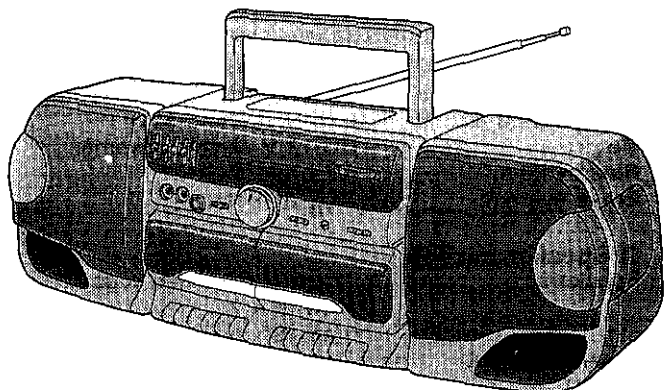


SHARP SERVICE MANUAL

No. SX674WF971TBK



WF-971T(BK)

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

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REPLACEMENT PARTS LIST / EXPLODED VIEW	

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

SPECIFICATIONS

● General

Power source: AC 220-230 V, 50 Hz
DC 12 V ["D" size (UM/SUM-1, R20 or HP-2) battery × 8 or external DC 12V]

Power consumption: 30 W

Output power: PMPO; 60 W (30 W + 30 W) (AC operation)
MPO (Max.);
20 W (10 W + 10 W) (AC operation)
RMS; 10 W (5 W + 5 W) (DC operation, DIN 45 324)

Input terminal: Mixing microphone; 600 ohms
CD/LINE; 350 mV/47 kohms

Output terminal: Headphones; 16-50 ohms (recommended; 32 ohms)

Dimensions: Width; 300 mm (11-13/16")
Height; 217 mm (8-9/16")
Depth; 186 mm (7-3/8")

Weight: 2.9 kg (6.4 lbs.) without batteries

● Radio section

Frequency range: FM; 64 - 108 MHz
MW; 526.5 - 1,606.5 kHz
LW; 148.5 - 283.5 kHz

● Tape recorder section

Frequency response: 60 - 12,000 Hz (Normal tape)

Signal/noise ratio: 40 dB (TAPE 1, recording/playback)

55 dB (TAPE 2, playback)

Wow and flutter: 0.15 % (DIN 45 511)

Motor: DC 12 V electric governor

Bias system: AC bias

Erase system: Magnet erase

● Speaker section

Speakers: 12 cm (4-3/4") free-edge speaker × 2
5 cm (2") surround speaker × 2

Maximum input power: 10 W

Impedance: 3 ohms (surround speaker)
6 ohms

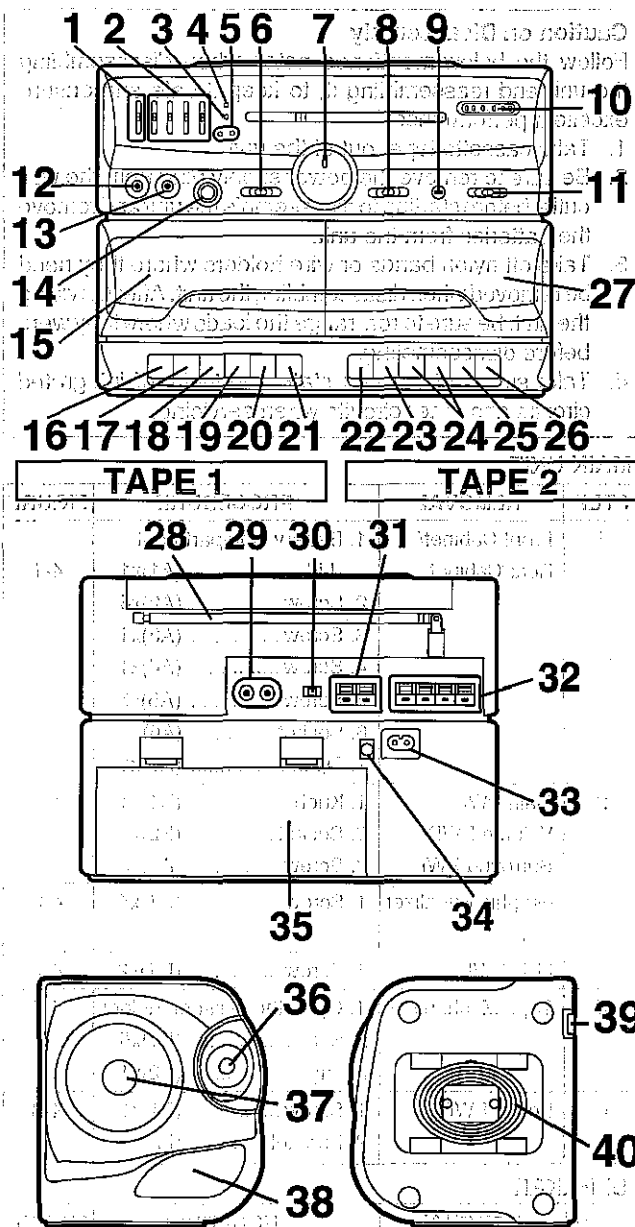
Dimensions: Width; 195 mm (7-11/16")
Height; 217 mm (8-9/16")
Depth; 189 mm (7-1/2")

