPC... : μPC ..., UPD... : μPD ...

ELECTRICAL PARTS

ELECTRICAL PARTS

ELECTRICAL PARTS

ELECTRICAL PARTS

Ref.No.	Part No.	Description	QTY	UNIT	Ref.No.
R152	1-246-529-00	CARBON	220K	5%	1/4W
R153	1-246-528-00	CARBON	200K	5%	1/4W
R154	1-247-120-00	CARBON	360	5%	1/4W
R155	1-247-145-00	CARBON	3.9K	5%	1/4W
R156	1-214-757-00	METAL	15K	1%	1/4W
R157	1-247-171-00	CARBON	47K	5%	1/4W
R158	1-214-741-00	METAL	3.3K	1%	1/4W
R159	1-247-131-00	CARBON	1K	5%	1/4W
R160	1-247-163-00	CARBON	22K	5%	1/4W
R161	1-247-171-00	CARBON	47K	5%	1/4W
R162	1-214-755-00	METAL	12K	1%	1/4W
R163	1-214-737-00	METAL	2.2K	1%	1/4W
R164	1-214-763-00	METAL	27K	1%	1/4W
R165	1-214-761-00	METAL	22K	1%	1/4W
R166	1-214-739-00	METAL	2.7K	1%	1/4W
R167	1-247-115-00	CARBON	220	5%	1/4W
R168	1-247-157-00	CARBON	12K	5%	1/4W
R169	1-247-109-00	CARBON	120	5%	1/4W
R170	1-247-147-00	CARBON	4.7K	5%	1/4W
R171	1-247-143-00	CARBON	3.3K	5%	1/4W
R172	1-247-111-00	CARBON	150	5%	1/4W
R173	1-246-533-00	CARBON	330K	5%	1/4W
R174	1-247-133-00	CARBON	1.2K	5%	1/4W
R175	1-247-109-00	CARBON	120	5%	1/4W
R176	1-247-141-00	CARBON	2.7K	5%	1/4W
R177	1-247-141-00	CARBON	2.7K	5%	1/4W
R178	1-214-733-00	METAL	1.5K	1%	1/4W
R179	1-247-163-00	CARBON	22K	5%	1/4W
R180	1-247-163-00	CARBON	22K	5%	1/4W
R181	1-214-735-00	METAL	1.8K	1%	1/4W
R182	1-247-139-00	CARBON	2.2K	5%	1/4W
R183	1-247-091-00	CARBON	22	5%	1/4W
R184	1-246-525-00	CARBON	150K	5%	1/4W
R185	1-247-155-00	CARBON	10K	5%	1/4W
R186	1-247-133-00	CARBON	1.2K	5%	1/4W
R187	1-247-163-00	CARBON	22K	5%	1/4W
R188	1-246-529-00	CARBON	220K	5%	1/4W
R189	1-247-115-00	CARBON	220	5%	1/4W
R201	1-214-777-00	METAL	100K	1%	1/4W
R202	1-214-709-00	METAL	150	1%	1/4W
R203	1-214-746-00	METAL	5.1K	1%	1/4W
R204	1-214-780-00	METAL	130K	1%	1/4W
R205	1-214-735-00	METAL	1.8K	1%	1/4W
R206	1-214-736-00	METAL	2K	1%	1/4W
R207	1-247-179-00	CARBON	100K	5%	1/4W

