

JVC

SERVICE MANUAL

STEREO CASSETTE DECK

MODEL **KD-V400** A/B/C/E/ED/J/U/NA
NB/NC/NE/NJ/NED



Contents

	Page		Page
Safety Precautions	2	Integrated Circuit	15
Features	3	Wiring Connections	16
Specifications	3	P.C. Board Parts and Parts List	
Names of Control and Their Functions	4	L.C.D P.C. Board	17
Location of Main Parts	5	DOLBY NR P.C. Board	17
Removing the Main Parts	6	Main P.C. Board	18
Main Adjustments	8	Exploded View of Mechanism Assembly	20
Block Diagram	12	Mechanism Assembly Parts List	21
Standard Schematic Diagram of KD-V400 (Amplifier Circuit)	13	Exploded View of Enclosure Assembly	22
Standard Schematic Diagram of KD-V400 (Mechanism Control Circuit)	14	Enclosure Assembly Parts List	23
Standard Schematic Diagram of KD-V400 (L.C.D Circuit)	15	Packing and Packing Parts List	25
		Accessories	Back Cover

Safety Precautions

1. The design of this product contains special hardware. Many circuits and components specially for safety purposes.

For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by (\triangle) on the schematics and parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list in Service manual may create shock, fire, or other hazards.

4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and/or the like to be separated from live parts, high temperature part, moving parts and/or sharp edges for the prevention of electric shock and fire hazard.

When service is required, the original lead routing and dress should be observed, and they should be confirmed to be returned to normal, after re-assembling.

5. Leakage current check

(Safety for electrical shock hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the Products (antenna terminals, knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5 mA AC (r.m.s.).

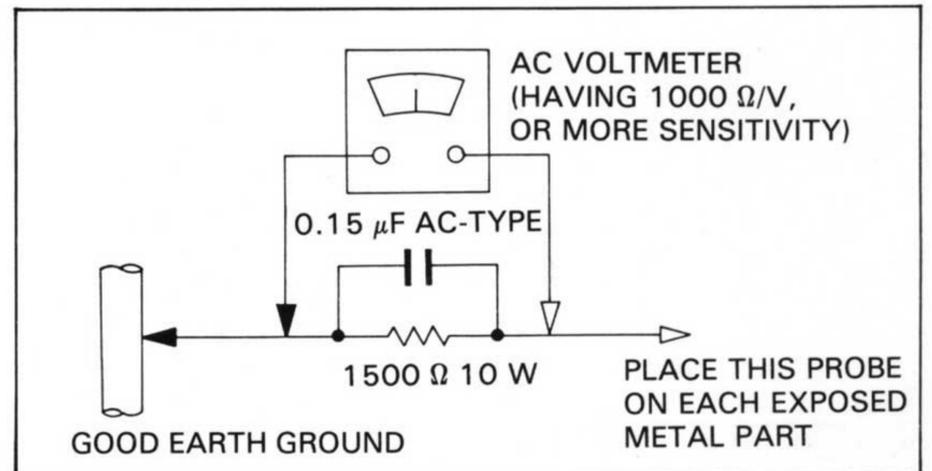
- Alternate check method.

Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1500 Ω 10 W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.).

Measure the AC voltage across the resistor with the AC voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75 V AC (r.m.s.).

This corresponds to 0.5 mA AC (r.m.s.).



Name of Controls and Their Function

Models KD-V400 and V400N have exactly the same functions and performance; the only difference is the external appearance.

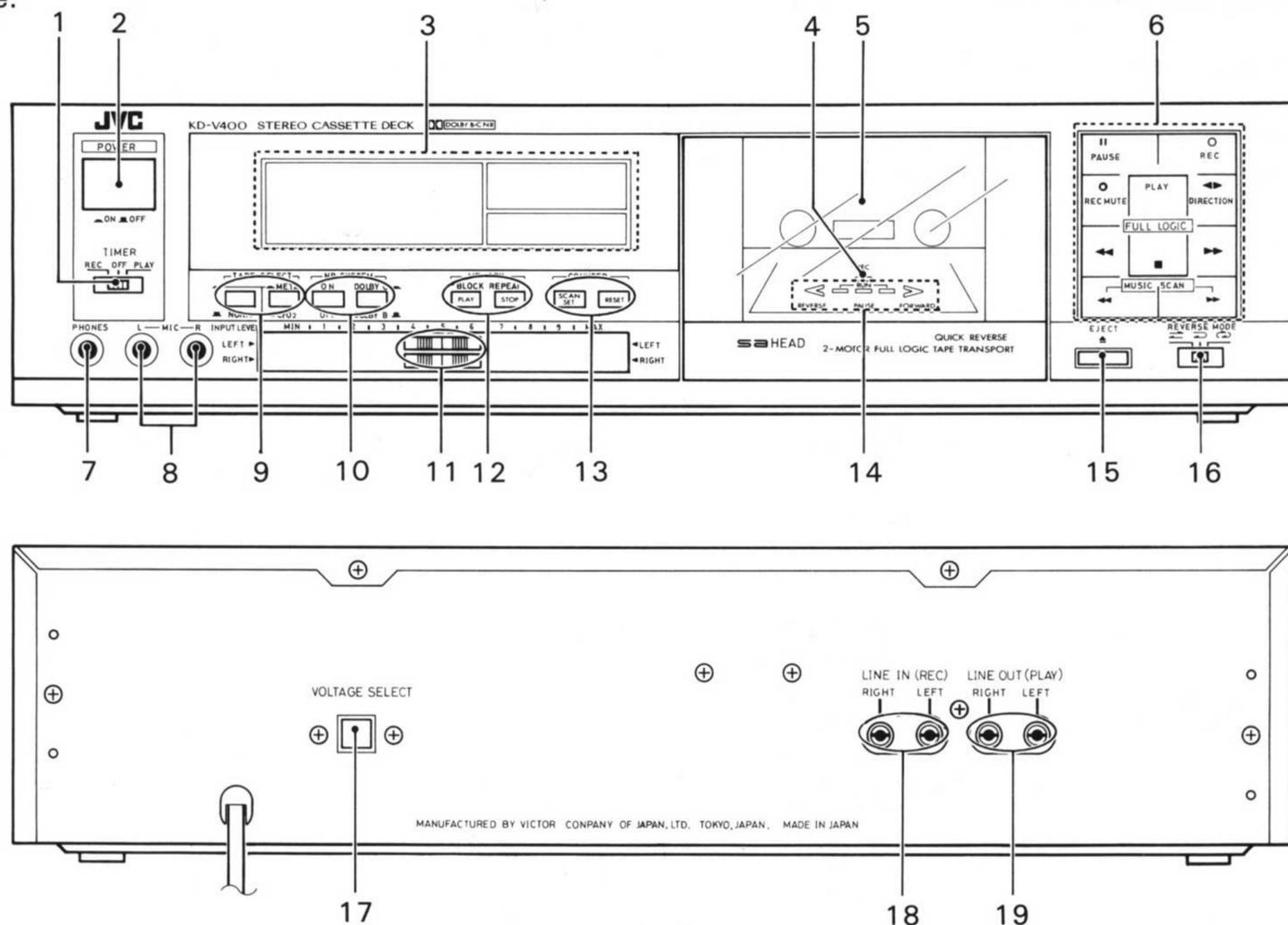


Fig. 1

1. TIMER switch

Set to the REC position to make a timer recording. Set to the PLAY position when using the deck as an alarm using a timer. Otherwise set to the OFF (center) position.

2. POWER switch

Press this switch to turn the power on.
Press this switch again to turn the power off.
When switching the power on, confirm that the TIMER switch is set to OFF.

3. MULTI FUNCTION DISPLAY

• SPECTRO PEAK indicator

On recording or playback, the LCD lights successively according to the intensity of the input and output signal to indicate peak level.

To obtain the optimum dynamic range for recording, check the SPECTRO PEAK and PEAK indicators.

• DIGITAL COUNTER

Digitally shows the tape counter reading. When the SCAN SET button is pressed, the music scanning number is displayed. When the music scan is completed, this counter automatically displays the tape counter.

• NR SYSTEM indicator

Lights to show that the corresponding NR circuit is operating. See item 10 NR SYSTEM buttons.

• REVERSE MODE indicator

Lights to show the deck is in the mode corresponding to the position of the REVERSE MODE switch.

• MEMORY indicators

When the memory button(s) is pressed, the corresponding indicator(s) lights according to its function.

4. REC indicator (red)

This indicator lights when the unit is in the record or record-pause mode. This indicator flashes when the **REC MUTE** button is pressed.

5. Cassette holder

6. Cassette operation buttons

◀▶ DIRECTION:

Press to change the direction of tape travel.

○ REC:

Press ○ and PLAY buttons simultaneously for recording. Press the ○ and **PAUSE** buttons simultaneously for record pause.

PAUSE:

Press to stop the tape temporarily. Press the PLAY button to cancel the pause mode.

PLAY:

Press to start recording/playback.

■ (stop):

Press to stop the tape.

○ REC MUTE:

Press to make about a 4 ~ 5-second, non-recorded section between tunes during recording.

◀◀ (rewind):

Press to fast wind the tape from right to left.

▶▶ (fast forward):

Press to fast wind the tape from left to right.

◀◀ MUSIC SCAN ▶▶

Press to locate the start of the required tune.

7. PHONES jack

Connect headphones (with an impedance of 8 Ω — 1 kΩ).

8. MIC jacks (L, R)

Connect microphones (with an impedance of 600 Ω to 10 k Ω) to these jacks.

With microphones connected to these jacks, the input to the LINE IN (REC) terminals is cut off automatically.

9. TAPE SELECT buttons

Select the button positions according to the tape to be used during recording and playback.

10. NR SYSTEM buttons

The left button turns on and off the noise reduction circuits and the right button selects which noise reduction system (Dolby B NR or Dolby C NR) is to be used.

11. INPUT LEVEL controls

Adjust the recording level with these controls. The upper knob adjusts left channel and the lower knob the right channel.

12. MEMORY buttons

These buttons function to store specific counter readings in memory when they are pressed. The indicators above them will light when the buttons are pressed to show that a counter reading (a certain point on the tape) has been memorized.

•PLAY (MEMORY) buttons:

Press this button to designate a specific point on the tape for playback to begin automatically from the fast forward or rewind mode.

•STOP (MEMORY) button:

Press this button to designate a specific point for the tape to stop automatically from the fast forward, rewind or play mode.

Press the MEMORY button(s) again to cancel its operation.

Use both of these buttons to designate a section between two specific points on the tape to be played back repeatedly (block repeat).

13. COUNTER buttons

•SCAN SET button

For music scanning, press this button to set the number of tunes to be skipped. It is possible to skip up to 20 tones.

•RESET button

Press to reset the digital counter.

14. Mechanism mode indicators

When the POWER switch is set to ON, the tape transport indicator for the forward direction (\ll) or reverse direction (\lll) lights. When the DIRECTION button is pressed, the indicator that is lit goes out and the opposite one lights. When the tape starts running, the three LEDs between the direction indicators flash in sequence to show the direction of tape movement and the mode of operation as follows:

•Recording/Playback

LEDs flash in sequence at an interval of about 1 second in the direction of tape travel.

•Fast Forward/Rewind

LEDs flash rapidly in sequence in the direction of tape travel.

•MUSIC SCAN

Each LED flashes twice in rapid sequence in the direction of tape travel.

•PAUSE

Only the center LED lights.

15. EJECT button

Press after you have stopped the tape run.

16. REVERSE MODE switch

Select a single or full record/playback mode, or continuous play mode.

 : To play continuously sides A and B.

 : To fully play or record sides A and B.

 : For a single-side recording or playback.

17. Voltage selector

18. Line in jacks

19. Line out jacks

Location of Main Parts

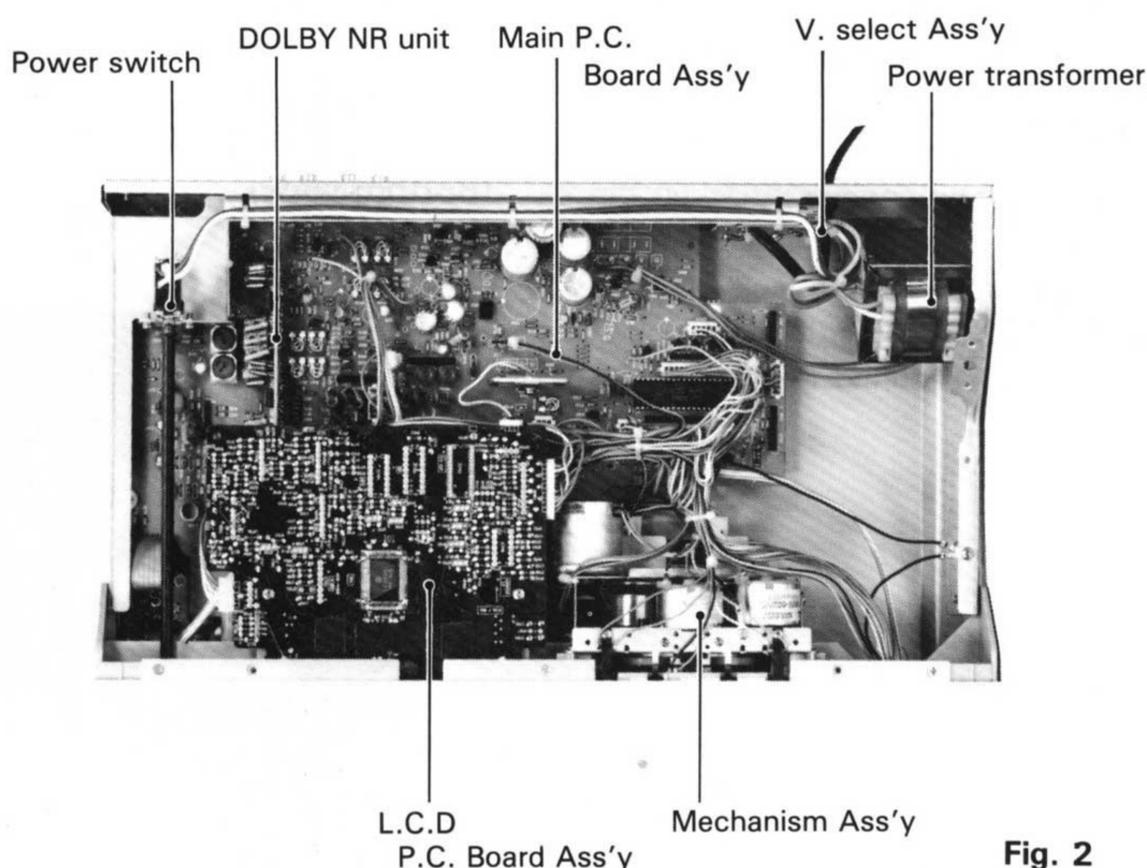


Fig. 2

Removing the Main Parts

■ Top cover

Remove four screws (1) on the left and right and two screws (2) on the rear. (To remove the front plate, remove three screws (5).)

■ Bottom cover

Unscrew screw (3) securing the center of the front panel, and four screws (4) fixing the four corners. (To disengage the front plate, remove two screws (6).)

