

Service Manual

Dolby NR-Equipped
Stereo Double Cassette Deck

Cassette Deck

RS-CH700

Colour

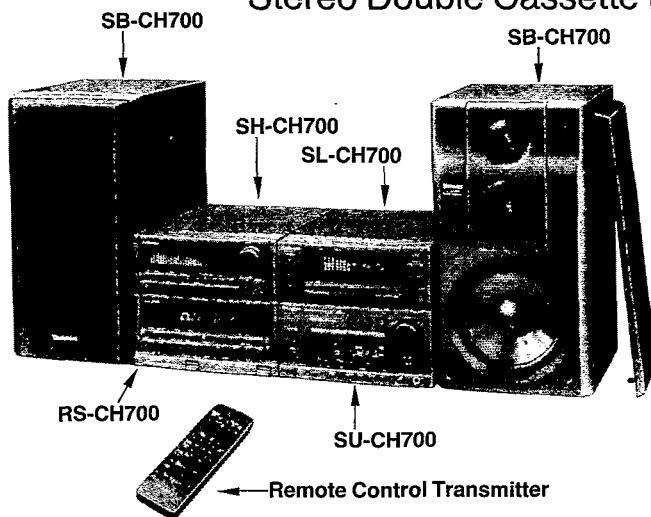
(K) Black Type

*** DOLBY B-C NR HX PRO**

Area

Suffix for Model No.	Area	Colour
(E)	Continental Europe, Great Britain, Germany, Italy, Asia, Latin America, Middle Near East, Africa and Oceania	(K)

System: SC-CH700



RS-TR165 MECHANISM SERIES (AR300)

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

SPECIFICATIONS

Deck system:	Compact cassette stereo
Tape speed:	4.8 cm/sec.
Bias frequency:	80 kHz
Heads:	
(DECK 2) REC/PLAY;	Permalloy head
Erasing;	Double-gap ferrite head
(DECK 1) PLAY;	Permalloy head
Motors:	
(DECK 2);	DC servo motor
(DECK 1);	DC servo motor
Wow and flutter:	0.1% (WRMS)
Fast Forward and Rewind Time:	Approx. 110 seconds with C-60 cassette tape
Frequency response (CCRT ON):	
Normal;	20~17000 Hz
	30~15000 Hz (DIN)
CrO ₂ ;	20~18000 Hz
	30~17000 Hz (DIN)
METAL;	20~20000 Hz
	30~19000 Hz (DIN)

S/N (CrO₂):

DOLBY B NR on;	66 dB (CCIR)
DOLBY C NR on;	74 dB (CCIR)
DOLBY off;	56 dB (A WTD, signal level: MOL)

GENERAL

Dimensions (W×H×D):	215×110×279 mm
Weight:	2.8 kg

Notes:

- Specifications are subject to change without notice.
- Weight and dimensions shown are approximate.

*HX Pro headroom extension originated by Bang Olufsen and manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY", the double-D symbol, and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

System	Tuner/CD player	Sound Processor	Power Amplifier	Cassette Deck	Speakers
SC-CH700	SL-CH700	SH-CH700	SU-CH700	RS-CH700	*SB-CH700

Continental Europe, Great Britain,
Germany and Italy areas Made in PAES

Technics

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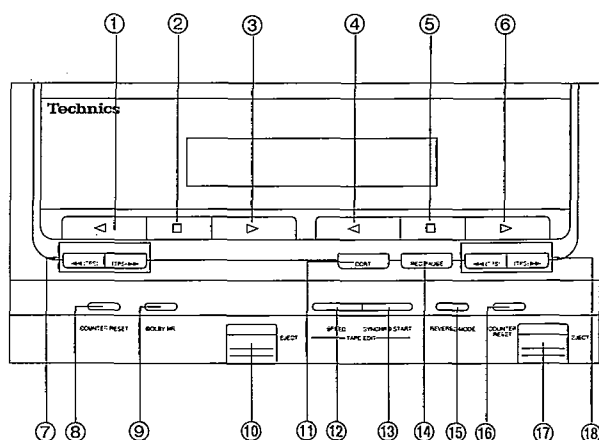
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NOTES:

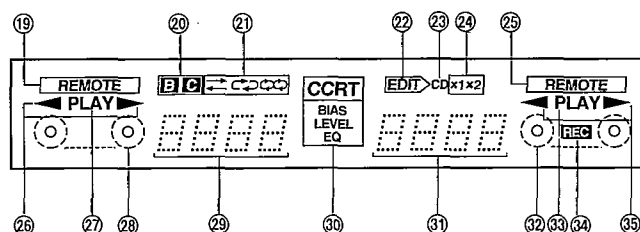
Refer to the service manual for Model No. SU-CH700, Order No. AD9202022C8 for information on ACCESSORIES, CONNECTIONS and PACKAGING.

LOCATION OF CONTROL



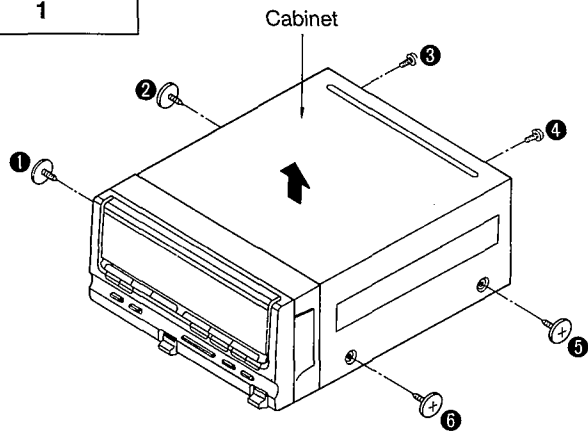
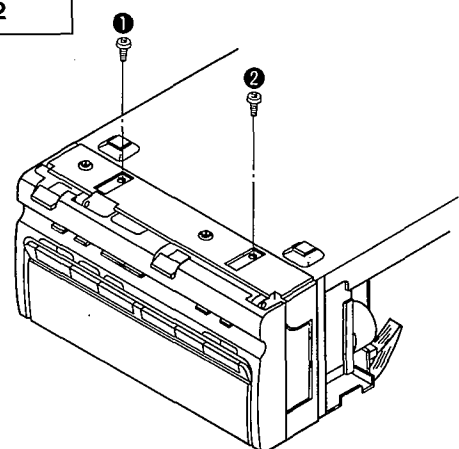
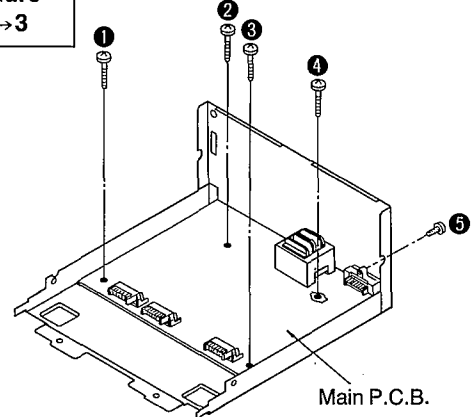
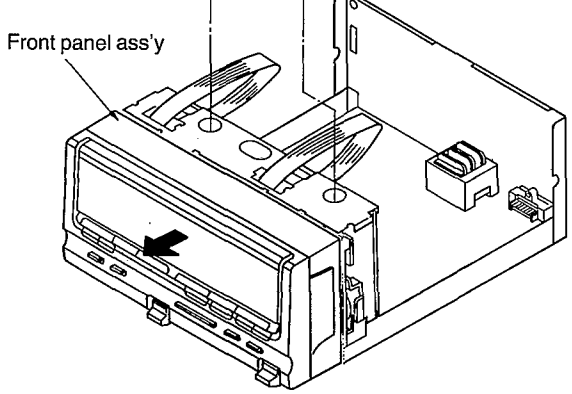
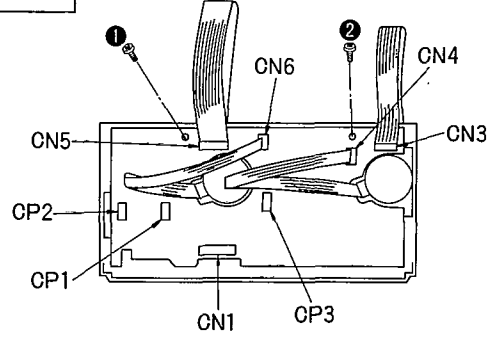
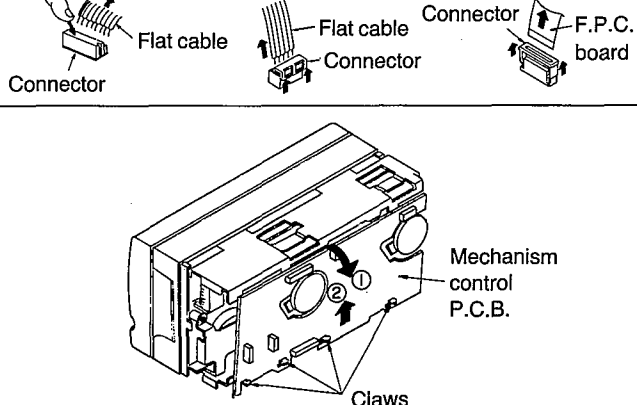
- ① Deck 1 reverse side playback button (◀)
- ② Deck 1 stop button (□)
- ③ Deck 1 forward side playback button (▶)
- ④ Deck 2 reverse side playback button (◀)
- ⑤ Deck 2 stop button (□)
- ⑥ Deck 2 forward side playback button (▶)
- ⑦ Deck 1 Fast-forward/rewind/tape program sensor buttons [◀◀ (TPS), (TPS) ▶▶]
- ⑧ Deck 1 counter reset button (COUNTER RESET)
- ⑨ Dolby noise reduction button (DOLBY NR)
- ⑩ Deck 1 cassette eject button (EJECT)
- ⑪ CCRT (computer control record tuning) button (CCRT)
- ⑫ Edit speed select button (SPEED)
- ⑬ Synchro start button (SYNCHRO START)
- ⑭ Record/record standby button (REC PAUSE)
- ⑮ Reverse mode select button (REVERSE MODE)
- ⑯ Deck 2 counter reset button (COUNTER RESET)
- ⑰ Deck 2 cassette eject button (EJECT)
- ⑱ Deck 2 Fast-forward/rewind/tape program sensor buttons [◀◀ (TPS), (TPS) ▶▶]

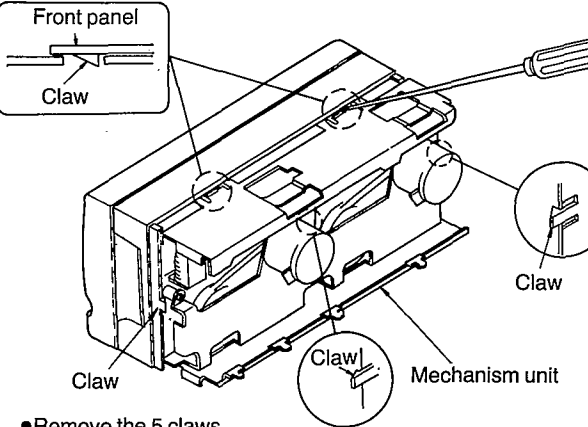
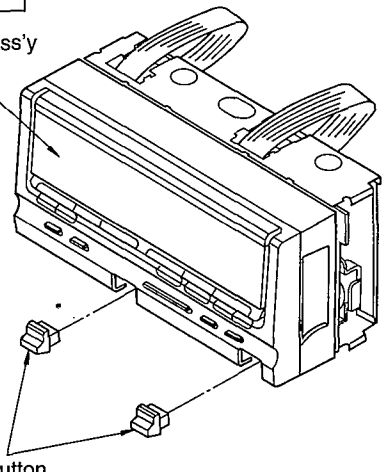
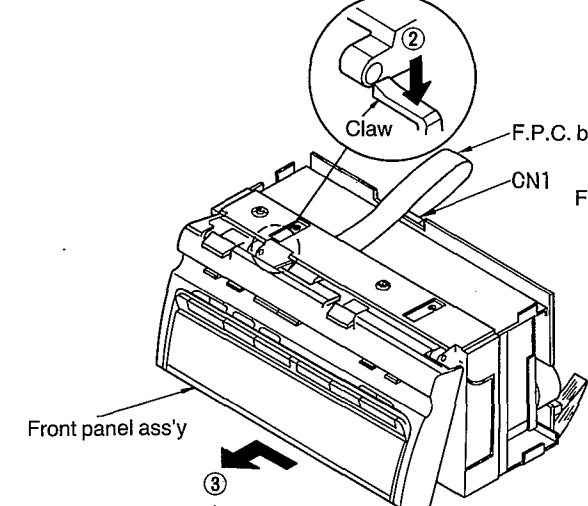
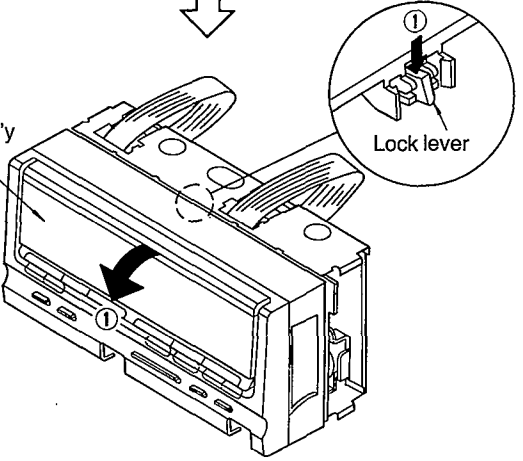
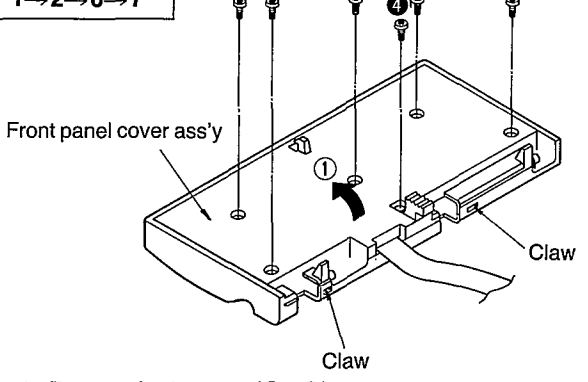
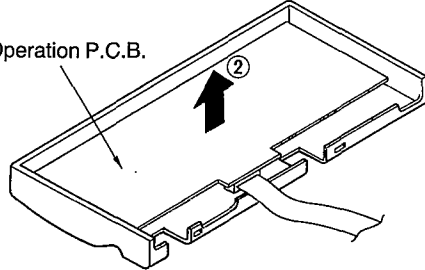
•Display

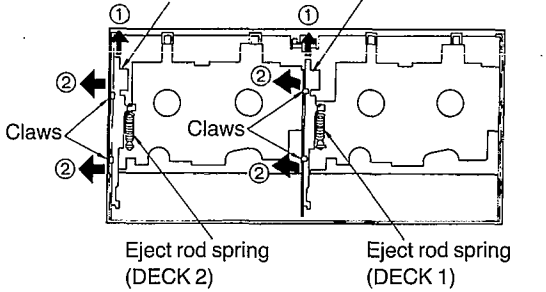
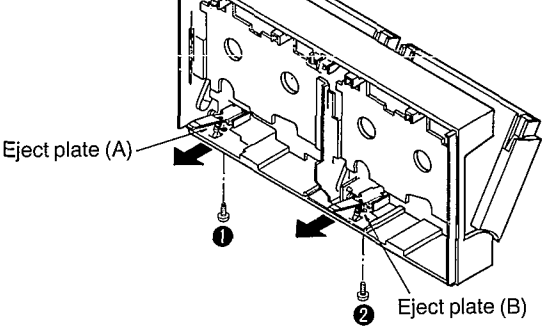
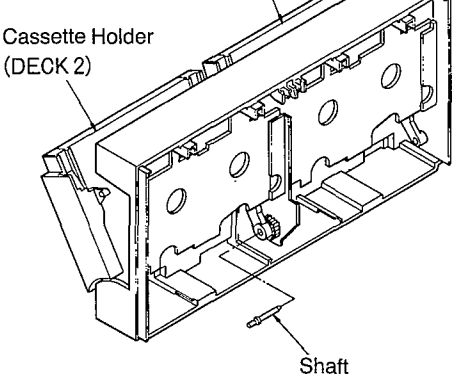
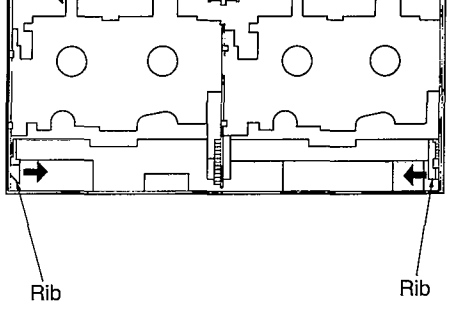
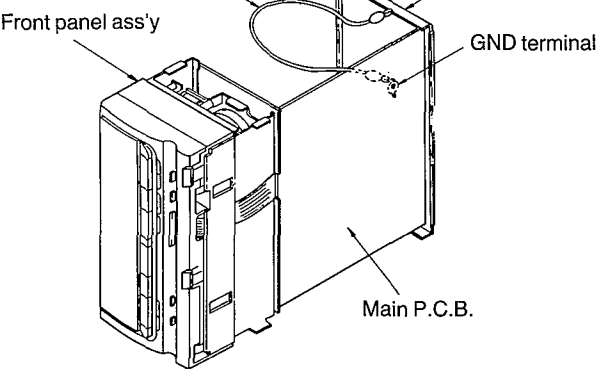