Ref.No.	Part No.	Description	QTY	UNIT	Ref.No.
R208	1-247-155-00	CARBON	10K	5%	1/4W
R209	1-247-171-00	CARBON	47K	5%	1/4W
R210	1-214-737-00	METAL	2.2K	1%	1/4W
R211	1-214-723-00	METAL	560	1%	1/4W
R212	1-214-753-00	METAL	10K	1%	1/4W
R213	1-214-744-00	METAL	4.3K	1%	1/4W
R214	1-214-739-00	METAL	2.7K	1%	1/4W
R215	1-246-537-00	CARBON	470K	5%	1/4W
R216	1-247-123-00	CARBON	470	5%	1/4W
R217	1-214-776-00	METAL	91K	1%	1/4W
R218	1-247-138-00	CARBON	2K	5%	1/4W
R219	1-247-148-00	CARBON	5.1K	5%	1/4W
R220	1-247-171-00	CARBON	47K	5%	1/4W
R221	1-246-530-00	CARBON	240K	5%	1/4W
R222	1-246-528-00	CARBON	200K	5%	1/4W
R223	1-246-529-00	CARBON	220K	5%	1/4W
R224	1-247-145-00	CARBON	3.9K	5%	1/4W
R225	1-246-529-00	CARBON	220K	5%	1/4W
R226	1-246-528-00	CARBON	200K	5%	1/4W
R227	1-247-120-00	CARBON	360	5%	1/4W
R228	1-247-145-00	CARBON	3.9K	5%	1/4W
R229	1-247-171-00	CARBON	47K	5%	1/4W
R230	1-214-763-00	METAL	27K	1%	1/4W
R231	1-214-751-00	METAL	8.2K	1%	1/4W
R232	1-247-151-00	CARBON	6.8K	5%	1/4W
R233	1-247-145-00	CARBON	3.9K	5%	1/4W
R234	1-247-143-00	CARBON	3.3K	5%	1/4W
R235	1-247-151-00	CARBON	6.8K	5%	1/4W
R236	1-247-171-00	CARBON	47K	5%	1/4W
R237	1-247-171-00	CARBON	47K	5%	1/4W
R238	1-214-721-00	METAL	470	1%	1/4W
R239	1-214-753-00	METAL	10K	1%	1/4W
R240	1-214-744-00	METAL	4.3K	1%	1/4W
R241	1-214-739-00	METAL	2.7K	1%	1/4W
R242	1-246-537-00	CARBON	470K	5%	1/4W
R243	1-247-123-00	CARBON	470	5%	1/4W
R244	1-214-776-00	METAL	91K	1%	1/4W
R245	1-247-138-00	CARBON	2K	5%	1/4W
R246	1-247-148-00	CARBON	5.1K	5%	1/4W
R247	1-247-171-00	CARBON	47K	5%	1/4W
R248	1-246-530-00	CARBON	240K	5%	1/4W
R249	1-246-528-00	CARBON	200K	5%	1/4W
R250	1-246-529-00	CARBON	220K	5%	1/4W
R251	1-247-145-00	CARBON	3.9K	5%	1/4W
R252	1-246-529-00	CARBON	220K	5%	1/4W

Ref.No.	Part No.	Description	QTY	UNIT	Ref.No.
R253	1-246-528-00	CARBON	200K	5%	1/4W
R254	1-247-120-00	CARBON	360	5%	1/4W
R255	1-247-145-00	CARBON	3.9K	5%	1/4W
R256	1-214-757-00	METAL	15K	1%	1/4W
R257	1-247-171-00	CARBON	47K	5%	1/4W
R258	1-214-741-00	METAL	3.3K	1%	1/4W
R259	1-247-131-00	CARBON	1K	5%	1/4W
R260	1-247-163-00	CARBON	22K	5%	1/4W
R261	1-247-171-00	CARBON	47K	5%	1/4W
R262	1-214-755-00	METAL	12K	1%	1/4W
R263	1-214-737-00	METAL	2.2K	1%	1/4W
R264	1-214-763-00	METAL	27K	1%	1/4W
R265	1-214-761-00	METAL	22K	1%	1/4W
R266	1-214-739-00	METAL	2.7K	1%	1/4W
R267	1-247-115-00	CARBON	220	5%	1/4W
R268	1-247-157-00	CARBON	12K	5%	1/4W
R269	1-247-109-00	CARBON	120	5%	1/4W
R270	1-247-147-00	CARBON	4.7K	5%	1/4W
R271	1-247-143-00	CARBON	3.3K	5%	1/4W
R272	1-247-111-00	CARBON	150	5%	1/4W
R273	1-246-533-00	CARBON	330K	5%	1/4W
R274	1-247-133-00	CARBON	1.2K	5%	1/4W
R275	1-247-109-00	CARBON	120	5%	1/4W
R276	1-247-141-00	CARBON	2.7K	5%	1/4W
R277	1-247-141-00	CARBON	2.7K	5%	1/4W
R278	1-214-733-00	METAL	1.5K	1%	1/4W
R279	1-247-163-00	CARBON	22K	5%	1/4W
R280	1-247-163-00	CARBON	22K	5%	1/4W
R281	1-214-735-00	METAL	1.8K	1%	1/4W
R282	1-247-139-00	CARBON	2.2K	5%	1/4W
R283	1-247-091-00	CARBON	22	5%	1/4W
R284	1-246-525-00	CARBON	150K	5%	1/4W
R285	1-247-155-00	CARBON	10K	5%	1/4W
R286	1-247-133-00	CARBON	1.2K	5%	1/4W
R287	1-247-163-00	CARBON	22K	5%	1/4W
R288	1-246-529-00	CARBON	220K	5%	1/4W
R289	1-247-115-00	CARBON	220	5%	1/4W
R301	1-247-171-00	CARBON	47K	5%	1/4W
R302	1-247-143-00	CARBON	3.3K	5%	1/4W
R303	1-214-858-00	METAL	560	1%	1/2W
R304	1-214-864-00	METAL	1K	1%	1/2W
R305	1-247-171-00	CARBON	47K	5%	1/4W
R306	1-247-143-00	CARBON	3.3K	5%	1/4W
R307	1-214-858-00	METAL	560	1%	1/2W
R308	1-214-864-00	METAL	1K	1%	1/2W