Weight: 1.2 kg (2.6 lbs.)/each

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

NAMES OF PARTS

1. Extra Bass Control: X-BASS
2. Graphic Equalizer Controls
3. FM Stereo Indicator
4. Power Indicator
5. (TAPE 2) Play Direction Indicators
6. Function Selector Switch
7. Volume Control
8. Dubbing Speed/Built-in Microphone/FM Mode Switch
9. Built-in Microphone
10. Tuning Control
11. Band Selector Switch
12. Headphone Socket
13. Mixing Microphone Socket
14. Surround Switch
15. (TAPE 1) Cassette Compartment
16. (TAPE 1) Record Button: ●
17. (TAPE 1) Play Button: ▶
18. (TAPE 1) Rewind Button: ◀◀
19. (TAPE 1) Fast Forward Button: ▶▶
20. (TAPE 1) Stop/Eject Button: ■▲
21. (TAPE 1) Pause Button: ||
22. (TAPE 2) Reverse Mode Switch: ◀▶
23. (TAPE 2) Play Button: ◀▶
24. (TAPE 2) Fast Wind Buttons: ◀◀▶▶
25. (TAPE 2) Stop/Eject Button: ■▲
26. (TAPE 2) Direction Switch: ◀▶
27. (TAPE 2) Cassette Compartment
28. FM Telescopic Rod Aerial
29. CD/Line Input Sockets
30. Beat Cancel Switch
31. Surround Speaker Terminals
32. Speaker Terminals
33. AC Power Input Socket
34. DC Power Input Socket
35. Battery Compartment
36. Surround Speaker
37. Full Range Speaker
38. Bass Reflex Duct
39. Speaker Release Lever
40. Speaker Wire



FITTING OF DIAL POINTER

1. Remove the main PWB. Attach the dial pointer as shown arrow (A) on the front cabinet, putting it into the section indicated by arrow (B). Insert it between the arrows (C).
2. Install the main PWB in the front cabinet and secure it with the two screws.
3. Turn the dial drum in the direction indicated by arrow (D). Set the dial pointer to point "0", and then make the rest of the adjustments.

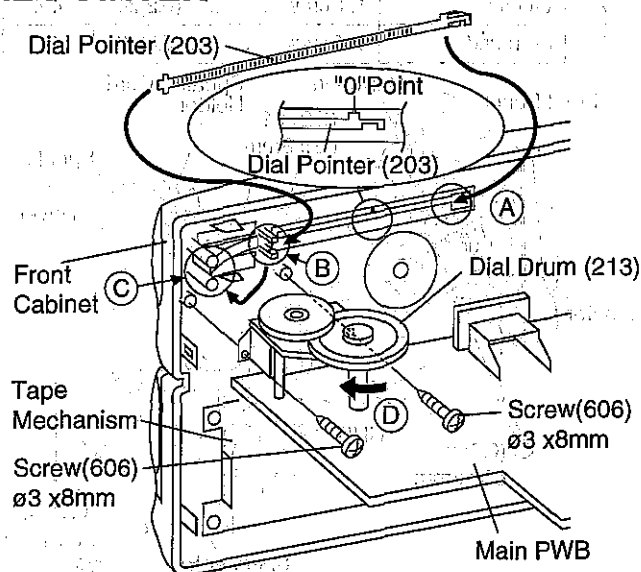


Figure 3

DISASSEMBLY

Caution on Disassembly

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

1. Take cassette tape 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.

MAIN UNIT

STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Cabinet/ Rear Cabinet	1. Battery Compartment Lid (A1)x1 2. Screw (A2)x4 3. Screw (A3)x1 4. Screw (A4)x1 5. Screw (A5)x5 6. Socket (A6)x1 7. Tip (A7)x1	4-1
2	Main PWB/ Volume PWB/ Surround PWB	1. Knob (B1)x1 2. Socket (B2)x5 3. Screw (B3)x2	4-2
3	Graphic Equalizer PWB	1. Screw (C1)x4	4-2
4	LED PWB	1. Screw (D1)x2	4-2
5	Tape Mechanism	1. Open the cassette holder 2. Screw (E1)x5 3. Lug (E2)x1	4-2
6	Power PWB	1. Screw (F1)x1 2. Bracket (F2)x1	4-3

SPEAKER

STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Panel	1. Screw (G1)x4	4-4
2	Woofer	1. Screw (G2)x4	4-4
3	Surround	1. Screw (G3)x2	4-4