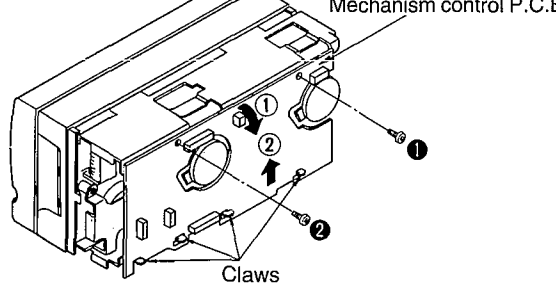
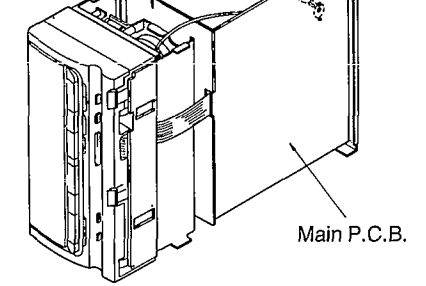
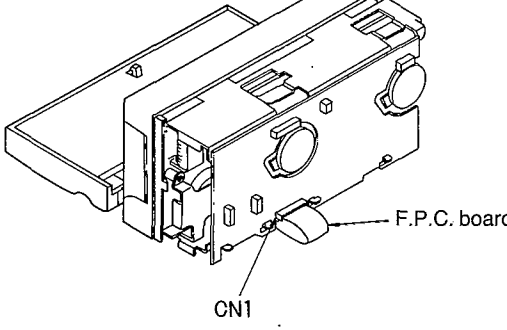
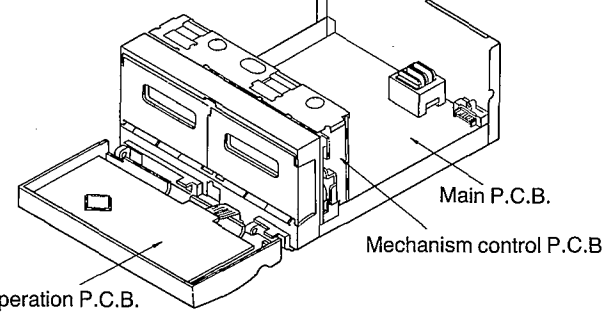
- ⑲ Deck 1 remote indicator (REMOTE)
- ⑳ Dolby noise reduction indicators (B, C)
- ㉑ Reverse mode indicators (↔, ↔, ↔)
- ㉒ Edit indicator (EDIT)
- ㉓ CD edit indicator (CD)
- ㉔ Edit speed indicators (×1, ×2)
- ㉕ Deck 2 remote indicator (REMOTE)
- ㉖ Deck 1 tape travel direction indicators (◀, ▶)
- ㉗ Deck 1 playback indicator (PLAY)
- ㉘ Deck 1 tape indicator
- ㉙ Deck 1 tape counter
- ㉚ CCRT indicator
- ㉛ Deck 2 tape counter
- ㉜ Deck 2 tape indicator
- ㉝ Deck 2 playback indicator (PLAY)
- ㉞ Recording indicator (REC)
- ㉟ Deck 2 tape travel direction indicators (◀, ▶)

DISASSEMBLY INSTRUCTIONS

Ref. No. 1	Removal of the Cabinet	Ref. No. 2	Removal of the Front Panel Ass'y
Procedure 1	 ●Remove the 6 screws (1~6).	Procedure 1→2	 1. Remove the 2 screws (1, 2).
Ref. No. 3	Removal of the Main P.C.B.		
Procedure 1→2→3	 ●Remove the 5 screws (1~5).		 2. Remove the 2 screws (3, 4). 3. Remove the front panel ass'y in the direction of the arrow.
Ref. No. 4	Removal of the Mechanism Control P.C.B.		
Procedure 1→2→4	 1. Remove the 3 connectors (CP1, CP2, CP3). 2. Remove the 4 flat cables (CN3, CN4, CN5, CN6). 3. Remove the F.P.C. board (CN1). 4. Remove the 2 screws (1, 2).		●Push the top of the connector and then pull out the flat cable. (CN3, CN5) 1. Lift up the connector. 2. Pull out the flat cable. (CN4, CN6) ●Lift the top of the connector and then pull out the F.P.C. board. (CN1)  5. Move the Mechanism P.C.B. in the direction of the arrows ① and ②, and then remove the claws.

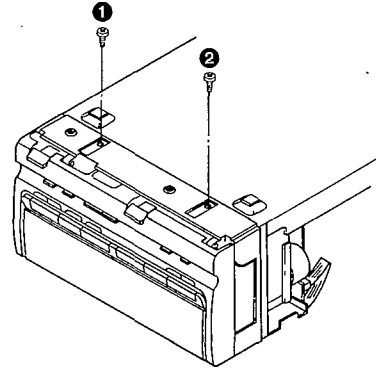
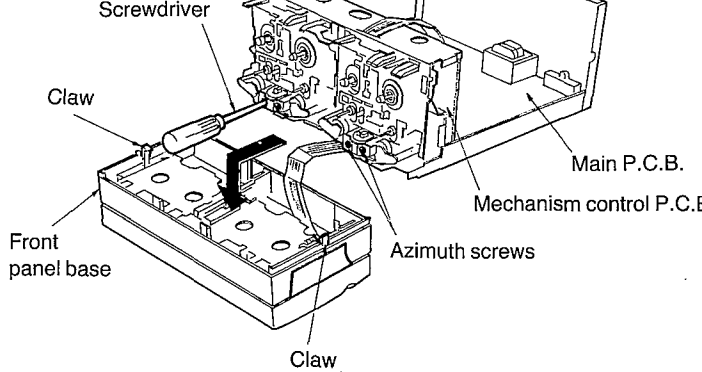
Ref. No. 5	Removal of the Mechanism Unit	Ref. No. 6	Removal of the Front Panel Ass'y
Procedure 1→2→4→5	 ●Remove the 5 claws.	Procedure 1→2→6	 1. Pull out the 2 eject buttons.
	 3. Remove the F.P.C. board (CN1). 4. Push the claw in the direction of the arrow ②, and then remove the Front panel ass'y in the direction of the arrow ③.		 2. Push the Lock lever in the direction of the arrow ①, and then open the Front panel ass'y.
Ref. No. 7	Removal of the Operation P.C.B.		
Procedure 1→2→6→7	 1. Remove the 6 screws (1~6). 2. Remove the 2 claws. 3. Remove the Front panel cover ass'y in the direction of the arrow ①.		 4. Remove the Operation P.C.B. in the direction of the arrow ②.

Ref. No. 8	Removal of the Eject Rod (DECK 1 and DECK 2)	Ref. No. 9	Removal of the Eject plate (A) and Eject plate (B)
Procedure 1→2→4→5→ 6→8	 Eject rod (DECK 2) Eject Rod (DECK 1) Claws Eject rod spring (DECK 2) Eject rod spring (DECK 1) 1. Push the Eject rod in the direction of the arrow ①. 2. Remove the spring. 3. Push the 2 claws in the direction of the arrow ②, and then remove the Eject rod.	 Eject plate (A) Eject plate (B) 1. Remove the 2 screws (①, ②). 2. Remove the Eject plate (A) or Eject plate (B)	
Ref. No. 10	Removal of the Cassette Holder (DECK 1 and DECK 2)		
Procedure 1→2→4→5→ 6→8→9→10	 Cassette Holder (DECK 1) Cassette Holder (DECK 2) Shaft 1. Pull out the shaft.	 Rib Rib 2. Push the Rib in the direction of the arrow.	
Ref. No. 11	Check of the Main P.C.B.		
Procedure 1→2→3→11	 Front panel ass'y Lead wire Rear panel GND terminal Main P.C.B. 1. Reinstall the front panel ass'y to the Main P.C.B. 2. Reinstall the Rear Panel to the Main P.C.B. 3. Connect the wire between Main P.C.B. (Ground) and Rear Panel. 4. When checking the soldered surface of the Main P.C.B., do as shown in the Figure.		

Ref. No. 12	Check of the Mechanism Control P.C.B.		
Procedure 1→2→3→ 11→12	 Mechanism control P.C.B. Claws Main P.C.B. 1. Remove the 2 screws (①, ②). 2. Move the Mechanism control P.C.B. in the direction of the arrows ① and ②, and then remove the claws.	 Mechanism control P.C.B. Main P.C.B. 3. Reinstall the Mechanism control P.C.B. to the Main P.C.B. 4. When checking the soldered surface of the Mechanism control P.C.B., do as shown in the Figure above.	
Ref. No. 13	Check of the Operation P.C.B.		
Procedure 1→2→6→7→13	 F.P.C. board CN1 Operation P.C.B. 1. Connect the F.P.C. board (CN1). Note: Make sure not to damage the F.P.C. board.	 Main P.C.B. Mechanism control P.C.B. Operation P.C.B. 2. Reinstall the Mechanism control P.C.B. to the Main P.C.B. 3. When checking the soldered surface of the Operation P.C.B., do as shown in the Figure above.	

MEASUREMENTS AND ADJUSTMENTS

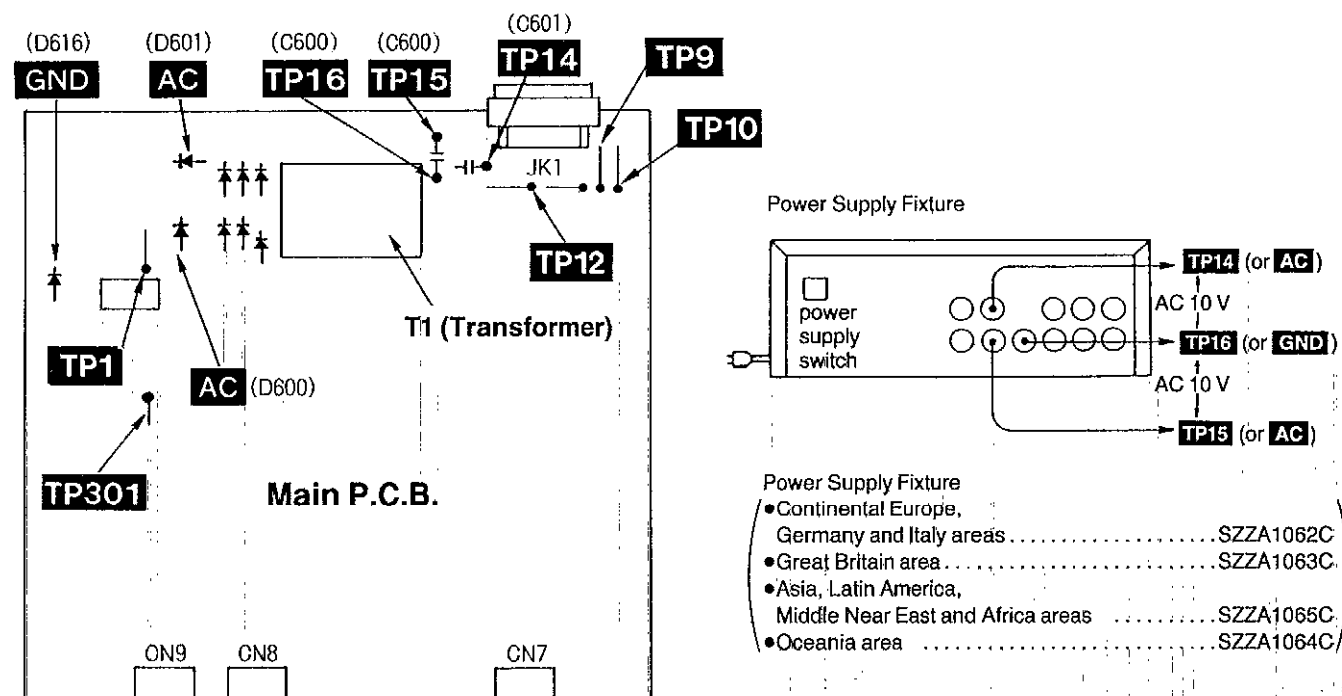
How to Adjust Head Azimuth

 1. Remove the cabinet (see Ref. No. 1 of the disassembly instructions). 2. Remove the 2 screws (①, ②).	 3. Remove the front panel base in the direction of the arrow and then remove the claws. 4. Adjust the azimuth screws as shown in the figure.
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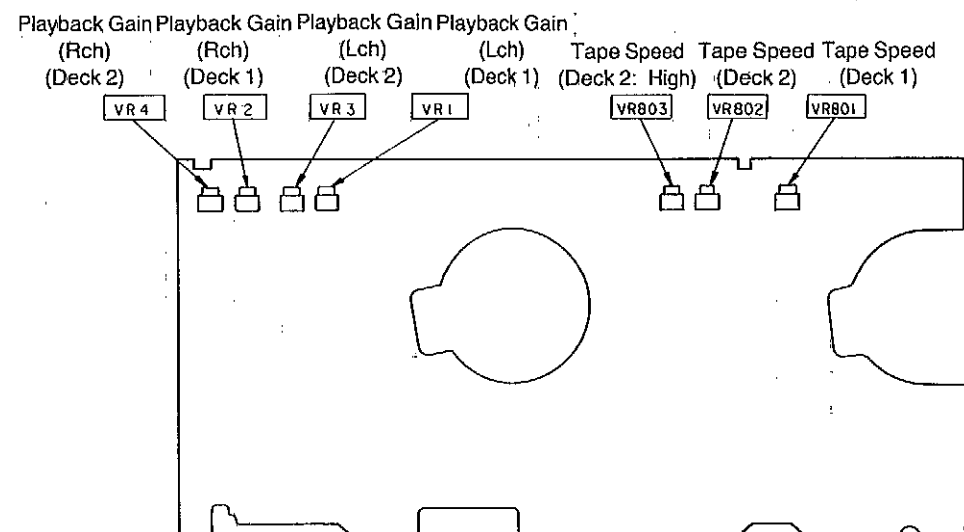
This tape deck (RS-CH700) is powered by the amplifier (SU-CH700).

To adjust or check operations on the tape deck as a separate unit, follow the instructions below.

- Apply a power supply voltage of AC 10 V connect to **TP14** (or **AC D601**), **TP15** (or **AC D600**) and **TP16** (or **GND**).
- How to CONNECT



• Adjustment Points



Measurement Condition

- Rec. level control; Maximum
- Timer switch; Off
- Reverse-mode selector switch; $\rightarrow$
- Edit-recording tape-speed selector; X1

Measuring Instrument

- EVM (Electronic Voltmeter)
- Oscilloscope
- Digital frequency counter
- AF oscillator

Test tape

- Head azimuth adjustment (8kHz, -20dB); QZZCFM
- Tape speed adjustment (3kHz, -10dB); QZZCWAT
- Playback frequency response (315Hz, 12.5kHz, 10kHz, 8kHz, 4kHz, 1kHz, 250Hz, 125Hz, 63Hz, -20dB); QZZCFM

- Dolby NR switch; Off
- Make sure heads are clean
- Make sure capstan and pressure roller are clean
- Judgeable room temperature $20 \pm 5^\circ\text{C}$ ($68 \pm 9^\circ\text{F}$)

- ATT (Attenuator)
- DC voltmeter
- Resistor (600 Ω)

- Playback gain adjustment (315Hz, 0dB); QZZCFM
- Overall frequency response, Overall gain adjustment
Normal reference blank tape; QZZCRA
CrO₂ reference blank tape; QZZCRX
Metal reference blank tape; QZZCRZ

HEAD AZIMUTH ADJUSTMENT (DECK 1/2)

1. Playback the azimuth adjustment portion (8kHz, -20dB) of the test tape (QZZCFM). Vary the azimuth adjusting screw until the outputs of the L-CH and R-CH are maximized and the lissajous waveform, as illustrated, approaches 0 degrees.

