

TC-K555ESII

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 x 105 x 330 mm (w/h/d)
(17 x 4 1/4 x 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 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 SUR LES DIAGRAMMES SCHÉ-
MATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES
POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REM-
PLACER 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-K555ES II

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.

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

SONY. MUNIEZ UN DANS LES SUPPLÉMENTS HURLEZ PAR
SONY DON'T LES NUMéROS SONT DONNÉS DANS CE
PLACER CES COMPOSANTS SUR PAR DES PIÈCES
SONY LA SÉCURITé DE FONCTIONNEMENT. NE REM-
POUR LA modéL: AC 110, 120, 220, 240 V ~ 50/60 Hz 30 W

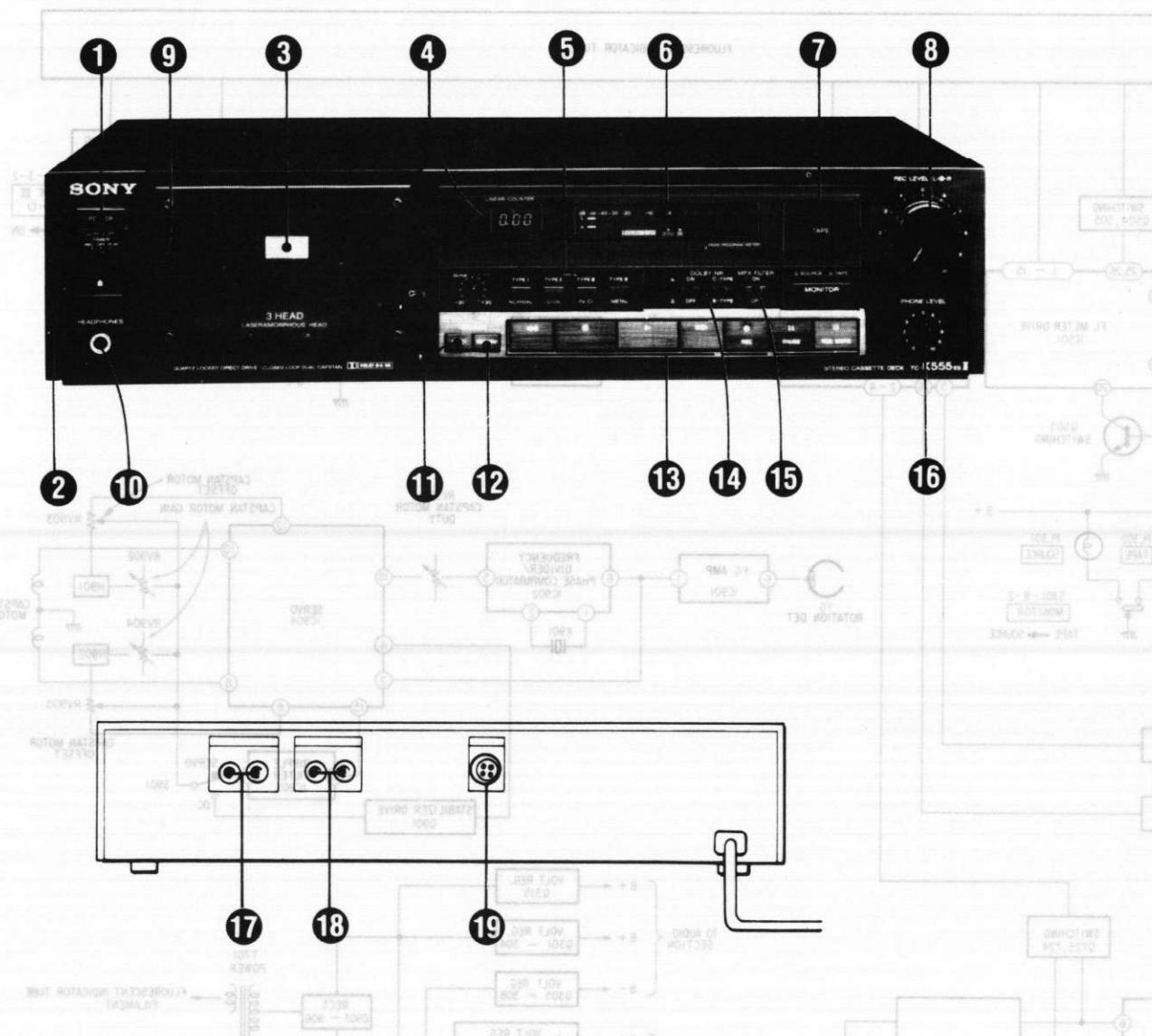
Stereo Cassette Deck

TC-K555ESII

TC-K555ESII

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 inoperative 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 □) to allow monitoring of the sound to be recorded. During playback, depress this switch (TAPE □) 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.

⑭ 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 (□) or C-TYPE (△).

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.

SECTION 1 OUTLINE

⑮ 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.

⑯ 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

⑰ 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.

⑱ 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.

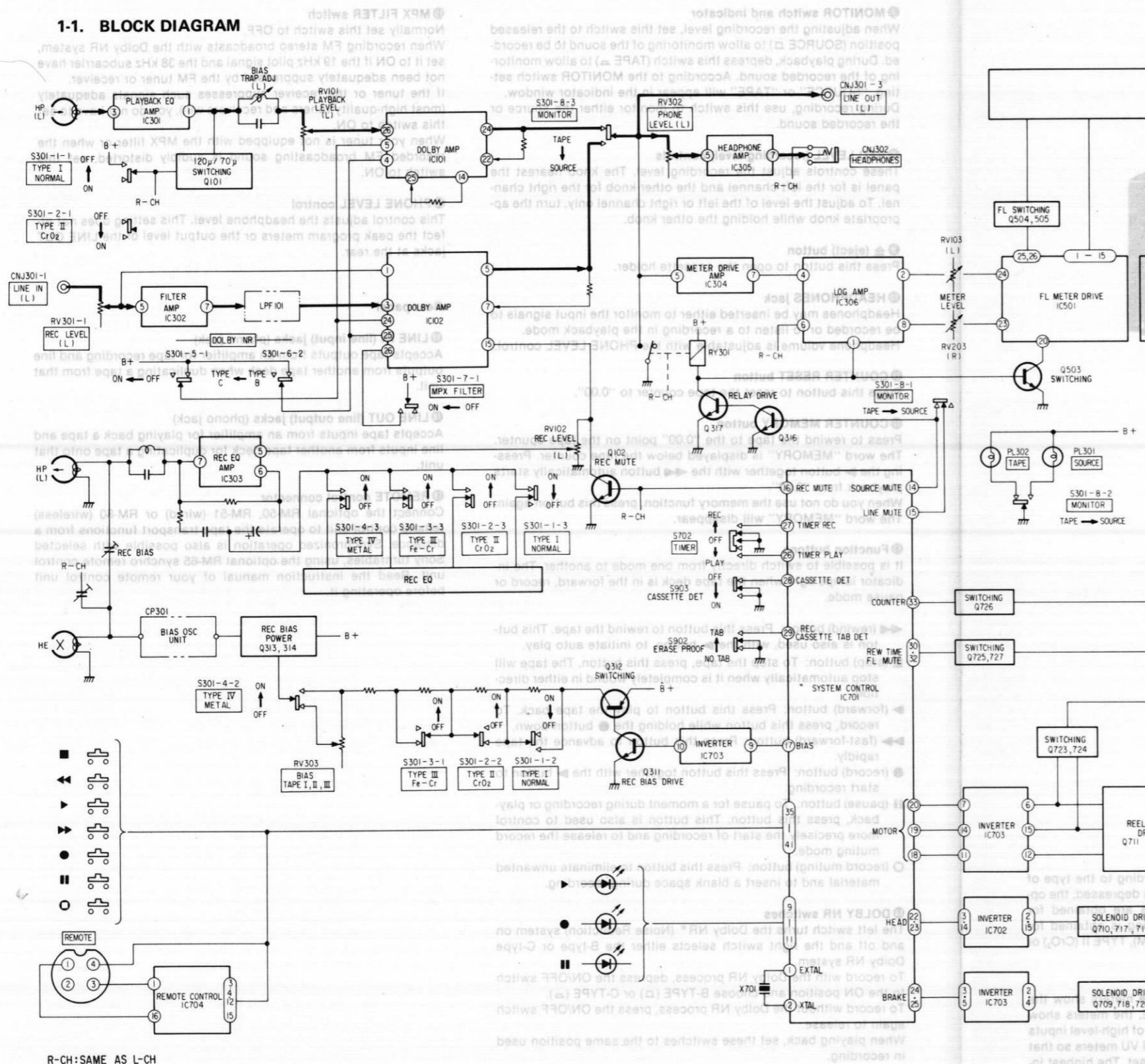
⑲ REMOTE control connector

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.

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SECTION 1 OUTLINE

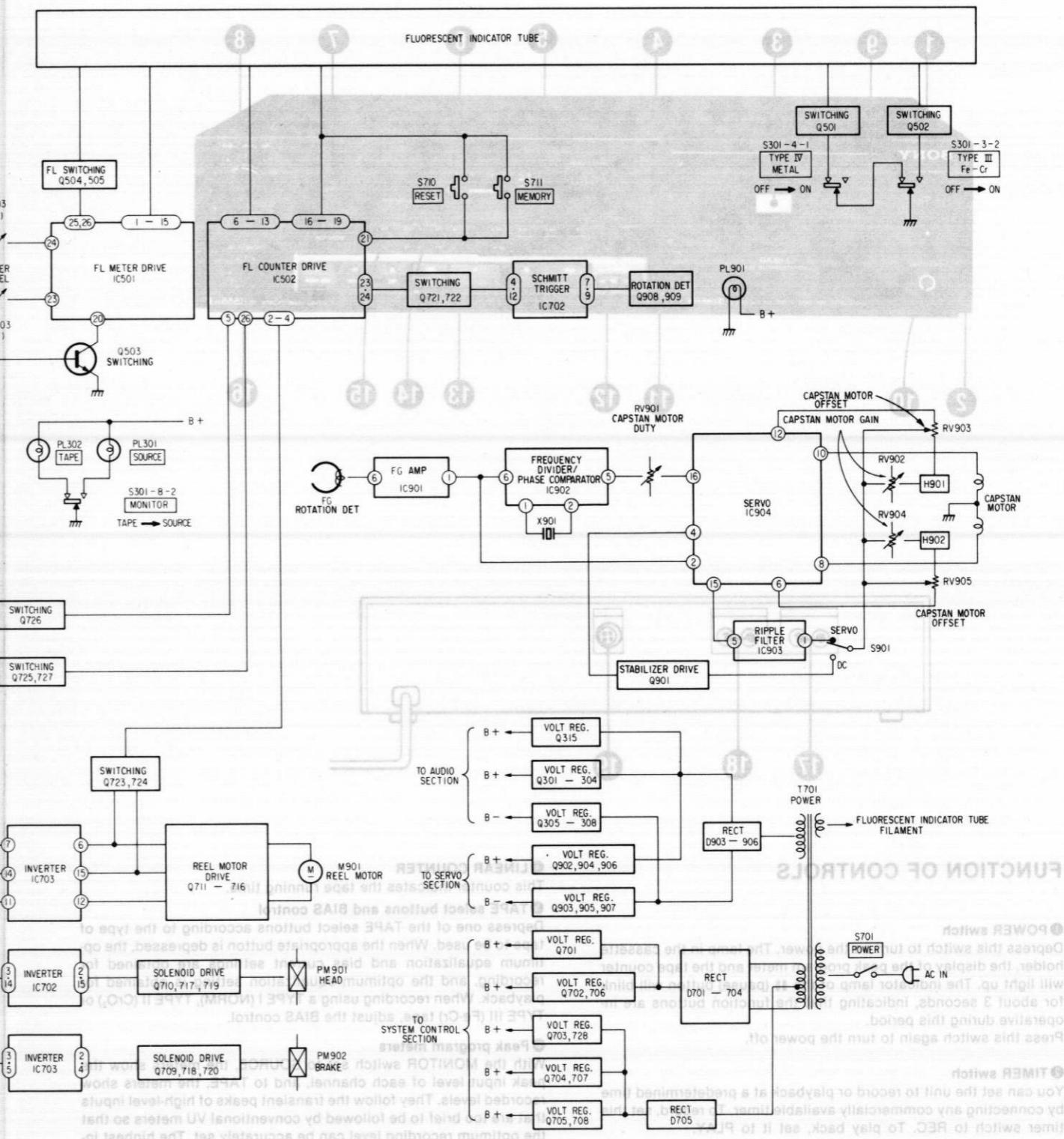
1-1. BLOCK DIAGRAM



R-CH: SAME AS L-CH

SECTION 1 OUTLINE

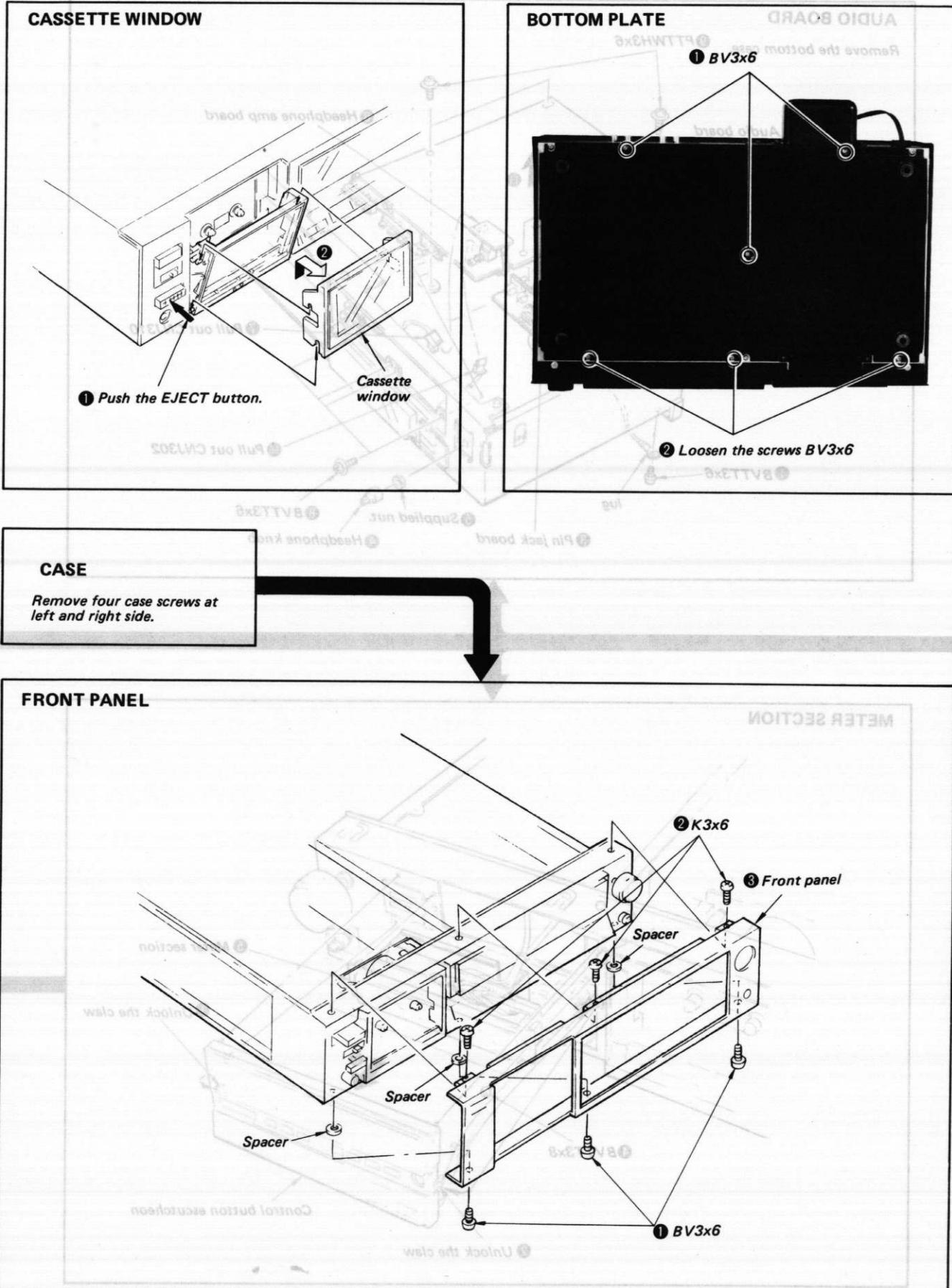
1-1. LOCATION AND FUNCTION OF CONTROLS



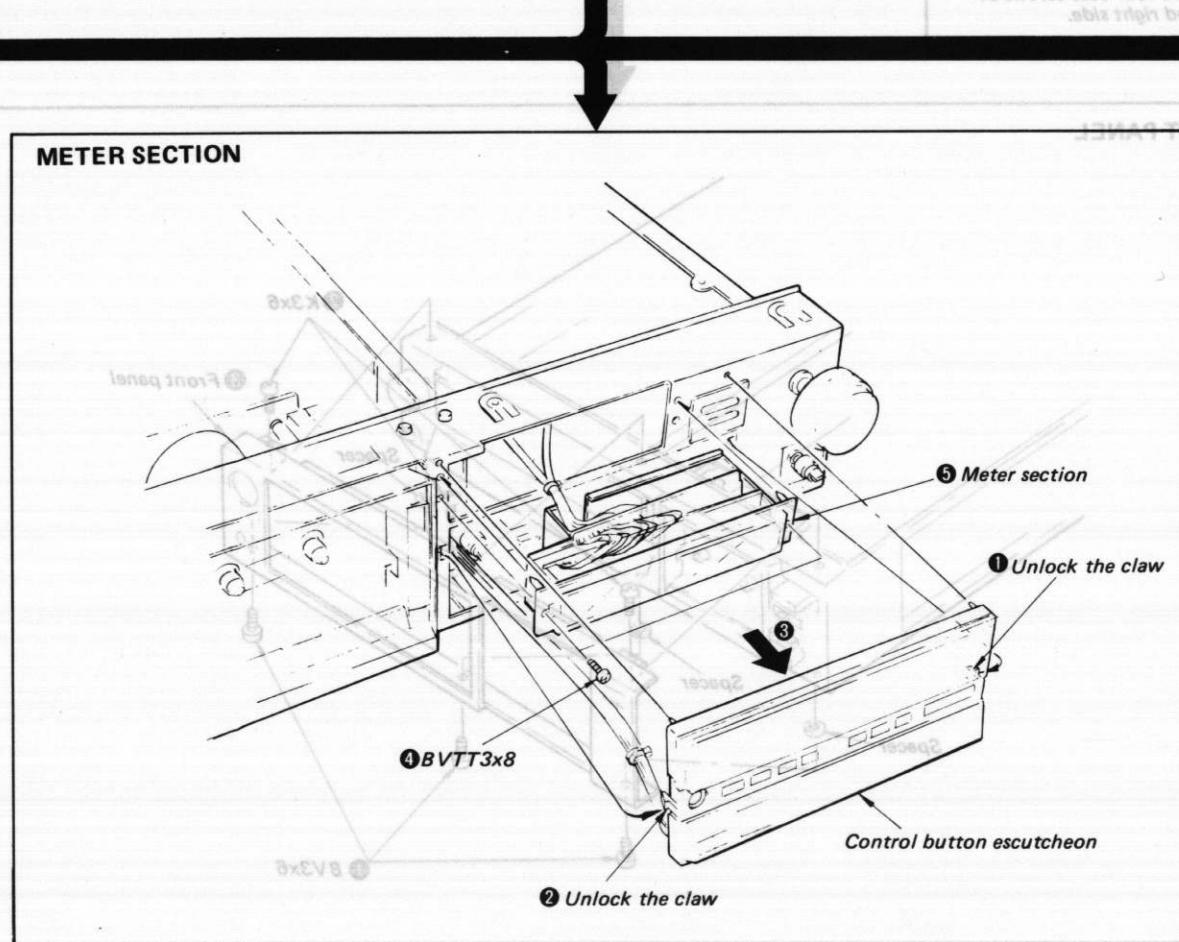
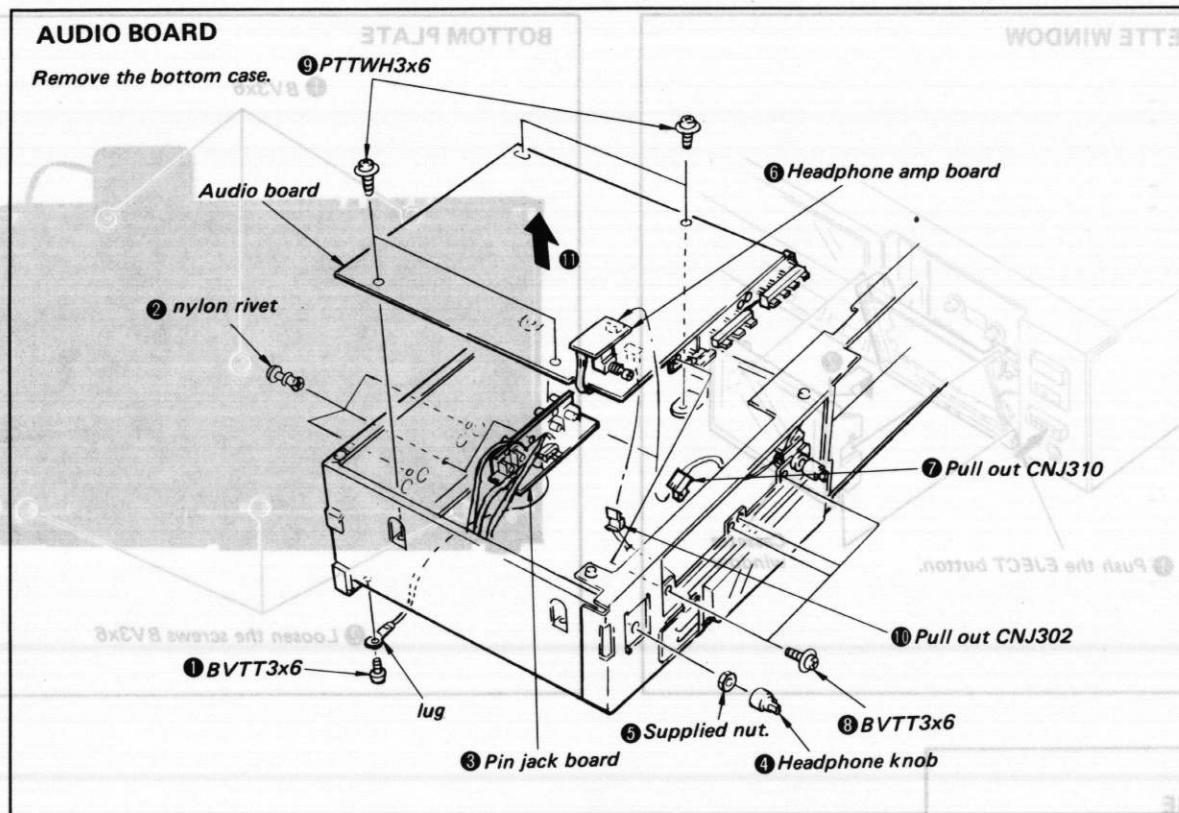
SECTION 2