Ref.No.	Part No.	Description	QTY	UNIT	Ref.No.
R309	1-247-171-00	CARBON	47K	5%	1/4W
R310	1-247-171-00	CARBON	47K	5%	1/4W
R311	1-247-147-00	CARBON	4.7K	5%	1/4W
R312	1-247-171-00	CARBON	47K	5%	1/4W
R313	1-247-155-00	CARBON	10K	5%	1/4W
R314	1-247-147-00	CARBON	4.7K	5%	1/4W
R315	1-247-153-00	CARBON	8.2K	5%	1/4W
R316	1-247-131-00	CARBON	1K	5%	1/4W
R317	1-247-155-00	CARBON	10K	5%	1/4W
R318	1-247-171-00	CARBON	47K	5%	1/4W
R319	1-247-107-00	CARBON	100	5%	1/4W
R320	1-247-107-00	CARBON	100	5%	1/4W
R321	1-247-143-00	CARBON	3.3K	5%	1/4W
R322	1-247-171-00	CARBON	47K	5%	1/4W
R323	1-247-171-00	CARBON	47K	5%	1/4W
R324	1-247-171-00	CARBON	47K	5%	1/4W
R325	1-247-171-00	CARBON	47K	5%	1/4W
R326	1-247-171-00	CARBON	47K	5%	1/4W
R327	1-247-155-00	CARBON	10K	5%	1/4W
R328	1-244-835-00	CARBON	27	5%	1/2W
R329	1-247-179-00	CARBON	100K	5%	1/4W
R330	1-247-179-00	CARBON	100K	5%	1/4W
R331	1-247-179-00	CARBON	100K	5%	1/4W
R332	1-247-171-00	CARBON	47K	5%	1/4W
R333	1-247-171-00	CARBON	47K	5%	1/4W
R334	1-247-171-00	CARBON	47K	5%	1/4W
R335	1-247-131-00	CARBON	1K	5%	1/4W
R336	1-247-163-00	CARBON	22K	5%	1/4W
R337	1-247-171-00	CARBON	47K	5%	1/4W
R338	1-247-147-00	CARBON	4.7K	5%	1/4W
R501	1-247-875-00	CARBON	68K	5%	1/6W
R502	1-247-875-00	CARBON	68K	5%	1/6W
R503	1-247-855-00	CARBON	10K	5%	1/6W
R504	1-247-855-00	CARBON	10K	5%	1/6W
R505	1-247-863-00	CARBON	22K	5%	1/6W
R506	1-247-887-00	CARBON	220K	5%	1/6W
R507	1-247-855-00	CARBON	10K	5%	1/6W
R508	1-247-855-00	CARBON	10K	5%	1/6W
R509	1-247-863-00	CARBON	22K	5%	1/6W
R510	1-247-855-00	CARBON	10K	5%	1/6W
R511	1-247-855-00	CARBON	10K	5%	1/6W
R512	1-247-863-00	CARBON	22K	5%	1/6W
R513	1-247-887-00	CARBON	220K	5%	1/6W
R514	1-247-875-00	CARBON	68K	5%	1/6W
R515	1-247-859-00	CARBON	270	5%	1/2W

NOTE:

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- 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:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μpF .