Note: If L-CH and R-CH are not maximized at the same point, adjust to the point where the levels of each channel are maximized and equal.

2. Perform the same adjustment in the play mode.
3. After the adjustment, apply screwlock to the azimuth adjusting screw.

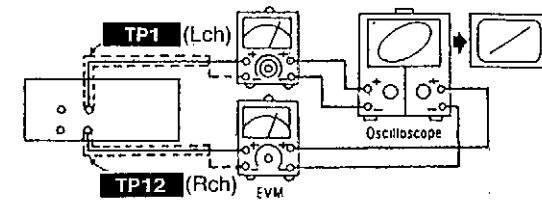


Fig. 1

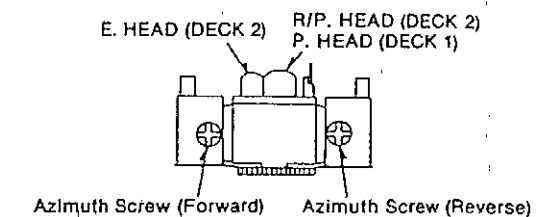


Fig. 2

TAPE SPEED ADJUSTMENT (DECK 1/2)

Normal speed

1. Shift the edit-recording tape-speed selector to "NORMAL".
2. Playback the middle portion of the test tape (QZZCWAT).
3. Adjust Deck 1=VR801 and Deck 2=VR802 so that the output is within the standard value.

Standard value: 3000 ± 15 Hz (NORMAL speed)

High speed [Set the unit to forward (FWD) mode.]

4. Push the edit speed button (X2). This will set the high speed mode.
5. Playback the middle portion on the test tape (QZZCWAT).
6. At that time, check if the output from DECK 1 is within the standard value.

Standard value: 6000 ± 630 Hz (HIGH speed)

7. Adjust VR803 so that the output frequency of DECK 2 is within ± 30 Hz of the value of the output frequency of DECK 1.

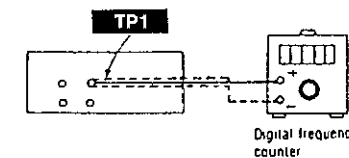


Fig. 3

PLAYBACK GAIN ADJUSTMENT (DECK 1/2)

1. Playback the gain adjusted portion (315Hz, 0dB) of the test tape (QZZCFM).
2. Adjust Deck 2=VR3 (L-CH) [VR4 (R-CH)] and Deck 1=VR1 (L-CH) [VR2 (R-CH)] so that the output is within the standard value.

Standard value: $400 \text{ mV} \pm 0.5 \text{ dB}$

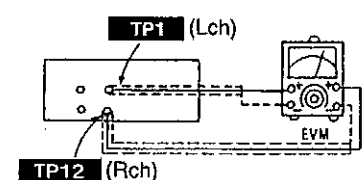


Fig. 4

PLAYBACK FREQUENCY RESPONSE (DECK 1/2)

1. Playback the frequency response portion (315Hz, 12.5kHz~63Hz, -20dB) of the test tape (QZZCFM).
2. Assume that the frequency response is within the range shown in Fig. 6 for both L-CH and R-CH.

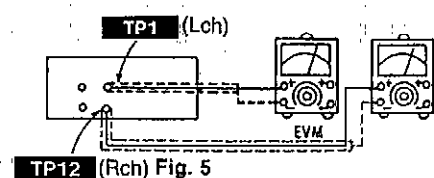


Fig. 5

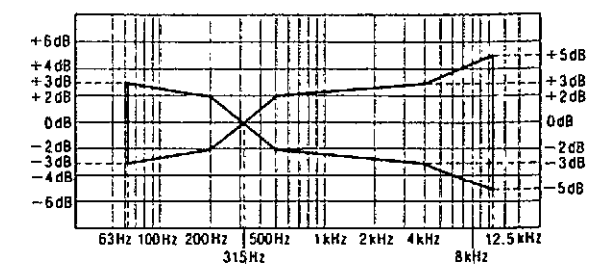


Fig. 6

ERASE CURRENT CONFIRMATION (DECK 2)

1. Insert the Metal blank test tape (QZZCRZ) and set the unit to the Record Pause mode.
2. Check if the output at this time between the erase current confirmation point **TP301** and **GND** (chassis) (the output on both edges of R327) is within the standard value.

Standard value: $220 \text{ mA} \pm 15 \text{ mA}$ (Metal)

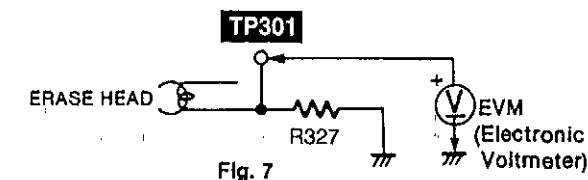


Fig. 7

OVERALL FREQUENCY RESPONSE (DECK 2)

1. Insert the Normal blank test tape (QZZCRA) and set the unit to the Record Pause mode.
2. Apply a reference input signal (1 kHz, -36 dB and 10 kHz, -36 dB) through an attenuator.
3. Record the frequency sweep.
4. Playback the recorded signal and assure that it is within the range shown in Fig. 8 in comparison to the reference frequency (1 kHz).
5. Repeat steps 2~6 above using the CrO₂ tape (QZZCRX) and the Metal tape (QZZCRZ) increasing the frequency range to 12.5kHz (50Hz~12.5kHz).
6. Assume that the level is within the range shown in Fig. 9.

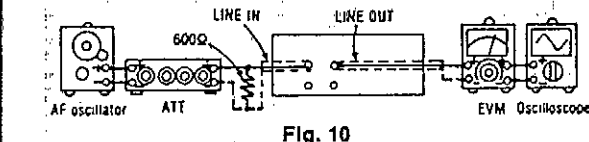


Fig. 10

Normal Overall frequency response chart (NR OUT)

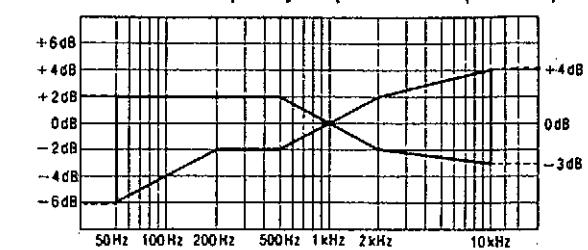


Fig. 8

CrO₂ Metal Overall frequency response chart (NR OUT)

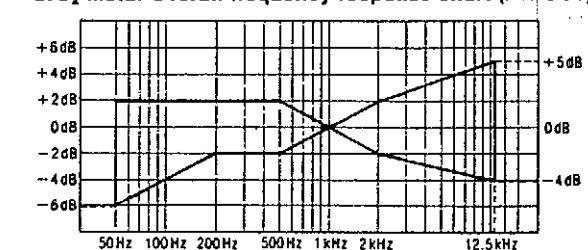


Fig. 9

OVERALL GAIN ADJUSTMENT (DECK 2)

1. Insert the Normal blank test tape (QZZCRA) and set the unit to the Record pause mode.
2. Apply a reference input signal (1 kHz, -19 dB). Attenuate the output so that its level becomes 0.4V.
3. Record this input signal.
4. Playback the signal recorded in step 3 above, and assure that the output is within the standard value.

Standard value: $0.4 \text{ V} \pm 0.5 \text{ dB}$

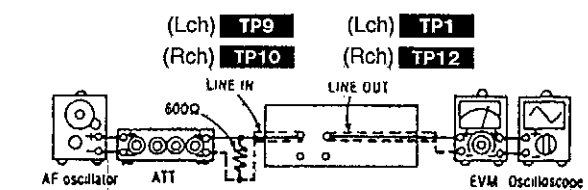
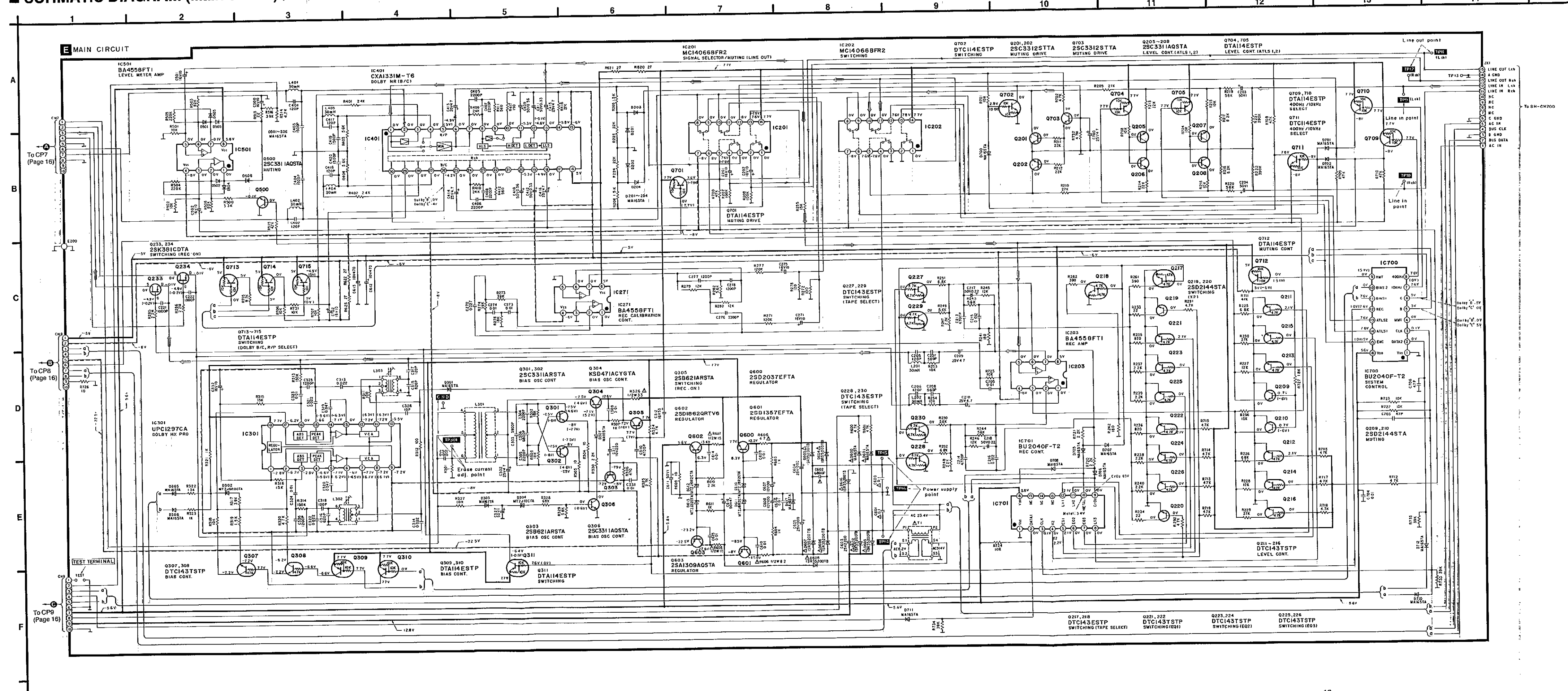


Fig. 11

■ SCHEMATIC DIAGRAM (Main circuit) (Parts list on pages 27~30.)



SCHEMATIC DIAGRAM (Mechanism/Operation circuit) (Parts list on pages 27~30.)

Notes:

- S910 : STOP Switch (DECK 1).
- S911 : FF Switch (DECK 1).
- S912 : REW Switch (DECK 1).
- S913 : FWD. PLAY Switch (DECK 1).
- S914 : REV. PLAY Switch (DECK 1).
- S918 : Dolby NR Switch.
- S919 : Counter Reset Switch (DECK 1).
- S920 : STOP Switch (DECK 2).
- S921 : FF Switch (DECK 2).
- S922 : REW Switch (DECK 2).
- S923 : FWD. PLAY Switch (DECK 2).
- S924 : REV. PLAY Switch (DECK 2).
- S925 : REC Pause Switch.
- S927 : Synchro Start Switch.
- S928 : Speed Switch (X1, X2).
- S929 : CCRT Switch.
- S930 : Counter Reset Switch (DECK 2).
- S931 : Reverse Mode Select Switch.
- S971 : Mode Detect Switch (DECK 1).
- S972 : Half Detect Switch (DECK 1).
- S973 : CrO/METAL Tape Detect Switch (DECK 1).
- S971A : Mode Detect Switch (DECK 2).
- S972A : Half Detect Switch (DECK 2).
- S973A : Reverse Side Record Prevention Detect Switch (DECK 2).
- S974A : Forward Side Record Prevention Detect Switch (DECK 2).
- S975A : CrO Tape Detect Switch (DECK 2).
- S976A : METAL Tape Detect Switch (DECK 2).

•Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.

- Positive Voltage Line
- - - Negative Voltage Line
- Playback Signal Line
- Recording Signal Line

No mark...Playback ()...Recording

- Important safety notice:
Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- The supply part number is described alone in the replacement parts list.

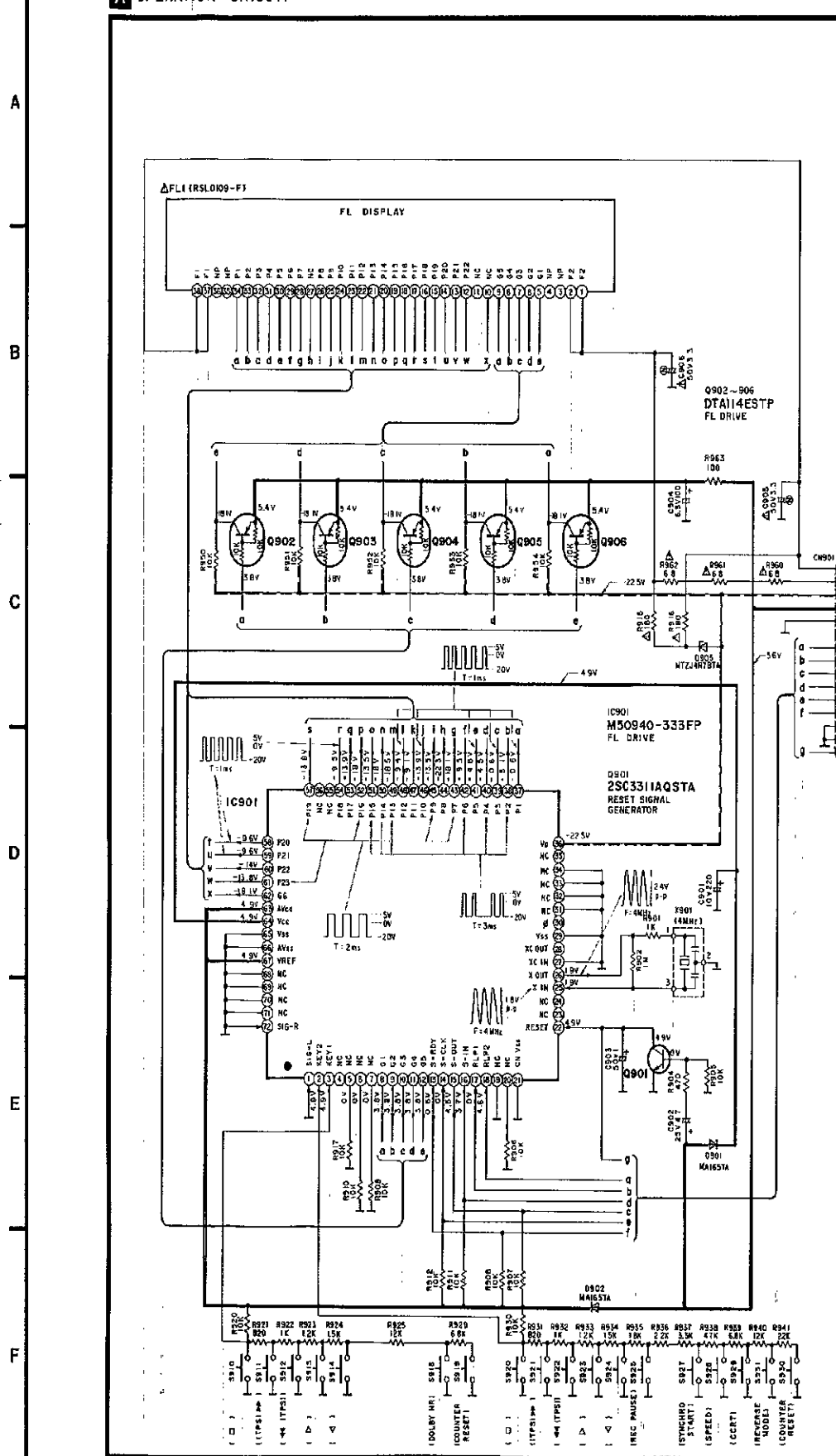
Ref. No.	Production Parts No.	Supply Parts No.
IC4 IC203 IC271 IC501	BA4558FT1	SV1BA4558F

- This schematic diagram may be modified at any time with the development of new technology.