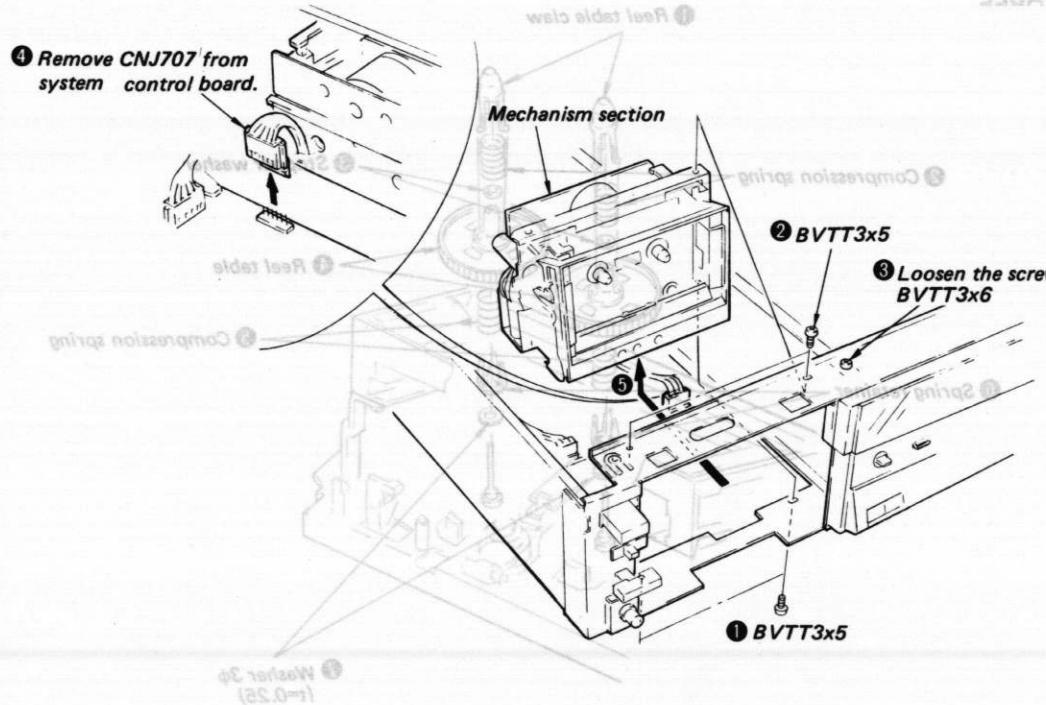
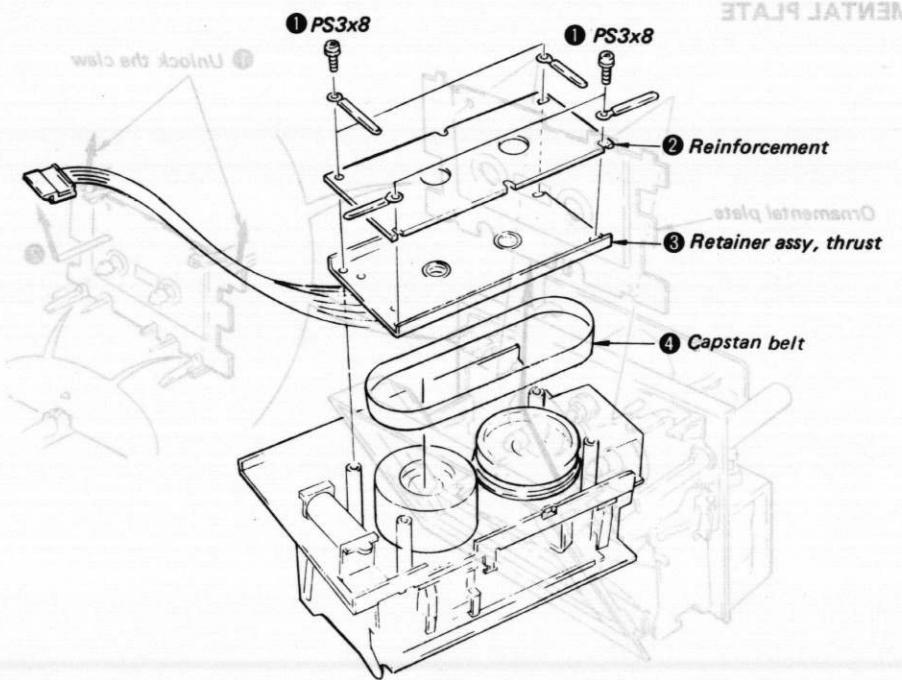
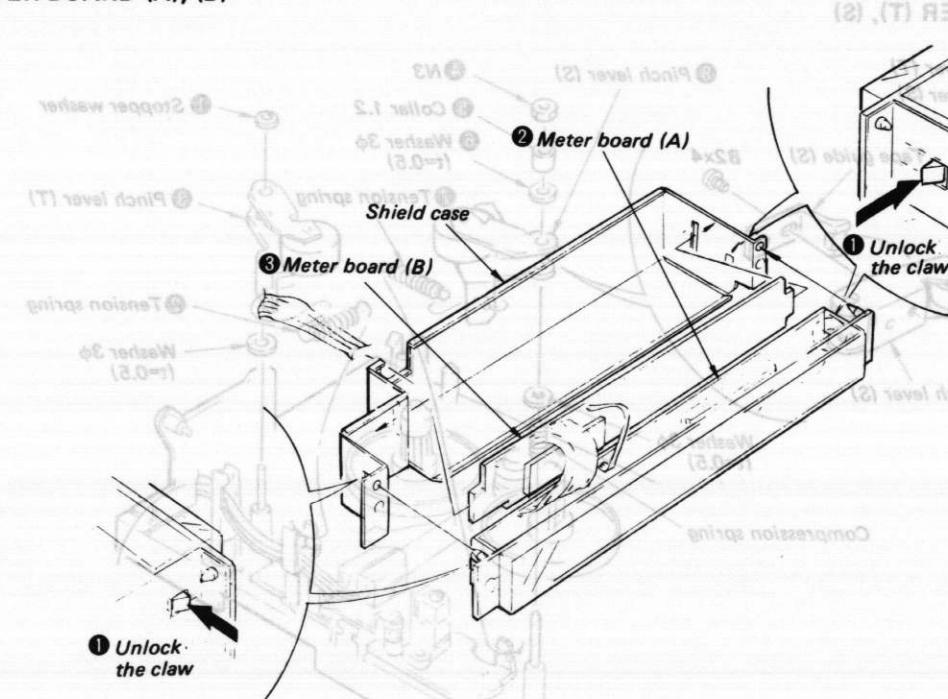
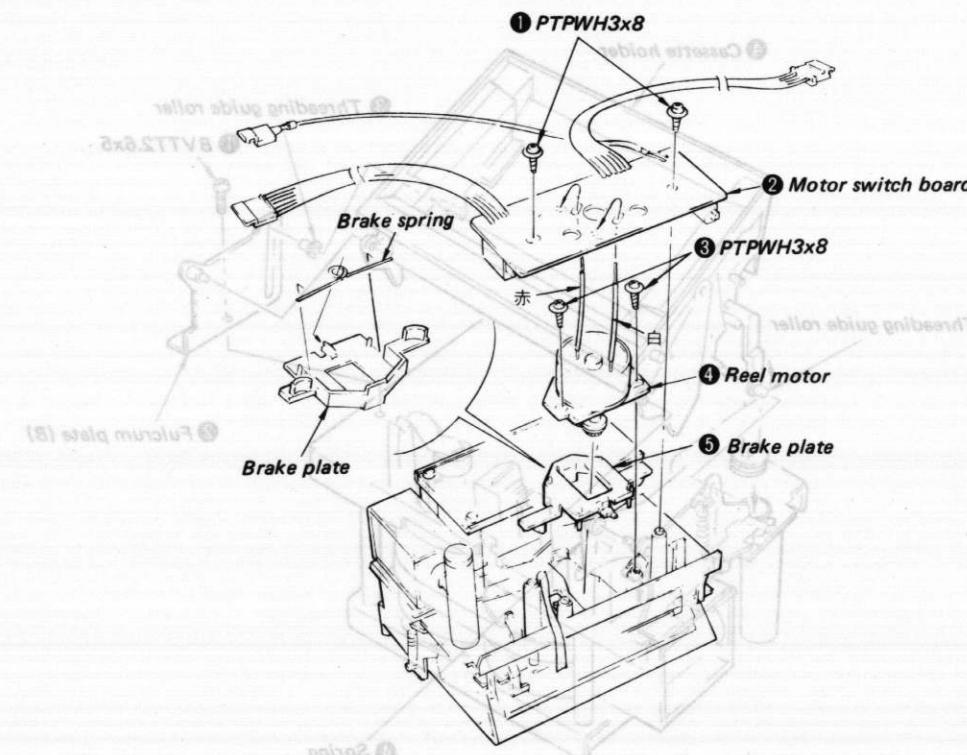
DISASSEMBLY

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



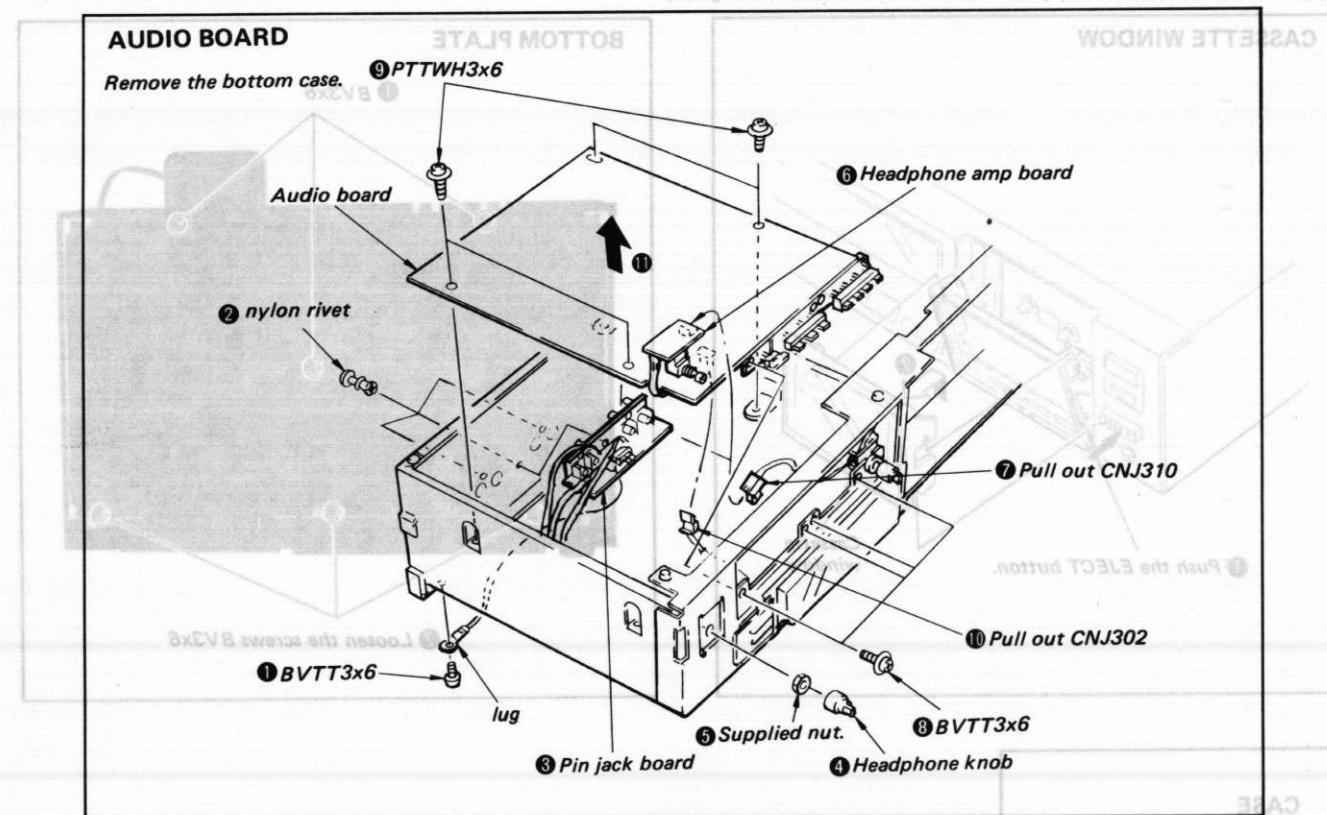
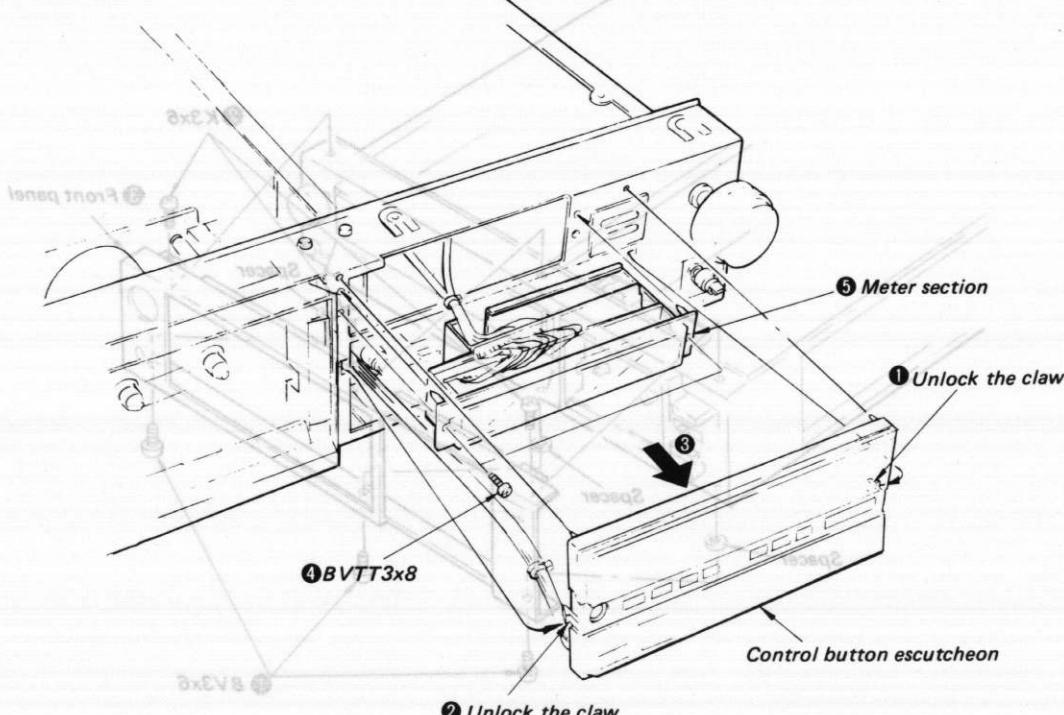
SECTION 5

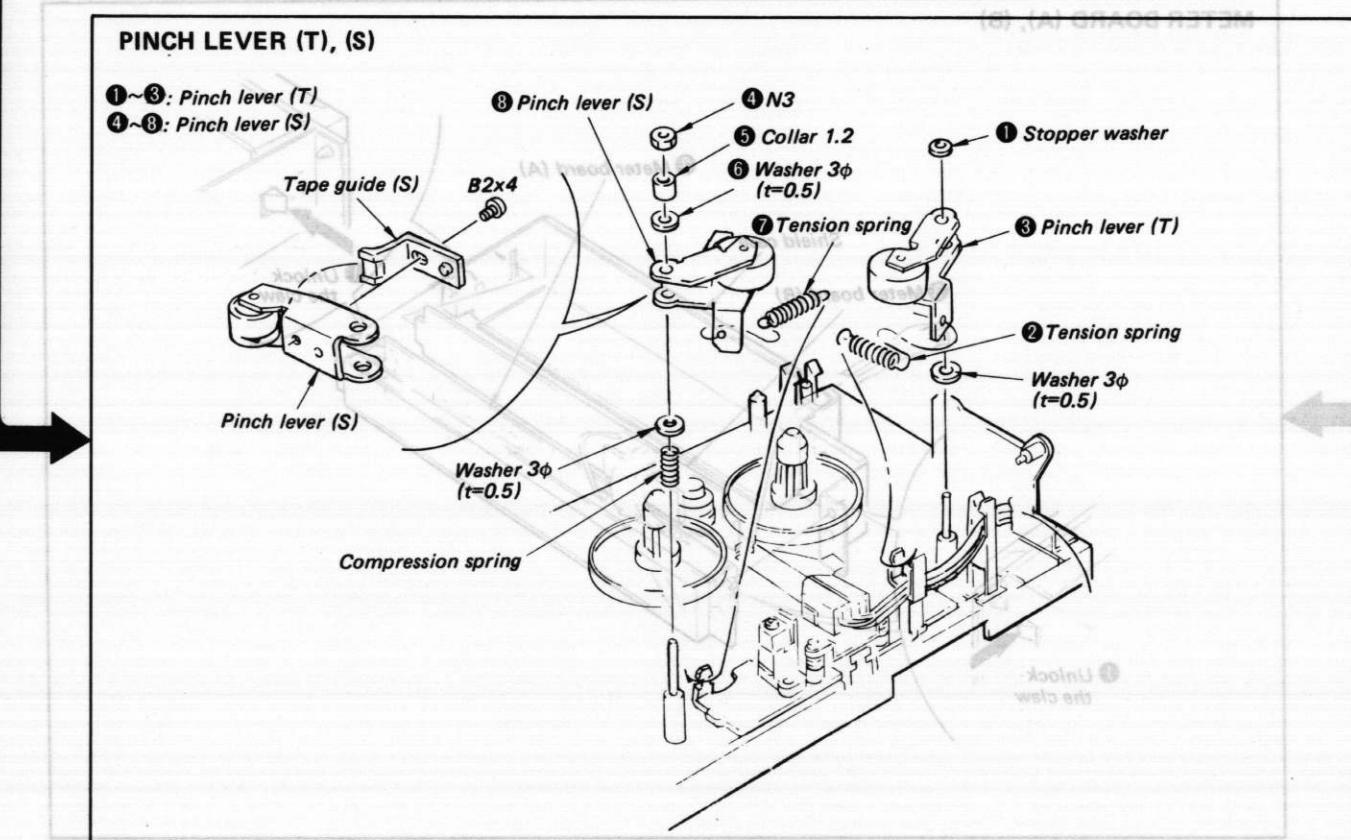
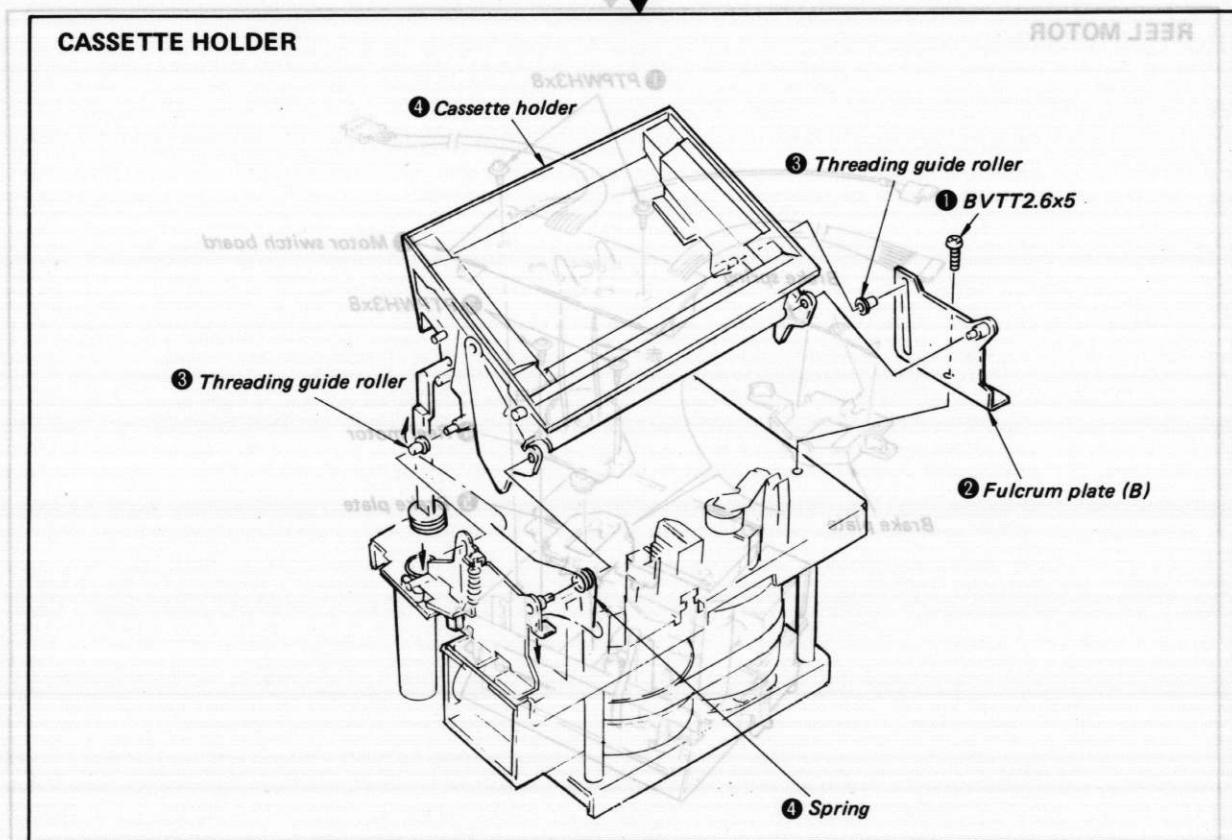
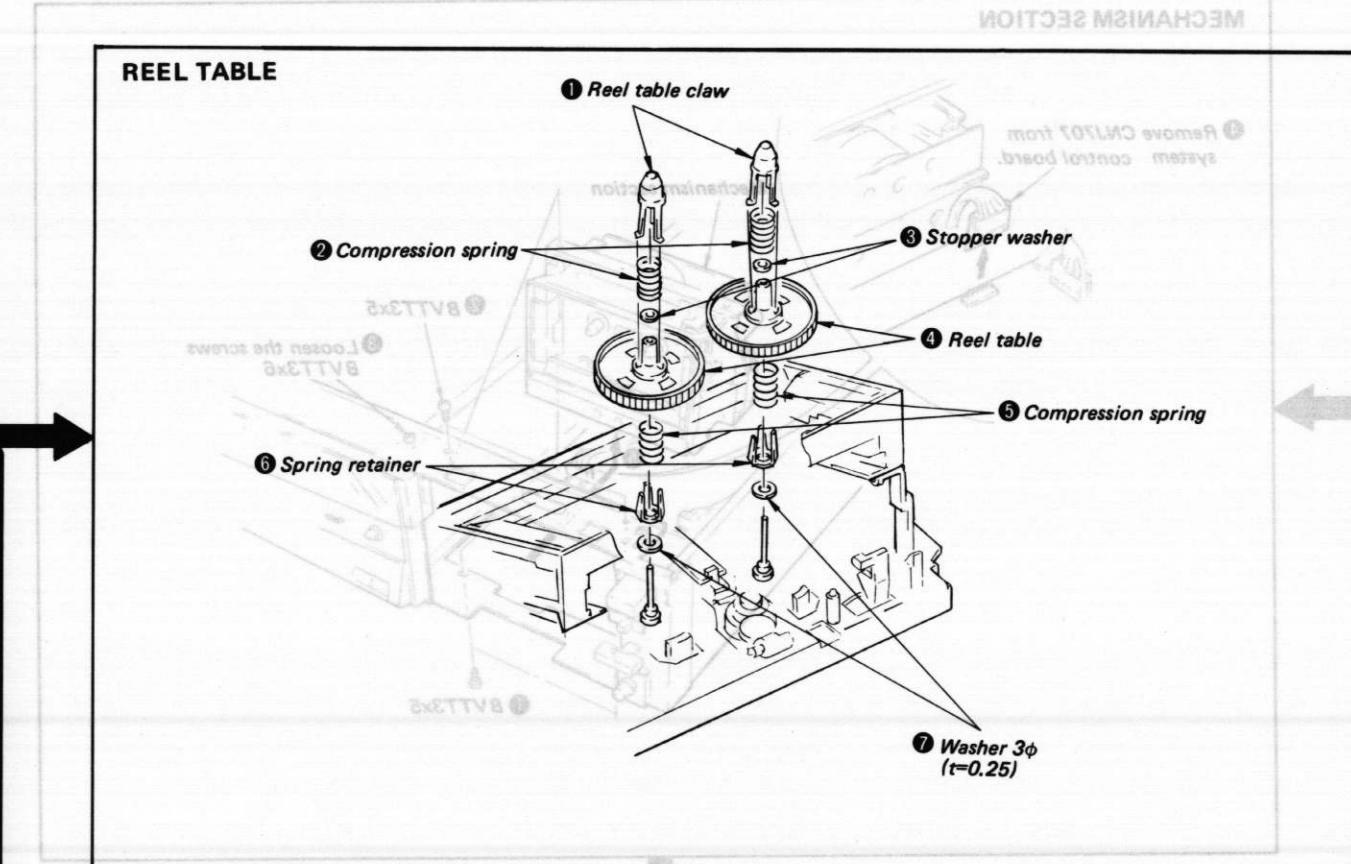
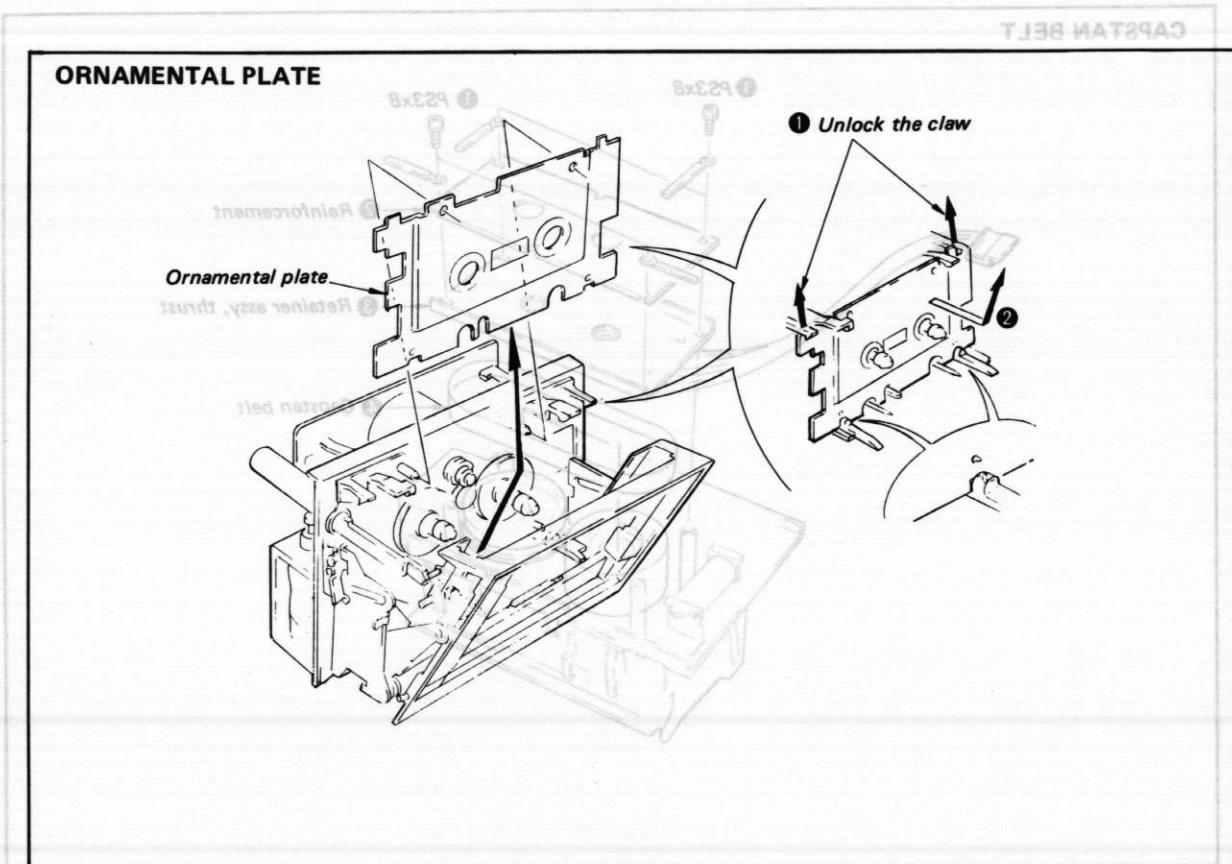


MECHANISM SECTION**CAPSTAN BELT****METER BOARD (A), (B)****REEL MOTOR**

TC-K555ESII**SECTION 5
DISASSEMBLY**

Note: Follow the disassembly sequence in the numbered order given.

