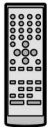
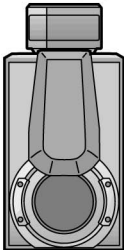


**Remote
Control
Transmitter**

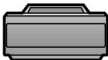


***SB-PS75**



***SB-EH760**

***SB-PC75**



SL-EH760

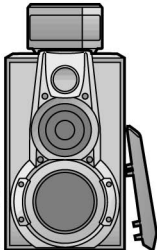
SH-EH760



RS-EH760


SA-EH760

***SB-PS75**



***SB-EH760**

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

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

System	SC-EH760
Sound Processor	SH-EH760
Tuner/Amplifier	SA-EH760
CD Changer	SL-EH760
Cassette Deck	RS-EH760
Front Speakers*	SB-EH760
Center Speaker*	SB-PC75
Surround Speakers*	SB-PS75

* : Made in Spain.

Specifications

Deck system:	Stereo cassette deck
Track system:	4 track, 2 channel
Recording system:	AC bias
Bias frequency:	100 kHz
Erasing system:	AC erase
Heads:	
Deck 1 (Playback head);	Permalloy head
Deck 2 (Recording/Playback head); (Erasing head);	Permalloy head Double gap ferrite head
Motors:	
Deck 1, 2 Capstan drive;	DC servo motor
Tape speed:	4.8 cm/sec.
Wow and flutter:	0.16 % (WRMS)
Fast forward and rewind times:	Approx. 110 seconds with C-60 cassette tape

Frequency response (Dolby NR off):

TYPE I (NORMAL);	20 Hz – 16 kHz (DIN)
TYPE II (HIGH);	20 Hz – 16 kHz (DIN)
TYPE IV (METAL);	20 Hz – 16 kHz (DIN)

S/N (Signal level = max recording level, TYPE II type tape):

NR off;	56 dB (A weighted)
Dolby B NR on;	66 dB (A weighted)

Input sensitivity and impedance:

REC (IN);	150 mV/ 23 k Ω
------------------	-----------------------

Output voltage and impedance:

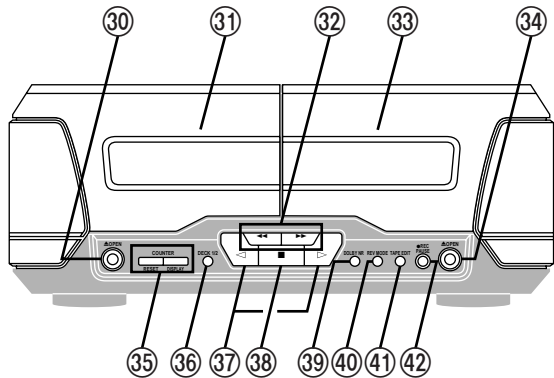
PLAY (OUT);	280 mV/ 360 Ω
--------------------	----------------------

General

Dimensions (W×H×D): 294×118.5×281 mm

Mass: 2.1 kg

Notes: Specifications are subject to change without notice.
Mass and dimensions are approximate.



③⑩ Deck 1 cassette holder open button (▲ OPEN)

③⑪ Deck 1 cassette holder

③⑫ Fast forward/rewind buttons (◀◀, ▶▶)

③⑬ Deck 2 cassette holder

③⑭ Deck 2 cassette holder open button (▲ OPEN)

③⑮ Counter reset, display buttons
(COUNTER, RESET, DISPLAY)

③⑯ Deck 1/deck 2 select button (DECK 1/2)

③⑰ Playback buttons and indicators (◁, ▷)

The color of the indicators depends on the operation taking place.

If stopped, fast forwarding or rewinding: orange

If playing or recording: green

While carrying out TPS or recording is on standby: flashes

③⑱ Stop button (■)

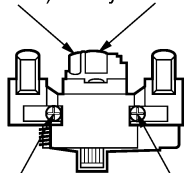
③⑲ Dolby noise reduction button (DOLBY NR)

④⑰ Reverse mode button (REV MODE)

④⑱ Tape edit button (TAPE EDIT)

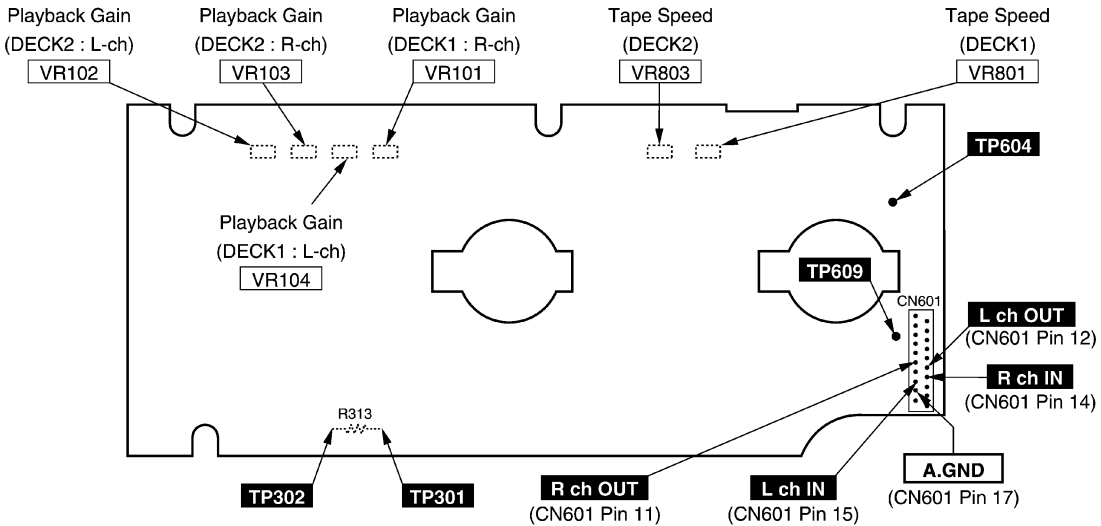
④⑲ Record pause button (● REC PAUSE)

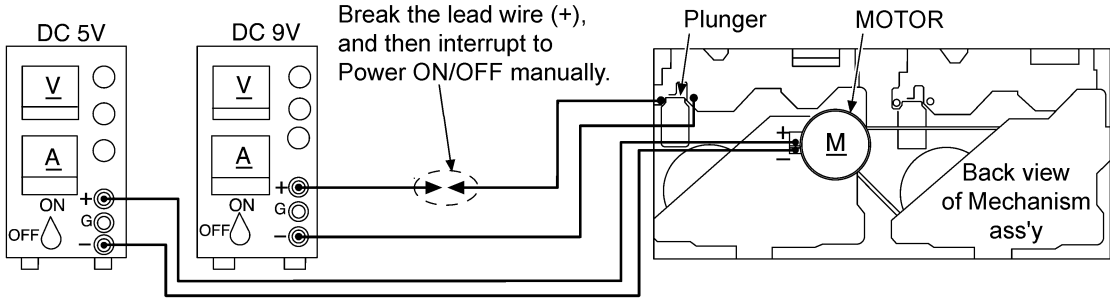
Erase Head (Deck2) Record/Playback Head (Deck2)
Playback Head (Deck1)



Azimuth Screw
(FWD)

Azimuth Screw
(REV)

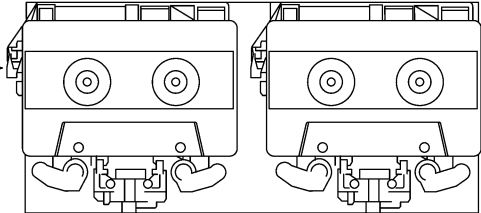
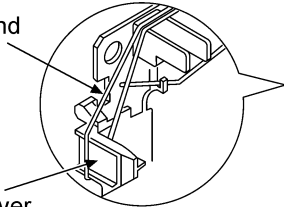


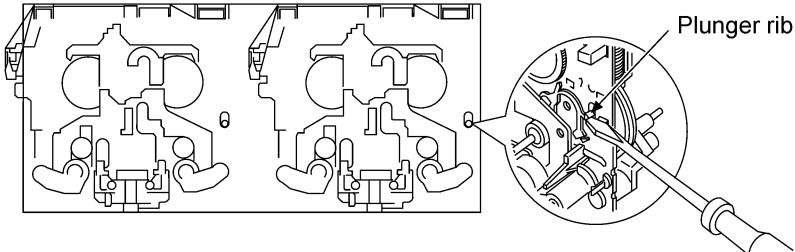


Front view of mechanism ass'y

Rubber band

EJECT lever

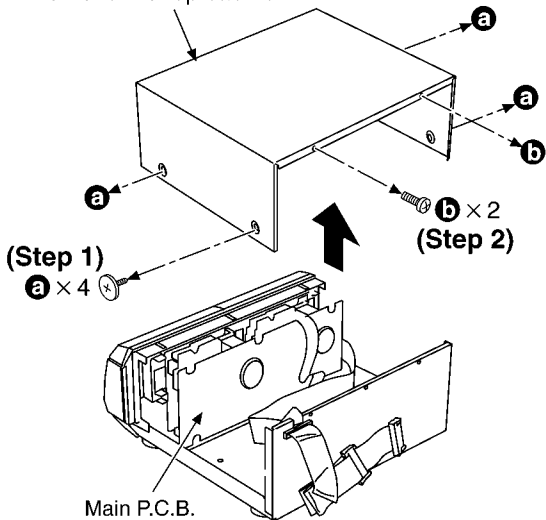




FL display	Symptom	Cause
H01	Cassette deck does not operate correctly.	Faulty cassette deck mechanism mode detection switch (Deck 1: S951, Deck 2: S971) and plunger. (Check and replace)
H02	Unit does not record, or the unit goes into recording mode even when the erasure prevention tabs have been removed from the cassette.	Faulty erasure prevention tabs detection switch (S974, S975) or short-circuit. (Check and replace)
H03	Tape does not play, even when the tape deck play button is pressed. The motor operates when the tape deck play button is pressed, even when no cassette is loaded in the deck.	Faulty tape detection switch (Deck 1: S952, Deck 2: S972) or short-circuit. (Check and replace)
H06	Cassette deck does not detect CrO ₂ tape.	Faulty CrO ₂ tape detect switch (Deck 1: S953, Deck 2: S973). (Check and replace)
H07	Cassette deck does not detect Metal tape.	Faulty Metal tape detect switch (S976). (Check and replace)
F01	When the tape play button is pressed, tape advances only slightly and then stops.	Reel pulse error (Faulty Hall IC). (Check and replace)
F02	TPS (tape program search) does not work.	Faulty TPS signal detection or faulty plunger control. (Check and replace mechanism control IC)

(Step 3)

Remove the top cabinet.