(Bottom view)

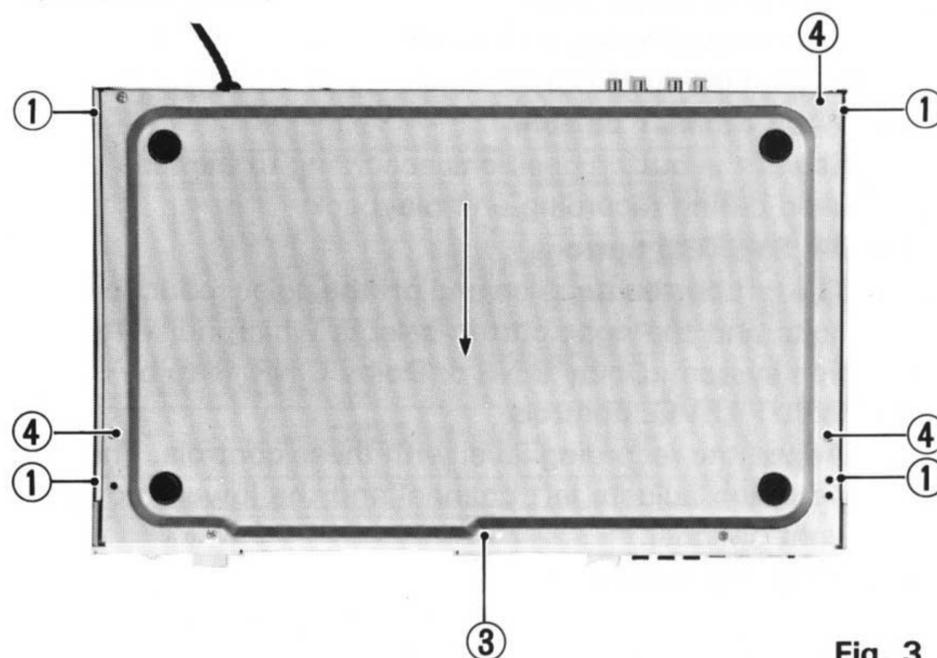


Fig. 3

(Rear view)

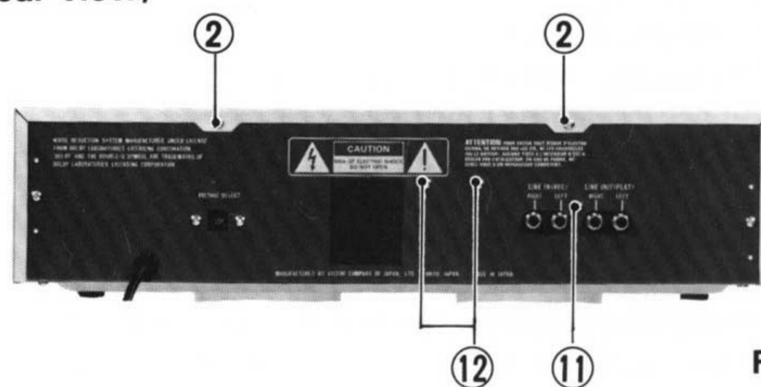


Fig. 4

■ Front plate

- 1) Remove (5) and (6) shown above.
- 2) Remove screw (7) securing the ground wire.
- 3) Disengage the MEMORY/COUNTER switch Ass'y from the front plate.
- 4) Cut the wire clamp, then disengage the mechanism control connector (CN703) from the main P.C. Board.

■ L.C.D P.C. Board

- 1) Unscrew two screws (8) securing the P.C. Board.
- 2) Disengage four pawls (9) fixing the L.C.D display section.

■ Main P.C. Board

- 1) Pull out the TAPE SELECT/NR switch knob and the remote bar, then remove two screws (10) on the left and right.
- 2) Remove screw (11) securing the pin jack from the rear and two screws (12) securing the heat sink.
- 3) Remove two screws (13) securing the P.C. Board from the bottom.

(Top view)

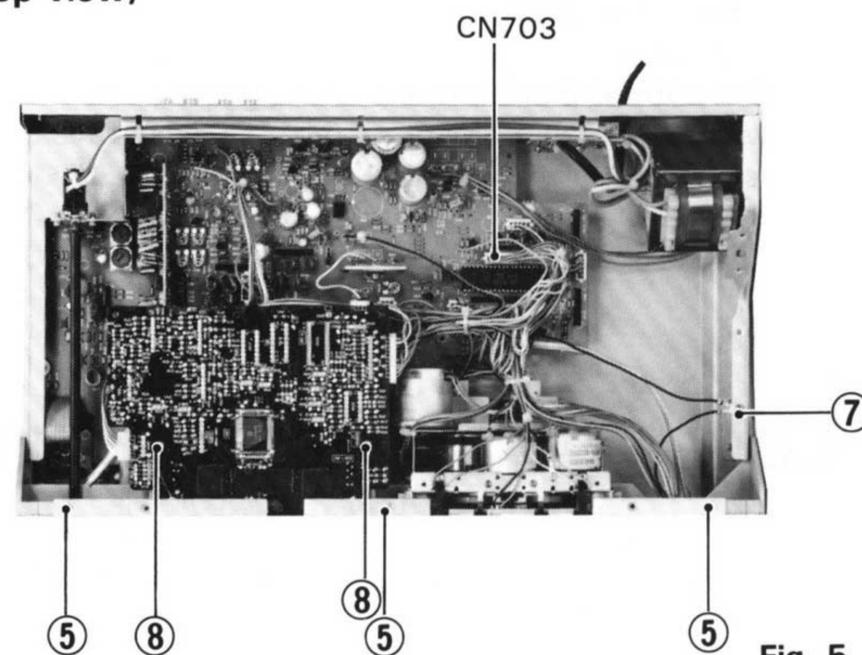


Fig. 5

(Bottom view)

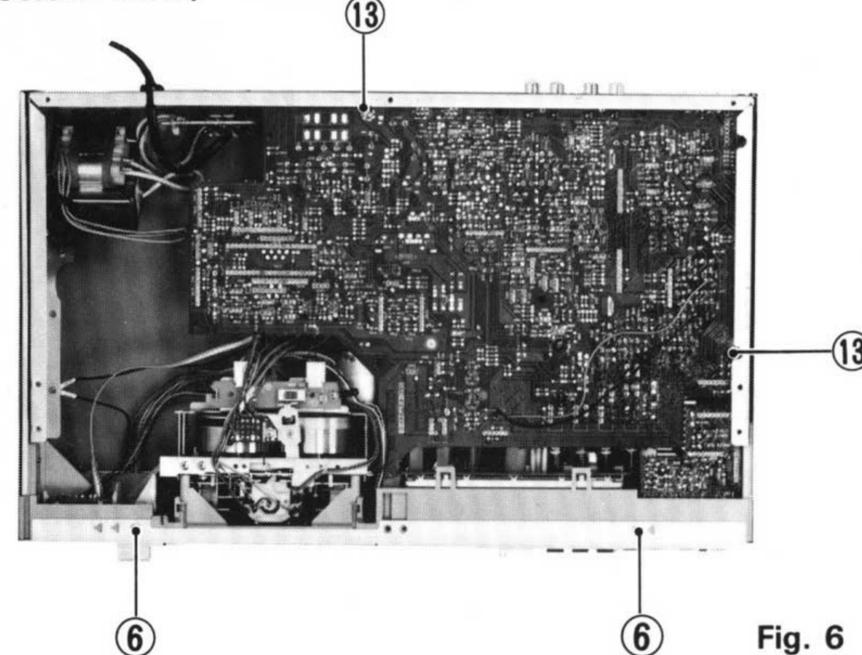


Fig. 6

■ **Damper holder Ass'y**

Remove screw ⑭.

(Front view)

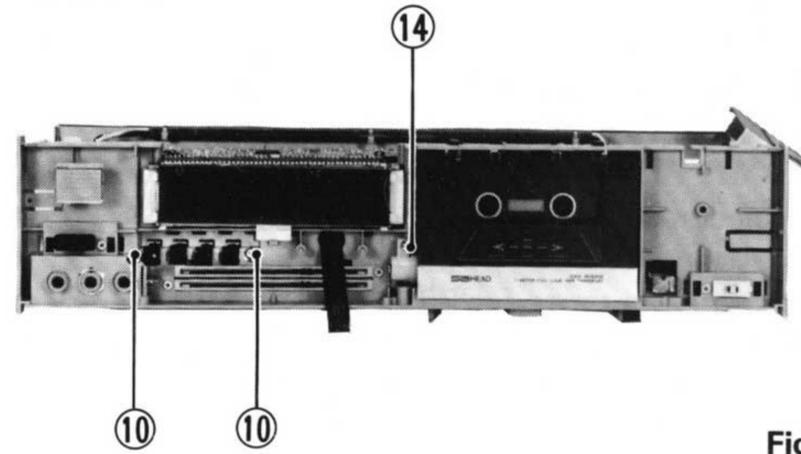


Fig. 7

■ **Mechanism Ass'y**

Remove four screws ⑮ securing the mechanism chassis to the front panel from the interior of the set. (The four screws are provided at the four corners of the chassis.)

(Top view)

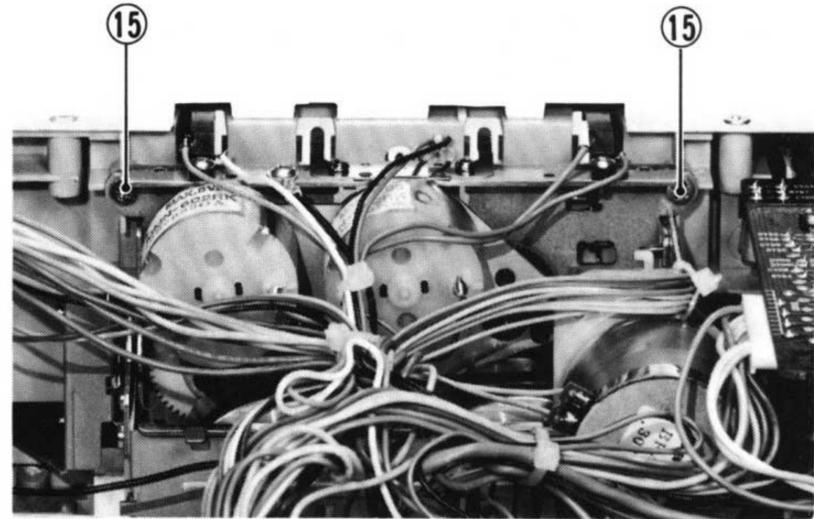


Fig. 8

(Bottom view)

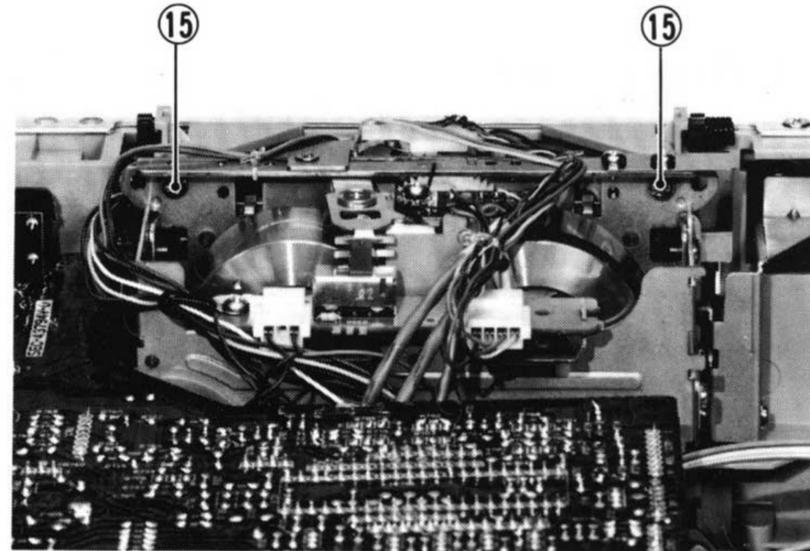


Fig. 9

■ **Mechanism parts**

As the mechanism section are the same as KD-V44, refer to page 11, in the KD-V44 service manual (No. 4219).

Main Adjustments

[I] Equipment and Measuring Instruments used for Adjustment

1. Electrical adjustment

- 1) Electronic voltmeter
- 2) Audio frequency oscillator
(range : 50—20 kHz and output 0 dB with impedance 600 Ω)
- 3) Attenuator
- 4) Standard tapes for REC/PB
Maxell UD — Normal tape (TS-5)
TDK SA — Chrome tape (TS-6)
JVC ME — Metal tape (TS-7) } or equivalent
- 5) Reference tapes for playback (JVC Test Tape)
VTT703 or VTT658 (for head azimuth adj.)

VTT714 or VTT656A (for motor speed, wow flutter adj.)

VTT724 or VTT664 (for Reference Level 1 kHz)

TTT739N (for playback frequency response)

TMT6447 (for music scanning)

TMT6448 (for music scanning)

6) Resistors

600 Ω (for attenuator matching)

2. Mechanical adjustment

- 1) Torque testing cassette gauge
- 2) Blank tape (C-120) for tape running checker.

[II] Mechanical Part of Adjustment and Replacement

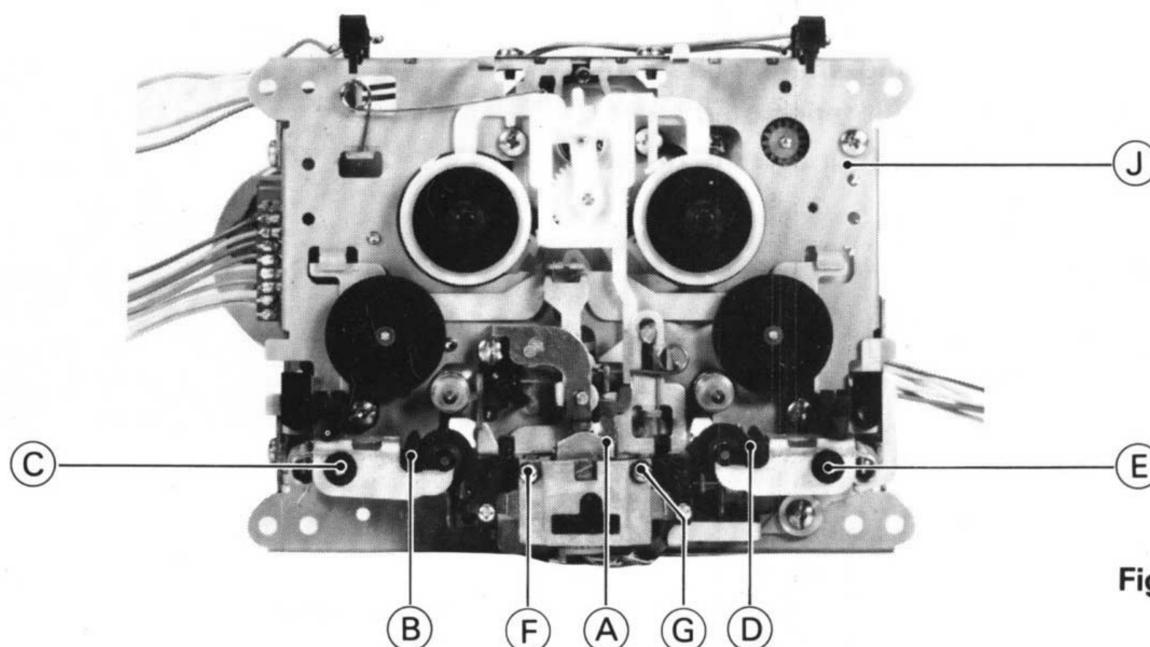


Fig. 10

Tape run adjustment

- 1) Put the mechanism into the PAUSE mode, then adjust the height of right and left tape guides (B) and (D) to that of the REC/PB head tape guide with adjustment screws (C) and (E).

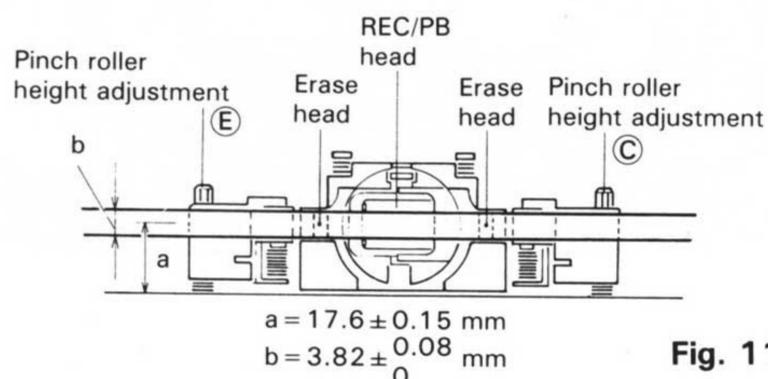


Fig. 11

- 2) Check the erasing coefficient of TS-7 (metal tape) by listening in the forward and reverse modes.

— **checking method** —

Erase the tape on which a 400 Hz or 1 kHz input of 0 VU + 20 dB is recorded, then check that no sound is heard.

- 3) After adjustment, protect screws (C) and (E) against loosening by painting screw locking compound.

REC/PB head azimuth adjustment

- 1) Connect an electronic voltmeter to LINE OUT and a low frequency oscillator and an attenuator to LINE IN.
- 2) Forward play back VTT-658 with side A towards you, then adjust screw (F) so that the output is maximized.

- 3) Forward record 12.5 kHz input of -20 dB on TS-5 with side A towards you, rewind it and check the output level.

- 4) Set side B of TS-5 towards you, reverse play back the section recorded in 3), and adjust screw (G) so that the output is maximized.

- 5) After adjustment, protect screws (F) and (G) against loosening by painting screw locking compound.

— **when replacing the head** —

In the rotary head section for auto reverse, its tilt, azimuth, height, etc. are adjusted precisely. Therefore, when the REC/PB head alone has been replaced, they must be readjusted. In this place, replace the head block.

Others

When assembling the mechanism once it has been disassembled, engage the gear sections so that the markings (holes) of the head base and pinch roller cams are aligned with each other.

