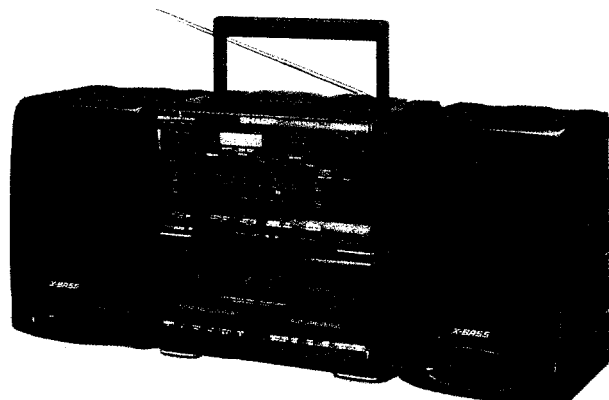


SHARP SERVICE MANUAL

S9276GXCD555Z



MASTER COPY
DO NOT REMOVE

GX-CD555Z(GY)

COMPACT
DISC
DIGITAL AUDIO

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

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FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

● General

Power source:	AC 110-127/220-240 V, 50/60 Hz DC 12 V["D" size (UM/SUM-1, R20 or HP-2) battery × 8]
Power consumption:	55W
Output power:	PMPO; 46 W (23 W + 23 W) (AC operation) MPO (Max.); 26 W (13 W + 13 W) (AC operation) RMS; 10 W (5 W + 5 W) (DC operation, 10 % T.H.D.)
Output terminals:	Headphones: 16-50 ohms (recommended; 32 ohms) 3.5 mm (1/8") socket CD out; 0.5 V/10 kohms RCA pin type
Dimensions:	Width; 294 mm (11-9/16") Height; 269 mm (10-9/16") Depth; 229 mm (9")
Weight:	3.9 kg (8.6 lbs.) without batteries

● Tuner section

Frequency range:	FM; 88 - 108 MHz MW; 526.5 - 1,606.5 kHz SW1; 2.3 - 7.3 MHz SW2; 7.3 - 22 MHz
-------------------------	--

● Tape deck section

Frequency response:	50 - 14,000 Hz (Normal tape)
Signal/noise ratio:	55 dB (TAPE 1, playback) 50 dB (TAPE 2, recording/play- back)
Wow and flutter:	0.25 % (WRMS)
Motor:	DC 12V electric governor (1 motor)
Bias system:	AC bias
Erase system:	AC erase

● Compact disc player section

Disc:	Compact disc
Signal readout:	Non-contact, 3-beam semi- conductor laser pickup
Audio channels:	2
Decoder:	1 B-bit linear quantization
Filter:	4-time oversampling 1 B-bit digital filter
Frequency response:	20 - 20,000 Hz
Dynamic range:	90 dB
Wow and flutter:	Unmeasurable (less than 0.001% W. peak)

□ Speaker section

Type:	2-way bass-reflex type
Speakers:	12 cm (4-3/4") free-edge woofer x 2 Tweeter x 2
Maximum input power:	13 W
Impedance:	3 ohms
Dimensions:	Width; 170 mm (6-5/8") Height; 261 mm (10-1/4") Depth; 190 mm (7-7/16")
Weight:	1.5 kg (3.3 lbs.)/each

Specifications for this model are subject to change without prior notice.

STRINGING OF DIAL CORD

1. Turn the drum fully in the direction ① shown in Fig. 2-2 and stretch its cord over the parts in the numerical order.
2. Then turn the tuning control shaft fully in the direction ② shown in Fig. 2-2 and fix its pointer as shown in Fig. 2-1.

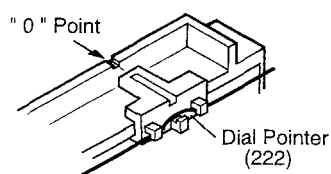


Figure 2-1

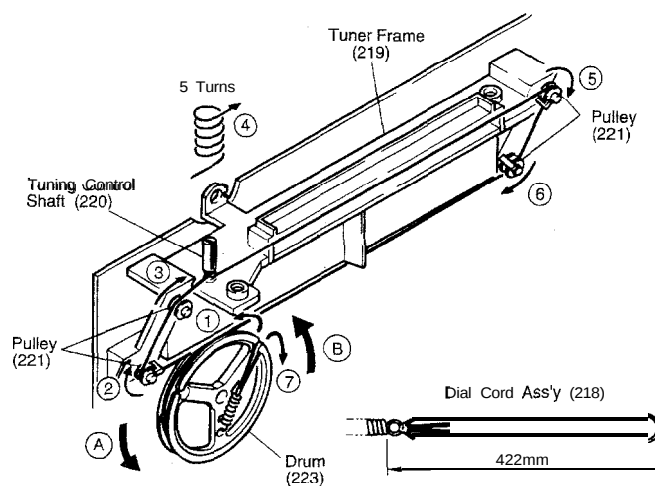


Figure 2-2

NAMES OF PARTS

● CD display section

1. Play indicator: ►
2. Track Number Indicator
3. Random Indicator
4. Minutes and Seconds Indicator
5. Memory Indicator: M
6. Pause Indicator: ||
7. Programme Indicator: P
8. Repeat indicator: ◁

● CD section

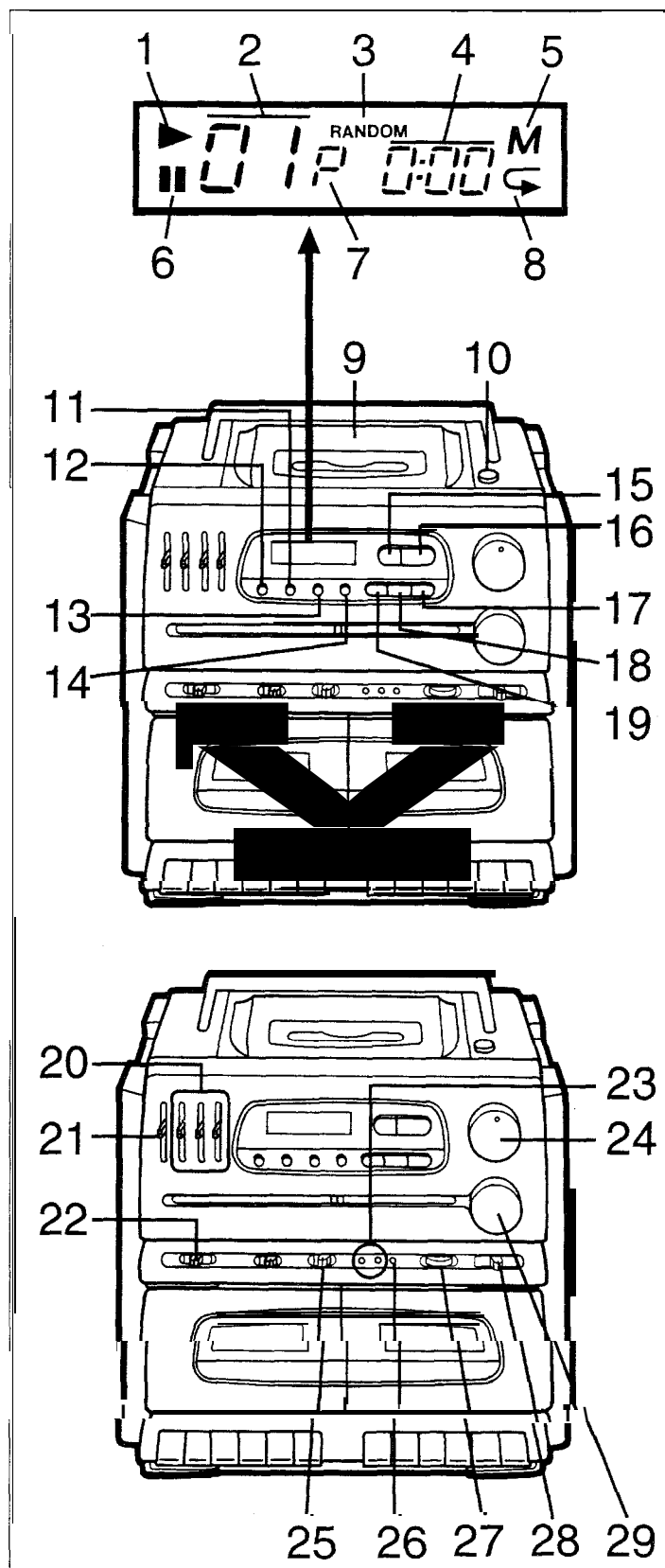
9. CD Compartment
10. CD Eject Button: ▲
11. Clear Button
12. Random Button
13. Call Button
14. Memory Button
15. Stop Button: ■
16. Play/Repeat Button: ►◁
17. Track Up/Cue Button: ►►/►►
18. Track Down/Review Button: ◀◀/◀◀
19. Pause Button: ||

● Amplifier section

20. Graphic Equalizer Controls
21. Extra Bass Control: X-BASS
22. Power/Function Switch
23. Power/TAPE 1 Direction Indicators
24. Volume Control

● Tuner section

25. FM Mode/Tape Selector Switch
26. FM Stereo Indicator
27. Fine Tuning Control
28. Band Selector Switch
29. Tuning Control



● Tape section

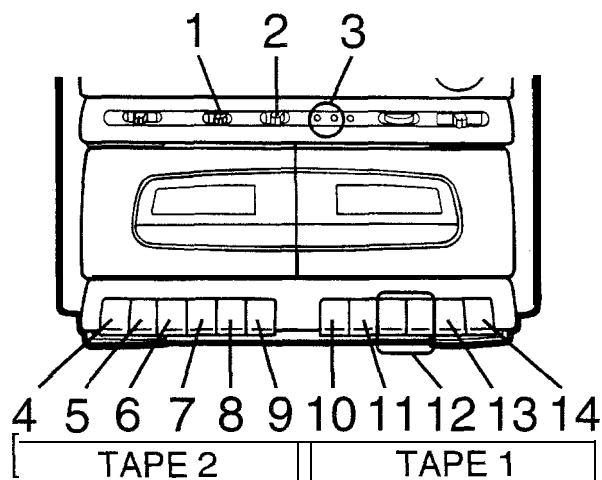
1. Dubbing Speed Switch
2. FM Mode/Tape Selector Switch
3. Power/TAPE 1 Direction Indicators

TAPE 2

4. Record Button: ●
5. Play Button: ►
6. Rewind Button: ◀◀
7. Fast Forward Button: ▶▶
8. Stop/Eject Button: ■ /A
9. Pause Button: ||

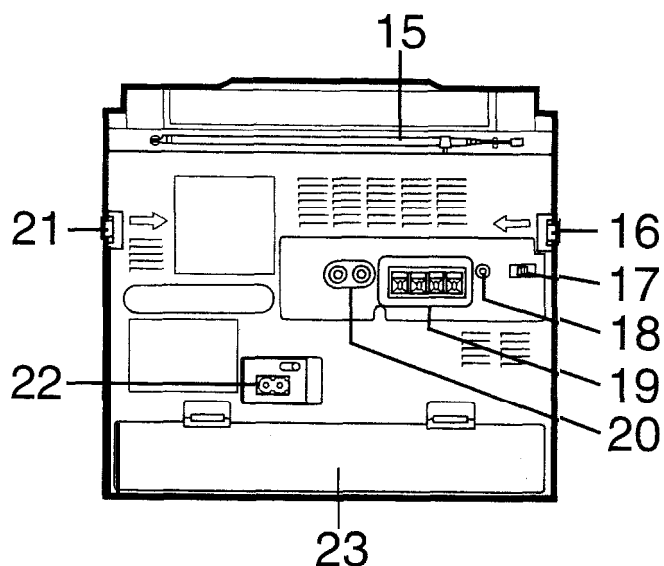
TAPE 1

10. Reverse Mode Switch: ■ ◀/▶
11. Play Button: ◀◀
12. Fast Wind Buttons: ◀◀/▶▶
13. Stop/Eject Button: ■ /▲
14. Direction Switch: ◀▶



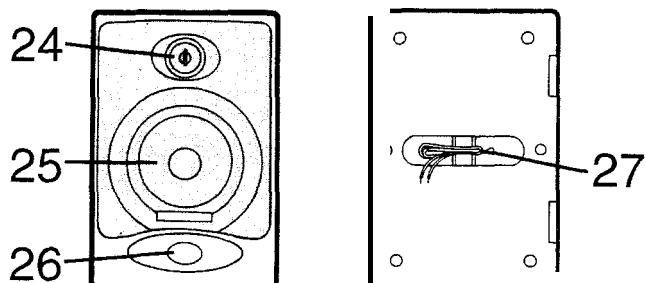
● Rear panel

15. FM/SW Telescopic Rod Aerial
16. Speaker Release Lever
17. Beat Cancel Switch
18. Headphones Socket
19. Speaker Terminals
20. CD Output Sockets
21. Speaker Release Lever
22. AC Power Input Socket
23. Battery Compartment



● Speaker section

24. Tweeter
25. Woofer
26. Bass Reflex Port
27. Speaker Wire



DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep its safety and excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit and remove the batteries from the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

STEP	REMOVAL	PROCEDURE	FIGURE
MAIN UNIT			
1	Rear Cabinet	1. Screw (A1)x7 2. Socket..... (A2)x1	5-1
2	Top Cabinet	1. Screw..... (B1)x4 2. Tip..... (B2)x1 3. Socket / Flat Wire..... (B3)x2	5-2
3	Main PWB (with Tuner Frame)	1. Screw..... (C1)x2 2. Knob (C2)x1 3. Spring (C3)x1 4. Socket..... (C4)x4 5. Flat Wire..... (C5)x1	5-3 6-1 5-1 5-1,3 5-1
4	Tape Mechanism	1. Open the cassette Holder 2. Screw..... (D1)x1 3. Washer..... (D2)x1 4. Lever..... (D3)x1 5. Screw..... (D4)x7	— 5-3
5	Volume PWB	1. Knob (E1)x1 2. Nut..... (E2)x1 3. Washer (E3)x1	6-1
6	Graphic EQ. PWB	1. Screw (F1)x2	6-2
7	/LCD PWB	1. Flat Wire (G1)x1 2. Screw..... (G2)x4	6-3
8	Switch PWB	1. Screw..... (H1)x1 2. Hook (H2)x1	6-3
9	CD Servo PWB	1. Flexible PWB (J1)x1 2. Screw (J2)x4 3. Socket..... (J3)x1	6-3
10	CD Mechanism	1. Screw..... (K1)x3	6-3
SPEAKER			
11	Front Cabinet	1. Screw..... (L1)x6	6-4

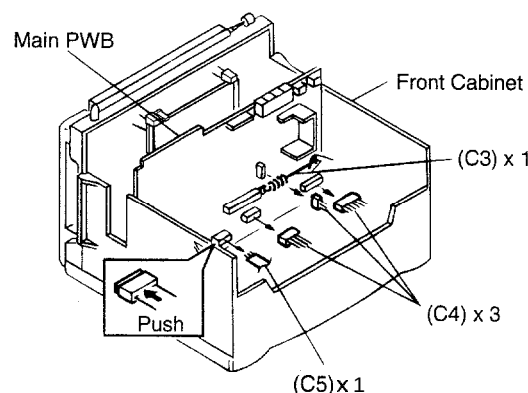
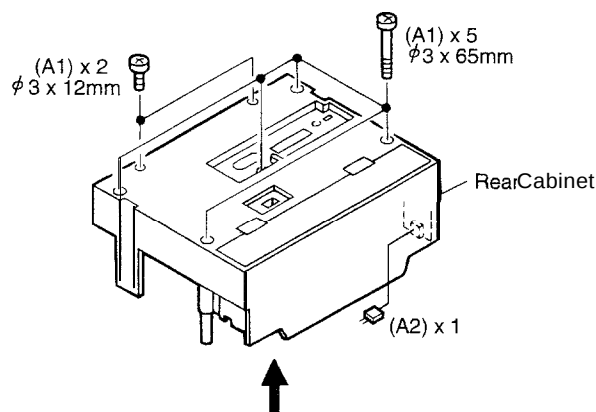


Figure 5-1

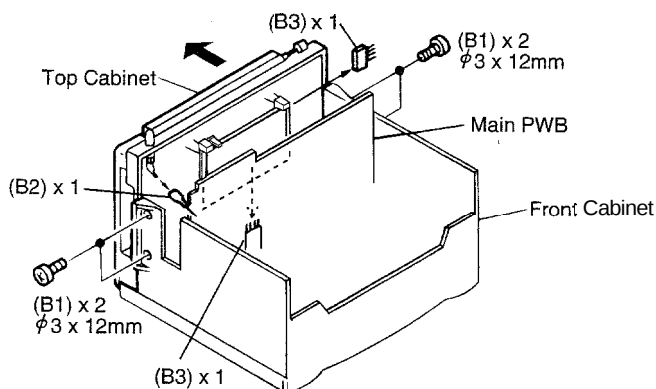


Figure 5-2

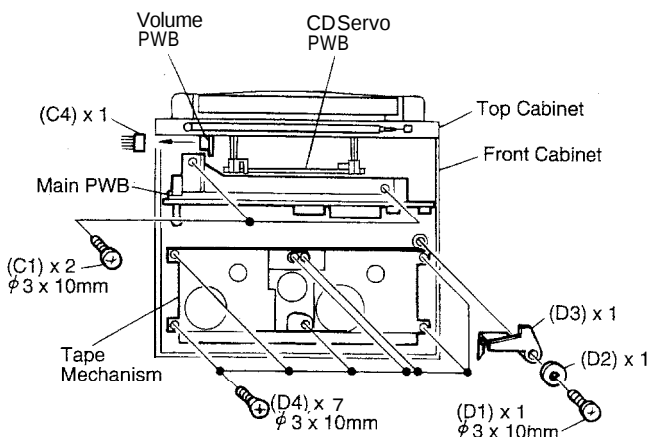


Figure 5-3

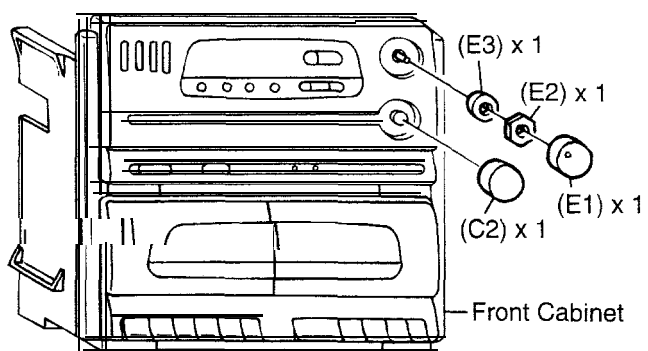


Figure 6-1

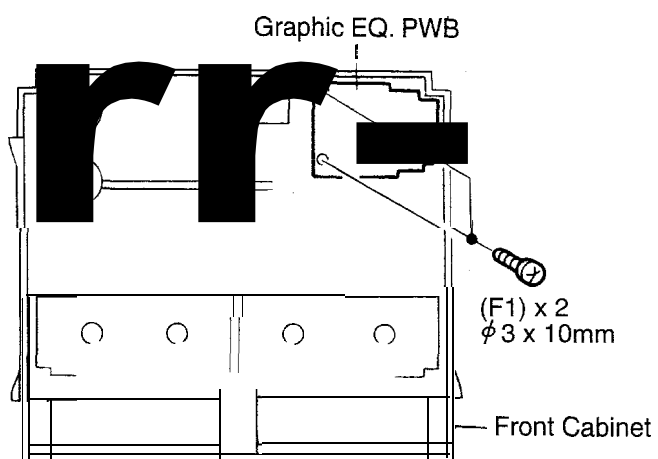


Figure 6-2

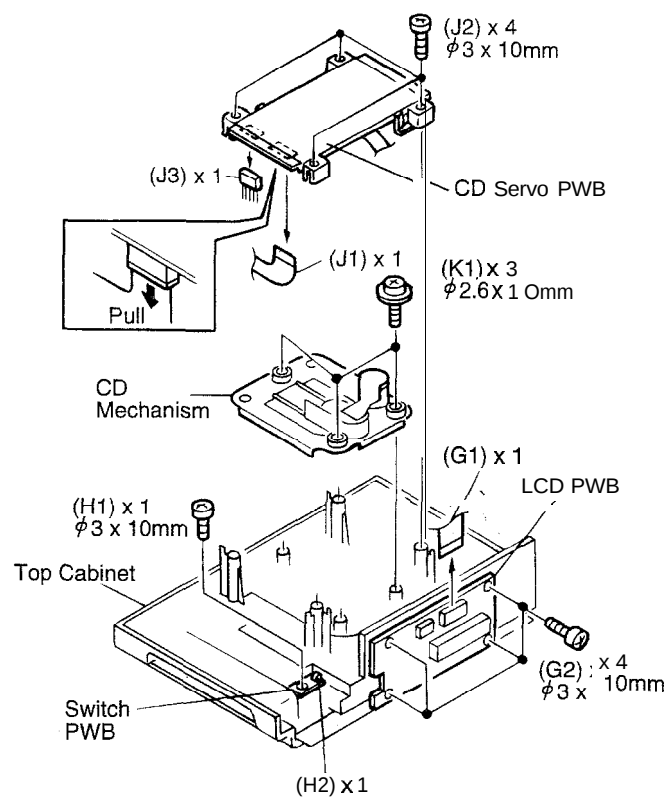


Figure 6-3

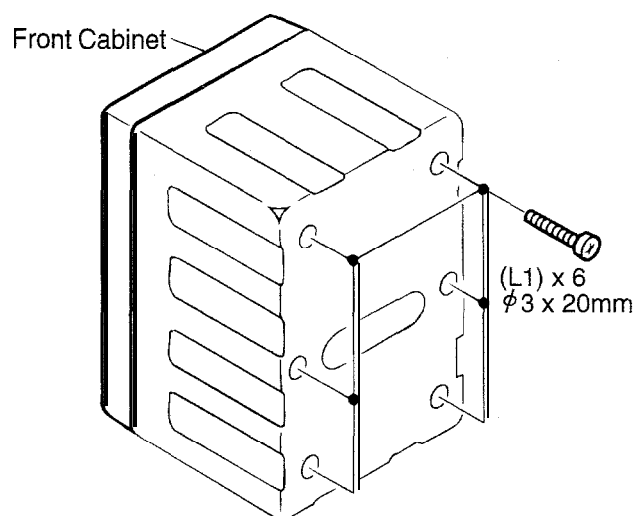


Figure 6-4

REMOVING AND REINSTALLING THE MAIN PARTS

TAPE MECHANISM SECTION

Perform steps 1,2,3 and 4 of the disassembly method to remove the tape mechanism.

How to remove the record/playback and erase heads(TAPE2) (See Fig. 7-1.)

1. Remove the 2 screws (A1) to remove the button frame.
2. Remove the 2 screws (A2) to remove the record/playback head.
3. Remove the 2 screws (A3) to remove the erase head.

Note:

After replacing the heads and performing the azimuth adjustment, be sure to apply screwlock.

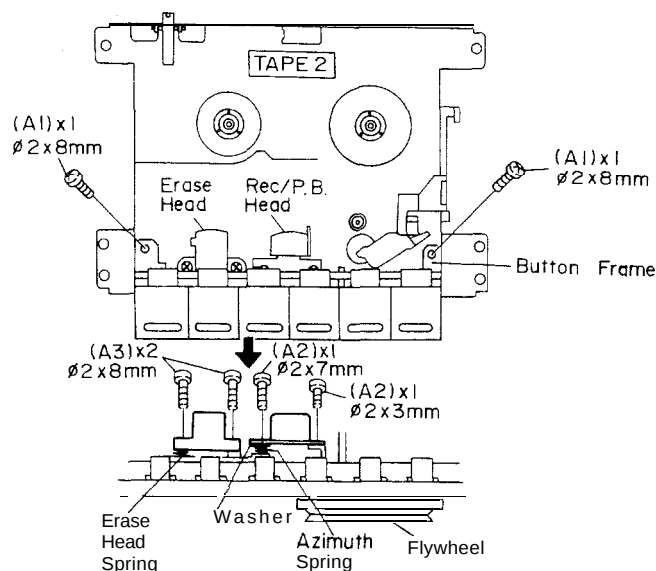


Figure 7-1

How to remove the playback head(TAPE1) (See Fig. 7-2.)

1. Remove the 2 screws (B1) to remove the button frame.
2. Remove the 2 screws (B2) to remove the playback head.

Note:

1. The playback head of this mechanism is supplied as finished product with flexible PWB. Before removing the flexible PWB, remove the solder on the switch.
2. After replacing the head and performing the azimuth adjustment, be sure to apply screwlock.

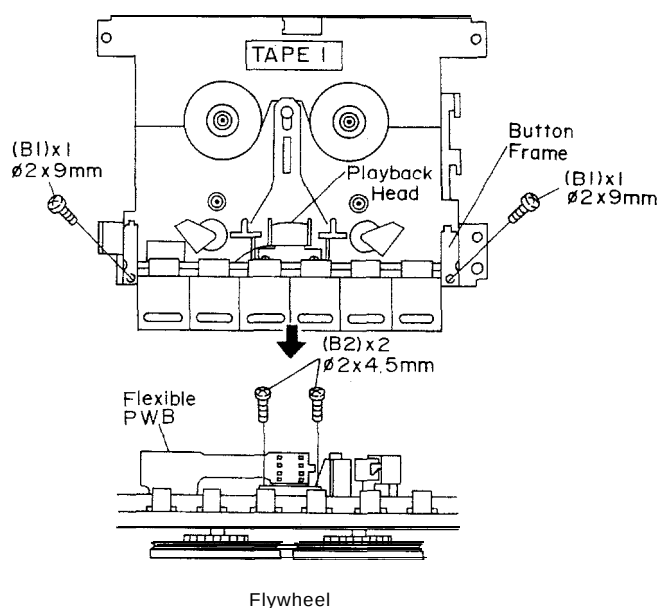


Figure 7-2

How to remove the pinch roller(TAPE 2) (See Fig. 7-3.)

1. Carefully bend the pinch roller hook in the direction of (A), and remove the pinch roller (C1) upwards.

How to remove the pinch roller(TAPE1) (See Fig. 7-3.)

1. Remove the stop washer(D1) with a small precision screwdriver and extract the pinch roller.
2. To remove the left pinch roller, use the same procedure.

Note:

If the stop washer is deformed or damaged, replace it with a new one.

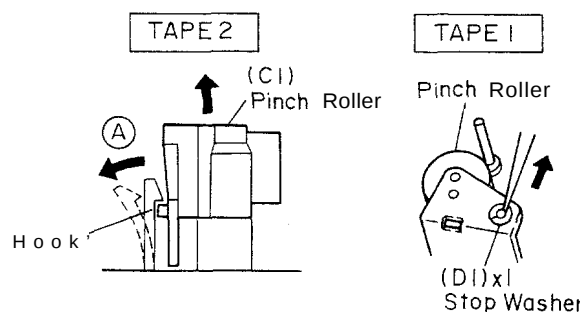


Figure 7-3

ADJUSTMENT

As for adjusting method refer to the relevant explanation in Service Manual "ADJUSTMENT PROCEDURES OF AUDIO PRODUCTS".

MECHANISM SECTION

• Driving Force Check

Torque Meter	Specified Value
Play: TW-2412	Over 50 g
Reverse play: TW-2422	Over 60 g

• Torque Check

Torque Meter	Specified Value	
	Tape1	Tape2
Play: TW-2111	30 to 60 g.cm	30 to 60 g.cm
Fast forward: TW-2231	55 to 120 g.cm	55 to 120 g.cm
Rewind: TW-2231	55 to 120 g.cm	55 to 120 g.cm

• Head Azimuth

Test Tape	Instrument Connection
MTT-114	Headphones Jack (Load resistance: 32 ohms)

• Tape Speed

Test Tape	Adjusting Point	Specified Value	instrument Connection
MTT-111	VR401	3,000 ± 90Hz	Headphones Jack (Load resistance: 32 ohms)

TAPE SECTION

Position of each switch or control	
Volume	Max
Beat cancel switch	A
Graphic equalizer/X-Bass	Center
Dubbing speed	Normal
Function	Tape

• Bias Oscillation Check

	Specified Value
Beat cancel	A: 80 ± 4 kHz B: +4 ± 1 kHz for A C: +6 ± 1 kHz for A

• Erase Current Check

	Specified Value
Resistor for measurement: 1 ohm	80 ± 25 mV

• Playback Amplifier Sensitivity Check

Test Tape	Specified Value	Instrument Connection
MTT-118	1.0 V ± 3 dB	Speaker Terminal (Load resistance: 3 ohms)

CD MECHANISM SECTION

Perform steps 1,2,8,9, and 10 of the disassembly method to remove the CD mechanism.