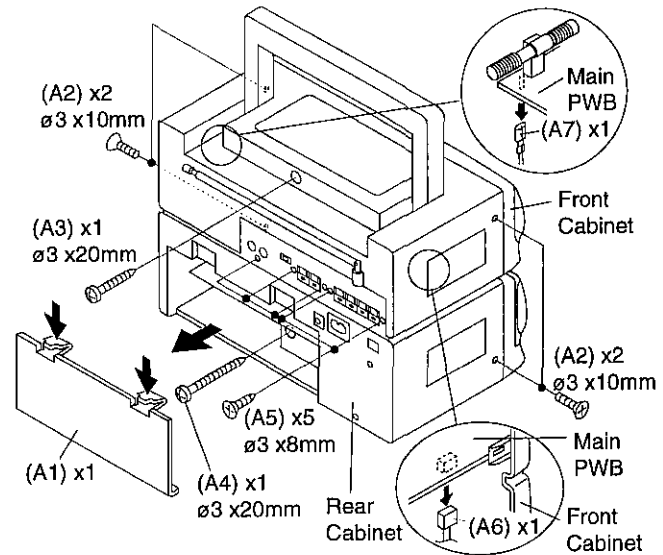


Figure 4-1

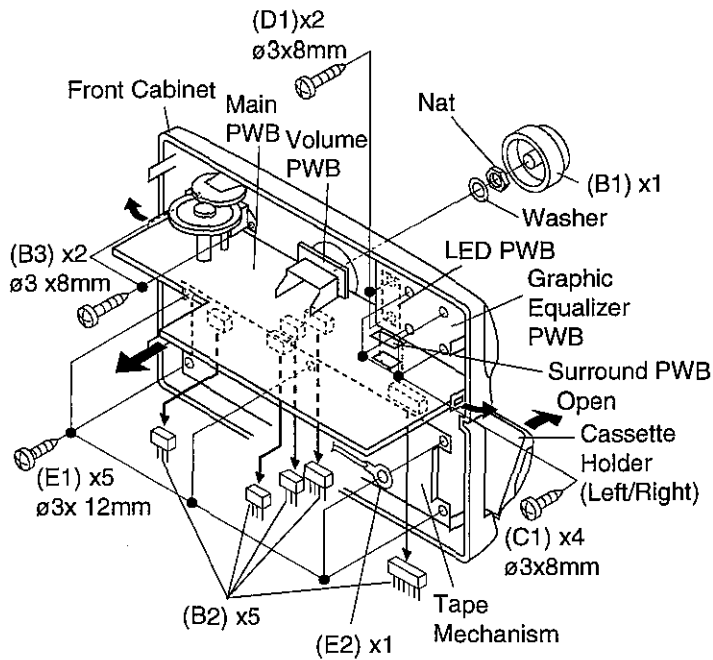


Figure 4-2

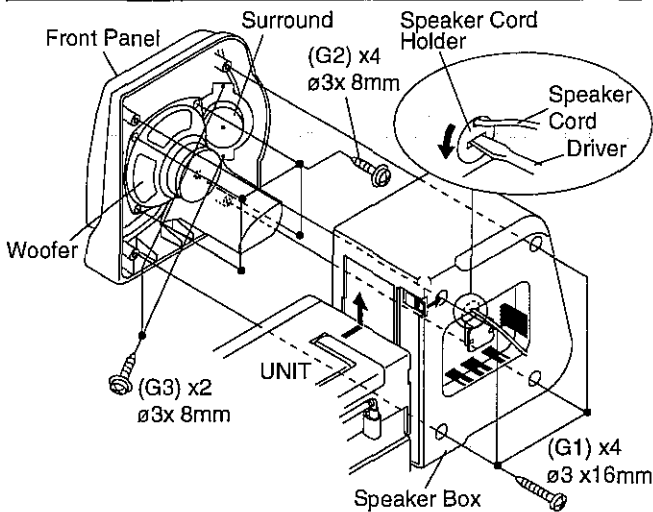


Figure 4-4

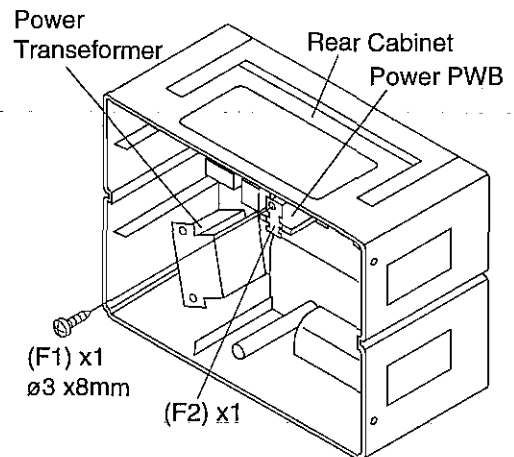


Figure 4-3

REMOVING AND REINSTALLING THE MAIN PARTS

TAPE MECHANISM SECTION

Perform steps 1, 2 and 5 of the disassembly method to remove the tape mechanism. (See page 4.)

How to remove the record / playback, playback and erase heads (See Fig. 5-1 and 5-2.)

1. Remove the screws (A1) x 2 pcs., to remove the record/playback head.
2. Remove the hooks (A2) x 2 pcs., toward the center position as shown in Fig. 5-1, and then extract the erase head upward.
3. Remove the screws (B1) x 2 pcs., 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 heads and performing the azimuth adjustment, be sure to apply screwlock.

How to remove the pinch roller (See Fig. 5-3.)

1. Carefully bend the pinch roller pawl in the direction of the arrow A, and remove the pinch roller (C1) and (C2) upwards.

How to remove the motor (See Fig. 5-4.)

1. Remove the belt.
2. Remove the screws (D1) x 4 pcs., to remove the motor bracket.
3. Remove the screws (D2) x 3 pcs., to remove the motor.

Note:
When mounting the motor, pay attention to the motor mounting angle.

How to remove the belts (See Fig. 5-5.)