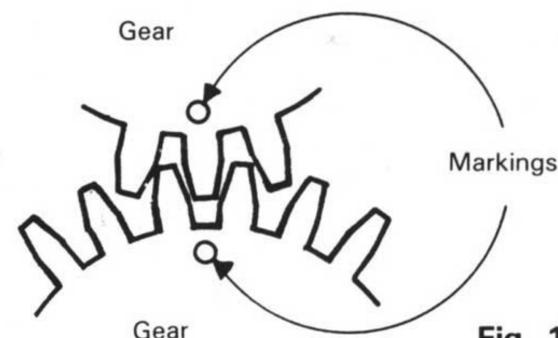


Fig. 12

Mechanical Adjustment

Item	Adjustment	Adjusting point	Standard value	Remarks
Adjusting motor speed	Connect a speed meter (an electronic counter) to the LINE OUT terminals. Play back the VTT714 or VTT656A test tape. Adjust the semi-fixed resistor in the motor until the reading of the speed meter is 3000 Hz.	Semi-fixed resistor in the motor	3000 Hz	If the speed meter functions as a wow and flutter meter, also, connect the deck to the INPUT terminals of the meter.
Checking wow and flutter	Connect a wow and flutter meter to LINE OUT terminals. Play back the VTT714 or VTT656A test tape. Check to see if the reading of the meter is within 0.11% (WRMS).		0.11% (WRMS) 0.16% (DIN 45500)	If the reading becomes moving value even if conforming to the standard, a re-claim may be raised. Repairs are necessary.
Checking play-back torque	Employ a torque testing cassette tape for the checking, or remove the cassette cover and use a torque gauge.		40—70 gr-cm	If the standard torque is not obtained, replace the take-up disc assembly.
Checking fast forward torque	Measure the torque in the fast forward mode in the same manner as in the above.		More than 80 gr-cm	If the standard torque is not obtained, perform the following. 1. Clean the capstan belt, the idler circumference, the motor pulley, the take-up reel disc circumference, the flywheel circumference, etc. 2. Replace the belt and idler.
Checking rewind torque	Measure the torque in the rewind mode in the same manner as in the above.		More than 80 gr-cm	If the standard torque is not obtained, clean the capstan belt, idler, motor pulley, flywheel circumference, rewinding idler circumference, left reel disc circumference, etc.
Multi-music scan check	1. Using a TMT-6447 with the counter display switch set to MMS. Push the FF SCAN or REW SCAN button to check scanning. 2. Using the TMT-6448, the music scan mechanism does not function.			

[III] Electrical Adjustments Location

Main amp. P.W. Board assembly (Top view)

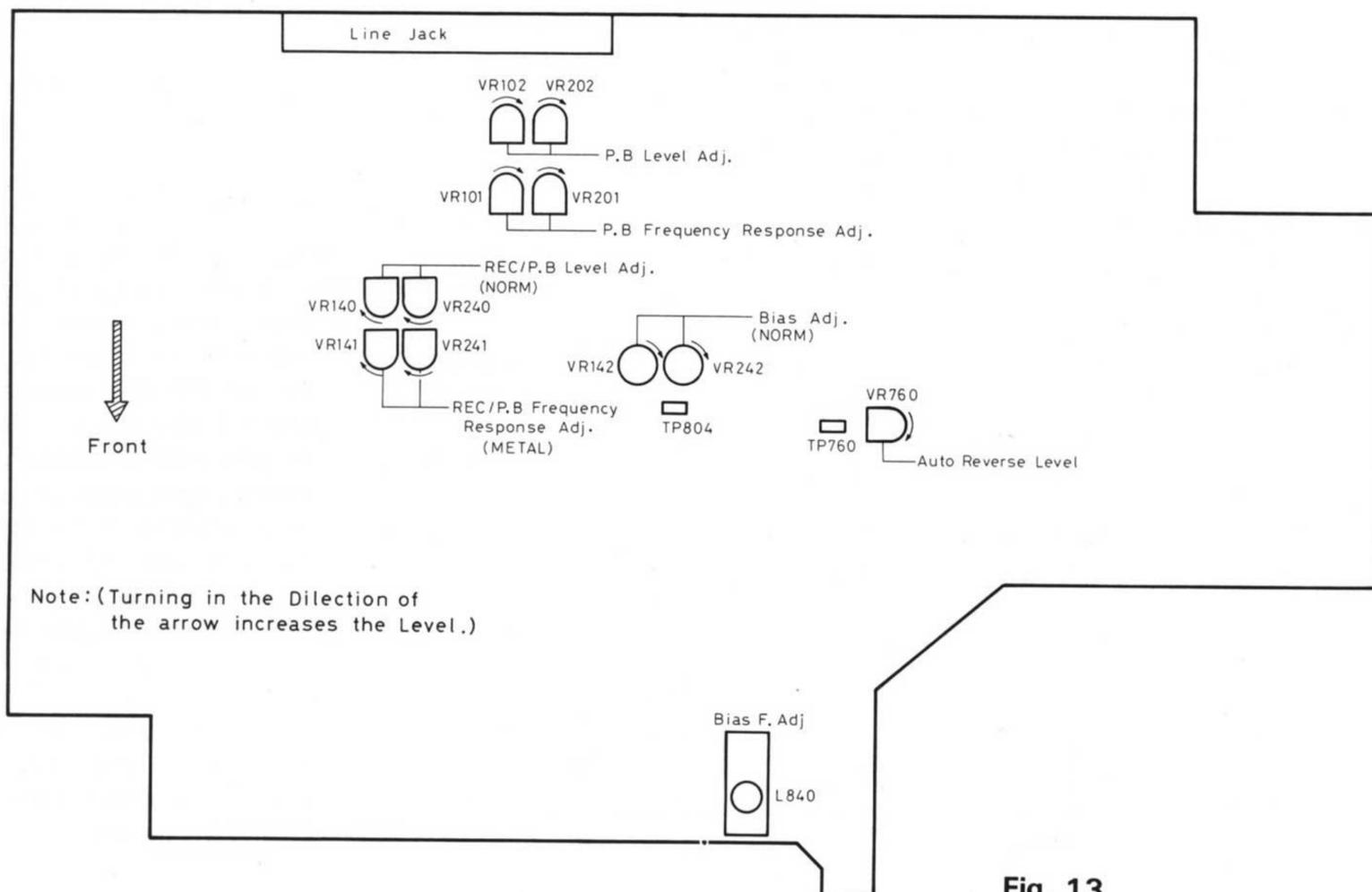


Fig. 13

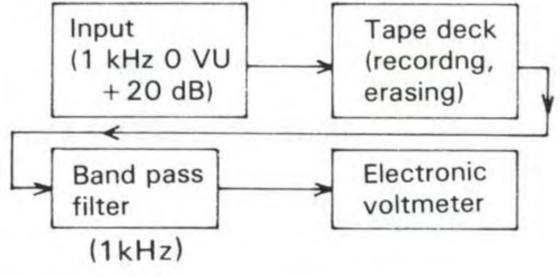
[IV] Electrical Circuit Adjustment Procedure

In the steps marked by an asterisk (*), adjustment should be performed, however, only checking is sufficient with steps other than those.

Adjustment should be performed in the order of steps 1, 2, 3,

Perform this adjustment with the DOLBY switch set to OFF.

Step	Item	Adjustment	Adjusting point	Standard value	Remarks
1	Checking DOLBY circuit (Rec mode) Signal input : LINE IN Cal. Level : 400 Hz - 6 dBs Output terminal : TP102,202		DOLBY B (Rec)	Frequency Level	Output raise value, deviation value
				1 kHz, Cal - 40 dB	+ 5.7 dB ± 2 dB
				5 kHz, Cal - 20 dB	+ 3.5 dB ± 1.5 dB
				1 kHz, Cal	0 dB ± 1 dB
			DOLBY C (Rec)	1 kHz, Cal - 40 dB	+ 16.2 dB ± 2 dB
				5 kHz, Cal - 20 dB	+ 2.9 dB ± 2.5 dB
				1 kHz, Cal	0 dB ± 1 dB
				0.2 kHz, Cal - 40 dB	+ 8.1 dB ± 2 dB
2*	Adjusting playback level	1. Playback the VTT724 or VTT664 Reference tape (1 kHz) with the tape select switch set to the NORM position. 2. Adjust VR102 and VR202 until the LINE OUT becomes about - 8 dBs.	VR102 202	- 8 dBs (0.3 V)	This adjustment becomes necessary when a change in playback level results (for example, due to head replacement).
3*	Playback frequency response	Playback test tape VTT739N (1 kHz, 10 kHz) for following adjustment. Adjust VR101 and VR201 so that 10 kHz signal and 1 kHz signal gains become flat response.	VR101 201	Reference frequency 1 kHz + 1 ± 3 dB at 63 Hz 0 ± 3 dB at 10 kHz	NR : OFF TAPE SELECT : NORM
4	Checking LED level meter lighten	1. Set the cassette deck to its recording mode. 2. Apply a 1 kHz, approx. - 10 dB signal to the LINE IN terminals. 3. Adjust the recording level controls until the signal is available at - 8 dBs at the LINE OUT terminals. 4. Checking the LED indicator lighten up to 0.			
5*	Adjusting Bias frequency	1 .Connect a F. counter to TP840 2 .Adjust L840 until the counter becomes 81 kHz ± 3 kHz	L840	81 kHz ± 3 kHz	
6	Checking record/playback frequency response	Record 1 kHz, 50 Hz and 10 kHz signals at an input level of 0 indicator to - 20 dB. Playback the tape. Check to see that the 50 Hz and 10 kHz signal output deviations fall within the standard range, using the 1 kHz signal output as a reference. Note NR switch : off	For NORM tape: VR142 242 For Metal tape: VR141 241	Reference frequency; 1 kHz 0 ± 3 dB at 50 Hz + 0.5 ± 3 dB at 12.5 Hz	This checking should be performed for normal, chrome and metal tapes and for both right and left channels. 1. Bias current adjustment for a cassette deck should generally be performed referring to the record/playback frequency response. This is because the frequency response of a cassette deck depends more greatly upon the bias current than does that of an open reel deck. The current measuring method described below is an alternative one. 2. If the bias current is not properly adjusted, the record and playback characteristics become as shown below.

Step	Item	Adjustment	Adjusting point	Standard value	Remarks
7	Adjusting recording level	<ol style="list-style-type: none"> 1. Apply a 1 kHz, approx. -10 dB signal to the LINE IN terminals. Adjust the recording level controls until the signal is available at -8 dBs at the LINE OUT terminals. 2. After checking to see if the LED indicator become up to 0, record the signal applied to both left and right channels using normal tape. 3. Play back the recording part. Perform the recording signal adjustment with VR140 and VR240 so that the LED indicator lighten up to 0. 	VR140 240	-8 dBs	The level difference between left and right channels for normal tape, chrome tape and metal tape should be less than 1 dB. Perform the adjustment using a normal tape, level difference between recording and playback for CrO ₂ and metal tapes should be less than 1.5 dB, and that between left and right channels should also be less than 1 dB.
8	Checking record/playback signal distortion	<ol style="list-style-type: none"> 1. Record a 1 kHz, -8 dBs signal to LINE IN terminals and perform recording with the LED indicator lighten up to 0. 2. Play back the recorded part. Check the output with a distortion meter to see if the value conforms to the standard value. 		NORM tape; Less than 2.0% CrO ₂ tape; Less than 3% Metal tape; Less than 2%	Be sure to perform this adjustment following bias current and recording level adjustments.
9	Checking signal to noise ratio in recording/playback	<ol style="list-style-type: none"> 1. Record a 1 kHz, -8 dBs signal. Stop the input by disconnecting from the terminal to perform non-signal recording. 2. Play back the recorded part. Measure the 0 dB recording output and the non-signal recording output for comparison using an electronic voltmeter. Check to see if the value conforms to the standard value. 		NORM, CrO ₂ and Metal tapes; More than 42 dB	Reference input level MIC -72 dB ± 3 dB Line -20 dB ± 3 dB
10	Checking erasing coefficient	<ol style="list-style-type: none"> 1. Apply a 1 kHz signal to the LINE IN terminals. Adjust the recording level controls until the LED indicator lighten up to 0. 2. Perform recording with the signal enhanced by 20 dB. 3. Erase a part of the recording. 4. Measure the output difference between the erased part and nonerased part to compare with an electronic voltmeter. 		More than 60 dB	For the measuring, connect a band pass filter between the deck and the electronic voltmeter. 
11	Checking	For adjustment of the clearance between the Hall IC and magnet, check that the tape does not automatically stop at the start of FF. (This clearance should be adjusted to within 1 ± 0.5 mm)			
12	Adjusting auto reverse	Adjust VR760 so that the voltage at TP-760 is 0.23 V for the transparent section of TS-5 leader tape in the stop mode.			

Block Diagram

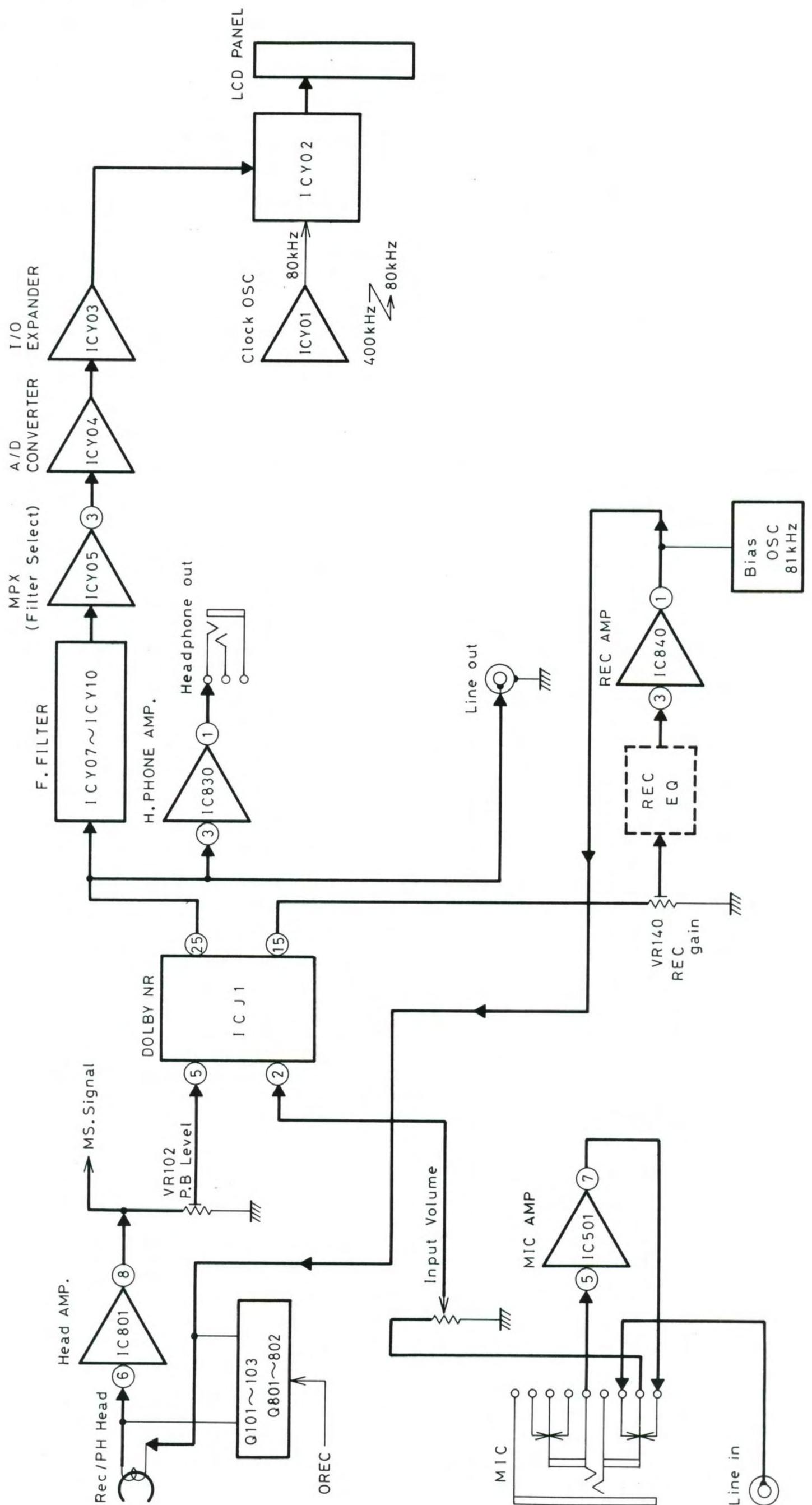


Fig. 14

Standard Schematic Diagram of KD-V400 (Amplifier Circuit)