**METER SECTION**

TC-K555ESII TC-K555ESII

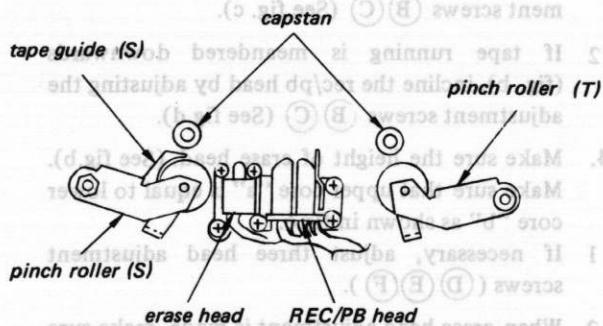
SECTION 3

ADJUSTMENTS

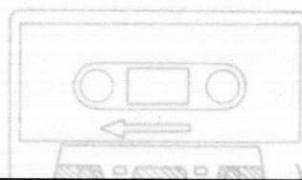
3-1 MECHANICAL ADJUSTMENTS

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

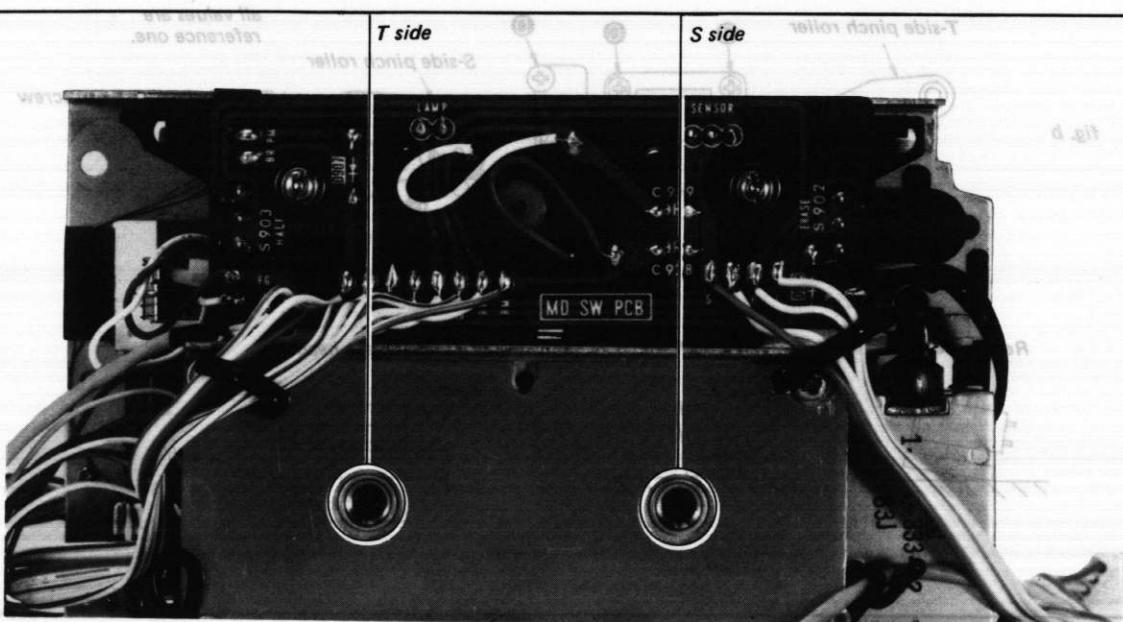
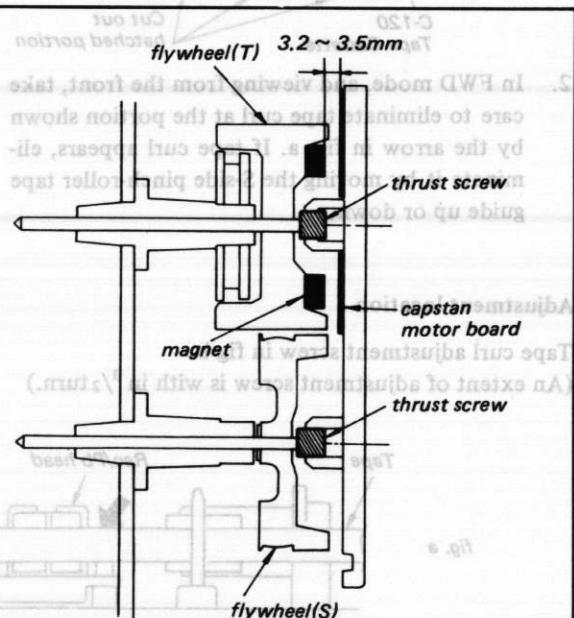
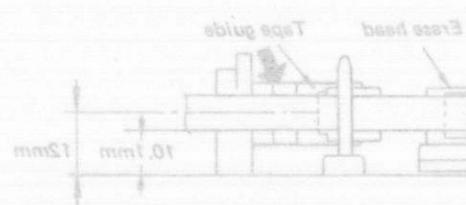
1. T-side flywheel thrust adjustment.

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 $\frac{1}{2}$ – $\frac{3}{4}$ turns from that position.

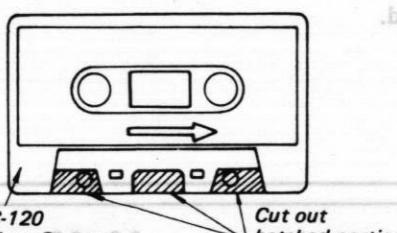
3. After the adjustment, lock the screws with locking compound.



SECTION 3
ADJUSTMENTS**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.



C-120 Tape Cassette Cut out hatched portion

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,em**

(An extent of adjustment screw is within $\frac{1}{2}$ turn.)

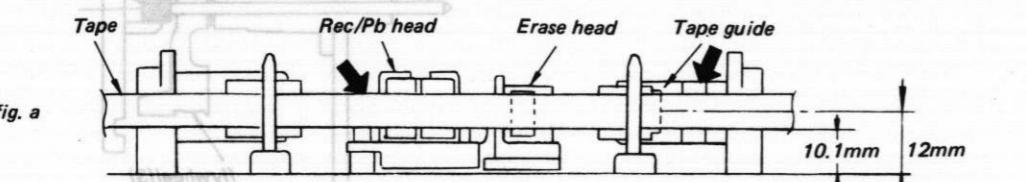


fig. a

all values are reference one.

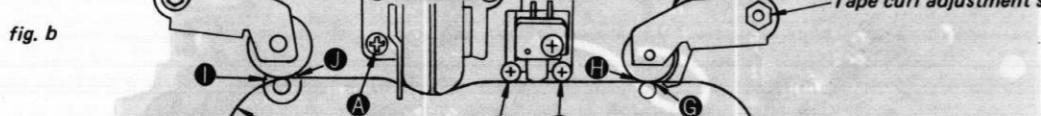


fig. b

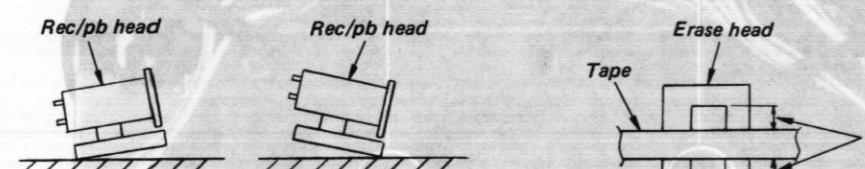


fig-c

fig-d

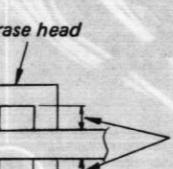


fig-e

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.

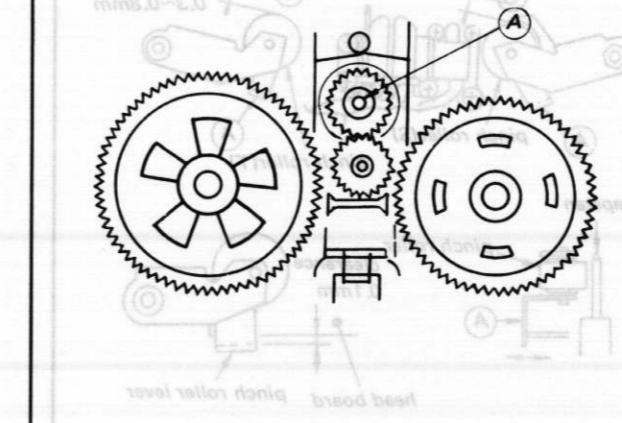
Forward Torque Adjustment

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.)

reel table (S side)

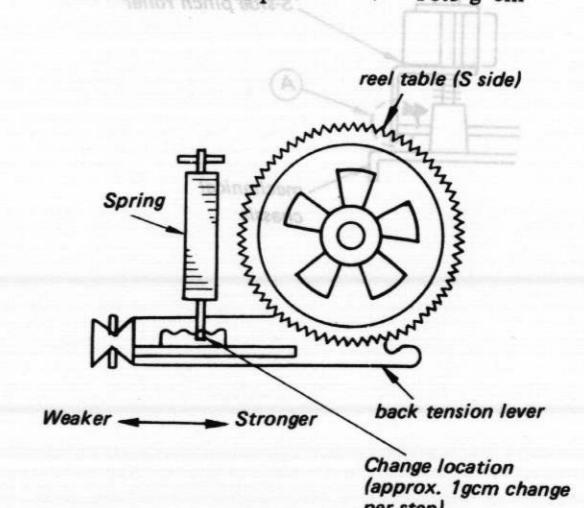


4. Next insert CQ-102C, and measure forward torque and back tension torque. If back tension torque is not within the specifications, change the location where the spring is hooked.

Specifications:

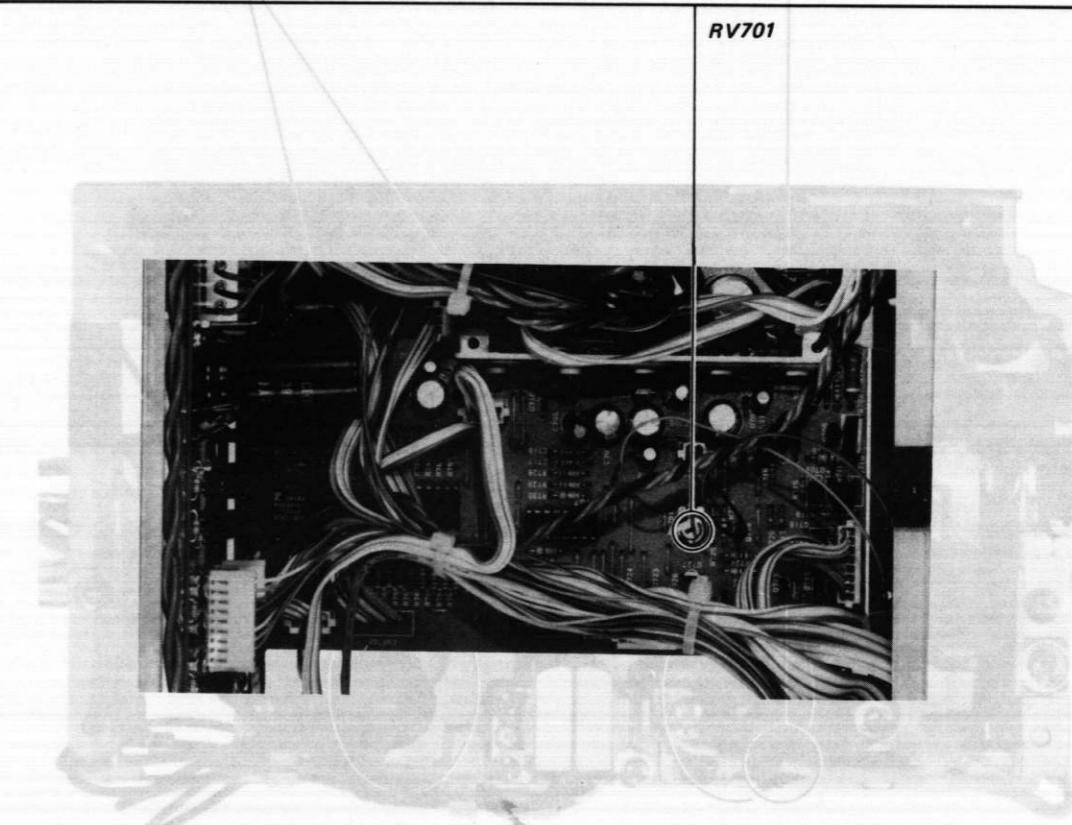
forward torque: 30 – 60 g·cm

back tension torque: 7 – 10.5 g·cm



Change location (approx. 1gcm change per step)

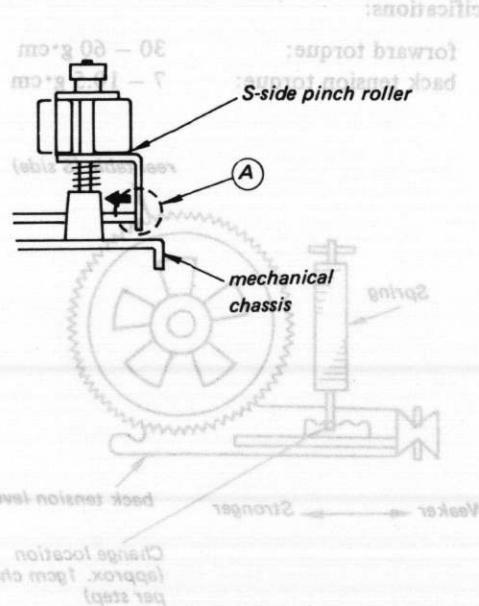
RV701



TC-K555ESⅢ

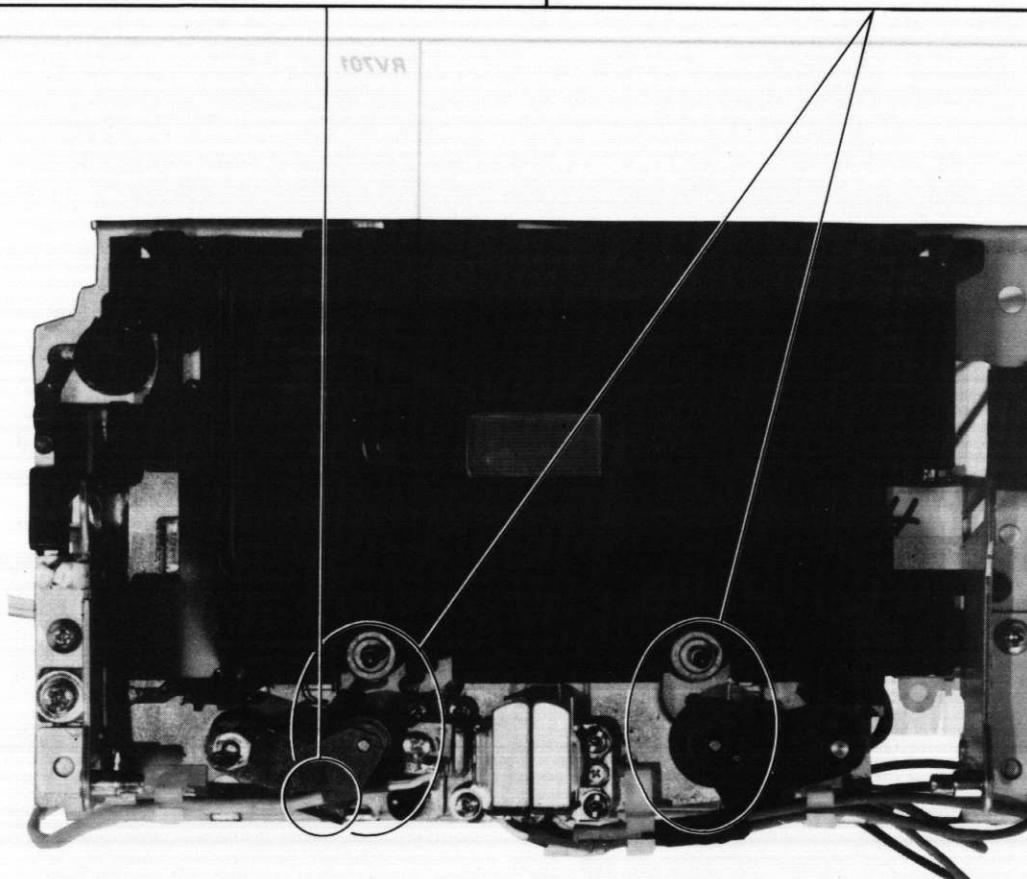
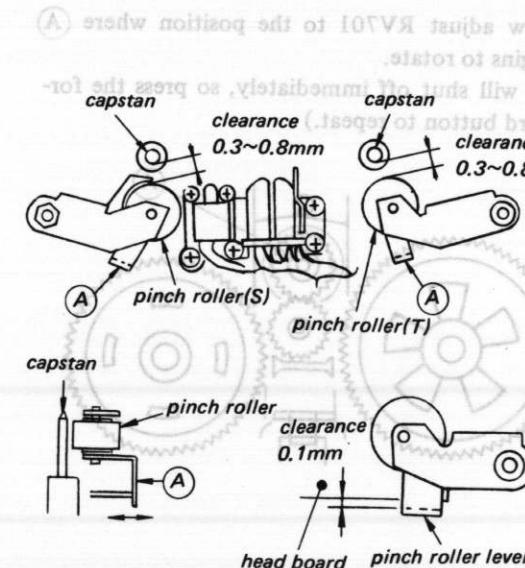
Pinch Roller Pressure Check

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

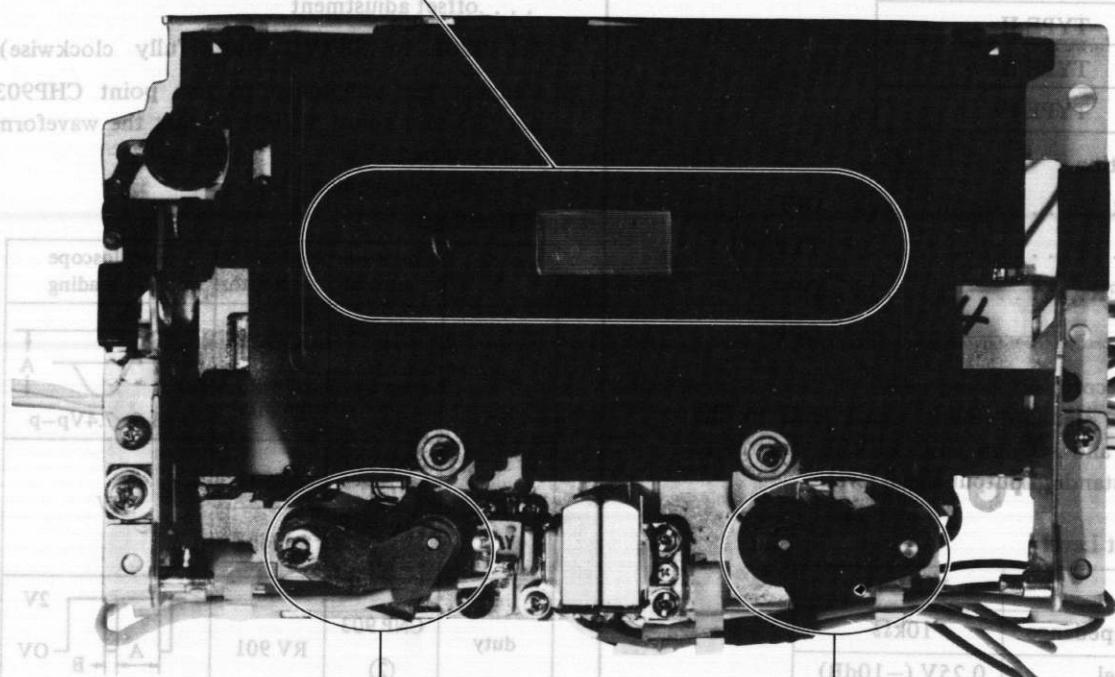


Pinch Roller Clearance Adjustment

1. Confirm that the clearance between the pin 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.



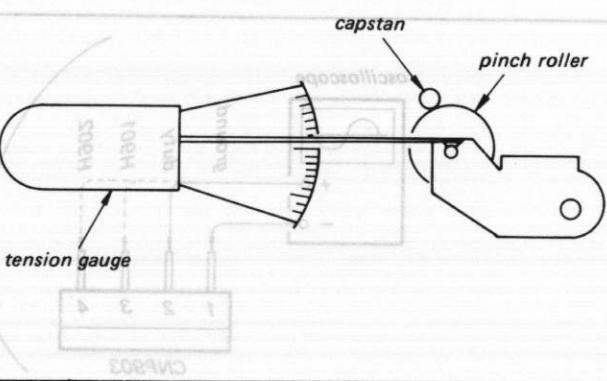
TORQUE	TORQUE METER	SPECIFICATION
FF, REW	CQ201B	60~120g·cm



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 NR OFF
 TAPE TYPE 1
 MPX FILTER OFF
 TIMER OFF

Standard Record:

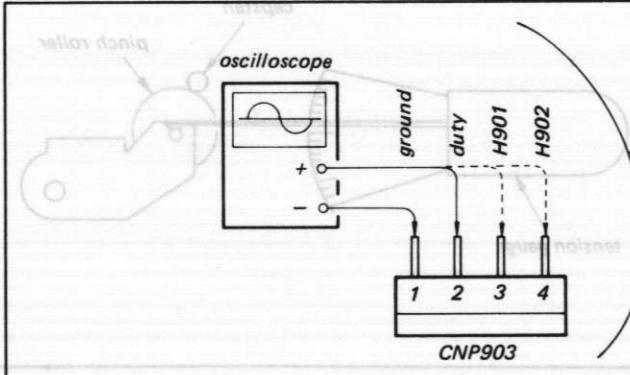
Deliver the standard input signal level to the input jack and set the REC LEVEL control to obtain the standard output signal level.

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:

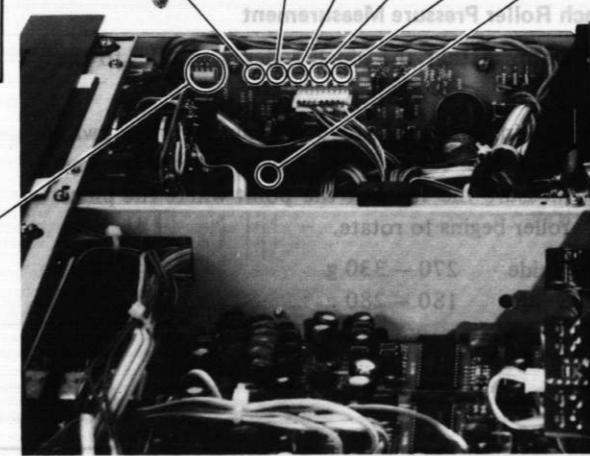
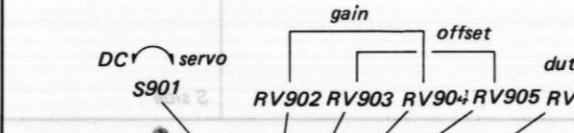
— Mode: stop —

- 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	
	CNP 903 ④	RV904	A=6.6~7.4Vp-p
offset	CNP 903 ③	RV903	OV
	CNP 903 ④	RV905	
duty	CNP 903 ②	RV 901	

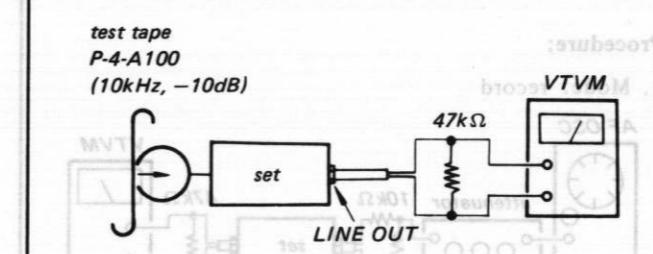
Adjustment location



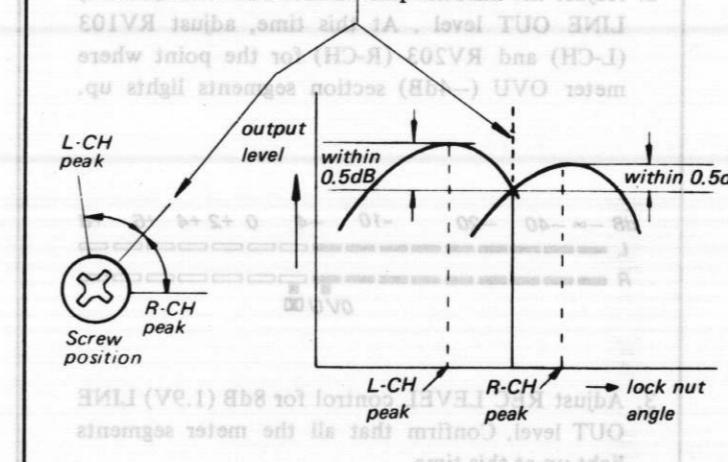
Playback Head Azimuth Adjustment

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.