1. Remove the main belt (E1) x 1 pc., at the tape 1 side from the motor pulley.
2. Remove the main belt (E2) x 1 pc., at the tape 2 side from the motor pulley.
3. Remove the REW/FF belt (E3) x 2 pcs., from the REW/FF roller.
4. Put on the belts in the reverse order of removal.

Note:
When putting on the belt, ascertain that the belt is not twisted, and clean it.

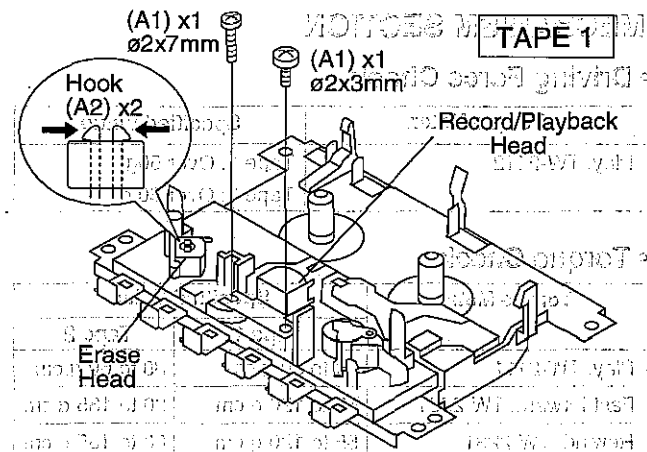


Figure 5-1

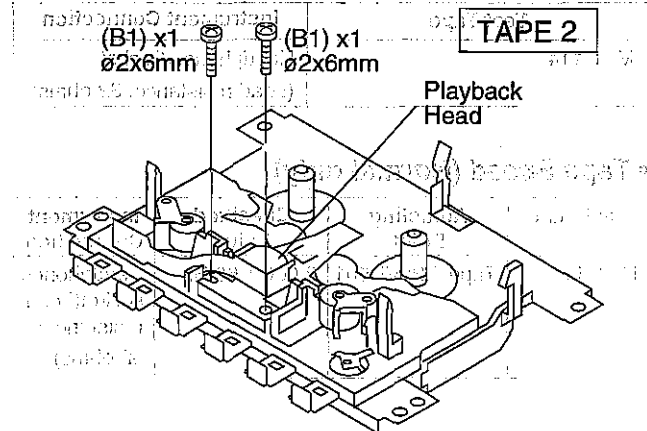


Figure 5-2

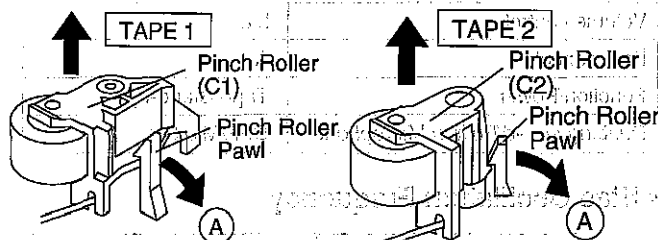


Figure 5-3

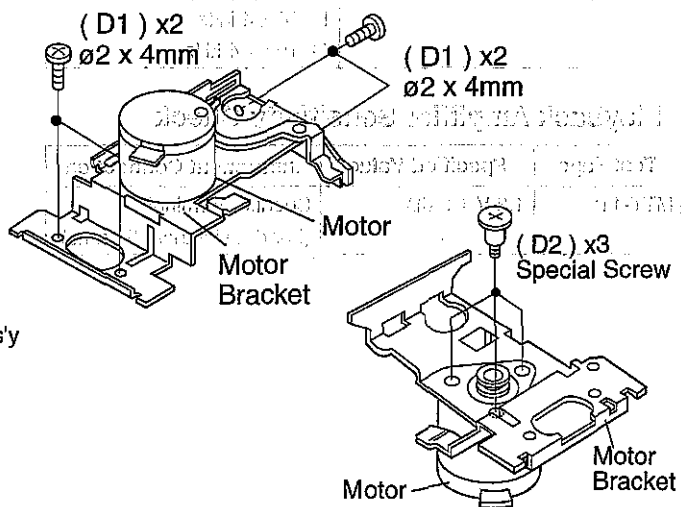


Figure 5-4

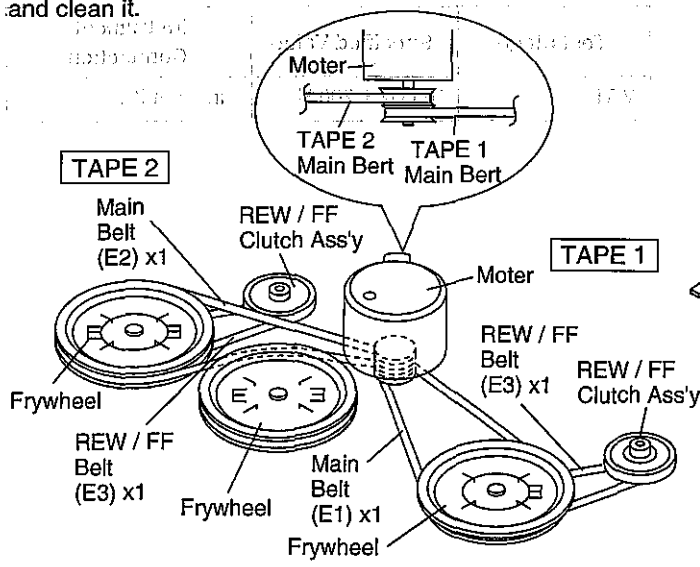


Figure 5-5

ADJUSTMENT

MECHANISM SECTION

• Driving Force Check

Torque Meter	Specified Value
Play: TW-2412	Tape 1: Over 50g Tape 2: Over 60 g

• Torque Check

Torque Meter	Specified Value	
	Tape 1	Tape 2
Play: TW-2111	30 to 60 g.cm	30 to 60 g.cm
Fast forward: TW-2231	55 to 120 g.cm	80 to 135 g.cm
Rewind: TW-2231	55 to 120 g.cm	80 to 135 g.cm

• Head Azimuth

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

• Tape Speed (Normal only)

Test Tape	Adjusting Point	Specified Value	Instrument Connection
MTT-111	Tape 1,2: VR501	3,000 ± 60 Hz	Headphones socket(Load resistance: 32 ohms)

TAPE SECTION

Position of each switch or control	
Volume control	Max
Beat cancel	A
Function/Power	Tape/Stand-by
Dubbing speed/Built-in Microphone	OFF/Mic ON

• Bias Oscillation Frequency

	Specified Value
Beat cancel	A: 100 ± 4 kHz B: 94 ± 4 kHz C: 104 ± 4 kHz

• Playback Amplifier Sensitivity Check

Test Tape	Specified Value	Instrument Connection
MTT-118	1.3 V ± 3 dB	Speaker terminal (Load resistance: 3 ohms)

TUNER SECTION

fL: Low-range frequency

fH: High-range frequency

• AM IF/RF

Test Stage	Specified Value/Adjusting Point	Instrument Connection
IF	T3	Input: Antenna Output: Pin 3 of IC2
MW Band Coverage	fL: L6 fH: TC8	Input: Antenna Output: Headphones Socket (Load resistance: 32ohms)
MW Tracking	fL (600 kHz): L3 (MW) fH (1,400 kHz): TC7	
LW Band Coverage	fL(148.5kHz): L7 fH(283.5kHz): TC4	
LW Tracking	fL : (LW) fH : TC2	

• FM IF/RF

Test Stage	Specified Value/Adjusting Point	Instrument Connection
IF	T1	Input: Antenna Output: Pin17 of IC2
Detection	T2	
Band Coverage	fL: L2 fH: TC6	Input: Antenna Output: Headphones Socket (Load resistance: 32ohms)
Tracking	fL (88.0 MHz): L1 fH (108.0 MHz): TC5	

• VCO Frequency

Test Stage	Specified Value	Instrument Connection
VR1	76 kHz ± 200 Hz	Pin 13 of IC2