Removing the optical pickup(See Fig. 9-1.)

1. Remove 4 pawls (A1) and remove cover (A2).
2. Remove 4 screws (A3) and remove 2 shafts (A4).

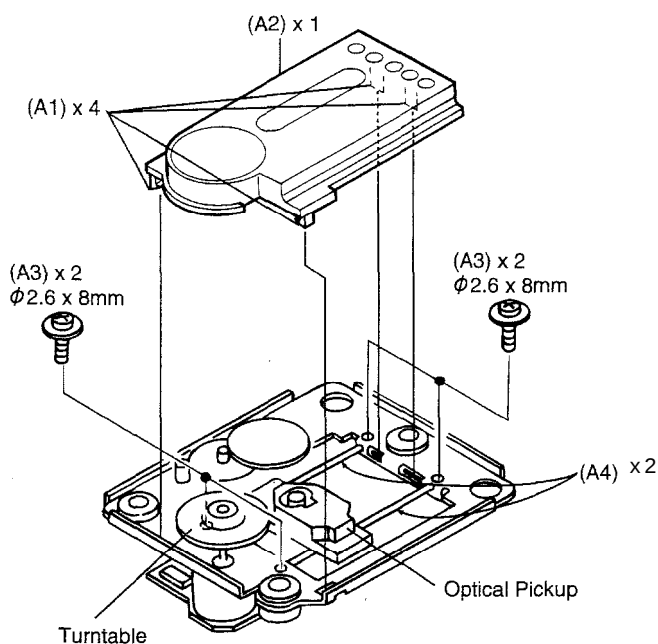


Figure 9-1

VOLTAGE SELECTION

Before operating the unit on mains, check the preset voltage. If the voltage is different from your local voltage, adjust the voltage as follows: Slide the AC power supply socket cover by slightly loosening the screw to the visible indication of the side of your local voltage.

How to remove the belt

(See Fig. 8-1.)

1. Remove the tape 2 main belt (E1) from the motor side.
2. Remove the FF/REW belt(E2).
3. Remove the tape 1 main belt (F1) from the motor side.

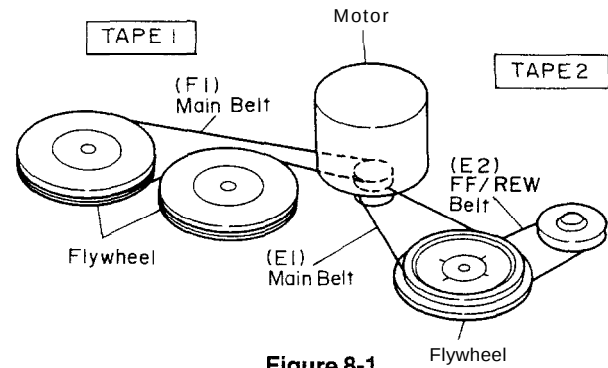


Figure 8-1

How to remove the flywheel (TAPE2)

(See Fig. 8-2.)

1. Remove the screw with collar (G1) to remove the pause kick lever.
2. Remove the washer (G2) upwards.
3. Remove the stop washer (G3) with a small precision screwdriver to extract the flywheel from the capstan metal.

Note:

If the stop washer is deformed or damaged, replace it with a new one.

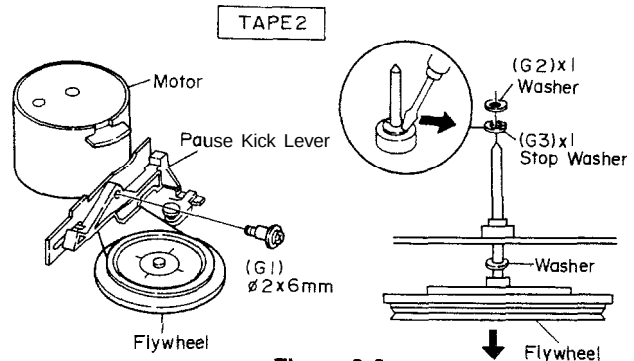


Figure 8-2

How to remove the flywheel (TAPE1)

(See Fig. 8-3.)

1. Remove the washer (H1) upwards.
2. Remove the stop washer (H2) with a small precision screwdriver to extract the flywheel from the capstan metal.
3. Remove the washer (H3) upwards.

Note:

If the stop washer is deformed or damaged, replace it with a new one.

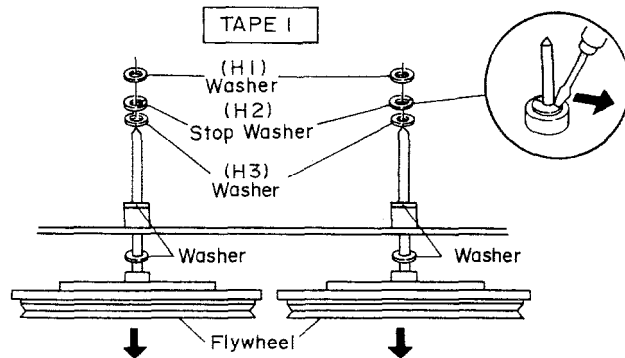


Figure 8-3

How to remove the motor

(See Fig. 8-4.)

1. Remove the 2 screw (J1) to remove the tape 2 mechanism.
2. Remove the 3 screws (J2) to remove the motor.

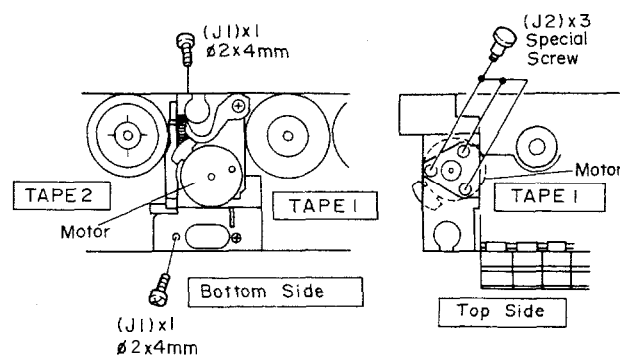


Figure 8-4

TUNER SECTION

fL: Low-range frequency
fH: High-range frequency

- FM IF/RF

Test Stage	Specified Value/Adjusting Point	Instrument Connection
IF	T1	Input: Antenna Output: Pin 9 of IC2
Detection	T2	
Band Coverage	fL: L2 fH: TC2	
Tracking	88.0 MHz: L1 108.0 MHz: TC1	

- **VCO Frequency**

Adjusting Point	Specified Value	Instrument Connection
VR1	38 kHz $\pm$ 100 Hz	Pin 6 of IC3

Note: Add a resistor(10 kohm) between pin 7 of IC3 and ground, and adjust in stereo state.

- **AM IF/RF**

Test Stage	Specified Value/Adjusting Point	instrument Connection
IF	T3	Input: Antenna Output: Pin 5 of IC2
MW Band Coverage	fL: L5 fH: TC4	Input: Antenna Output: Pin 9 of IC2
MW Tracking	600 kHz: L3(MW) 1,400 kHz: TC7	
SW1 Band Coverage	fL: L6 fH: TC6	
SW1 Tracking	2.6 MHz: L3(SW1) 6.0 MHz: TC3	
SW2 Band Coverage	fL: L7 fH: TC8	
SW2 Tracking	8.5 MHz: L4 19 MHz: TC5	

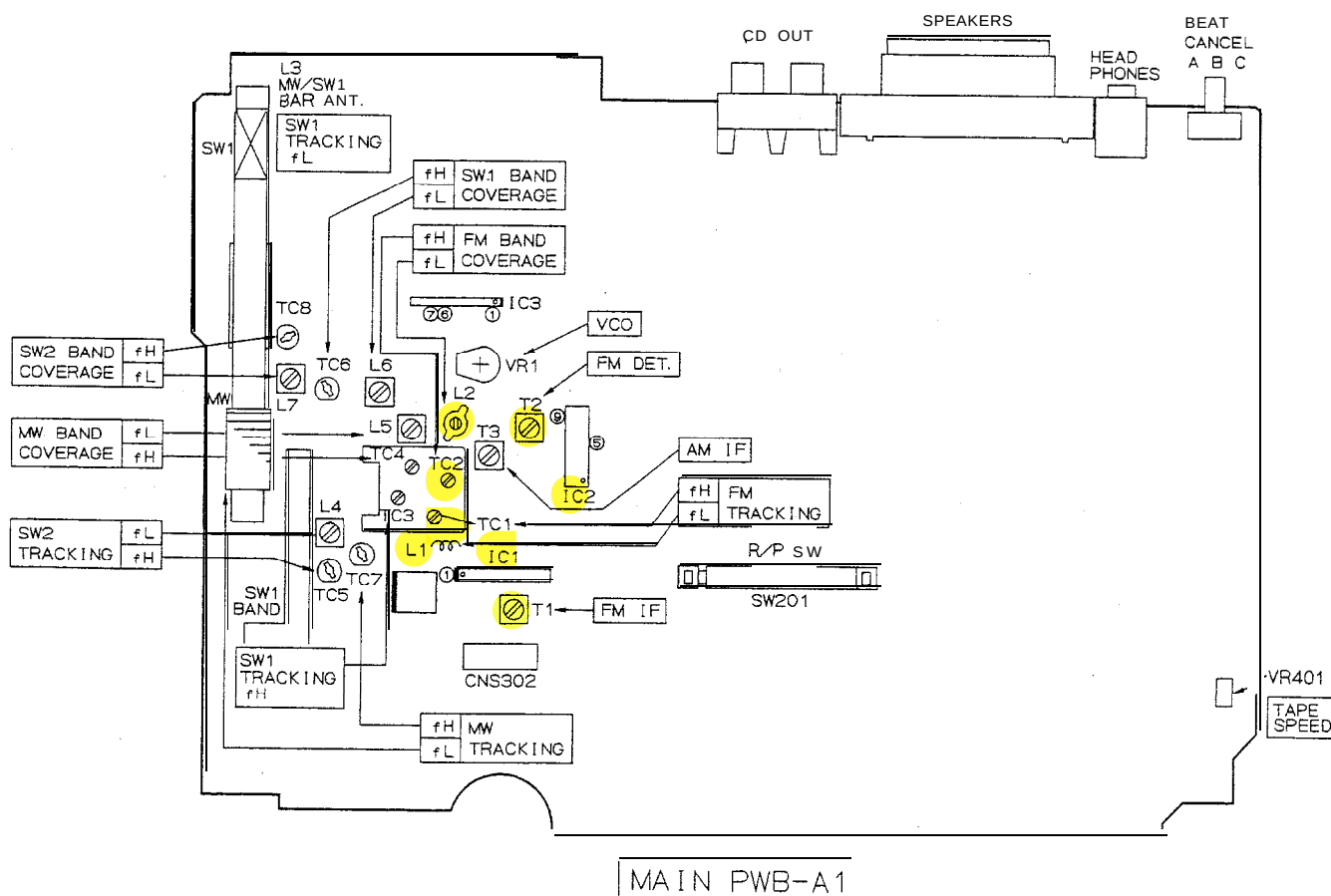
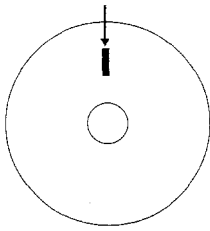


Figure 11 ADJUSTMENT POINTS

GX-CD555Z

Stick black tape on the disc
(1.2 ~ 1.5 mm wide)



A disc other than the test disc
can be used. Do not put the black
tape on the initialized section
(TOC).

Figure 14-1

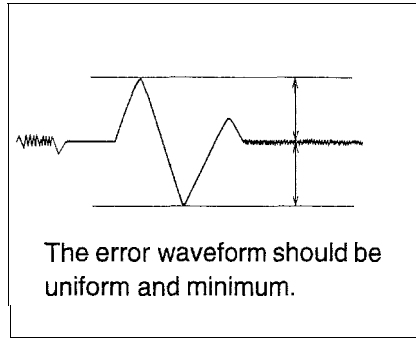


Figure 14-2

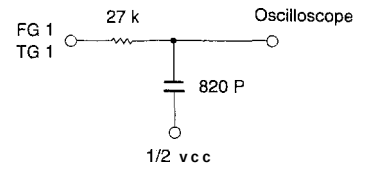


Figure 14-3

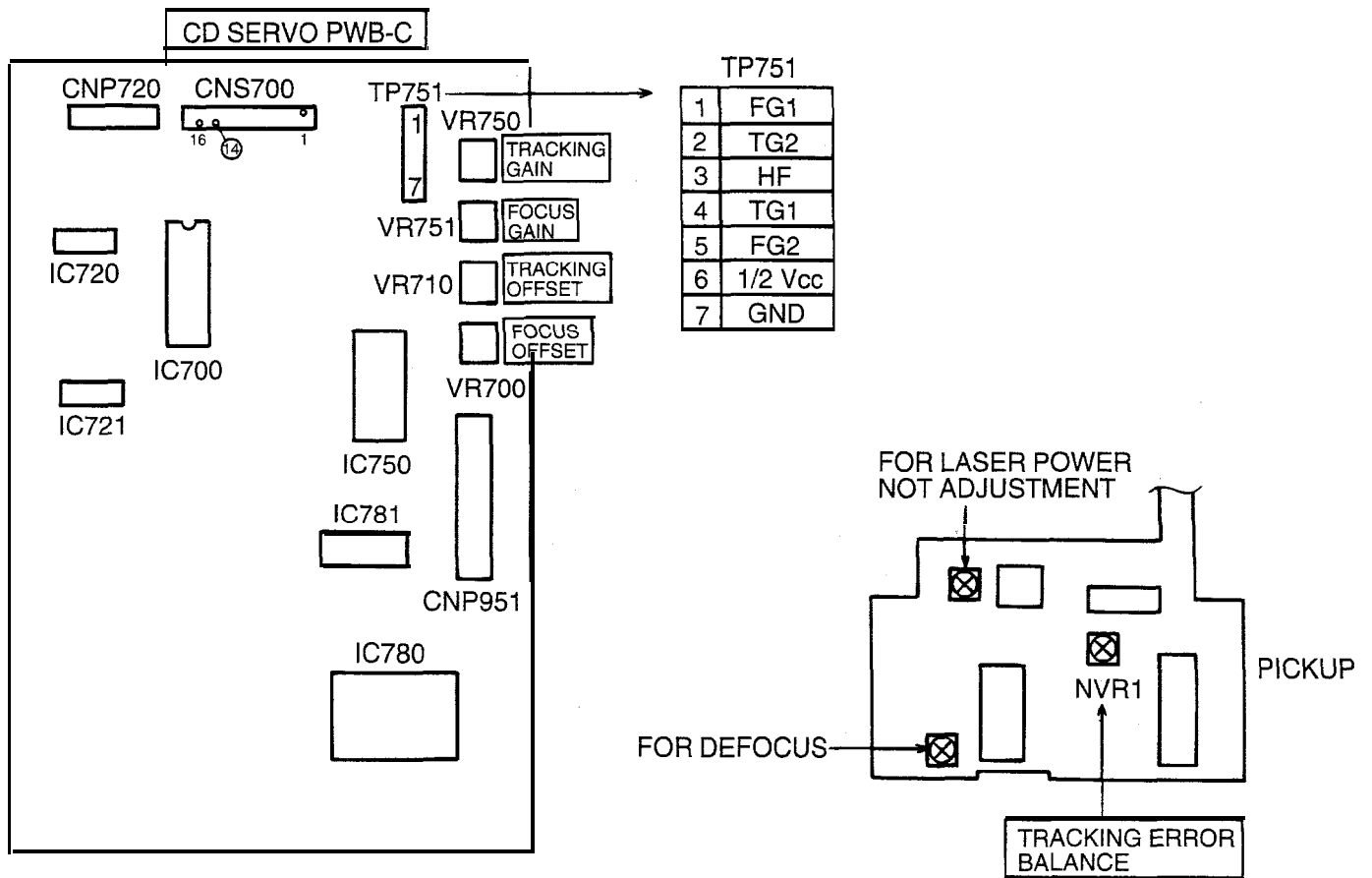


Figure 14-4 ADJUSTMENT POINTS

Servo Unit

Since the adjusting procedure differs from that described in "ADJUSTMENT PROCEDURES OF AUDIOPRODUCTS[II]", refer to the Service Manual.

All the semivariable resistors must be set in the mechanical center position.

Test Stage	Adjusting Parts	Value/Adjusting Method	Instrument Connection
Set TEST MODE 0, and move the pickup to the center			
Set Test MODE 1 (make sure that the laser lamp lights)			
Alter loading a disc, set to TEST MODE 2. (Check to see that focus servo is ON.: The disc does not rotate, and a whining sound is heard.)			
Set TEST MODE 3 (Spin servo is turned on, and the disc rotates)			
Tracking error balance adj.	NVR1	*1 (See Fig. 1 I-i)	Pin 6 (1/2Vcc) and pin 4 (TG1) of TP751
Set TEST MODE 4 (Tracking servo is turned on.)			
Check the HF signal waveform	—	Amplitude of 1.5–2.0 Vp-p (See Fig. 1 I-2.)	Pin 3 (HF) and pin 7 (GND) of TP751
Focus gain adj.	VR751	Adjust to obtain the same waveform on CH1 and CH2. *2	Pin 1 (FG1) and pin 5 (FG2) of TP751 and ground (The relay circuit is used.)
Tracking gain adj.	VR750	Adjust to obtain the same waveform on CH1 and CH2. ● 3	Pin 4 (TG1) and pin 2 (TG2) of TP751 and ground (The relay circuit is used.)
Check again the HF signal waveform.			
Set TEST MODE 5, and make sure that track No. and time are displayed.			
Stick black tape on the disc, and play that section (Fig. 12–1). (Any mode other than the test mode is acceptable.)			
Focus offset adj.	VR700	*4 (Fig. 12-2)	Pin 6 (1/2Vcc) and pin 1 (FG1) of TP751 *5
Tracking offset adj.	VR710	*6	Pin 6 (1/2Vcc) and pin 4 (TG1) of TP751 *7

* 1 Adjust to obtain vertically symmetrical waveform (Fig. 1 I-i) with respect to reference DC level. The reference level is 1/2Vcc. (Amplitude of 0.5 to 1.5 Vpp)

* 2 Input oscillation frequency: 1.3 kHz, 100 mV rms

* 3 Input oscillation frequency: 1.5 kHz, 300 mV rms

* 4 Watch the monitor. Adjust so that the error waveform is uniform and minimum (Fig. 12-2) and the audio output is played properly without noise (track jump noise) and free from skips and pauses.

* 5 The appropriate measuring range of the oscilloscope is 50mV and 0.5mS.

Connect the trigger to pin 14 (HFOK) of CNS700.

Trigger the coupling at DC and (—) slope. Observe the waveform in the normal trigger mode.

* 6 Watch the monitor. Adjust so that the error waveform is uniform and minimum (Fig. 12-2) and the audio output is played properly without noise (track jump noise).

* 7 The appropriate measuring range of the oscilloscope is 0.1V and 0.5mS. The trigger is the same as *5.

(Reference) When the noise element of the error waveform is large and unclear, observe the waveform through the low-pass filter (Fig. 12-3).

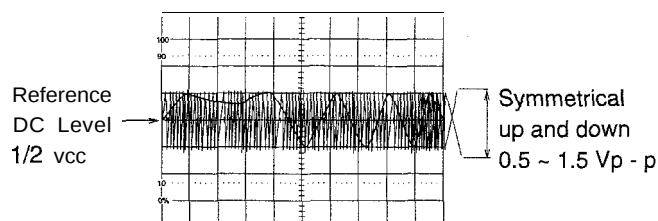


Figure 11-1

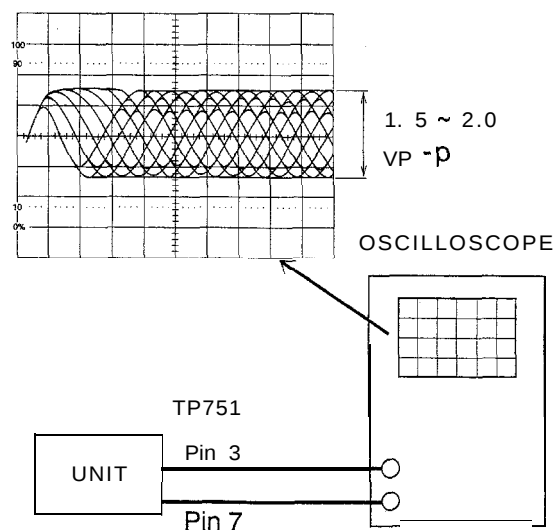


Figure 11-2

CD SECTION

As for preparation for adjustment, adjustment method and optical pickup replacement method refer to the Service Manual "ADJUSTMENT PROCEDURES OF AUDIO PRODUCTS [II]".

1. Preparation for Adjustment

Be sure to refer to the Service Manual "ADJUSTMENT PROCEDURES OF AUDIO PRODUCTS [II]".

Setting the Test Mode

Test Mode	Setting Method	Remarks	Display
TEST MODE 0	Pressing simultaneously the "CLEAR" and "CALL" buttons, set the function switch to "CD".	All the segments light for 1.5 seconds and then the Test Mode 0 indication appears.	00 7E57
TEST MODE 1	In TEST MODE 0 press once the PLAY button. (1st)	Laser lights.	01 7E57
TEST MODE 2	In TEST MODE 1 press once the PLAY button. (2nd)	Focus start (Servo ON)	02 7E57
TEST MODE 3	In TEST MODE 2 press once the PLAY button. (3rd)	Disc rotates. (Spin servo ON) (Use the disc.)	03 7E57
TEST MODE 4	In TEST MODE 3 press once the PLAY button. (4th)	Tracking servo ON (Use the disc.)	04 7E57
TEST MODE 5	In TEST MODE 4 press once the PLAY button. (5th)	Track No. and time are indicated. (Use the disc.)	11 1:38

After TEST MODE 5 the PLAY button is inoperative. Even when it is pressed (6th time), key entry is not accepted.

*Unless the CD lid switch SW961 is turned on, the test mode is not set.

Button Operation in Test Mode

- When the STOP button is pressed, all operations stop. At this time the optical pickup does not slide, and TEST MODE 0 is displayed.
- While the UP/CUE(DOWN/REVIEW) button is pressed, the optical head moves from inside to outside or from the outside to the inside.
 - Operation is possible both during playing and stopping.
 - While this operation is executed, the TEST MODE indication does not change.

After the optical pickup is slid from the outside to the inside and the optical pickup switch is turned on, the slide stops. (At the same time TEST MODE 0 is set.)

Notes

- Any buttons other than those specified above are invalid.
- Before operation be sure to connect all the connectors.

NOTES ON SCHEMATIC DIAGRAM

• Resistor:

To differentiate the units of resistors, such symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is ohm-type resistor. Besides, the one with "Fusible" is a fuse type.

• Capacitor:

To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used. (CH), (TH), (RH), (UJ): Temperature compensation (ML): Mylar type (P.P.): Polypropylene type

- The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.

1. Tuner

(): AM mode

Marking except for (): FM mode

2. CD

(): Play mode

Marking except for (): Stop state

3. Audio

(): Record mode

Marking except for (): play mode

- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.

- Parts marked with "▲" () are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	BAND	FM
SW201	R/P SELECTOR	PLAY
SW202	DUBBING SPEED	NORMAL
SW203	TAPE SELECTOR/FM MODE	NORMAL/ FM MONO
SW251	BEAT CANCEL	A
SW401	TAPE 1 MAIN	OFF
SW402	TAPE 2 MAIN	OFF
SW403	TAPE 1 DIRECTION	A
SW404	TAPE 2 STOP	ON
SW405	TAPE 1 PLAY	OFF
SW651	POWER/FUNCTION	ON/CD

REF. NO	DESCRIPTION	POSITION
SW702	PICKUP IN	ON
SW951	PLAY/REPEAT	OFF
SW952	STOP	OFF
SW953	UP/CUE ►►	OFF
SW954	DOWN/REVIEW ◄◄	OFF
SW955	PAUSE	OFF
SW956	MEMORY	OFF
SW957	CLEAR	OFF
SW958	CALL	OFF
SW959	RANDOM	OFF
SW961	CD LID	OFF

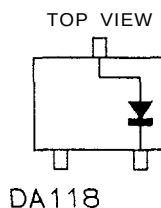
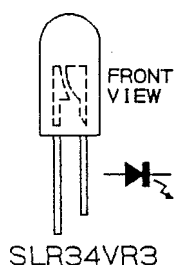
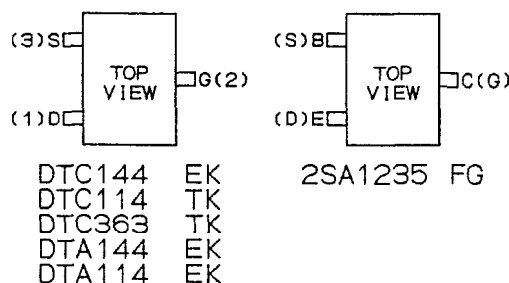
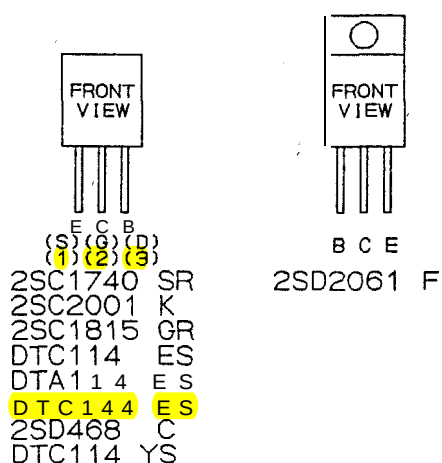
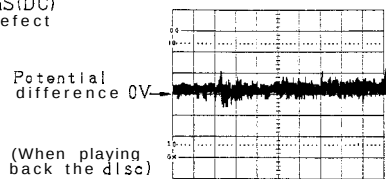


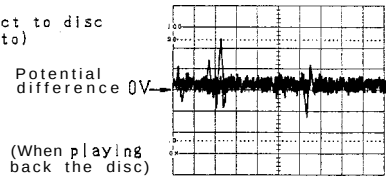
Figure 15 TYPES OF TRANSISTOR AND LED

Waveforms of CD circuit

- ① 2V/1mS(DC)
*No defect

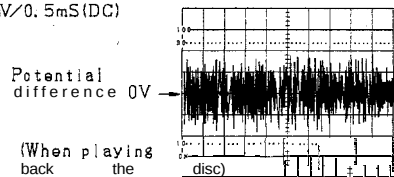


- *Defect to disc
(ditto)

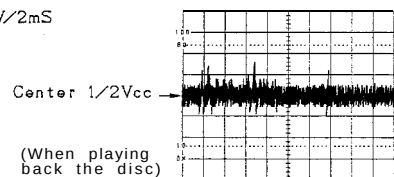


If defect exists, pulse-like noise as shown above appears.
(Similar noise is found also in ② output and TE, FE signals.)