COILS

MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ , for example:
UA... : μA ..., UPA... : μPA ...,
UPC... : μPC ,
UPD... : μPD ...

NOTE:

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ELECTRICAL PARTS

Ref.No.	Part No.	Description	Value	Unit	Ref.No.
R701	A.1-212-971-00	FUSIBLE	36	5%	1/2W F
R702	1-247-141-00	CARBON	2.7K	5%	1/4W
R703	A.1-213-059-00	FUSIBLE	9.1	5%	1W F
R704	1-247-152-00	CARBON	7.5K	5%	1/4W
R705	A.1-217-387-00	FUSIBLE	10	5%	1/4W F
R706	1-247-131-00	CARBON	1K	5%	1/4W
R707	1-247-831-00	CARBON	1K	5%	1/6W
R708	1-247-846-00	CARBON	4.3K	5%	1/6W
R709	A.1-206-463-00	METAL OXIDE	10	5%	2W F
R710	A.1-206-477-00	METAL OXIDE	39	5%	2W F
R711	1-247-155-00	CARBON	10K	5%	1/4W
R713	1-247-131-00	CARBON	1K	5%	1/4W
R714	1-247-179-00	CARBON	100K	5%	1/4W
R715	1-247-871-00	CARBON	47K	5%	1/6W
R716	1-247-131-00	CARBON	1K	5%	1/4W
R717	1-247-831-00	CARBON	1K	5%	1/6W
R718	1-247-871-00	CARBON	47K	5%	1/6W
R719	1-247-131-00	CARBON	1K	5%	1/4W
R720	1-247-831-00	CARBON	1K	5%	1/6W
R721	1-247-831-00	CARBON	1K	5%	1/6W
R722	1-247-831-00	CARBON	1K	5%	1/6W
R723	1-247-131-00	CARBON	1K	5%	1/4W
R724	1-247-131-00	CARBON	1K	5%	1/4W
R725	1-247-133-00	CARBON	1.2K	5%	1/4W
R726	1-247-128-00	CARBON	750	5%	1/4W
R727	A.1-217-383-00	FUSIBLE	4.7	5%	1/4W F
R728	1-247-179-00	CARBON	100K	5%	1/4W
R729	1-247-179-00	CARBON	100K	5%	1/4W
R730	1-246-537-00	CARBON	470K	5%	1/4W
R731	1-246-537-00	CARBON	470K	5%	1/4W
R732	1-247-877-00	CARBON	82K	5%	1/6W
R733	1-247-877-00	CARBON	82K	5%	1/6W
R734	1-247-877-00	CARBON	82K	5%	1/6W
R735	1-247-877-00	CARBON	82K	5%	1/6W
R736	1-247-877-00	CARBON	82K	5%	1/6W
R738	1-247-155-00	CARBON	10K	5%	1/4W
R739	1-247-147-00	CARBON	4.7K	5%	1/4W
R740	1-247-131-00	CARBON	1K	5%	1/4W
R741	1-247-131-00	CARBON	1K	5%	1/4W
R742	1-247-131-00	CARBON	1K	5%	1/4W
R743	1-247-131-00	CARBON	1K	5%	1/4W
R744	1-247-131-00	CARBON	1K	5%	1/4W
R745	1-247-131-00	CARBON	1K	5%	1/4W
R746	1-247-131-00	CARBON	1K	5%	1/4W
R747	1-247-163-00	CARBON	22K	5%	1/4W