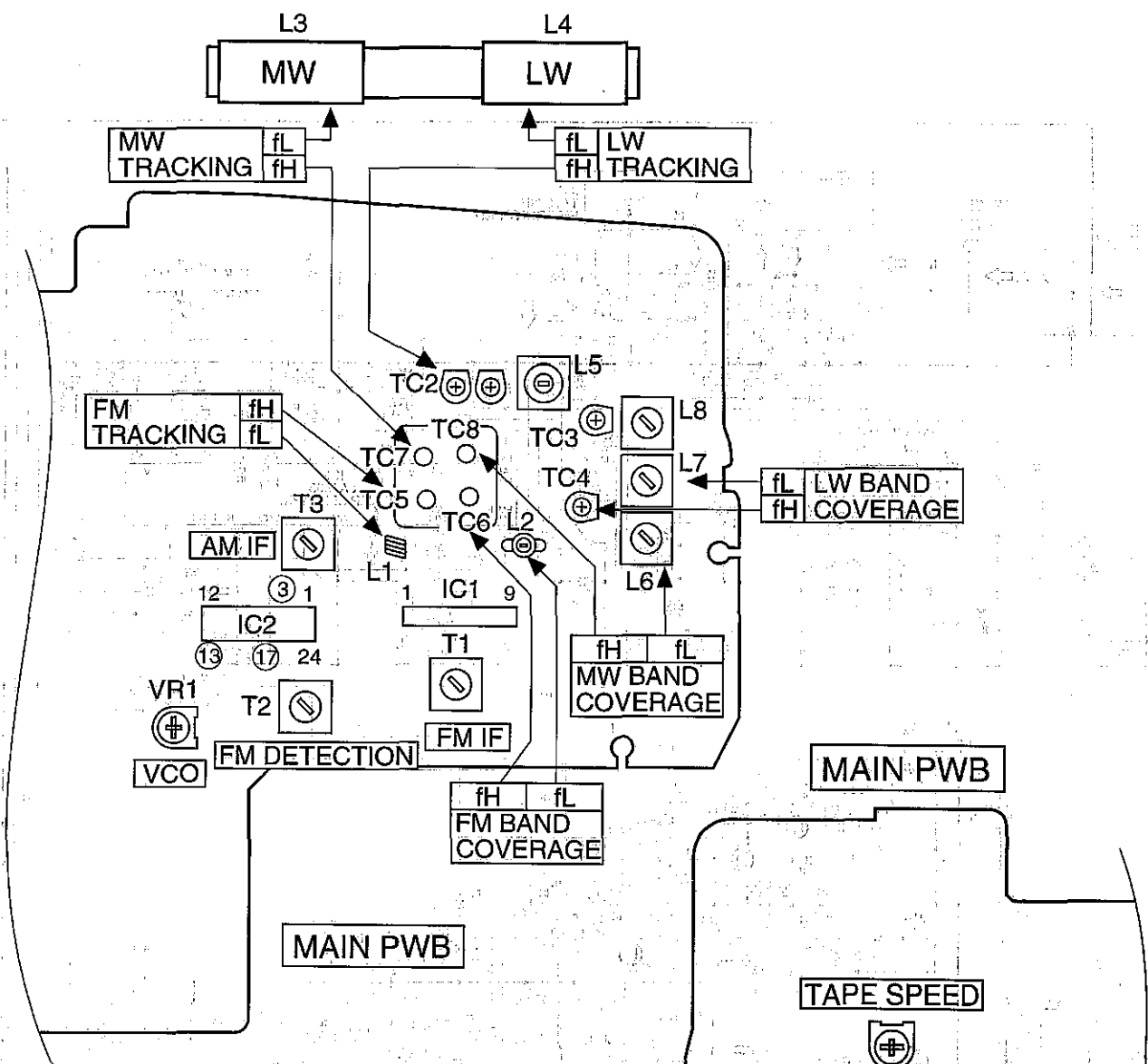


Figure 7-1 ADJUSTMENT POINTS