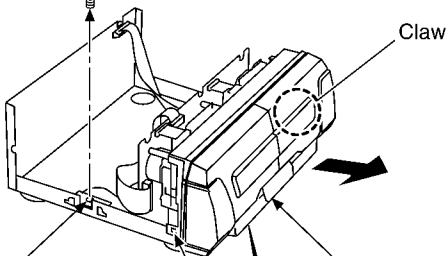


(Step 1)

a

(Step 3)

Release the 4 claws, and then
remove the front panel ass'y.

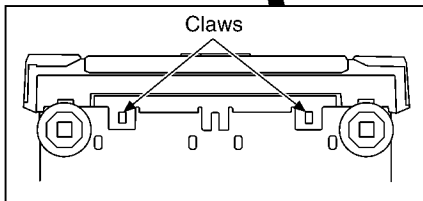


(Step 2)

Remove the GND P.C.B..

Claw

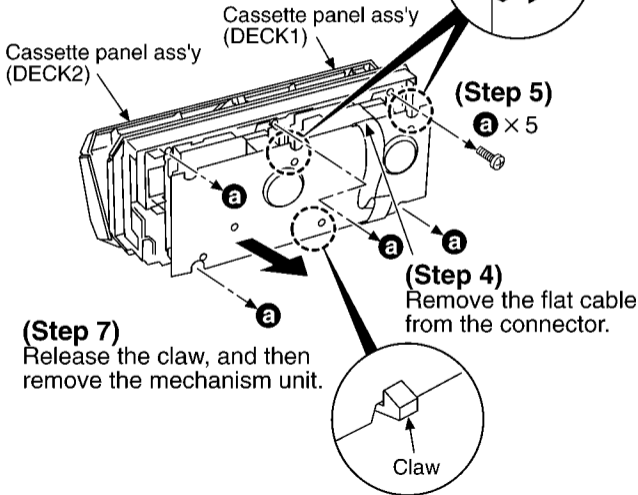
Front panel ass'y

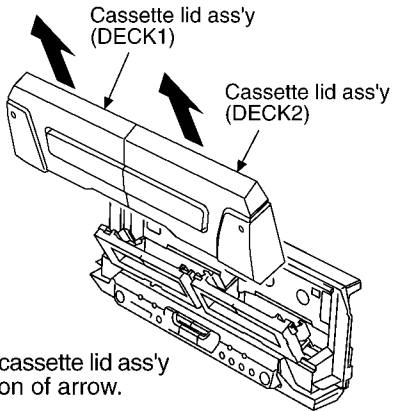


(Bottom side)

(Step 6)

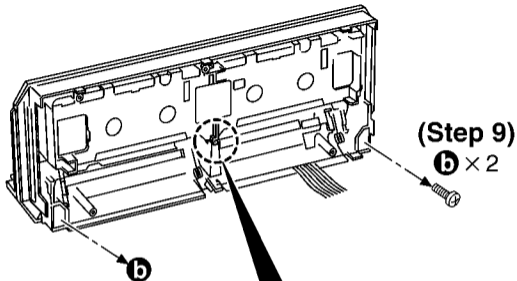
Press the eject rod in the direction of arrow, and then open the cassette panel ass'y.





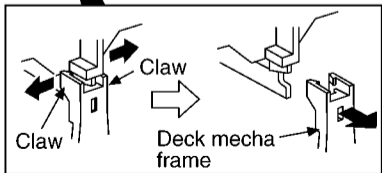
(Step 8)

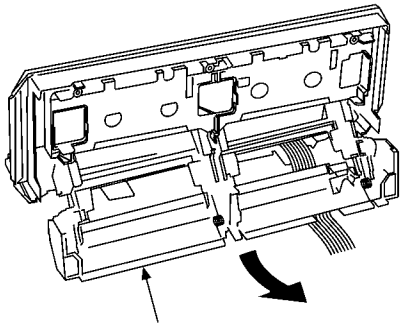
Remove the cassette lid ass'y
in the direction of arrow.



(Step 10)

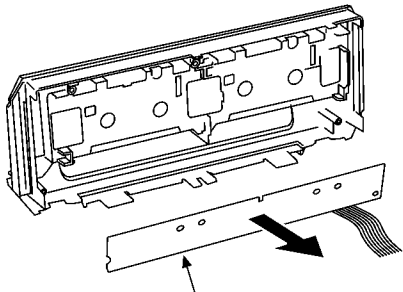
Release the 2 claws, and then remove the deck mecha frame.





(Step 11)

Remove the deck mecha frame
in the direction of arrow.

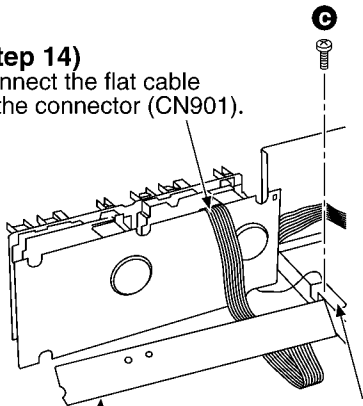


(Step 12)

Remove the operation P.C.B..

(Step 14)

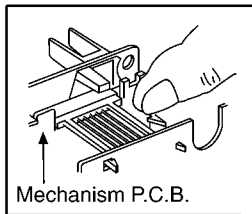
Connect the flat cable to the connector (CN901).



Operation P.C.B.

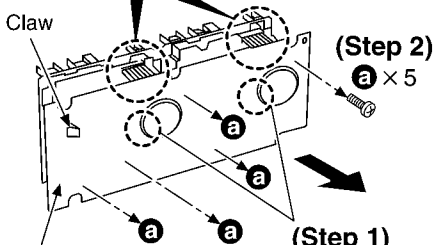
(Step 13)

Install the GND P.C.B. to the bottom chassis, and then tighten screw (C).



NOTE:

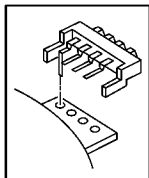
When removing the main P.C.B., remove it with holding the mechanism P.C.B..



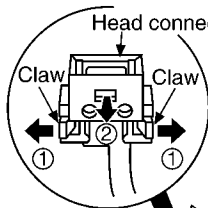
(Step 3)
Release the claw, and then remove the main P.C.B..

NOTE:

Handle the connector with care so that the shape of terminals different from others.



※ The illustration below shows DECK2 mechanism.
For DECK1 mechanism, perform the same
procedure as DECK2.



(Step 5)

Release the 2 claws,
and then remove the
head connector.

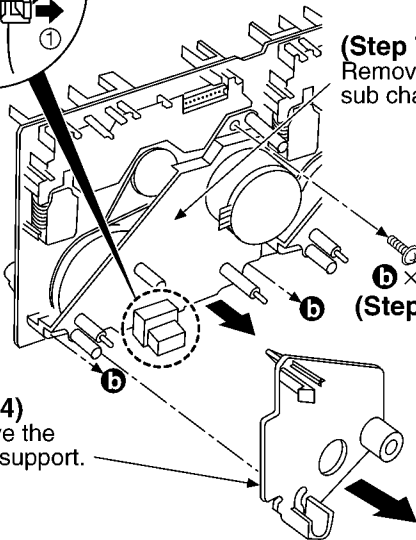
(Step 7)

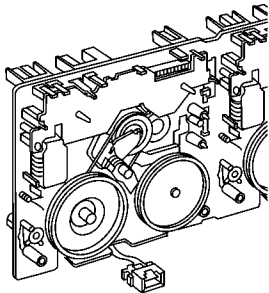
Remove the
sub chassis.

(Step 4)

Remove the
P.C.B. support.

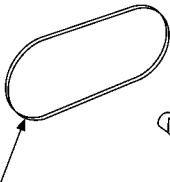
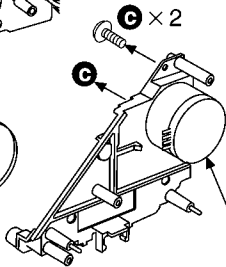
b × 3
(Step 6)





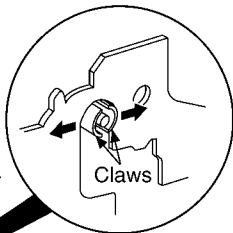
(Step 8)

G × 2

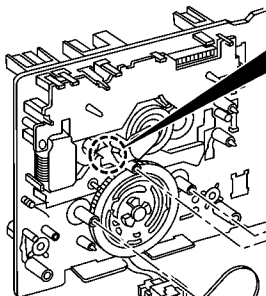


Capstan belt
[RDV0034]

Motor ass'y
[REM0055-1]



(Step 9)
Remove the flywheel R.

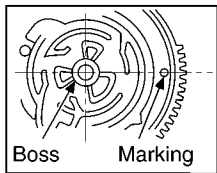


Winding belt
[RDV0033-4]

(Step 11)
Remove the flywheel F.

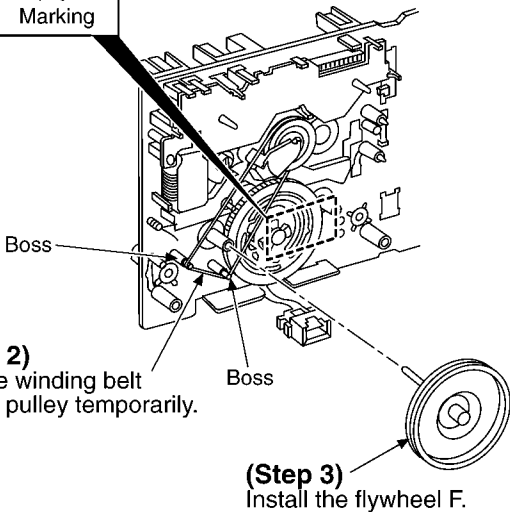
(Step 10)
Release the 2 claws,
and then remove the
winding lever and
spring.

Installation of the belt



(Step 1)

The boss and marking should be positioned horizontally.