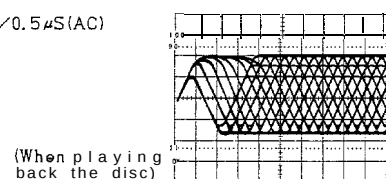
- ② 0.2mV/0.5mS(DC)



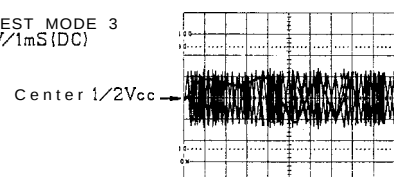
- ③ 20mV/2mS



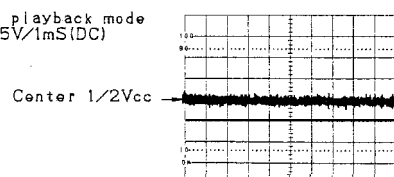
- ④ 0.5V/0.5μS(AC)



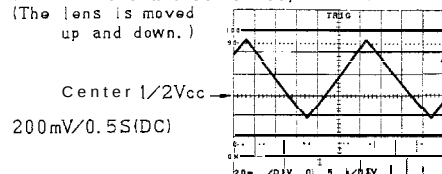
- ⑤ In TEST MODE 3
0.5V/1mS(DC)



- In playback mode
0.5V/1mS(DC)

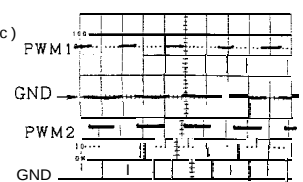


- ⑥ In TEST MODE 2
(State where a disc is not placed.)
(The lens is moved up and down.)

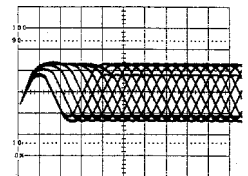


*The storage oscilloscope was used for measurement. (On the ordinary oscilloscope the bright point appears as triangular wave as shown above.)

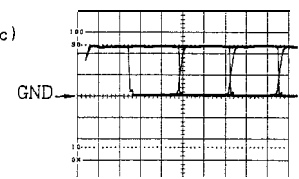
- ⑦ Spin motor PWM output
(When playing back the disc)
0.2V/10μS(DC)
Use 10:1 probe to connect



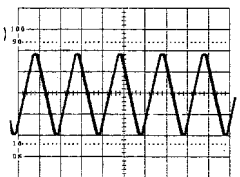
- ⑧ 50mV/0.5μS(AC)
(When playing back the disc)
Use 10:1 probe to connect



- ⑨ 2V/0.1μS(DC)
(When playing back the disc)



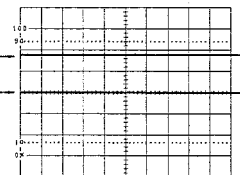
- ⑩ 1kHz 0dB
(When playing back the test disc)
1V/0.5mS(AC)



- ⑪ 2Vdiv(DC)

FOCUS ON in playback mode and test mode: 3.6V

In stop mode: 0V

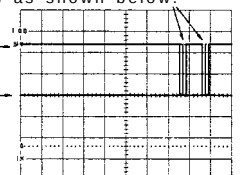


- ⑫ 2Vdiv(DC)

If defect exists on the disc and in track search mode the pulse-like "L" level appears as shown below.

In playback mode: 4.8V

In stop mode: 0V



If the disc rotates and the HF signal is tuned with the internal signal of IC, "H" level appears.

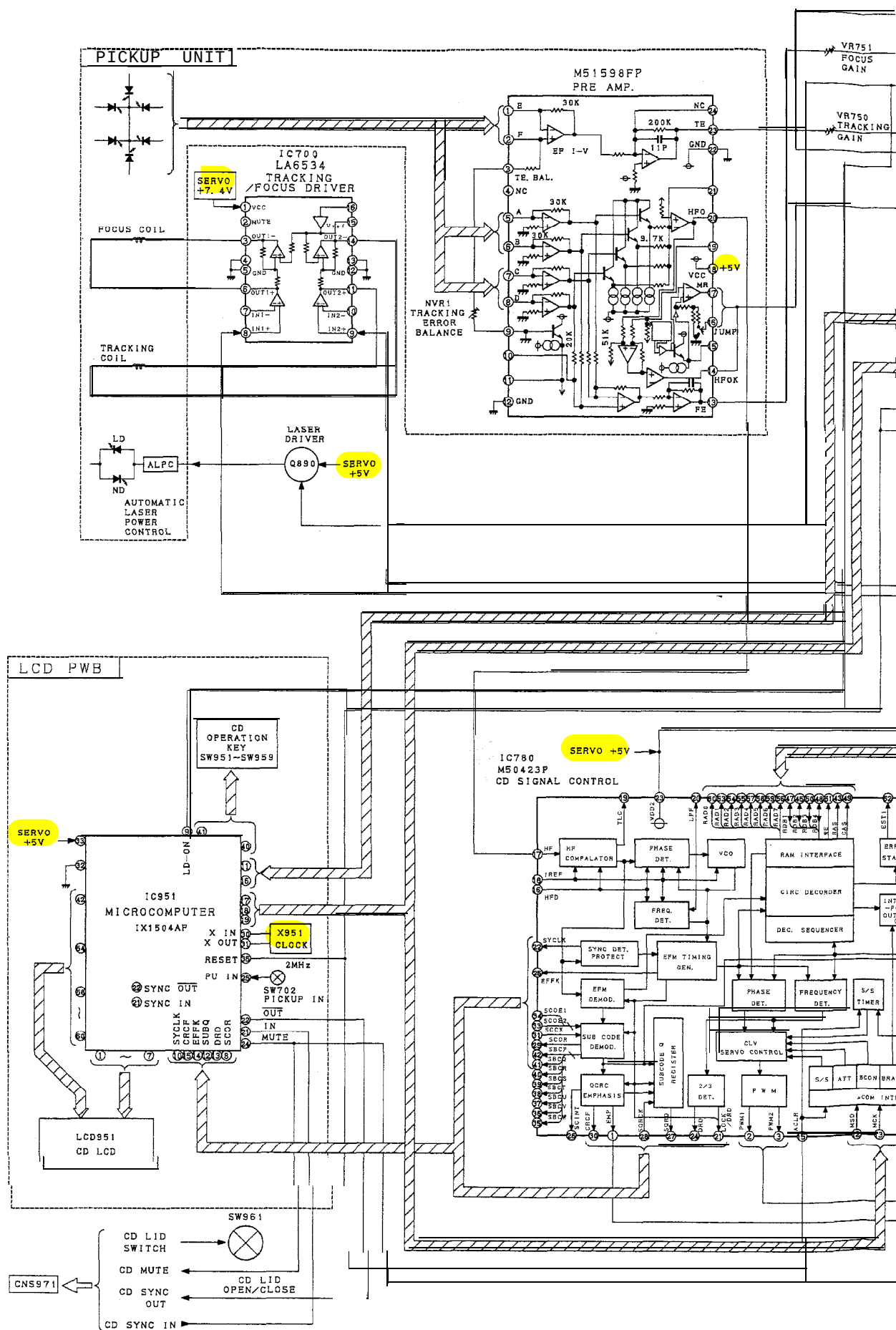
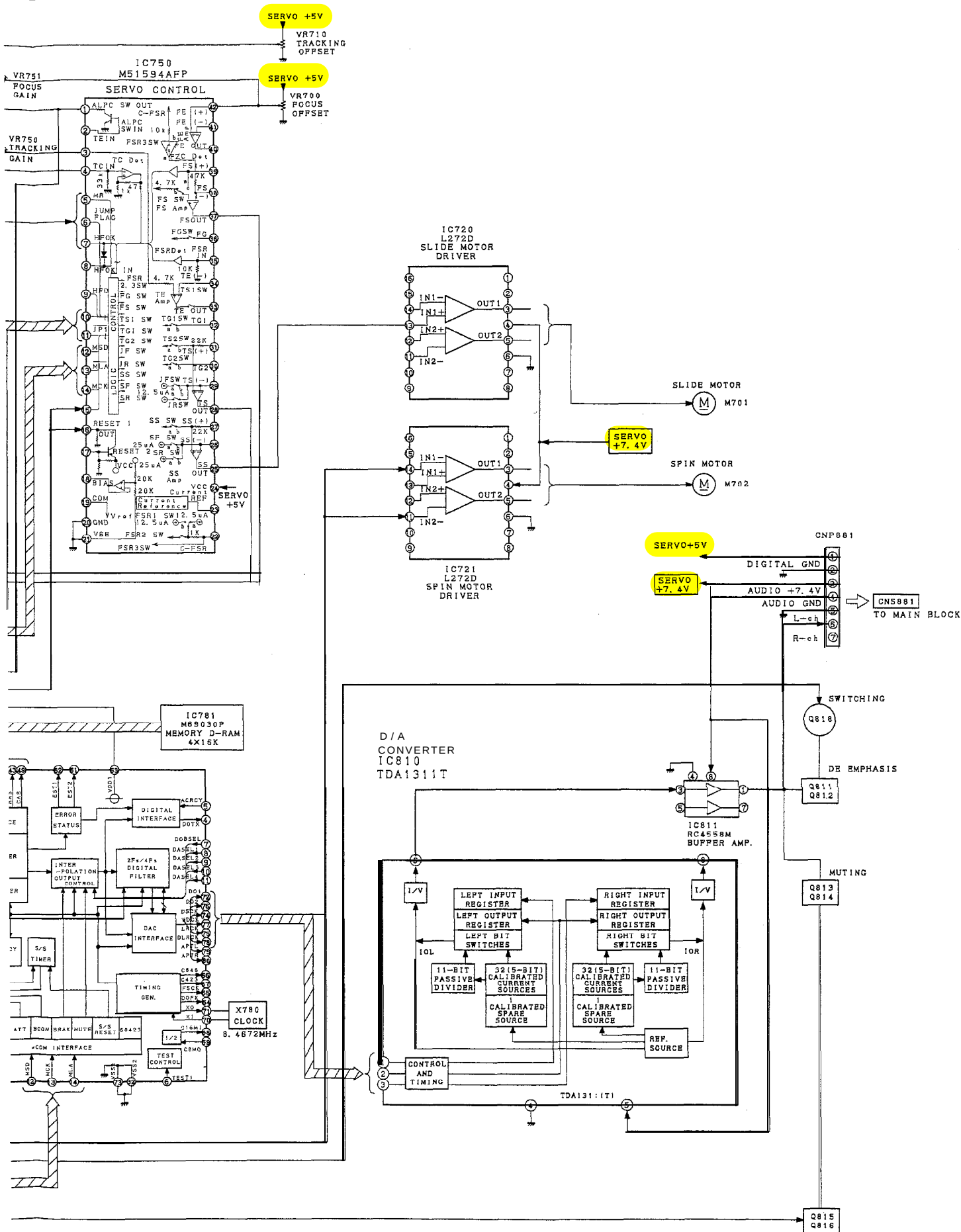


Figure 17 BLOCK D

GX-CD555Z



BLOCK DIAGRAM (1/2)

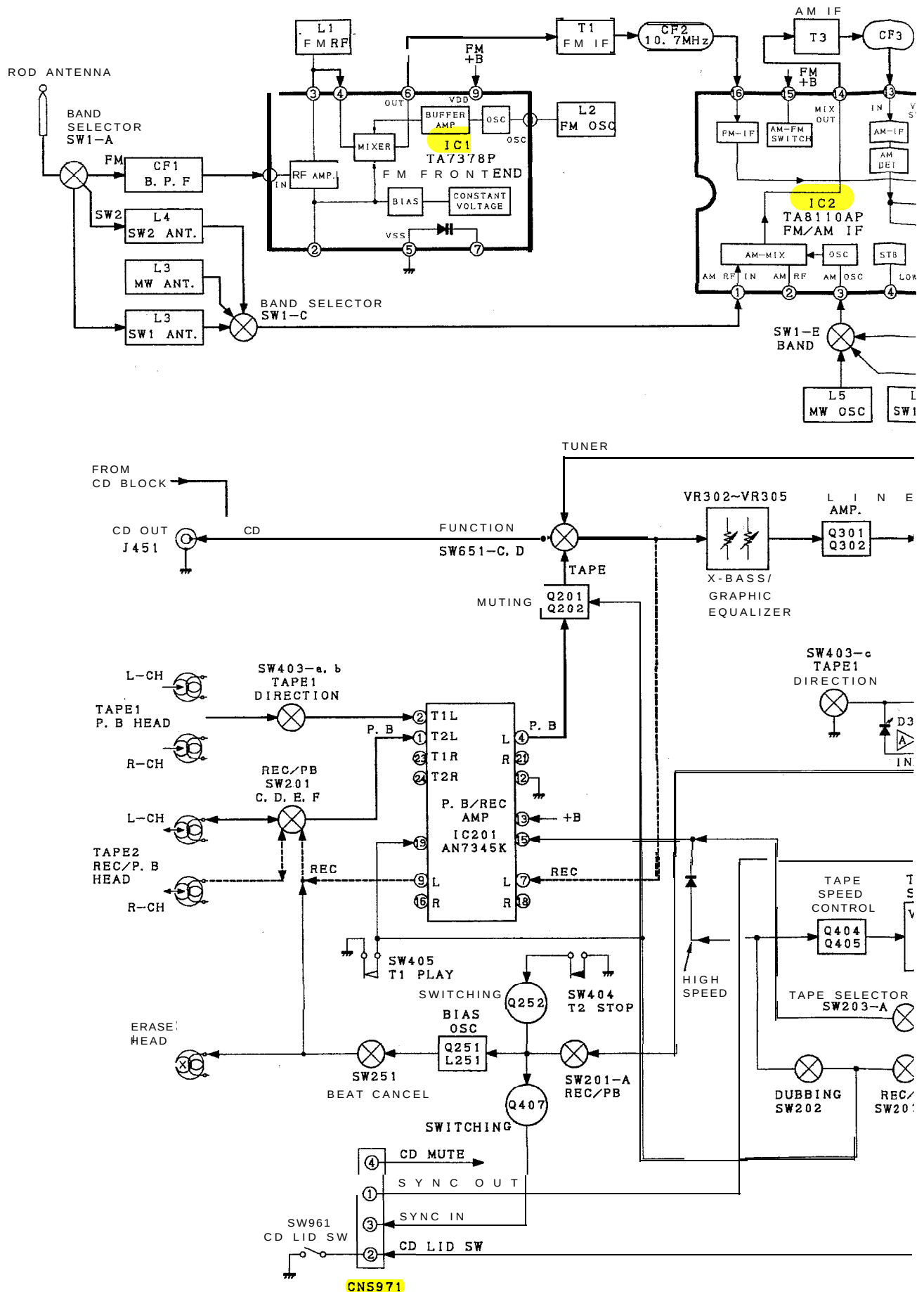
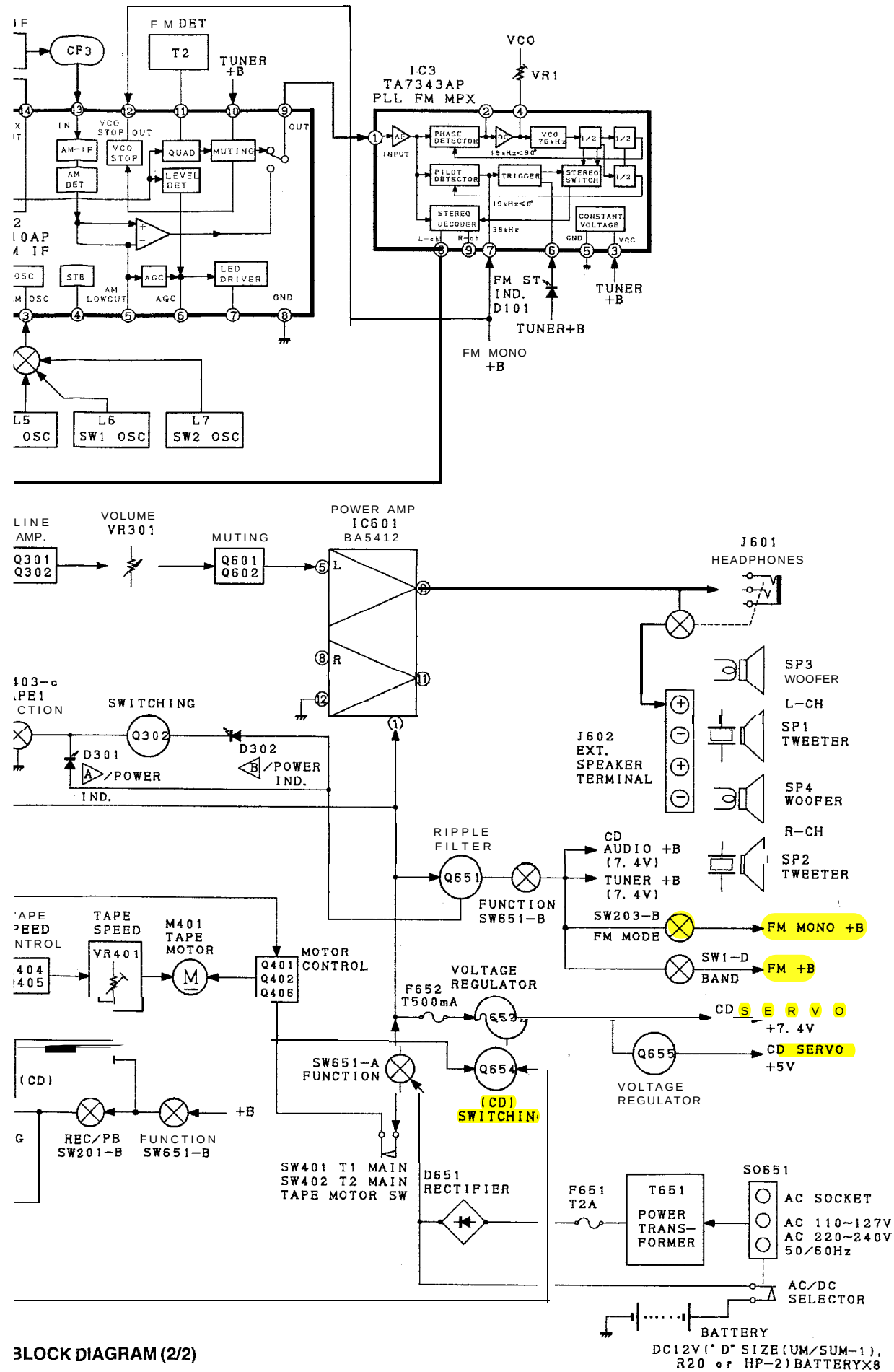
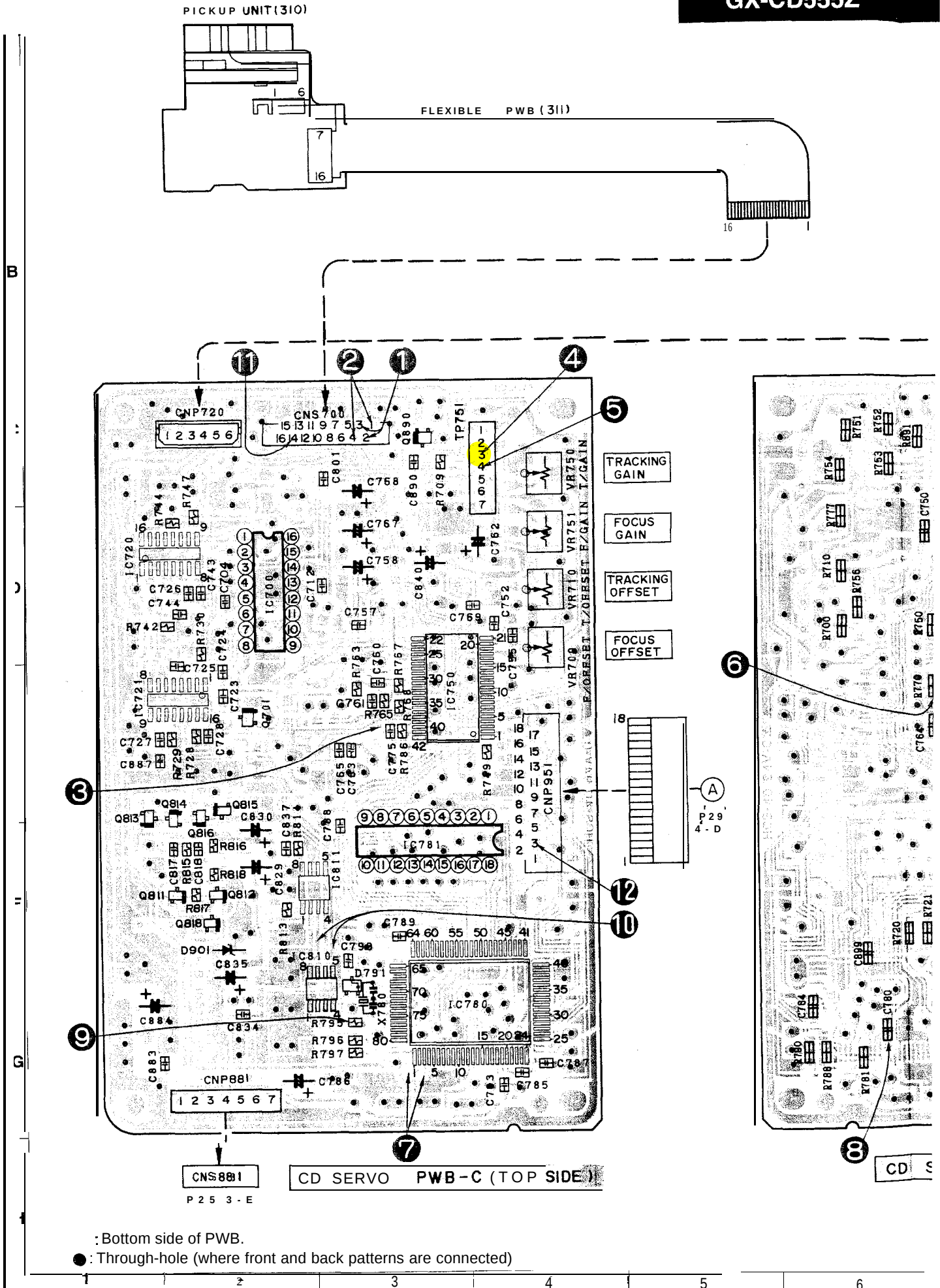


Figure 19 BLOCK DIA

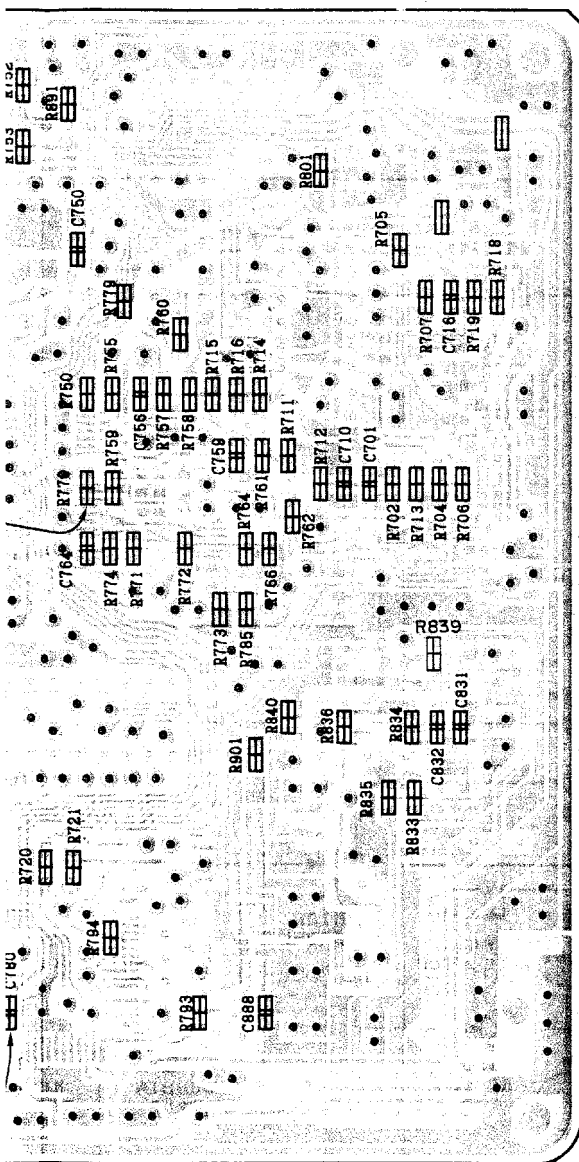




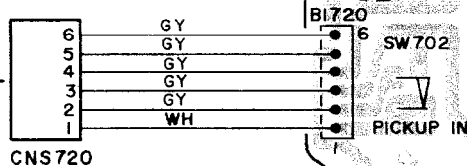
: Bottom side of PWB.

●: Through-hole (where front and back patterns are connected)

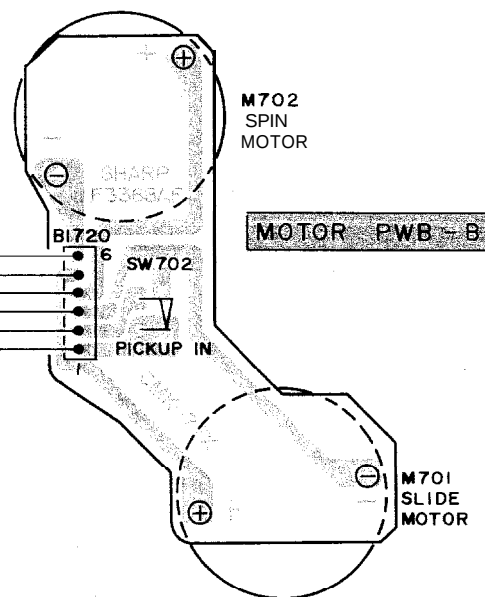
Figure 21 WIRING SIDE



CD SERVO PWB-C (BOTTOM SIDE)



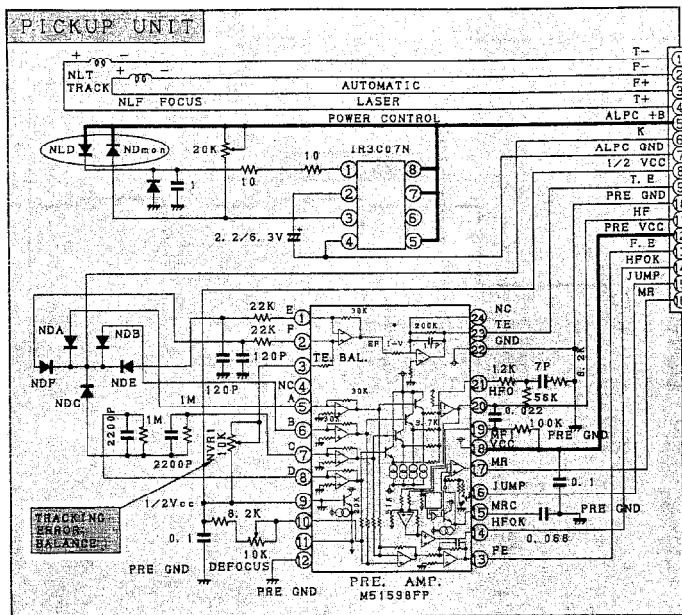
COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK



The numbers ① to ⑫ are waveform numbers shown in page 16.