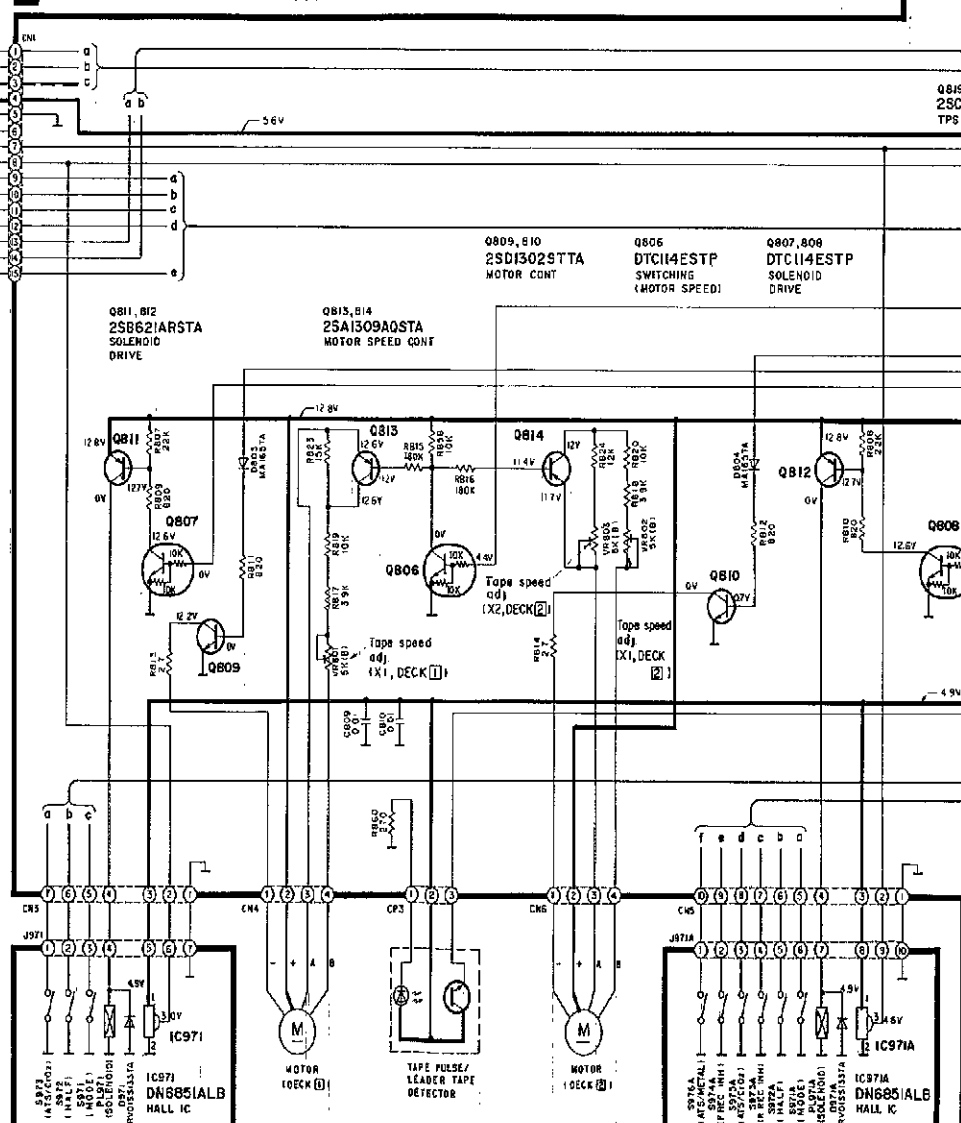
Caution!

- IC and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.