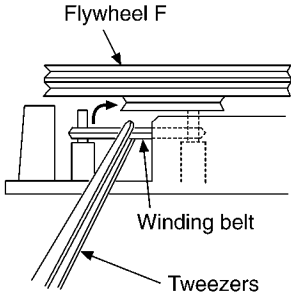


(Step 2)

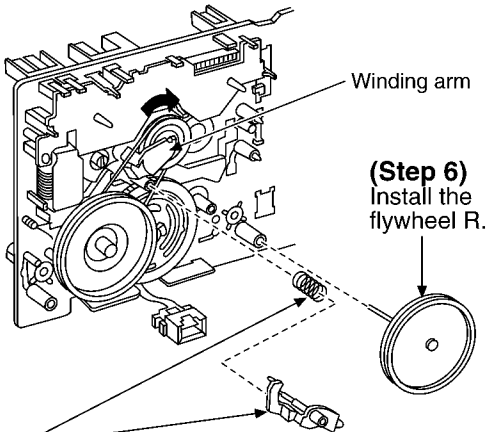
Put the winding belt on the pulley temporarily.

(Step 3)

Install the flywheel F.



(Step 4)
Put the winding belt on
the flywheel F.

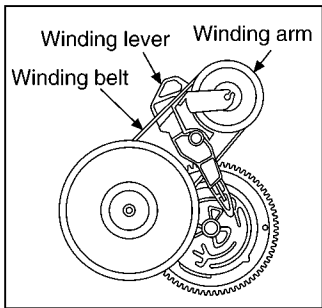


(Step 5)

Install the winding lever and spring while pressing the winding arm in the direction of arrow. (The winding lever must be inserted completely and latched with claws.)

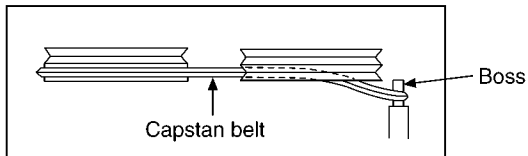
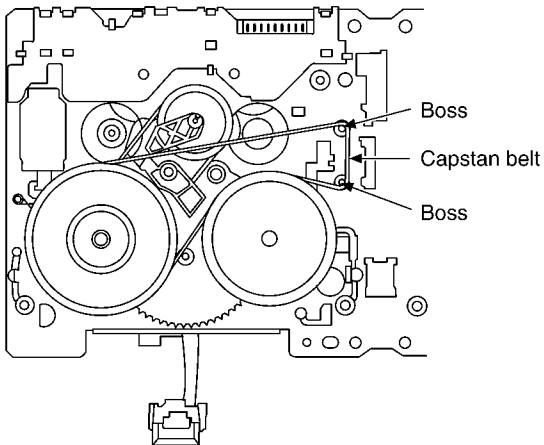
NOTE:

The winding lever should be positioned as shown right.



(Step 7)

Put the capstan belt temporarily as shown below.



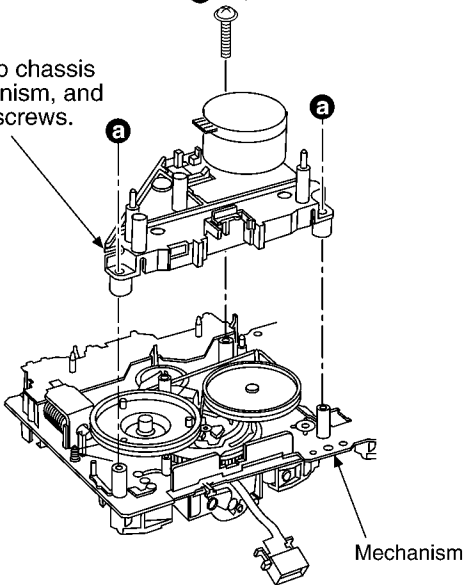
(Side view)

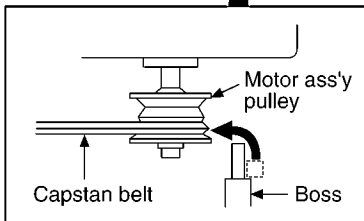
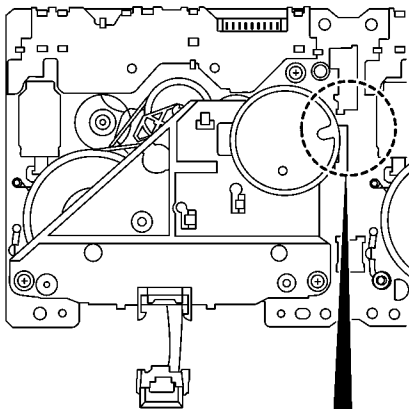
(Step 9)

a × 3

(Step 8)

Install the sub chassis to the mechanism, and then tighten screws.





(Step 10)
Put the capstan belt on the
motor ass'y pulley.

(Step 1)

a



Claw

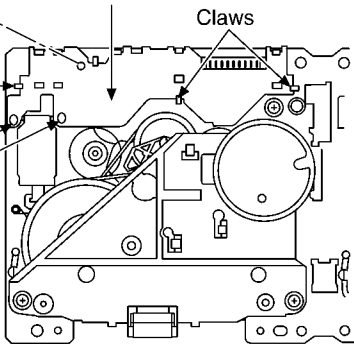
(Step 3)

Release the 3 claws, and then remove the mechanism P.C.B..

Claws

(Step 2)

Unsolder the plunger terminals (2 points).



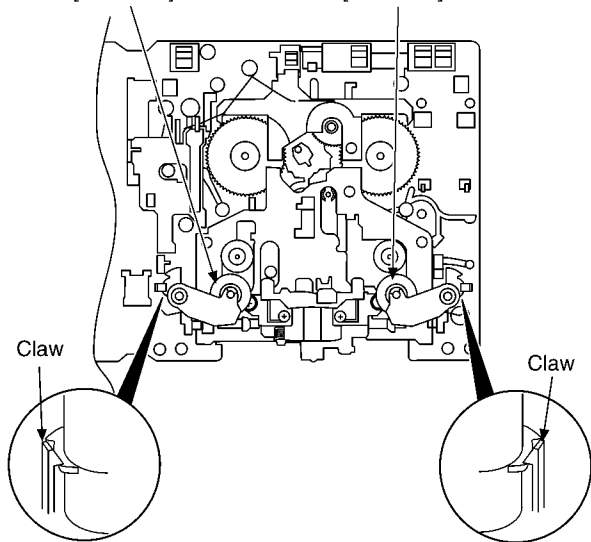
- ※ The mechanism as shown below is for DECK2.
For the one of DECK1, perform the same procedures.

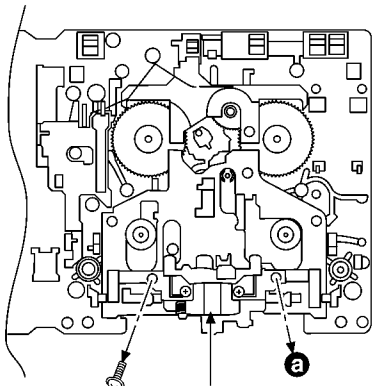
(Step 1)

Release the 2 claws, and then remove the pinch roller (R), (F).

Pinch roller ass'y (R)
[RXL0125]

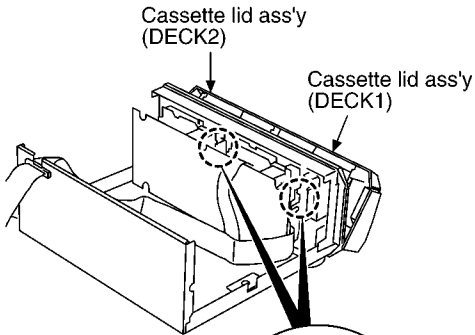
Pinch roller ass'y (F)
[RXL0124]





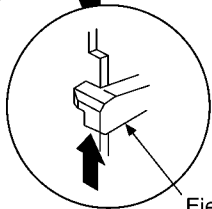
a × 2
(Step 2)

Head block
[RED0037]



(Step 1)

Press the eject rod in the direction of arrow, and then open the cassette lid ass'y.

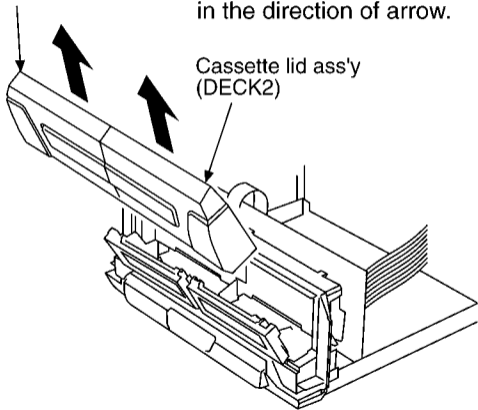


Cassette lid ass'y
(DECK1)

(Step 2)

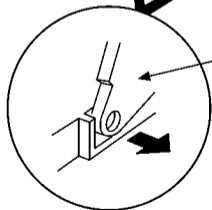
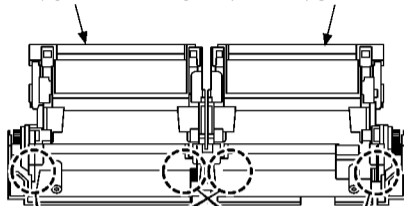
Remove the cassette lid ass'y
in the direction of arrow.