7	8	9	10	11	12
---	---	---	----	----	----

G SIDE OF P.W.BOARD (1/3)



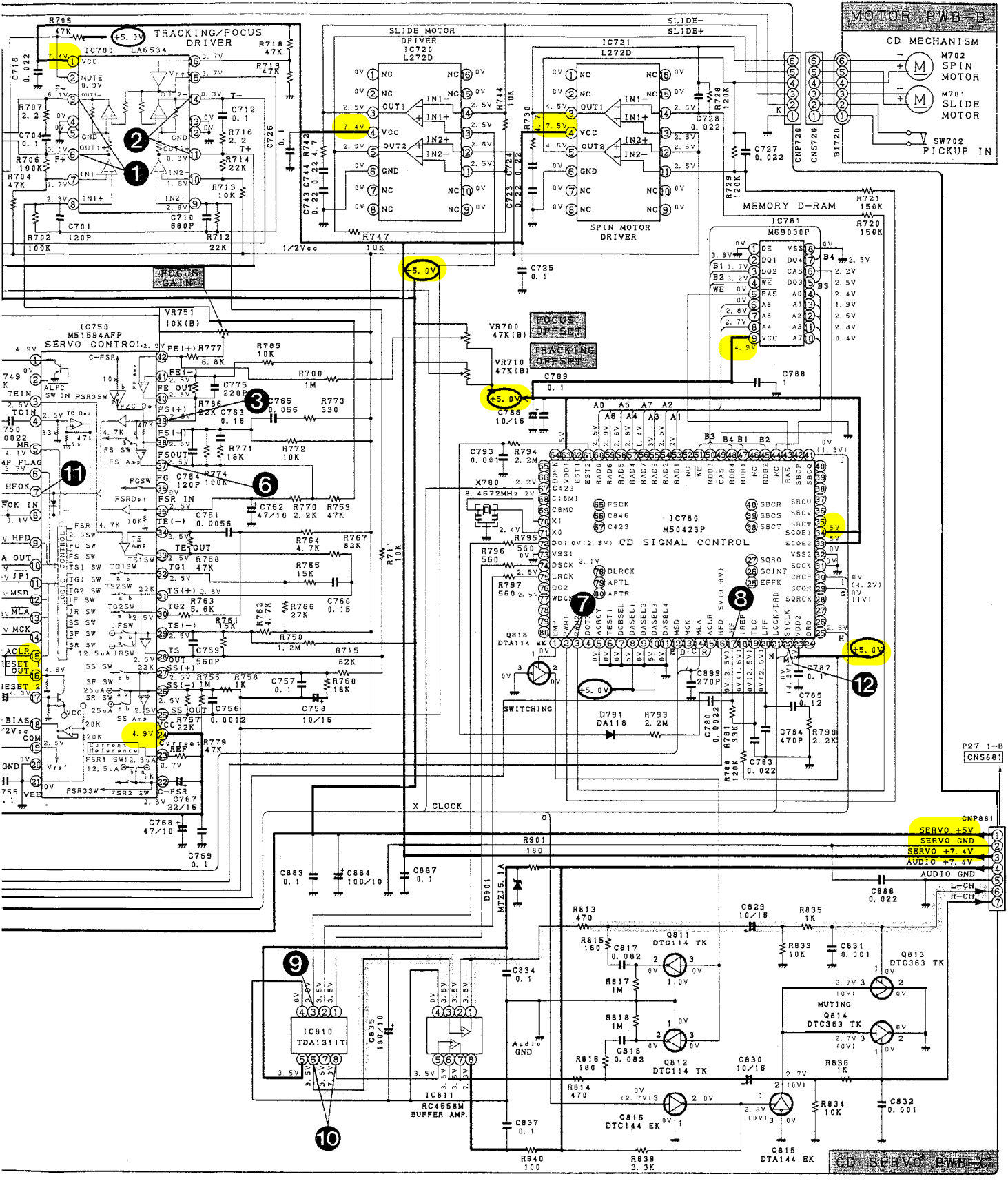
+ B

CD S I G N A L

CD PWB-D

- NOTES ON SCHEMATIC DIAGRAM can be found on page 15.

Figure 23 SCHEMATIC D



The numbers 1 to 12 are waveform numbers shown in page 16.

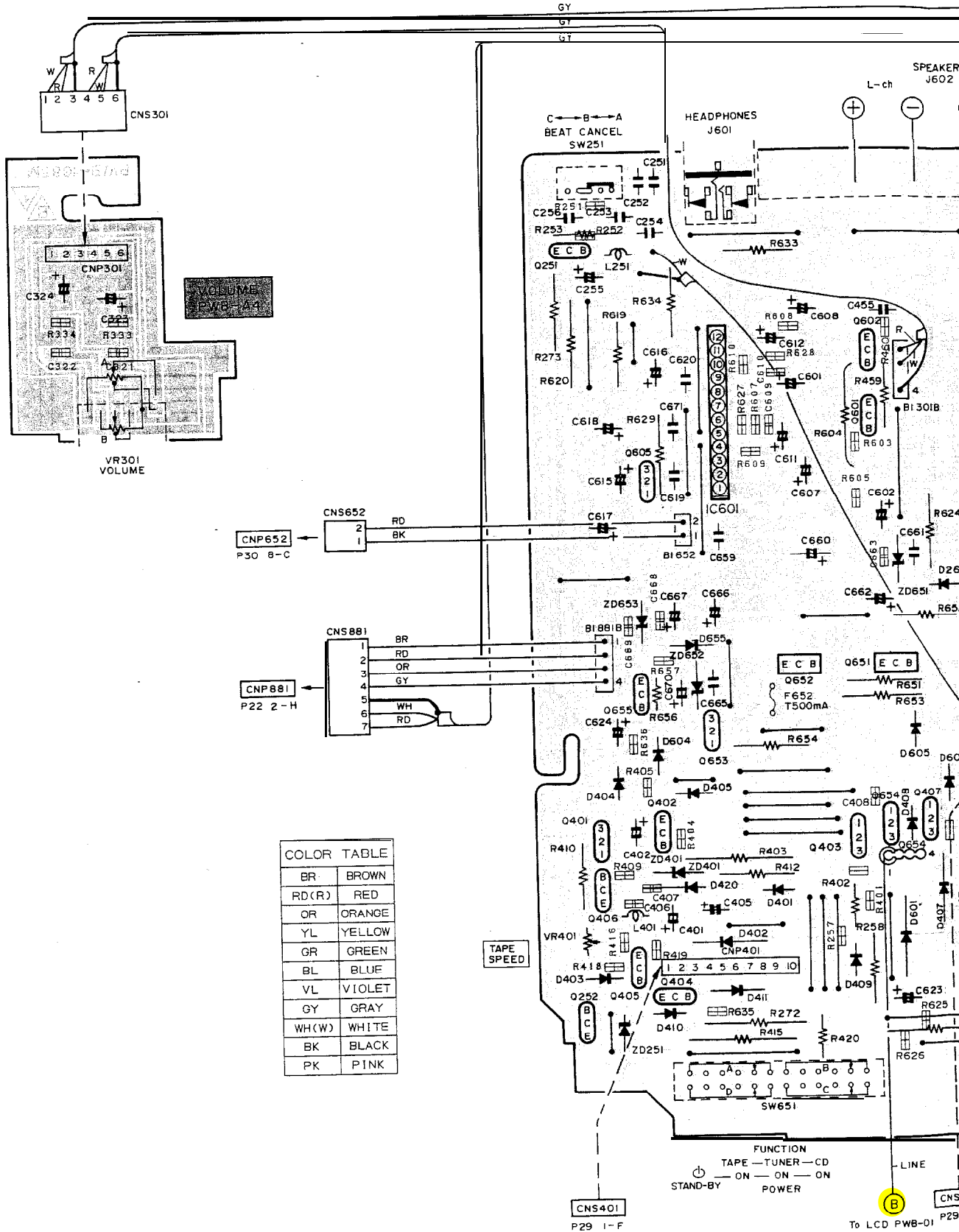
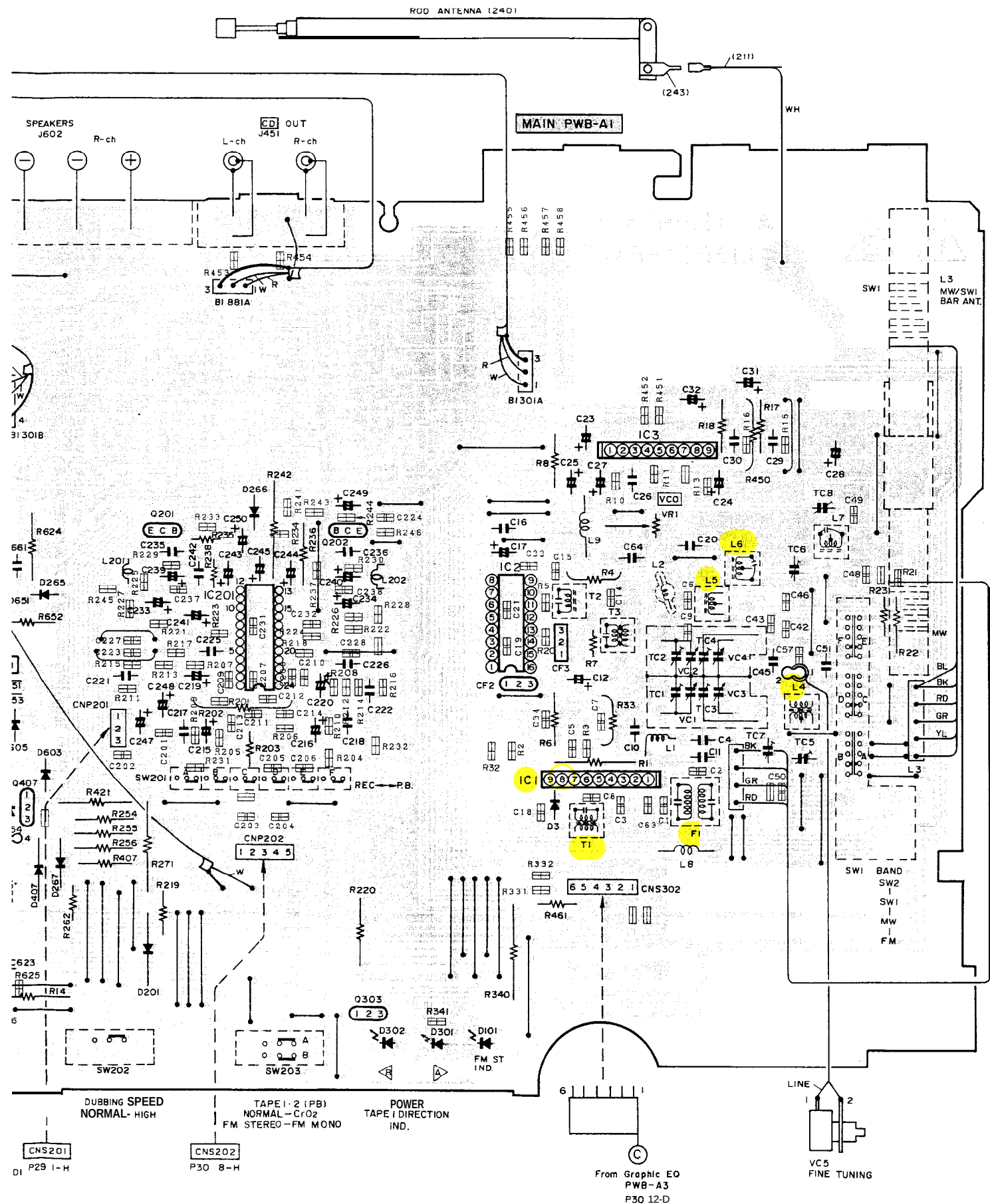
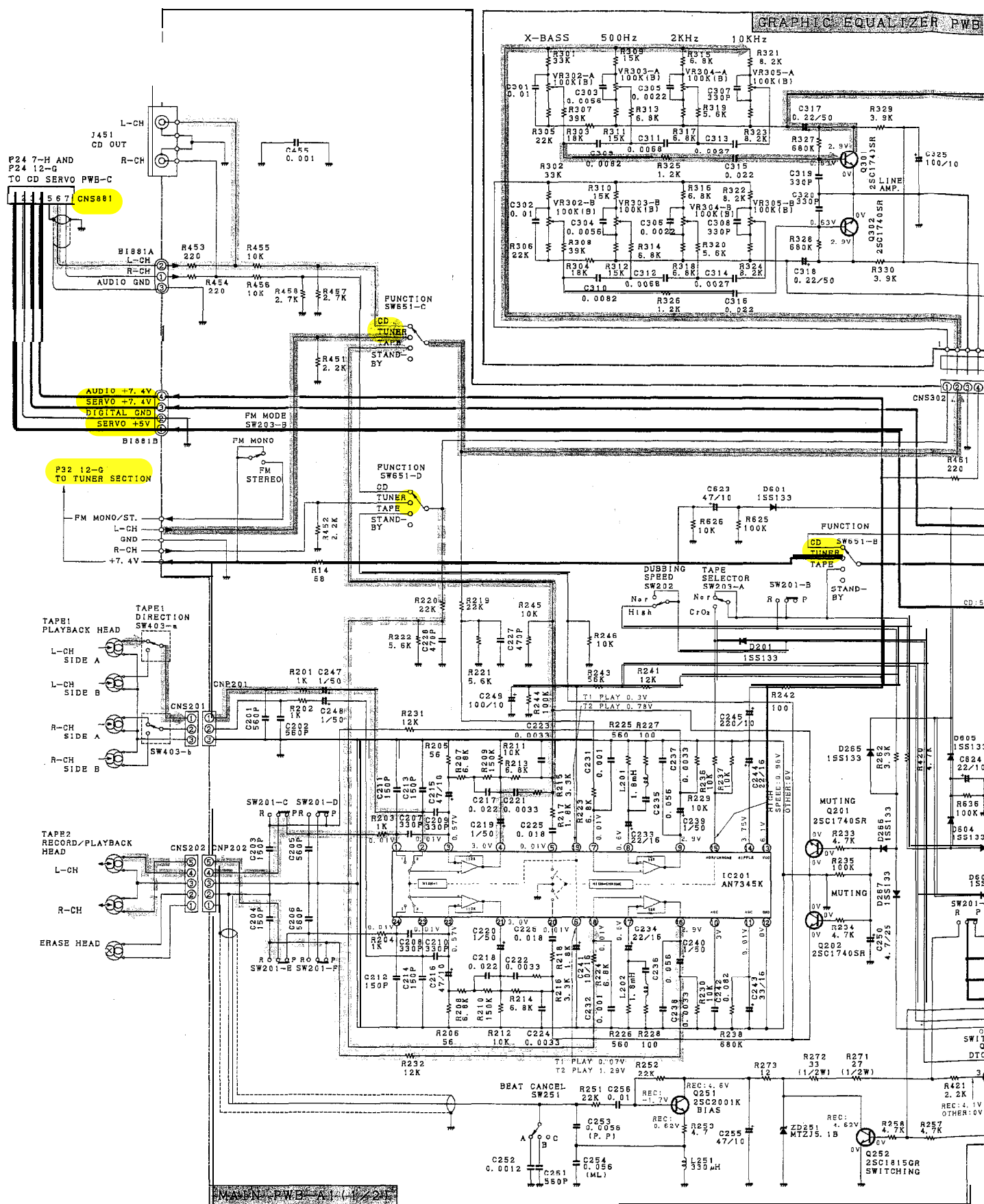


Figure 25 WIRING SIB



FM SIGNAL ~~RECORD~~ PLAYBACK SIGNAL ~~RECORD~~ RECORD SIGNAL



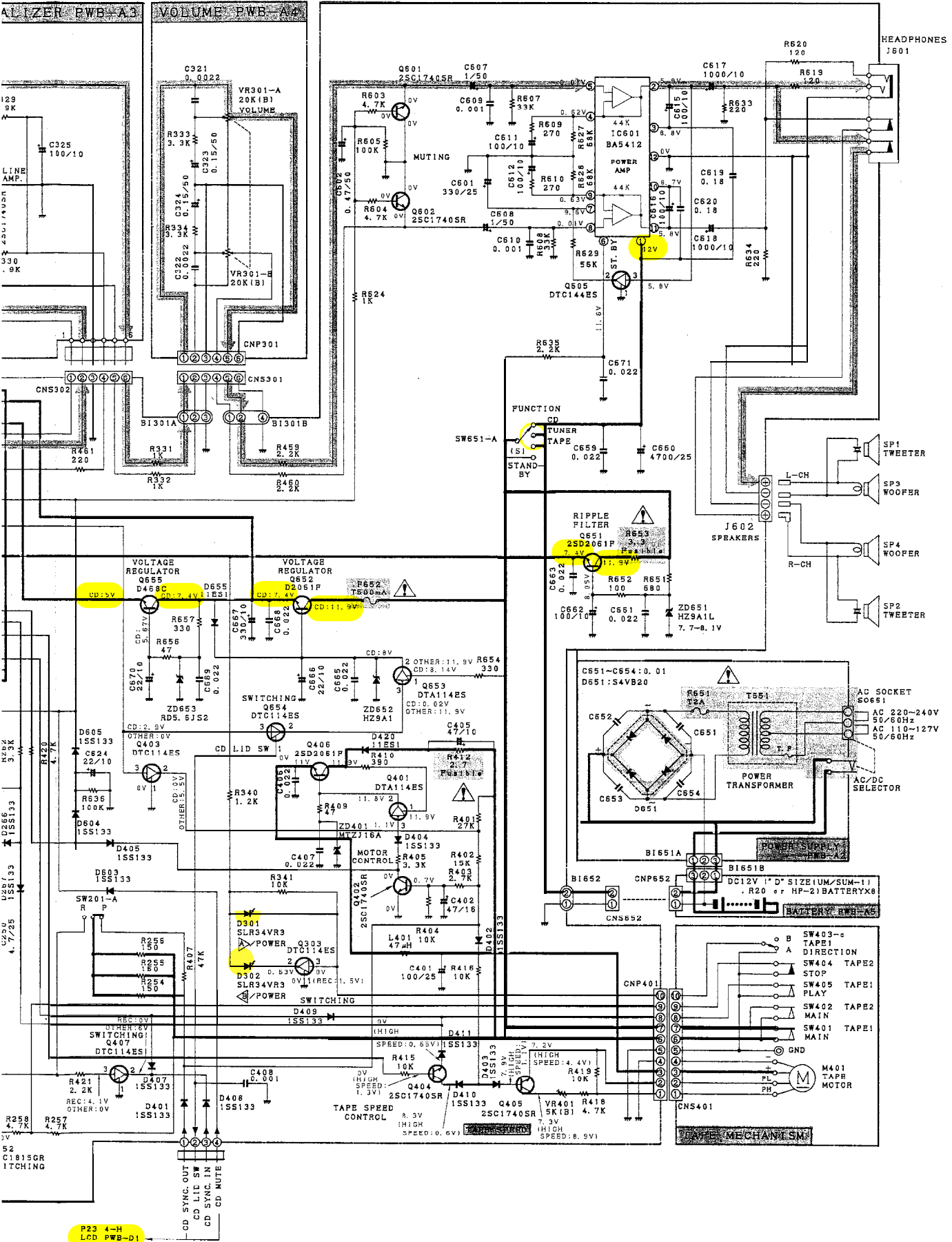
- NOTES ON SCHEMATIC DIAGRAM can be found on page 15.

P23 4-
LCD PW

Figure 27 SCHEMATIC DIAGRAM

GX-CD555Z

RD SIGNAL CD SIGNAL



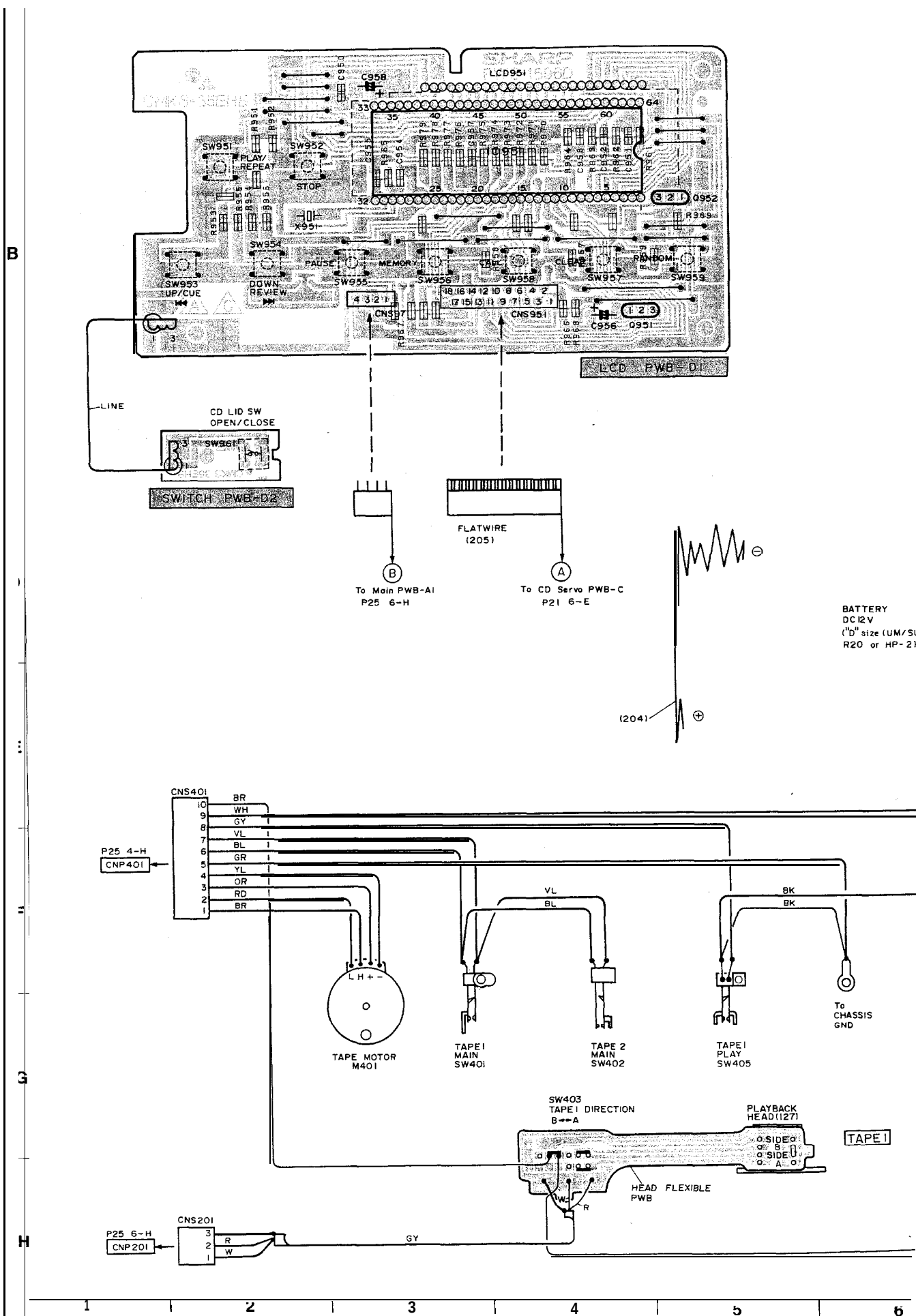
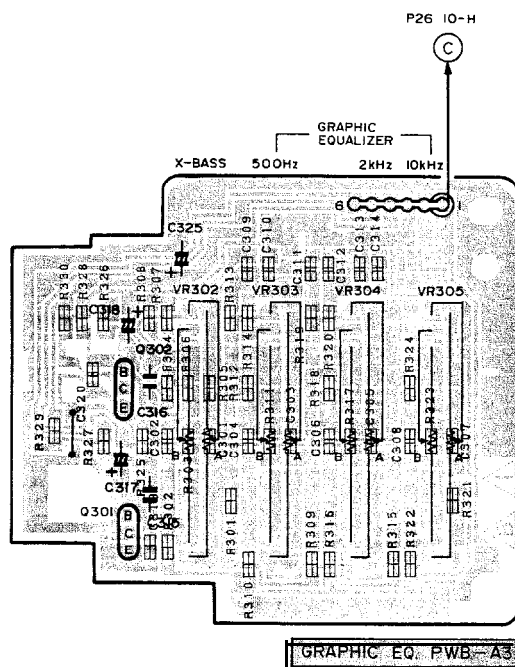
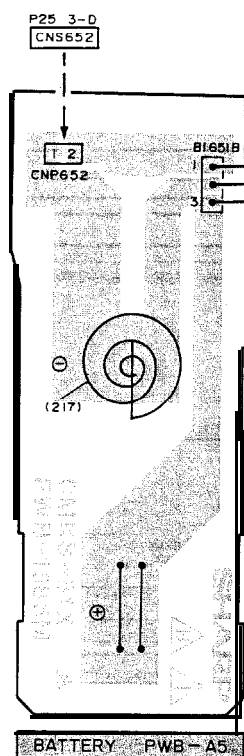
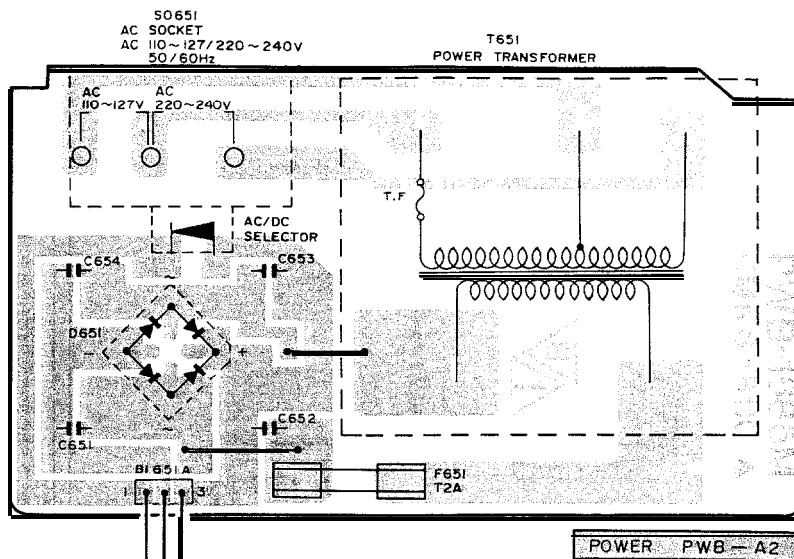
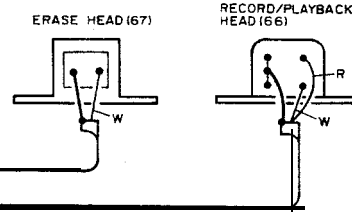
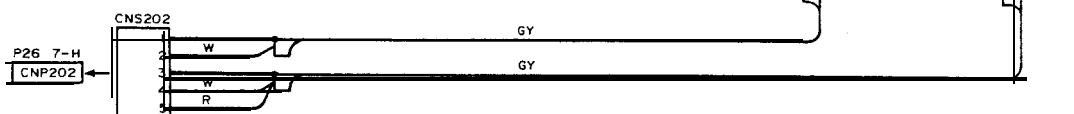
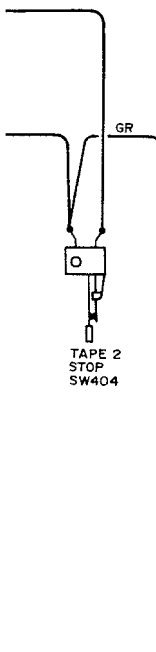
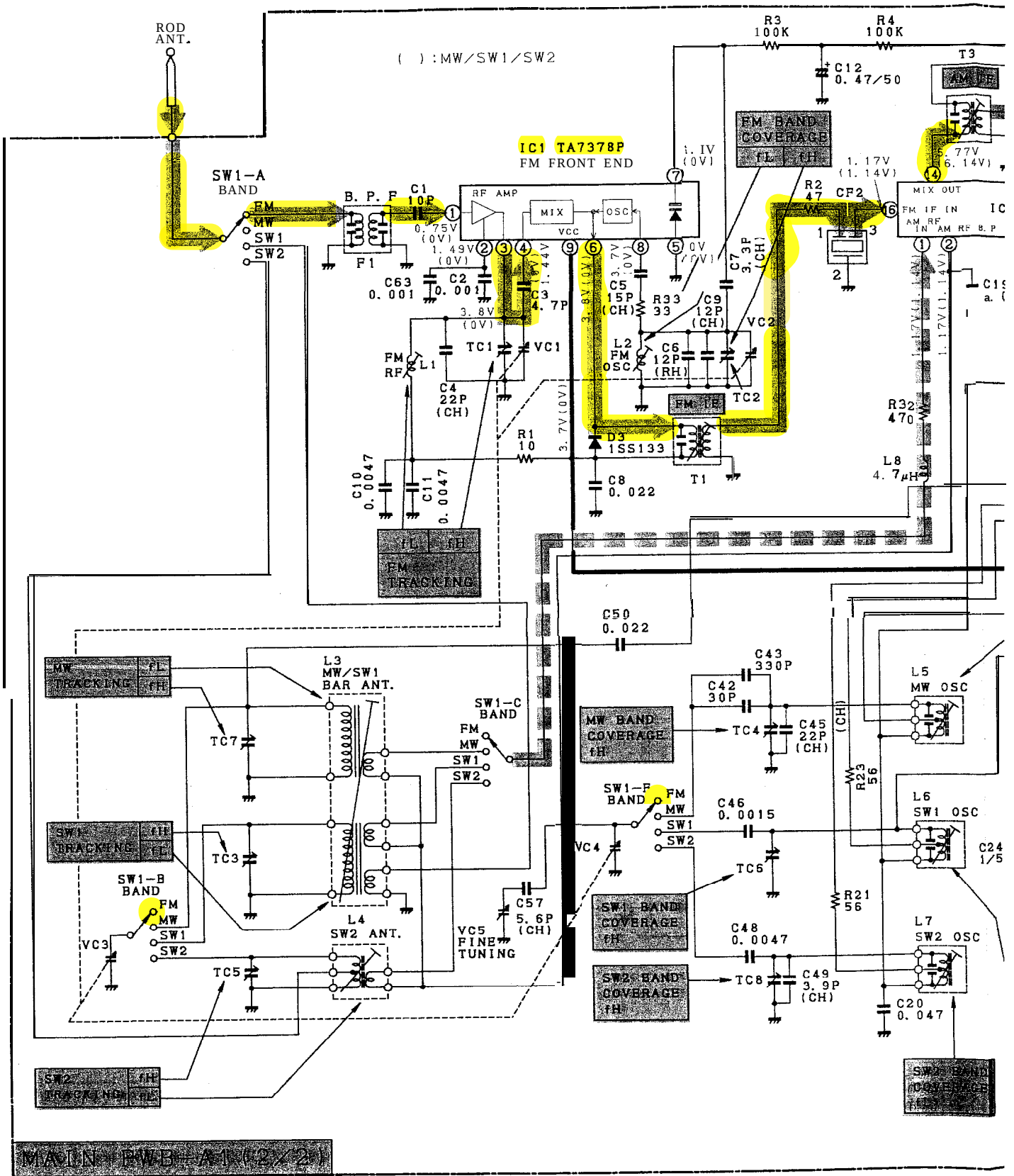