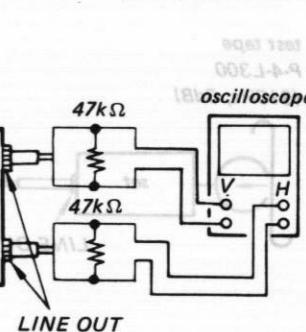
Adjustment Location:



Playback Level Adjustment

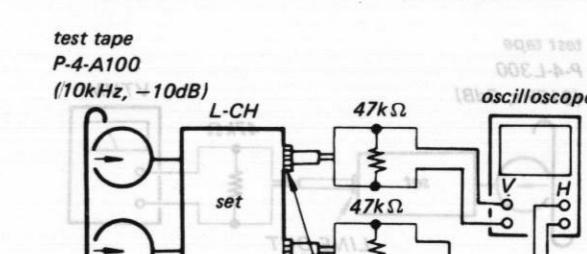
Procedure:

- Mode: playback

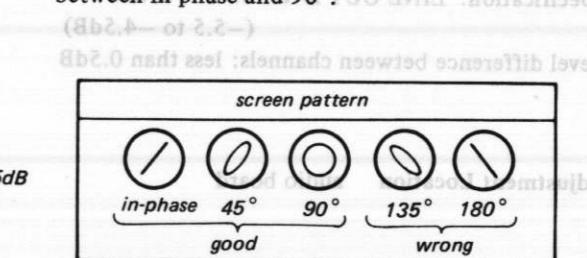


- Phase Check

Mode: playback



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

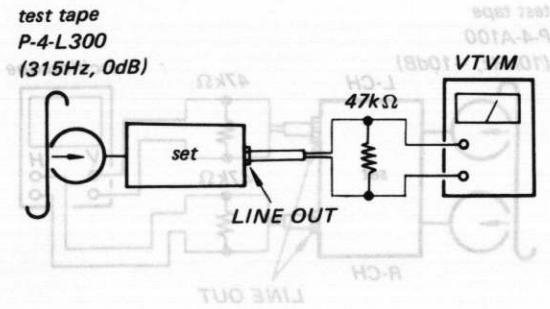


TC-K555ES II

Playback Level Adjustment

Procedure:

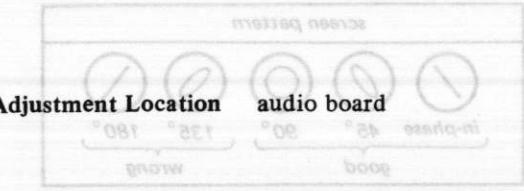
- ## 1. Mode: playback



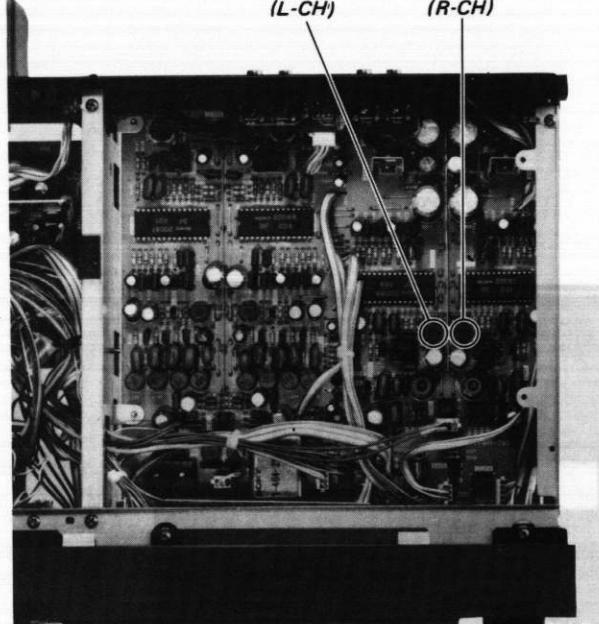
2. Adjust RV101 (L-CH) and RV201 (R-CH) to obtain the specified LINE OUT level.

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



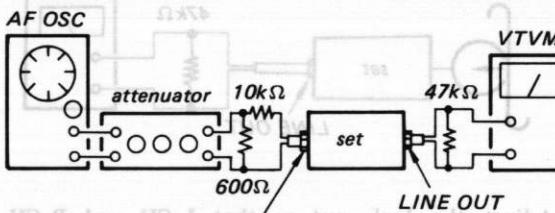
Meter Level Adjustment

Setting:

MONITOR switch: SOURCE

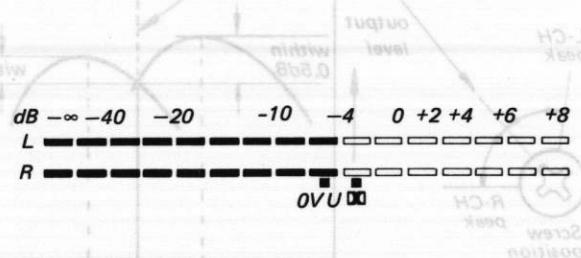
Procedure:

- ### 1. Mode: record



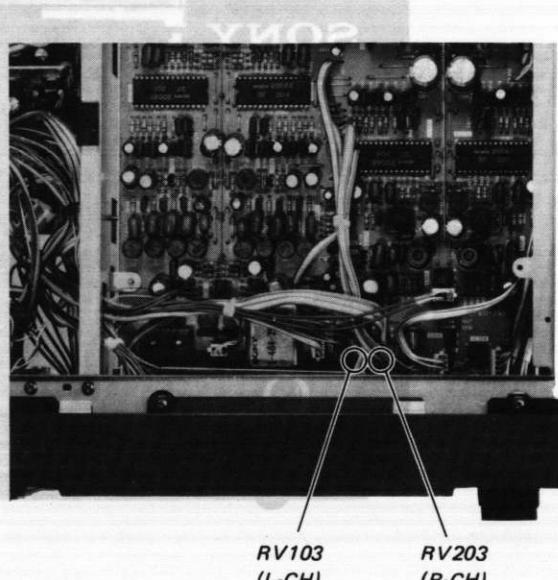
LINE IN 1kHz, 0.25V (-10dB) output is maximum points of I-CH and R-CH are not the same, adjust to LINE IN.

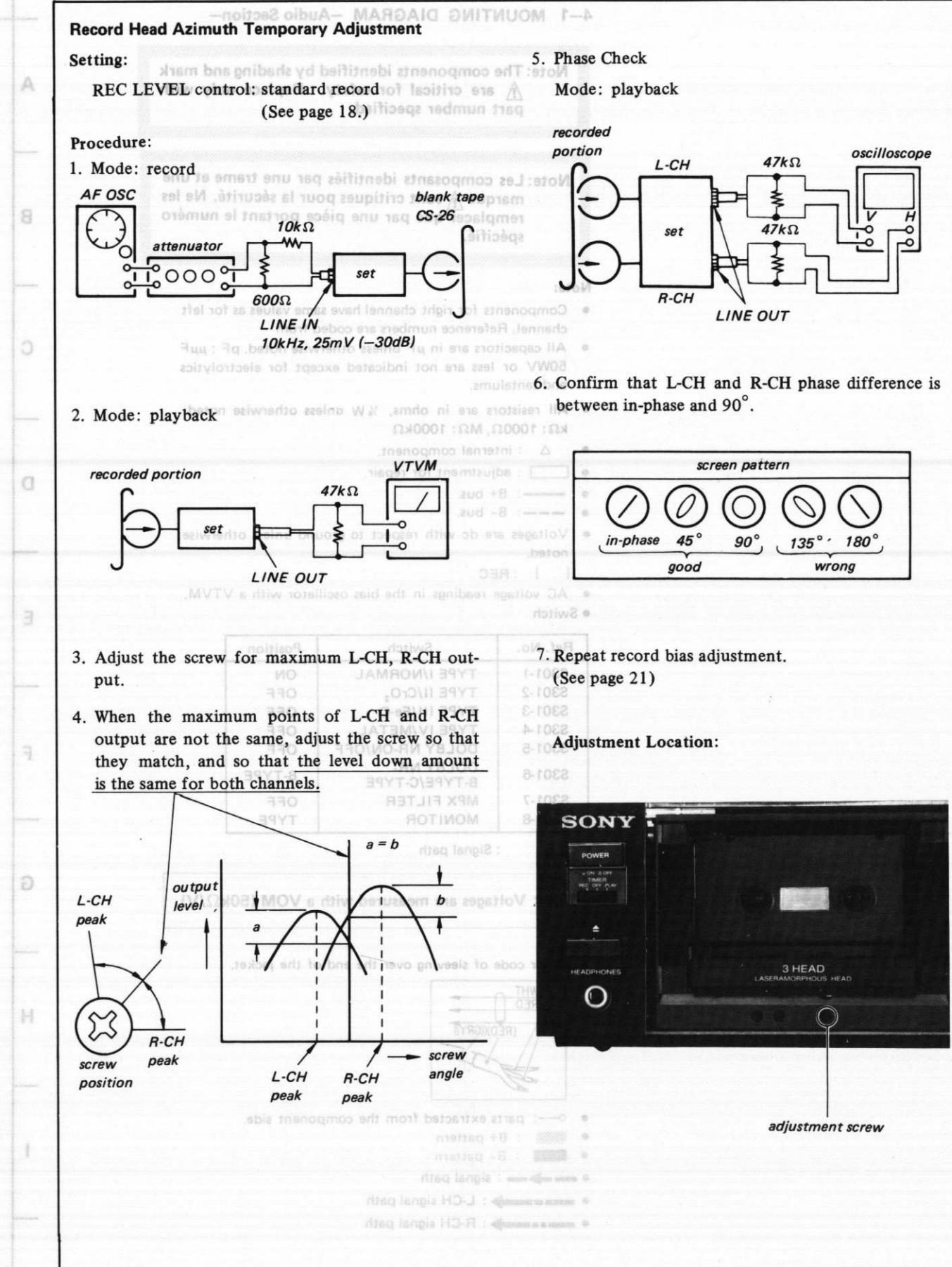
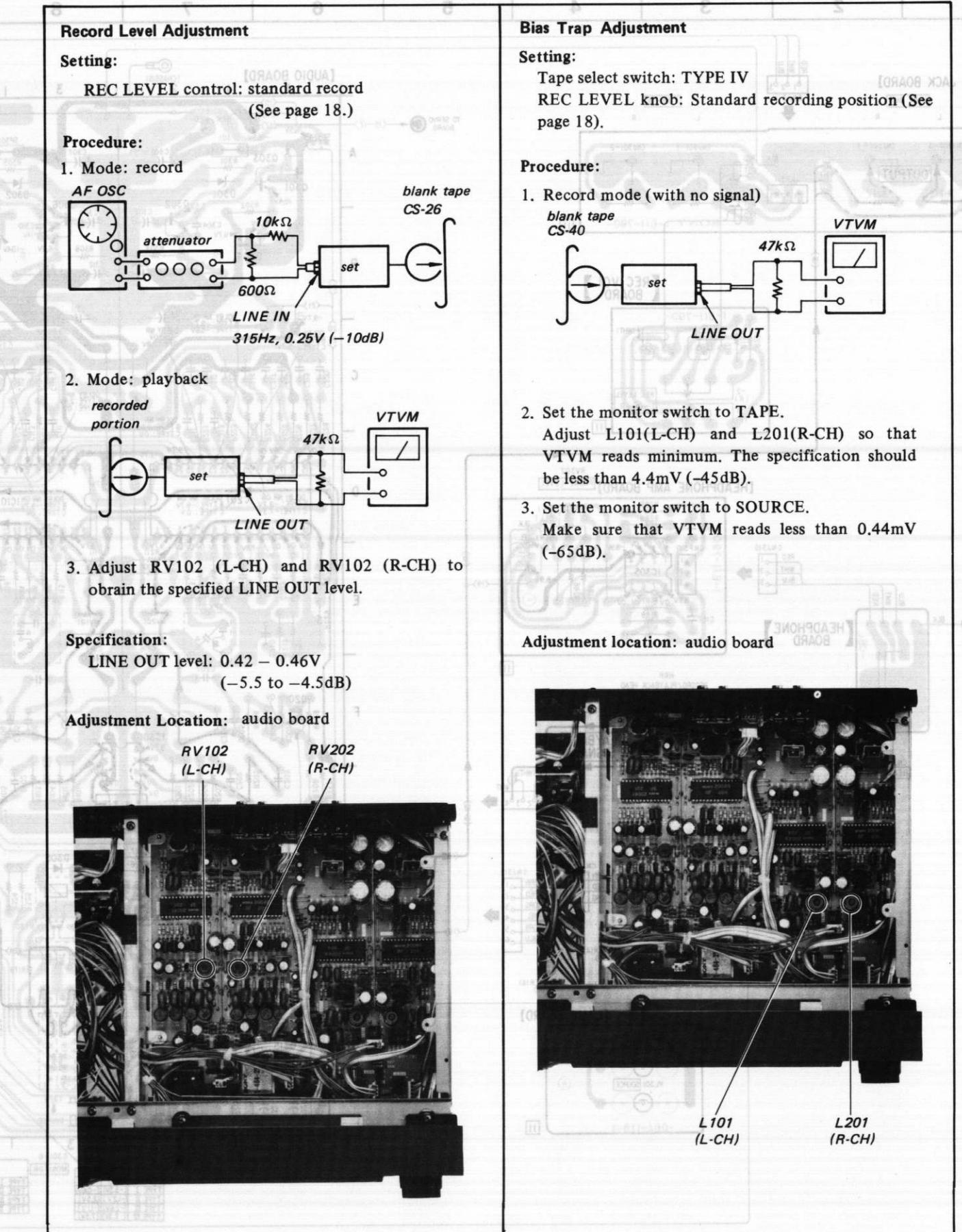
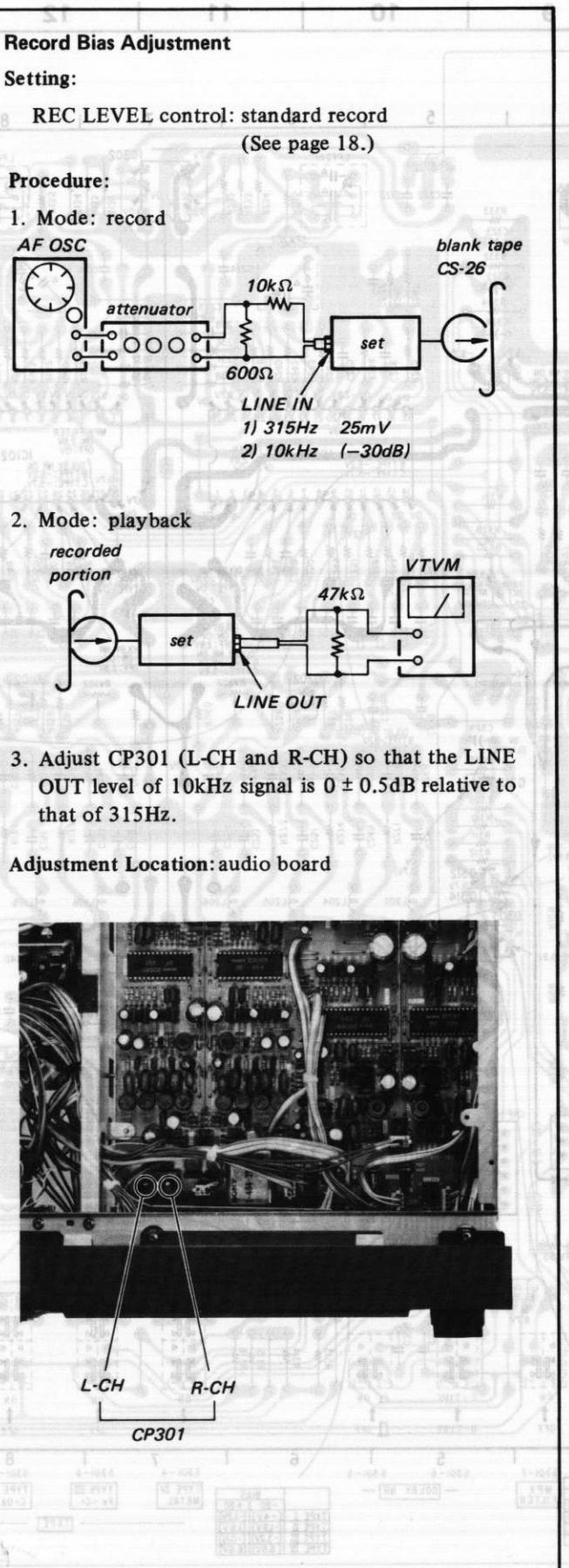
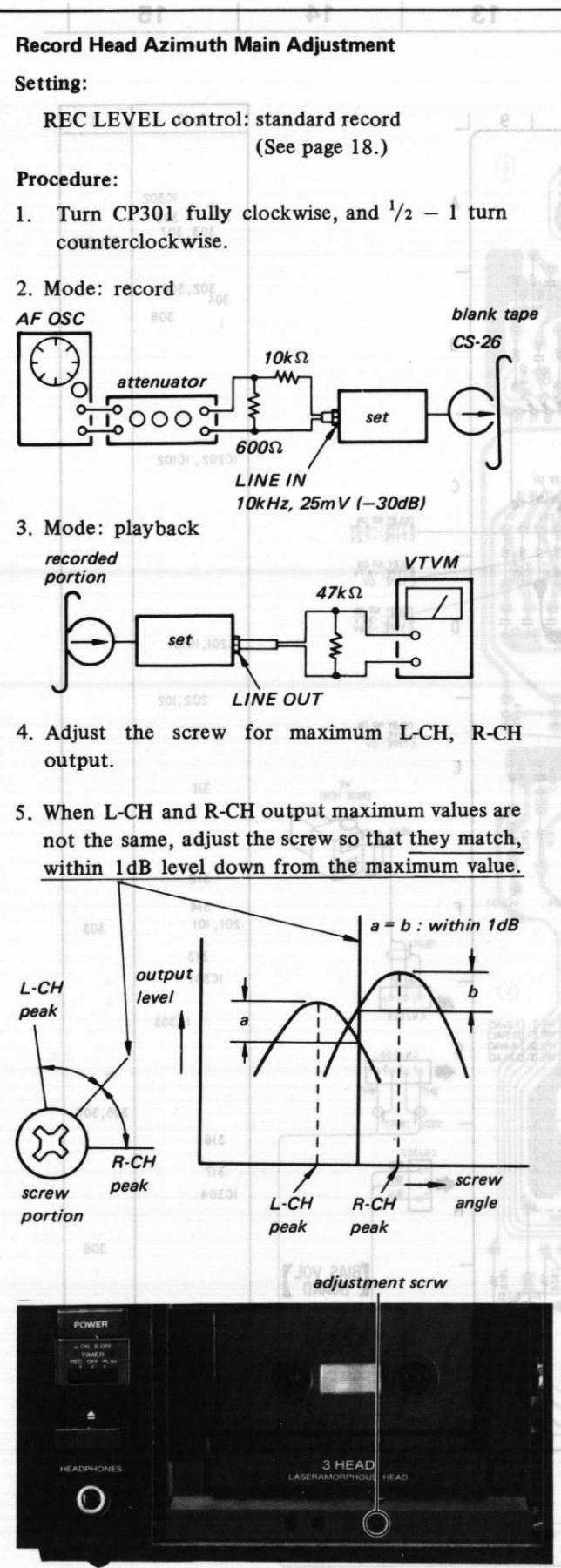
2. Adjust the RECLEVEL control for -5dB (0.44V) LINE OUT level . At this time, adjust RV103 (L-CH) and RV203 (R-CH) for the point where meter OVU (-4dB) section segments lights up.