Cassette lid ass'y
(DECK2)

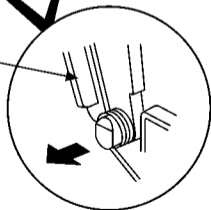


Cassette holder
(DECK2) [RKF0463-K2]

Cassette holder
(DECK1) [RKF0462-K2]

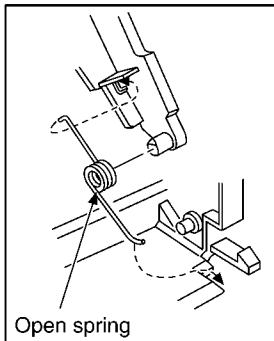


Lug of cassette holder

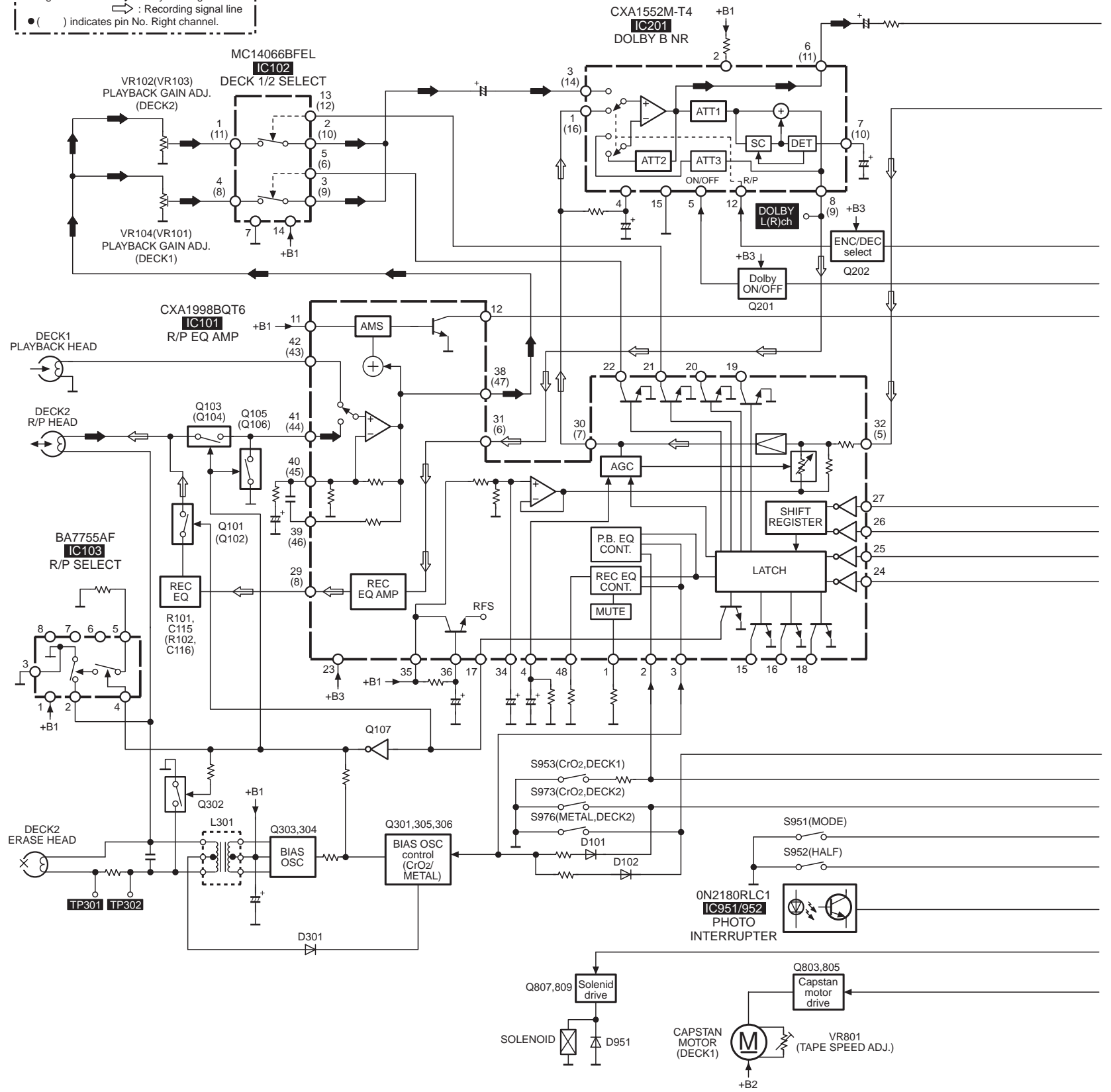


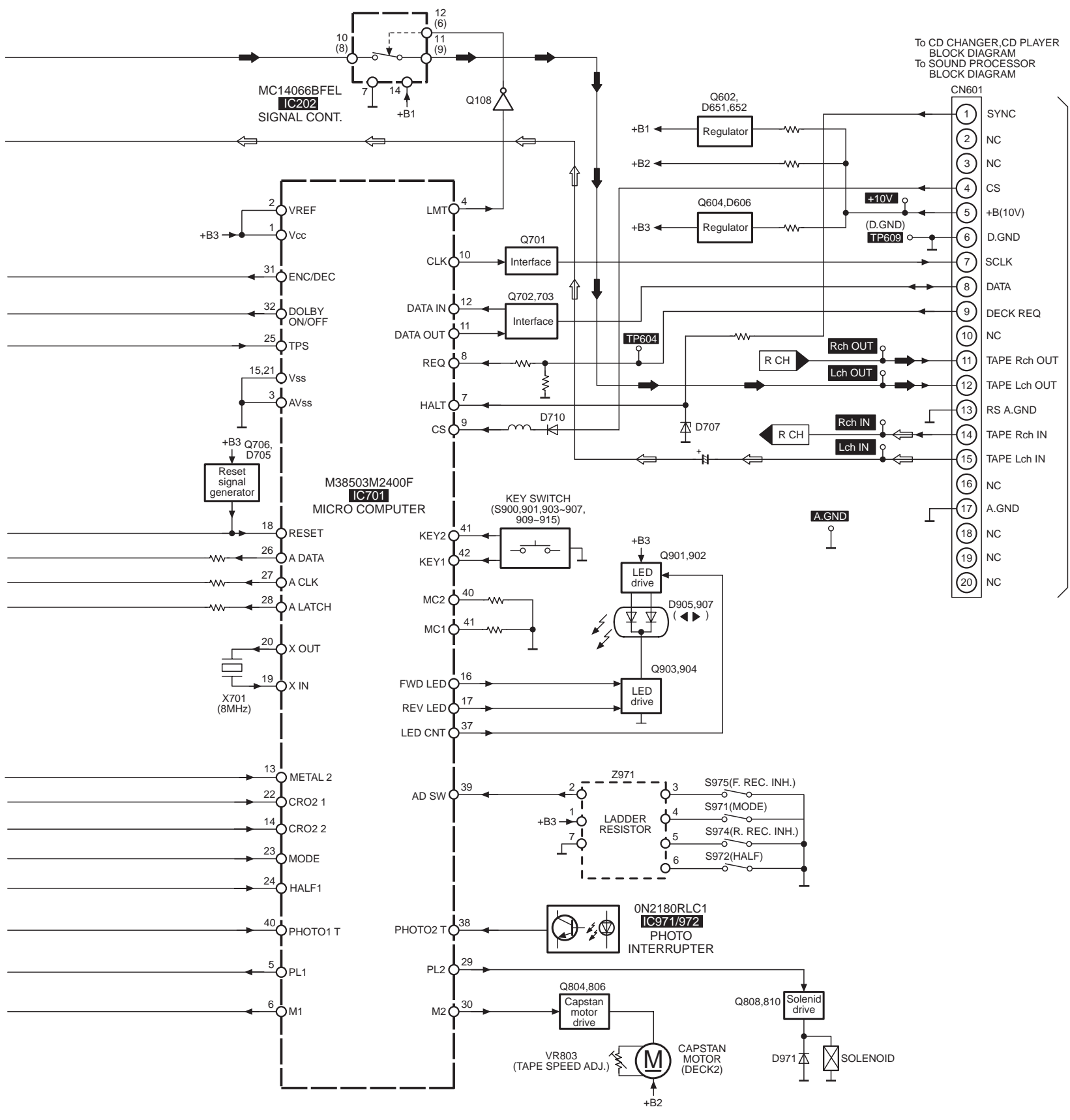
- Release the lug of cassette holder in the direction of arrow.

■ Open spring installation



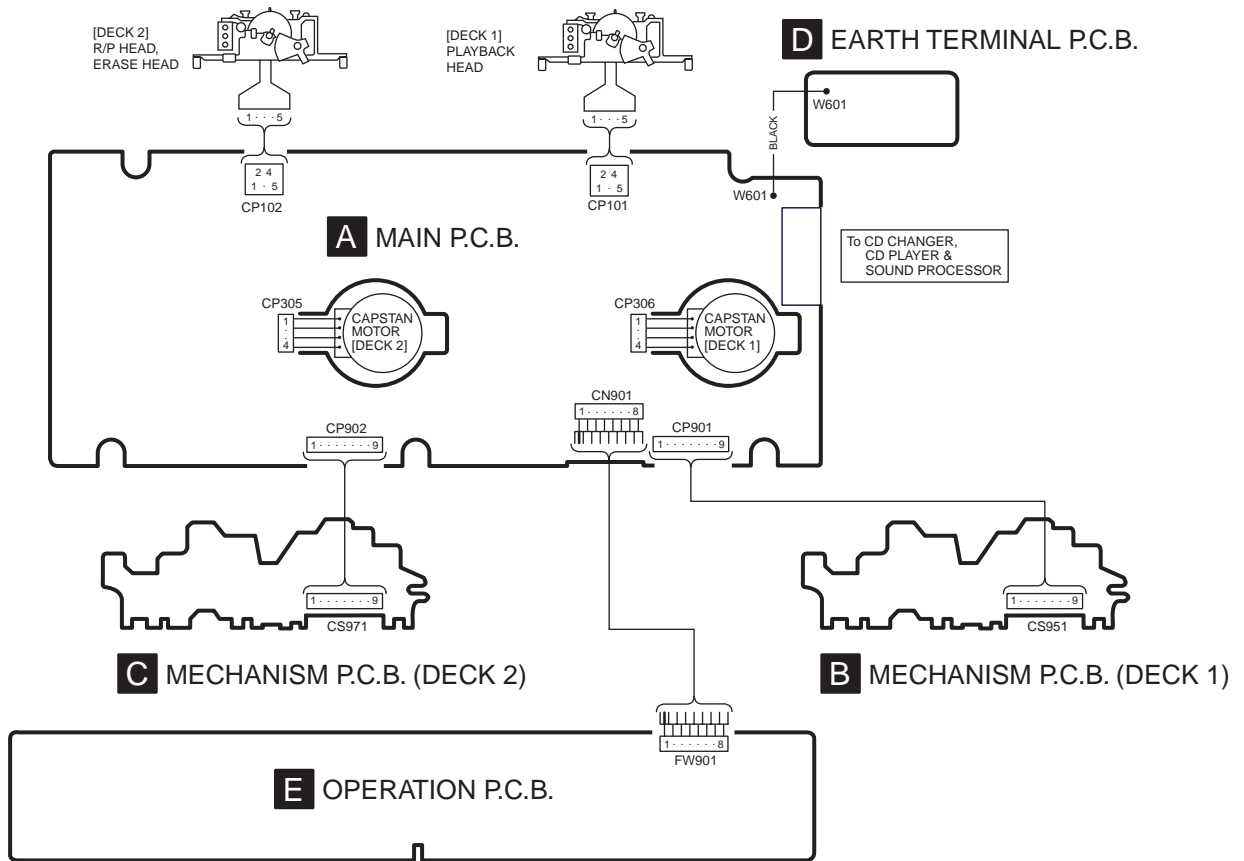
Notes
 ● Signal line ➔ Playback signal line
 ○ Recording signal line
 ● () indicates pin No. Right channel.