Figure 29 WIRII



COLOR TABLE	
BR	BROWN
RD(R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH(W)	WHITE
BK	BLACK
PK	PINK

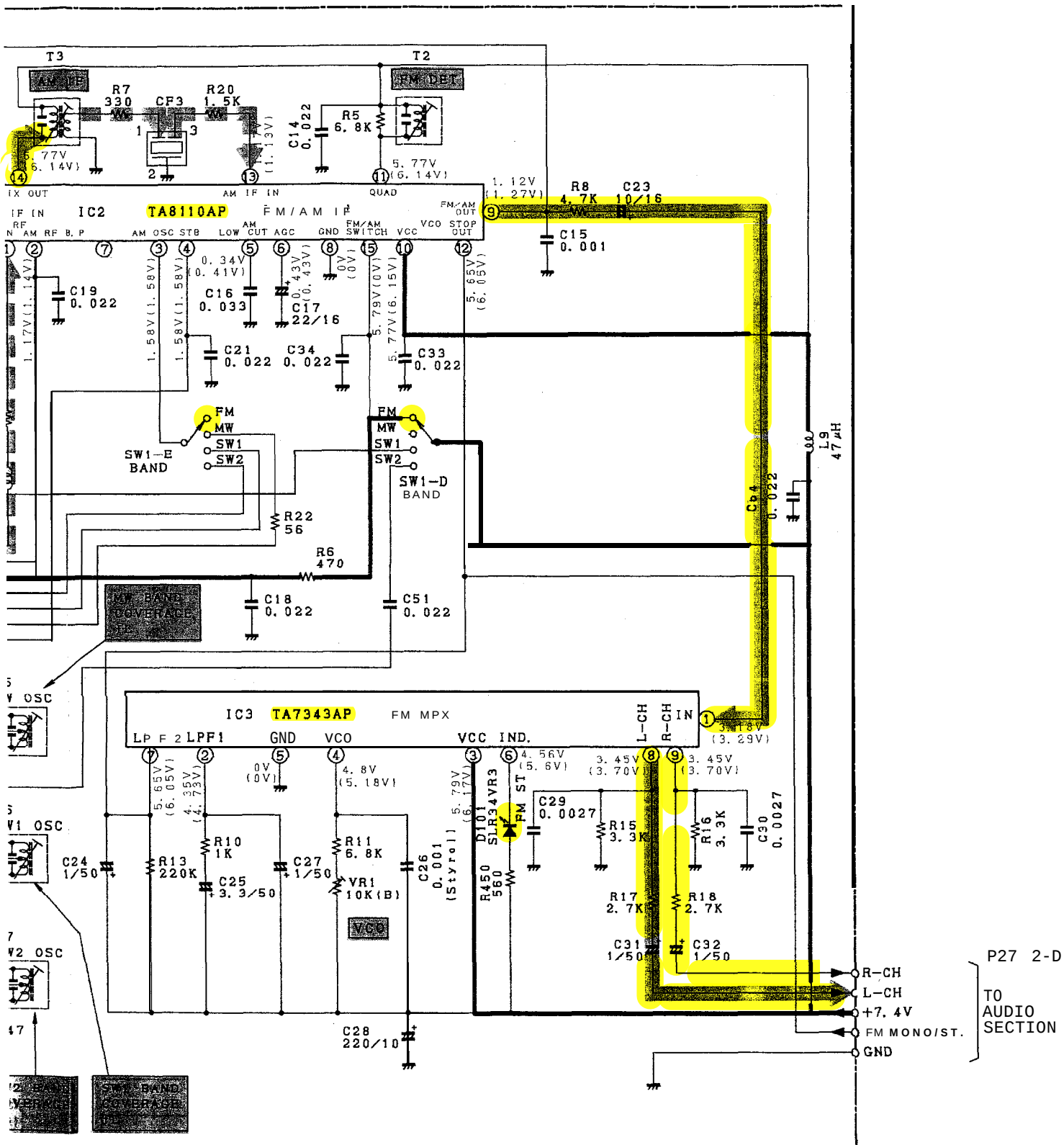




NOTES ON SCHEMATIC DIAGRAM can be found on page 15.

Figure 31 SCHEMATIC

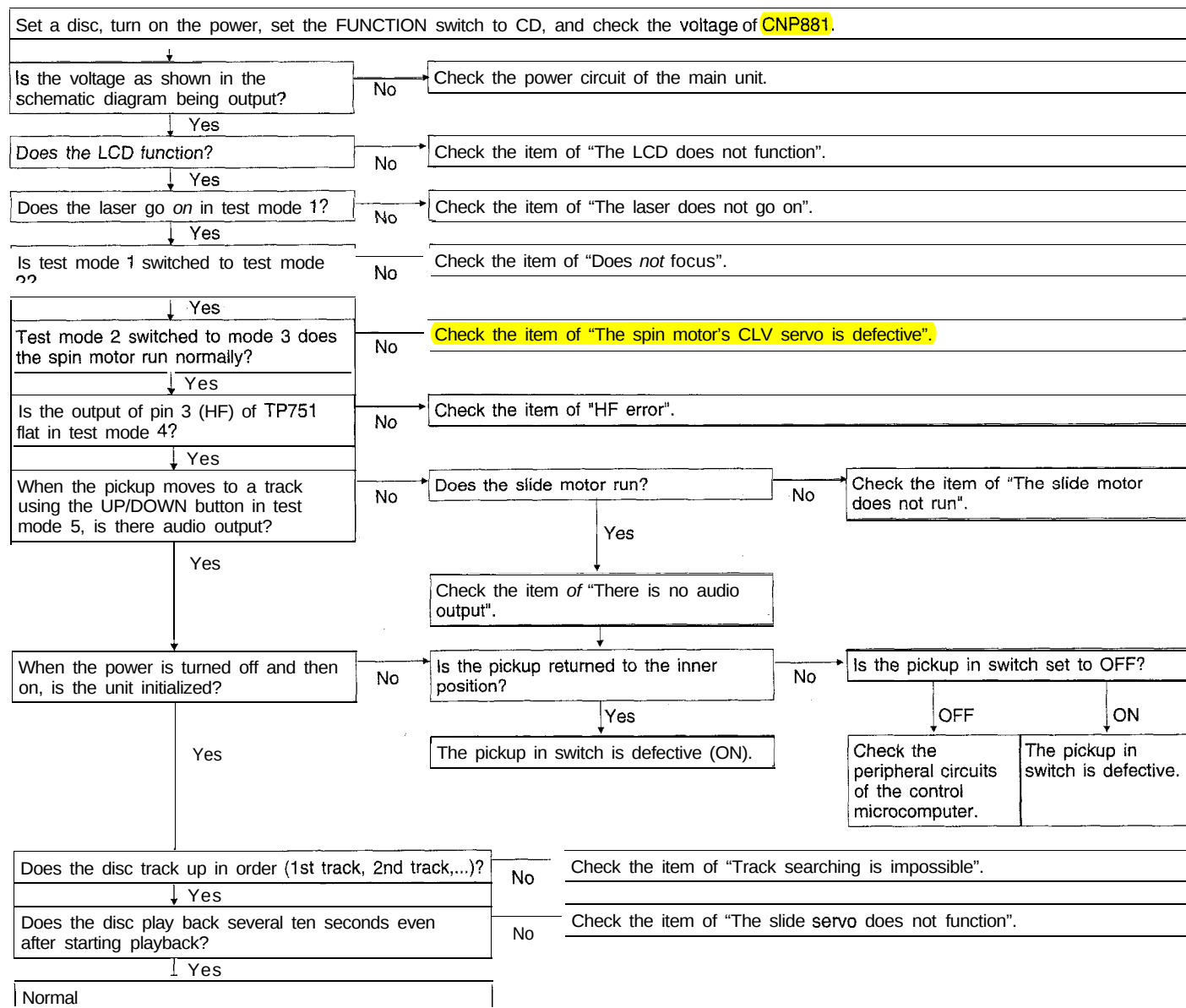
— +B → FM SIGNAL → MW/SW1 SIGNAL



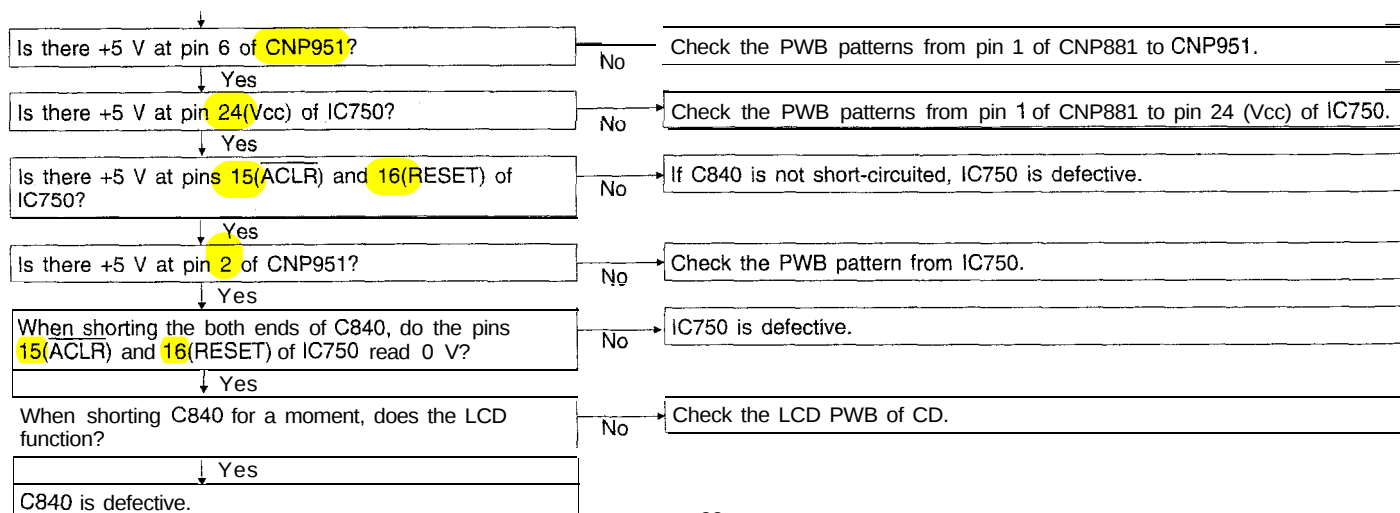
TROUBLESHOOTING (CD SECTION)

When the CD does not function

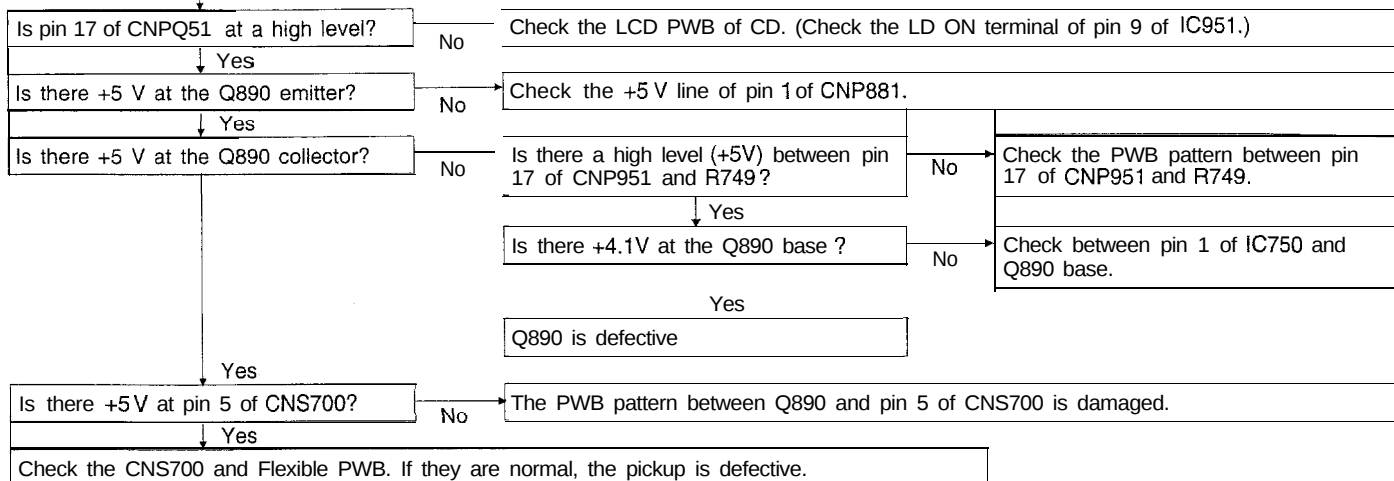
When the CD section does not operate When the objective lens of the optical pickup is dirty, this section may not operate. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items. Remove the cabinet and follow the troubleshooting instructions.



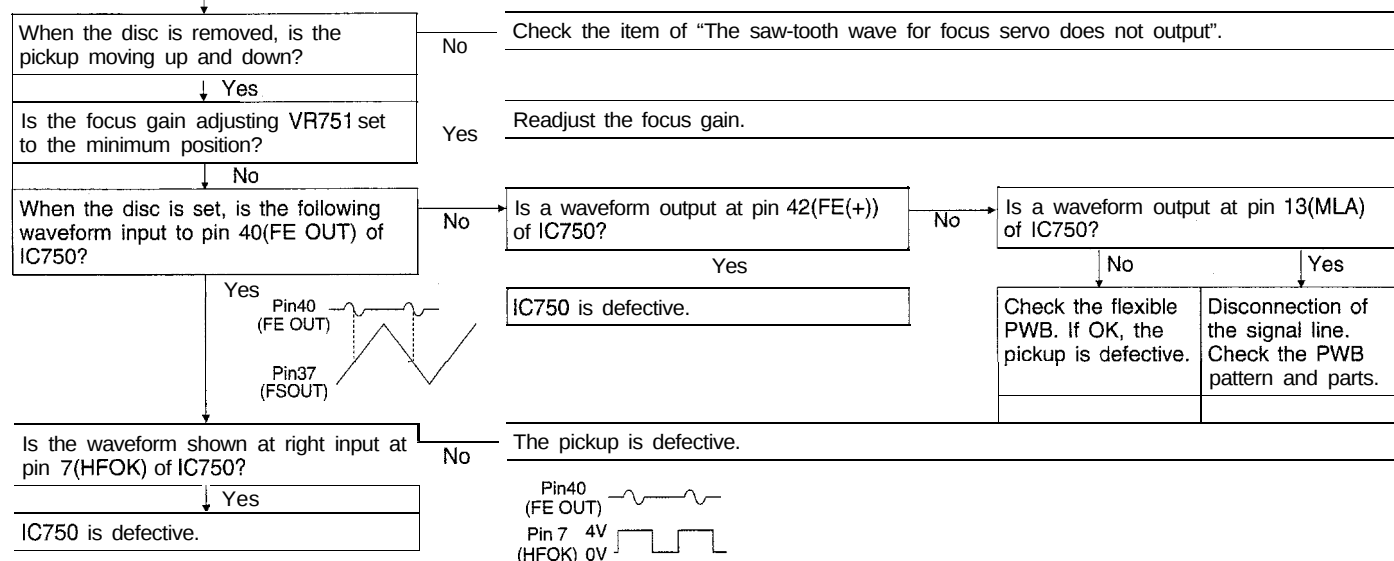
The LCD does not function.



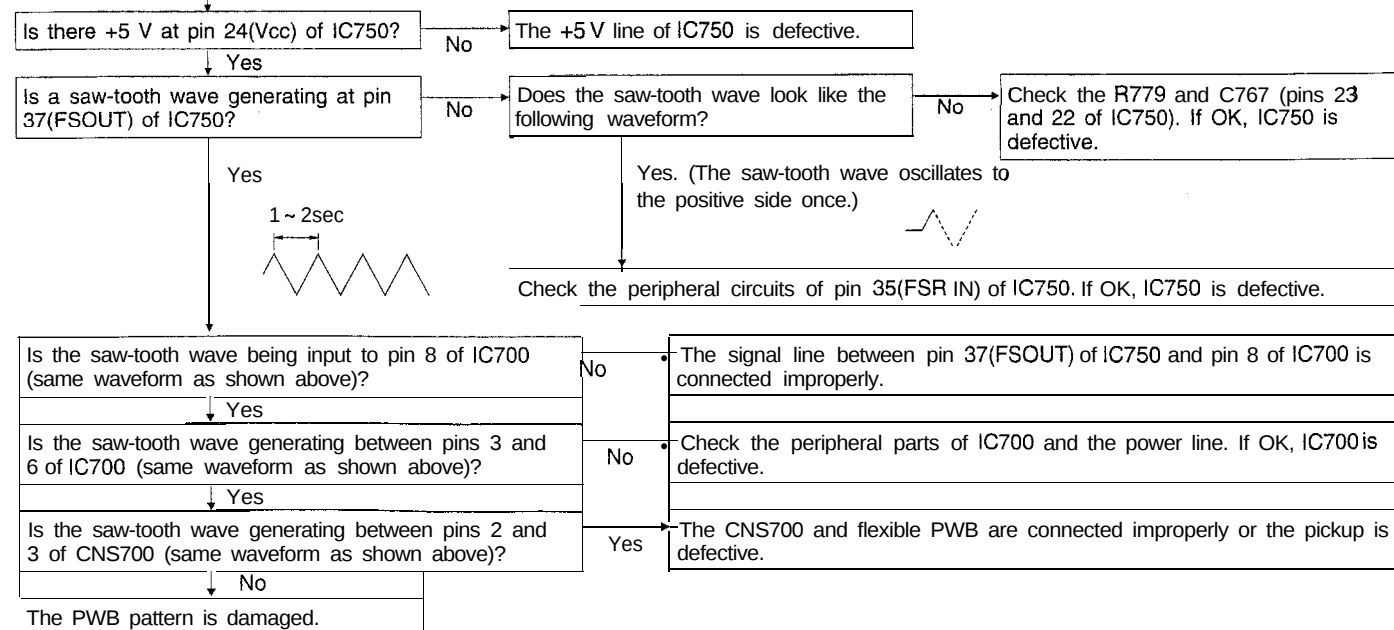
The laser does not go on.



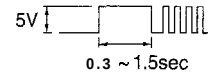
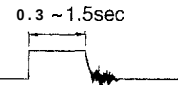
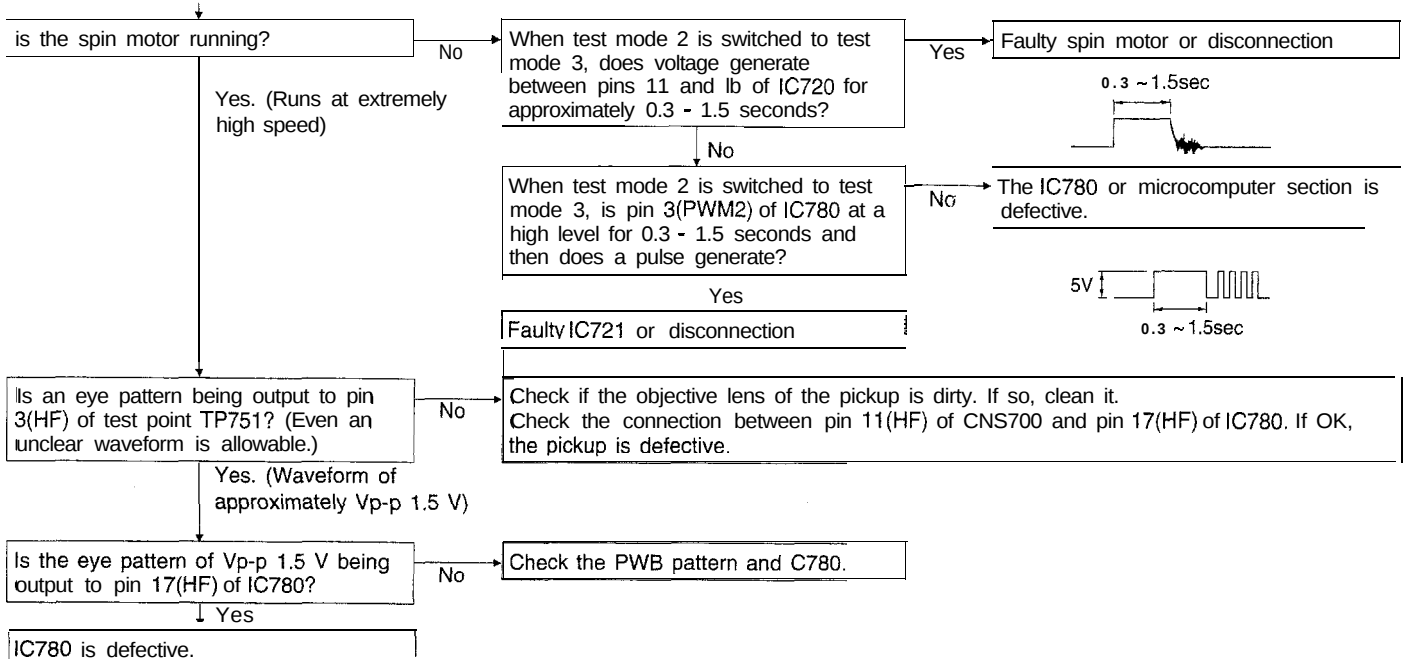
Does not focus



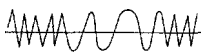
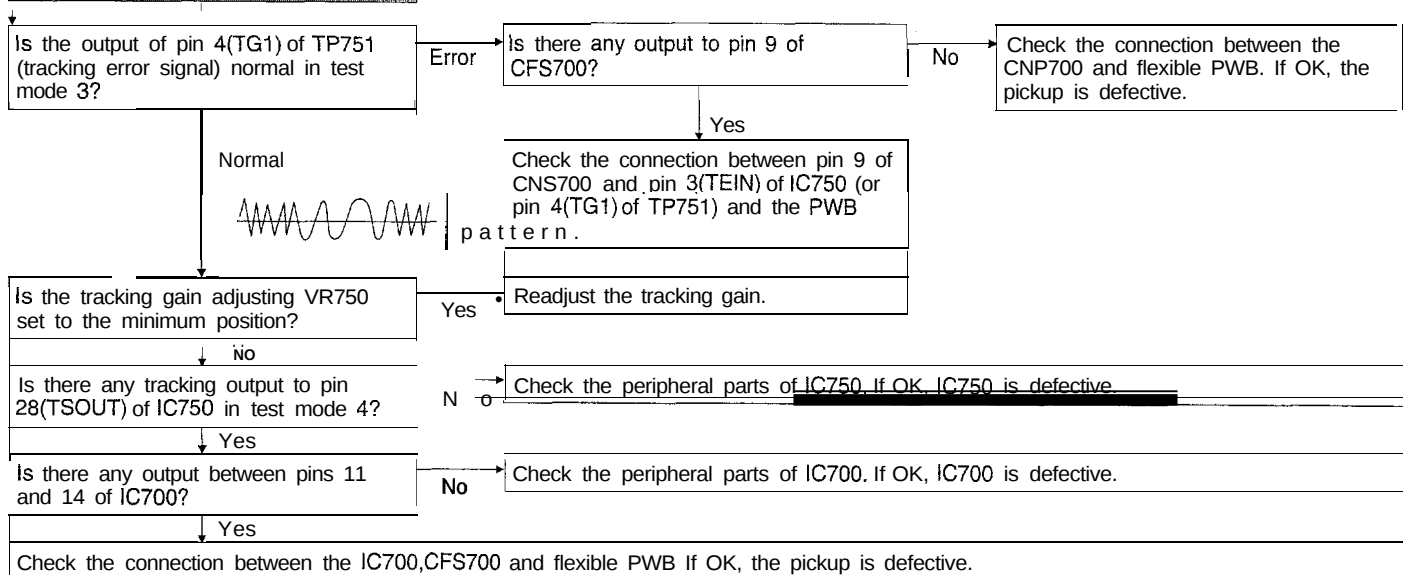
The saw-tooth wave for focus servo does not output.



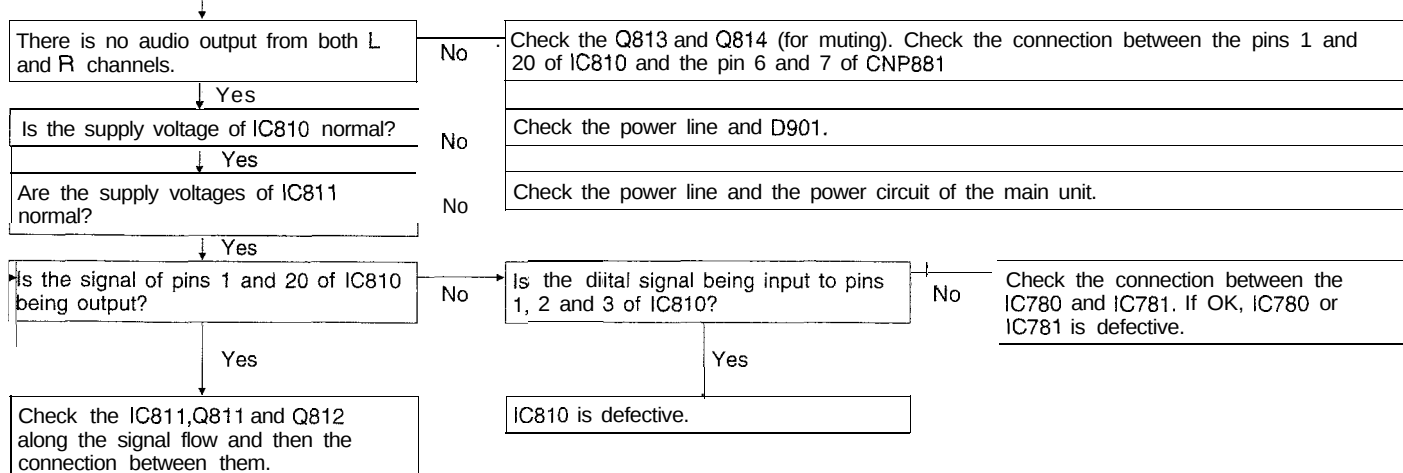
The spin motor's CLV servo is defective.