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

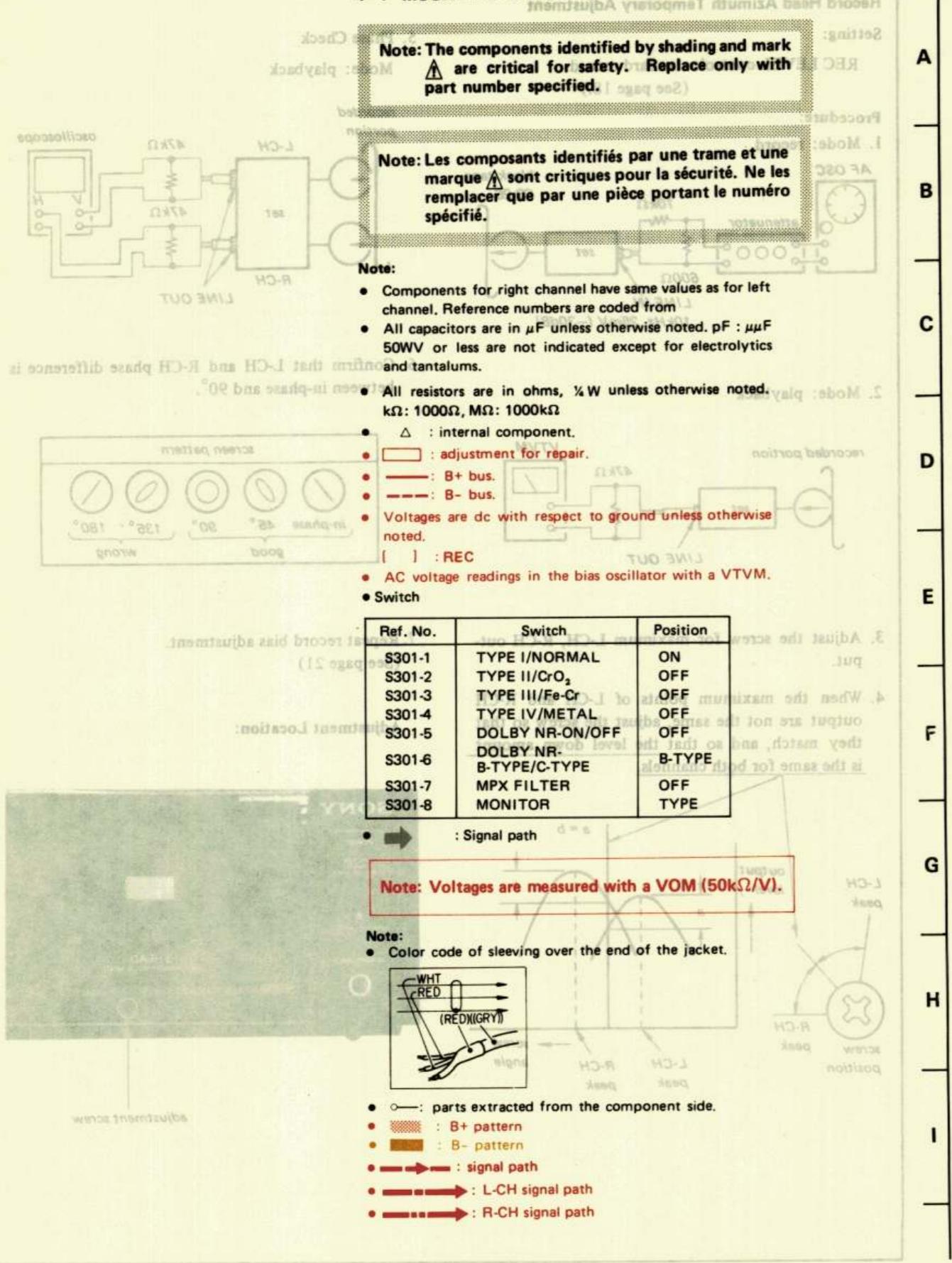
Adjustment Location: audio board



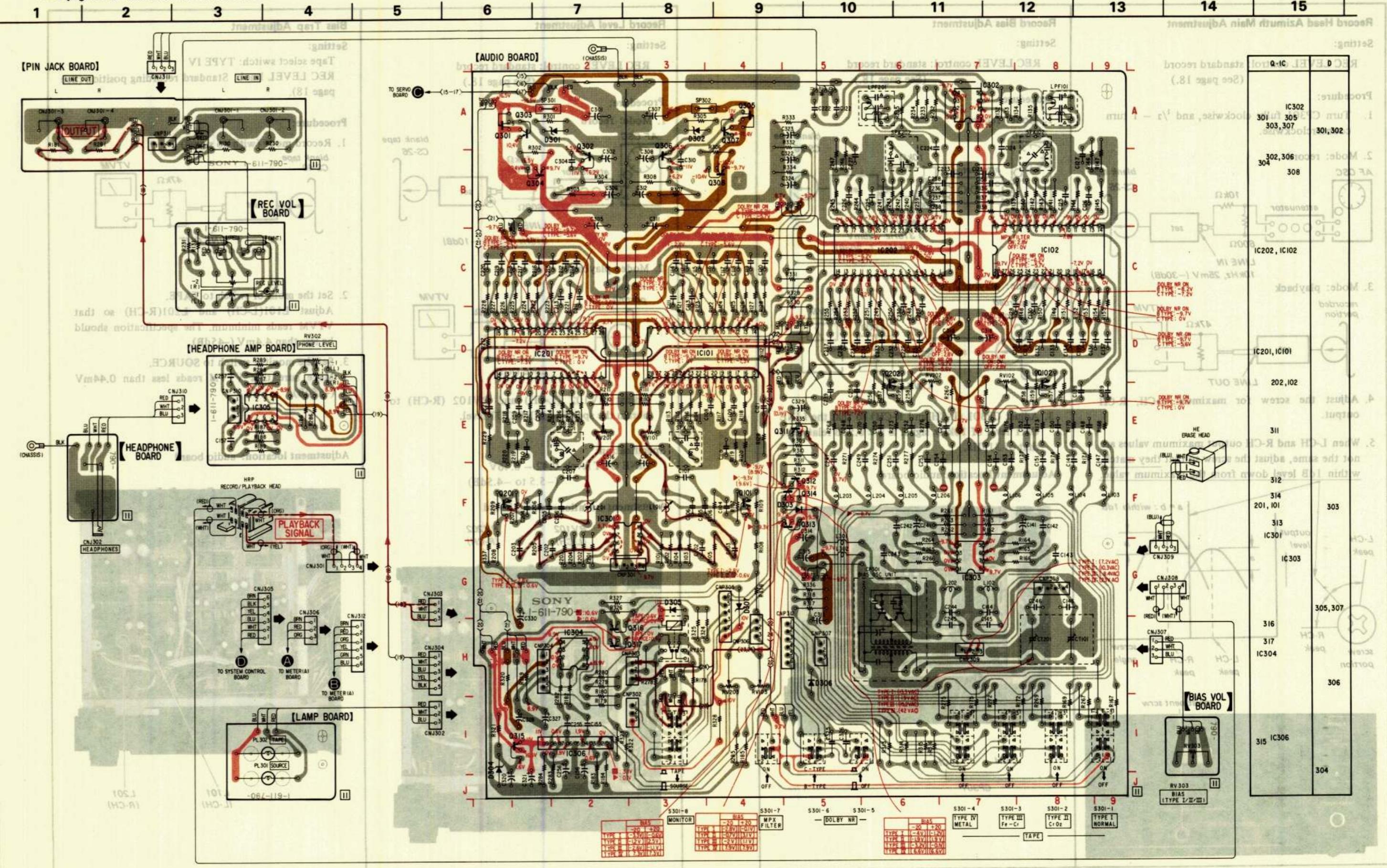


SECTION 4 DIAGRAMS

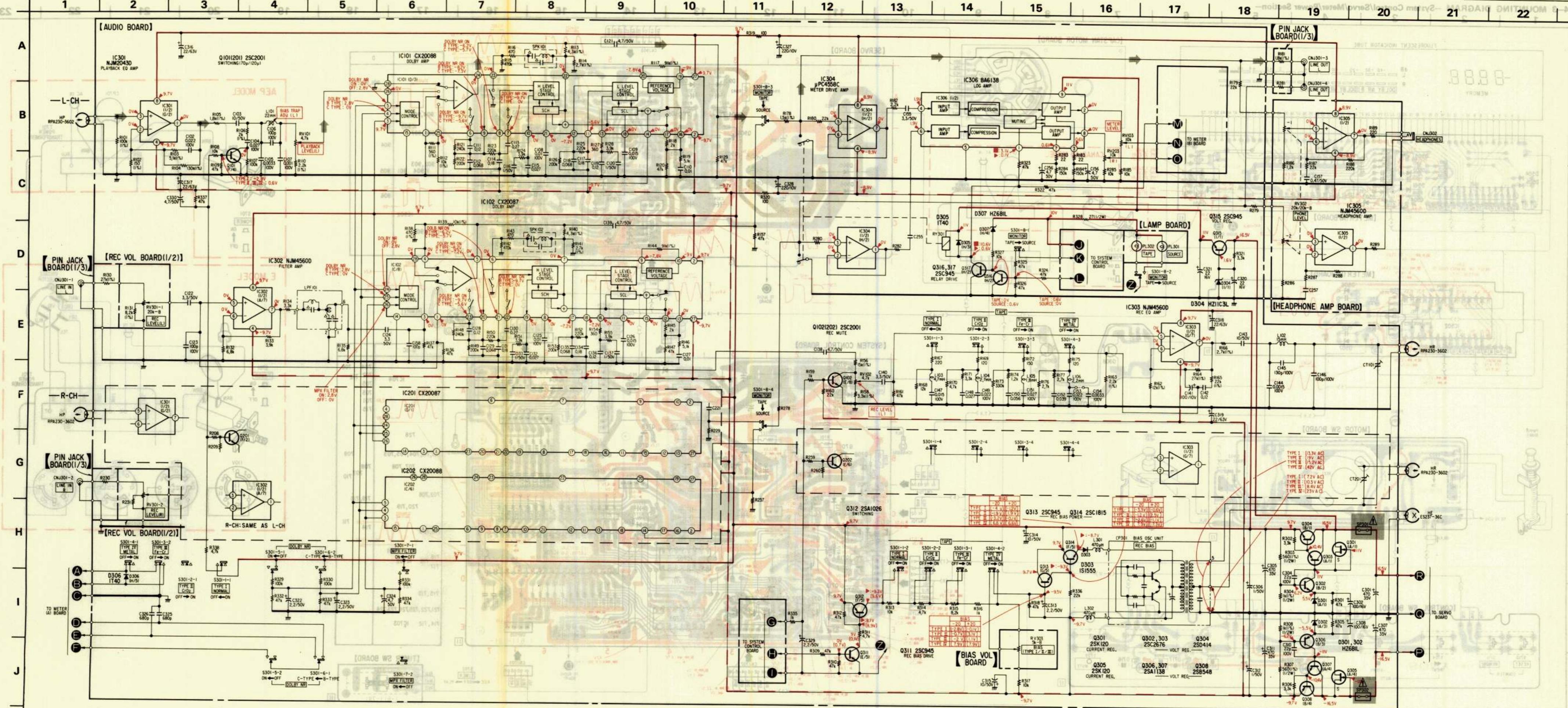
4-1 MOUNTING DIAGRAM -Audio Section-



• See page 39 for Semiconductor lead layout.

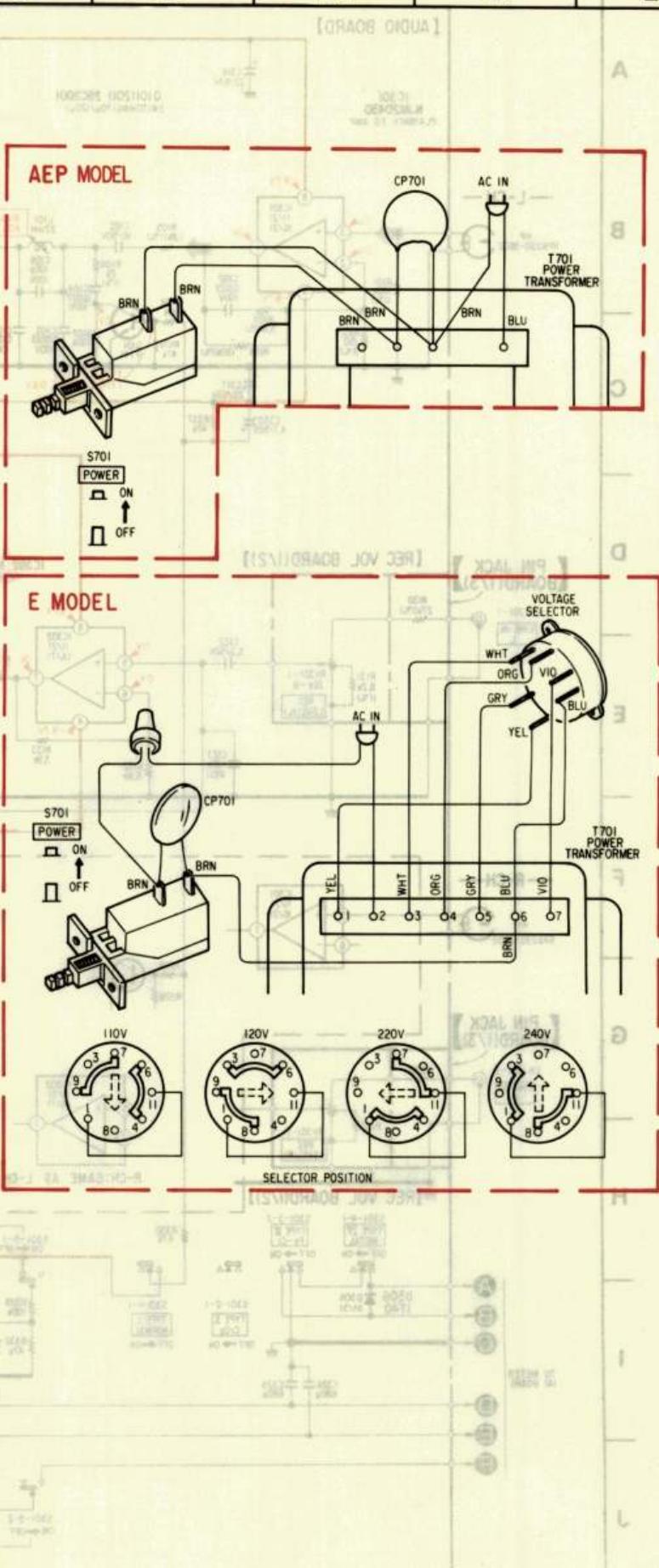
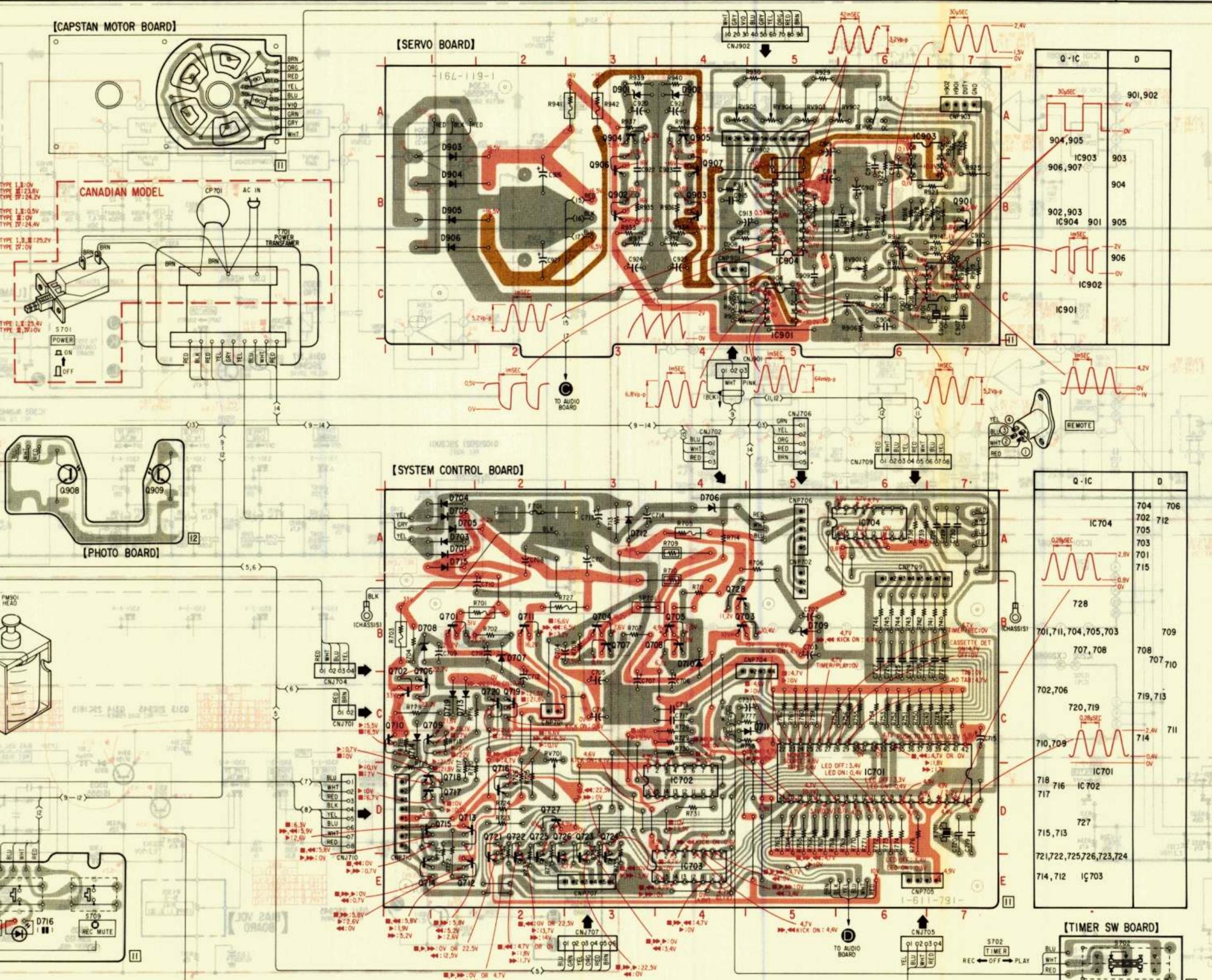
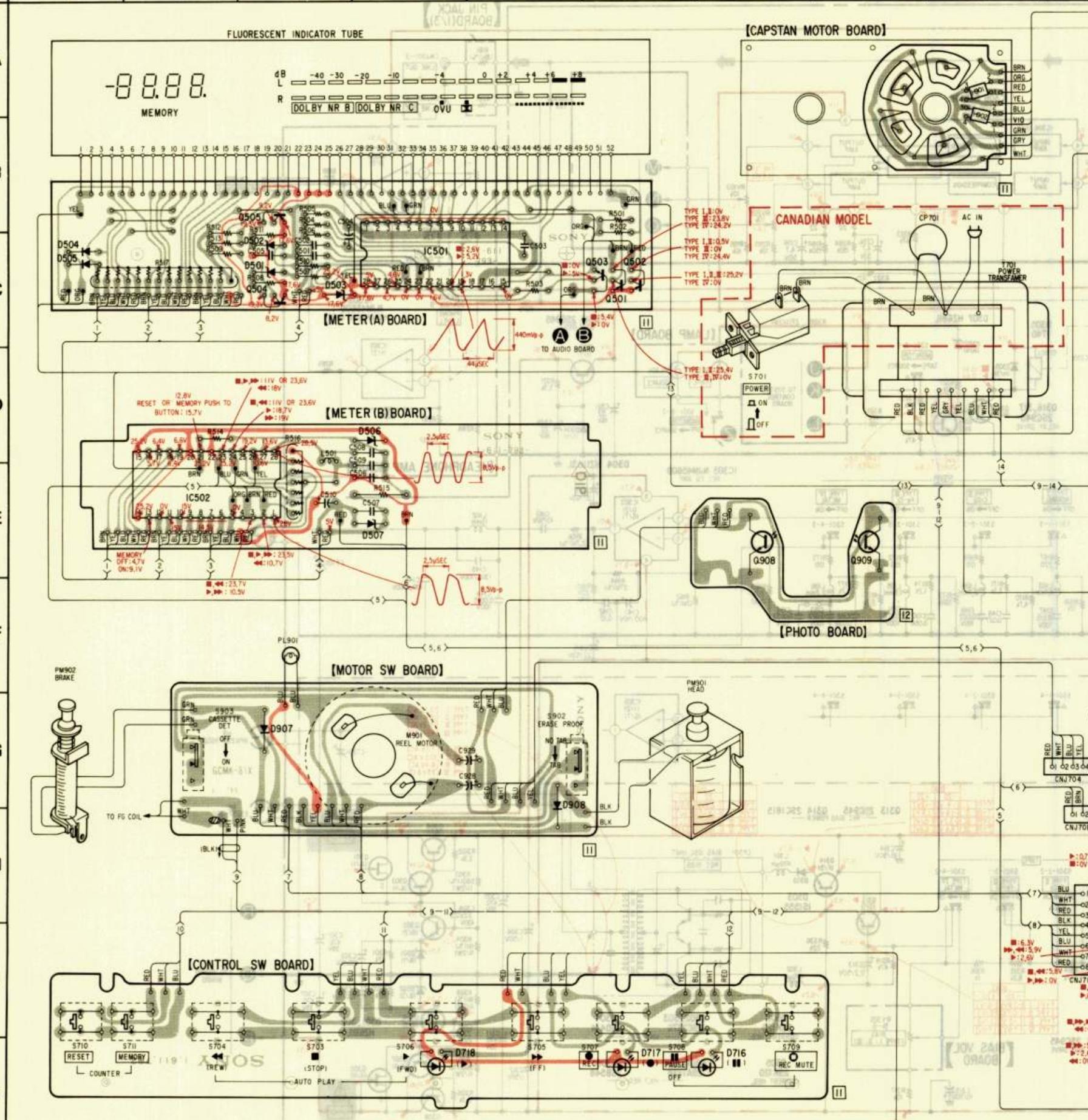


4-2 SCHEMATIC DIAGRAM —Audio Section—



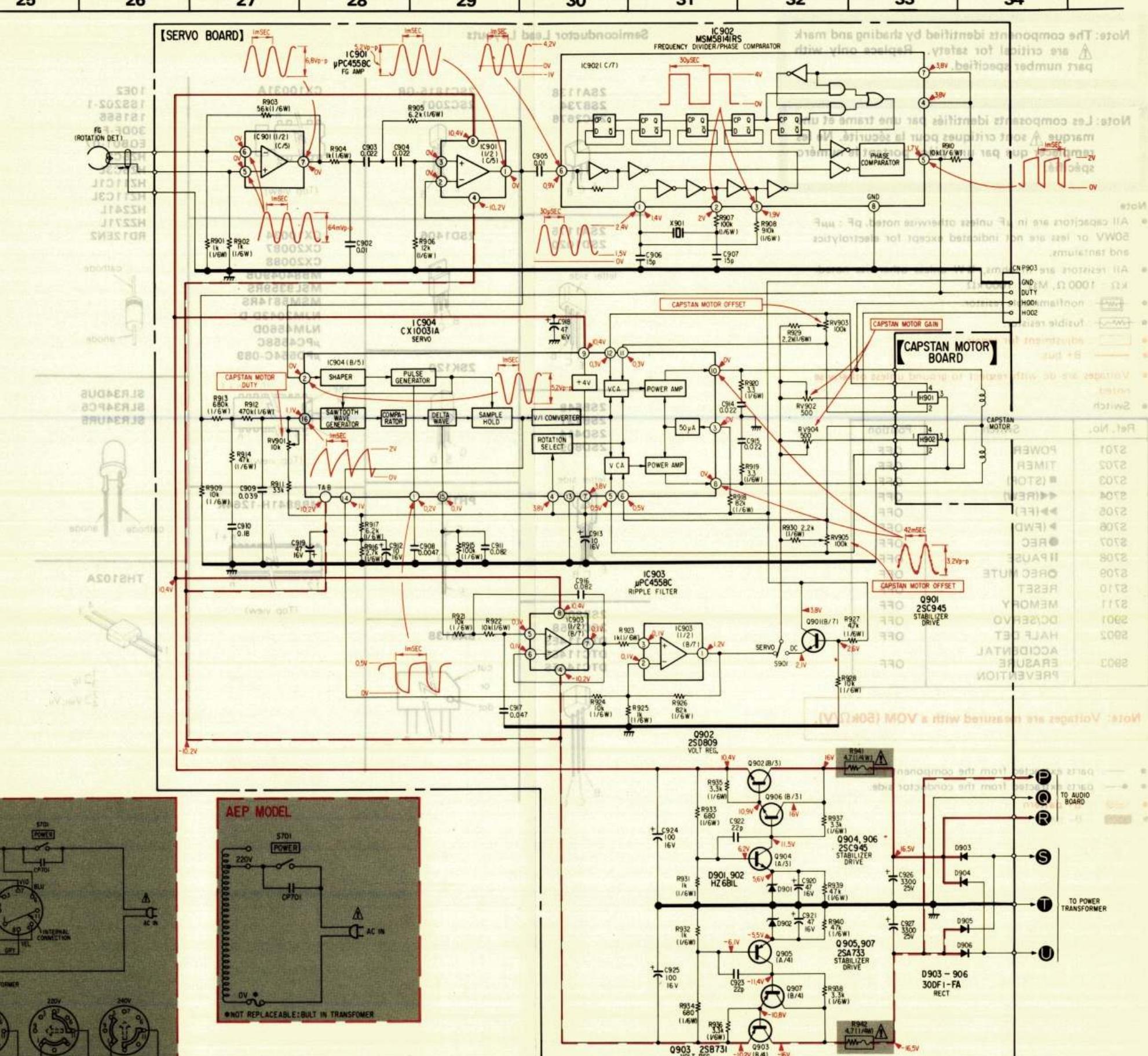
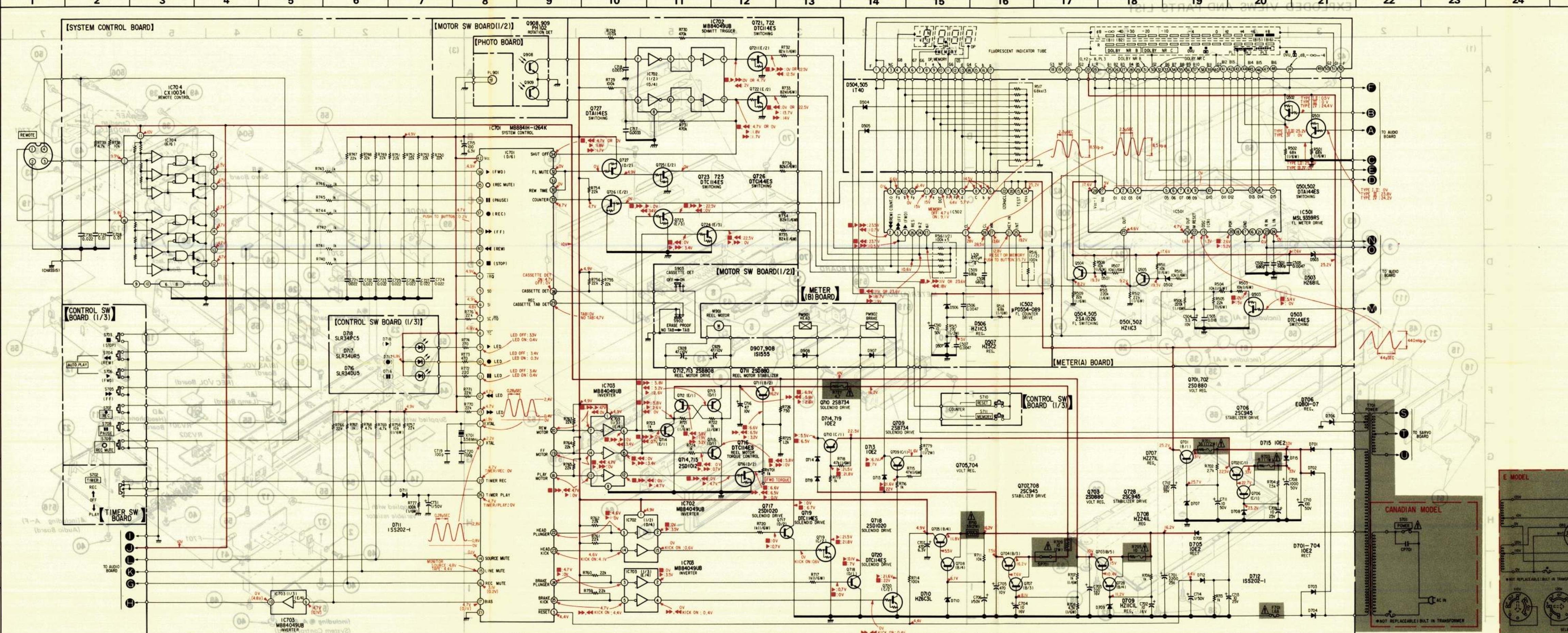
4-3 MOUNTING DIAGRAM —System Control/Servo/Meter/Power Section—

1 2 3 4



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

1 3 3 1 5



TC-K555ESII

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. $\text{pF} : \mu\text{F}$
 50V or less are not indicated except for electrolytics and tantalums.
 • All resistors are in ohms, $\frac{1}{4}\text{W}$ unless otherwise noted.
 $1\text{k}\Omega : 1000\Omega$, $1\text{M}\Omega : 1000\text{k}\Omega$
 • 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	■ PAUSE	OFF
S709	● REC MUTE	OFF
S710	MEMORY	OFF
S711	RESET	OFF
S901	DC/SERVO	OFF
S902	HALF DET	OFF
S903	ACCIDENTAL ERASURE PREVENTION	OFF

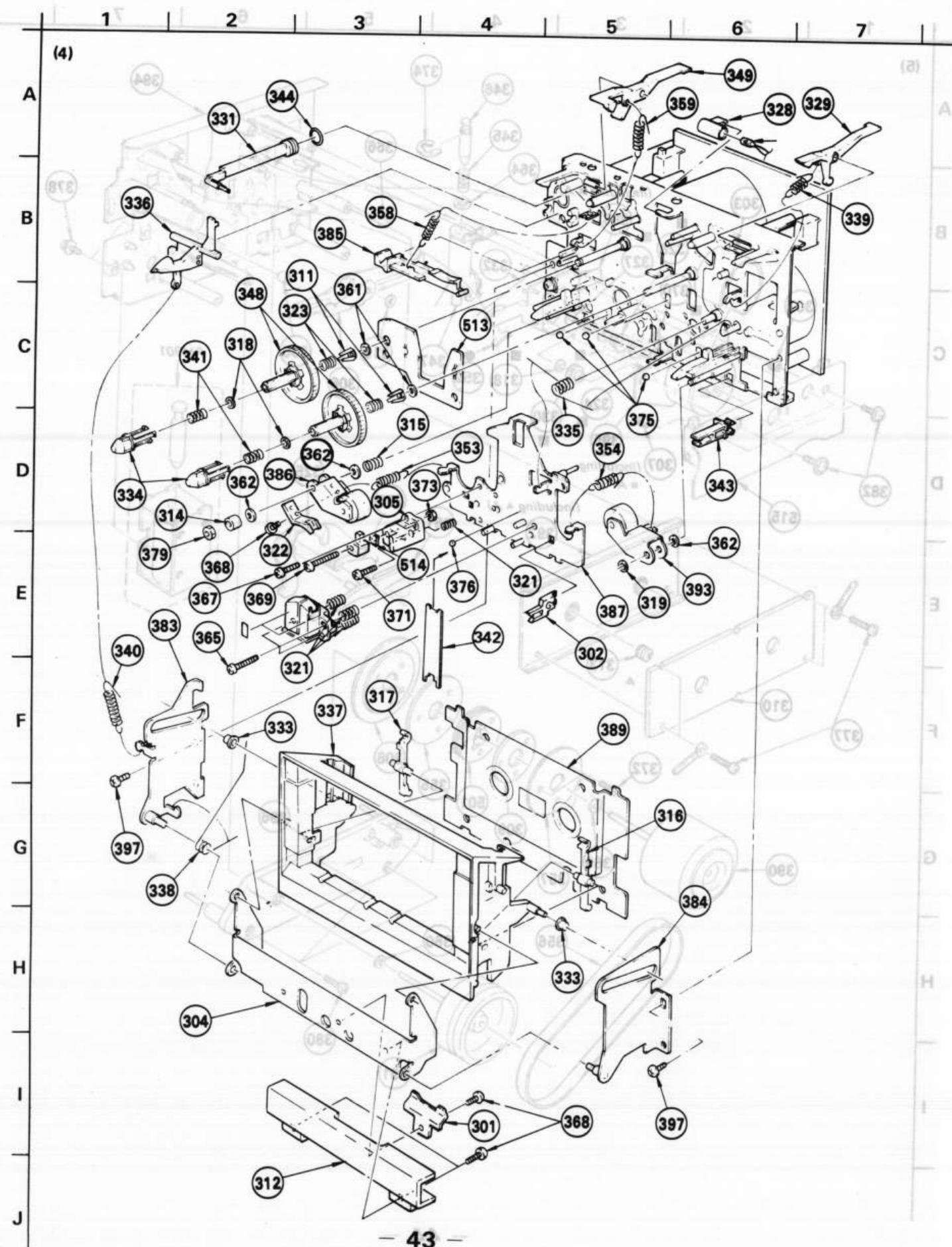
Note: Voltages are measured with a VOM (50k Ω /V).