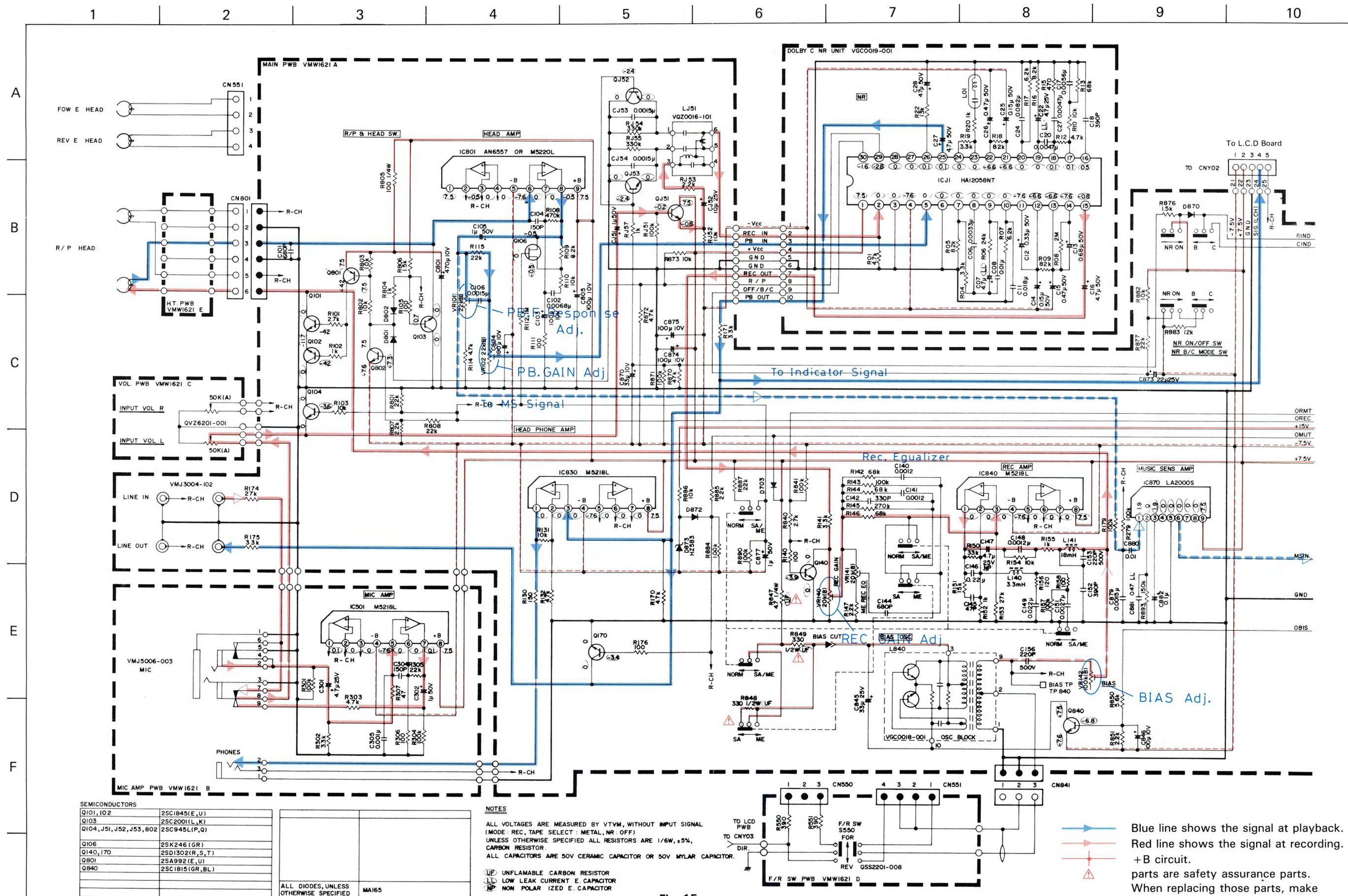
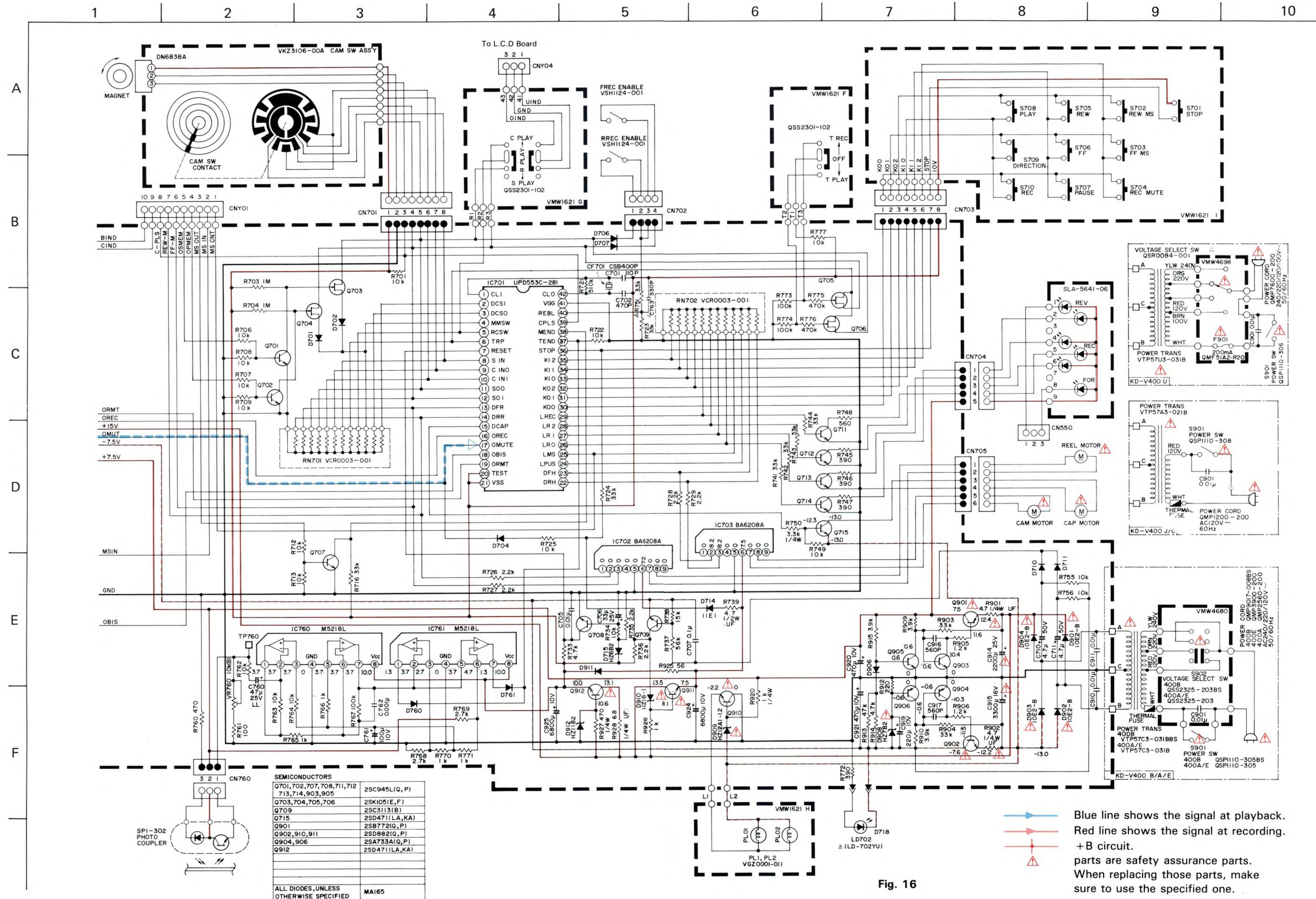


Fig. 15

Standard Schematic Diagram of KD-V400 (Mechanism Control Circuit)



SEMICONDUCTORS

Q701,702,707,708,711,712 713,714,903,905	2SC945L(Q,P)
Q703,704,705,706	2SK105(E,F)
Q709	2SC3113(B)
Q715	2SD471(LA,KA)
Q901	2SB772(Q,P)
Q902,910,911	2SD882(Q,P)
Q904,906	2SA733A(Q,P)
Q912	2SD471(LA,KA)
ALL DIODES, UNLESS OTHERWISE SPECIFIED	MA165

Blue line shows the signal at playback.
 Red line shows the signal at recording.
 +B circuit.
 parts are safety assurance parts.
 When replacing those parts, make sure to use the specified one.

Fig. 16

Standard Schematic Diagram of KD-V400 (L.C.D Circuit)

1 2 3 4 5 6 7 8 9 10

A

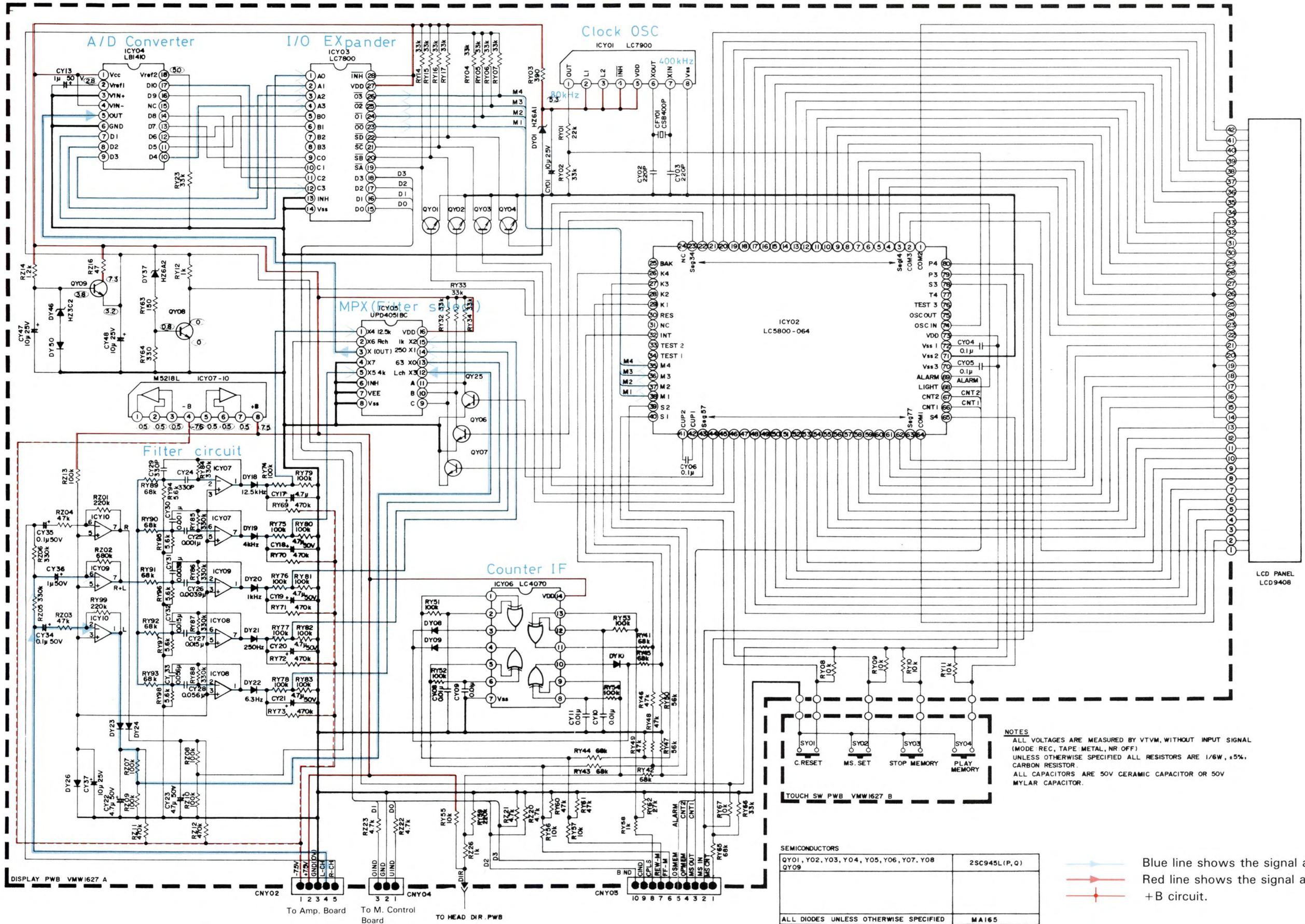
B

C

D

E

F



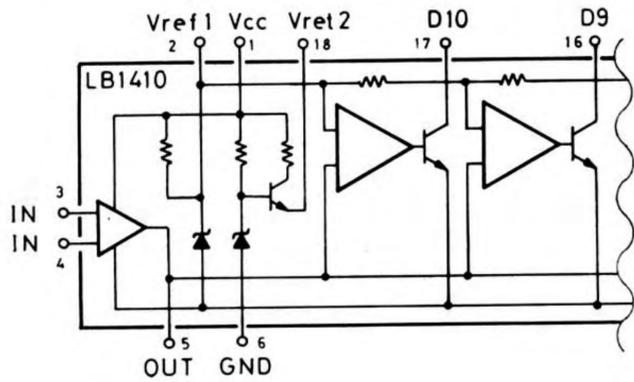
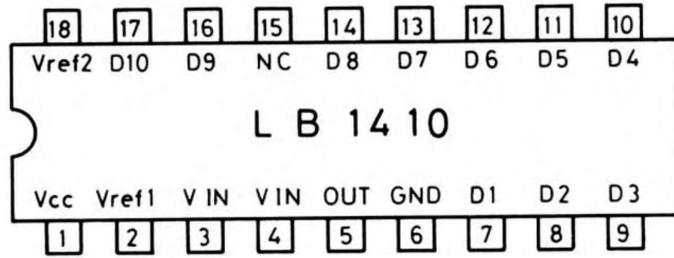
NOTES
 ALL VOLTAGES ARE MEASURED BY VTVM, WITHOUT INPUT SIGNAL (MODE: REC, TAPE: METAL, NR OFF)
 UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 1/6W, ±5%, CARBON RESISTOR.
 ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.

SEMICONDUCTORS	
QY01, Y02, Y03, Y04, Y05, Y06, Y07, Y08	2SC945L(P, Q)
QY09	
ALL DIODES UNLESS OTHERWISE SPECIFIED	MA165

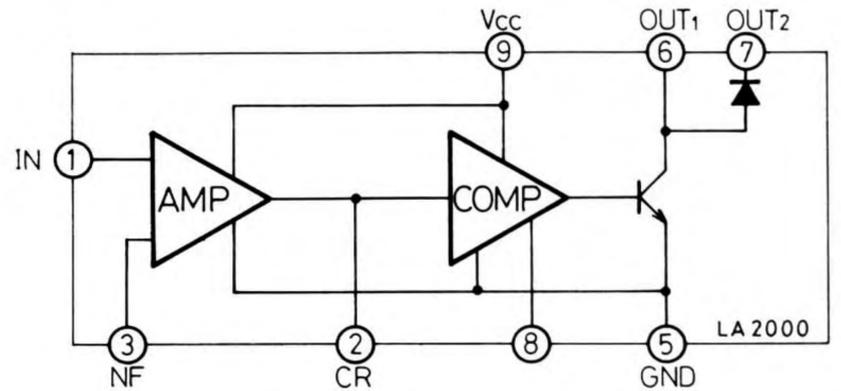
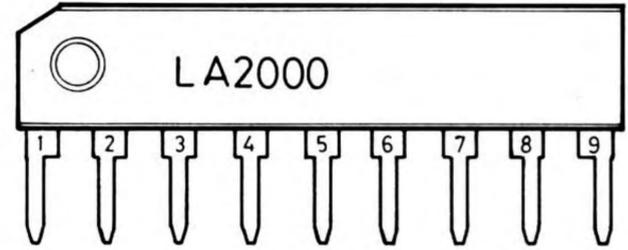
Blue line shows the signal at playback.
 Red line shows the signal at recording.
 + B circuit.