HF error



There is no audio output.



Track searching is impossible.

Does the slide motor run in the test mode using the UP/DOWN button?

No

Check the item of "The slide motor does not run".

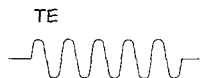
Yes

During normal playback track searching, is the following waveform being input to pin 4(TCIN) of IC750?

No

Check the connection of C750, etc.

Yes



Is the following waveform being output to pin 10(DATA OUT) of IC750 during track jump?

No

IC750 is defective.

Yes



Kick Pulse



Is the following waveform being output to pin 16 of CFS700 during track jump?

No

Check the CNS700, flexible PWB and pickup.

Yes

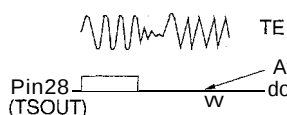


Is the following waveform being output to pin 28 (TSOUT) of IC750 during track searching?

No

IC750 is defective.

Yes



After generating a kick pulse, does a waveform appear like this?

Check the IC951 and the LCD PWB of CD.

The slide motor does not run.

When the UP/DOWN button is pressed in the test mode, is the slide feed signal being output between pin 25(SS OUT) of IC750 and pin 13 of IC720 (1/2 Vcc)?

No

Check the peripheral parts of IC750. If OK, IC750 is defective.

Yes

Is the slide feed signal being output between pins 3 and 5 of IC720?

No

Check the connection between pin 13 of IC720 and pin 25(SS OUT) of IC750. If OK, IC720 is defective.

Yes

Is the slide feed voltage being supplied to the both ends of the slide motor?

No

Check the CNP720 and CNS720.

Yes

Check the slide motor. Supply 2.0 VDC to the slide motor terminal, and if the slide motor does not function, it is defective.

The slide servo does not function.

Is the slide control voltage waveform shown at right being input to pin 27(SS(+)) of IC750 during playback?

No

Check the parts between pins 27(SS(+)) and 28(TSOUT) of IC750 and then the connection of PWB pattern.

Yes

Is the waveform shown at right being output to pin 25(SS OUT) of IC750?

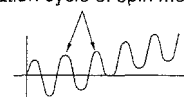
No

IC750 is defective. | Rotation cycle of spin motor

Yes

The slide servo system is not defective. Check again from the beginning.

Voltage differs according to disc eccentricity



FUNCTION TABLE OF IC

IC951 RH-IX1504AFZZ(IX1504)

Pin No.	Terminal Name	Input/output	Function
1-7	S17-S23	output	LCD segment output
a	SCOR	input	Sub-code Q data frame sync
9	LD ON	Output	Laser diode control
10	SYCLK	Input	Frame cycle status
11	CNTR	Input	Data input from servo IC
12	SUBQ	input	Sub-code Q data input
13	DRD	Input	Disc motor low rotating status
14	EFEK	Input	Clock for sub-code Q
15	CRCF	input	CRC check of sub-code Q data
16	JP1	output	Jump control signal
17	MSD	output	Serial data output
18	MLA	Output	Latch for serial data
19	MCK	Output	Clock for serial data
20*	PLAY	Input	Play start from external
21	IN	Input	CD synchro mode input
22	OUT	output	CD synchro mode output
23*	OUT	Output	CD synchro mode output
24	MUTE	output	Audio muting control
25	PU IN	Input	Innermost position detection signal Innermost position=0
26	SC IN	input	Servo control
27*	SC OUT	Output	Servo control
28	XC IN	Input	Clock signal
29* X	C O U T	Output	Clock signal
30	X IN	Input	Clock signal
31	X OUT	output	Clock signal
32	vss		Ground
33	VDD		Power supply for micro-computer 5 V
34*	C	Input	Terminal for externally connecting capacitor
35	RESET	Input	Reset input
36	CNVSS	Input	Connect to earth
37	AVSS	Input	Earth for A-D commutator
38	AVDD	—	Power supply for A-D commutator
39	VREF		Reference voltage for A-D commutator
40, 41	K0, K1	Input	KEY scan input
42	S1	output	LCD segment output
43-53	S2-S12	Output	LCD segment output
54	s13	Output	LCD segment output
55 56	S14,S15	Output	LCD segment output
57*	COM 3	Output	LCD common output
58-60	COM 2-0	Output	LCD common output
61-63	VLC I-3	Output	Power supply for LCD
64	S16	Output	LCD segment output

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

IC780 VHiM50423P/-1 (M50423P)

Pin No.	Terminal Name	Input/ Output	Function
1	EMP	Output	Emphasis code output Emphasis provided = "1"
2	PWM1	Output	Disc motor drive PWM output 1: "-"
3	PWM2	Output	Disc motor drive PWM output 2: "+"
4'	DOTX	Output	Digital OUT
5	ACRCY	Input	Digital OUT channel status clock accuracy input
6	TEST1	Input	Test mode selection input Ordinary playback = "0"
7	DOBSSEL	Input	Selection of number of output data bits 18 bits = "1"
8	DASEL1	Input	DAC interface selection input 1
9	DASEL2	Input	DAB interface selection input 2
10	DASEL3	Input	DAC interface selection input 3
11	DASEL4	Input	DAC interface selection input 4
12	MSD	Input	Microcomputer interface serial data input
13	MCK	Input	Microcomputer interface clock input
14	MLA	Input	Microcomputer interface data latch clock input
15	ACLR	Input	Microcomputer interface register clear input
16	HFD	Input	Playback signal lack signal input
17	HF	Input	Playback signal input
18	IREF	Input	Detection/PLL circuit reference current input
19	TLC	Output	Slice level control output
20	LPF	Input/ Output	PLL loop filter connection terminal
21	LOCK/DRD	Output	Sync. state/Low disc rotation state output
22	SYCLK	Output	Frame sync. state output Sync. = "1"
23	VDD2	Input	Detection/PLL circuit Analog section exclusive-use power supply 5 V
24	DRD	output	Low disc rotation state output
25	EFFK	Output	EFM frame clock output Duty 50%
26*	SCINT	output	Subcode CI output interruption signal output
27*	SQRO	output	Subcode Q register output
28'	SQRCK	Input	Subcode Q register data shift clock input
29	SCOR	output	Subcode sync. signal output SO + S1
30	CRCF	output	Subcode Q Output of CRC check result output GRCK = "1"
31	SCCK	Input	Shift clock input for subcode serial output
32	VSS2		GND OV
33	SCOE2	Input	SBCP to SBCS output enable input
34	SCOE1	Input	SBCT to SBCW output enable input
35'	SBCW	output	Subcode Wch output
36'	SBCV	output	Subcode Vch output
37'	SBCU	output	Subcode Uch output
38	SBCT	output	Subcode Tch output
39	SBCS	output	Subcode Sch output
40'	SBCR	output	Subcode Rch output
41	SBCQ	output	Subcode Qch output

In this unit, the terminal with asterisk mark (*) is (open)terminal which is not connected to the outside.

IC780 VHiM50423P/-1 (M50423P)

Pin No.	Terminal Name	Input/ Output	Function
42'	SBCP	Output	Subcode Pch output
43	RAS	Output	Row address strobe signal output
44	NC	—	—
45	RDB2	Input/ Output	External memory data input/output 2
46	NC	—	—
47	RDB1	Input/ Output	External memory data input/output 1
48	RDB4	Input/ Output	External memory data input/output 4
49	CAS	Output	Column address strobe signal output
50	RDB3	Input/ Output	External memory data input/output 3
51	WE	Output	Write enable signal output
52	NC	—	—
53	RAD1	Output	External memory address output 1
54	RAD2	Output	External memory address output 2
55	RAD3	Output	External memory address output 3
56	RAD7	Output	External memory address output 7
57	RAD4	Output	External memory address output 4
58	RAD5	Output	External memory address output 5
59	RAD6	Output	External memory address output 6
60	RAD0	Output	External memory address output 0
61	EST2	Output	Error state output 2 C2 decoder correction disabled = "1"
62*	EST1	Output	Error state output 1 C1 decoder error detection = "1"
63	VDD1	Input	Power supply +5V
64'	DOFK	output	OSC frame clock output 7.35 kHz Duty = 50 %
65*	FSCK	Output	Clock output 44.1 kHz
66*	C846	Output	Clock output 8.4672 MHz
67*	C423	Output	Clock output 4.2336 MHz
68	C16Mi	Input	1/2-frequency-divider input Feedback resistor provided
69*	C8MO	Output	1/2-frequency-divider output
70	XI	I n p u t	Crystal oscillator input Feedback resistor provided
71	XO	Output	Crystal oscillator output
72	DO1	output	DAC. Serial data output
73	VSS1	—	DAC. 0 V
74	DSCK	Output	DAC. Data shift clock output
75	LRCK	Output	DAC. Left/right clock output
76	DO2	output	DUAL DAC. Serial data output Rch
77	WDCK	output	DAC. Word clock
78*	DLRCK	output	DAC. Left/right clock output 2
79'	APTL	output	Deglitch clock L
80*	APTR	Output	Deglitch clock R

In this unit, the terminal with asterisked mark (*) is (open) terminal which is not connected to the outside.

GX-CD555Z

IC810 VHiTDA1311T-T (TDA1311 T)

Pin No.	Terminal Name	Input/Output	Function
1	BCK	Input	Bit clock input
2	WS	Input	Word select input
3	DATA	Input	Data input
4	GND	—	Ground
5	VDD	Input	Supply voltage +5V
16	VOL	output	Left channel output
17	NC	—	Not connected
18	VOR	output	Right channel output

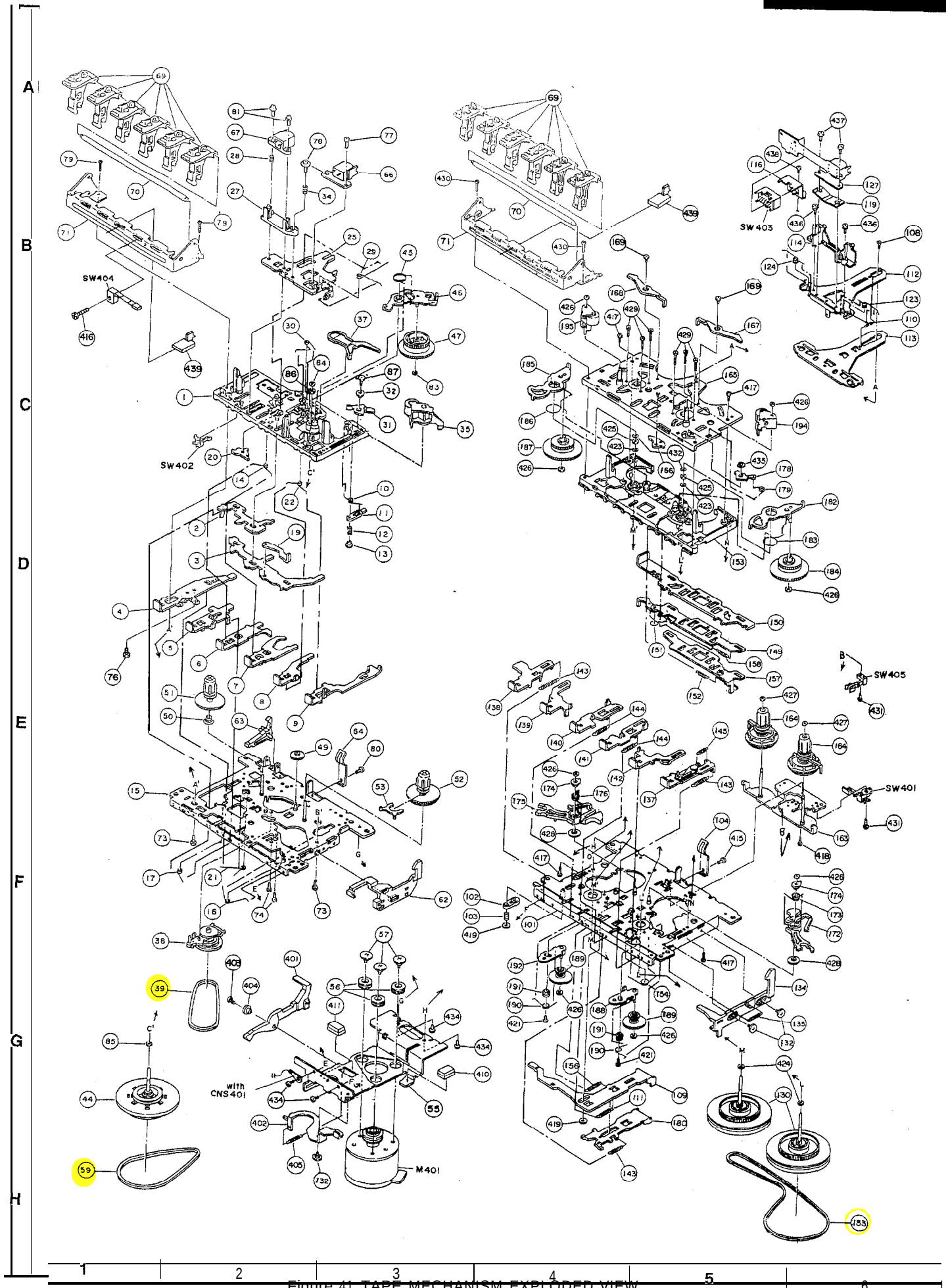


Figure 41 TAPE MECHANISM EXPLODED VIEW

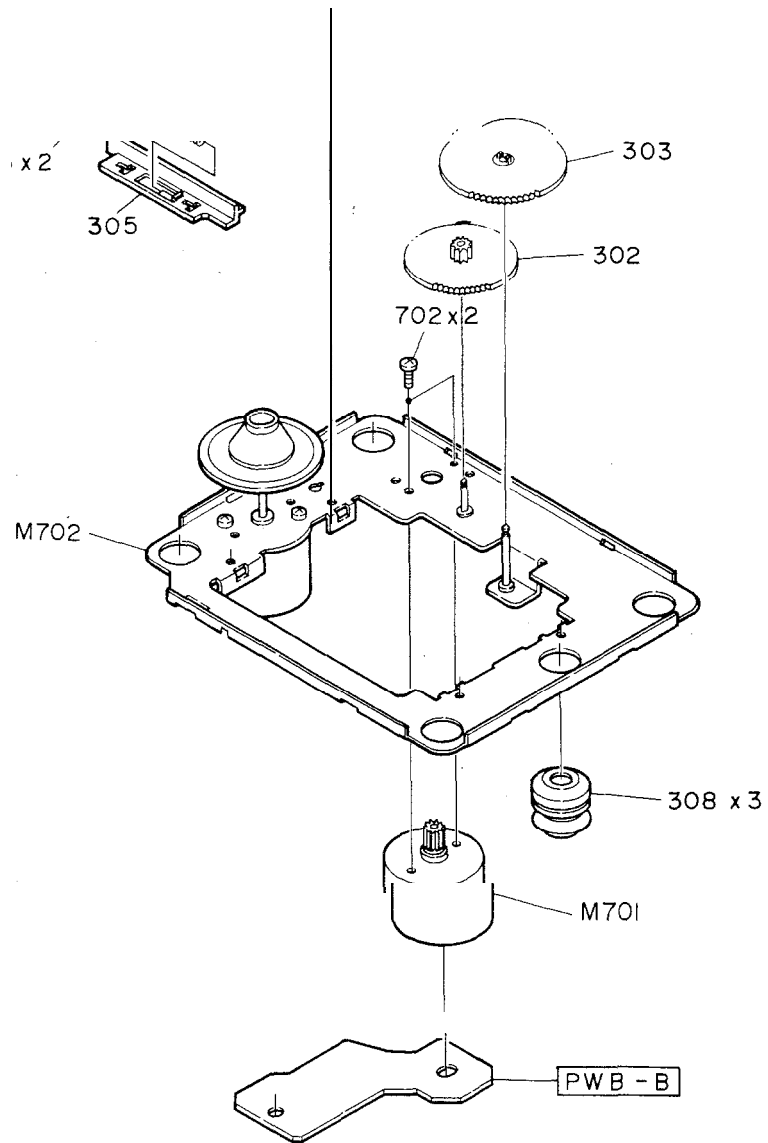


Figure 42 CD MECHANISM EXPLODED VIEW

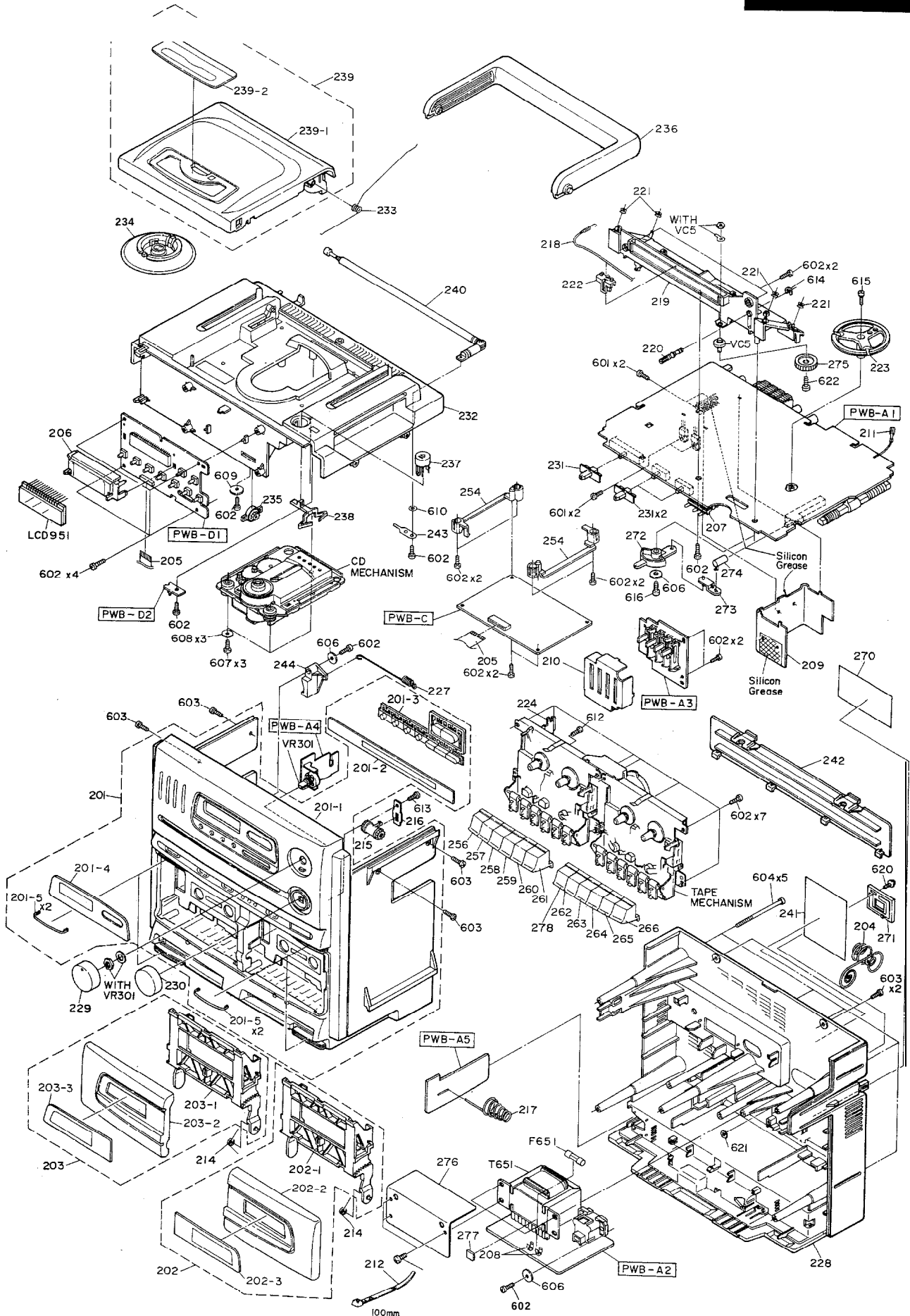


Figure 43 CABINET EXPLODED VIEW (1/2)

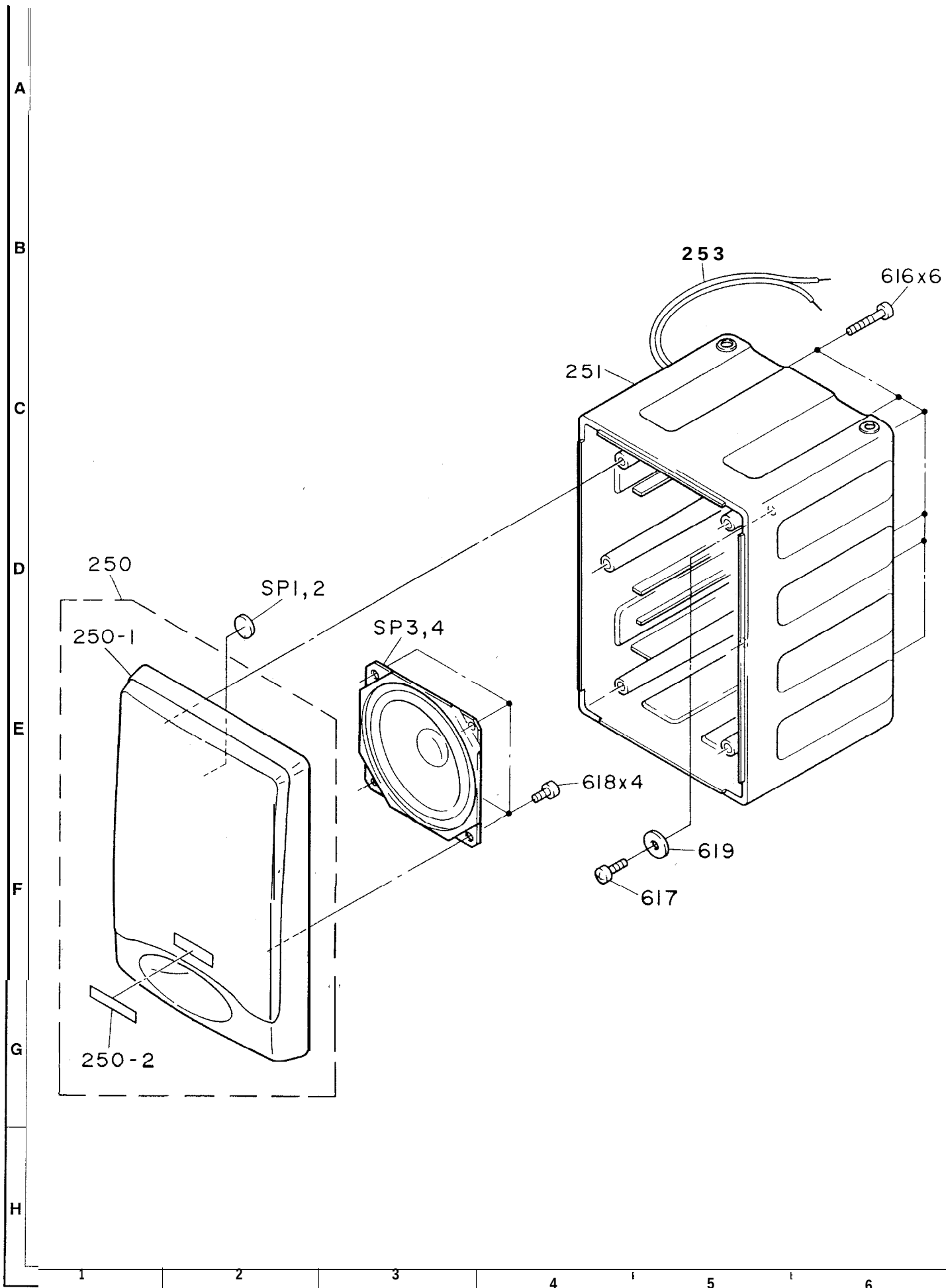


Figure 44 CABINET EXPLODED VIEW (2/2)

REPLACEMENT PARTS LIST

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

*MARK: SPARE PARTS-DELIVERY SECTION

NOTE:

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
INTEGRATED CIRCUITS					D401,402	VHD1SS133// -1	J Silicon,1SS133	A A	
IC1	VHiTA7378P/-1	J FM Front End,TA7378P	A E		D403~405	VHD1SS133// -1	J Silicon,1SS133	A A	
IC2	VHiTA8110AP/-1	J FM / A M IF,TA8110AP	A G		D407~411	VHD1SS133// -1	J Silicon,1SS133	A A	
IC3	VHiTA7343P/-1	J PLL FM MPX.,TA7343AP	A G		D420	VHD11ES1// -1	J Silicon,11ES1	A B	
IC201	92LiC-AN7345K	J Rec./PB Amp.,AN7345K	A M	△D651	D601	VHD1SS133// -1	J Silicon,1SS133	A A	
IC601	VHiBA5412// -1	J Power Amp.,BA5412	A H		D603~605	VHD1SS133// -1	J Silicon,1SS133	A A	
IC700	VHiLA6534// -1	J Tracking/Focus Driver, LA6534	A L		△D651	VHDS4VB20// -1	J Silicon,S4VB20	A G	
IC720,721	VHiL272D// -1	J Motor Driver,L272D	A F		D655	VHD11ES1// -1	J Silicon,11ES1	A B	
IC750	VHiM51594AFP1 J	Servo Control,M51594AFP	A P	D791	VHDDA118// -1	J Silicon,DA118	A B		
IC780	VHiM50423P/-1	J CD Signal Control,M50423P	A W	D901	92LMTZJ5R1AVT	J Zener,5.1V,MTZJ5.1A	A B		
IC781	RH-iX1828AFZZ J	Memory D-RAM,M69030P	A Q	ZD251	VHEMTZJ5R1B-1	J Zener,5.1V,MTZJ5.1B	A C		
IC810	VHiTDA1311T-T	J D/A Converter,TDA1311T	A P	ZD401	VHEMTZJ160A-1	J Zener,16V,MTZJ16A	A A		
IC811	VHiRC4558M/-1	J Buffer Amp.,RC4558M	A C	ZD651	VHEHZ9A1L// -1	J Zener,9V,HZ9A1L	A B		
IC951	RH-iX1504AFZZ J	Control Microcomputer, IX1504AF	A U	ZD652	92LHZ9A1T	J Zener,9V,HZ9A1	A B		
TRANSISTORS					ZD653	VHERD5R6JS2-1	J Zener,5.6V,RD5.6JS2	A B	
4201,202	VS2SC1740SR-1	J Silicon,NPN,2SC1740 S R	A B	FILTERS					
Q251	VS2SC2001-K-1	J Silicon,NPN,2SC2001 K	A D	CF2	92LFiLTF1342A J	F M IF,10.7 M H z	A D		
Q252	VS2SC1815GR-1	J Silicon,NPN,2SC1815 G R	A B	CF3	92LFiLT-523A	J A M IF,455 kHz	A D		
Q301,302	VS2SC1740SR-1	J Silicon,NPN,2SC1740 S R	A B	F1	RCiLA0620AFZZ	J FM Bard Pass Filter	A C		
Q303	VSDTC114ES/-1	J Digital NPN,DTC114 E S	A B	TRANSFORMERS					
Q401	VSDTA114ES/-1	J Digital PNP,DTA114 E S	A B	T1	92LiFTF1651A	J FM IF	A D		
Q402	VS2SC1740SR-1	J Silicon,NPN,2SC1740 S R	A B	T2	92LiFT-F1683A J	FM Detector	A D		
Q403	VSDTC114ES/-1	J Digital,NPN,DTC114 E S	A B	T3	92LiFT-A1683A J	A M IF	A E		
4404,405	VS2SC1740SR-1	J Silicon,NPN,2SC1740 S R	A B	△T651	92LPT-1597A	J Power	A Z		
Q406	VS2SD2061F/-1	J Silicon NPN,2SD2061 F	A G	COILS					
Q407	VSDTC114ES/-1	J Digital,NPN,DTC114 E S	A B	L1	92LCōiLR-1596A J	FM RF	A A		
Q601,602	VS2SC1740SR-1	J Silicon,NPN,2SC1740 S R	A B	L2	RCiLB0672AFZZ J	FM Oscillator	A C		
Q605	VSDTC144ES/-1	J Digital,NPN,DTC144 E S	A B	L3	92LCōiLA-1600A J	MW/SW1 Bar Antenna	A P		
Q651,652	VS2SD2061F/-1	J Silicon,NPN,2SD2061 F	A G	L4	RCiLA0556AFZZ J	SW2 Antenna	A D		
Q653	VSDTA114ES/-1	J Digital,PNP,DTA114 E S	A B	L5	92LCōiLō-677BJ	MW Oscillator	A D		
Q654	VSDTC114ES/-1	J Digital,NPN,DTC114 E S	A B	L6	92LCōiLō-751AJ	SW1 Oscillator	A D		
Q655	VS2SD468-C/-1	J Silicon,NPN,2SD468 C	A D	L7	92LCōiLō-751BJ	SW2 Oscillator	A D		
Q701	VSDTC144EK/-1	J Digital,NPN,DTC144 E K	A B	L8	VP-DH4R7K0000 J	4.7 μH,Choke	A B		
Q811,812	VSDTC114TK/-1	J Digital,NPN,DTC114 T K	A B	L9	VP-DH470K0000 J	4.7 μH,Choke	A B		
Q813,814	VSDTC363TK/-1	J Digital,NPN,DTC363 T K	A C	L201,202	92LCōiLC-182KK J	1.8mH,Choke	A C		
Q815	VSDTA114EK/-1	J Digital,PNP,DTA114 E K	A B	L251	VP-MK331K0000 J	330 μH,Choke	A B		
Q816	VSDTC144EK/-1	J Digital,NPN,DTC144 E K	A B	L401	VP-YF470K0000 J	4.7 μH,Choke	A B		
Q818	VSDTA114EK/-1	J Digital,PNP,DTA114 E K	A B	VARIABLE RESISTORS					
Q890	VS2SA1235FG-1	J Silicon,PNP,2SA1235 F G	A B	VR1	RVR-M0216AFZZ J	10 kohm (B),Semi-VR [VCO]	A B		
Q951,952	VSDTC114YS/-1	J Digital,NPN,DTC114 Y S	A B	VR301	92LVR-1596A	J 20 kohms (B)× 2 [VOLUME]	A G		
DIODES					VR302	92LVR-1449D	J 100 kohm (B)×2 [X -BASS]	A F	
D3	VHD1SS133// -1	J Silicon,1SS133	A A	VR303~305	92LVR-1449C	J 100 kohm (B)× 2 [GRAPHIC EQ.]	A F		
D101	VHPSLR34VR3-1	J LED,Red,SLR34VR3	A B						
D201	VHD1SS133// -1	J Silicon,1SS133	A A						
D265~267	VHD1SS133// -1	J Silicon,1SS133	A A						
D301	VHPSLR34VR3-1	J LED,Red,SLR34VR3	A B						
D302	VHPSLR34VR3-1	J LED,Red,SLR34VR3	A B						