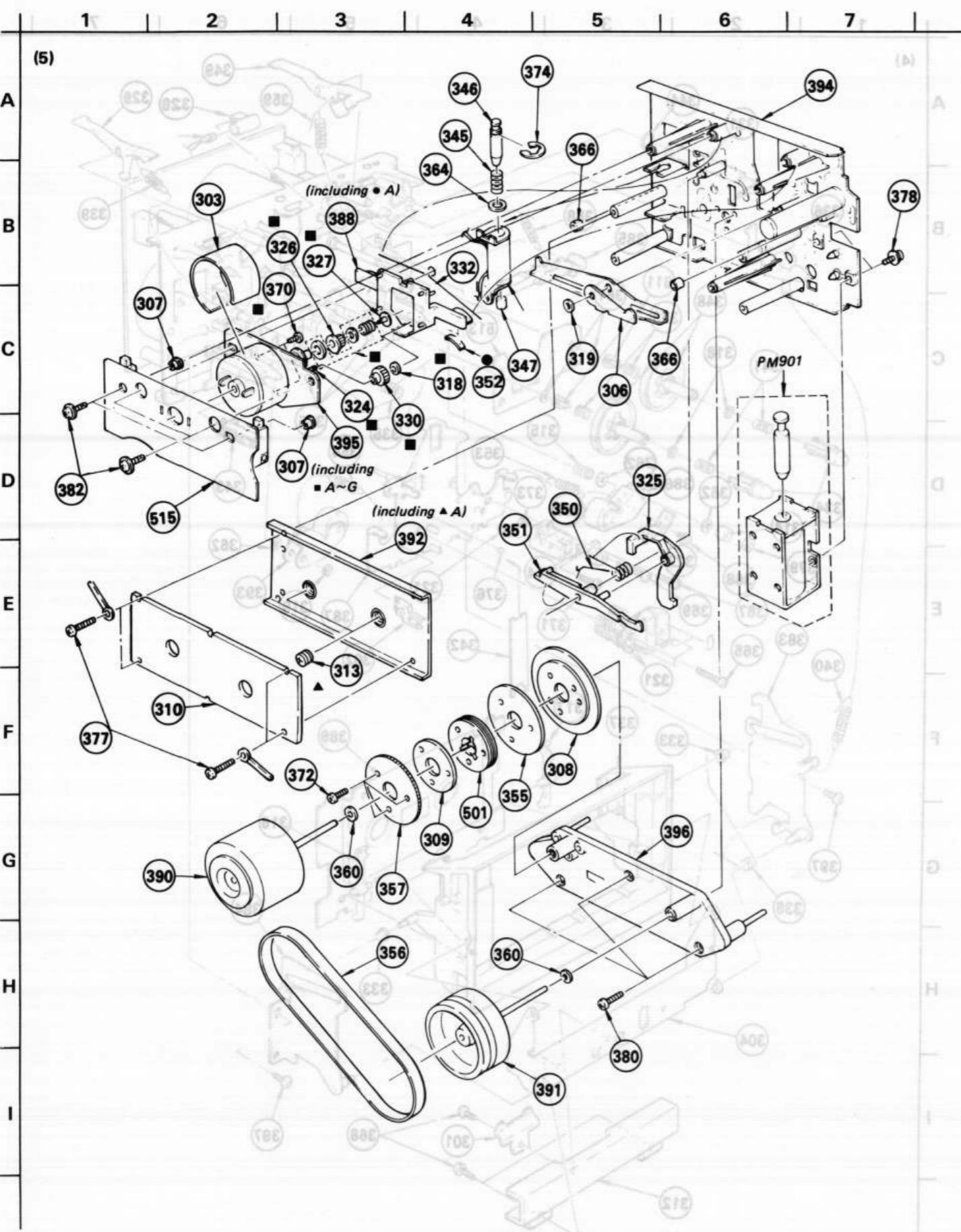
- parts extracted from the component side.
- parts extracted from the conductor side.

● B+ pattern

■ B+ pattern

Semiconductor Lead Layouts





GENERAL SECTION			MECHANICAL SECTION			GENERAL SECTION		
No.	Part No.	Description	No.	Part No.	Description	No.	Part No.	Description
1	2-259-121-00	SCREW, TR. 2.6X4	101	4-864-307-00	RING CORD, CONNECTOR	101	I-222-124-11	CORD, CONNECTOR
2	2-371-561-00	BUSHING (P), INSULATING	102	7-621-775-10	SCREW +B 2.6X4	102	3-301-322-00	SHIELD
3	3-304-419-31	BUTTON, EJECT	103	7-622-207-05	N 2.6, TYPE 2	103	3-301-323-00	SHIELD
4	*3-304-911-00	SLIDER, EJECT	104	7-682-247-09	SCREW +K 3X6	104	10-000-000-00	SHIELD
5	3-304-926-11	KNOB (A), PUSH	105	7-682-546-09	SCREW +B 3X5	105	10-000-000-00	SHIELD
6	3-304-927-11	KNOB (B), PUSH	106	7-682-547-09	SCREW +B 3X6	106	10-000-000-00	SHIELD
7	3-304-929-11	KNOB, HEADPHONE	107	7-682-949-09	SCREW +PSW 3X10	107	10-108-000-00	SHIELD
8	3-304-930-11	KNOB, BIAS	108	7-683-412-05	BOLT, HEXAGON SOCKET 2.6X6	108	10-008-000-00	SHIELD
9	*3-304-935-00	CASE, SHIELD	109	7-685-134-19	SCREW +BTP 2.6X8 TYPE2 N-S	109	10-008-000-00	SHIELD
10	*3-304-938-00	HOLDER, FL TUBE	110	7-685-146-14	SCREW +P 3X8 TYPE2 SLIT	110	10-008-000-00	SHIELD
11	*3-304-939-00	BRACKET, CONTROL	111	7-685-752-04	SCREW +BVTT 3X8 (S)	111	10-008-000-00	SHIELD
12	*3-304-944-00	PLATE, SIDE, RIGHT	112	7-685-871-01	SCREW +BVTT 3X6 (S)	112	10-008-000-00	SHIELD
13	3-304-962-00	COVER, MD	113	9-911-837-XX	CUSHION (A), FILTER	113	10-007-000-00	SHIELD
14	*3-304-975-00	SHEET, ORNAMENTAL	114	9-911-838-XX	CUSHION, STOPPER	114	10-007-000-00	SHIELD
15	3-304-985-01	PLATE, ORNAMENTAL, WINDOW	115	9-911-841-XX	CUSHION	115	10-007-000-00	SHIELD
16	3-304-986-01	WINDOW, CASSETTE	116	9-911-843-XX	CUSHION, FLYWHEEL	116	10-007-000-00	SHIELD
17	*3-304-987-01	HEAT SINK	117	.....	.....	117	10-007-000-00	SHIELD
18	*3-304-988-01	PLATE, RERAY	118	X-3304-909-0	KNOB (RIGHT) ASSY, REC	118	10-007-000-00	SHIELD
19	*3-304-989-11	(Canadian,AEP)...PLATE, JACK	119	X-3304-910-0	KNOB (LEFT) ASSY, REC	119	10-007-000-00	SHIELD
19	*3-304-989-21	{E}.....PLATE, JACK	120	X-3304-911-0	KNOB ASSY, POWER	120	10-007-000-00	SHIELD
20	*3-304-990-01	PLATE, BOTTOM	121	X-3304-916-0	BUTTON ASSY, CONTROL	121	10-007-000-00	SHIELD
21	3-304-992-01	LID, CASSETTE	122	X-3304-918-1	PANEL ASSY, FRONT	122	10-007-000-00	SHIELD
22	*3-304-993-01	PLATE, SIDE, LEFT	123	X-3304-919-1	ESCUCHON SUB ASSY	123	10-007-000-00	SHIELD
23	*3-304-994-01	CHASSIS, AMPLIFIER	124	3-306-006-01	CUSHION, MOTOR	124	10-007-000-00	SHIELD
24	*3-310-859-00	HEAT SINK, IC	125	3-318-608-01	COVER, INSULATION	125	10-007-000-00	SHIELD
25	3-311-623-11	SPACER	126	4-875-455-01	(AEP)....COVER CAPACITOR	126	10-007-000-00	SHIELD
26	3-534-238-XX	SPRING, TENSION	127	4-875-455-21	(E)....COVER CAPACITOR	127	10-007-000-00	SHIELD
27	*3-567-242-00	HEAT SINK	128	7-685-870-09	SCREW +BVTT 3X5 (S)	128	10-007-000-00	SHIELD
28	*3-575-502-00	BRACKET, EJECT	129	.....	.....	129	10-007-000-00	SHIELD
29	3-575-515-41	KNOB, SLIDE SWITCH	130	.....	.....	130	10-007-000-00	SHIELD
30	3-575-524-00	COVER, POWER SWITCH	131	.....	.....	131	10-007-000-00	SHIELD
31	3-575-539-41	CASE	132	3-576-731-00	FELT (H)	132	10-007-000-00	SHIELD
32	3-576-731-00	FELT (H)	133	3-646-090-11	RIVET, NYLON	133	10-007-000-00	SHIELD
33	3-646-090-11	RIVET, NYLON	134	.....	.....	134	10-007-000-00	SHIELD
34	.....	.....	135	3-701-506-01	SET SCREW, DOUBLE POINT 3X4	135	10-007-000-00	SHIELD
35	3-701-506-01	SET SCREW, DOUBLE POINT 3X4	136	*3-701-946-22	(Canadian)...LABEL, FUSE	136	10-007-000-00	SHIELD
36	*3-701-948-16	(AEP,E).....LABEL, FUSE	137	*3-703-037-00	INSULATOR, T0-220	137	10-007-000-00	SHIELD
36	*3-701-948-16	(AEP,E).....LABEL, FUSE	138	3-703-108-21	SCREW +BV 3X6, S TIGHT	138	10-007-000-00	SHIELD
37	3-703-037-00	INSULATOR, T0-220	139	3-703-244-00	BUSHING, CORD	139	10-007-000-00	SHIELD
38	3-703-108-21	SCREW +BV 3X6, S TIGHT	140	3-703-249-01	SCREW, S TIGHT, +PTTWH 3X6	140	10-007-000-00	SHIELD
39	3-703-244-00	BUSHING, CORD	141	4-807-341-00	HOLDER, FUSE	141	10-007-000-00	SHIELD
40	3-703-249-01	SCREW, S TIGHT, +PTTWH 3X6	142	4-820-330-31	SCREW, BW, PLUS MINUS	142	10-007-000-00	SHIELD

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

MHH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ , for example:

UA... : μA ..., UPA... : μPA ...,

UPC... : μPC , U... : μ

UPD... : μPD - μA mobile type

diodes, zener diodes, etc.

transistors, etc.

thyristors, etc.

varistors, etc.

optoelectronics, etc.

integrated circuits, etc.

semiconductors, etc.

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description	Ref.
101	1-551-734-11	CORD, CONNECTION (RK-74A)	GE-A28-8
102	3-304-956-00	SHEET, PROTECTION	GE-B25-158-1
103	3-304-973-00	SHEET, PROTECTION	GE-B25-553-1
104	3-304-996-01	CUSHION (LEFT), LOWER	GE-T28-S88-1
105	3-304-997-01	CUSHION (RIGHT), LOWER	GE-T28-S88-1
106	3-304-998-01	CUSHION (LEFT), UPPER	GE-T28-S88-1
107	3-304-999-01	CUSHION (RIGHT), UPPER	GE-T28-S88-1
108	*3-318-601-01	(AEP).....LABEL, MODEL NUMBER	GE-B28-8
108	*3-318-602-01	(Canadian)....LABEL, MODEL NUMBER	GE-B28-8
108	*3-318-603-01	(E).....LABEL, MODEL NUMBER	GE-B28-8

MECHANISM SECTION

No.	Part No.	Description	Ref.
301	3-304-639-00	PLATE, SHIELD, HEAD	GE-B28-8
302	*3-304-963-00	RETAINER, LEAD	GE-B28-8
303	3-306-209-00	PLATE (D), SHIELD, MOTOR	GE-B28-8
304	3-306-215-00	LEVER, FULCRUM, HOLDER	GE-B28-8
305	*3-306-216-00	BRACKET, HEAD, ERASE	GE-B28-8
306	*3-306-260-00	LEVER, FWD	GE-B28-8
307	3-306-277-00	LIFTER, PC BOARD	GE-B28-8
308	*3-310-831-01	PLATE, SHIELD, MOTOR	GE-B28-8
309	3-310-865-00	WASHER, INSULATING	GE-B28-8
310	*3-318-403-01	REINFORCEMENT	GE-B28-8
311	3-318-405-01	RETAINER, SPRING	GE-B28-8
312	3-318-406-01	PLATE, ORNAMENTAL, HEAD	GE-B28-8
313	3-489-073-21	SCREW, THRUST	GE-B28-8
314	3-491-191-00	COLLAR, SPACER	GE-B28-8
315	3-537-213-00	SPRING, COMPRESSION	GE-B28-8
316	3-555-113-00	SPRING (RIGHT)	GE-B28-8
317	3-555-114-00	SPRING (LEFT)	GE-B28-8
318	3-558-708-11	WASHER, STOPPER	GE-B28-8
319	3-558-708-21	WASHER, STOPPER	GE-B28-8
320	3-564-027-11	FELT, LIMITER	GE-B28-8
321	3-564-121-00	SPRING, COMPRESSION	GE-B28-8
322	3-564-138-00	GUIDE (S), TAPE	GE-B28-8
323	3-571-850-11	SPRING, COMPRESSION	GE-B28-8
324	3-575-304-00	SHAFT, GEAR, FR	GE-B28-8
325	3-575-318-00	LEVER, LOCK, TUNING	GE-B28-8
326	3-575-324-00	GEAR, LIMITER	GE-B28-8
327	3-575-327-00	STOPPER	GE-B28-8
328	3-575-328-00	HOLDER, LAMP	GE-B28-8
329	3-575-331-00	LEVER, DETECTION, HALF	GE-B28-8
330	3-575-332-00	GEAR, FR	GE-B28-8
331	3-575-333-00	PISTON	GE-B28-8
332	3-575-345-00	SPRING	GE-B28-8
333	3-575-348-00	ROLLER, GUIDE, THREADING	GE-B28-8
334	3-575-350-00	CLAW, REEL TABLE	GE-B28-8
335	3-575-351-00	SPRING	GE-B28-8
336	3-575-354-00	LEVER, LOCK	GE-B28-8
337	3-575-355-31	HOLDER, CASSETTE	GE-B28-8
338	3-575-356-00	SPRING	GE-B28-8
339	3-575-358-00	SPRING, TENSION	GE-B28-8
340	3-575-364-00	SPRING, TENSION	GE-B28-8
341	3-575-365-00	SPRING, COMPRESSION	GE-B28-8
342	*3-575-377-00	SPRING	GE-B28-8
343	*3-575-378-00	GUIDE, LEAD	GE-B28-8
344	3-575-392-00	RING, PISTON	GE-B28-8
345	3-575-414-00	SPRING, COMPRESSION	GE-B28-8

GENERAL SECTION

No.	Part No.	Description	Ref.
301	3-304-639-00	PLATE, SHIELD, HEAD	GE-B28-8
302	*3-304-963-00	RETAINER, LEAD	GE-B28-8
303	3-306-209-00	PLATE (D), SHIELD, MOTOR	GE-B28-8
304	3-306-215-00	LEVER, FULCRUM, HOLDER	GE-B28-8
305	*3-306-216-00	BRACKET, HEAD, ERASE	GE-B28-8
306	*3-306-260-00	LEVER, FWD	GE-B28-8
307	3-306-277-00	LIFTER, PC BOARD	GE-B28-8
308	*3-310-831-01	PLATE, SHIELD, MOTOR	GE-B28-8
309	3-310-865-00	WASHER, INSULATING	GE-B28-8
310	*3-318-403-01	REINFORCEMENT	GE-B28-8
311	3-318-405-01	RETAINER, SPRING	GE-B28-8
312	3-318-406-01	PLATE, ORNAMENTAL, HEAD	GE-B28-8
313	3-489-073-21	SCREW, THRUST	GE-B28-8
314	3-491-191-00	COLLAR, SPACER	GE-B28-8
315	3-537-213-00	SPRING, COMPRESSION	GE-B28-8
316	3-555-113-00	SPRING (RIGHT)	GE-B28-8
317	3-555-114-00	SPRING (LEFT)	GE-B28-8
318	3-558-708-11	WASHER, STOPPER	GE-B28-8
319	3-558-708-21	WASHER, STOPPER	GE-B28-8
320	3-564-027-11	FELT, LIMITER	GE-B28-8
321	3-564-121-00	SPRING, COMPRESSION	GE-B28-8
322	3-564-138-00	GUIDE (S), TAPE	GE-B28-8
323	3-571-850-11	SPRING, COMPRESSION	GE-B28-8
324	3-575-304-00	SHAFT, GEAR, FR	GE-B28-8
325	3-575-318-00	LEVER, LOCK, TUNING	GE-B28-8
326	3-575-324-00	GEAR, LIMITER	GE-B28-8
327	3-575-327-00	STOPPER	GE-B28-8
328	3-575-328-00	HOLDER, LAMP	GE-B28-8
329	3-575-331-00	LEVER, DETECTION, HALF	GE-B28-8
330	3-575-332-00	GEAR, FR	GE-B28-8
331	3-575-333-00	PISTON	GE-B28-8
332	3-575-345-00	SPRING	GE-B28-8
333	3-575-348-00	ROLLER, GUIDE, THREADING	GE-B28-8
334	3-575-350-00	CLAW, REEL TABLE	GE-B28-8
335	3-575-351-00	SPRING	GE-B28-8
336	3-575-354-00	LEVER, LOCK	GE-B28-8
337	3-575-355-31	HOLDER, CASSETTE	GE-B28-8
338	3-575-356-00	SPRING	GE-B28-8
339	3-575-358-00	SPRING, TENSION	GE-B28-8
340	3-575-364-00	SPRING, TENSION	GE-B28-8
341	3-575-365-00	SPRING, COMPRESSION	GE-B28-8
342	*3-575-377-00	SPRING	GE-B28-8
343	*3-575-378-00	GUIDE, LEAD	GE-B28-8
344	3-575-392-00	RING, PISTON	GE-B28-8
345	3-575-414-00	SPRING, COMPRESSION	GE-B28-8