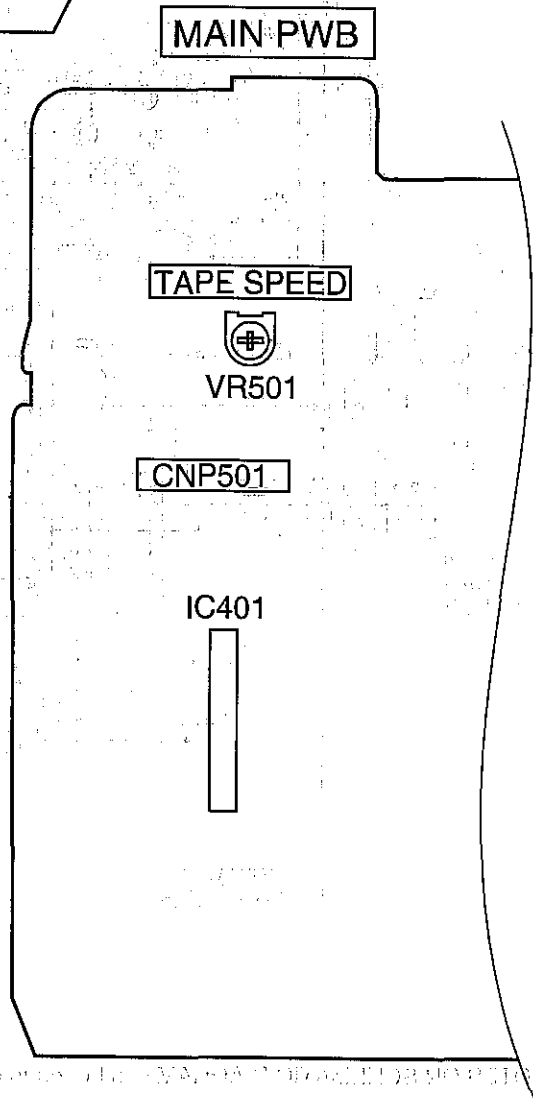