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
VR401	RVR-M0584AFZZ	J 5	kohms (B),Semi-VR [TAPE SPEED]	A B	c45	VCCCPA1HH220J	J 22	pF(CH),50V	A A
VR700	RVR-M0590AFZZ	J 47	kohms (B),Semi-VR [Focus Offset]	A B	C46	VCTYMN1CX152K	J 0.0015	μF,16V	A A
VR710	RVR-M0590AFZZ	J 47	kohms (B),Semi-VR [Tracking Offset]	A B	C48	VCTYMN1CX472M	J 0.0047	μF,16V	A A
VR750	RVR-M0586AFZZ	J 10	kohm (B),Semi-VR [Tracking Gain]	A B	c49	VCCCMN1HH3R9K	J 3.9	pF(CH),50V	A A
VR751	RVR-M0586AFZZ	J 10	kohm (B),Semi-VR [Focus Gain]	A B	C50	VCTYMN1EF223Z	J 0.022	μF,25V	A A
VARIABLE CAPACITORS					C51	VCTYPA1EX223M	J 0.022	μF,25V	A A
TC5~8	RT0-H1165AFZZ	J	Trimmer	A C	c57	VCCCMN1HH5R6K	J 5.6	pF(CH),50V	A A
VC1-4	RVC-R0083AFZZ	J	Variable Capacitor with Trimmers(TC1~4)	A N	C63	VCKYMN1HB102K	J 0.001	μF,50V	A A
vc5	RVC-Z0062AFZZ	J	Fine Tuning	A F	C64	VCTYPU1EX223M	J 0.022	μF,25V	A B
VIBRATORS					C201,202	VCKYMN1HB561K	J 560	pF,50V	A A
X780	RCRM-0109AFZZ	J	Ceramic,8.46 MHz	A D	C203,204	VCKYMN1HB151K	J 150	pF,50V	A A
x951	RCRM-0058AFZZ	J	Ceramic,2 MHz	A D	C205,206	VCKYMN1HB561K	J 560	pF,50V	A A
CAPACITORS					C207~210	VCKYMN1HB331K	J 330	pF,50V	A A
There are two types of capacitors available and they can be identified from each other by reading their Part Numbers.					C211~214	VCKYMN1HB151K	J 150	pF,50V	A A
• Ceramic type capacitor;					C215,216	RC-GZA476AF1A	J 47	μF,10V,Electrolytic	A B
A symbol "C" or "K" is given at the 3rd digit of its Part Number like "VCC (o K).....J".					C217,218	VCTYPA1EX223M	J 0.022	μF,25V	A A
• Semiconductor type capacitor:					C219,220	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B
A symbol "T" is given at the 3rd digit of its Part Number like "VCT.....J".					C221,222	VCTYPA1EX332K	J 0.0033	μF,25V	A A
The capacitance error of each capacitor is indicated by the symbol given at the 13th digit of the Part Number as follows: "J" (±5%), "K" (±10%), "M" (±20%)					C223,224	VCTYMN1CX332K	J 0.0033	μF,16V	A A
"N" (±30%), "C" (±0.25 pF), "D" (±0.5 pF), "Z" (+80~20%).					C225,226	VCTYPA1EX183K	J 0.018	μF,25V	A A
(Tubular type ceramic capacitor is identified by the symbol TV(TQ/CY) of the part NO. VC00TV(TQ/CY)0000000; this TV(TQ/CY) does not mean the lead wire.					C227,228	VCKYMN1HB471K	J 470	pF,50V	A A
(Tubular type ceramic capacitor is identified by the symbol MF(MN) of the part NO. VC00MF(MN)0000000; this MF(MN) does not mean the lead wire					C231,232	VCKYMN1HB102K	J 0.001	μF,50V	A A
Unless otherwise specified, electrolytic capacitors are ±20% type.					C233,234	RC-GZA226AF1C	J 22	μF,16V,Electrolytic	A B
C1	VCCSMN1HL100J	J 10	pF,50V	AA	C235,236	VCTYPA1EX563K	J 0.056	μF,25V	A B
C2	VCKYMN1HB102K	J 0.001	μF,50V	A A	C237,238	VCTYMN1CX332K	J 0.0033	μF,16V	A A
C3	VCCSMN1HL4R7C	J 4.7	pF,50V	A A	C239,240	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B
C4	VCCCPA1HH220J	J 22	pF (CH),50V	A A	C241	RC-GZA106AF1C	J 10	μF,16V,Electrolytic	A B
C5	VCCCMN1HH150J	J 15	pF (CH),50V	A A	C242	VCTYPA1EX823K	J 0.082	μF,25V	A B
C6	VCCRMF1HH120J	J 12	pF (RH),50V	A A	C243	RC-GZA336AF1C	J 33	μF,16V,Electrolytic	A B
C7	VCCCMN1HH3R3C	J 3.3	pF (CH),50V	A A	C244	RC-GZA226AF1C	J 22	μF,16V,Electrolytic	A B
C8	VCTYMN1EF223Z	J 0.022	μF,25V	A A	C245	RC-GZA227AF1A	J 220	μF,10V,Electrolytic	A B
C9	VCCRMN1HH120J	J 12	pF (RH),50V	A A	C247,248	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B
C10,11	VCTYPA1EX472M	J 0.0047	μF,25V	A A	c249	RC-GZA107AF1A	J 100	μF,10V,Electrolytic	A B
C12	RC-GZA474AF1H	J 47	μF,50V,Electrolytic	A A	C250	RC-GZA475AF1E	J 4.7	μF,25V,Electrolytic	A B
C14	VCTYMN1EF223Z	J 0.022	μF,25V	A A	C251	VCKYPA1HB561K	J 560	pF,50V	A A
C15	VCKYMN1HB102K	J 0.001	μF,50V	A A	C252	VCTYPA1EX122K	J 0.0012	μF,25V	A B
C16	VCTYPA1EX333M	J 0.033	μF,25V	A A	C253	VQCPKA2AA562J	J 0.0056	μF,100V,	A A
C17	RC-GZA335AF1C	J 22	μF,16V,Electrolytic	A B	Polypropylene				
C18,19	VCTYMN1EF223Z	J 0.022	μF,25V	A A	C254	VQYKA1HM563K	J 0.056	μF,50V,Mylar	A B
C20	VCTYPA1EX473M	J 0.047	μF,25V	A A	C255	RC-GZA476AF1A	J 47	μF,10V,Electrolytic	A B
C21	VCTYMN1EF223Z	J 0.022	μF,25V	A A	C256	VCTYPA1EX103K	J 0.01	μF,25V	A A
C23	RC-GZA106AF1C	J 10	μF,16V,Electrolytic	A B	C301,302	VCTYMN1CY103K	J 0.01	μF,16V	A A
C24	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B	C303,304	VCTYMN1CX562K	J 0.0056	μF,16V	A A
C25	RC-GZA105AF1H	J 3.3	μF,50V,Electrolytic	A B	C305,306	VCTYMN1CX222K	J 0.0022	μF,16V	A A
C26	VQCSMA1HL102J	J 0.001	μF,50V,Styrol	A B	C307,308	VCKYMN1HB331K	J 330	pF,50V	A A
C27	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B	C309,310	VCTYMN1CY822K	J 0.0082	μF,16V	A A
C28	RC-GZA227AF1A	J 220	μF,10V,Electrolytic	A B	C311,312	VCTYMN1CX682K	J 0.0068	μF,16V	A A
C29,30	VCTYPA1EX272M	J 0.0027	μF,25V	A A	C313,314	VCTYMN1CX272K	J 0.0027	μF,16V	A A
C31,32	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B	C315,316	VCTYPA1EX223M	J 0.022	μF,25V	A A
C33,34	VCTYMN1EF223Z	J 0.022	μF,25V	A A	C317,318	RC-EZY224AF1H	J 0.22	μF,50V,Electrolytic	A B
C42	VCCSMN1HL300J	J 30	pF(SL),50V	A A	C319,320	VCKYMN1HB331K	J 330	pF,50V	A A
c43	VCKYMN1HB331K	J 330	pF,50V	A A	C321,322	VCTYMN1CX222K	J 0.0022	μF,16V	A A
					C323,324	RC-GZA154AF1H	J 0.15	μF,50V,Electrolytic	A A
					C325	RC-GZA107AF1A	J 100	μF,10V,Electrolytic	A B
					C401	RC-GZA107AF1E	J 100	μF,25V,Electrolytic	A B
					C402	RC-GZA476AF1C	J 47	μF,16V,Electrolytic	A B
					C405	RC-GZA476AF1A	J 47	μF,10V,Electrolytic	A B
					C406,407	VCTYMN1EF223Z	J 0.022	μF,25V	A A
					C408	VCKYMN1HB102K	J 0.001	μF,50V	A A
					c455	VCKYPA1HB102K	J 0.001	μF,50V	A A
					C601	RC-GZA337AF1E	J 330	μF,25V,Electrolytic	A C
					C602	RC-GZA474AF1H	J 0.47	μF,50V,Electrolytic	A A
					C607,608	RC-GZA105AF1H	J 1	μF,50V,Electrolytic	A B
					C609,610	VCKYMN1HB102K	J 0.001	μF,50V	A A
					C611,612	RC-GZA107AF1A	J 100	μF,10V,Electrolytic	A B
					C615,616	RC-GZA107AF1A	J 100	μF,10V,Electrolytic	A B
					C617,618	RC-GZV108AF1A	J 1000	μF,10V,Electrolytic	A D
					C619,620	RC-QZA184AFYK	J 0.18	μF,50V,Mylar	A C
					C623	RC-GZA476AF1A	J 47	μF,10V,Electrolytic	A B
					C624	RC-GZA226AF1A	J 22	μF,10V,Electrolytic	A B

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
C651~654	VCKZPA1HF103Z	J	0.01 μ F,50V	A A	RESISTORS				
C659	VCKZPA1HF223Z	J	0.022 μ F,50V	A A					
C660	RC-GZW478AF1E	J	4700 μ F,25V,Electrolytic	A G	(Unless otherwise specified, resistors are $\pm 5\%$ carbon type.) (Tubular type carbon film resistor $\pm 5\%$ is identified the symbol TV(TQ/CY) of the part NO. VRS-TV(TQ/CY)0000000; this TV(TQ/CY) does not mean lead wire.) (Tubular type carbon film resistor $\pm 5\%$ is identified the symbol MF(MN) of the part NO. VRD-MF(MN)0000000; this MF(MN) does not mean lead wire.)				
C661	VCKZPA1HF223Z	J	0.022 μ F,50V	A A					
C662	RC-GZA107AF1A	J	100 μ F,10V,Electrolytic	A B	VRD-MN2BD000C J 0 ohm, Jumper, $\phi 1.4 \times 3.5$ mm, ivory				
C663	VCTYMN1EF223Z	J	0.022 μ F,25V	A A					
C665	VCKZPA1HF223Z	J	0.022 μ F,50V	A A	R1	VRD-ST2CD100J	J	10 ohm,1/6W	A A
C666	RC-GZA226AF1A	J	22 μ F,10V,Electrolytic	A B	R2	VRD-MN2BD470J	J	47 ohms,1/8W	A A
C667	RC-GZA337AF1A	J	330 μ F,10V,Electrolytic	A B	R3	VRD-MN2BD104J	J	100 kohm,1/8W	A A
C668,669	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	R4	VRD-ST2CD104J	J	100 kohm,1/6W	A A
C670	RC-GZA226AF1A	J	22 μ F,10V,Electrolytic	A B	R5	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
C671	VCKZPA1HF223Z	J	0.022 μ F,50V	A A	R6	VRD-ST2CD471J	J	470 ohms,1/6W	A A
C701	VCKYMN1HB121K	J	120 pF,50V	A A	R7	VRD-ST2CD331J	J	330 ohms,1/6W	A A
C704	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R8	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
C710	VCKYMN1HB681K	J	680 pF,50V	A A	R10	VRD-MN2BD102J	J	1 kohm,1/8W	A A
C712	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R11	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
C716	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	R13	VRD-MN2BD224J	J	220 kohms,1/8W	A A
C723,724	VCKYTV1EF224Z	J	0.22 μ F,25V	A A	R14	VRD-ST2EE680J	J	68 ohms,1/4W	A A
C725,726	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R15,16	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A
C727,728	VCKYTV1EB223K	J	0.022 μ F,25V	A B	R17,18	VRD-ST2CD272J	J	2.7 kohms,1/6W	A A
C743,744	VCKYTV1EF224Z	J	0.22 μ F,25V	A A	R20	VRD-MN2BD152J	J	1.5 kohms,1/8W	A A
C750	VCTYMN1CX222K	J	0.0022 μ F,16V	A A	R21	VRD-MN2BD560J	J	56 ohms,1/8W	A A
C752	VCKRTV1CR104K	J	0.1 μ F,16V	A A	R22	VRD-ST2CD560J	J	56 ohms,1/6W	A A
c755	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R23	VRD-ST2CD560J	J	56 ohms,1/6W	A A
C756	VCTYMN1CX122K	J	0.0012 μ F,16V	A A	R32	VRD-MN2BD471J	J	470 ohms,1/8W	A A
c757	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R33	VRD-ST2CD330J	J	33 ohms,1/6W	A A
C758	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B	R201	VRD-MN2BD102J	J	1 kohm,1/8W	A A
C759	VCKYMN1HB561K	J	560 pF,50V	A A	R202,203	VRD-ST2CD102J	J	1 kohm,1/6W	A A
C760	VCKRTV1CR154K	J	0.15 μ F,16V	A B	R204	VRD-MN2BD102J	J	1 kohm,1/8W	A A
C761	VCKYTV1HB562K	J	0.0056 μ F,50V	A A	R205,206	VRD-MN2BD560J	J	56 ohms,1/8W	A A
C762	RC-GZA476AF1A	J	47 μ F,10V,Electrolytic	A B	R207,208	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
C763	VCKRTV1CR184K	J	0.18 μ F,16V	A C	R209,210	VRD-MN2BD154J	J	150 kohms,1/8W	A A
C764	VCKYMN1HB121K	J	120 pF,50V	A A	R211,212	VRD-MN2BD103J	J	10 kohm,1/8W	A A
C765	VCKRTV1CX563K	J	0.056 μ F,16V	A B	R213,214	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
C767	RC-GZA226AF1C	J	22 μ F,16V,Electrolytic	A B	R215,216	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A
C768	RC-GZA476AF1A	J	47 μ F,10V,Electrolytic	A B	R217,218	VRD-MN2BD182J	J	1.8 kohms,1/8W	A A
C769	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R219,220	VRD-ST2CD223J	J	22 kohms,1/6W	A A
C775	VCCSTV1HL221J	J	220 pF,50V	A A	R221,222	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A
C780	VCTYMN1CX222K	J	0.0022 μ F,16V	A A	R223,224	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
C783	VCKYTV1EB223K	J	0.022 μ F,25V	A B	R225,226	VRD-MN2BD561J	J	560 ohms,1/8W	A A
C784	VCKYMN1HB471K	J	470 pF,50V	A A	R227,228	VRD-MN2BD101J	J	100 ohm,1/8W	A A
C785	VCKRTV1CR124K	J	0.12 μ F,16V	A B	R229,230	VRD-MN2BD103J	J	10 kohm,1/8W	A A
C786	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B	R231,232	VRD-MN2BD123J	J	12 kohms,1/8W	A A
C787	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R233,234	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
C788	VCKYTV1CF105Z	J	1 μ F,16V	A B	R235	VRD-ST2CD104J	J	100 kohm,1/6W	A A
C789	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R236	VRD-ST2CD103J	J	10 kohm,1/6W	A A
c793	VCKYTV1HB102K	J	0.001 μ F,50V	A A	R237	VRD-MN2BD103J	J	10 kohm,1/8W	A A
C801	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R238	VRD-ST2CD684J	J	680 kohms,1/6W	A A
C817,818	VCKYTV1EB823K	J	0.082 μ F,25V	A B	R241	VRD-MN2BD123J	J	12 kohms,1/8W	A A
C829,830	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B	R242	VRD-ST2EE101J	J	100 ohm,1/4W	A A
C831,832	VCKYMN1HB102K	J	0.001 μ F,50V	A A	R243	VRD-MN2BD563J	J	56 kohms,1/8W	A A
C834	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R244	VRD-MN2BD104J	J	100 kohm,1/8W	A A
C835	RC-GZA107AF1A	J	100 μ F,10V,Electrolytic	A B	R245,246	VRD-MN2BD103J	J	10 kohm,1/8W	A A
C 8 3 7	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R251,252	VRD-MN2BD223J	J	22 kohms,1/8W	A A
C840	RC-GZA475AF1E	J	4.7 μ F,25V,Electrolytic	A B	R253	VRD-ST2EE4R7J	J	4.7 ohms,1/4W	A A
C883	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R254~256	VRD-ST2EE151J	J	150 ohms,1/4W	A A
C884	RC-GZA107AF1A	J	100 μ F,10V,Electrolytic	A B	R257	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
C887	VCKYTV1EF104Z	J	0.1 μ F,25V	A A	R258	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
C888	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	R262	VRD-ST2BD332J	J	3.3 kohms,1/8W	A A
C890	VCKYTV1EF473Z	J	0.047 μ F,25V	A B	R271	VRD-ST2HD270J	J	27 ohms,1/2W	A A
C899	VCKYMN1HB271K	J	270 pF,50V	A A	R272	VRD-ST2HD330J	J	33 ohms,1/2W	A A
C950	VCKYMN1HB681K	J	680 pF,50V	A A	R273	VRD-ST2CD120J	J	12 ohms,1/6W	A A
C951~953	VCTYMN1CY103K	J	0.01 μ F,16V	A A	R301,302	VRD-MN2BD333J	J	33 kohms,1/8W	A A
C954,955	VCKYMN1HB101K	J	100 pF,50V	A A	R303,304	VRD-MN2BD183J	J	18 kohms,1/8W	A A
C956	RC-EZD106AF1C	J	10 μ F,16V,Electrolytic	A B	R305,306	VRD-MN2BD223J	J	22 kohms,1/8W	A A
C957	VCTYMN0JY223N	J	0.022 μ F,6.3V	A A					
C958	RC-EZD106AF1C	J	10 μ F,16V,Electrolytic	A B					

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
R307,308	VRD-MN2BD393J	J	39 kohms,1/8W	A A	R728,729	VRS-TV2AB124J	J	120 kohms,1/10W	A A
R309~312	VRD-MN2BD153J	J	15 kohms,1/8W	A A	R730	VRS-TV2AB4R7K	J	4.7 ohms,1/10W,±10%	A A
R313~318	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A	R742	VRS-TV2AB4R7K	J	4.7 ohms,1/10W,±10%	A A
R319,320	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A	R744	VRS-TV2AB103J	J	10 kohm,1/10W	A A
R321~324	VRD-MN2BD822J	J	8.2 kohms,1/8W	A A	R747	VRS-TV2AB103J	J	10 kohm,1/10W	A A
R325,326	VRD-MN2BD122J	J	1.2 kohms,1/8W	A A	R749	VRS-TV2AB102J	J	1 kohm,1/10W	A A
R327,328	VRD-MN2BD684J	J	680 kohms,1/8W	A A	R750	VRD-MN2BD125J	J	1.2 Mohms,1/8W	A A
R329,330	VRD-MN2BD392J	J	3.9 kohms,1/8W	A A	R751	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R331,332	VRD-MN2BD102J	J	1 kohm,1/8W	A A	R752	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
R333,334	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A	R753	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R340	VRD-ST2CD122J	J	1.2 kohms,1/6W	A A	R754	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R341	VRD-MN2BD103J	J	10 kohms,1/8W	A A	R755	VRD-MN2BD105J	J	1 Mohm,1/8W	A A
R401	VRD-MN2BD273J	J	27 kohms,1/8W	A A	R756	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R402	VRD-ST2CD153J	J	15 kohms,1/6W	A A	R757	VRD-MN2BD223J	J	22 kohms,1/8W	A A
R403	VRD-ST2CD272J	J	2.7 kohms,1/6W	A A	R758	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R404	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R759	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R405	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A	R760	VRD-MN2BD183J	J	18 kohms,1/8W	A A
R407	VRD-ST2CD473J	J	47 kohms,1/6W	A A	R761	VRD-MN2BD153J	J	15 kohms,1/8W	A A
R409	VRD-MN2BD470J	J	47 ohm,1/8W	A A	R762	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R410	VRD-ST2EE391J	J	390 ohm,1/4W	A A	R763	VRS-TV2AB562J	J	5.6 kohms,1/10W	A A
△R412	VRG-ST2EG2R7J	J	2.7 ohms,1/4W,Fusible	A B	R764	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R415	VRD-ST2CD103J	J	10 kohm,1/6W	A A	R765	VRS-TV2AB153J	J	15 kohms,1/10W	A A
R416	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R766	VRD-MN2BD273J	J	27 kohms,1/8W	A A
R418	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A	R767	VRS-TV2AB823J	J	82 kohms,1/10W	A A
R419	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R768	VRS-TV2AB473J	J	47 kohms,1/10W	A A
R420	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A	R770	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A
R421	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A	R771	VRD-MN2BD183J	J	18 kohms,1/8W	A A
R450	VRD-ST2CD561J	J	560 ohms,1/6W	A A	R772	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R451,452	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A	R773	VRD-MN2BD331J	J	330 ohms,1/8W	A A
R453,454	VRD-MN2BD221J	J	220 ohms,1/8W	A A	R774	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R455,456	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R777	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A
R457,458	VRD-MN2BD272J	J	2.7 kohms,1/8W	A A	R779	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R459	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A	R781	VRD-MN2BD333J	J	33 kohms,1/8W	A A
R460	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A	R785	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R461	VRD-ST2CD221J	J	220 ohms,1/6W	A A	R786	VRS-TV2AB223J	J	22 kohms,1/10W	A A
R603	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A	R788	VRD-MN2BD124J	J	120 kohms,1/8W	A A
R604	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A	R790	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A
R605	VRD-MN2BD104J	J	1 0 0 kohm,1/8W	A A	R793,794	VRD-MN2BD225J	J	2.2 Mohms,1/8W	A A
R607,608	VRD-MN2BD333J	J	33 kohms,1/8W	A A	R795~797	VRS-TV2AB561J	J	560 ohms,1/10W	A A
R609,610	VRD-MN2BD271J	J	270 ohms,1/8W	A A	R801	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R619,620	VRD-ST2EE121J	J	120 ohms,1/4W	A A	R813,814	VRS-TV2AB471J	J	470 ohms,1/10W	A A
R624	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R815,816	VRS-TV2AB181J	J	180 ohms,1/10W	A A
R625	VRD-MN2BD104J	J	100 kohm,1/8W	A A	R817,818	VRS-TV2AB105J	J	1 Mohm,1/10W	A A
R626	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R833,834	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R627,628	VRD-MN2BD683J	J	68 kohms,1/8W	A A	R835,836	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R629	VRD-ST2CD563J	J	56 kohms,1/6W	A A	R839	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A
R633,634	VRD-ST2EE221J	J	220 ohms,1/4W	A A	R840	VRD-MN2BD101J	J	100 ohm,1/8W	A A
R635	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A	R891	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R636	VRD-MN2BD104J	J	100 kohm,1/8W	A A	R901	VRD-MN2BD181J	J	180 ohms,1/8W	A A
R651	VRD-ST2EE681J	J	680 ohms,1/4W	A A	R951,952	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R652	VRD-ST2EE101J	J	100 ohm,1/4W	A A	R953,954	VRD-MN2BD152J	J	1.5 kohms,1/8W	A A
△R653	VRG-ST2EG3R3J	J	3.3 ohms,1/4W,Fusible	A B	R955,956	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A
R654	VRD-ST2EE331J	J	330 ohms,1/4W	A A	R957,958	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A
R656	VRD-ST2CD470J	J	47 ohms,1/6W	A A	R959	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R657	VRD-MN2BD331J	J	330 ohms,1/8W	A A	R961	VRD-MN2BD272J	J	2.7 kohms,1/8W	A A
R700	VRD-MN2BD105J	J	1 Mohm,1/8W	A A	R962~964	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R702	VRD-MN2BD104J	J	100 kohm,1/8W	A A	R965	VRD-MN2BD105J	J	1 Mohm,1/8W	A A
R704,705	VRD-MN2BD473J	J	47 kohms,1/8W	A A	R966	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R706	VRD-MN2BD104J	J	100 kohm,1/8W	A A	R967	VRD-MN2BD222J	J	2.2 kohms,1/8W	A A
R707	VRD-MN2BD2R2J	J	2.2 ohms,1/8W	A A	R968	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R709	VRS-TV2AB824J	J	820 kohms,1/10W	A A	R969	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R710	VRD-MN2BD274J	J	270 kohms,1/8W	A A	R970	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R711	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R971	VRD-MN2BD223J	J	22 kohms,1/8W	A A
R712	VRD-MN2BD223J	J	22 kohms,1/8W	A A	R972	VRD-MN2BD153J	J	15 kohms,1/8W	A A
R713	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R973	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R714	VRD-MN2BD223J	J	22 kohms,1/8W	A A	R974	VRD-MN2BD153J	J	15 kohms,1/8W	A A
R715	VRD-MN2BD823J	J	82 kohms,1/8W	A A	R975,976	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R716	VRD-MN2BD2R2J	J	2.2 ohms,1/8W	A A	R977	VRD-MN2BD123J	J	12 kohms,1/8W	A A
R718,719	VRD-MN2BD473J	J	47 kohms,1/8W	A A	R978,979	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R720,721	VRD-MN2BD154J	J	150 kohms,1/8W	A A					