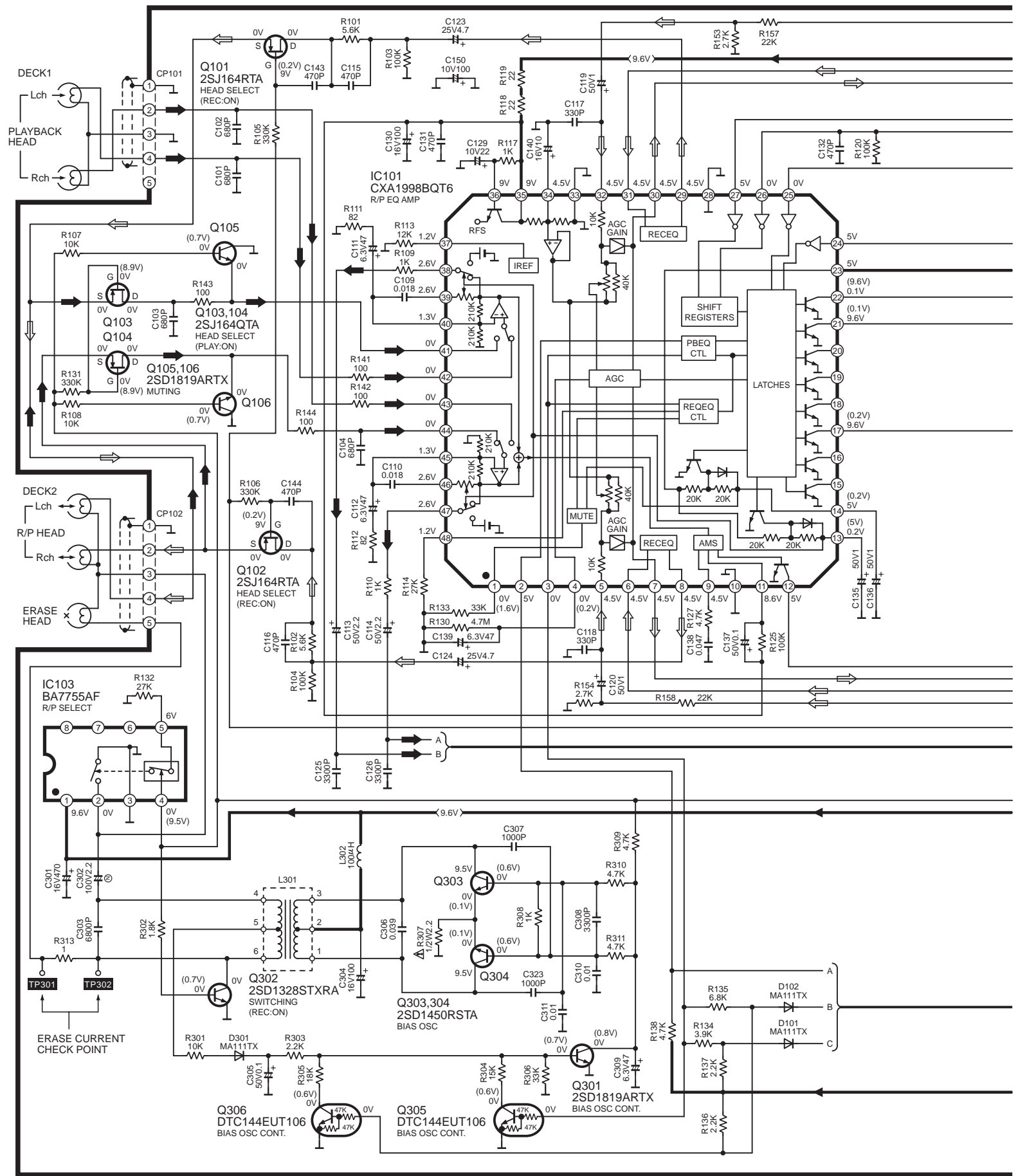
To CD CHANGER, CD PLAYER
BLOCK DIAGRAM
To SOUND PROCESSOR
BLOCK DIAGRAM

- CN601
- 1 SYNC
 - 2 NC
 - 3 NC
 - 4 CS
 - 5 +B(10V)
 - 6 D.GND
 - 7 SCLK
 - 8 DATA
 - 9 DECK REQ
 - 10 NC
 - 11 TAPE Rch OUT
 - 12 TAPE Lch OUT
 - 13 RS A.GND
 - 14 TAPE Rch IN
 - 15 TAPE Lch IN
 - 16 NC
 - 17 A.GND
 - 18 NC
 - 19 NC
 - 20 NC