ELECTRICAL PARTS

Ref.No.	Part No.	Description	Value	Unit	Ref.No.
R748	1-247-163-00	CARBON	22K	5%	1/4W
R749	1-247-163-00	CARBON	22K	5%	1/4W
R750	1-247-163-00	CARBON	22K	5%	1/4W
R751	1-247-163-00	CARBON	22K	5%	1/4W
R752	1-247-163-00	CARBON	22K	5%	1/4W
R753	1-247-163-00	CARBON	22K	5%	1/4W
R754	1-247-163-00	CARBON	22K	5%	1/4W
R755	1-247-163-00	CARBON	22K	5%	1/4W
R756	1-247-163-00	CARBON	22K	5%	1/4W
R757	1-247-163-00	CARBON	22K	5%	1/4W
R758	1-247-855-00	CARBON	10K	5%	1/6W
R759	1-247-163-00	CARBON	22K	5%	1/4W
R760	1-247-163-00	CARBON	22K	5%	1/4W
R761	1-247-163-00	CARBON	22K	5%	1/4W
R762	1-247-163-00	CARBON	22K	5%	1/4W
R763	1-247-163-00	CARBON	22K	5%	1/4W
R764	1-247-163-00	CARBON	22K	5%	1/4W
R765	1-247-163-00	CARBON	22K	5%	1/4W
R766	1-247-163-00	CARBON	22K	5%	1/4W
R767	1-247-131-00	CARBON	1K	5%	1/4W
R768	1-247-147-00	CARBON	4.7K	5%	1/4W
R769	1-247-147-00	CARBON	4.7K	5%	1/4W
R770	1-247-163-00	CARBON	22K	5%	1/4W
R771	1-247-163-00	CARBON	22K	5%	1/4W
R772	1-247-115-00	CARBON	220	5%	1/4W
R773	1-247-123-00	CARBON	470	5%	1/4W
R774	1-247-117-00	CARBON	270	5%	1/4W
R776	1-247-163-00	CARBON	22K	5%	1/4W
R777	1-247-879-00	CARBON	100K	5%	1/6W
R779	1-247-196-00	CARBON	15	5%	1/2W
R901	1-247-831-00	CARBON	1K	5%	1/6W
R902	1-247-831-00	CARBON	1K	5%	1/6W
R903	1-247-873-00	CARBON	56K	5%	1/6W
R904	1-247-831-00	CARBON	1K	5%	1/6W
R905	1-247-850-00	CARBON	6.2K	5%	1/6W
R906	1-247-857-00	CARBON	12K	5%	1/6W
R907	1-247-879-00	CARBON	100K	5%	1/6W
R908	1-247-902-00	CARBON	910K	5%	1/6W
R909	1-247-855-00	CARBON	10K	5%	1/6W
R910	1-247-855-00	CARBON	10K	5%	1/6W
R911	1-214-765-00	METAL	33K	1%	1/4W
R912	1-247-895-00	CARBON	470K	5%	1/6W
R913	1-247-899-00	CARBON	680K	5%	1/6W
R914	1-247-871-00	CARBON	47K	5%	1/6W
R915	1-247-879-00	CARBON	100K	5%	1/6W

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- 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:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μpF .