Integrated Circuit

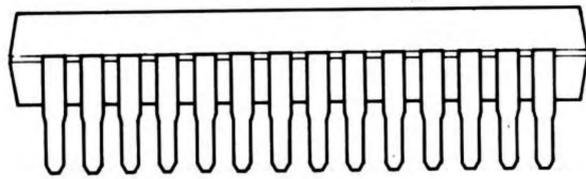
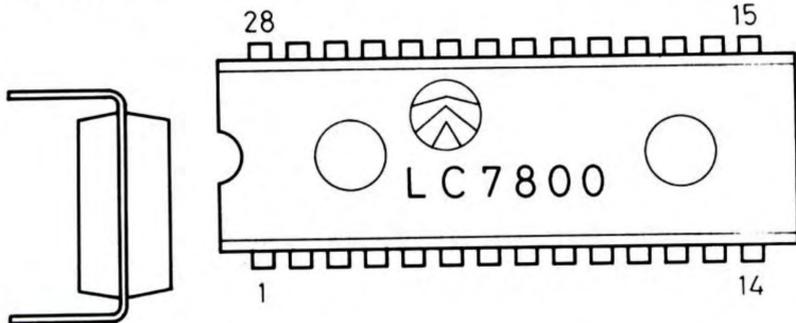
LB1410



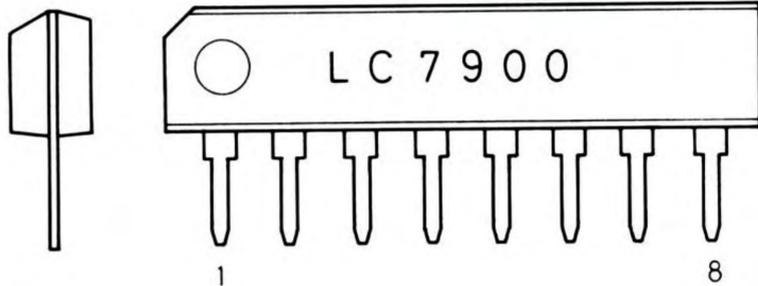
LA2000



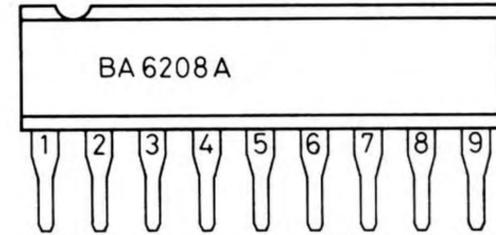
LC7800



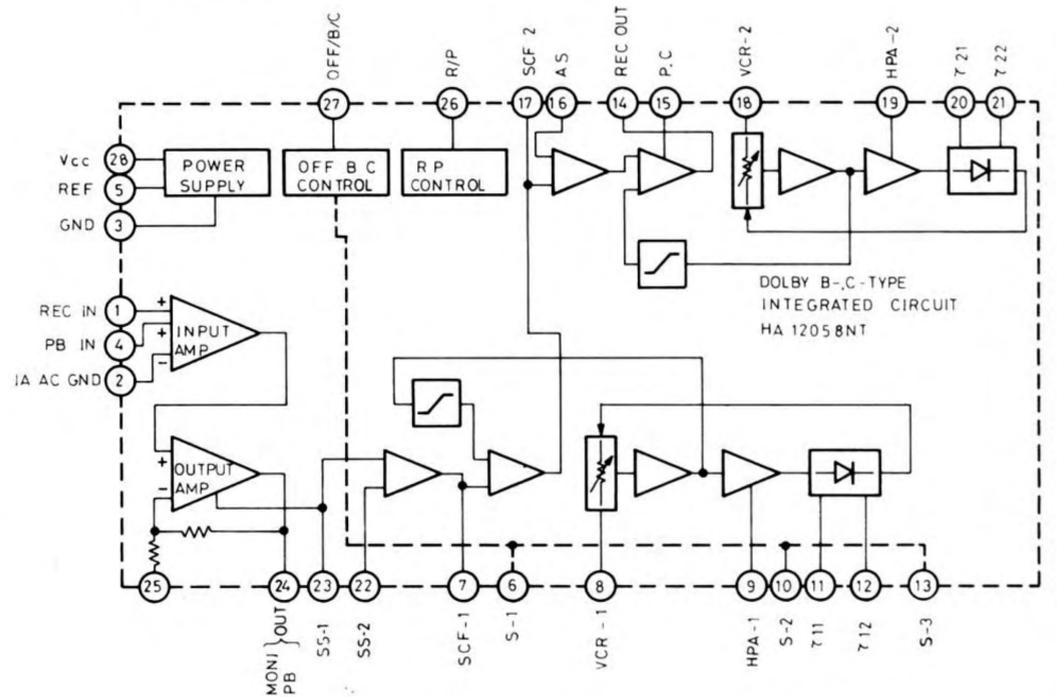
LC7900



BA6208A



HA12058NT



UPD4051BC

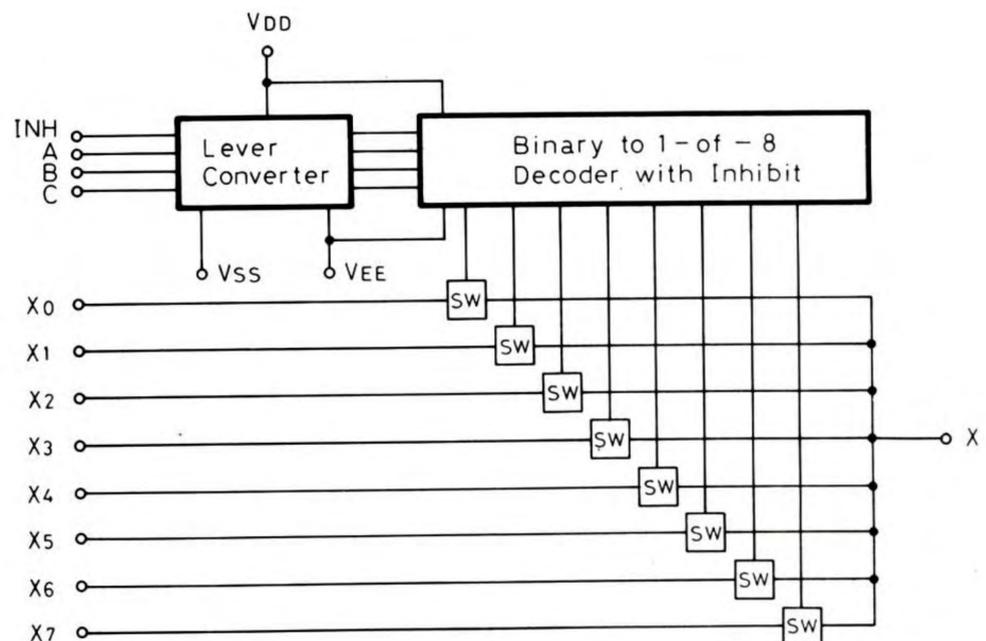
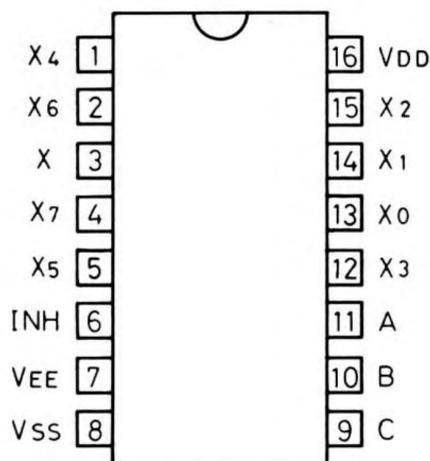
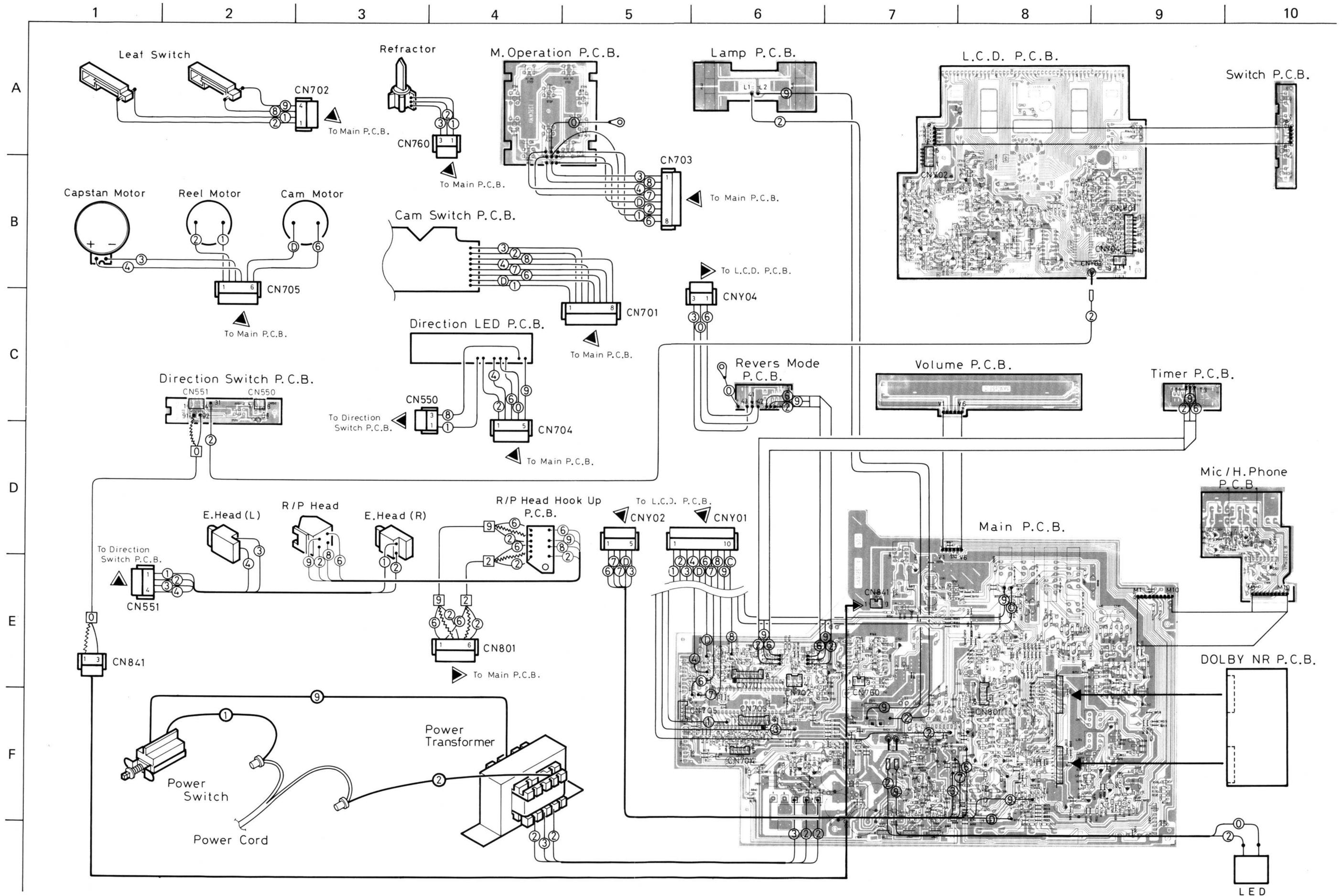


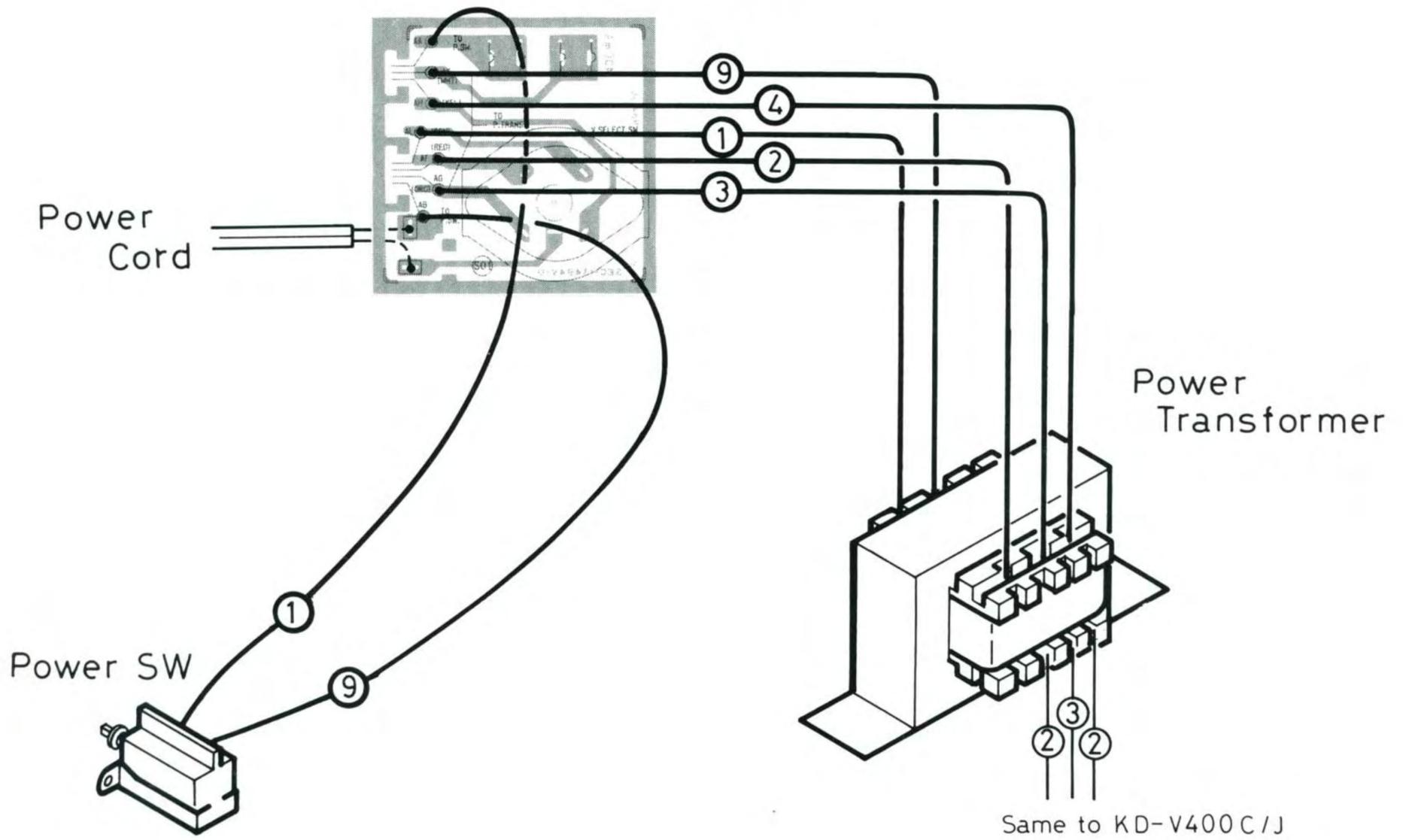
Fig. 18

Wiring Connections



KD-V400 U Version

Voltage Selecte P.C.B.