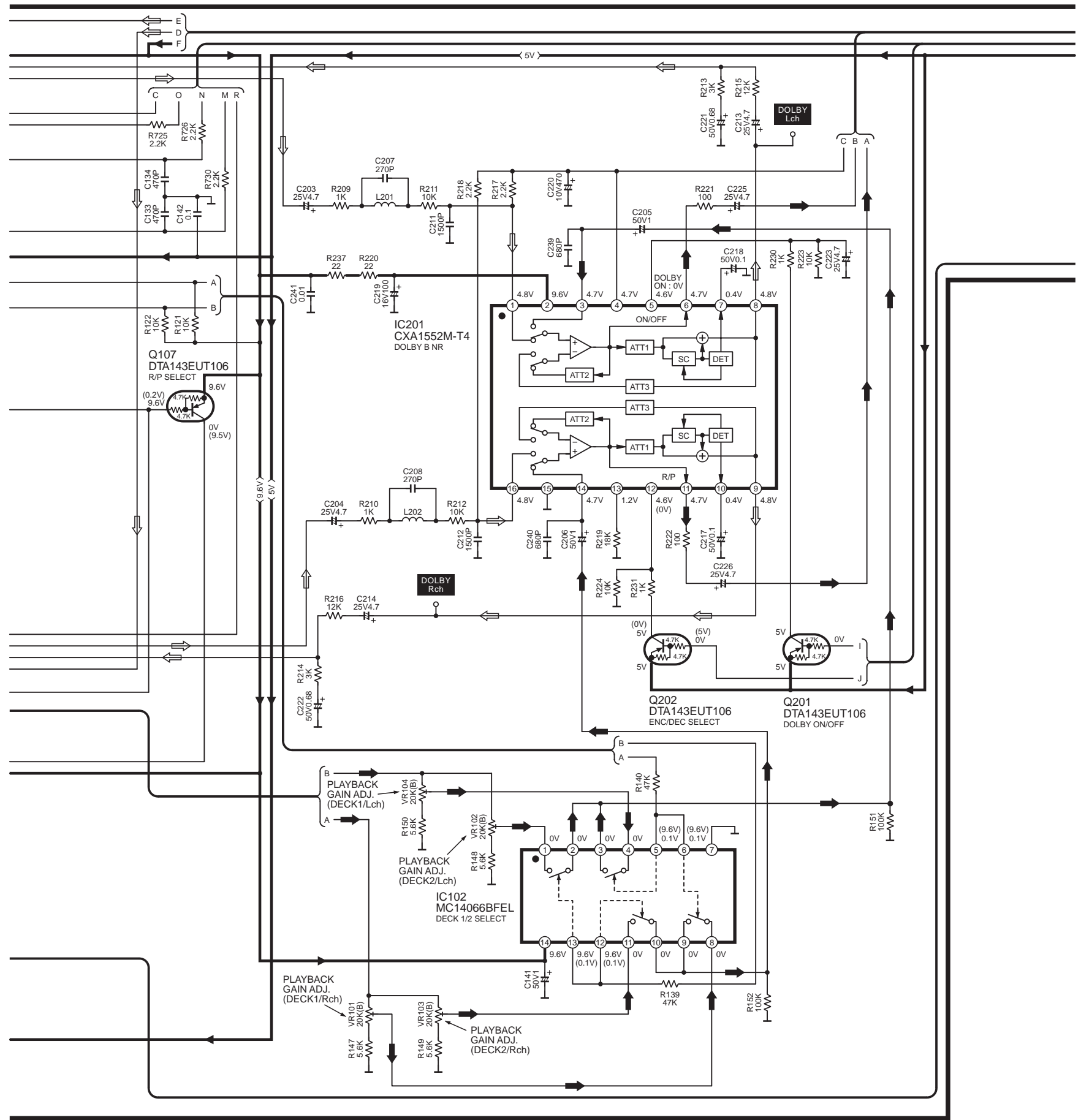


A MAIN CIRCUIT

→ : POSITIVE VOLTAGE LINE
 ⇨ : PLAYBACK SIGNAL LINE
 ⇩ : RECORDING SIGNAL LINE

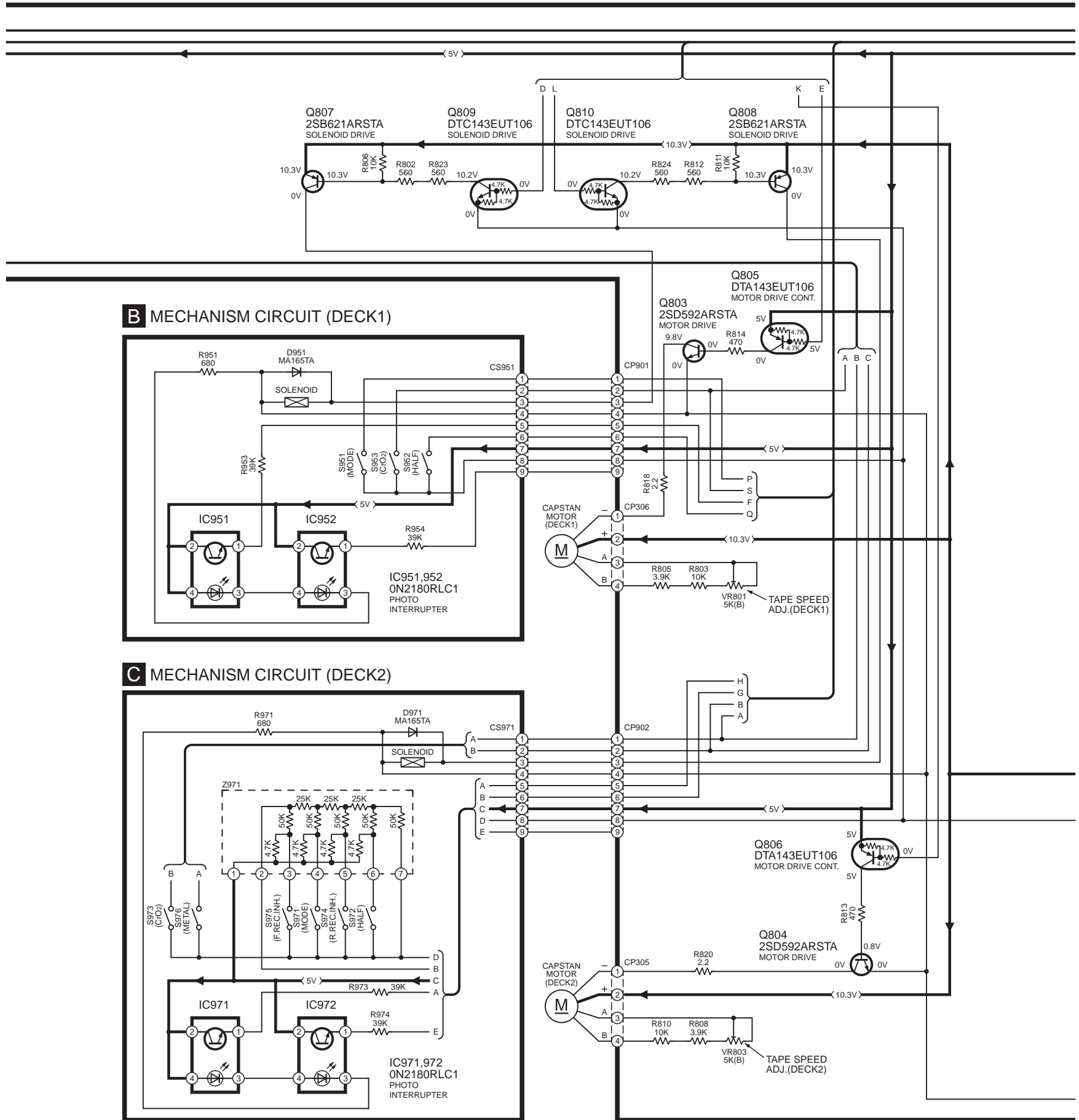


→ : PLAYBACK SIGNAL LINE
 → : POSITIVE VOLTAGE LINE
 ⇨ : RECORDING SIGNAL LINE

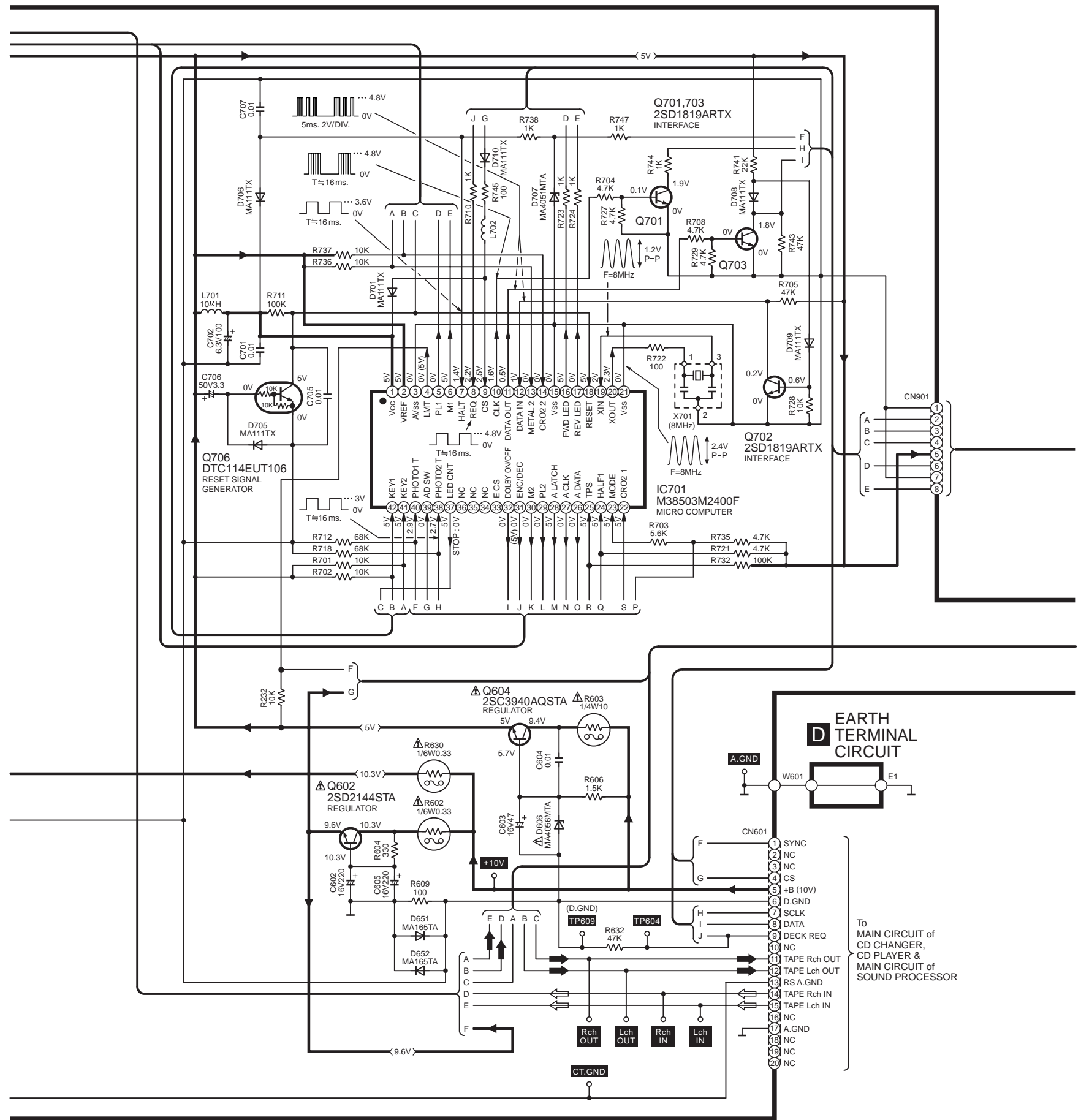


A MAIN CIRCUIT

→ .POSITIVE VOLTAGE LINE



→ : PLAYBACK SIGNAL LINE
 → : POSITIVE VOLTAGE LINE
 ⇨ : RECORDING SIGNAL LINE



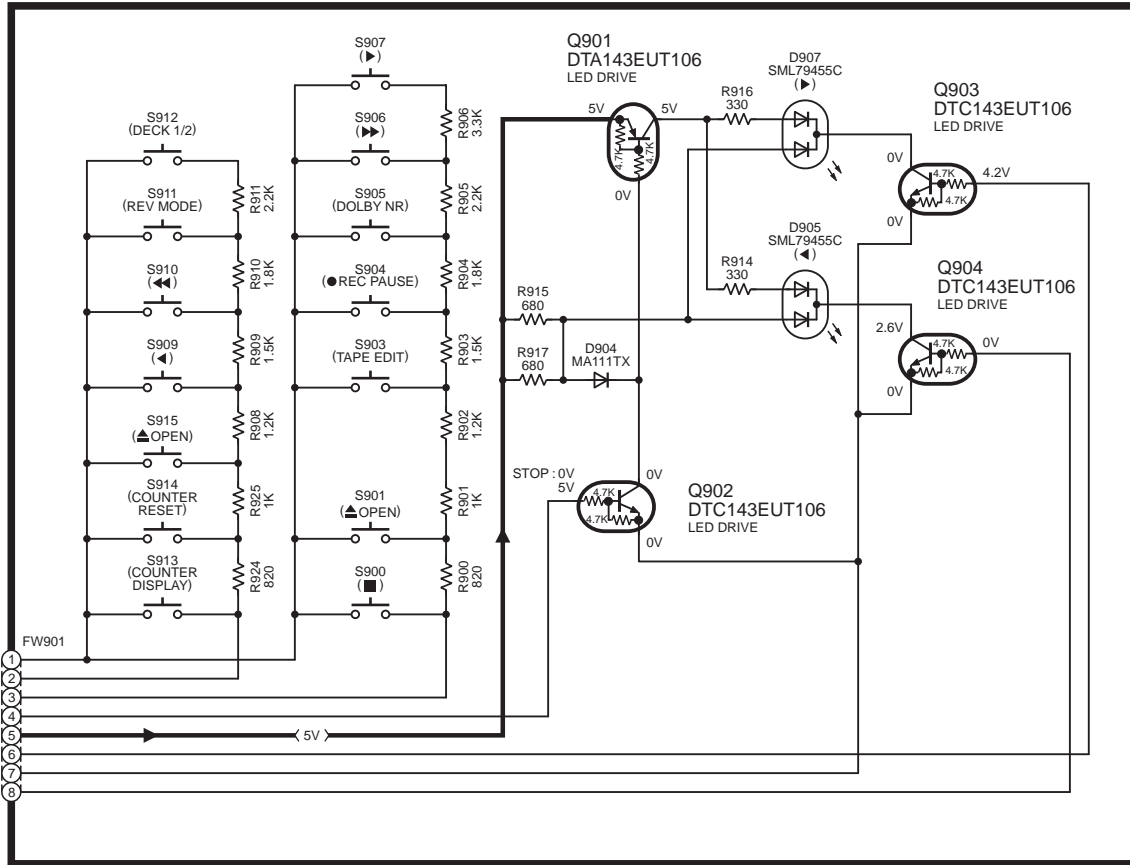
EARTH TERMINAL CIRCUIT



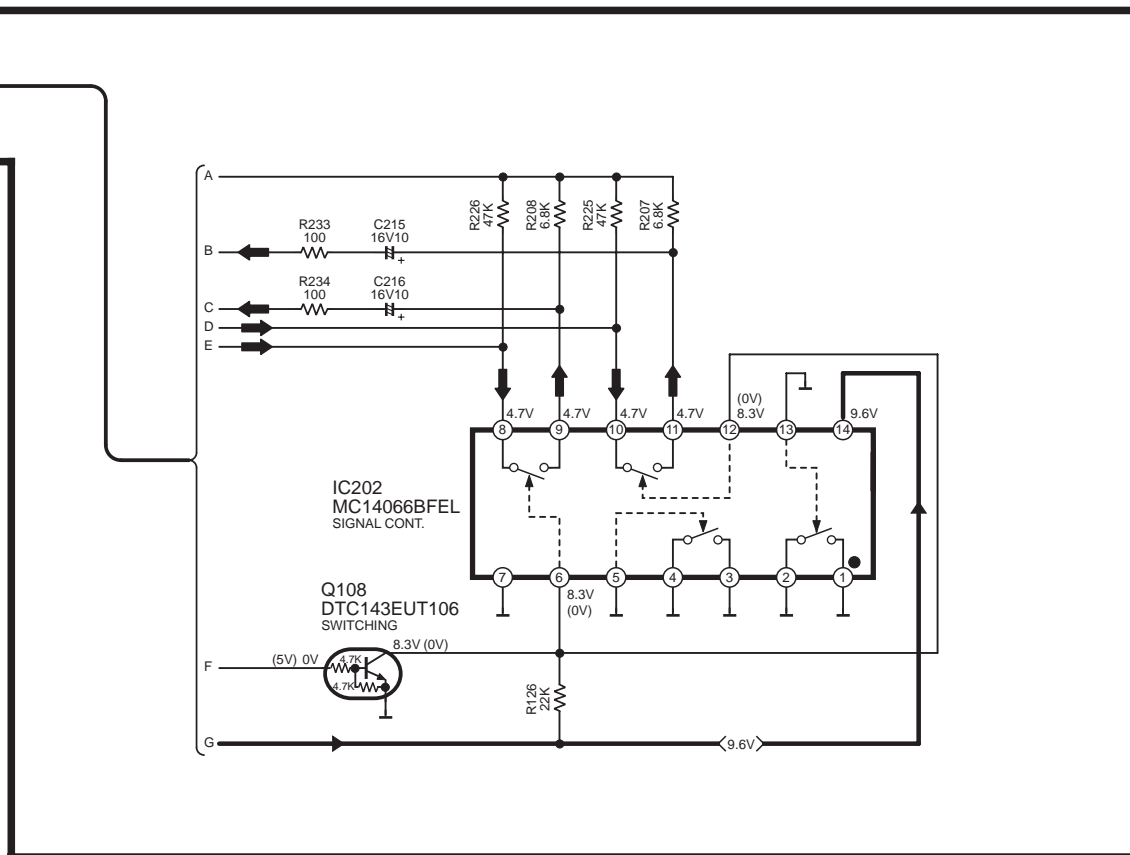
To MAIN CIRCUIT of CD CHANGER & MAIN CIRCUIT of SOUND PROCESSOR

E OPERATION CIRCUIT

→ : POSITIVE VOLTAGE LINE
 ⇨ : PLAYBACK SIGNAL LINE



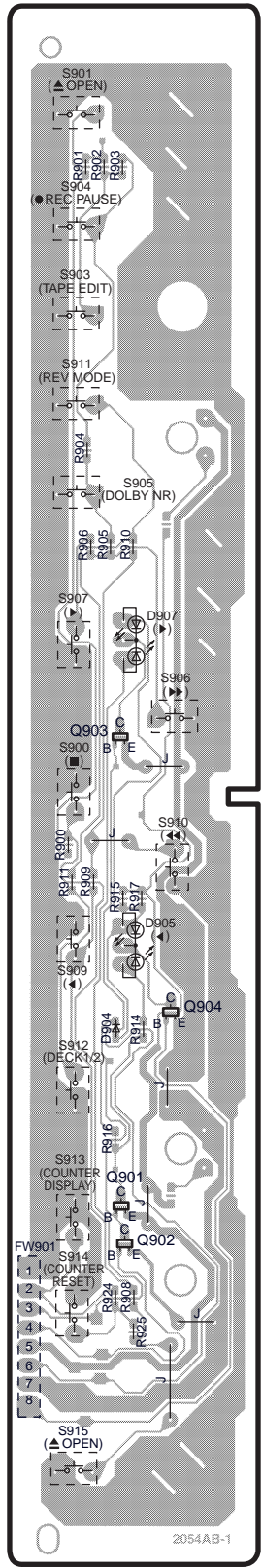
A MAIN CIRCUIT



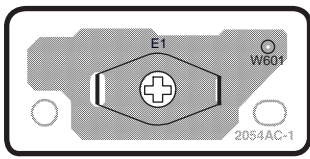
A | B | C | D | E | F

1
2
3
4
5
6
7
8

E OPERATION P.C.B.



D EARTH TERMINAL P.C.B.

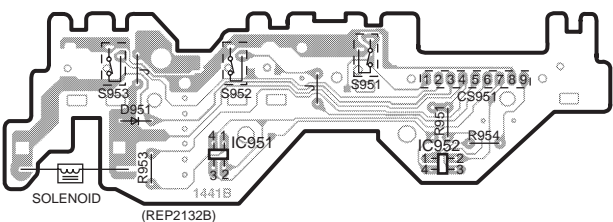


ELECTRICAL PARTS LOCATION

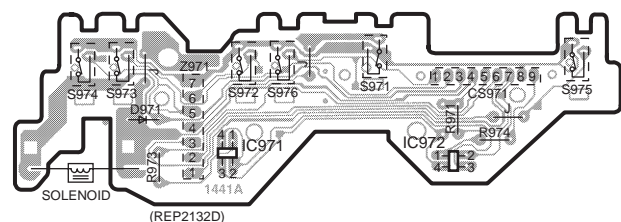
Ref. No.	Lo. No.	Ref. No.	Lo. No.
D EARTH TERMINAL P.C.B.			
W601	2E	E1	2D