A OPERATION CIRCUIT

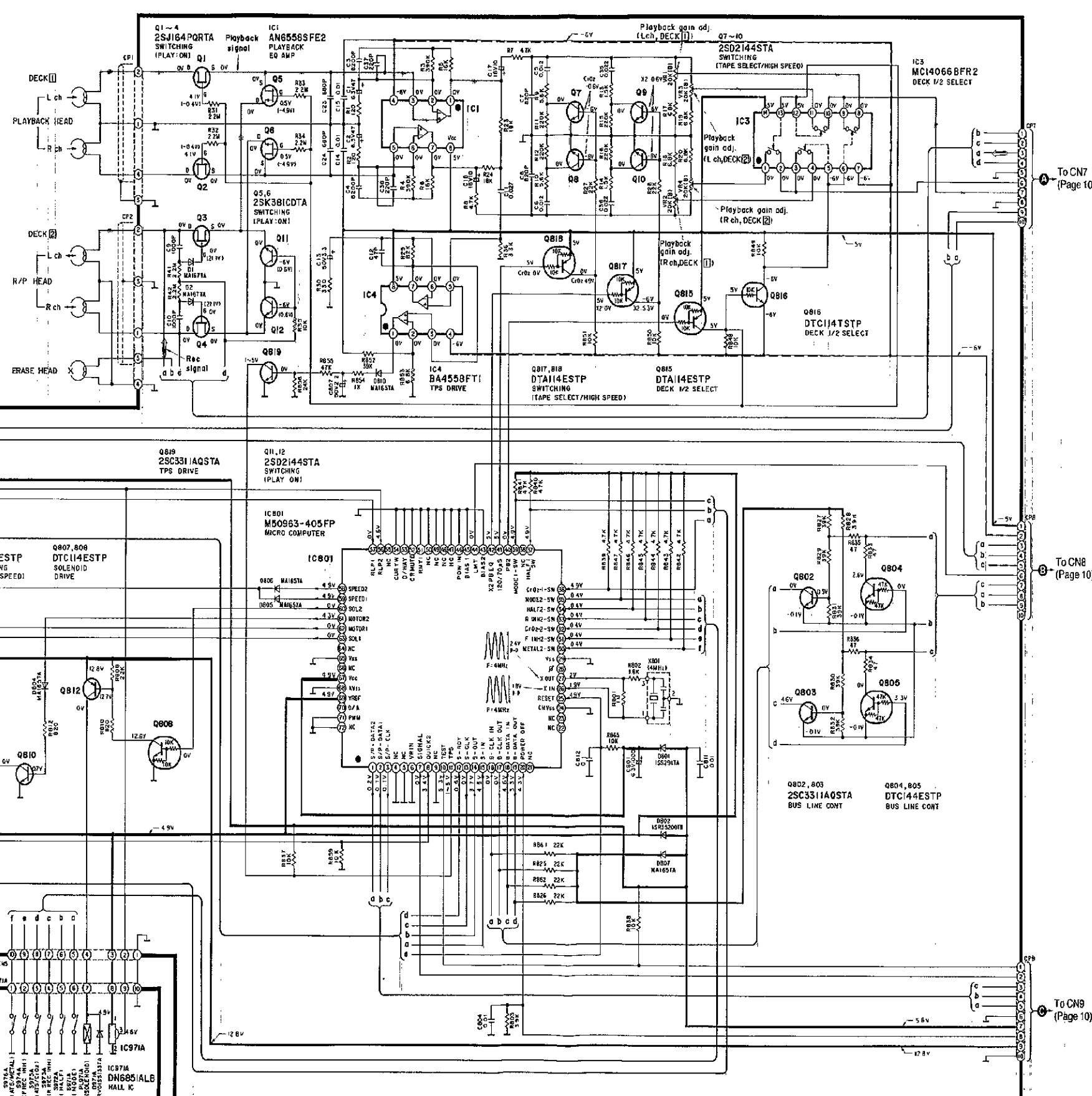


B MECHANISM CONTROL CIRCUIT



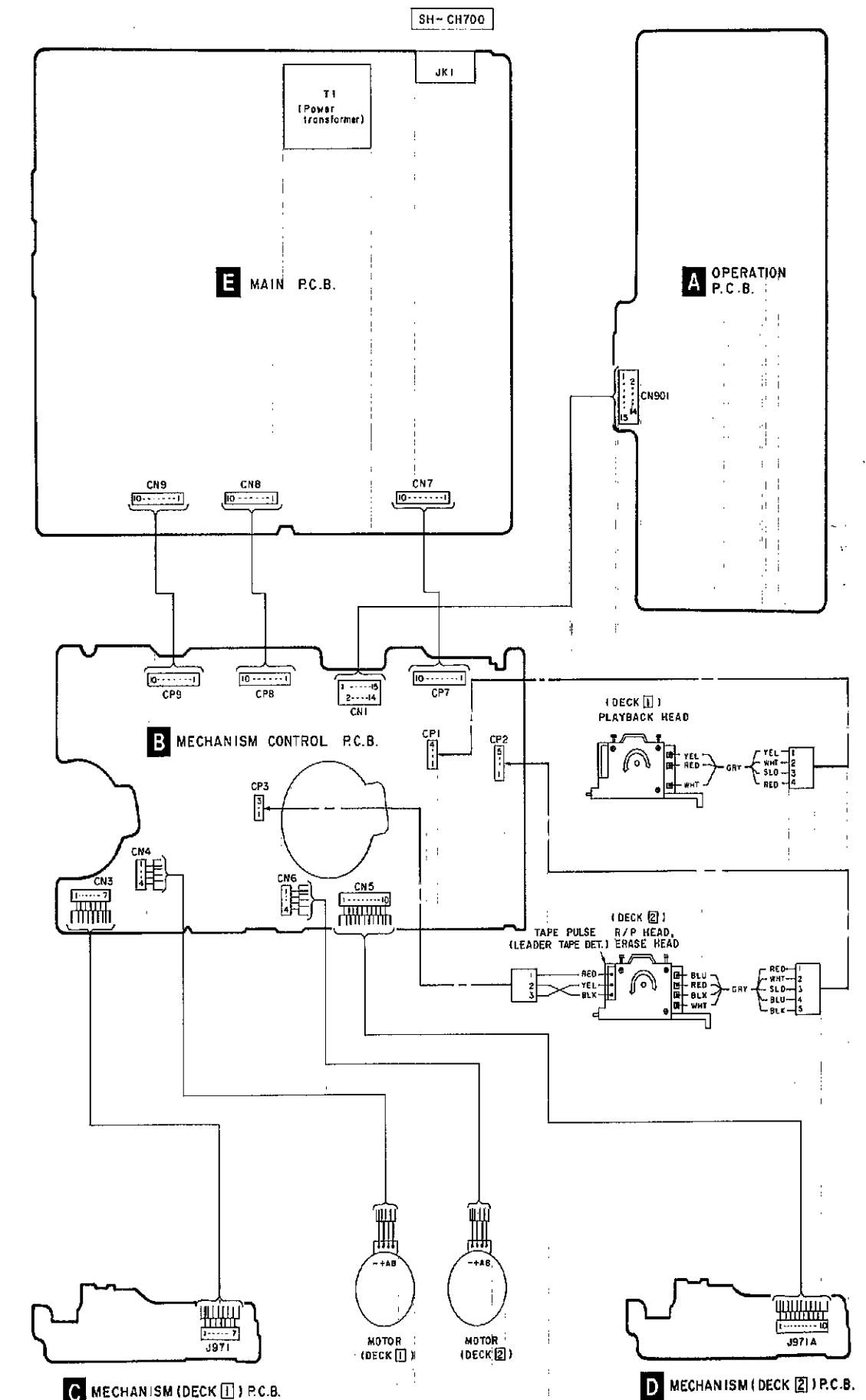
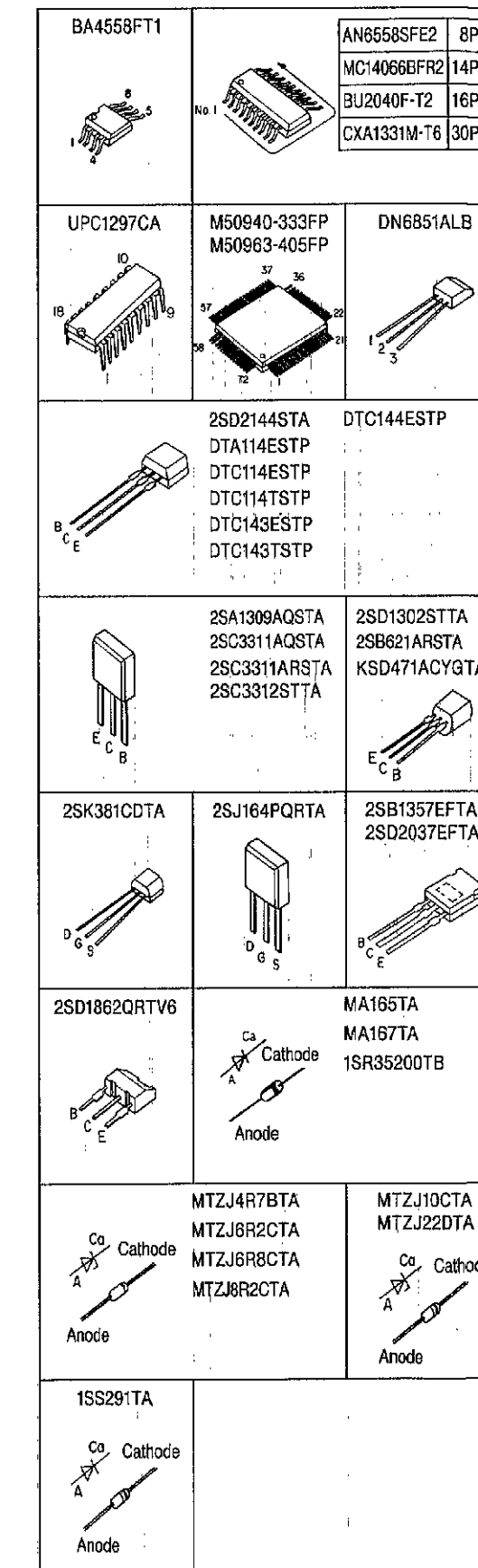
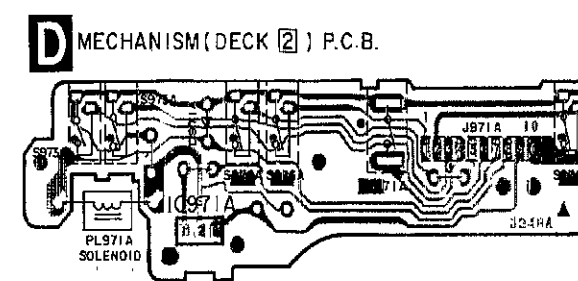
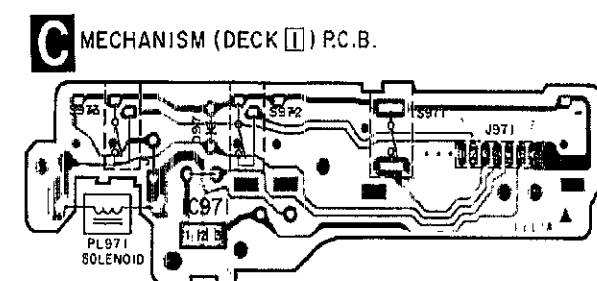
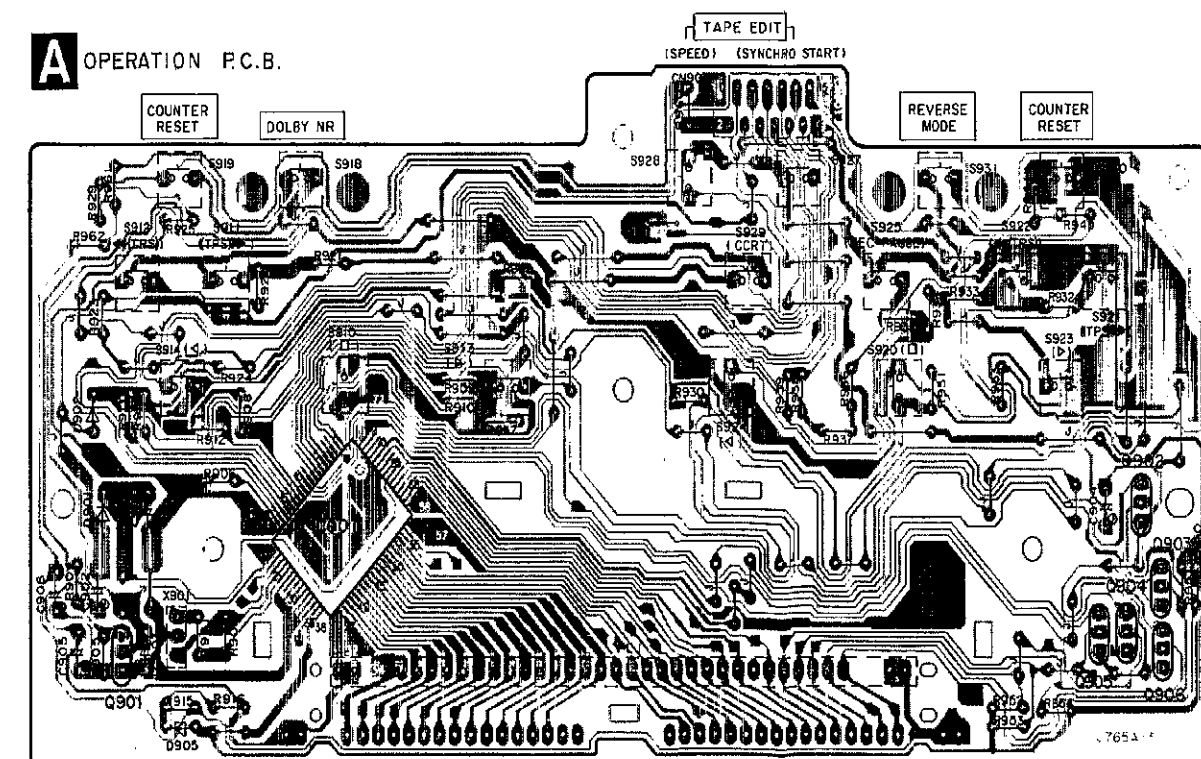
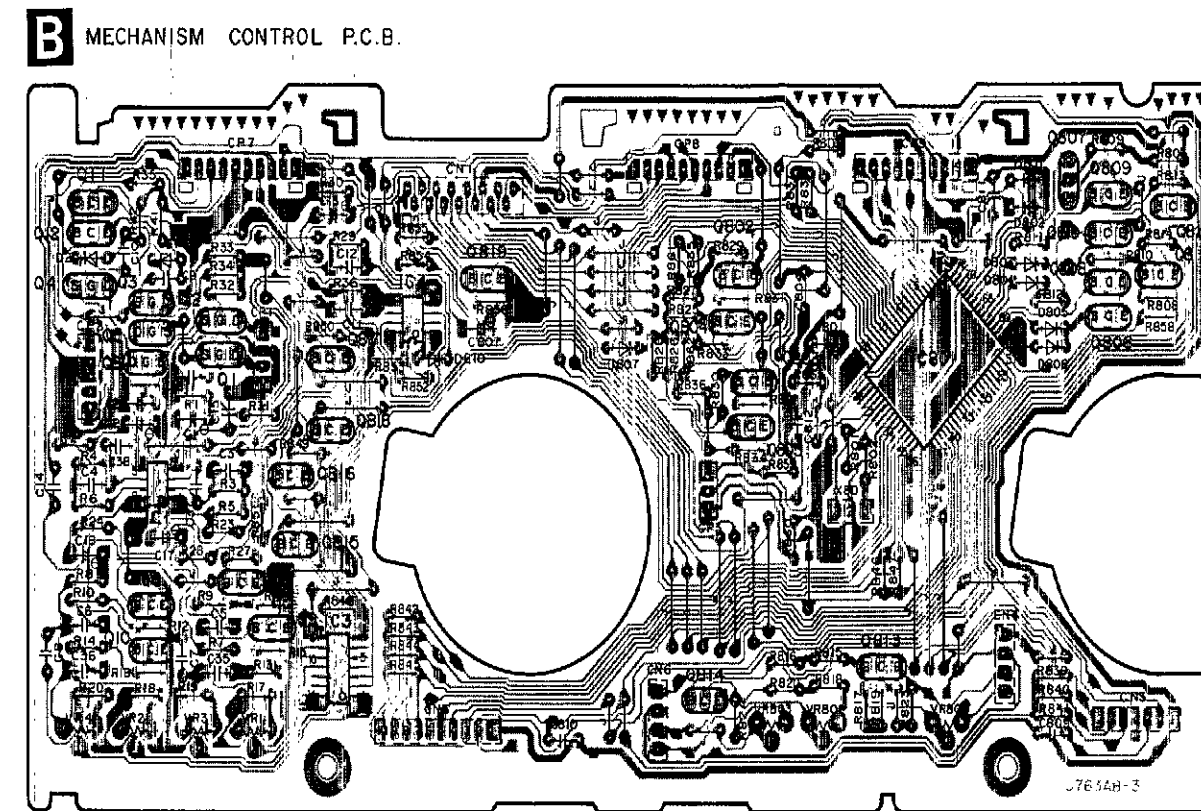
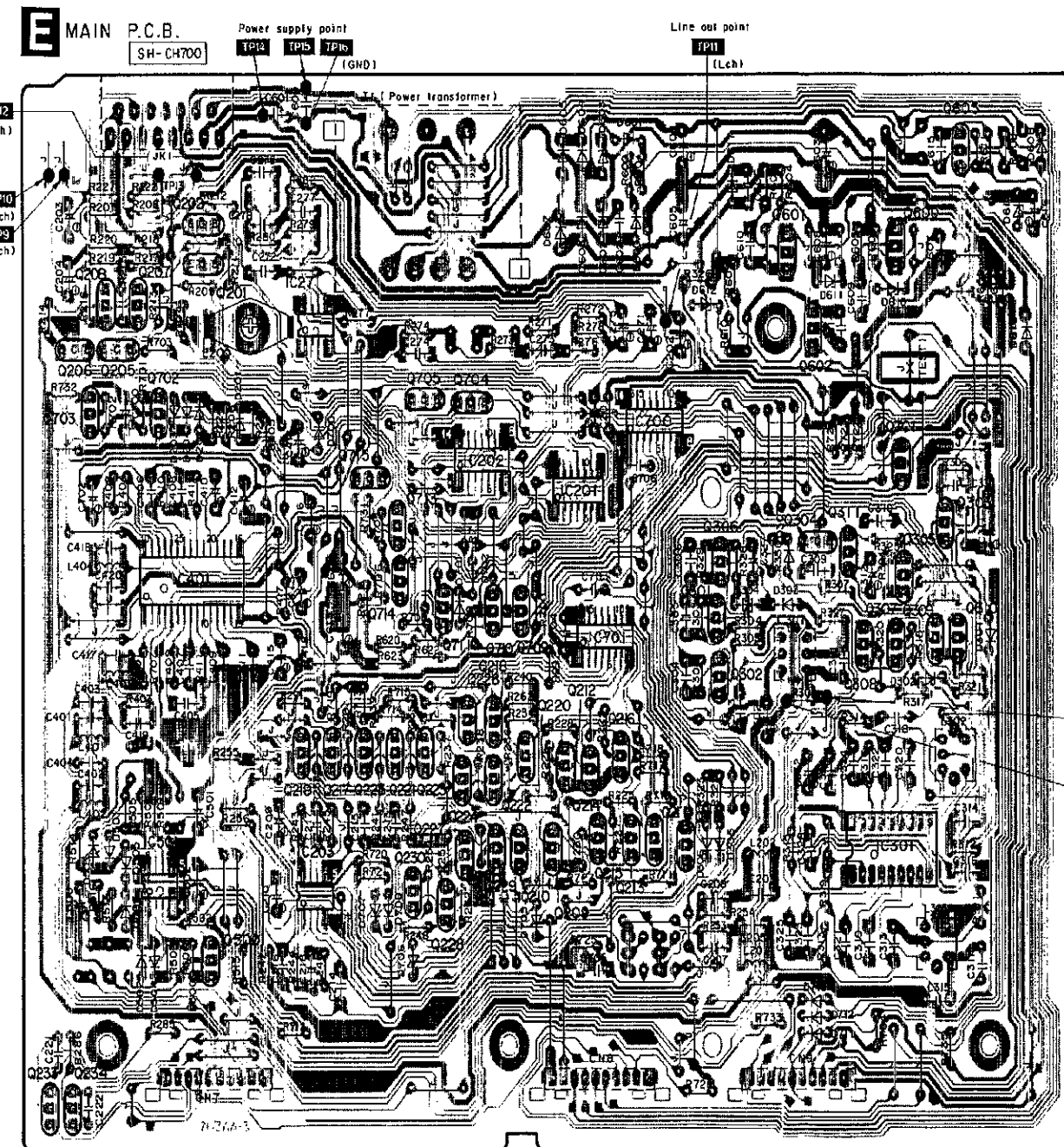
C MECHANISM (DECK 1) CIRCUIT

D MECHANISM (DECK 2) CIRCUIT

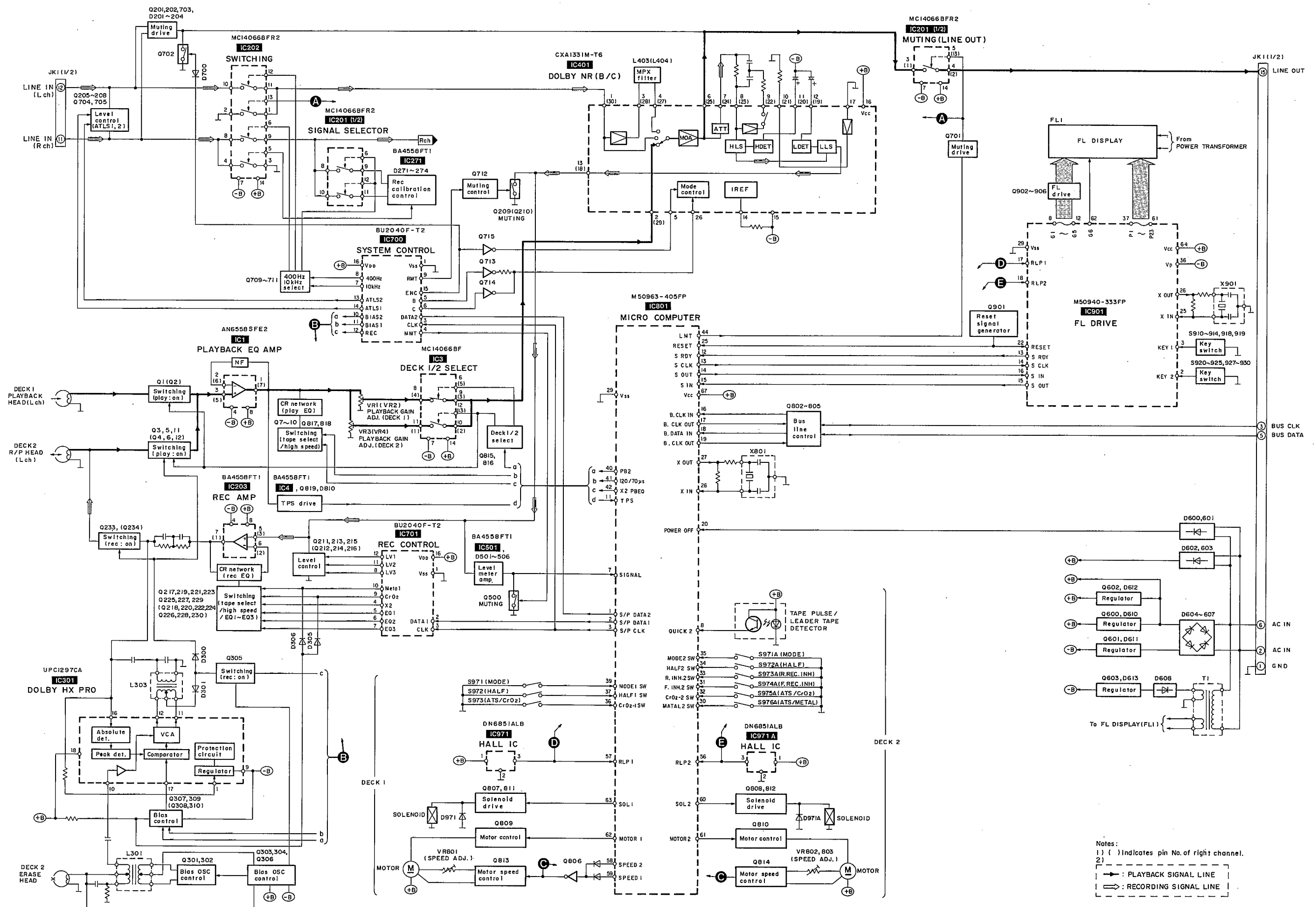


PRINTED CIRCUIT BOARDS

WIRING CONNECTION DIAGRAM



■ BLOCK DIAGRAM



FUNCTIONS OF IC TERMINALS

IC801 (M50963-405FP)

Pin No.	Terminal name	I/O	Function
1 2	S/P-DATA 2 S/P-DATA 1	O	Serial data signal output
3	S/P-CLK	O	Serial clock signal output
4~6	—	—	Not used (connect to GND)
7	ATLS	I	REC/PLAYBACK detection signal input
8	QUICK 2	I	Leader tape detector signal input (DECK 2)
9	QUICK 1	—	Not used (connect to GND)
10	TEST	I	Test terminal
11	MSP	I	TPS signal input
12 13 14 15	S-RDY S-CLK S-OUT S-IN	I O O I	Serial data and serial clock signal input/output
16 17 18 19	B-CLK IN B-CLK OUT B-DATA IN B-DATA OUT	I O I O	Data bass signal input/output
20	POWER OFF	I	Power off detector signal input
21~ 23	NC	—	Not used
24	CN V _{ss}	I	Connect to GND
25	RESET	I	Reset signal input
26 27	X IN X OUT	I O	Ceramic oscillator connection terminal (4 MHz)
28	—	—	Not used
29	V _{ss}	I	GND
30	MATAL-2 SW	I	Metal tape position detector signal input (DECK 2)
31	F. INH2-SW	I	Forward side record prevention tad detection signal input (DECK 2)
32	NOR 2-SW	I	Normal tape position detector signal input (DECK 2)
33	R. INH 2-SW	I	Reverse side record prevention tad detection signal input (DECK 2)
34	HALF 2-SW	I	DECK 2 cassette half detection signal input
35	MODE 2-SW	I	DECK 2 operation mode signal input
36	NOR 1-SW	I	Normal tape position detector signal input (DECK 1)

Pin No.	Terminal name	I/O	Function
37	HALF 1-SW	I	DECK 1 cassette half detection signal input
38	NC	—	Not used
39	MODE 1-SW	I	DECK 1 operation mode signal input
40	PB 2	O	Playback AMP control signal (selectore of input/output control signal) output
41	120/70 μS	O	Playback E.Q. AMP control signal output
42	X2 EQ	O	Playback E. Q AMP control signal output
43	NC	—	Not used (connect to GND)
44	LMT	O	Line out muting control signal output
45~ 54	—	—	Not used (connect to GND)
55	NC	—	Not used (open)
56	RLP 2	I	DECK 2 rotation pulse signal input of reel table
57	RLP 1	I	DECK 1 rotation pulse signal input of reel table
58	SPEED 2	O	DECK 2 tape speed control signal output
59	SPEED 1	O	DECK 1 tape speed control signal output
60	SOL 2	O	Plunger control signal output
61	MOTOR 2	O	DECK 2 motor control signal output
62	MOTOR 1	O	DECK 2 motor control signal output
63	SOL 1	O	Plunger control signal output
64	NC	—	Not used (open)
65	V _{ss}	I	Ground
66	NC	—	Not used (open)
67	V _{cc}	I	Power Supply
68	AV _{ss}	—	Not used (connect to GND)
69	VREF	—	Reference voltage input
70	D-A	—	Not used (open)
71, 72	RWM —	—	Not used (connect to GND)

IC901 (M50940-333FP)

Pin No.	Terminal name	I/O	Function
1	SIS-L	I	S-Meter signal input
2	KEY 2	I	DECK 2 key control signal input
3	KEY 1	I	DECK 1 key control signal input
4	NC	—	Not used (open)
5~7	—	—	Not used (connect to GND)
8~12	G6~G2	O	FL grid signal output
13 14 15 16	S-PDY S-CLK S-OUT S-IN	O I O I	Serial data and serial clock signal input/output
17	RLP 1	I	DECK 1 rotation pulse signal input of reel table
18	RLP 2	I	DECK 2 rotation pulse signal input of reel table
19	AC OFF	I	Not used (open)
20 21	— CN V _{ss}	— I	Connect to GND
22	RESET	I	Reset signal input
23, 24	NC	—	Not used (open)
25 26	X IN X OUT	I O	Ceramic oscillator connection terminal (4 MHz)
27	XC IN	I	Not used (connect to GND)
28	XC OUT	O	Not used (open)
29	V _{ss}	I	Ground
30	(NC)	—	Not used (open)
31~ 34	—	—	Not used (connect to GND)
35	NC	—	Not used (open)
36	VP	I	Pull down voltage input
37~ 54	P1~P18	O	FL Anode signal output
55, 56	NC	—	Not used (open)

Pin No.	Terminal name	I/O	Function
57~ 61	P19~P23	O	FL Anode signal output
62	G1	O	FL Grid signal output
63	AV _{cc}	I	A/D of Power supply terminal
64	V _{cc}	I	Power supply terminal
65	V _{ss}	I	Ground
66	AV _{ss}	I	A/D of ground terminal
67	VREF	I	A/D of reference voltage input
68~ 71	—	—	Not used (connect to GND)
72	SIS-R	I	S-Meter signal input

■ REPLACEMENT PARTS LIST

Notes : * Important safety notice:
Components identified by △ mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
* The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)
Parts without these indications can be used for all areas.

Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		INTEGRATED CIRCUIT(S)		Q701	DTA114ESTP	TRANSISTOR	
				Q702	DTC114ESTP	TRANSISTOR	
				Q703	2SC3312STTA	TRANSISTOR	
IC1	AN6558SFE2	I. C, PLAYBACK EQ. AMP.		Q704, 705	DTA114ESTP	TRANSISTOR	
IC3	MC14066BFR2	I. C, DECK 1/2 SELECT		Q709, 710	DTA114ESTP	TRANSISTOR	
IC4	SVIBA4558F	I. C, TPS DRIVE		Q711	DTC114ESTP	TRANSISTOR	
IC201	MC14066BFR2	I. C, SIGNAL SELECTOR		Q712-715	DTA114ESTP	TRANSISTOR	
IC202	MC14066BFR2	I. C, SWITCHING		Q802, 803	2SC3311A-Q	TRANSISTOR	
IC203	SVIBA4558F	I. C, REC AMP.		Q804, 805	DTC144ESTP	TRANSISTOR	
IC271	SVIBA4558F	I. C, REC CALIBRATION CONT.		Q806-808	DTC114ESTP	TRANSISTOR	
IC301	UPC1297CA	I. C, DOLBY HX PRO		Q809, 810	2SD1302STTA	TRANSISTOR	
IC401	CXA1331M-T6	I. C, DOLBY NR(B/C)		Q811, 812	2SB621A-R	TRANSISTOR	
IC501	SVIBA4558F	I. C, LEVEL METER AMP.		Q813, 814	2SA1309A-R	TRANSISTOR	
IC700	BU2040F-T2	I. C, SYSTEM CONTROL		Q815	DTA114ESTP	TRANSISTOR	
IC701	BU2040F-T2	I. C, REC CONTROL		Q816	DTC114TSTP	TRANSISTOR	
IC801	M50963-405FP	I. C, MICRO COMPUTER		Q817, 818	DTA114ESTP	TRANSISTOR	
IC901	M50940-333FP	I. C, FL DRIVE		Q819	2SC3311A-Q	TRANSISTOR	
IC971	DN6851ALB	I. C, HALL (DECK1)		Q901	2SC3311A-Q	TRANSISTOR	
IC971A	DN6851ALB	I. C, HALL (DECK2)		Q902-906	DTA114ESTP	TRANSISTOR	
		TRANSISTOR(S)				DIODE(S)	
Q1-4	2SJ164PQRTA	TRANSISTOR		D1, 2	MA167	DIODE	
Q5, 6	2SK381BCDTA	TRANSISTOR		D201-204	MA165	DIODE	
Q7-9	2SD2144S	TRANSISTOR		D301	MA165	DIODE	
Q10-12	2SD2144S	TRANSISTOR		D302	MTZJ6R8CTA	DIODE	
Q201, 202	2SC3312STTA	TRANSISTOR		D303	MA167	DIODE	
Q205-208	2SC3311A-Q	TRANSISTOR		D304	MTZJ10CTA	DIODE	
Q209, 210	2SD2144S	TRANSISTOR		D305-307	MA165	DIODE	
Q211-216	DTC143TSTP	TRANSISTOR		D501-506	MA165	DIODE	
Q217, 218	DTC143ESTP	TRANSISTOR		D600, 601	MA165	DIODE	△
Q219, 220	2SD2144S	TRANSISTOR		D602-608	1SR35200TB	DIODE	△
Q221-226	DTC143TSTP	TRANSISTOR		D610, 611	MTZJ8R2CTA	DIODE	
Q227-230	DTC143ESTP	TRANSISTOR		D612	MTZJ6R2CTA	DIODE	
Q233, 234	2SK381BCDTA	TRANSISTOR		D613	MTZJ22DTA	DIODE	
Q301, 302	2SC3311ARSTA	TRANSISTOR		D616	1SR35200TB	DIODE	△
Q303	2SB621A-R	TRANSISTOR		D617	MA165	DIODE	
Q304	KSD471ACYGTA	TRANSISTOR		D700-702	MA165	DIODE	
Q305	2SB621A-R	TRANSISTOR		D705-708	MA165	DIODE	
Q306	2SC3311A-Q	TRANSISTOR		D710-712	MA165	DIODE	
Q307, 308	DTC143TSTP	TRANSISTOR		D801	1SS291TA	DIODE	
Q309-311	DTA114ESTP	TRANSISTOR		D802	1SR35200TB	DIODE	
Q500	2SC3311A-Q	TRANSISTOR		D803-807	MA165	DIODE	
Q600	2SD2037EFTA	TRANSISTOR		D810	MA165	DIODE	
Q601	2SB1357EFTA	TRANSISTOR		D901, 902	MA165	DIODE	
Q602	2SD1862QRTV6	TRANSISTOR		D905	MTZJ4R7BTA	DIODE	
Q603	2SA1309A-R	TRANSISTOR		D971	RVD1SS133TA	DIODE	

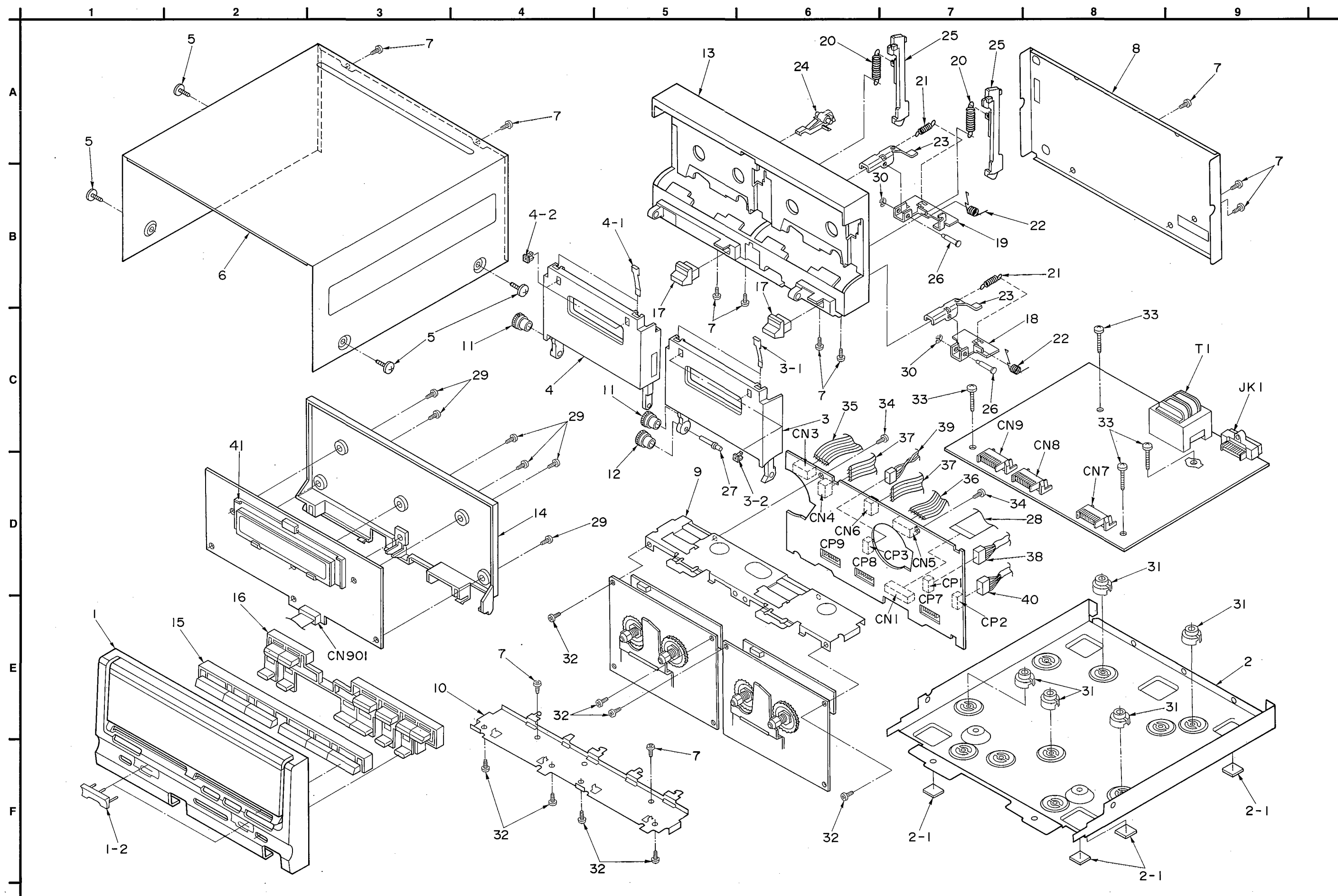
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
D971A	RVD1SS133TA	DIODE		S973A	RSH1A90YB-U	S. W, R. REC. INH (DECK2)	
				S974A	RSH1A90YB-U	S. W, F. REC. INH (DECK2)	
		VARIABLE RESISTOR(S)		S975A	RSH1A90YB-U	S. W, ATS/CrO2 (DECK2)	
				S976A	RSH1A90YB-U	S. W, ATS/METAL (DECK2)	
VR1-4	EVNDCAA03B24	V. R, P. B. GAIN ADJ.				CONNECTOR(S)	
VR801-803	EVNDCAA03B53	V. R, TAPE SPEED ADJ.					
		COIL(S)		CN1	RJS15Q8ZA	SOCKET (15P)	
				CN3	RJS7T4ZA	SOCKET (7P)	
L201, 202	SLQX303-1KT	COIL		CN4	RJS1A6604	SOCKET (4P)	
L301	SL09B4-K	COIL		CN5	SJSD1005	CONNECTOR (10P)	
L302, 303	SL09B1-Z	COIL		CN6	RJS1A6604	SOCKET (4P)	
L401-404	SLQX303-1KT	COIL		CN7-9	RJU003K010M1	SOCKET (10P)	
				CN901	RJS15Q9ZA	SOCKET (15P)	
		TRANSFORMER(S)		CP1	SJTD413	CONNECTOR (4P)	
T1	RTP114G002	TRANSFORMER	△	CP2	RJP5G18ZA	CONNECTOR (5P)	
				CP3	SJTD313	CONNECTOR (3P)	
		OSCILLATOR(S)		CP7-9	RJT003K10VM	CONNECTOR (10P)	
						EARTH TERMINAL	
X801	EF0GC4004A4	OSCILLATOR					
X901	EF0GC4004A4	OSCILLATOR		E200	SNE1004-1	GND PLATE	
		DISPLAY				JACK(S)	
FL1	RSL0109-F	DISPLAY	△	JK1	RJT055K015-1	CONNECTOR (15P)	
				J971	RJS7T7ZA	SOCKET (7P)	
		SWITCH(ES)		J971A	RJS10T7ZA	SOCKET (10P)	
S910	EVQ21405R	S. W, STOP (DECK1)					
S911	EVQ21405R	S. W, TPS (FF) (DECK1)					
S912	EVQ21405R	S. W, TPS (REW) (DECK1)					
S913	EVQ21405R	S. W, PLAY (FWD) (DECK1)					
S914	EVQ21405R	S. W, PLAY (REV) (DECK1)					
S918	EVQ21405R	S. W, DOLBY NR					
S919	EVQ21405R	S. W, COUNTER RESET (DECK1)					
S920	EVQ21405R	S. W, STOP (DECK2)					
S921	EVQ21405R	S. W, TPS (FF) (DECK2)					
S922	EVQ21405R	S. W, TPS (REW) (DECK2)					
S923	EVQ21405R	S. W, PLAY (FWD) (DECK2)					
S924	EVQ21405R	S. W, PLAY (REV) (DECK2)					
S925	EVQ21405R	S. W, REC PAUSE					
S927	EVQ21405R	S. W, SYNCHRO START					
S928	EVQ21405R	S. W, SPEED					
S929	EVQ21405R	S. W, CCRT					
S930	EVQ21405R	S. W, COUNTER RESET (DECK2)					
S931	EVQ21405R	S. W, REVERSE MODE					
S971	RSH1A89Z	S. W, MODE (DECK1)					
S971A	RSH1A89Z	S. W, MODE (DECK2)					
S972	RSH1A90YB-U	S. W, HALF (DECK1)					
S972A	RSH1A90YB-U	S. W, HALF (DECK2)					
S973	RSH1A90YB-U	S. W, ATS/CrO2 (DECK1)					

Notes : * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM) , 1M=1,000k (OHM)

Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
		RESISTORS						
R1, 2	ERDS2EJ121	1/4W 120	R277	ERDS2TJ124T	1/4W 120K	R610	ERDS2TJ222	1/4W 2. 2K
R3, 4	ERDS2TJ394	1/4W 390K	R278	ERDS2EJ121	1/4W 120	R611	ERDS2TJ102	1/4W 1K
R5, 6	ERDS2TJ163T	1/4W 16K	R279, 280	ERDS2TJ123	1/4W 12K	R620-623	ERDS2TJ270T	1/4W 27
R7, 8	ERDS2TJ472	1/4W 4. 7K	R282	ERDS2TJ562	1/4W 5. 6K	R700	ERDS2TJ473	1/4W 47K
R9	ERDS2TJ562	1/4W 5. 6K	R285, 286	ERDS2TJ225	1/4W 2. 2M	R701	ERDS2TJ103	1/4W 10K
R10	ERDS2TJ562	1/4W 5. 6K	R291, 292	ERDS2TJ472	1/4W 4. 7K	R702	ERDS2TJ472	1/4W 4. 7K
R11, 12	ERDS2TJ224T	1/4W 220K	R301	ERDS2TJ1R0	1/4W 1. 0	R703, 704	ERDS2TJ103	1/4W 10K
R13, 14	ERDS2TJ152	1/4W 1. 5K	R302, 303	ERDS2TJ183T	1/4W 18K	R705	ERDS2TJ822	1/4W 8. 2K
R15, 16	ERDS2TJ224T	1/4W 220K	R304, 305	ERDS2TJ100	1/4W 10	R706, 707	ERDS2TJ103	1/4W 10K
R17-20	ERDS2TJ682T	1/4W 6. 8K	R306	ERDS2TJ471	1/4W 470	R708-711	ERDS2TJ473	1/4W 47K
R23, 24	ERDS2TJ183T	1/4W 18K	R307	ERDS2TJ102	1/4W 1K	R712-719	ERDS2TJ472	1/4W 4. 7K
R27, 28	ERDS2TJ223	1/4W 22K	R311, 312	ERDS2TJ101	1/4W 100	R720, 721	ERDS2TJ222	1/4W 2. 2K
R29	ERDS2TJ823T	1/4W 82K	R313, 314	ERDS2TJ154	1/4W 150K	R722-725	ERDS2TJ103	1/4W 10K
R30	ERDS2TJ331	1/4W 330	R315, 316	ERDS2TJ153	1/4W 15K	R726	ERDS2TJ100	1/4W 10
R31-34	ERDS2TJ225	1/4W 2. 2M	R317	ERDS2TJ392T	1/4W 3. 9K	R727	ERDS2TJ182	1/4W 1. 8K
R35	ERDS2TJ103	1/4W 10K	R318	ERDS2TJ103	1/4W 10K	R731	ERDS2TJ103	1/4W 10K
R36	ERDS2TJ332	1/4W 3. 3K	R319	ERDS2TJ152	1/4W 1. 5K	R732	ERDS2TJ475T	1/4W 4. 7M
R41, 42	ERDS2TJ225	1/4W 2. 2M	R320	ERDS2TJ472	1/4W 4. 7K	R733-735	ERDS2TJ393	1/4W 39K
R205, 206	ERDS2TJ152	1/4W 1. 5K	R321	ERDS2TJ102	1/4W 1K	R801	ERDS2TJ105T	1/4W 1M
R207, 208	ERDS2TJ104	1/4W 100K	R322	ERDS2TJ152	1/4W 1. 5K	R802	ERDS2TJ182	1/4W 1. 8K
R209, 210	ERDS2TJ273	1/4W 27K	R323	ERDS2TJ102	1/4W 1K	R803	ERDS2TJ392T	1/4W 3. 9K
R211-214	ERDS2TJ223	1/4W 22K	R324	ERDS2TJ472	1/4W 4. 7K	R807, 808	ERDS2TJ223	1/4W 22K
R215, 216	ERDS2TJ103	1/4W 10K	R325	ERDS2TJ272T	1/4W 2. 7K	R809-812	ERDS2TJ821	1/4W 820
R217, 218	ERDS2TJ822	1/4W 8. 2K	R326	ERD2FCVG330T	1/4W 33 Δ	R813, 814	ERDS2TJ2R7T	1/4W 2. 7
R219, 220	ERDS2TJ563	1/4W 56K	R327	ERDS2TJ103	1/4W 10K	R815, 816	ERDS2TJ184T	1/4W 180K
R221, 222	ERDS2TJ394	1/4W 390K	R328	ERDS2TJ683	1/4W 68K	R817, 818	ERDS2TJ392T	1/4W 3. 9K
R223, 224	ERDS2TJ223	1/4W 22K	R329	ERDS2TJ562	1/4W 5. 6K	R819, 820	ERDS2TJ103	1/4W 10K
R225, 226	ERDS2TJ682T	1/4W 6. 8K	R330	ERDS2TJ222	1/4W 2. 2K	R823	ERDS2TJ153	1/4W 15K
R227, 228	ERDS2TJ123	1/4W 12K	R401, 402	ERDS2TJ242	1/4W 2. 4K	R824	ERDS2TJ123	1/4W 12K
R229, 230	ERDS2TJ273	1/4W 27K	R403, 404	ERDS2TJ562	1/4W 5. 6K	R825, 826	ERDS2TJ223	1/4W 22K
R233, 234	ERDS2TJ220T	1/4W 22	R409, 410	ERDS2TJ243T	1/4W 24K	R827-832	ERDS2TJ393	1/4W 39K
R235, 236	ERDS2TJ821	1/4W 820	R411, 412	ERDS2TJ561	1/4W 560	R833-836	ERDS2TJ470	1/4W 47
R237-240	ERDS2TJ222	1/4W 2. 2K	R417	ERDS2TJ151	1/4W 150	R837, 838	ERDS2TJ103	1/4W 10K
R241, 242	ERDS2TJ181T	1/4W 180	R418	ERDS2TJ273	1/4W 27K	R839-847	ERDS2TJ472	1/4W 4. 7K
R243, 244	ERDS2TJ563	1/4W 56K	R500	ERDS2TJ332	1/4W 3. 3K	R848-851	ERDS2TJ103	1/4W 10K
R245, 246	ERDS2TJ123	1/4W 12K	R501, 502	ERDS2TJ103	1/4W 10K	R852	ERDS2TJ393	1/4W 39K
R247, 248	ERDS2TJ222	1/4W 2. 2K	R503	ERDS2TJ823T	1/4W 82K	R853	ERDS2TJ682T	1/4W 6. 8K
R249, 250	ERDS2TJ562	1/4W 5. 6K	R504, 505	ERDS2TJ224T	1/4W 220K	R854	ERDS2TJ102	1/4W 1K
R251, 252	ERDS2TJ682T	1/4W 6. 8K	R506	ERDS2TJ823T	1/4W 82K	R855	ERDS2TJ473	1/4W 47K
R253, 254	ERDS2TJ103	1/4W 10K	R513	ERDS2TJ220T	1/4W 22	R856	ERDS2TJ243T	1/4W 24K
R255, 256	ERDS2TJ153	1/4W 15K	R514, 515	ERDS2TJ472	1/4W 4. 7K	R858, 859	ERDS2TJ103	1/4W 10K
R261, 262	ERDS2TJ391	1/4W 390	R516	ERDS2TJ392T	1/4W 3. 9K	R860	ERDS2TJ271	1/4W 270
R271	ERDS2TJ124T	1/4W 120K	R600, 601	ERDS2TJ472	1/4W 4. 7K	R861, 862	ERDS2TJ223	1/4W 22K
R272	ERDS2TJ101	1/4W 100	R603, 604	ERDS2TJ102	1/4W 1K	R865	ERDS2TJ103	1/4W 10K
R273, 274	ERDS2TJ393	1/4W 39K	R605	ERD2FCVJ4R7T	1/4W 4. 7 Δ	R901	ERDS2TJ102	1/4W 1K
R276	ERDS2TJ183T	1/4W 18K	R606	ERD2FCVJ8R2T	1/4W 8. 2 Δ	R902	ERDS2TJ105T	1/4W 1M
			R607	ERD2FCVG150T	1/4W 15 Δ	R904	ERDS2TJ471	1/4W 470
			R608	ERDS1FVJ100T	1/2W 10 Δ	R905-912	ERDS2TJ103	1/4W 10K
			R609	ERDS2TJ100	1/4W 10	R915, 916	ERDS2TJ181T	1/4W 180 Δ

Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks
R917	ERDS2TJ103	1/4W 10K	C275	ECEA1CKA100B	16V 10U	C809-811	ECBT1E103ZF	25V 0. 01U
R920	ERDS2TJ103	1/4W 10K	C276	ECQB1H332JF3	50V 3300P	C812	ECBT1H104ZF5	50V 0. 1U
R921	ERDS2TJ821	1/4W 820	C277, 278	ECQB1H122JF3	50V 1200P	C901	ECEA1AKA221Q	10V 220U
R922	ERDS2TJ102	1/4W 1K	C301	ECQP1153JZ	100V 0. 015U	C902	ECEA1EKA4R7B	25V 4. 7U
R923	ERDS2TJ122	1/4W 1. 2K	C302	ECEA1EKA4R7B	25V 4. 7U	C903	ECEA1HKA010B	50V 1U
R924	ERDS2TJ152	1/4W 1. 5K	C303	ECKR1H392KB5	50V 3900P	C904	ECEADJKA101B	6. 3V 100U
R925	ERDS2TJ123	1/4W 12K	C304, 305	ECKW1H222KB5	50V 2200P	C905, 906	ECEA1HKN3R3B	50V 3. 3U Δ
R929	ERDS2TJ682T	1/4W 6. 8K	C306	ECKD1H682KB	50V 6800P			
R930	ERDS2TJ103	1/4W 10K	C309	ECKR1H103ZF5	50V 0. 01U			
R931	ERDS2TJ821	1/4W 820	C310	ECKR1H472KB5	50V 4700P			
R932	ERDS2TJ102	1/4W 1K	C311	ECEA1AKA221Q	10V 220U			
R933	ERDS2TJ122	1/4W 1. 2K	C312	ECEA1CKA330B	16V 33U			
R934	ERDS2TJ152	1/4W 1. 5K	C313, 314	ECKT1H223ZF	50V 0. 022U			
R935	ERDS2TJ182	1/4W 1. 8K	C315, 316	ECKR2H821KB5	500V 820P			
R936	ERDS2TJ222	1/4W 2. 2K	C317, 318	ECBT1H121KB5	50V 120P			
R937	ERDS2TJ332	1/4W 3. 3K	C319, 320	ECQV1H473JZ3	50V 0. 047U			
R938	ERDS2TJ472	1/4W 4. 7K	C321, 322	ECQB1H223JF3	50V 0. 022U			
R939	ERDS2TJ682T	1/4W 6. 8K	C323, 324	ECQB1H103JF3	50V 0. 01U			
R940	ERDS2TJ123	1/4W 12K	C325, 326	ECKT1H122KB	50V 1200P			
R941	ERDS2TJ223	1/4W 22K	C327	ECEA1HKA010B	50V 1U			
R950-954	ERDS2TJ103	1/4W 10K	C328	ECCR2H100K5	500V 10P			
R960-962	ERDS2TJ6R8	1/4W 6. 8 Δ	C331	ECKR1H103ZF5	50V 0. 01U			
R963	ERDS2TJ101	1/4W 100	C332	ECEA1CKA100B	16V 10U			
		CAPACITORS	C401, 402	ECBT1H121KB5	50V 120P			
			C403, 404	ECBT1C152JR5	16V 1500P			
			C405-408	ECKW1H222KB5	50V 2200P			
C1, 2	ECEA0JKA470B	6. 3V 47U	C409, 410	ECEA1HUR56B	50V 0. 56U			
C3, 4	ECQB1H822JF3	50V 8200P	C411, 412	ECEA1HKA33B	50V 0. 33U			
C5, 6	ECQB1H123JF3	50V 0. 012U	C413-416	ECEA1EKA4R7B	25V 4. 7U			
C7, 8	ECBT1H821KB5	50V 820P	C417, 418	ECBT1H121KB5	50V 120P			
C9	ECBT1H102KB5	50V 1000P	C419, 420	ECBT1C152JR5	16V 1500P			
C10	ECBT1H102KB5	50V 1000P	C500-502	ECEA1CKA100B	16V 10U			
C11	ECQB1H273JF3	50V 0. 027U	C600, 601	ECBT1H104ZF5	50V 0. 1U Δ			
C12	ECCR1H470K5	50V 47P	C602	ECKD1H682KB	50V 6800P Δ			
C13	ECEA1HKA3R3B	50V 3. 3U	C603	ECEA1EU222B	25V 2200U			
C14, 15	ECBT1E103ZF	25V 0. 01U	C604, 605	ECA1EM102B	25V 1000U			
C17, 18	ECEA1CKA100B	16V 10U	C606	ECKR1H103ZF5	50V 0. 01U			
C23, 24	ECBA1H681KB5	50V 680P	C607, 608	ECEA1AKA101B	10V 100U			
C35, 36	ECQB1H223JF3	50V 0. 022U	C609, 610	ECKR1H103ZF5	50V 0. 01U			
C37, 38	ECBT1H221KB5	50V 220P	C611	ECEA1HKA010B	50V 1U			
C201, 202	ECEA1CKA100B	16V 10U	C612, 613	ECEA1AU471	10V 470U			
C203, 204	ECEA1HKS010	50V 1U	C614, 615	ECKR1H103ZF5	50V 0. 01U			
C205, 206	ECKR2H121KB5	500V 120P	C616	ECA1HM470B	50V 47U			
C207, 208	ECBT1H561KB5	50V 560P	C700	ECEA1EKA4R7B	25V 4. 7U			
C209, 210	ECEA1EKA4R7B	25V 4. 7U	C702	ECEA1CKA100B	16V 10U			
C213, 214	ECQB1H472JF3	50V 4700P	C703	ECBT1H470J5	50V 47P			
C215, 216	ECQB1H123JF3	50V 0. 012U	C704	ECBT1E103ZF	25V 0. 01U			
C217, 218	ECEA1HKA22B	50V 0. 22U	C705	ECKR1H103ZF5	50V 0. 01U			
C221, 222	ECBT1H102KB5	50V 1000P	C706	ECBT1H470J5	50V 47P			
C271	ECEA1CKA100B	16V 10U	C801	ECA0JM102B	6. 3V 1000U			
C272	ECQB1H273JF3	50V 0. 027U	C804	ECBT1E103ZF	25V 0. 01U			
C273, 274	ECQB1H103JF3	50V 0. 01U	C807	ECEA1HKA2R2B	50V 2. 2U			