KD-V400 A/B/E/ED Version

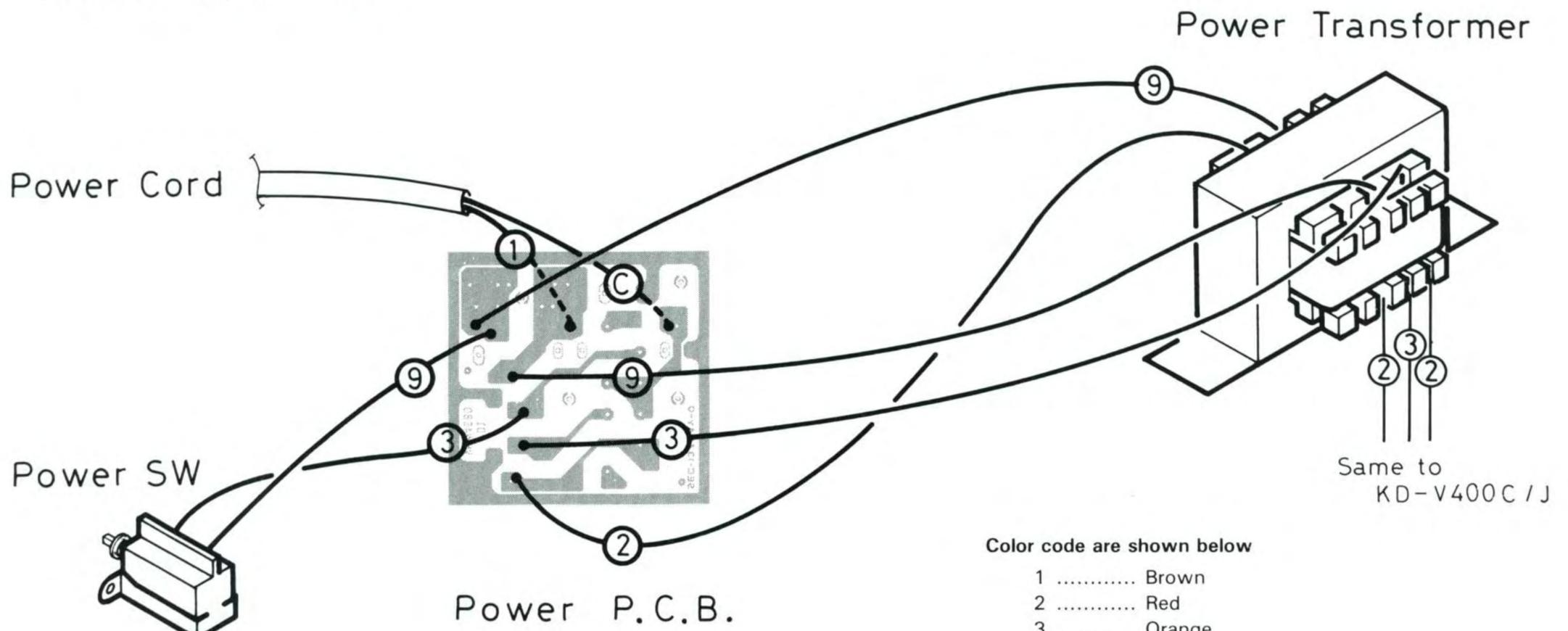


Fig. 19

P.C. Board and Parts List

L.C.D P.C. Board

(Pattern side)

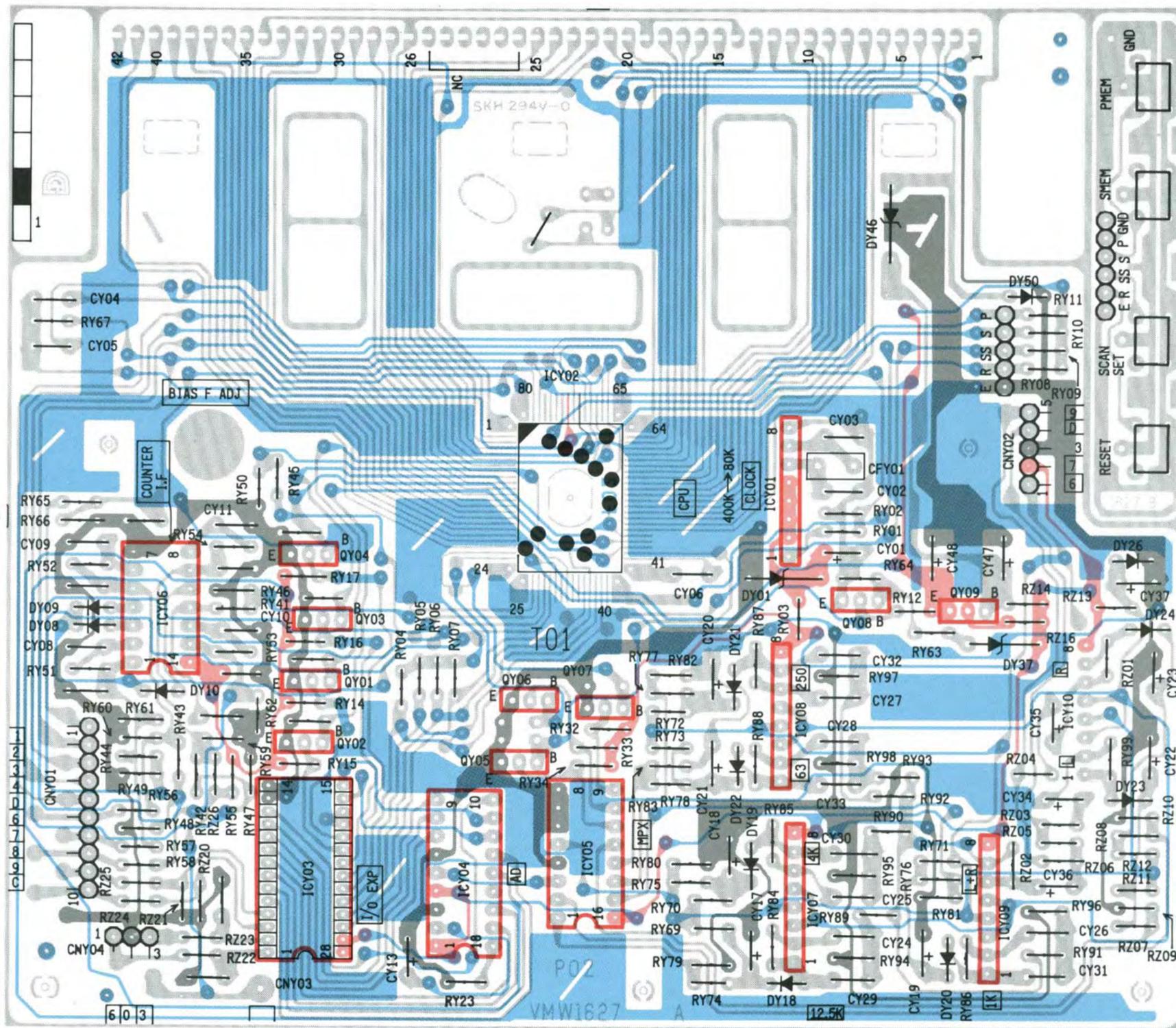


Fig. 20 ■ Parts side pattern ■ +B circuit ■ Earth □ IC & Transistor

DOLBY P.C. Board

(Pattern side)

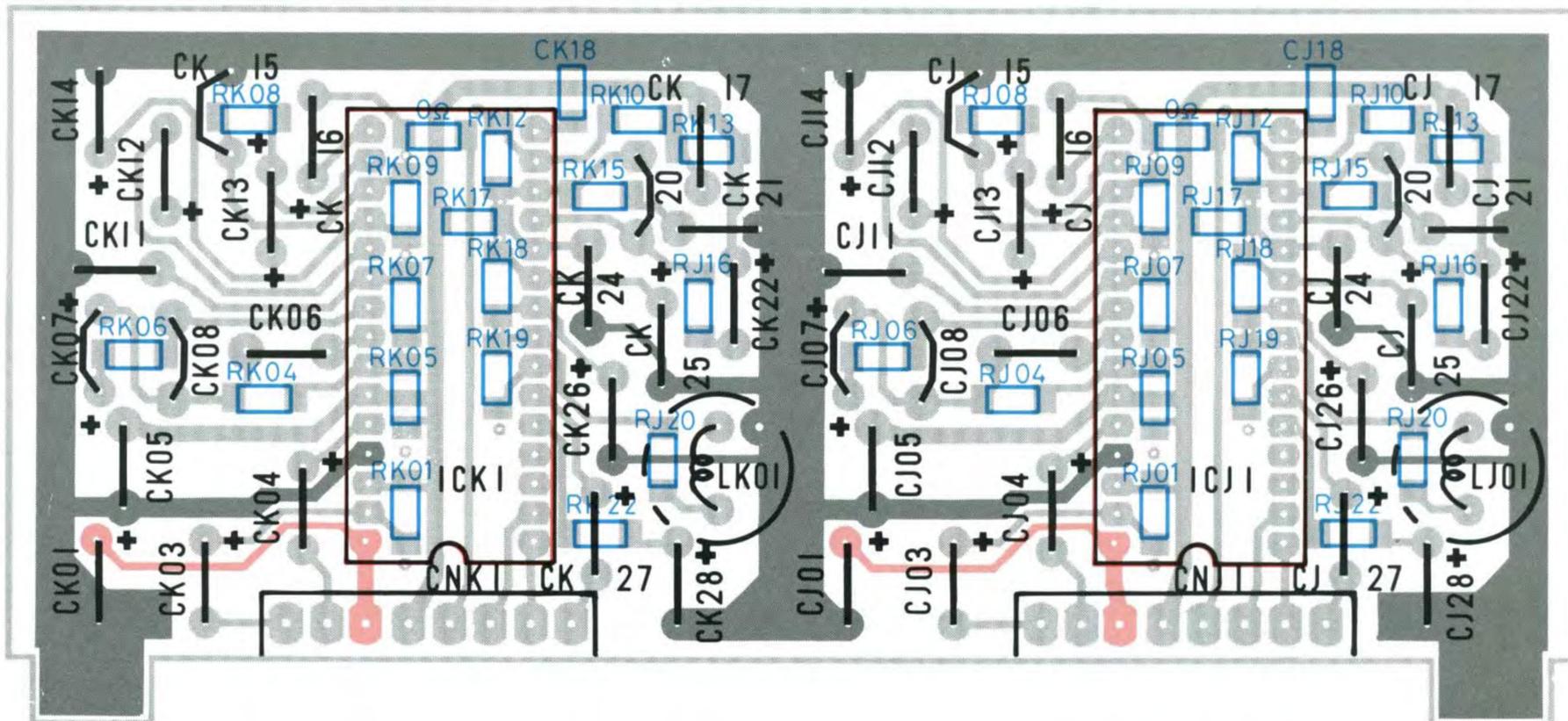


Fig. 21 ■ +B circuit ■ Earth pattern ■ Chip parts □ IC & Transistor

L.C.D P.C. Board Parts List

△ parts are safety assurance parts.
When replacing those parts, make sure
to use the specified one.

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty	△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	ICY04	LB1410	I.C.	Level Comparator	1		RY02,04	QRD161J-333	Carbon Resistor		14
	ICY06	LC4070	"	Counter I.F.	1		05~07				
	ICY02	LC5800-064	"	CPU	1		14~17				
	ICY03	LC7800	"	I/O Expander	1		23,32,33				
	ICY01	LC7900	"	Clock	1		34,66				
	ICY07~10	M5218L	"	SPI. Filter	4		RY84~88	" -334	"		7
	ICY05	UPD4051BC	"	Filter Select	1		RZ05,06				
	QY01~09	2SC945L(P,Q)	Transistor		9		RY03	" -391	"		1
	DY46	HZ3C2	Zener Diode		1		RZ16	" -470	"		1
	DY01	HZ6A1	Z Diode		1		RZ20~23	" -472	"		4
	DY37	HZ6A2	"		1		RY46,48,49	" -473	"		7
	DY08~10	MA165	Si. Diode		12		60,61				
	18~24						RZ03,04				
	26,50						RY69~73	" -474	"		7
	CNY04	QMV5004-003	Connector		1		RZ11,12				
	CNY01	QMV5004-005	"		1		RY94~98	" -562	"		5
	CNY02	" -010	"		1		RY47,50	" -563	"		2
	CNY03	VMZ0015-001	Pin		1		RY41~45	" -683	"		11
	SY01~04	QSP0301-002	Push Switch		4		65,89				
	RY12,58	QRD161J-102	Carbon Resistor		3		90~93				
	RZ26	" -103	"		8		RZ02	" -684	"		1
	RY08~11						RZ24,25	QWY124-013	Bus Wire		2
	55~57						CFY01	CSB400P	Lock		1
	67						CY02,03	QCS11HJ-221	C. Capacitor		2
	RY51~54	" -104	"		19		CY24,29	" -331	"		2
	74~83						CY01,37	QET41ER-106	E. Capacitor		4
	RZ07~10						47,48				
	13						CY34,35	QET41HR-104	"		2
	RZ14	" -122	"		1		CY13,36	" -105	"		2
	RY63	" -151	"		1		CY17~23	" -475	"		7
	RY01	" -223	"		1		CY25,30	QFN41HJ-102	M. Capacitor		2
	RY59,99	" -224	"		3		CY08~11	" -103	"		4
	RZ01	" -273	"		1		CY26,31	" -392	"		2
	RY62	" -331	"		1		CY04~06	QFV41HJ-104	F. Capacitor		3
	RY64				1		CY27,32	" -153	T.F. Capacitor		2
							CY28,33	" -563	"		2

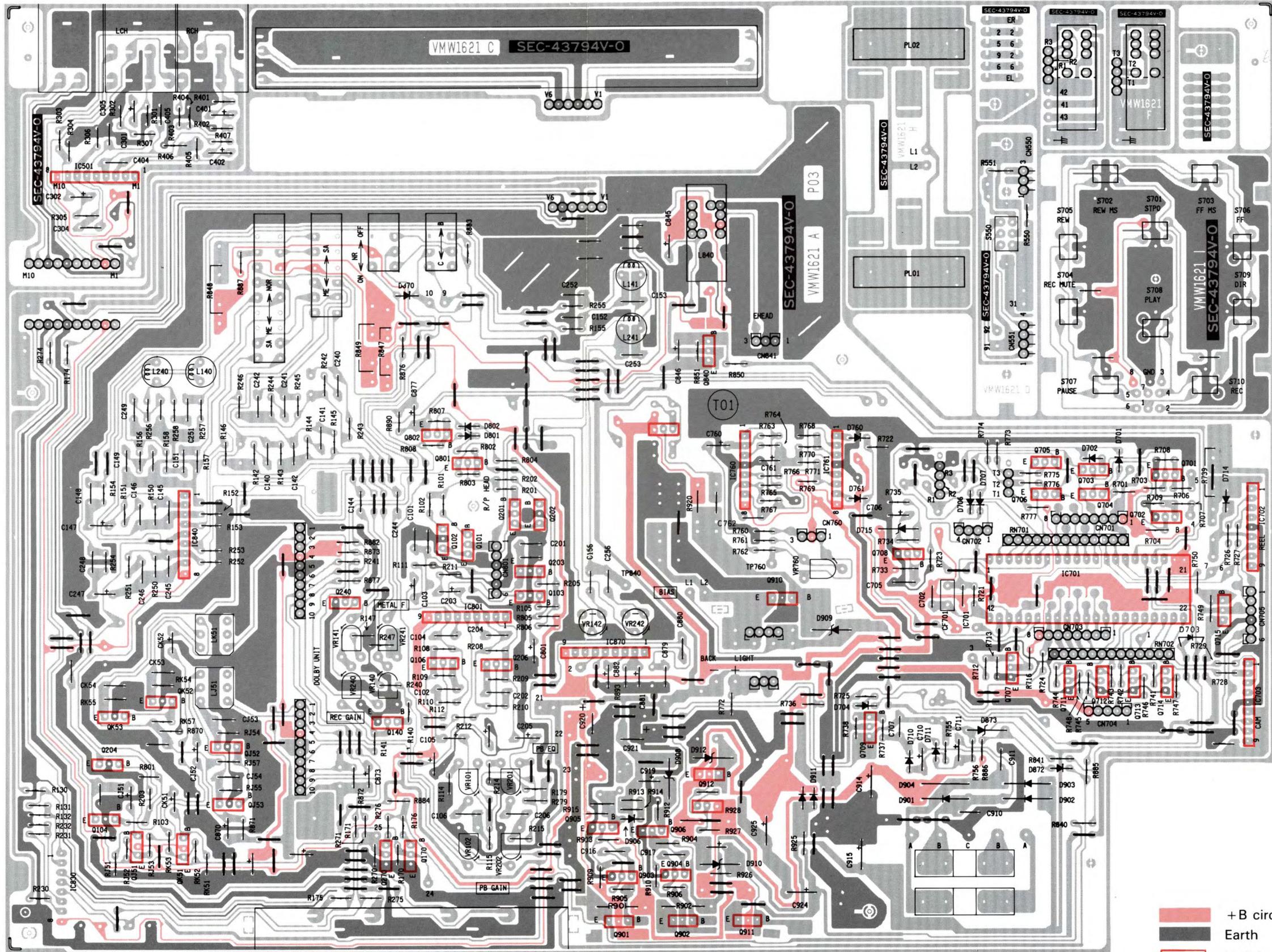
DOLBY P.C. Board Parts List

△ parts are safety assurance parts.
When replacing those parts, make sure
to use the specified one.

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty	△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	ICK01	HA12038NT	I.C.		2		CK25,14				
	ICJ01	VQZ0013-001S	Skewing Coil		2		12,CJ25	QET41SHR-154	E. Capacitor		6
	CJ22,CK07	QEB41CR-106	E. Capacitor		4		CK12,CJ25				
	CK22,07						CJ14,CJ12				
	CK05,CJ05	QET41AR-227	"		2		CK24,CJ24	QNN41HJ-823F	M. Capacitor		2
	CK02	QET41CR-107	"		2		CK11,CJ11	" -183	"		2
	CJ01,28	QET41ER-106	"		4		CJ06,09	" -153	"		4
	CK01,28						CK06,09				
	CK10,23	QETR41HR-475	"		2		CK08,CJ08	" -153	"		2
	CJ10,23						CK17,CJ17	" -562	"		2
	CJ03,27	" -335	"		4		CK21,CJ21	" -392	"		2
	CK03,27						CK20,CJ20	" -332	"		2
	CK04,CJ04	" -105	"		2		CK19,CJ19	QCS81HJ-102	C. Capacitore		2
	CK26,15	" -474	"		6		CK18,CJ18	" -330	"		2
	13,CJ26						—	QRD188J-□□□	Chip Resistor		42
	CJ15,13										

Main P.C. Board

A
B
C
D
E
F



- +B circuit
- Earth
- IC & Transistor

Fig. 22

Main P.C. Board Parts List

△ parts are safety assurance parts.
When replacing those parts, make sure
to use the specified one.