E OPERATION P.C.B.			
Q901	7B	S915	8B
Q902	7B	FW901	7A
Q903	5B	R900	5B
Q904	6B	R901	2B
D904	6B	R902	2B
D905	6B	R903	2B
D907	4B	R904	3B
S900	5B	R905	4B
S901	2B	R906	4B
S903	3B	R908	7B
S904	2B	R909	5B
S905	3B	R910	4B
S906	4B	R911	5B
S907	4B	R914	6B
S909	6B	R915	5B
S910	5B	R916	6B
S911	3B	R917	5B
S912	6B	R924	7B
S913	7B	R925	7B
S914	7B		

A		B		C		D		E		F					
■ ELECTRICAL PARTS LOCATION															
Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.		
■ MECHANISM P.C.B. (DECK 1)															
IC951	3B	D951	3A	S952	3B	S953	3A	CS951	3C	R951	3C	R953	3A	R954	3C
IC952	3C	S951	3B												
■ MECHANISM P.C.B. (DECK 2)															
IC971	3E	D971	3D	S971	3E	S973	3D	S975	3F	CS971	3F	R973	3D	R974	3F
IC972	3F	Z971	3E	S972	3E	S974	3D	S976	3E	R971	3F				

B MECHANISM P.C.B. (DECK1)



C MECHANISM P.C.B. (DECK2)

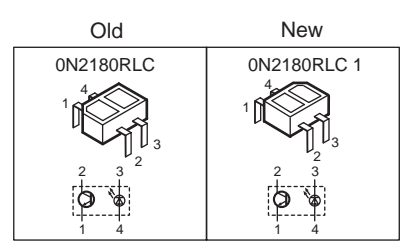
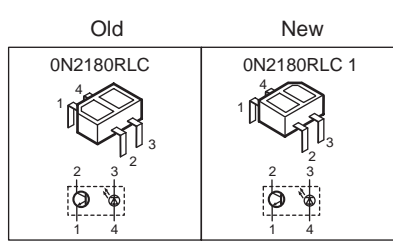
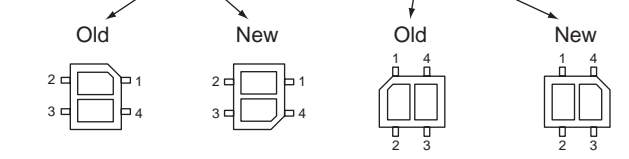
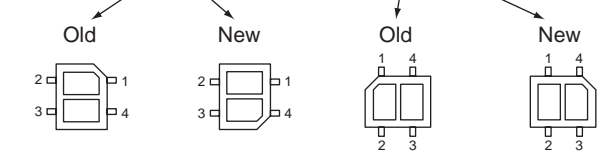
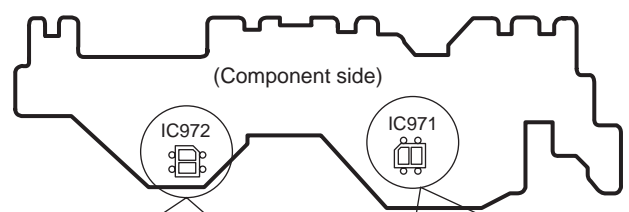
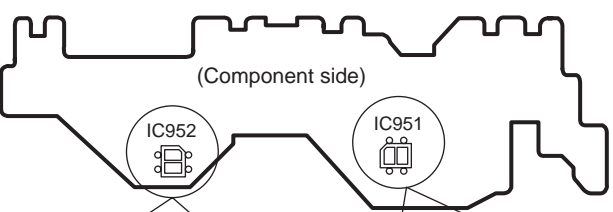