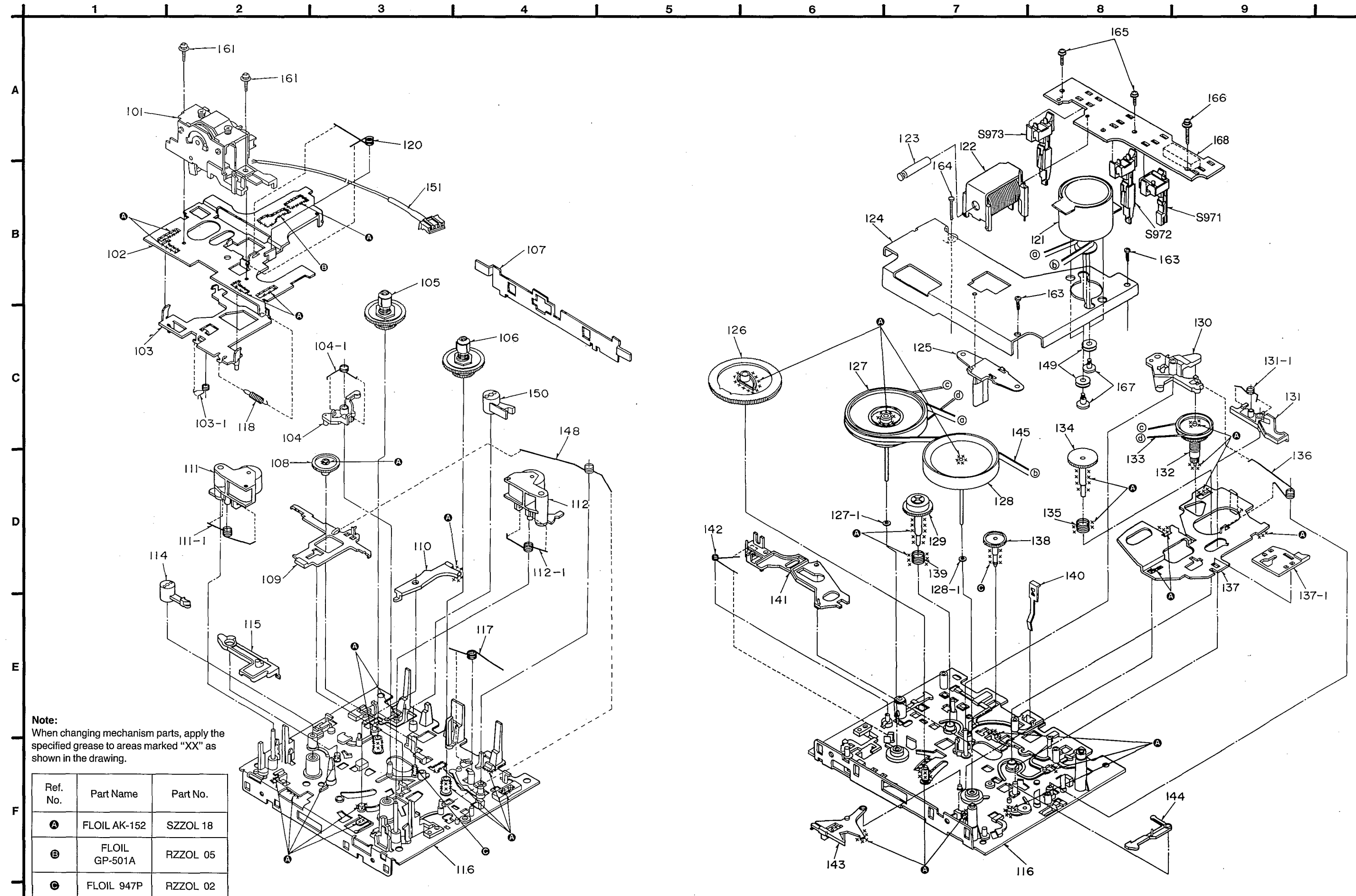
■ CABINET PARTS LOCATION



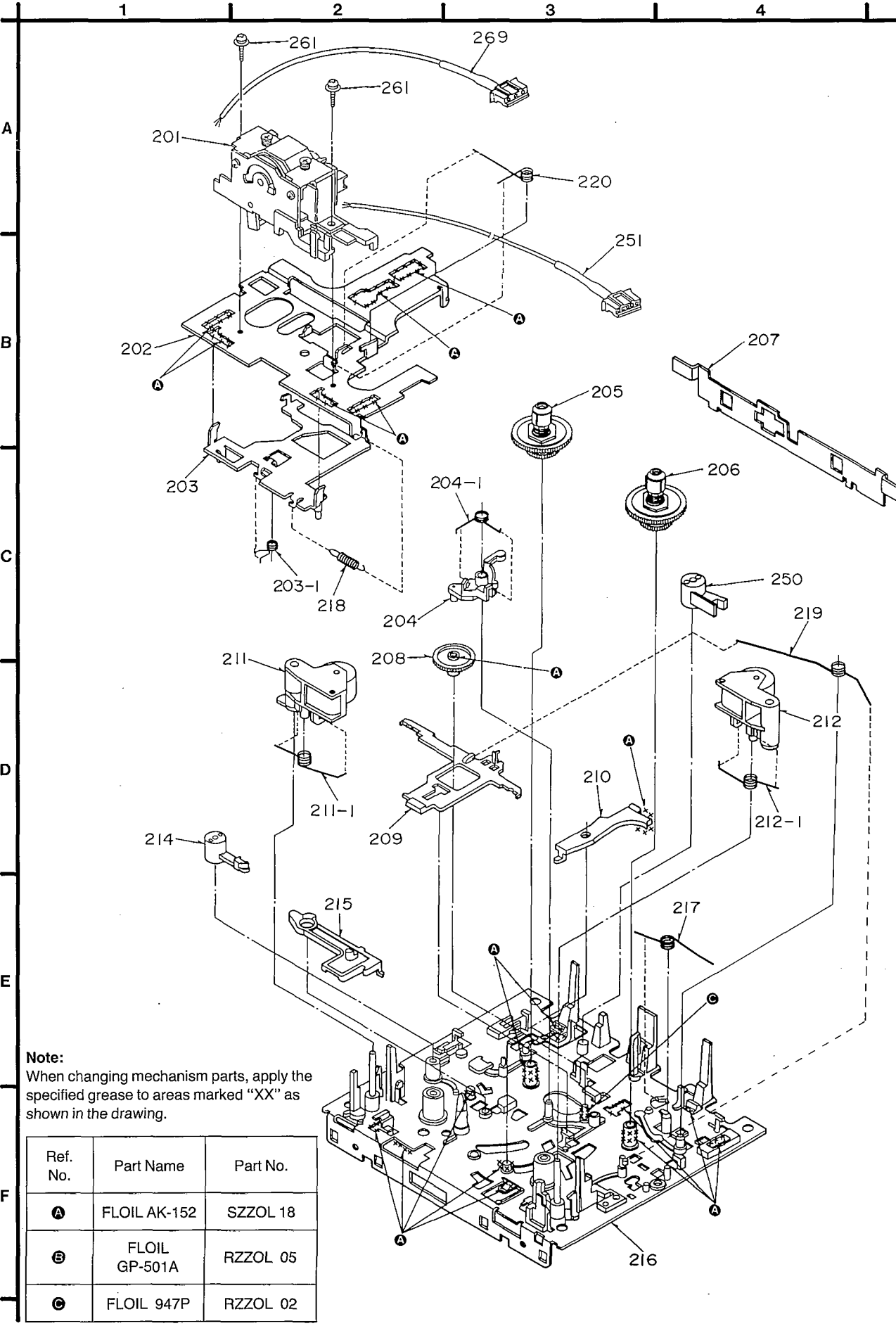
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET PARTS					
1	RFKGSCH700EA	FRONT PANEL ASS'Y					
1-1	RFKGSCH700EB	FL PANEL ASS'Y					
1-2	RGK0430-K	ORNAMENT					
2	RFKJSCH700NK	BOTTOM BOARD ASS'Y					
2-1	RKA0043	FOOT					
3	RFKLSCH700BK	CASSETTE LID(R) ASS'Y					
3-1	QBP2006A	SPRING					
3-2	RMRO485	ORNAMENT					
4	RFKLSCH700AK	CASSETTE LID(L) ASS'Y					
4-1	QBP2006A	SPRING					
4-2	RMRO485	ORNAMENT					
5	RHD30007	SCREW					
6	RKMO105-K	CABINET					
7	XTBS3+8JFZ1	SCREW					
8	RGRO131A-C1	REAR PANEL					
9	RMA0520	MECHANISM ANGLE (UPPER)					
10	RMA0521	MECHANISM ANGLE (LOWER)					
11	RDG0167	GEAR					
12	RDG0168	GEAR					
13	RGPO198-1K1	FRONT PANEL BASE					
14	RGPO199-K3	FRONT PANEL COVER					
15	RGU0659-K	BUTTON, OPERATION (A)					
16	RGU0660-K	BUTTON, OPERATION (B)					
17	RGU0661-K	BUTTON, EJECT					
18	RMA0440	EJECT ANGLE (A)					
19	RMA0441	EJECT ANGLE (B)					
20	RMB0141-1	SPRING					
21	RMB0160	SPRING					
22	RMB0193	SPRING					
23	RML0221	EJECT LEVER					
24	RML0222	PANEL LEVER					
25	RMM0061-1	EJECT ROD					
26	RMS0242	EJECT SHAFT					
27	RMS0310	HOLDER SHAFT					
28	RWJ5215220C1	FLEXIBLE CABLE (15P)					
29	XTB3+10JFZ	SCREW					
30	XJC2FT	E-RING					
31	SHE170-2	P. C. B. SPACER					
32	XTB26+6F	SCREW					
33	XTB3+12JFZ	SCREW					
34	XTB3+8JFZ	SCREW					
35	RWJ5707210QQ	FLAT CABLE (7P) (W3)					
36	RWJ5710200QQ	FLAT CABLE (10P) (W5)					
37	RWJ1804200QQ	FLAT CABLE (4P) (W4, W6)					
38	REX0132	FLAT CABLE (4P)					
39	REX0145	FLAT CABLE (10P)					
40	REX0172	FLAT CABLE (5P)					
41	RMN0150	FL HOLDER					

Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		MECHANISM PARTS LIST		144	RUB509ZA	LEVER	
(DECK1)				145	RDV108ZA	CAPSTAN BELT	
101	RXQ0051-1	HEAD BLOCK(PLAY)		148	RUW144ZA	SPRING	
102	RUA793ZF	HEAD BASE		149	RHG3032ZA	RUBBER CUSHION	
103	RZLAR300A	ROD		150	RNL180ZB	DAMPER ARM	
103-1	RUW143ZA	SPRING		151	REX0132	LEAD WIRE(4P)	
104	1UB0089ZA	ARM		161	XTW2+6L	SCREW	
104-1	RUW148ZA	SPRING		163	XTN26+7J	SCREW	
105	1DM0018ZB	REEL TABLE (R)		164	RHE5203ZA	SCREW	
106	1DM0017ZB	REEL TABLE (F)		165	XTW2+8S	SCREW	
107	RML0069-1	LEVER		166	XYC2+JF16	SCREW	
108	RDG5772ZC	GEAR		167	RHD26002	SCREW	
109	RUB508ZB	BRACKET ROD		168	RJS7T7ZA	SOCKET(7P)	
110	RUB506ZB	LEVER					
111	1UB0088ZB	ARM(R)					
111-1	RUW141ZA	SPRING					
112	1UB0087ZB	ARM(F)					
112-1	RUW140ZC	SPRING					
114	RNL1ZD	DAMPER ARM					
115	RUB503ZD	MAIN LEVER					
116	RFKRRSCH9N	CHASSIS ASS'Y					
117	RUW142ZA	SPRING					
118	RUD105ZA	SPRING					
120	RUW139ZA	SPRING					
121	RFKPRSCH9N	DC MOTOR ASS'Y					
122	1UE0015ZB	PLUNGER					
123	RUB428ZE	MOVING IRON CORE					
124	RMA0101	ANGLE					
125	RMD5014ZC	ANGLE					
126	RDG5927ZG	MAIN GEAR					
127	1DW0037ZB	FLYWHEEL (F)					
127-1	RNW139ZA	WASHER					
128	1DW0038ZB	FLYWHEEL (R)					
128-1	RNW138ZA	WASHER					
129	1DG0006ZB	REEL TABLE GEAR					
130	RUB513ZD	ARM					
131	1UB0091ZA	LEVER					
131-1	RUW146ZA	SPRING					
132	1DR0011ZB	MAIN PULLEY					
133	RDV90ZB	BELT					
134	RDG5769ZA	REEL TABLE GEAR					
135	RUQ111ZB	SPRING					
136	RUW145ZA	SPRING					
137	1UB0090ZA	ROD					
137-1	RUB512ZB	ROD					
138	RDG5773ZB	GEAR					
139	RUQ112ZA	SPRING					
140	RUS609ZC	TAPE PRESSURE SPRING					
141	RUB514ZC	LEVER					
142	RUW147ZA	SPRING					
143	RUB515ZA	LEVER					

MECHANISM PARTS LOCATION • DECK 1

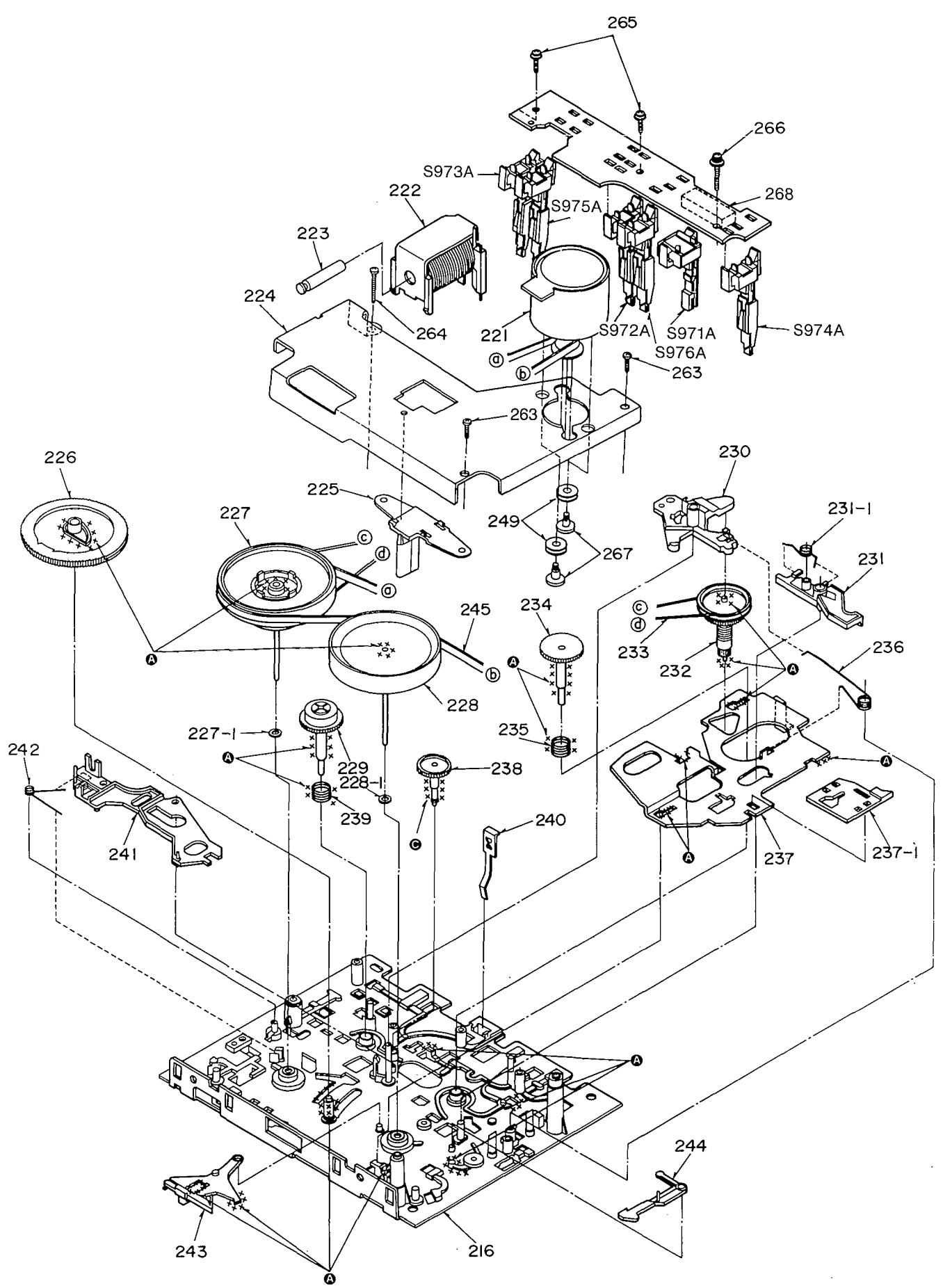


MECHANISM PARTS LOCATION •DECK 2



Note:
When changing mechanism parts, apply the specified grease to areas marked "XX" as shown in the drawing.

Ref. No.	Part Name	Part No.
A	FLOIL AK-152	SZZOL 18
B	FLOIL GP-501A	RZZOL 05
C	FLOIL 947P	RZZOL 02



Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
		MECHANISM PARTS LIST		243	RUB515ZA	LEVER	
(DECK2)				244	RUB509ZA	LEVER	
201	RXQ0161	HEAD BLOCK(REC/PLAYBACK)		245	RDV108ZA	CAPSTAN BELT	
202	RUA793ZF	HEAD BASE		249	RHG3032ZA	RUBBER CUSHION	
203	RZLAR300A	ROD		250	RNL180ZB	DAMPER ARM	
203-1	RUW143ZA	SPRING		251	REX0172	LEAD WIRE (5P)	
204	IUB0089ZA	ARM		261	XTW2+6L	SCREW	
204-1	RUW148ZA	SPRING		263	XTN26+7J	SCREW	
205	IDM0018ZB	REEL TABLE (R)		264	RHE5203ZA	SCREW	
206	IDM0017ZB	REEL TABLE (F)		265	XTW2+8S	SCREW	
207	RML0069-1	LEVER		266	XYC2+JF16	SCREW	
208	RDG5772ZC	GEAR		267	RHD26002	SCREW	
209	RUB508ZB	BRACKET ROD		268	RJS10T7ZA	SOCKET (10P)	
210	RUB506ZB	LEVER		269	REX0145	LEAD WIRE ASS'Y	
211	IUB0088ZB	ARM (R)					
211-1	RUW141ZA	SPRING					
212	IUB0087ZB	ARM (F)					
212-1	RUW140ZC	SPRING					
214	RNL12D	DAMPER ARM					
215	RUB503ZD	MAIN LEVER					
216	RFKRRSCH9N	CHASSIS ASS'Y					
217	RUW142ZA	SPRING					
218	RUD105ZA	SPRING					
219	RUW144ZA	SPRING					
220	RUW139ZA	SPRING					
221	RFM133ZA	DC MOTOR					
222	IUE0015ZB	PLUNGER					
223	RUB428ZE	MOVING IRON CORE					
224	RMA0101	ANGLE					
225	RMD5014ZC	ANGLE					
226	RDG5927ZG	MAIN GEAR					
227	IDW0037ZB	FLYWHEEL (F)					
227-1	RNW139ZA	WASHER					
228	IDW0038ZB	FLYWHEEL (R)					
228-1	RNW138ZA	WASHER					
229	IDG0006ZB	REEL TABLE GEAR					
230	RUB513ZD	ARM					
231	IUB0091ZA	LEVER					
231-1	RUW146ZA	SPRING					
232	IDR0011ZB	MAIN PULLEY					
233	RDV90ZB	BELT					
234	RDG5769ZA	REEL TABLE GEAR					
235	RUQ111ZB	SPRING					
236	RUW145ZA	SPRING					
237	IUB0090ZA	ROD					
237-1	RUB512ZB	ROD					
238	RDG5773ZB	GEAR					
239	RUQ112ZA	SPRING					
240	RUS609ZC	TAPE PRESSURE SPRING					
241	RUB514ZC	LEVER					
242	RUW147ZA	SPRING					

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