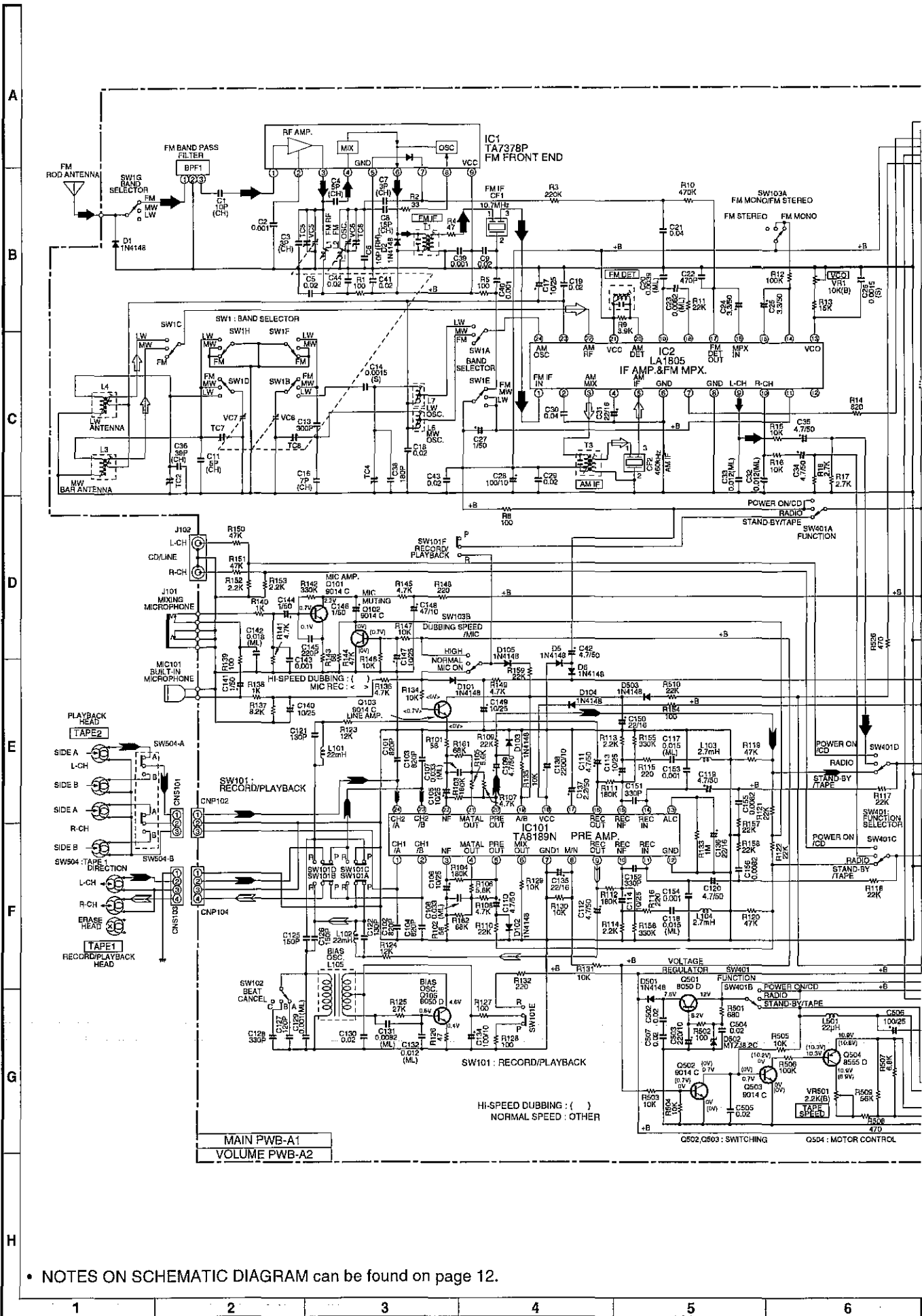
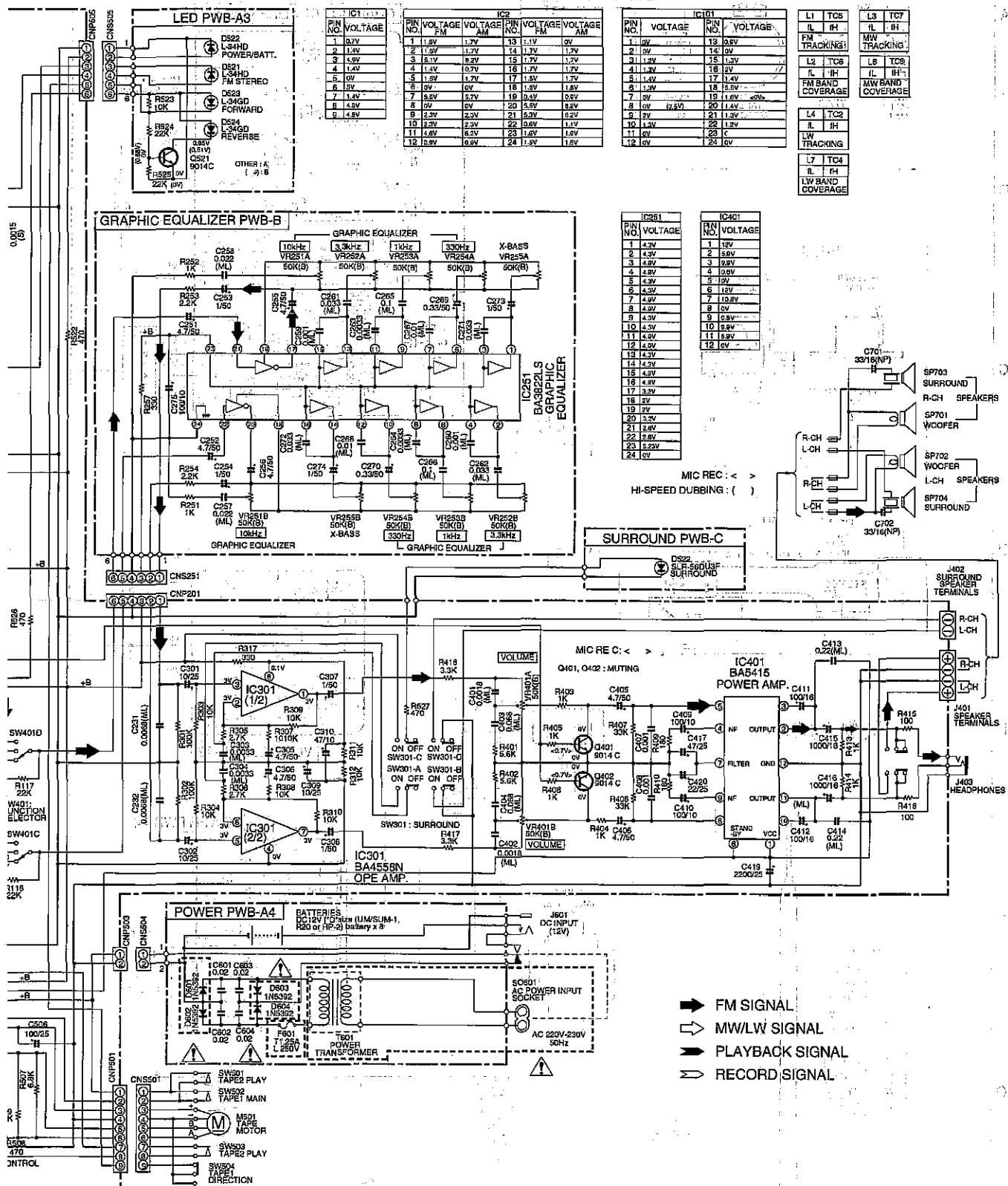