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	IC702,703	BA6208A	I.C.	Motor Cont.	2
	IC870	LA2000S	"	MS	1
	IC501,760	M5218L	"		5
	761,830				
	840				
	IC801	M5220L	"		1
	IC701	UPD553C-281	"	Mecha. Cont.	1
△	Q904,906	2SA733A(P,K)	Transistor		2
	Q801	2SA992(E,U)	"		1
	Q901	2SB772(Q,P)	"		1
	Q840	2SC1815(GRBL)E2	"		
	Q101,102	2SC1845(E,U)	"		4
	201,202				
	Q103,203	2SC200L(L,K)	"		2
	Q709	2SC3113(B)E4	"		1
	QJ51 ~ 53	2SC945L(P,Q)	"		19
	QK51 ~ 53				
	Q104,204				
	701,702				
	707,708				
	711 ~ 714				
	802,903				
	905				
	Q140,170	2SD1302(RST)TA	"		4
	240,270				
△	Q715,912	2SD471(LA,KA)	"		2
△	Q910,911	2SD882(P,Q)	"		2
△	Q902	2SD882(Q,P)	"		1
	Q703 ~ 706	2SK105(E,F)	FET		4
	Q106,206	2SK246(GR)E2	"		2
△	D912	HZ11B2	Z. Diode		1
△	D909	HZ12A1	"		1
△	D910	HZ16-1	"		1
	D873	HZ5B3	"		1
	D715	HZ6B2	"		1
△	D908	HZ7B2	"		1
	D701 ~ 704	MA165	Si. Diode		16
	706,707				
	710,711				
	760,761				
	801,802				
	870,872				
	906,911				
△	D901 ~ 904	10E2-B	"		4
	D714	11E1-TB2	"		1
	VR760	QVZ1802-103	V. Resistor		1
	VR101,102	QVZ1802-223	"		8
	140,141				
	201,202				
	240,241				
	VR142,242	QVZ3501-104	"		2
	CN550	QMV5004-003	Connector		1
	CN551	" -004	"		1
	CN760,841	QMV5005-003	"		2
	CN702	" -004	"		1
	CN704	" -005	"		1
	CN705,801	" -006	"		2
	CN701,703	" -008	"		2
	S550	QSS2201-008	Slide Switch	Direction	1
	L840	VGC0018-001	Coil		1
	L141,241	VQP0001-183	Inductor		2
	L140,240	VQP0001-332	"		2
	LJ51,LK51	VQZ0016-101	Filter	DOLBY NR	2
△	R848,849	QRD121J-331	Carbon Resistor		2
	R739	QRD121J-4R7	"		1
△	R805	QRD141J-101	"		1
	R920	" -102	"		1
	R750	" -332	"		1

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
△	R847,901	QRD141J-4R7	Carbon Resistor		3
	902				
	R927	" -471	"		1
	R721	" -514	"		1
	R928	" -6R8	"		1
	R105,111	QRD161J-101	"		13
	140,158				
	176,205				
	211,240				
	258,276				
	306,406				
	761				
	RJ57,RK57	" -102	"		14
	R102,152				
	155,202				
	252,255				
	765,766				
	770,771				
	804,926				
	RJ52,RK52	" -103	"		32
	R103,110				
	131,154				
	203,210				
	231,254				
	701,706				
	707 ~ 709				
	712,713				
	722,725				
	734,749				
	755,756				
	762 ~ 764				
	777,802				
	803,873				
	882,886				
	RJ51,RK51	" -104	"		19
	R143,157				
	179,243				
	257,279				
	301,304				
	401,404				
	767,773				
	774,841				
	871,884				
	890				
	R112,212	" -105	"		4
	703,704				
	R156,256	" -121	"		2
	R905,906	" -122	"		2
	R883	" -123	"		1
	R130,230	" -151	"		2
	R806,876	" -152	"		2
	R151,251	" -153	"		3
	738				
	R893	" -154	"		1
	R912	" -221	"		1
	RJ53,RK53	" -222	"		13
	R147,247				
	726 ~ 729				
	735,736				
	807,851				
	885				
	R115,215	" -223	"		8
	305,405				
	801,808				
	877,887				
	R101,201	" -272	"		5
	768,769				
	840				

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	R153,174 253,274 R145,245 R141,171 R175,241	QRD161J-273 " -274 " -332	Carbon Resistor " "		4 2 9
	271,275 302,402 751 R150,250 716,723 724,741	" -333	"		14
	742~744 903,904 RJ54,55 RK54,55 R550,551	" -334 " -391	" "		4 6
	R745~747 772 R909,910 915 R307,407	QRD161J-392 " -470	" "		3 2
	R760 R114,132 170,214 232,270 303,403 733,872 914	" -471 " -472	" "		1 11
	R870,913 R108,208 775,776 R925 R748	" -473 " -474 " -560 " -561	" " " "		2 4 1 1
	R850 R737 R142,144 146,242 244,246 R109,209	" -562 " -563 " -683 " -822	" " " "		1 1 6 2
	RN701,702 CF701 C705,910 911 C701	VCR003-001 CSB400P QCF11HP-103 QCS11HJ-111	C.R. Block C. Lock C. Capacitor "		2 1 3 1
	C104,204 304,404 C142,242 763 C152,252	" -151 " -331 " -391	" " "		4 3 2
	C145,245 C702 C916,917 C101,144 201,244	" -470 " -471 " -561 QCS11HJ-681	" " " "		2 1 2 4
	C153,156 253,256 C305,405 762 C760	QCS12HJ-221 QCY41HK-102 QEB41EM-476	" " E. Capacitor		4 3 1
	C881 C147,247 C103,203 761,804 805,846 874,875	QEB41HM-474 QEN41EM-475 QET41AR-107	" " "		1 2 8
	C919 C870	QET41AR-227 QET41AR-336	" "		1 1

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	C801,920 921 C924,925	QET41AR-477 " -688	E. Capacitor "		3 2
△	C915 CJ52,CK52	QET41CR-338 QET41ER-106	" "		1 1
△	C873 C914 C706,845 C882 CJ51,CK51	QET41ER-226 " -228 " -336 QER41HR-104 QET41HR-105	" " " " "		1 1 2 1 7
	C105,205 302,402 877 C301,401 710,711	QET41HR-475	"		4
	C140,141 148,240 241,248 CJ53,54 CK53,54 C106,206	QFN41HJ-122 " -152	M. Capacitor "		6 6
	C879 C151,251 C102,202 C880 C707	" -222 " -272 " -682 QFV41HJ-103 " -104	" " " T.F. Capacitor "		1 2 2 1 1
	C149,249 C146,246	" -223 " -224 VMH4006-001 VKL5002-001 VKL3143-001	F. Capacitor " Heat Sink " Board IN Tab	Q901,902 Q910 Q911	2 2 1 1 2
		VMJ3004-102 VMZ0015-001 QST7441-V03 VMJ5006-003 QSS2301-102	Jack Ass'y Post Pin Push Switch MIC/HP Jack Slide Switch	Pin Jack for Back Light Tape/DOLBY Timer Switch	1 2 1 1 1
		" -102 VMZ0043-002 VKL5629-001 QSP0301-002	" Fuse Clip Refrection Plate Tact Switch	Revers Mode for Lamp Play, Stop	1 4 1 10

Exploded View of Mechanism Assembly

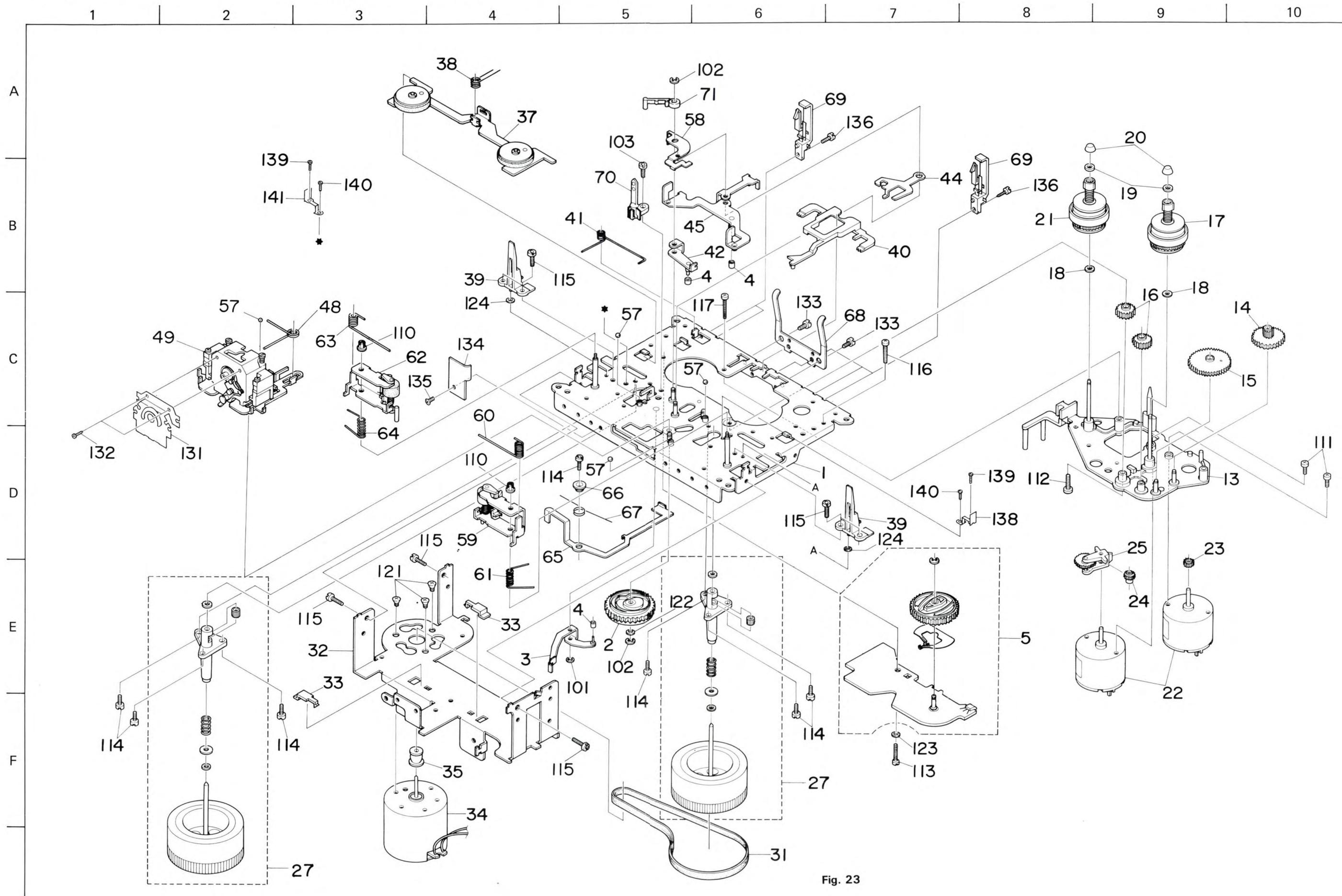


Fig. 23

Mechanism Assembly Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	1	VKL2170-00C	Chassis Base	Ass'y	1
	2	VKS2122-001	P. Roller Cam		1
	3	VKL5333-00B	Head Lever		1
	4	VKH3000-058	Collar		1
	"	" -058	"		1
	"	" -058	"		1
	5	VKZ3106-00A	Cam Switch		1
	13	VKL2173-00A	Base		1
	14	VKR3001-001	Gear (2)		1
	15	" -002	"		1
	16	VKR3000-001	Gear (1)	Back Tension	2
	17	VKR4312-00B	Reel Disk Ass'y		1
	18	VKZ4003-010	Spring		1
	"	" -010	"		1
	19	VKR4170-001	Ring		1
	"	VKR4170-001	"		1
	20	VKS4131-001	Reel Stopper		1
	"	" -001	"		1
	21	VKR4319-00A	Take Up Disk (4)	Cam	1
⚠	22	MMN-6C2RK	DC Motor		1
⚠	"	"	"	Cam Motor	1
	23	VKR4326-001	Gear		1
	24	VKR3000-003	Gear (1)		1
	25	VKS4503-00C	Arm		1
	27	VKF3123-00B	Fly Wheel		2
	31	VKB3001-017	Capstan Belt	Capstan	1
	32	VKL3410-006	F.M. Bracket		1
	33	VKS4437-001	Thrust Plate		2
⚠	34	BFA2L74	DC Motor		1
	35	VKR4317-002	Motor Pulley		1
	37	VKL3411-00A	Take Up Idler	Take-up	1
	38	VKW3006-099	Spring		1
	39	VKS4505-003	Cassette Guide		2
	40	VKS3162-002	Brake Bar	Brake Bar	1
	41	VKW4380-001	Spring		1
	42	VKL5316-00A	H. Base Arm	For Head Base	1
	44	VKL5318-001	Arm		1
	45	VKL3413-00A	Lever		1
	48	VKW4467-002	Spring		1
	49	VDG2127-002MA1	Head Base Mount Ass'y		1
	57	T41615-004	Steel Ball	Head Base	4
	58	VKY4278-001	Spring Plate	"	1
	59	VKP4126-00B	Pinch Roller(R)		1
	60	VKW3006-056	Spring	Pinch Roller	1
	61	VKW3006-057		Return	1
	62	VKP4129-00B	Pinch Roller (L)	Pinch Roller	1
	63	VKW3006-059	Spring		Return
	64	VKW3006-060	"		1
	65	VKL5320-002	Door Safety (1)	For Door Safety	1
	66	VKH4418-001	Flange Collar		1
	67	VKW3006-061	Spring		1
	68	VKY4279-001	"		1
	69	VSH1124-002	Leaf Switch		1
	70	SPI-302	Reflector		1
	71	VKS4534-001	Pressure Arm		1
	101	REE1500	E. Ring	For Pressure Arm	1
	102	REE2000	"		1
	"	"	"		1
	103	HDST2605Z	Screw		For Reflector
	110	VKS4513-001	"	Pinch Roller	1
	"	" -001	"	"	1

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty	
	111	DPSP2608Z	Screw	Reel Motor	1	
	"	"	Cam Motor		1	
	112	HDST2608Z	"		1	
	113	HPST2612Z	"		1	
	114	HPST2605Z	"		6	
	"	HPST2605Z	"	F.M. Bracket	1	
	115	"	"		3	
	116	SPSP2615Z	"		Cam Motor	1
	117	SPSP2613Z	"		Reel Motor	1
	121	SSSP2604Z	"		Capstan Motor	3
	122	Q03093-834	Washer	For H.W. Clamp	1	
	123	WNS2600N	"		1	
	124	Q03093-630	"		2	
	131	VKZ4242-001	Head Wire Clamp		1	
	132	VKZ4204-001	Screw		2	
	133	HPST2604Z	"		2	
	134	VKL5398-001	Bracket	1		
	135	SSST2604Z	Screw	1		
	136	SDST2606Z	"	2		
	138	VKL5627-003	Gide Lever	1		
	139	VKZ4032-001	Special Screw		2	
	140	SDST2004Z	Screw		2	
	141	VKL5627-004	Gide Lever		1	