MECHANISM SECTION

No.	Part No.	Description	Ref.
346	VOD3-575-415-11	ARBOR, MOVABLE	MJ13
347	VOD3-575-416-11	ARBOR, FIXED	MJ13
348	VOD3-575-447-00	TABLE, REEL	MJ13
349	VOD3-575-449-00	LEVER, DETECTION, REC	C153
350	VOD3-575-458-00	SPRING	C153
351	VOD3-575-460-00	LEVER, SELECT TUNE	C153
352	VOD3-575-469-00	SHOE, BRAKE	C153
353	VOD3-575-481-00	SPRING, TENSION	C153
354	VOD3-575-482-00	SPRING, TENSION	C153
355	VOD3-576-810-00	PLATE, RETURN CIRCUIT	C153
356	VOD3-576-812-00	BELT, CAPSTAN	C153
357	VOD3-576-961-11	PLATE, FG	C153
358	VOD3-632-261-00	SPRING	C153
359	VOD3-650-542-00	SPRING, TENSION	C153
360	VOD3-701-438-21	WASHER	C153
361	VOD3-701-439-11	WASHER	C153
362	VOD3-701-439-21	WASHER	C153
363	VOD3-701-441-11	WASHER	C153
364	VOD3-701-444-11	WASHER, 6	C153
365	VOD3-701-467-00	SCREW, LOCK	C153
366	VOD3-485-109-12	RUBBER, LIFTER CUSHION	C153
367	VOD3-621-771-06	SCREW +B 2X5	MJ13
368	VOD3-621-772-10	SCREW +B 2X4	C153
369	VOD3-621-772-88	SCREW +B 2X16	C153
370	VOD3-621-775-10	SCREW +B 2X6	MJ13
371	VOD3-621-775-20	SCREW +B 2X5	C153
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ELECTRICAL PARTS			MECHANICAL PARTS			ELECTRICAL PARTS			MECHANICAL PARTS			ELECTRICAL PARTS			MECHANICAL PARTS		
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
501	1-459-426-00	COIL 149U21 133WYR 1-BE-BT2E-X	C126	1-130-892-00	FILM 338AVOM 0.015MF 11-5% 100V 848	C214	1-130-635-00	FILM 33MA 0.18MF 11-5% 100V 848	C301	1-123-706-00	ELECT 470MF 00-50E 20% 1	35V					
502	1-535-506-00	(E)....CONNECTOR PRESS TERMINAL	C127	1-130-620-00	FILM 33X1R 0.01MF 11-5% 100V 848	C215	1-130-625-00	FILM 33MA 0.027MF 11-5% 100V 848	C302	1-123-333-00	ELECT 100MF 00-50E 20% 1	16V					
503	*1-508-819-00	17MM BASE POST 108E-BT2E-X	C128	1-130-633-00	FILM 33ER 0.12MF 00-5% 100V 848	C216	1-124-182-00	ELECT 1MF 00-5% 20% 1	C304	1-107-284-00	MICA 22PF 00-50E 5% 1	100V					
504	*1-508-878-00	BASE POST 2122AHD 1-BE-BT2E-X	C129	1-130-630-00	FILM 33ET30 0.068MF 00-5% 100V 848	C217	1-130-635-00	FILM 33MA 0.18MF 11-5% 100V 848	C305	1-123-706-00	ELECT 470MF 00-50E 20% 1	35V					
505	*1-535-116-00	TERMINAL Y22A ROTOM 1-SBE-BT2E-X	C130	1-130-637-00	FILM 33ET30 0.27MF 00-5% 100V 848	C218	1-130-630-00	FILM 33MA 0.068MF 11-5% 100V 848	C306	1-131-450-00	TANTALUM 1MF 00-50E 20% 1	50V					
506	A.1-551-472-00	(E2).....CORD, POWER	C131	1-130-635-00	FILM 33ET30 0.18MF 00-5% 100V 848	C219	1-130-633-00	FILM 33MA 0.12MF 11-5% 100V 848	C307	1-123-706-00	ELECT 470MF 00-50E 20% 1	35V					
506	A.1-555-734-00	(E1).....CORD, POWER	C132	1-130-625-00	FILM 33AR 0.027MF 00-5% 100V 848	C220	1-124-182-00	ELECT 1MF 20% 50V	C308	1-123-333-00	ELECT 100MF 00-50E 20% 1	16V					
506	A.1-555-795-00	(AEP).....CORD, POWER	C133	1-124-182-00	ELECT 12H3T 1MF 00-5% 100V 848	C221	1-124-324-00	ELECT 4.7MF 20% 50V	C310	1-107-284-00	MICA 22PF 00-50E 5% 1	100V					
506	A.1-556-874-00	(Canadian)....CORD, POWER	C134	1-130-635-00	FILM 33AR 0.18MF 00-5% 100V 848	C222	1-124-323-00	ELECT 3.3MF 20% 50V	C311	1-123-706-00	ELECT 470MF 00-50E 20% 1	35V					
507	*1-560-061-00	PIN, CONNECTOR 3P	C135	1-130-630-00	FILM 33UT3 0.068MF 00-5% 100V 848	C223	1-107-300-00	MICA 100PF 5% 100V	C312	1-131-450-00	TANTALUM 1MF 00-50E 20% 1	50V					
508	*1-560-062-00	PIN, CONNECTOR 4P	C136	1-130-633-00	FILM 33UT3 0.12MF 00-5% 100V 848	C224	1-124-323-00	ELECT 3.3MF 20% 50V	C313	1-123-381-00	ELECT 2.2MF 00-50E 20% 1	50V					
509	*1-560-063-00	PIN, CONNECTOR 5P	C137	1-124-182-00	ELECT 1MF 00-5% 100V 848	C225	1-130-955-00	FILM 0.01MF 00-5% 100V	C314	1-123-356-00	ELECT 10MF 00-50E 20% 1	50V					
510	*1-560-064-00	PIN, CONNECTOR 6P	C138	1-124-324-00	ELECT 4.7MF 00-5% 100V 848	C226	1-130-892-00	FILM 0.015MF 3% 100V	C315	1-123-356-00	ELECT 10MF 00-50E 20% 1	50V					
511	*1-560-242-51	BUS BAR 7P	C139	1-124-324-00	ELECT 4.7MF 00-5% 100V 848	C227	1-130-620-00	FILM 0.01MF 00-5% 100V	C316	1-123-371-00	ELECT 2.2MF 00-50E 20% 1	63V					
512	1-561-598-00	SOCKET 4P	C140	1-124-323-00	ELECT 3.3MF 00-5% 100V 848	C228	1-130-633-00	FILM 0.12MF 5% 100V	C317	1-123-371-00	ELECT 2.2MF 00-50E 20% 1	63V					
513	*1-603-823-00	PC BOARD, PHOTO	C141	1-123-307-00	ELECT 100MF 00-5% 100V 848	C229	1-130-630-00	FILM 0.068MF 5% 100V	C318	1-123-371-00	ELECT 22MF 00-50E 20% 1	63V					
514	*1-608-268-00	PC BOARD, ERASE HEAD	C142	1-130-633-00	FILM 0.12MF 00-5% 100V 848	C230	1-130-637-00	FILM 0.27MF 5% 100V 848	C319	1-123-371-00	ELECT 22MF 00-50E 20% 1	63V					
515	*1-611-789-11	PC BOARD, SWITCH	C143	1-124-326-11	ELECT 10MF 00-5% 100V 848	C231	1-130-635-00	FILM 0.18MF 5% 100V 848	C320	1-123-330-00	ELECT 22MF 00-50E 20% 1	16V					
516	*A-2010-222-A	PC BOARD ASSY, AUDIO	C144	1-130-277-00	FILM 0.0015MF 00-5% 100V 848	C232	1-130-625-00	FILM 0.027MF 5% 100V	C321	1-123-330-00	ELECT 22MF 00-50E 20% 1	16V					
517	*A-2019-165-A	PC BOARD ASSY, SYSTEM CONTROL	C145	1-107-303-00	MICA 130PF 00-5% 100V 848	C233	1-124-182-00	ELECT 1MF 20% 50V	C322	1-123-381-00	ELECT 2.2MF 00-50E 20% 1	50V					
518	*1-611-792-11	PC BOARD, CONTROL SW	C146	1-107-300-00	MICA 100PF 00-5% 100V 848	C234	1-130-635-00	FILM 0.18MF 5% 100V 848	C323	1-123-381-00	ELECT 2.2MF 00-50E 20% 1	50V					
519	*1-611-793-11	PC BOARD, METER	C147	1-130-301-00	FILM 33X5 0.015MF 00-5% 100V 848	C235	1-130-630-00	FILM 0.068MF 5% 100V	C324	1-123-369-00	ELECT 4.7MF 00-50E 20% 1	50V					
C102	1-130-973-00	FILM 0.022MF 3% 100V	C148	1-130-625-00	FILM 33X5 0.027MF 00-5% 100V 848	C236	1-130-633-00	FILM 0.12MF 5% 100V	C325	1-162-108-00	CERAMIC 680PF 00-50E 10% 1	50V					
C103	1-124-326-11	ELECT 10MF 20% 50V	C149	1-130-305-00	FILM 33X5 0.022MF 00-5% 100V 848	C237	1-124-182-00	ELECT 1MF 00-5% 100V	C326	1-162-108-00	CERAMIC 680PF 00-50E 10% 1	50V					
C104	1-130-893-00	FILM 0.027MF 3% 100V	C150	1-130-629-00	FILM 33X5 0.056MF 00-5% 100V 848	C238	1-124-324-00	ELECT 4.7MF 00-50E 20% 1	C327	1-123-308-00	ELECT 220MF 00-50E 20% 1	10V					
C105	1-130-285-00	FILM 0.0033MF 5% 100V	C151	1-130-307-00	FILM 33X5 0.027MF 00-5% 100V 848	C239	1-124-324-00	ELECT 4.7MF 00-50E 20% 1	C328	1-123-308-00	ELECT 220MF 00-50E 20% 1	10V					
C106	1-107-300-00	MICA 100PF 5% 100V	C152	1-130-627-00	FILM 33X5 0.039MF 00-5% 100V 848	C240	1-124-323-00	ELECT 3.3MF 00-5% 100V	C329	1-123-381-00	ELECT 2.2MF 00-50E 20% 1	50V					
C107	1-130-273-00	FILM 0.001MF 5% 100V	C153	1-130-305-00	FILM 33X5 0.022MF 00-5% 100V 848	C241	1-123-307-00	ELECT 100MF 00-50E 20% 1	C330	1-123-369-00	ELECT 4.7MF 00-50E 20% 1	50V					
C108	1-130-955-00	FILM 0.01MF 3% 100V	C154	1-130-285-00	FILM 33X5 0.0033MF 00-5% 100V 848	C242	1-130-633-00	FILM 33X5 0.12MF 00-5% 100V	C501	1-162-108-00	CERAMIC 680PF 00-50E 10% 1	50V					
C109	1-130-892-00	FILM 0.015MF 3% 100V	C155	1-124-184-00	ELECT 3.3MF 00-5% 100V	C243	1-124-326-11	ELECT 10MF 00-50E 20% 1	C502	1-162-108-00	CERAMIC 680PF 00-50E 10% 1	50V					
C110	1-130-620-00	FILM 0.01MF 5% 50V	C156	1-123-369-00	ELECT 4.7MF 00-5% 100V 848	C244	1-130-277-00	FILM 33X5 0.0015MF 00-5% 100V	C503	1-130-623-00	FILM 0.018MF 00-50E 5% 1	50V					
C111	1-130-633-00	FILM 0.12MF 5% 50V	C157	1-124-270-11	ELECT 4.7MF 00-5% 100V 848	C245	1-107-303-00	MICA 130PF 00-50E 5% 100V	C504	1-131-501-00	TANTALUM 3.3MF 00-50E 20% 1	10V					
C112	1-130-630-00	FILM 0.068MF 5% 50V	C158	1-162-037-00	CERAMIC 100PF 00-50E 5% 100V	C246	1-107-300-00	MICA 100PF 00-50E 5% 100V	C505	1-162-112-00	CERAMIC 4700PF 00-50E 30% 25V	25V					
C113	1-130-637-00	FILM 0.27MF															

TC-K555ESII**ELECTRICAL PARTS**

Ref. No.	Part No.	Description	Value	Unit	Ref. No.	Part No.	Description	Value	Unit					
C708	1-123-364-00	ELECT	T100MF	00-801	20%	50V	C923	1-162-052-00	CERAMIC	22PF	00-808-5%	-1	50V	
C709	1-123-356-00	ELECT	T210MF	00-801	20%	25V	C924	1-123-333-00	ELECT	100MF	00-808-20%	-1	16V	
C710	1-123-360-00	ELECT	T100MF	00-801	20%	50V	C925	1-123-333-00	ELECT	100MF	00-801-20%	-1	16V	
C711	1-123-356-00	ELECT	T10MF	00-801	20%	50V	C926	1-124-554-00	ELECT	3300MF	00-808-20%	-1	25V	
C712	1-123-346-00	ELECT	MUJAY220MF	00-801	20%	35V	C927	1-124-554-00	ELECT	3300MF	00-808-20%	-1	25V	
C713	1-123-356-00	ELECT	T10MF	00-801	20%	25V	C928	1-123-306-00	ELECT	47MF	00-808-20%	-1	10V	
C714	1-123-380-00	ELECT	T1MF	00-801	20%	50V	C929	1-123-306-00	ELECT	47MF	00-801-20%	-1	10V	
C715	1-123-307-00	ELECT	T100MF	00-801	20%	6.3V	CNJ301	1-507-531-31	PLATE, PIN-JACK		00-801-AS1-I		0550	
C716	1-123-306-00	ELECT	T47MF	00-801	20%	10V	CNJ302	1-507-796-21	JACK		00-801-AS1-I		0550	
C717	1-161-327-00	CERAMIC	MUJAY0.0033MF	00-801	30%	50V	CNP701*1-560-060-00	PIN, CONNECTOR 2P						
C718	1-161-327-00	CERAMIC	T0.0033MF	00-801	30%	50V	CNP702*1-560-061-00	PIN, CONNECTOR 3P						
C719	1-161-271-00	CERAMIC	T0.001PF	00-801	5%	50V	CNP704*1-560-062-00	PIN, CONNECTOR 4P						
C720	1-161-271-00	CERAMIC	T100PF	00-801	5%	50V	CNP705*1-560-062-00	PIN, CONNECTOR 4P						
C721	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP706*1-560-063-00	PIN, CONNECTOR 5P						
C722	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP707*1-560-064-00	PIN, CONNECTOR 6P						
C723	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP709*1-560-065-00	PIN, CONNECTOR 8P						
C724	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP710*1-560-065-00	PIN, CONNECTOR 8P						
C725	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP901*1-560-061-00	PIN, CONNECTOR 3P						
C726	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP902*1-560-339-00	PIN, CONNECTOR 9P						
C727	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CNP903*1-508-879-00	BASE POST						
C728	1-161-330-00	CERAMIC	T0.01MF	00-801	30%	25V	CP701 A1-161-744-00	CAP, CERAMIC 10000PF FZ						
C729	1-161-330-00	CERAMIC	T0.01MF	00-801	30%	25V	CP301	1-464-252-00	OSCILLATION UNIT, BIAS					
C730	1-161-494-00	CERAMIC	T0.022MF	00-801	30%	25V	CT101	1-141-225-00	CAP, TUNING, TRIMAR					
C731	1-123-380-00	ELECT	T1MF	00-801	20%	50V	CT201	1-141-225-00	CAP, TUNING, TRIMAR					
C902	1-130-620-00	FILM	T0.01MF	00-801	5%	50V	D301	8-719-910-64	DIODE HZ6B1L		00-801-AS1-I		0550	
C903	1-130-624-00	FILM	T0.022MF	00-801	5%	50V	D302	8-719-910-64	DIODE HZ6B1L		00-801-AS1-I		0550	
C904	1-130-624-00	FILM	T0.022MF	00-801	5%	50V	D303	8-719-107-94	DIODE ISS202-1		00-801-AS1-I		0550	
C905	1-130-620-00	FILM	T0.01MF	00-801	5%	50V	D304	8-719-910-19	DIODE HZ11C3L		00-801-AS1-I		0550	
C906	1-102-851-00	CERAMIC	QIMA15PF	00-801	5%	50V	D305	8-719-107-94	DIODE ISS202-1		00-801-AS1-I		0550	
C907	1-102-851-00	CERAMIC	QIMA15PF	00-801	5%	50V	D306	8-719-107-94	DIODE ISS202-1		00-801-AS1-I		0550	
C908	1-161-328-00	CERAMIC	T0.0047MF	00-801	30%	50V	D307	8-719-910-64	DIODE HZ6B1L		00-801-AS1-I		0550	
C909	1-130-140-00	FILM	T0.039MF	00-801	5%	100V	D501	8-719-102-97	DIODE RD12E-N2		00-801-TO1-I		0550	
C910	1-130-635-00	FILM	T0.18MF	00-801	5%	50V	D502	8-719-102-97	DIODE RD12E-N2		00-801-TO1-I		0550	
C911	1-130-631-00	FILM	T0.082MF	00-801	5%	50V	D503	8-719-910-64	DIODE HZ6B1L		00-801-AS1-I		0550	
C912	1-123-356-00	ELECT	T10MF	00-801	20%	16V	D504	8-719-911-19	DIODE ISS202-1		00-801-AS1-I		0550	
C913	1-123-356-00	ELECT	T10MF	00-801	20%	16V	D505	8-719-911-19	DIODE ISS202-1		00-801-AS1-I		0550	
C914	1-101-005-00	CERAMIC	T1MF	00-801	5%	50V	D506	8-719-102-97	DIODE RD12E-N2		00-801-AS1-I		0550	
C915	1-101-005-00	CERAMIC	T0.022MF	00-801	5%	50V	D507	8-719-994-54	DIODE HZ5C2		00-801-AS1-I		0550	
C916	1-130-631-00	FILM	T0.082MF	00-801	5%	50V	D701	8-719-200-02	DIODE 10E-2		00-801-AS1-I		0550	
C917	1-130-628-00	FILM	T0.047MF	00-801	5%	50V	D702	8-719-200-02	DIODE 10E-2		00-801-AS1-I		0550	
C918	1-123-332-00	ELECT	T47MF	00-801	20%	16V	D703	8-719-200-02	DIODE 10E-2		00-801-AS1-I		0550	
C919	1-123-332-00	ELECT	T47MF	00-801	20%	16V	D704	8-719-200-02	DIODE 10E-2		00-801-AS1-I		0550	
C920	1-123-332-00	ELECT	47MF	00-801	20%	16V	D705	8-719-200-02	DIODE 10E-2		00-801-AS1-I		0550	
C921	1-123-332-00	ELECT	47MF	00-801	20%	16V	D706	8-719-931-07	DIODE EQB01-07		00-801-AS1-I		0550	
C922	1-162-052-00	CERAMIC	22PF	00-801	5%	50V	D707	8-719-922-71	DIODE HZ27-1L		00-801-AS1-I		0550	

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 μ F. Common capacitors are omitted. Refer to the following lists for their part numbers.
- MF: μ F, PF: μ PF.
- COILS
- MMH : mH, UH : uH
- SEMICONDUCTORS
- In each case, U : μ , for example:
UA... : μ A..., UPA... : μ PA..., UPC... : μ PC,
UPD... : μ PD...

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.

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ELECTRICAL PARTS

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
D708	8-719-910-41	DIODE HZ24-1L	1	D709	8-719-910-17	DIODE HZ11C1L	1
D710	8-719-910-59	DIODE HZ6C3L	1	L101	1-407-240-00	MICRO INDUCTOR 22MMH	1
D711	8-719-107-94	DIODE ISS202-1	1	L102	1-408-259-00	MICRO INDUCTOR 15MMH	1
D712	8-719-107-94	DIODE ISS202-1	1	L103	1-408-253-00	MICRO INDUCTOR 4.7MMH	1
D713	8-719-200-02	DIODE 10E-2	1	L104	1-408-250-00	MICRO INDUCTOR 2.7MMH	1
D714	8-719-200-02	DIODE 10E-2	1	L105	1-408-685-00	MICRO INDUCTOR 1.8MMH	1
D715	8-719-200-02	DIODE 10E-2	1	L106	1-408-249-00	MICRO INDUCTOR 2.2MMH	1
D716	8-719-902-25	DIODE SLR-34D05	1	L201	1-407-240-00	MICRO INDUCTOR 22MMH	1
D717	8-719-902-33	DIODE SLR-34UR5	1	L202	1-408-259-00	MICRO INDUCTOR 15MMH	1
D718	8-719-902-77	DIODE SLR-34PC5	1	L203	1-408-253-00	MICRO INDUCTOR 4.7MMH	1
D719	8-719-200-02	DIODE 10E-2	1	L204	1-408-250-00	MICRO INDUCTOR 2.7MMH	1
D901	8-719-910-64	DIODE HZ6B1L	1	L205	1-408-685-00	MICRO INDUCTOR 1.8MMH	1
D902	8-719-910-64	DIODE HZ6B1L	1	L206	1-408-249-00	MICRO INDUCTOR 2.2MMH	1
D903	8-719-230-11	DIODE 30DF1-FA	1	L301	1-408-096-00	MICRO INDUCTOR 470UH	1
D904	8-719-230-11	DIODE 30DF1-FA	1	L302	1-408-096-00	MICRO INDUCTOR 470UH	1
D905	8-719-230-11	DIODE 30DF1-FA	1	L501	1-407-177-XX	MICRO INDUCTOR	1
D906	8-719-230-11	DIODE 30DF1-FA	1	LPF101	1-231-388-00	FILTER, LOWPASS	1
D907	8-719-815-55	DIODE 1S1555	1	LPF201	1-231-388-00	FILTER, LOWPASS	1
D908	8-719-815-55	DIODE 1S1555	1	PL301	1-518-489-21	LAMP, PILOT	1
F701 A.1-532-555-00	(Canadian)...FUSE, GLASS TUBE			PL302	1-518-489-21	LAMP, PILOT	1
F701 A.1-532-259-00	(AEP,E).....FUSE, GLASS TUBE			PL901	1-518-313-00	LAMP, PILOT	1

FL	1-519-247-00	INDICATOR TUBE, FLUORESCENT	1
HE	8-825-535-30	HEAD, ERASE (ES237-36C)	1
HRP	8-825-500-30	HEAD, REC/PB RPA230-3602	1
IC101	8-752-008-80	IC CX20088	1
IC102	8-752-008-70	IC CX20087	1
IC201	8-752-008-70	IC CX20087	1
IC202	8-752-008-80	IC CX20088	1
IC301	8-759-700-04	IC NJM2043D-D	1
IC302	8-759-745-60	IC NJM4560D	1
IC303	8-759-745-60	IC NJM4560D	1
IC304	8-759-145-58	IC UPC4558C	1
IC305	8-759-745-60	IC NJM4560D	1
IC306	8-759-961-38	IC BA6138	1
IC501	8-759-904-72	IC MSL9359RS	1
IC502	8-759-100-12	IC UPD554C-089	1
IC701	8-759-910-46	IC MB8841H-1264K	1
IC702	8-759-984-49	IC MB88409UB	1
IC703	8-759-984-49	IC MB88409UB	1
IC704	8-759-700-46	IC CX10034	1
IC901	8-759-145-58	IC UPC4558C	1
IC902	8-759-958-14	IC MSM5814IRS	1
IC903	8-759-145-58	IC UPC4558C	1
IC904	8-759-102-17	IC CX10031A	1

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 μ F. Common capacitors are omitted. Refer to the following lists for their part numbers.

MF: μ F, PF: μ pF.

COILS

MMH : mH, UH : μ H

SEMICONDATORS

UA...: μ A..., UPA...: μ PA..., UPC...: μ PC,

UPD...: μ PD...

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.

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.

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SEMICONDATORS

UA...: μ A..., UPA...: μ PA..., UPC...: μ PC,

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Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
R107	1-247-179-00	CARBON	100K 5%	R108	1-247-155-00	CARBON	10K 5%
R109	1-247-171-00	CARBON	47K 5%	R110	1-214-737-00	METAL	2.2K 1%
R111	1-214-723-00	METAL	560 1%	R112	1-214-753-00	METAL	10K 1%
R113	1-214-744-00	METAL	4.3K 1%	R114	1-214-739-00	METAL	2.7K 1%
R115	1-246-537-00	CARBON	470K 5%	R116	1-247-123-00	CARBON	470 5%
R117	1-214-776-00	METAL	91K 1%	R118	1-247-138-00	CARBON	2K 1%
R119	1-247-148-00	CARBON	5.1K 5%	R120	1-247-171-00	CARBON	47K 5%
R121	1-246-530-00	CARBON	240K 5%	R122	1-246-528-00	CARBON	200K 5%
R123	1-246-529-00	CARBON	220K 5%	R124	1-247-145-00	CARBON	3.9K 5%
R125	1-246-529-00	CARBON	220K 5%	R126	1-246-528-00	CARBON	200K 5%
R127	1-247-120-00	CARBON	360 5%	R128	1-247-145-00	CARBON	3.9K 5%
R129	1-247-171-00	CARBON	47K 5%	R130	1-214-763-00	METAL	27K 1%
R131	1-214-751-00	METAL	8.2K 1%	R132	1-247-151-00	CARBON	6.8K 5%
R133	1-247-145-00	CARBON	3.9K 5%	R134	1-247-143-00	CARBON	3.3K 5%
R135	1-247-151-00	CARBON	6.8K 5%	R136	1-247-171-00	CARBON	47K 5%
R137	1-247-171-00	CARBON	47K 5%	R138	1-214-721-00	METAL	470 1%
R139	1-214-753-00	METAL	10K 1%	R140	1-214-744-00	METAL	4.3K 1%
R141	1-214-739-00	METAL	2.7K 1%	R142	1-246-537-00	CARBON	470K 5%
R143	1-247-123-00	CARBON	470 5%	R144	1-214-776-00	METAL	91K 1%
R145	1-247-138-00	CARBON	2K 1%	R146	1-247-148-00	CARBON	5.1K 5%
R147	1-247-171-00	CARBON	47K 5%	R148	1-246-530-00	CARBON	240K 5%
R149	1-246-528-00	CARBON	200K 5%	R150	1-246-529-00	CARBON	220K 5%
R151	1-247-145-00	CARBON	3.9K 5%	R152	1-247-145-00	CARBON	3.9K 5%

ELECTRICAL PARTS JAD113033					
Ref. No.	Part No.	Description	Ref. 2169	Ref. 769	
R152	1-246-529-00	CARBON	00220K 5%-1	1/4W	
R153	1-246-528-00	CARBON	00200K 5%-1	1/4W	
R154	1-247-120-00	CARBON	00360 -5%	1/4W	
R155	1-247-145-00	CARBON	003.9K -5%	1/4W	
R156	1-214-757-00	METAL	0015K -1%	1/4W	
R157	1-247-171-00	CARBON	0047K -5%	1/4W	
R158	1-214-741-00	METAL	003.3K -1%	1/4W	
R159	1-247-131-00	CARBON	001K -5%	1/4W	
R160	1-247-163-00	CARBON	0022K -5%	1/4W	
R161	1-247-171-00	CARBON	0047K -5%	1/4W	
R162	1-214-755-00	METAL	0012K -1%	1/4W	
R163	1-214-737-00	METAL	002.2K -1%	1/4W	
R164	1-214-763-00	METAL	0027K -1%	1/4W	
R165	1-214-761-00	METAL	0022K -1%	1/4W	
R166	1-214-739-00	METAL	002.7K -1%	1/4W	
R167	1-247-115-00	CARBON	00220 -5%	1/4W	
R168	1-247-157-00	CARBON	0012K -5%	1/4W	
R169	1-247-109-00	CARBON	00120 -5%	1/4W	
R170	1-247-147-00	CARBON	004.7K -5%	1/4W	
R171	1-247-143-00	CARBON	003.3K -5%	1/4W	
R172	1-247-111-00	CARBON	00150 -5%	1/4W	
R173	1-246-533-00	CARBON	00330K -5%	1/4W	
R174	1-247-133-00	CARBON	001.2K -5%	1/4W	
R175	1-247-109-00	CARBON	00120 -5%	1/4W	
R176	1-247-141-00	CARBON	002.7K -5%	1/4W	
R177	1-247-141-00	CARBON	002.7K -5%	1/4W	
R178	1-214-733-00	METAL	001.5K -1%	1/4W	
R179	1-247-163-00	CARBON	0022K -5%	1/4W	
R180	1-247-163-00	CARBON	0022K -5%	1/4W	
R181	1-214-735-00	METAL	001.8K -1%	1/4W	
R182	1-247-139-00	CARBON	002.2K -5%	1/4W	
R183	1-247-091-00	CARBON	0022 -5%	1/4W	
R184	1-246-525-00	CARBON	00150K -5%	1/4W	
R185	1-247-155-00	CARBON	0010K -5%	1/4W	
R186	1-247-133-00	CARBON	001.2K -5%	1/4W	
R187	1-247-163-00	CARBON	0022K -5%	1/4W	
R188	1-246-529-00	CARBON	00220K -5%	1/4W	
R189	1-247-115-00	CARBON	00220 -5%	1/4W	
R201	1-214-777-00	METAL	00100K -1%	1/4W	
R202	1-214-709-00	METAL	00150 -1%	1/4W	
R203	1-214-746-00	METAL	005.1K -1%	1/4W	
R204	1-214-780-00	METAL	00130K -1%	1/4W	
R205	1-214-735-00	METAL	001.8K -1%	1/4W	
R206	1-214-736-00	METAL	002K -1%	1/4W	
R207	1-247-179-00	CARBON	00100K -5%	1/4W	