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 **A** are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque **A** sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description	MOB	2.7K	5%	1/6W
R916	1-247-841-00	CARBON	MOB	2.7K	5%	1/6W
R917	1-247-850-00	CARBON	MOB	6.2K	5%	1/6W
R918	1-247-877-00	CARBON	MOB	82K	5%	1/6W
R919	1-247-771-00	CARBON	MOB	3.3	5%	1/6W
R920	1-247-771-00	CARBON	MOB	3.3	5%	1/6W
R921	1-247-855-00	CARBON	MOB	10K	5%	1/6W
R922	1-247-855-00	CARBON	MOB	10K	5%	1/6W
R923	1-247-831-00	CARBON	MOB	1K	5%	1/6W
R924	1-247-855-00	CARBON	MOB	10K	5%	1/6W
R925	1-247-831-00	CARBON	MOB	1K	5%	1/6W
R926	1-247-877-00	CARBON	MOB	82K	5%	1/6W
R927	1-247-847-00	CARBON	MOB	4.7K	5%	1/6W
R928	1-247-855-00	CARBON	MOB	10K	5%	1/6W
R929	1-247-839-00	CARBON	MOB	2.2K	5%	1/6W
R930	1-247-839-00	CARBON	MOB	2.2K	5%	1/6W
R931	1-247-831-00	CARBON	MOB	1K	5%	1/6W
R932	1-247-831-00	CARBON	MOB	1K	5%	1/6W
R933	1-247-827-00	CARBON	MOB	680	5%	1/6W
R934	1-247-827-00	CARBON	MOB	680	5%	1/6W
R935	1-247-843-00	CARBON	MOB	3.3K	5%	1/6W
R936	1-247-843-00	CARBON	MOB	3.3K	5%	1/6W
R937	1-247-843-00	CARBON	MOB	3.3K	5%	1/6W
R938	1-247-843-00	CARBON	MOB	3.3K	5%	1/6W
R939	1-247-871-00	CARBON	MOB	47K	5%	1/6W
R940	1-247-871-00	CARBON	MOB	47K	5%	1/6W
R941	1-217-383-00	FUSIBLE	MOB	4.7	5%	1/4W
R942	1-217-383-00	FUSIBLE	MOB	4.7	5%	1/4W
RV101	1-224-251-XX	RES, ADJ, METAL GLAZE	MOB	4.7K	5%	1/6W
RV102	1-224-251-XX	RES, ADJ, METAL GLAZE	MOB	4.7K	5%	1/6W
RV103	1-226-236-00	RES, ADJ, CARBON 10K	MOB	10K	5%	1/6W
RV201	1-224-251-XX	RES, ADJ, METAL GLAZE	MOB	4.7K	5%	1/6W
RV202	1-224-251-XX	RES, ADJ, METAL GLAZE	MOB	4.7K	5%	1/6W
RV203	1-226-236-00	RES, ADJ, CARBON 10K	MOB	10K	5%	1/6W
RV301	1-230-344-11	RES, VAR, CARBON 20K/20K	MOB	20K	5%	1/6W
RV302	1-226-980-00	RES, VAR, CARBON 20K/20K	MOB	20K	5%	1/6W
RV303	1-226-560-00	RES, VAR, CARBON 5K	MOB	5K	5%	1/6W
RV701	1-226-233-00	RES, ADJ, CARBON 1K	MOB	1K	5%	1/6W
RV901	1-224-252-XX	RES, ADJ, METAL GLAZE	MOB	10K	5%	1/6W
RV902	1-226-232-00	RES, ADJ, CARBON 500	MOB	500	5%	1/6W
RV903	1-226-239-00	RES, ADJ, CARBON 100K	MOB	100K	5%	1/6W
RV904	1-226-232-00	RES, ADJ, CARBON 500	MOB	500	5%	1/6W
RV905	1-226-239-00	RES, ADJ, CARBON 100K	MOB	100K	5%	1/6W
RY301	1-515-519-00	RELAY	MOB	100	5%	1/6W

ELECTRICAL PARTS

Ref.No.	Part No.	Description	MOB	2.7K	5%	1/6W
S301	1-554-007-00	SWITCH, PUSH	MOB	2.7K	5%	1/6W
S302	1-554-008-00	SWITCH, PUSH	MOB	2.7K	5%	1/6W
S701	1-553-318-00	SWITCH, PUSH (AC POWER) (1 KEY)	MOB	2.7K	5%	1/6W
S702	1-552-809-00	SWITCH, SLIDE	MOB	2.7K	5%	1/6W
S703	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S704	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S705	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S706	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S707	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S708	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S709	1-552-539-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S710	1-553-235-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S711	1-553-235-00	SWITCH, KEY BOARD	MOB	2.7K	5%	1/6W
S901	1-553-325-00	SWITCH	MOB	2.7K	5%	1/6W
S902	1-554-205-00	SWITCH, PUSH	MOB	2.7K	5%	1/6W
S903	1-554-205-00	SWITCH, PUSH	MOB	2.7K	5%	1/6W
SP301	1-532-605-00	LINK, IC	MOB	2.7K	5%	1/6W
SP302	1-532-605-00	LINK, IC	MOB	2.7K	5%	1/6W
SP701	1-532-605-00	LINK, IC	MOB	2.7K	5%	1/6W
SPK101	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)	MOB	2.7K	5%	1/6W
SPK102	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)	MOB	2.7K	5%	1/6W
SPK201	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)	MOB	2.7K	5%	1/6W
SPK202	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)	MOB	2.7K	5%	1/6W
T701	1-447-896-11	(Canadian)...TRANSFORMER, POWER	MOB	2.7K	5%	1/6W
T701	1-447-897-11	(AEP).....TRANSFORMER, POWER	MOB	2.7K	5%	1/6W
T701	1-447-898-11	(E).....TRANSFORMER, POWER	MOB	2.7K	5%	1/6W
X701	1-527-802-00	OSCILLATOR, CERAMIC	MOB	2.7K	5%	1/6W
X901	1-567-082-00	VIBRATOR, CRYSTAL	MOB	2.7K	5%	1/6W

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- 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.
- 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:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: μF .

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 Δ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Sony Corporation