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
OTHER CIRCUITRY PARTS									
BI301A/B/CNS301	92LC0NW6T1596A	J	Connector Ass'y,3-4-6Pin	AM	SW959	92LSWiCH-1504A	J	Switch,Key Type [RANDOM]	AG
BI651A/B	92LC0NW3T1596A	J	Connector Ass'y,3-3Pin	AD	SW961	QSW-F0317AFZZ	J	Switch,Leaf Type [OPEN/CLOSE]	AC
BI652/CNS652	92LC0NW2T1596A	J	Connector Ass'y,2-2Pin	AD	TP751	92LC0N7PTXLPB1	J	Plug,7Pin	AL
BI720/CNS720	92LM-C0NE1595C	J	Connector Ass'y,6-6Pin	AD	DECK MECHANISM PARTS				
BI881A/B/CNS881	92LC0NW7T1596A	J	Connector Ass'y,3-4-7Pin	AK	1	94R192114318	J	Base Ass'y	AG
CNP201	QCNCM742CAFZZ	J	Plug,3Pin	AA	2	94R19211409	J	Plate,Switch Actuator	AD
CNP202	QCNCM742EAFZZ	J	Plug,5Pin	AB	3	94R19211408	J	Actuator,Push Button	AD
CNP301	QCNCM742FAFZZ	J	Plug,6Pin	AB	4	94R19211422	J	Lever,Record Button	AC
CNP401	QCNCM742KAFZZ	J	Plug,10Pin	AC	5	94R19211423	J	Lever,Play Button	AC
CNP652	92LC0NE-2P5045	J	Plug,2Pin	AA	6	94R19211424	J	Lever,REW Button	AC
CNP720	QCNCM687FAFZZ	J	Plug,6Pin	AB	7	94R19211425	J	Lever,FF Button	AC
CNP881	92LC0NE7P53015	J	Plug,7Pin	AC	8	94R19211466	J	Lever,Stop Button	AC
CNP951	92LC0NEJP9603S	J	Socket,18Pin,Wire Trap	AE	9	94819211461	J	Lever,Pause Button	AC
CNS201	92LM-C0NE1600B	J	Connector Ass'y,3Pin	AG	10	94R19211413A	J	Spring,Pause Control	AB
CNS202	92LM-C0NE1596C	J	Connector Ass'y,5Pin	AK	11	94R19211455	J	Lever,Pause	AA
CNS302	QCNCM585FAFZZ	J	Socket,6Pin,Wire Trap	AD	12	94R19211412	J	Spring,Pause Lever	A%
CNS401	92LM-C0NE1600A	J	Connector Ass'y,10Pin	AK	13	94R19211411	J	Stopper,Pause	AC
CNS700	QCNCW620RAFZZ	J	Socket,16Pin,Wire Trap	AE	14	94R19211414	J	Spring,Button Lever	AB
CNS951	92LC0N18P9602S	J	Socket,18Pin,Wire Trap	AE	15	94R192101501	J	Main Chassis Ass'y	AU
CNS971	92LC0NE4P52151	J	Socket,4Pin,Wire Trap	AD	16	94R19211416	J	Spring,E Actuator	AB
△F651	92LFUSE-T202-E	J	Fuse,T2A	AD	17	94R19211417	J	Spring,P.S.Lever	AB
△F652	0FS-F501AAFNX	J	Fuse,T500mA	AG	19	94R19211464	J	Lever,E Kick	AC
J451	QJAKZ0213AFZZ	J	Jack,CD Output	AC	20	94R19211420	J	Stopper,PR	AC
J601	92LJACK-1217A	J	Jack,Phones	AE	21	94R19211421	J	Spring,Record Button Lever	AB
J602	QTANZ0468AFZZ	J	Terminal,Ext.Speaker	AE	22	94R19211415	J	Spring,Button Lever	AB
LCD951	92LLCD-1596A	J	LCD,Display	AS	25	94R19210314	J	Panel,Head	AD
M401	94R185114337	J	Motor With Pulley [Tape]	AW	27	94R19210306	J	Base,Head,Tape 2	AD
M701	92LMTR1651BASY	J	Motor with Gear [Slide]	AP	28	94R18210308	J	Spring,Erase Head	AB
M702	92LMTR1651CASY	J	Motor with Chassis [Spin]	AP	29	94R19210303	J	Spring,Head Panel	AB
△SO651	0S0CA0187AFZZ	J	AC Input Socket	AG	30	94R19211418A	J	Spring,M Control	AB
SP1,2	RALMBO 101AFZZ	J	Tweeter	AB	31	94R19211434	J	Arm,Pause	AC
SP3,4	92LSP-1596A	J	Woofers	AW	32	94R19211437	J	Collar,Pause Arm	AA
SW1	QSW-B0308AFZZ	J	Switch,Slide Type [BAND]	AH	34	94R18210307	J	Spring,Head Azimuth	AB
SW201	92LSWiCH-1596B	J	Switch,Slide Type [REC./P.B.]	AG	35	94R192104312	J	Arm Ass'y,Pinch Roller	AH
SW202	QSW-S0719AFZZ	J	Switch,Slide Type [DUBBING SPEED]	AD	37	94R19212604A	J	Lever,Sensing	AC
SW203	QSW-S0719AFZZ	J	Switch,Slide Type [FM Mode/Type Selector]	AD	38	94R192107302	J	REW/FF Clutch Ass'y	AK
SW251	92LSWiCH-1569A	J	Switch,Slide Type [BEAT CANCEL]	AD	39	94R19210703	J	Belt,FF/REW	AE
SW401	94R640101172	J	Switch,Leaf Type [Tape1 Main]	AE	44	94R192109303	J	Flywheel Ass'y	AL
SW402	94R640101134	J	Switch,Leaf Type [Tape2 Main]	AE	45	94R19212605	J	Spring,Gear Plate	AB
SW403	94R64030204	J	Switch,Slide Type [Tape1 Direction]	AG	46	94R192126503	J	Gear Plate Ass'y	AF
SW404	94R640101104	J	Switch,Leaf Type [Tape2 Stop]	AE	47	94R19212602	J	Gear,Cam	AC
SW405	94R64010138	J	Switch,Leaf Type [Tape1 Play]	AE	49	94R18211070	J	Gear,FF	AC
SW651	92LSWiCH-1596A	J	Switch,Slide Type [FUNCTION]	AK	50	94R18211099	J	Spring,Back Tension	AB
SW702	QSW-P0920AFZZ	J	Switch,Push Type [Pickup In]	AC	51	94R192105304	J	Reel Ass'y,Supply	AG
SW951	92LSWiCH-1504A	J	Switch,Key Type [PLAY]	AG	52	94R192105303	J	Reel Ass'y,Take Up	AG
SW952	92LSWiCH-1504A	J	Switch,Key Type [STOP]	AG	53	94R19210506	J	Sensor	AC
SW953	92LSWiCH-1504A	J	Switch,Key Type [FWD]	AG	55	94R18511407	J	Bracket,Motor	AG
SW954	92LSWiCH-1504A	J	Switch,Key Type [REV]	AG	56	94R18211266	J	Rubber,Motor	AA
SW955	92LSWiCH-1504A	J	Switch,Key Type [PAUSE]	AG	57	94R18511418	J	Screw,Motor	AA
SW956	92LSWiCH-1504A	J	Switch,Key Type [MEMORY]	AG	59	94R182112173	J	Belt,Main	AH
SW957	92LSWiCH-1504A	J	Switch,Key Type [CLEAR]	AG	62	94R19211302	J	Slide Lever,Eject	AC
SW958	92LSWiCH-1504A	J	Switch,Key Type [CALL]	AG	63	94R18211069	J	Lever,Record Safety	AC
					64	94R18291001	J	Spring,Pack	AC
					66	94R620101104	J	Head,Record/Playback	AQ
					67	94R62011408	J	Head,Erase	AL
					69	94R18213107	J	Lever,Button	AC
					70	94R18293103	J	Shaft,Button Lever	AD
					71	94R19213101	J	Frame,Button	AE
					73	94R96790000	J	Screw,φ2×5mm	AA
					74	94R99991809	J	Screw,φ2×4.5mm	AA
					76	94R91790000	J	Screw,φ2×3mm	AA
					77	94R91150000	J	Screw,φ2×3mm	AA
					78	94R99220000	J	Screw,φ2×7mm	AA
					79	94R99991402	J	Screw,φ2×8mm	AA
					80	94R91780000	J	Screw,φ2×3mm	AA
					81	94R98210000	J	Screw,φ2×8mm	AA

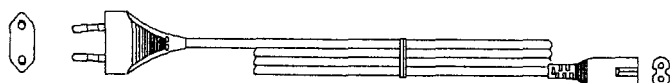
REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
83	94R94220000	J	Washer, $\phi 1.2 \times \phi 3.8 \times 0.3\text{mm}$	A A	191	94R18510705	J	Collar, FF Gear Arm	A B
84	94R99990313	J	Washer, $\phi 1.45 \times \phi 3.8 \times 0.5\text{mm}$	A A	192	94R185108301	J	FF Gear Arm Ass'y, REW	A F
85	94R97860000	J	Washer, $\phi 2 \times \phi 3.5 \times 0.3\text{mm}$	A A	194	94R185109501	J	Pinch Roller Ass'y, FF	A H
86	94R99990003	J	Washer, $\phi 2.1 \times \phi 4 \times 0.13\text{mm}$	A A	195	94R185110501	J	Pinch Roller Ass'y, REW	A H
87	94R99992041	J	Screw, $\phi 2 \times 3\text{mm}$	A A	401	94R19211225	J	Lever, Pause Kick	A C
101	94R185101301	J	Main Chassis Ass'y	A U	402	94R18511406	J	Lever, Pause Kick	A C
102	94R18210115	J	Lever, Pause	A C	403	94R91820000	J	Screw, $\phi 2 \times 6\text{mm}$	A A
103	94R18210116	J	Spring, Pause Lever	A B	404	94R18211265	J	Collar	A A
104	94R18291001	J	Spring, Pack	A C	405	94R18511404	J	Spring, Pause Kick Lever	A C
108	94R18510455	J	Screw, Panel Head	A C	410	94R182112109	J	Felt, Vibration	A A
109	94R18510408	J	Plate, Release	A D	411	94R18001084	J	Felt, Vibration	A A
110	94R18510409	J	Spring, R.C. Plate	A A	415	94R91780000	J	Screw, $\phi 2 \times 3\text{mm}$	A A
111	94R18510410	J	Spring, R.C.	A A	416	94R99992024	J	Screw, $\phi 2 \times 8\text{mm}$	A A
112	94R18510401	J	Panel, Head	A E	417	94R96740000	J	Tapping Screw, $\phi 2 \times 6\text{mm}$	A A
113	94R18510402	J	Plate, R.C.	A E	418	94R9C1917303	J	Screw, $\phi 1.7 \times 3\text{mm}$	A A
114	94R18510403	J	Tape Guide	A D	419	94R98760000	J	Washer, $\phi 2.1 \times \phi 5 \times 0.5\text{mm}$	A A
116	94R18511601	J	Bracket, Switch	A D	421	94R9C1917403	J	Screw, $\phi 1.7 \times 4\text{mm}$	A A
119	94R18510405	J	Plate, Head Spring	A D	423	94R97860000	J	Washer, $\phi 2 \times \phi 3.5 \times 0.3\text{mm}$	A A
123	94R18510406	J	Spring, Pinch Roller, FF	A A	424	94R98890000	J	Washer, $\phi 2.1 \times \phi 3 \times 0.3\text{mm}$	A A
124	94R18510407	J	Spring, Pinch Roller, REW	A A	425	94R99990309	J	Washer, $\phi 1.45 \times \phi 4 \times 0.5\text{mm}$	A A
127	94R62010721	J	Head, Playback	A W	426	94R94210000	J	Washer, $\phi 1.2 \times \phi 3 \times 0.25\text{mm}$	A A
130	94R185112501	J	Flywheel Ass'y	A L	427	94R98880000	J	Washer, $\phi 1.2 \times \phi 3 \times 0.4\text{mm}$	A A
132	94R18211223	J	Screw, P Kick Lever	A A	428	94R99990009	J	Washer, $\phi 3.1 \times \phi 8.5 \times 0.13\text{mm}$	A A
133	94R182112142	J	Main Belt	A H	429	94R9C2017851	J	Screw, $\phi 1.7 \times 8.5\text{mm}$	A A
134	94R18511703	J	Lever, Eject Slide	A C	430	94R99991302	J	Screw, $\phi 2 \times 9\text{mm}$	A A
135	94R18511702	J	Spring, Eject Slide Lever	A A	431	94R91810000	J	Screw, $\phi 2 \times 5\text{mm}$	A A
137	94R185102304	J	Lever, Program Button	A E	432	94R99990013	J	Washer, $\phi 1.75 \times \phi 4 \times 0.3\text{mm}$	A A
138	94R185102309	J	Lever, Mode Button	A E	434	94R91800000	J	Screw, $\phi 2 \times 4\text{mm}$	A A
139	94R18510232	J	Lever, Play Button	A C	435	94R95020000	J	Ring, "E" Type, $\phi 2\text{mm}$	A A
140	94R18510235	J	Lever, FF Button (REW)	A C	436	94R90790000	J	Screw, $\phi 2 \times 6\text{mm}$	A A
141	94R18510234	J	Lever, FF Button (FF)	A C	437	94R99992007	J	Screw, $\phi 2 \times 4.5\text{mm}$	A A
142	94R18510231	J	Lever, Stop Button	A C	438	94R96920000	J	Screw, $\phi 1.7 \times 2.5\text{mm}$	A A
143	94R18510222	J	Spring, Program/Mode Button/FF Switch Plate Lever	A A	439	92LM-ANG1535A	J	Bracket, Button	A B
144	94R18510224	J	Spring, FF Button Lever	A A	M401	94R185114337	J	Motor with Pulley	A W
145	94R18510227	J	Spring, Mode Button Lever	A A	SW401	94R640101172	J	Switch, Leaf Type [Tape 1 Main]	A E
149	94R185102301	J	Lock Actuator Ass'y	A H	SW402	94R640101134	J	Switch, Leaf Type [Tape 2 Main]	A E
150	94R18510217	J	Plate Slide	A D	SW403	94R64030204	J	Switch, Slide Type [Tape 1 Direction]	A G
151	94R18510220	J	Spring, Lock Release	A A	SW404	94R640101104	J	Switch, Leaf Type [Tape 2 Stop]	A E
152	94R18510226	J	Spring, Switch Actuator	A B	SW405	94R64010138	J	Switch, Leaf Type [Tape 1 Play]	A E
153	94R185102501	J	Button Base Ass'y	A H	CD MECHANISM PARTS				
154	94R18510221	J	Spring, Stop Button Lever	A A	301	MSPRC0798AFZZ	J	Spring, Rack	A A
156	94R18510242	J	Spring, Button Lever	A A	302	NGERH0381AFZZ	J	Gear, Middle	A C
157	94R185102302	J	Switch Actuator Ass'y	A G	303	NGERH0382AFZZ	J	Gear, Drive	A B
158	94R18510225	J	Spring, Lock Actuator	A A	304	NGERR0036AFZZ	J	Gear, Rack, Fix	A B
163	94R185111301	J	Plate, Reel Ass'y	A G	305	NGERR0037AFZZ	J	Gear, Rack, Move	A B
164	94R185111501	J	Reel Ass'y	A N	306	NSFTM0237AFFW	J	Shaft, Guide	A C
165	94R185118305	J	Sub Chassis Ass'y	A N	307	PC0VP3207AFSA	J	Cover, CD Mechanism	A D
166	94R18511804	J	RC Arm	A B	308	PCUSG0427AFSC	J	Cushion	A C
167	94R18511805	J	Arm, Auto Control, FF	A C	△310	RCTRH8134AFZZ	J	Pickup Unit	B H
168	94R18511806	J	Arm, Auto Control, REW	A C	311	QPWBH0180AFZZ	J	Flexible PWB	A G
169	94R18511812	J	Screw, Auto Control Arm	A C	701	LX-HZ0217AFFD	J	Screw, $\phi 2.6 \times 8\text{mm}$	A A
172	94R18512001	J	Lever, Auto, FF	A D	702	XBPSD20P03000	J	Screw, $\phi 2 \times 3\text{mm}$	A A
173	94R18512003	J	Spring, Auto Lever, FF	A A	703	XBPSD26P06J00	J	Screw, $\phi 2.6 \times 6\text{mm}$	A A
174	94R18512005	J	Stopper, Spring	A B	M701	92LMTR1651BASY	J	Motor with Gear [Slide]	A P
175	94R18512002	J	Lever, Auto, REW	A C	M702	92LMTR1651CASY	J	Motor with Chassis [Spin]	A P
176	94R18512004	J	Spring, Auto Lever, REW	A A	CABINET PARTS				
178	94R18510301	J	Arm, Turn Over	A C	201	92LCAB1685A-S1J	J	Front Cabinet Ass'y	A Y
179	94R18510302	J	Spring, Turn Over Arm	A A	201-1			Front Cabinet (Not Replacement Item)	—
180	94R18511602	J	Plate, FF Switch	A C	201-2	92LPANEL1683B	J	Panel, Dial Window	A D
182	94R185105302	J	T Gear Arm Ass'y, FF	A P					
183	94R18510504	J	Spring, T Gear Arm, FF	A A					
184	94R18510503	J	Gear, T Cam, FF	A D					
185	94R185106302	J	T Gear Arm Ass'y, REW	A F					
186	94R18510603	J	Spring, T Gear Arm, REW	A A					
187	94R18510602	J	Gear, T Cam, REW	A D					
188	94R185107301	J	FF Gear Arm Ass'y, FF	A F					
189	94R18510703	J	FF Gear	A C					
190	94R18510704	J	Spring, FF Gear Arm	A A					

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
201-3	92LKN0B1683A	J	Button,CD Function	A E	257	92LM-BTN1683B	J	Button,Play [T a p e 2]	A C
201-4	92LPANEL1683A	J	Panel,CD Display	A E	258	92LM-BTN1683C	J	Button,Rewind [T a p e 2]	A C
201-5	92LPANEL1596F	J	Decoration Panel,Insulator	A B	259	92LM-BTN1683D	J	Button,First Forward	A C
202	92LMEC1685CTS1	J	Cassette Holder Ass'y	A L				[Tape 2]	
202-1	—	—	Cassette Holder [Tape 1] (Not Replacement Item)	—	260	92LM-BTN1683E	J	Button,Stop/Eject [Tape 21	A C
202-2	92LCT-C0V1685A	J	Cover,Cassette Holder	A E	261	92LM-BTN1683F	J	Button,Pause [Tape 21	A C
			[Tape 11		262	92LM-BTN1685B	J	Button,Play [Tape 11	A C
202-3	92LPANEL1685A	J	Panel,Cassette Holder	A D	263	92LM-BTN1683H	J	Button,Rewind [T a p e 1]	A C
			Cover [Tape 1]		264	92LM-BTN1683i	J	Button,First Forward	A C
203	92LMEC1685CTS2	J	Cassette Holder Ass'y	A L				[Tape 11	
			[Tape 2]		265	92LM-BTN1683J	J	Button,Stop/Eject [T a p e 1]	A C
203-1	—	—	Cassette Holder Ass'y	—	266	92LM-BTN1683K	J	Button,Pause [T a p e 1]	A C
			[Tape 2] (Not Replacement Item)		270	92LLABL1420A1	J	Label CLASS-I	A C
203-2	92LCT-C0V1685B	J	Cassette Holder [Tape 2]	A E	271	92LC0V1685A	J	Cover,Voltage Selector	A B
203-3	92LPANEL1683D	J	Panel,Cassette Holder	A D	272	92LKN0B1597A	J	Knob,Band	A B
			Cover [Tape 2]		273	92LLEV1597A	J	Lever,Band Knob	A B
204	92LBSPR1401A	J	Spring,Battery,+/-	A C	274	92LH0LD1597A	J	Adaptor Band Knob Lever	A B
205	92LC0N18S1596A	J	Connector Flat Cable,18 Pin	A G	275	92LKN0B751A	J	Knob Fine Tuning	A B
206	92LH0LD1596A	J	Holder,LCD	A C	276	92LSHLD1597A	J	Shield,Power Transformer	A A
207	92LH0LD-1596B	J	Holder,LED	A B	277	92LCUSN1609A	J	Cushion,Power Transformer	A A
A208	QFSHD2104AFZZ	J	Fuse Holder	A A				Shield	
209	92LRDAT-1596A	J	Heat Sink	A H	278	92LM-BTN1685A	J	Button,Reverse Mode	A C
210	92LSHLD-1683A	J	Shield,Graphic EQ .	A D				[TAPE1]	
211	92LTiP-1596A	J	Tip with Wire	A B	601	92L3TBS+8BZ	J	Screw,φ3×8mm	A A
212	92LN-BAND1318A	J	Nylon Band,100 mm	A A	602	92L3PTS+10BZ	J	Screw,φ3×10mm	A A
214	92LCSPR1596A	J	Spring,Cassette Holder Up	A A	603	92L3PTS+12BB	J	Screw,φ3×12mm	A A
215	MLiFP0030AFZZ	J	Damper	A E	604	92L3PTS+65BZM	J	Screw,φ3×65mm	A B
216	92LSUPT1535F	J	Bracket,Damper	A A	605	92L4PTS+12BZ	J	Screw,φ4×12mm	A A
217	92LBSPR1595C	J	Spring,Battery,-	A B	606	92L3R2W15-R8S	J	Washer,φ3.2×φ15×0.8mm	A A
218	92LDSTR1596AS1	J	Dial Cord Ass'y	A C	607	92L2R6PTS+10BZ	J	Screw,φ2.6×10mm	A A
219	92LSCHS1596AS1	J	Tuner Frame	A K	608	92L2R8W12-R8S	J	Washer,φ2.8×φ12×0.8mm	A A
220	92LSHAFT1596A	J	Shaft,Tuning	A C	609	92L3R2W13-R1S	J	Washer,φ3.2×φ13×0.1mm	A A
221	92LR0LL009	J	Pulley	A B	610	92L3SPW	J	Washer,φ3mm	A A
222	92LPiNT1683A	J	Dial Pointer	A C	612	92L2TTS+3PZ	J	Screw,φ2×3mm	A A
223	92LWHEL1342A	J	Drum	A B	613	92L3PTS+8BZ	J	Screw,φ3×8mm	A A
224	92LM-LEV1596A	J	Lever,Record Interlocking	A D	614	92LE3	J	Washer,"E" Ring,φ3mm	A A
227	92LCSPR1596B	J	Spring,Record	A C	615	92LS2R6S261A	J	Screw,φ2.6×8mm	A A
228	92LCAB1685B-GY	J	Rear Cabinet	A T	616	92L3PTS+20BZ	J	Screw,φ3×20mm	A A
229	92LKN0B1596A	J	Knob,Volume	A C	617	92L3PTS+12BZ	J	Screw,φ3×12mm	A A
230	92LKN0B1596B	J	Knob,Tuning	A C	618	92L4PTS+10BZ	J	Screw,φ4×10mm	A A
231	92LKN0B1596C	J	Knob,Function/Dubbing/FM	A E	619	92L3R2W14-1S	J	Washer,φ3.2×φ14×1mm	A A
			Mode Speed		620	92LS2S158A	J	Special,Screw,AC Cover	A A
232	92LCAB1683C-GY	J	Top Cabinet	A Q	621	92L2N1R6T	J	Nut	A A
233	92LCSPR1596C	J	Spring,CD Lid Up	A D	622	92L2S-5BZ	J	Screw,φ2×5mm	A A
234	92LMAG1651AS1	J	Magnet Ass'y	A H				ACCESSORIES/PACKING PARTS	
235	MLiFP0061AFZZ	J	CD Damper	A F	92LBAG002C	J	Polyethylene Bag,AC Power	A A	
236	92LHNDL1683AS1	J	Handle Ass'y	A K				Supply Cord	
237	92LKN0B1596D	J	Button,CD Eject	A B	92LBAG1598A	J	Polyethylene Bag,Unit	A B	
238	92LLEV1524B	J	Lever,CD Eject	A B	92LBAG1609A	J	Polyethylene Bag,Speaker	A A	
239	92LCL iD1683AS1	J	CD Lid Ass'y	A L	92LBAG760C	J	Polyethylene Bag,AC Plug	A A	
239-1	—	—	CD Lid(Not Replacement Item)	—				Adapter	
239-2	92LPANEL1683E	J	Panel,CD Lid	A D	92LC0RD-019E	J	AC Power Supply Cord	A K	
240	92LR-ANT258A	J	Rod Antenna	A L				[Except For Saudi Arabia/Australia]	
241	92LSPEC1685A	J	Label,Specifications	A D	92LC0RD-577A	J	AC Power Supply Cord	A N	
242	92LLiD1683A-GY	J	Battery Lid	A K				[For Saudi Arabia]	
243	92LATML1491A	J	Terminal,Rod Antenna	A B	92LC0RD750A	J	AC Power Supply Cord	A M	
244	92LLEV1596A	J	Lever,Record	A C				[For Australia/Newzealand]	
250	92LSCAB1683AS1	J	Speaker Front Cabinet Ass'y	A X	92LG-CARD1238A	J	Warranty Card [Except For	A C	
250-1	—	—	Speaker Front Cabinet(Not Replacement Item)	—				Australia/Newzealand]	
250-2	92LLABL1596B	J	Label,X-BASS	A B	92LG-CARD1266D	J	Warranty Card [For	A B	
251	92LSCAB1683BGY	J	Speaker Rear Cabinet	A V				Australia/Newzealand]	
253	92LSPC0RD1418A	J	Speaker Cord	A E	92LiNST1685A	J	Operation Manual	A P	
254	92LH0LD1683A	J	Adapter,CD PWB	A B	92LLABL055B	J	Label,Made,in Malaysia	A A	
256	92LM-BTN1683A	J	Button,Record [T a p e 2]	A C	92LLABL1683A	J	Feature Label	A F	
					92LLABL1683C-L	J	Label,Left	A A	
					92LLABL1683D-R	J	Label,Right	A A	
					92LP-AD1683A	J	Packing Add. Unit	A L	

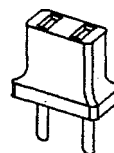
REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
	92LP-AD1683BB	J	Packing Add., Speaker, Bottom	A G	P.W.B. ASSEMBLY (Not Replacement item)				
	92LP-AD1683BT	J	Packing Add., Speaker, Top	A G	PWB-AI-5	92LPWB1685MANS J		Main/Power/Graphic EQ./ Volume/	—
	92LP-CASE1685A	J	Packing Case	A T				Battery, For Australia only (Combined Assy)	
⚠	92LPLUG027	J	AC Plug Adaptor	A D	PWB-B	QPWBF3368AFZZ J		Motor (PWB Only)	A B
⚠	92LPLUG155A	J	AC Plug Adaptor	A G	PWB-C	92LPWB1683CDUS J		CD Servo, For Australia only	—
					PWB-D1,2	92LPWB1683DPLS J		LCD/Switch, For Australia only (Combined Assy)	—

AC POWER SUPPLY CORD AND AC PLUG ADAPTOR

92LCōRD-019E



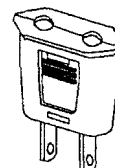
92LPLUG027



92LCōRD-577A



92LPLUG155A



92LCōRD750A