ELECTRICAL PARTS JAD113033					
Ref. No.	Part No.	Description	Ref. 2169	Ref. 769	
R208	1-247-155-00	CARBON	0010K -5%-1	1/4W	
R209	1-247-171-00	CARBON	0047K -5%	1/4W	
R210	1-214-737-00	METAL	002.2K -1%	1/4W	
R211	1-214-723-00	METAL	00560 -1%	1/4W	
R212	1-214-753-00	METAL	0010K -1%	1/4W	
R213	1-214-744-00	METAL	004.3K -1%	1/4W	
R214	1-214-739-00	METAL	002.7K -1%	1/4W	
R215	1-246-537-00	CARBON	00470K -5%	1/4W	
R216	1-247-123-00	CARBON	00470 -5%	1/4W	
R217	1-214-776-00	METAL	0091K -1%	1/4W	
R218	1-247-138-00	CARBON	002.2K -5%	1/4W	
R219	1-247-148-00	CARBON	005.1K -5%	1/4W	
R220	1-247-171-00	CARBON	0047K -5%-1	1/4W	
R221	1-246-530-00	CARBON	00240K -5%	1/4W	
R222	1-246-528-00	CARBON	00200K -5%	1/4W	
R223	1-246-529-00	CARBON	00220K -5%	1/4W	
R224	1-247-145-00	CARBON	003.9K -5%	1/4W	
R225	1-246-529-00	CARBON	00220K -5%	1/4W	
R226	1-246-528-00	CARBON	00200K -5%	1/4W	
R227	1-247-120-00	CARBON	00360 -5%	1/4W	
R228	1-247-145-00	CARBON	003.9K -5%	1/4W	
R229	1-247-171-00	CARBON	0047K -5%	1/4W	
R230	1-214-763-00	METAL	0027K -1%	1/4W	
R231	1-214-751-00	METAL	008.2K -1%	1/4W	
R232	1-247-151-00	CARBON	006.8K -5%	1/4W	
R233	1-247-145-00	CARBON	003.9K -5%	1/4W	
R234	1-247-143-00	CARBON	003.3K -5%	1/4W	
R235	1-247-151-00	CARBON	006.8K -5%	1/4W	
R236	1-247-171-00	CARBON	0047K -5%	1/4W	
R237	1-247-171-00	CARBON	0047K -5%	1/4W	
R238	1-214-721-00	METAL	00470 -1%	1/4W	
R239	1-214-753-00	METAL	0010K -1%	1/4W	
R240	1-214-744-00	METAL	004.3K -1%	1/4W	
R241	1-214-739-00	METAL	002.7K -1%	1/4W	
R242	1-246-537-00	CARBON	00470K -5%	1/4W	
R243	1-247-123-00	CARBON	00470 -5%	1/4W	
R244	1-214-776-00	METAL	0091K -1%	1/4W	
R245	1-247-138-00	CARBON	002K -5%	1/4W	
R246	1-247-148-00	CARBON	005.1K -5%	1/4W	
R247	1-247-171-00	CARBON	0047K -5%	1/4W	
R248	1-246-530-00	CARBON	00240K -5%	1/4W	
R249	1-246-528-00	CARBON	00200K -5%	1/4W	
R250	1-246-529-00	CARBON	00220K -5%	1/4W	
R251	1-247-145-00	CARBON	003.9K -5%	1/4W	
R252	1-246-529-00	CARBON	00220K -5%	1/4W	

ELECTRICAL PARTS JAD113033					
Ref. No.	Part No.	Description	Ref. 2169	Ref. 769	
R253	1-246-528-00	CARBON	00200K -5%-1	1/4W	
R254	1-247-120-00	CARBON	00360 -5%-1	1/4W	
R255	1-247-145-00	CARBON	003.9K -5%-1	1/4W	
R256	1-214-757-00	METAL	0015K -1%	1/4W	
R257	1-247-171-00	CARBON	0047K -5%	1/4W	
R258	1-214-741-00	METAL	003.3K -1%	1/4W	
R259	1-247-131-00	CARBON	001K -5%	1/4W	
R260	1-247-163-00	CARBON	0022K -5%	1/4W	
R261	1-247-171-00	CARBON	0047K -5%	1/4W	
R262	1-214-755-00	METAL	0012K -1%	1/4W	
R263	1-214-737-00	METAL	002.2K -1%	1/4W	
R264	1-214-763-00	METAL	0027K -1%	1/4W	
R265	1-214-761-00	METAL	0022K -1%		

ELECTRICAL PARTS

ZTRAA9 JAD18T0313

Ref. No.	Part No.	Description	Value	Unit	Ref. No.	Part No.	Description	Value	Unit					
R701	A.1-212-971-00	FUSIBLE	36	5%	1/2W	F	R748	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R702	1-247-141-00	CARBON	2.7K	5%	1/4W	1018	R749	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R703	A.1-213-059-00	FUSIBLE	9.1	5%	1W	F	R750	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R704	1-247-152-00	CARBON	7.5K	5%	1/4W	1018	R751	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R705	A.1-217-387-00	FUSIBLE	10	5%	1/4W	F	R752	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R706	1-247-131-00	CARBON	1K	5%	1/4W	1018	R753	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R707	1-247-831-00	CARBON	1K	5%	1/6W	1018	R754	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R708	1-247-846-00	CARBON	4.3K	5%	1/6W	1018	R755	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R709	A.1-206-463-00	METAL OXIDE	10	5%	2W	F	R756	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R710	A.1-206-477-00	METAL OXIDE	39	5%	2W	F	R757	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R711	1-247-155-00	CARBON	10K	5%	1/4W	1018	R758	1-247-855-00	CARBON	100	10K	5%	1/6W	1018
R713	1-247-131-00	CARBON	1K	5%	1/4W	1018	R759	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R714	1-247-179-00	CARBON	100K	5%	1/4W	1018	R760	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R715	1-247-871-00	CARBON	47K	5%	1/6W	1018	R761	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R716	1-247-131-00	CARBON	1K	5%	1/4W	1018	R762	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R717	1-247-831-00	CARBON	1K	5%	1/6W		R763	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R718	1-247-871-00	CARBON	47K	5%	1/6W		R764	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R719	1-247-131-00	CARBON	1K	5%	1/4W	1018	R765	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R720	1-247-831-00	CARBON	1K	5%	1/6W		R766	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R721	1-247-831-00	CARBON	1K	5%	1/6W	1018	R767	1-247-131-00	CARBON	100	1K	5%	1/4W	1018
R722	1-247-831-00	CARBON	1K	5%	1/6W	1018	R768	1-247-147-00	CARBON	100	4.7K	5%	1/4W	1018
R723	1-247-131-00	CARBON	1K	5%	1/4W		R769	1-247-147-00	CARBON	100	4.7K	5%	1/4W	1018
R724	1-247-131-00	CARBON	1K	5%	1/4W		R770	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R725	1-247-133-00	CARBON	1.2K	5%	1/4W		R771	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R726	1-247-128-00	CARBON	750	5%	1/4W		R772	1-247-115-00	CARBON	100	220	5%	1/4W	1018
R727	A.1-217-383-00	FUSIBLE	4.7	5%	1/4W	F	R773	1-247-123-00	CARBON	100	470	5%	1/4W	1018
R728	1-247-179-00	CARBON	100K	5%	1/4W	1018	R774	1-247-117-00	CARBON	100	270	5%	1/4W	1018
R729	1-247-179-00	CARBON	100K	5%	1/4W		R776	1-247-163-00	CARBON	100	22K	5%	1/4W	1018
R730	1-246-537-00	CARBON	470K	5%	1/4W		R777	1-247-879-00	CARBON	100	100K	5%	1/6W	1018
R731	1-246-537-00	CARBON	470K	5%	1/4W		R779	1-247-196-00	CARBON	100	15	5%	1/2W	1018
R732	1-247-877-00	CARBON	82K	5%	1/6W		R901	1-247-831-00	CARBON	100	1K	5%	1/6W	1018
R733	1-247-877-00	CARBON	82K	5%	1/6W		R902	1-247-831-00	CARBON	100	1K	5%	1/6W	1018
R734	1-247-877-00	CARBON	82K	5%	1/6W		R903	1-247-873-00	CARBON	100	56K	5%	1/6W	1018
R735	1-247-877-00	CARBON	82K	5%	1/6W		R904	1-247-831-00	CARBON	100	1K	5%	1/6W	1018
R736	1-247-877-00	CARBON	82K	5%	1/6W		R905	1-247-850-00	CARBON	100	6.2K	5%	1/6W	1018
R738	1-247-155-00	CARBON	10K	5%	1/4W		R906	1-247-857-00	CARBON	100	12K	5%	1/6W	1018
R739	1-247-147-00	CARBON	4.7K	5%	1/4W		R907	1-247-879-00	CARBON	100	100K	5%	1/6W	1018
R740	1-247-131-00	CARBON	1K	5%	1/4W		R908	1-247-902-00	CARBON	100	910K	5%	1/6W	1018
R741	1-247-131-00	CARBON	1K	5%	1/4W		R909	1-247-855-00	CARBON	100	10K	5%	1/6W	1018
R742	1-247-131-00	CARBON	1K	5%	1/4W		R910	1-247-855-00	CARBON	100	10K	5%	1/6W	1018
R743	1-247-131-00	CARBON	1K	5%	1/4W		R911	1-214-765-00	METAL	100	33K	1%	1/4W	1018
R744	1-247-131-00	CARBON	1K	5%	1/4W		R912	1-247-895-00	CARBON	100	470K	5%	1/6W	1018
R745	1-247-131-00	CARBON	1K	5%	1/4W		R913	1-247-899-00	CARBON	100	680K	5%	1/6W	1018
R746	1-247-131-00	CARBON	1K	5%	1/4W		R914	1-247-871-00	CARBON	100	47K	5%	1/6W	1018
R747	1-247-163-00	CARBON	22K	5%	1/4W		R915	1-247-879-00	CARBON	100	100K	5%	1/6W	1018

- 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 : uH 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.

TC-K555ESII

ELECTRICAL PARTS		
Ref. No.	Part No.	Description
R916	1-247-841-00	CARBON
R917	1-247-850-00	CARBON
R918	1-247-877-00	CARBON
R919	1-247-771-00	CARBON
R920	1-247-771-00	CARBON
R921	1-247-855-00	CARBON
R922	1-247-855-00	CARBON
R923	1-247-831-00	CARBON
R924	1-247-855-00	CARBON
R925	1-247-831-00	CARBON
R926	1-247-877-00	CARBON
R927	1-247-847-00	CARBON
R928	1-247-855-00	CARBON
R929	1-247-839-00	CARBON
R930	1-247-839-00	CARBON
R931	1-247-831-00	CARBON
R932	1-247-831-00	CARBON
R933	1-247-827-00	CARBON
R934	1-247-827-00	CARBON
R935	1-247-843-00	CARBON
R936	1-247-843-00	CARBON
R937	1-247-843-00	CARBON
R938	1-247-843-00	CARBON
R939	1-247-871-00	CARBON
R940	1-247-871-00	CARBON
R941	Δ.1-217-383-00	FUSIBLE
R942	Δ.1-217-383-00	FUSIBLE
RV101	1-224-251-XX	RES, ADJ, METAL GLAZE 4.7K
RV102	1-224-251-XX	RES, ADJ, METAL GLAZE 4.7K
RV103	1-226-236-00	RES, ADJ, CARBON 10K
RV201	1-224-251-XX	RES, ADJ, METAL GLAZE 4.7K
RV202	1-224-251-XX	RES, ADJ, METAL GLAZE 4.7K
RV203	1-226-236-00	RES, ADJ, CARBON 10K
RV301	1-230-344-11	RES, VAR, CARBON 20K/20K
RV302	1-226-980-00	RES, VAR, CARBON 20K/20K
RV303	1-226-560-00	RES, VAR, CARBON 5K
RV701	1-226-233-00	RES, ADJ, CARBON 1K
RV901	1-224-252-XX	RES, ADJ, METAL GLAZE 10K
RV902	1-226-232-00	RES, ADJ, CARBON 500
RV903	1-226-239-00	RES, ADJ, CARBON 100K
RV904	1-226-232-00	RES, ADJ, CARBON 500
RV905	1-226-239-00	RES, ADJ, CARBON 100K
RY301	1-515-519-00	RELAY
M81	22 31A	MOBRAD 00-808-TAS-I
M81	22 3051	MOBRAD 00-818-TAS-I

ELECTRICAL PARTS		
Ref. No.	Part No.	Description
S301	1-554-007-00	SWITCH, PUSH
S302	1-554-008-00	SWITCH, PUSH
S701	Δ.1-553-318-00	SWITCH, PUSH (AC POWER)(1 KEY)
S702	1-552-809-00	SWITCH, SLIDE
S703	1-552-539-00	SWITCH, KEY BOARD
S704	1-552-539-00	SWITCH, KEY BOARD
S705	1-552-539-00	SWITCH, KEY BOARD
S706	1-552-539-00	SWITCH, KEY BOARD
S707	1-552-539-00	SWITCH, KEY BOARD
S708	1-552-539-00	SWITCH, KEY BOARD
S709	1-552-539-00	SWITCH, KEY BOARD
S710	1-553-235-00	SWITCH, KEY BOARD
S711	1-553-235-00	SWITCH, KEY BOARD
S901	1-553-325-00	SWITCH
S902	1-554-205-00	SWITCH, PUSH
S903	1-554-205-00	SWITCH, PUSH
SP301	Δ.1-532-605-00	LINK, IC
SP302	Δ.1-532-605-00	LINK, IC
SP701	Δ.1-532-605-00	LINK, IC
SPK101	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)
SPK102	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)
SPK201	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)
SPK202	1-235-323-11	ENCAPSULATED PARTS (SPK UNIT)
T701	Δ.1-447-896-11	(Canadian)...TRANSFORMER, POWER
T701	Δ.1-447-897-11	(AEP).....TRANSFORMER, POWER
T701	Δ.1-447-898-11	(E).....TRANSFORMER, POWER
X701	1-527-802-00	OSCILLATOR, CERAMIC
X901	1-567-082-00	VIBRATOR, CRYSTAL
M81	22 301	MOBRAD 00-811-TAS-I
M81	22 302	MOBRAD 00-812-TAS-I
M81	22 303	MOBRAD 00-813-TAS-I
M81	22 308	MOBRAD 00-818-TAS-I
M81	22 310	MOBRAD 00-819-TAS-I
M81	22 311	MOBRAD 00-821-TAS-I
M81	22 312	MOBRAD 00-822-TAS-I
M81	22 313	MOBRAD 00-823-TAS-I
M81	22 314	MOBRAD 00-824-TAS-I
M81	22 315	MOBRAD 00-825-TAS-I
M81	22 316	MOBRAD 00-826-TAS-I
M81	22 317	MOBRAD 00-827-TAS-I
M81	22 318	MOBRAD 00-828-TAS-I
M81	22 319	MOBRAD 00-829-TAS-I
M81	22 320	MOBRAD 00-830-TAS-I
M81	22 321	MOBRAD 00-831-TAS-I
M81	22 322	MOBRAD 00-832-TAS-I
M81	22 323	MOBRAD 00-833-TAS-I
M81	22 324	MOBRAD 00-834-TAS-I
M81	22 325	MOBRAD 00-835-TAS-I
M81	22 326	MOBRAD 00-836-TAS-I
M81	22 327	MOBRAD 00-837-TAS-I
M81	22 328	MOBRAD 00-838-TAS-I
M81	22 329	MOBRAD 00-839-TAS-I
M81	22 330	MOBRAD 00-840-TAS-I
M81	22 331	MOBRAD 00-841-TAS-I
M81	22 332	MOBRAD 00-842-TAS-I
M81	22 333	MOBRAD 00-843-TAS-I
M81	22 334	MOBRAD 00-844-TAS-I
M81	22 335	MOBRAD 00-845-TAS-I
M81	22 336	MOBRAD 00-846-TAS-I
M81	22 337	MOBRAD 00-847-TAS-I
M81	22 338	MOBRAD 00-848-TAS-I
M81	22 339	MOBRAD 00-849-TAS-I
M81	22 340	MOBRAD 00-850-TAS-I
M81	22 341	MOBRAD 00-851-TAS-I
M81	22 342	MOBRAD 00-852-TAS-I
M81	22 343	MOBRAD 00-853-TAS-I
M81	22 344	MOBRAD 00-854-TAS-I
M81	22 345	MOBRAD 00-855-TAS-I
M81	22 346	MOBRAD 00-856-TAS-I
M81	22 347	MOBRAD 00-857-TAS-I
M81	22 348	MOBRAD 00-858-TAS-I
M81	22 349	MOBRAD 00-859-TAS-I
M81	22 350	MOBRAD 00-860-TAS-I
M81	22 351	MOBRAD 00-861-TAS-I
M81	22 352	MOBRAD 00-862-TAS-I
M81	22 353	MOBRAD 00-863-TAS-I
M81	22 354	MOBRAD 00-864-TAS-I
M81	22 355	MOBRAD 00-865-TAS-I
M81	22 356	MOBRAD 00-866-TAS-I
M81	22 357	MOBRAD 00-867-TAS-I
M81	22 358	MOBRAD 00-868-TAS-I
M81	22 359	MOBRAD 00-869-TAS-I
M81	22 360	MOBRAD 00-870-TAS-I
M81	22 361	MOBRAD 00-871-TAS-I
M81	22 362	MOBRAD 00-872-TAS-I
M81	22 363	MOBRAD 00-873-TAS-I
M81	22 364	MOBRAD 00-874-TAS-I
M81	22 365	MOBRAD 00-875-TAS-I
M81	22 366	MOBRAD 00-876-TAS-I
M81	22 367	MOBRAD 00-877-TAS-I
M81	22 368	MOBRAD 00-878-TAS-I
M81	22 369	MOBRAD 00-879-TAS-I
M81	22 370	MOBRAD 00-880-TAS-I
M81	22 371	MOBRAD 00-881-TAS-I
M81	22 372	MOBRAD 00-882-TAS-I
M81	22 373	MOBRAD 00-883-TAS-I
M81	22 374	MOBRAD 00-884-TAS-I
M81	22 375	MOBRAD 00-885-TAS-I
M81	22 376	MOBRAD 00-886-TAS-I
M81	22 377	MOBRAD 00-887-TAS-I
M81	22 378	MOBRAD 00-888-TAS-I
M81	22 379	MOBRAD 00-889-TAS-I
M81	22 380	MOBRAD 00-890-TAS-I
M81	22 381	MOBRAD 00-891-TAS-I
M81	22 382	MOBRAD 00-892-TAS-I
M81	22 383	MOBRAD 00-893-TAS-I
M81	22 384	MOBRAD 00-894-TAS-I
M81	22 385	MOBRAD 00-895-TAS-I
M81	22 386	MOBRAD 00-896-TAS-I
M81	22 387	MOBRAD 00-897-TAS-I
M81	22 388	MOBRAD 00-898-TAS-I
M81	22 389	MOBRAD 00-899-TAS-I
M81	22 390	MOBRAD 00-900-TAS-I
M81	22 391	MOBRAD 00-901-TAS-I
M81	22 392	MOBRAD 00-902-TAS-I
M81	22 393	MOBRAD 00-903-TAS-I
M81	22 394	MOBRAD 00-904-TAS-I
M81	22 395	MOBRAD 00-905-TAS-I
M81	22 396	MOBRAD 00-906-TAS-I
M81	22 397	MOBRAD 00-907-TAS-I
M81	22 398	MOBRAD 00-908-TAS-I
M81	22 399	MOBRAD 00-909-TAS-I
M81	22 400	MOBRAD 00-910-TAS-I
M81	22 401	MOBRAD 00-911-TAS-I
M81	22 402	MOBRAD 00-912-TAS-I
M81	22 403	MOBRAD 00-913-TAS-I
M81	22 404	MOBRAD 00-914-TAS-I
M81	22 405	MOBRAD 00-915-TAS-I
M81	22 406	MOBRAD 00-916-TAS-I
M81	22 407	MOBRAD 00-917-TAS-I
M81	22 408	MOBRAD 00-918-TAS-I
M81	22 409	MOBRAD 00-919-TAS-I
M81	22 410	MOBRAD 00-920-TAS-I
M81	22 411	MOBRAD 00-921-TAS-I
M81	22 412	MOBRAD 00-922-TAS-I
M81	22 413	MOBRAD 00-923-TAS-I
M81	22 414	MOBRAD 00-924-TAS-I
M81	22 415	MOBRAD 00-925-TAS-I
M81	22 416	MOBRAD 00-926-TAS-I
M81	22 417	MOBRAD 00-927-TAS-I
M81	22 418	MOBRAD 00-928-TAS-I
M81	22 419	MOBRAD 00-929-TAS-I
M81	22 420	MOBRAD 00-930-TAS-I
M81	22 421	MOBRAD 00-931-TAS-I
M81	22 422	MOBRAD 00-932-TAS-I
M81	22 423	MOBRAD 00-933-TAS-I
M81	22 424	MOBRAD 00-934-TAS-I
M81	22 425	MOBRAD 00-935-TAS-I
M81	22 426	MOBRAD 00-936-TAS-I
M81	22 427	MOBRAD 00-937-TAS-I
M81	22 428	MOBRAD 00-938-TAS-I
M81	22 429	MOBRAD 00-939-TAS-I
M81	22 430	MOBRAD 00-940-TAS-I
M81	22 431	MOBRAD 00-941-TAS-I
M81	22 432	MOBRAD 00-942-TAS-I
M81	22 433	MOBRAD 00-943-TAS-I
M81	22 434	MOBRAD 00-944-TAS-I
M81	22 435	MOBRAD 00-945-TAS-I
M81	22 436	MOBRAD 00-946-TAS-I
M81	22 437	MOBRAD 00-947-TAS-I
M81	22 438	MOBRAD 00-948-TAS-I
M81	22 439	MOBRAD 00-949-TAS-I
M81	22 440	MOBRAD 00-950-TAS-I
M81	22 441	MOBRAD 00-951-TAS-I
M81	22 442	MOBRAD 00-952-TAS-I
M81	22 443	MOBRAD 00-953-TAS-I
M81	22 444	MOBRAD 00-954-TAS-I
M81	22 445	MOBRAD 00-955-TAS-I
M81	22 446	MOBRAD 00-956-TAS-I
M81	22 447	MOBRAD 00-957-TAS-I
M81	22 448	MOBRAD 00-958-TAS-I
M81	22 449	MOBRAD 00-959-TAS-I
M81	22 450	MOBRAD 00-960-TAS-I
M81	22 451	MOBRAD 00-961-TAS-I
M81	22 452	MOBRAD 00-962-TAS-I
M81	22 453	MOBRAD 00-963-TAS-I
M81	22 454	MOBRAD 00-964-TAS-I
M81	22 455	MOBRAD 00-965-TAS-I
M81	22 456	MOBRAD 00-966-TAS-I
M81	22 457	MOBRAD 00-967-TAS-I
M81	22 458	MOBRAD 00-968-TAS-I
M81	22 459	MOBRAD 00-969-TAS-I
M81	22 460	MOBRAD 00-970-TAS-I
M81	22 461	MOBRAD 00-971-TAS-I
M81	22 462	MOBRAD 00-972-TAS-I
M81	22 463	MOBRAD 00-973-TAS-I
M81	22 464	MOBRAD 00-974-TAS-I
M81	22 465	MOBRAD 00-975-TAS-I
M81	22 466	MOBRAD 00-976-TAS-I
M81	22 467	MOBRAD 00-977-TAS-I
M81	22 468	MOBRAD 00-978-TAS-I
M81	22 469	MOBRAD 00-979-TAS-I
M81	22 470	MOBRAD 00-980-TAS-I
M81	22 471	MOBRAD 00-981-TAS-I
M81	22 472	MOBRAD 00-982-TAS-I
M81	22 473	MOBRAD 00-983-TAS-I
M81	22 474	MOBRAD 00-984-TAS-I
M81	22 475	MOBRAD 00-985-TAS-I
M81	22 476	MOBRAD 00-986-TAS-I
M81	22 477	MOBRAD 00-987-TAS-I
M81	22 478	MOBRAD 00-988-TAS-I
M81	22 479	MOBRAD 00-989-TAS-I
M81	22 480	MOBRAD 00-990-TAS-I
M81	22 481	MOBRAD 00-991-TAS-I
M81	22 482	MOBRAD 00-992-TAS-I
M81	22 483	MOBRAD 00-993-TAS-I
M81	22 484	MOBRAD 00-994-TAS-I
M81	22 485	MOBRAD 00-995-TAS-I
M81	22 486	MOBRAD 00-996-TAS-I
M81	22 487	MOBRAD 00-997-TAS-I
M81	22 488	MOBRAD 00-998-TAS-I
M81	22 489	MOBRAD 00-999-TAS-I
M81	22 490	MOBRAD 00-