Exploded View of Enclosure Assembly

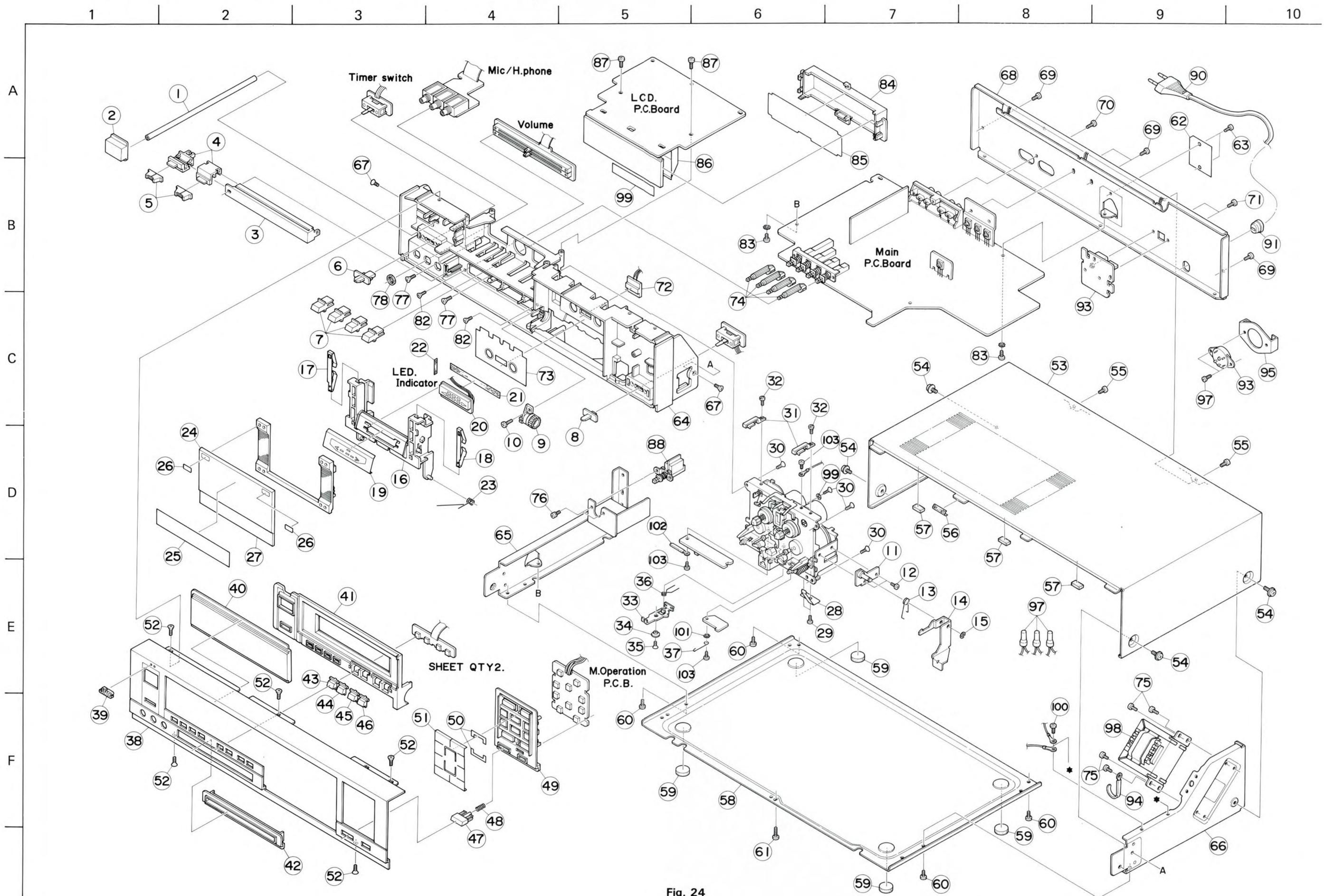


Fig. 24

Enclosure Assembly Parts List

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

△	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	1	VKS4003-016	Pipe		1
	2	VXP3108-001	Power Knob	(SLV)	1
	"	" -002	"	(BLK)	1
	3	VJD3339-003	Blind	(SLV)	1
	"	" -002	"	(BLK)	1
	4	VKS3159-001	Lever		2
	5	VXS4072-004	Slide Knob	(SLV)	2
	"	" -005	"	(BLK)	1
	6	VXS4041-005	Slide Knob	Timer	1
	7	VXP4346-001	Push Button	Tape Select	4
	8	VXS4042-002	Slide Knob	(SLV)	1
	"	" -003	"	(BLK)	1
	9	VYH4054-00F	GEAR		1
	10	SDSF3010Z	Screw	Damp	1
	11	VKL5324-00B	Eject BKT. Ass'y		1
	12	SDST2604Z	Screw	Eject BKT	2
	13	VKW4396-002	Spring		1
	14	VKL3534-001	Eject lever		1
	15	REE2500	E. Washer		1
	16	VJT2077-004	Cassette Holder		1
	17	VKY4271-003	Spring		1
	18	" -004	"		1
	19	VJD4637-006	Plate		1
	20	SLA-5641-06	L.E.D.		1
	21	VYSA1R4-066	Spacer		1
	22	F00303-34	Spacer		2
	23	VKW3006-091	Spring		1
	24	VJT4085-00B	LID	(SLV)	1
	"	" -00A	"	(BLK)	1
	26	VJT4068-001	Lid Plate		2
	27	VJT4078-002	"	(SLV)	1
	"	" -003	"	(BLK)	1
	28	VKY4296-001	Spring		1
	29	SDST2603Z	Screw		2
	30	SDSF3010Z	"	Mecha	4
	31	VSH1124-002	Leaf Switch		2
	32	SDST2606Z	Screw		2
	33	VKL5315-002	SW Lever		1
	34	VKH3013-017	Flange Collar		1
	35	SSST2605Z	Screw		1
	36	VKW4379-001	Spring		1
	37	VKW4466-001	Hold Wire		1
	38	VJC1358-001	Front Panel	(SLV)	1
	"	" -002	"	(BLK)	1
	39	E70913-002	Mark	(SLV)	1
	"	" -001	"	(BLK)	1
	40	VJK3238-002	Finder	(SLV)	1
	"	" -001	"	(BLK)	1
	41	VJD2231-001	Meter Escutcheon	(SLV)	1
	"	" -002	"	(BLK)	1
	42	VJD4803-001	Volume Escutcheon	(SLV)	1
	"	" -002	"	(BLK)	1
	43	VXP4347-003	Push Button	Play	1
	44	" -004	"	Stop	1
	45	" -008	"	Scan Set	1
	46	" -001	"	Reset	1
	47	VXP4349-00B	"	Eject (SLV)	1
	"	" -00A	"	Eject (BLK)	1
	48	VKW3001-063	Spring		1
	49	VJD3472-001	Button Escutcheon	(SLV)	1
	49	VJD3472-002	Button Escutcheon	(BLK)	1
	50	VYTT442-001	Sheet	(SLV)	1
	"	" -002	"	(BKL)	1

⚠	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	51	VJD4804-001	Button Plate	(SLV)	1
	"	" -002	"	(BLK)	1
	52	SSSF3008Z	Screw	Front Plate	5
	53	VJC2101-003	Top Cover	(SLV)	1
	"	" -004	"	(BLK)	1
	54	VKZ3001-002	Special Screw	(SLV)	4
	"	" -004	"	(BLK)	1
	55	SDST3006N	Screw		2
	56	VYSA1R8-027	Spacer		1
	57	VYSR103-019	"		1
	58	VJC1195-004	Bottom Cover		1
	59	VJF4003-002	Foot		4
	60	SDST3006Z	Screw		4
	61	SBSF3008Z			1
	62	VYN2127-002KA	Name Plate	KD-V400 B (SLV)	1
	"	VYN2134-002KA	"	" (BLK)	1
	"	VYN2127-003KA	"	KD-V400 A (SLV)	1
	"	VYN2134-003KA	"	" (BLK)	1
	"	VYN2127-004KA	"	KD-V400 C (SLV)	1
	"	VYN2134-004KA	"	" (BLK)	1
	"	VYN2127-005KA	"	KD-V400 E/ED (SLV)	1
	"	VYN2134-005KA	"	" (BLK)	1
	"	VYN2127-006KA	"	KD-V400 J (SLV)	1
	"	VYN2434-006KA	"	" (BLK)	1
	"	VYN2127-007KA	"	KD-V400 U (SLV)	1
	"	VYN2134-007KA	"	" (BLK)	1
	63	E48729-002	Rivet		2
	64	VJC1355-003	Front Panel		1
	65	VKL2214-001	AMP Chassis (L)		1
	66	VKL3494-001	" (R)		1
	67	SSST3006Z	Screw		2
	68	VJC2127-007	Rear Panel	KD-V400 C/J	1
	"	VJC2127-008	"	KD-V400 A/B/E/U	1
	69	SDST3006N	Screw		4
	70	SDSF3008N	"		1
	71	SDST3006N	"	KD-V400 B/E/U	2
	72	LD-702	L.E.D.	(SLV)	1
	"	" -702YU		(BLK)	1
	73	VJD4811-001	Sheal		1
	74	VKS4634-001	Remote Bar		4
	75	SDST3006Z	Screw	P. Transformer	4
	76	LPSP3006Z	"	Power Switch	2
	77	SDST3006Z	"	Push Switch	2
	78	VKZ4150-001	Special Nut		1
	82	"	"	Slide Volume	2
	83	SDST3006Z	"	P.C. Board	2
	87	SDSF3008Z	Screw	L.C.D P.C. Board	2
⚠	88	QSP1110-305	Push Switch	Power (S901) KD-V400 A/E	1
⚠	"	QSP1110-305BS	"	Power (S901) KD-V400 B	1
⚠	"	QSP1110-306	"	Power (S901) KD-V400 U	1
⚠	"	QSP1110-308	"	Power (S901) KD-V400 C/J	1
⚠	89	WAS3000	Washer		2
⚠	90	QMP1200-200	Power Cord	KD-V400 C/J	1
⚠	"	QMP2560-200	"	KD-V400 A	1
⚠	"	QMP3900-200	"	KD-V400 E	1
⚠	"	QMP7600-200	Power Cord	KD-V400 U	1
⚠	"	QMP9017-008BS	"	KD-V400 B	1
⚠	91	QHS3876-162	S.R. Bushing	KD-V400 C/E/J/U	1
⚠	"	QHS3876-162BS	"	KD-V400 B	1
⚠	93	QSR0084-001	Rotary Switch	(902) KD-V400 U	1
⚠		QSS2325-203	Slide Switch	(S902) KD-V400 A/B/E	1
	94	VKZ4001-011	Wire Holder		2
	95	VKL4275-001	Bracket	V. Selecter KD-V400 U	1

⚠	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	96	SDSP3006R	Screw	V. Selector	2
	97	TAW000504-01	Connector	KD-V400 C/J	3
	"	TAW000504-01	"	KD-V400 U	1
⚠	98	VTP57A3-021B	Power Trans	KD-V400 C/J	1
⚠	"	VTP57C3-031B	Power Transf.	KD-V400 A/E	1
⚠	"	" -031BBS	"	KD-V400 B	1
⚠	"	VTP57U3-031B	"	KD-V400 U	1
	99	Q03093-814	Washer	(SLV)	1
	100	SDST3006Z	Screw	Lug	2
	101	WBS2600N	Washer		2
	102	VKZ4001-009	Wire Holder		1
	103	SDST2606Z	Screw		3

Packing

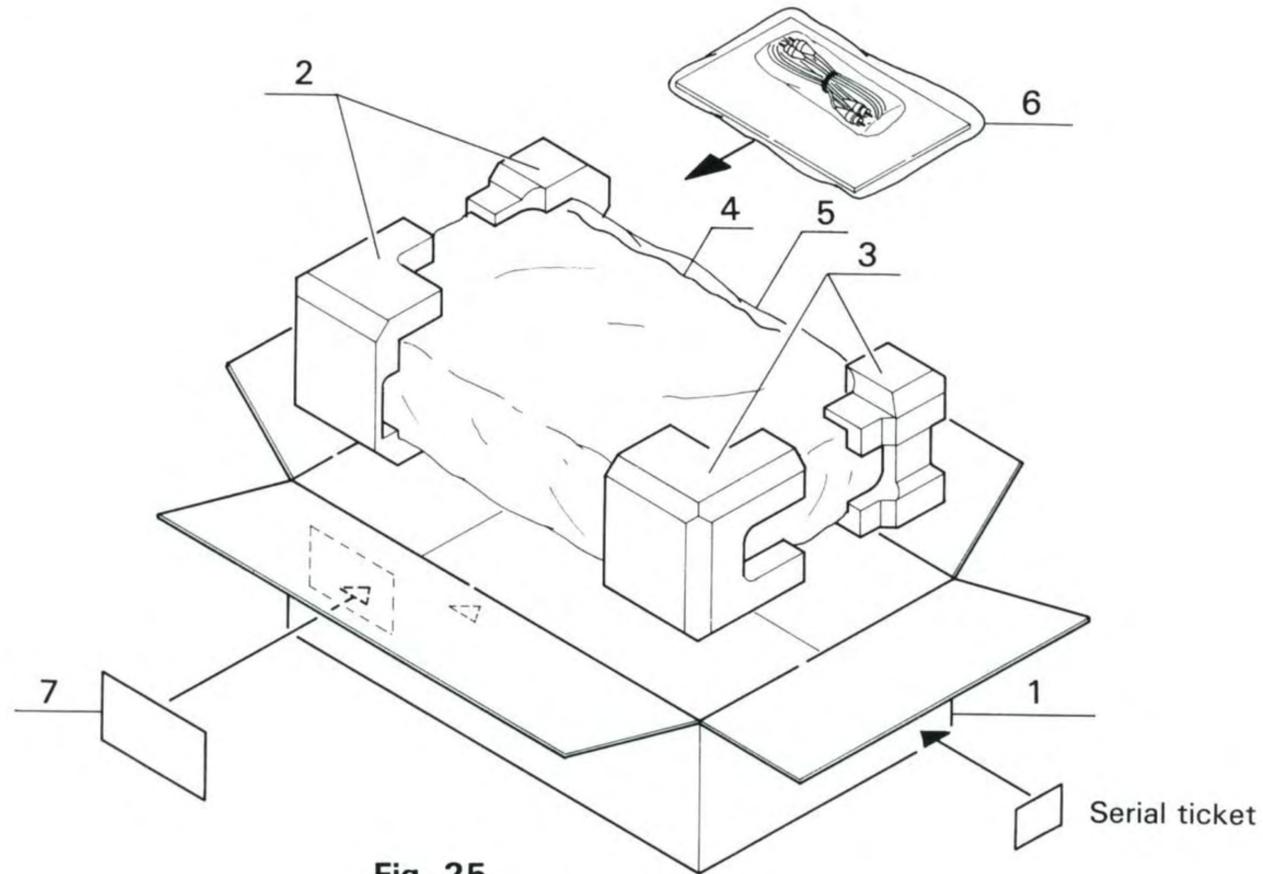


Fig. 25

⚠ parts are safety assurance parts.

When replacing those parts, make sure to use the specified one.

Packing Parts List

⚠	Ref. No.	Parts No.	Parts Name	Remarks	Q'ty
	1	VDP2127-J02	Carton	KD-V400 B	1
		" -J03	"	KD-V400 A	1
		" -J04	"	KD-V400 C	1
		" -J05	"	KD-V400 E	1
		" -J06	"	KD-V400 J	1
		" -J07	"	KD-V400 U	1
		" -J08	"	KD-V400 E (D)	1
		VPC2134-002	"	KD-V400 NB	1
		" -003	"	KD-V400 NA	1
		" -004	"	KD-V400 NC	1
		" -005	"	KD-V400 NE	1
		" -006	"	KD-V400 NJ	1
		" -007	"	KD-V400 NU	1
		" -008	"	KD-V400 NE (D)	1
	2	VPH3125-001	Cushion (L)		1
	3	VPH3126-001	" (R)		1
	4	VPK4002-006	Sheet		1
	5	VPE3004-026	Poly Bag	KD-V400 for Unit	1
	6	" -007	"	for Inst. Book	1
	7	E66416-003	Envelope	KD-V400 J/U/NJ/NU for Warranty Cord	1

Accessories

⚠ parts are safety assurance parts.
When replacing those parts, make sure to use the specified one.

⚠	Parts No.	Parts Name	Remarks	Q'ty
	VNN0137-302	Instruction Book	KD-V400 B/E/E(D)/NB/NE	1
	" -903	"	KD-V400 A/C/J/U/NA /NC/NJ/NU	1
	VMP0039-00A	Pin Cord		1
	VNC5004-001	Mark Sticker	KD-V400 B/E/NB/NE	1
	VPZ4001-001	Serial Ticket		1
	QZL1002-003	Warning Label	KD-V400 B/NB	1
	TJL000443-01	Seal	KD-V400 B	1
	TJL000420-01	"	KD-V400 NB	1
	VND4113-001	G. Caution	KD-V400 B/NB/J/NJ	1
	BT20060	Warranty Card	KD-V400 B/NB	1
	BT20066	"	KD-V400 B/E(D)/NB	1
	BT20029C	"	KD-V400 A/NA	1
	BT20025H	"	KD-V400 C/NC	1
	BT20047A	"	KD-V400 J/U/NJ/NU	1
	BT20064	"	KD-V400 E(D)	1
	VNC1200-002	Copyright Law	KD-V400 C/NC	1
	T44362-001	CSA Label	KD-V400 C/NC	1
	BT20071A	SVC Centre List	KD-V400 C/NC	1
	BT20046B	Special Reply Card	KD-V400 J/U/NJ/NU	1
	BT20044D	Safety Instruction	KD-V400 J/NJ	1
	VNC5311-201	Caution Card	EES	1
	" -202	"	KD-V400 U/NU PX	1
	VND4037-002	F. Mark	KD-V400 U/NU	1
	V04062-001	Siemens Plug	KD-V400 E(D)/NE(D) KD-V400 U/NU	1

JVC

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