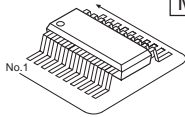
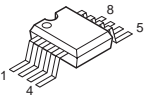
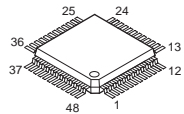
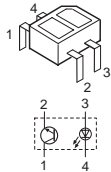
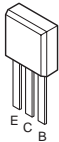
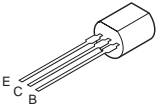
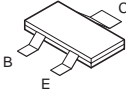
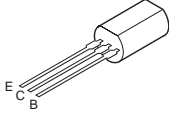
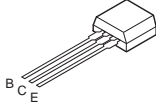
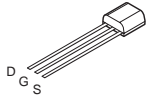
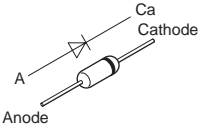
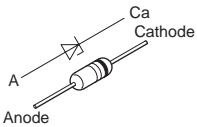
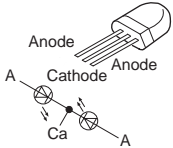
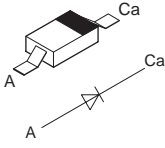
- Note for IC951 and IC952 replacement**
- Two different types (old or new) parts are mounted on P.C.B. as for IC951 and 952.
 - When servicing, care to replace the parts due to those shape.
 - Replacement procedures

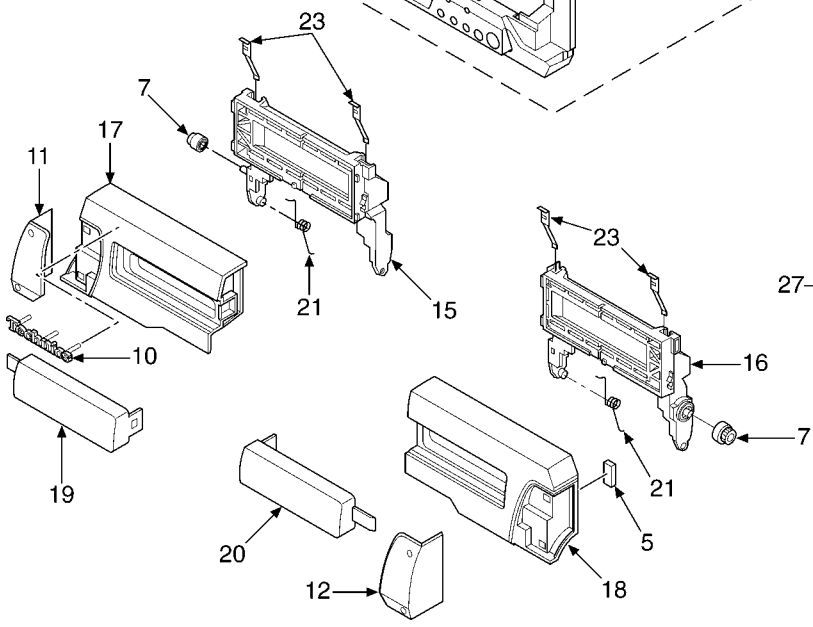
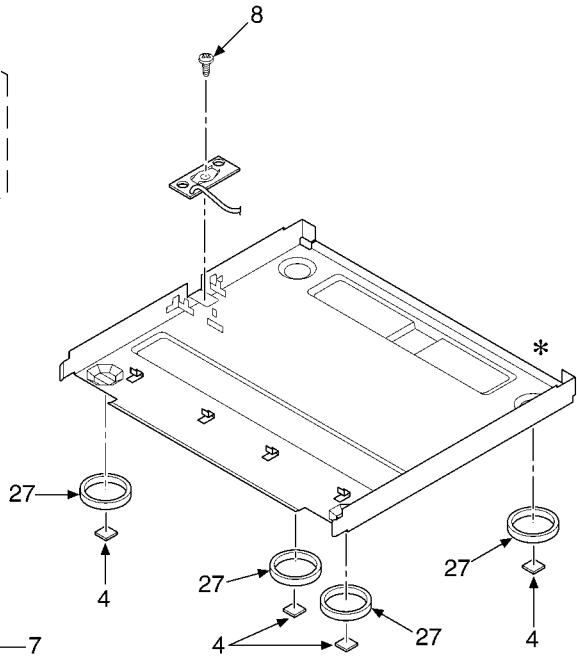
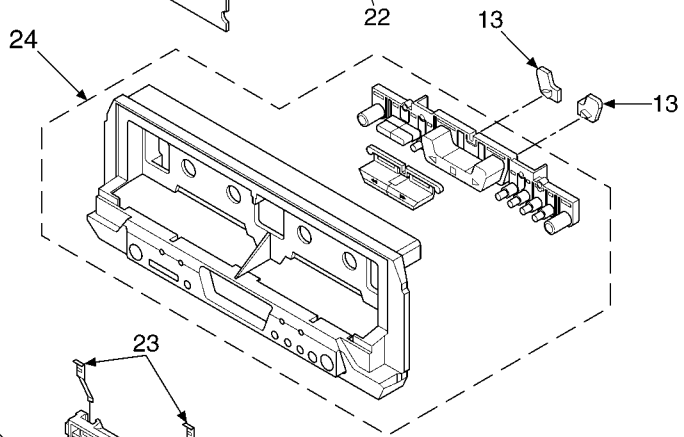
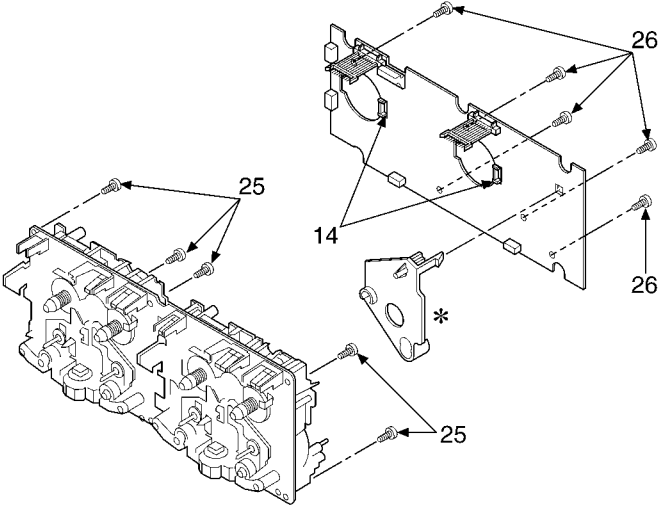
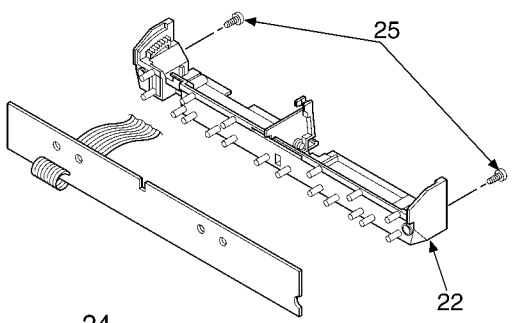
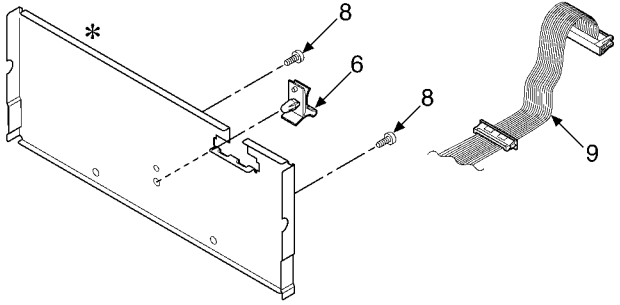
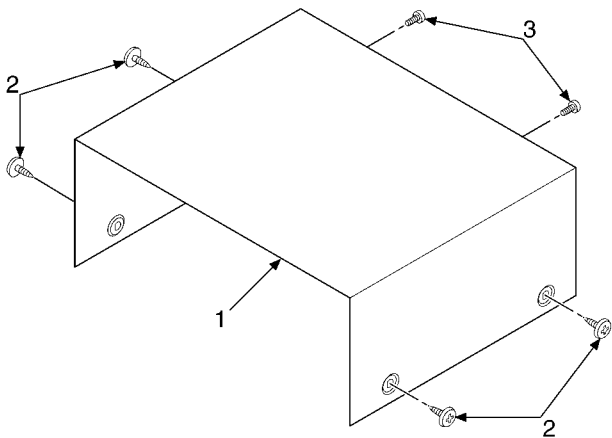
- Note for IC971 and IC972 replacement**
- Two different types (old or new) parts are mounted on P.C.B. as for IC971 and 972.
 - When servicing, care to replace the parts due to those shape.
 - Replacement procedures

Parts No.	Direction	Remarks
Old 0N2180RLC	Mount the parts on given position. (Printed pattern on P.C.B.)	Refer to the figure below.
New 0N2180RLC1	For IC951: Mount the parts so the cut corner is located upper right. For IC952: Mount the parts so the cut corner is located lower right.	

Parts No.	Direction	Remarks
Old 0N2180RLC	Mount the parts on given position. (Printed pattern on P.C.B.)	Refer to the figure below.
New 0N2180RLC1	For IC971: Mount the parts so the cut corner is located upper right. For IC972: Mount the parts so the cut corner is located lower right.	



 <table border="1" data-bbox="326 195 557 268"> <tr> <td>CXA1552M-T4</td> <td>16PIN</td> </tr> <tr> <td>MC14066BFEL</td> <td>14PIN</td> </tr> <tr> <td>M38503M2400F</td> <td>42PIN</td> </tr> </table>	CXA1552M-T4	16PIN	MC14066BFEL	14PIN	M38503M2400F	42PIN	<p>BA7755AF</p> 	<p>CXA1998BQT6</p> 	<p>0N2180RLC1</p>  <table border="1" data-bbox="1117 317 1170 386"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>2</td> <td>3</td> <td>4</td> <td>1</td> </tr> </table>	1	2	3	4	2	3	4	1	<p>2SD1450RSTA</p> 
CXA1552M-T4	16PIN																	
MC14066BFEL	14PIN																	
M38503M2400F	42PIN																	
1	2	3	4															
2	3	4	1															
<p>2SB621ARSTA 2SD592ARSTA</p> 	<p>2SD1819ARTX 2SD1328STXRA DTA143EUT106 DTC114EUT106 DTC143EUT106 DTC144EUT106</p> 	<p>2SC3940AQSTA</p> 	<p>2SD2144STA</p> 	<p>2SJ164QTA 2SJ164RTA</p> 														
<p>MA165TA</p> 	<p>MA4051MTA MA4056MTA</p> 	<p>SML79455C</p> 	<p>MA111TX</p> 															



Note: We do not supply those items of parts marked*.