Figure 7-2 ADJUSTMENT POINTS



• NOTES ON SCHEMATIC DIAGRAM can be found on page 12.

Figure 8 SCHEMATIC DIAGRAM (1/2)



→ FM SIGNAL
 ⇨ MW/LW SIGNAL
 ⇨ PLAYBACK SIGNAL
 ⇨ RECORD SIGNAL

Figure 9 SCHEMATIC DIAGRAM (2/2)

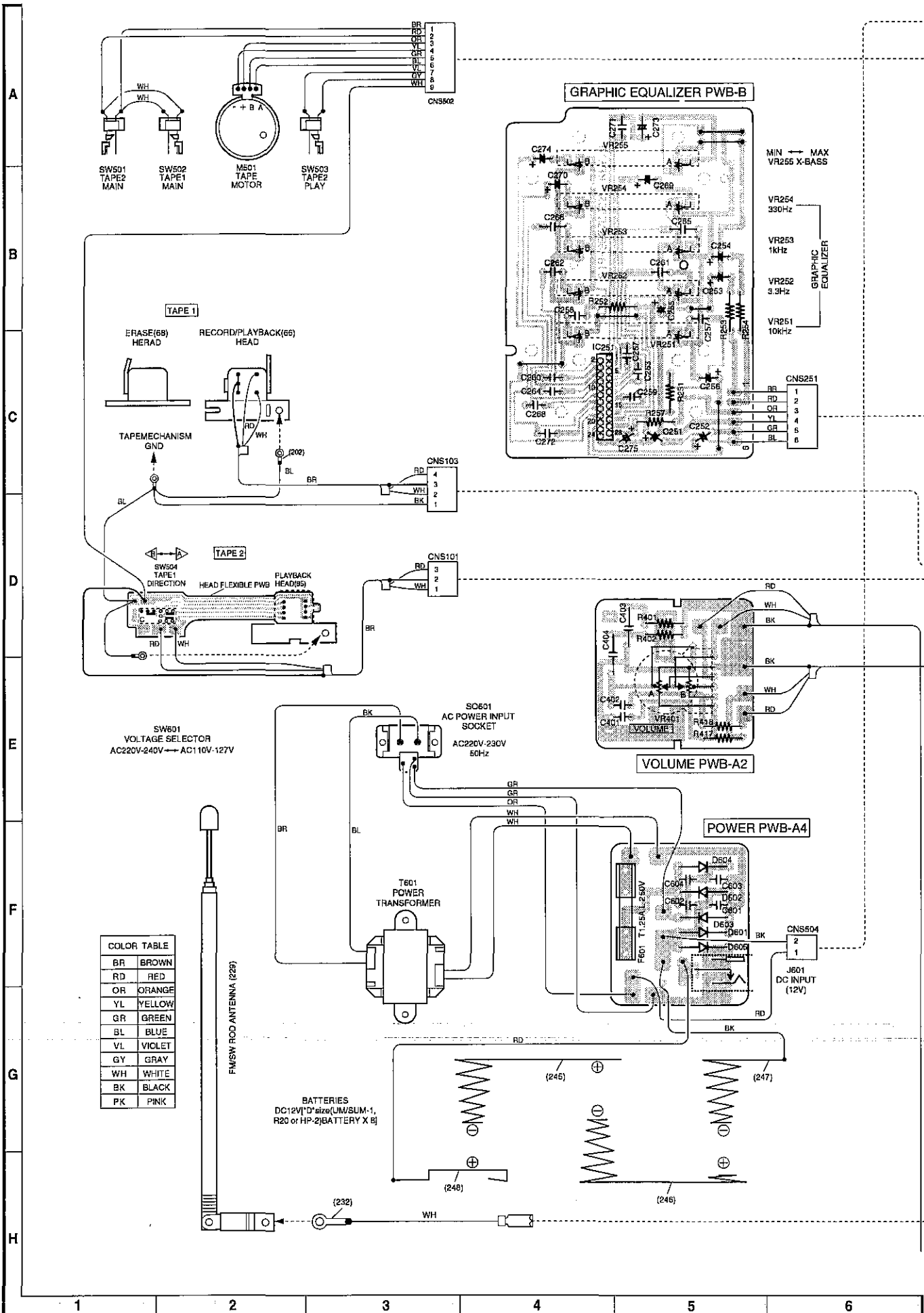
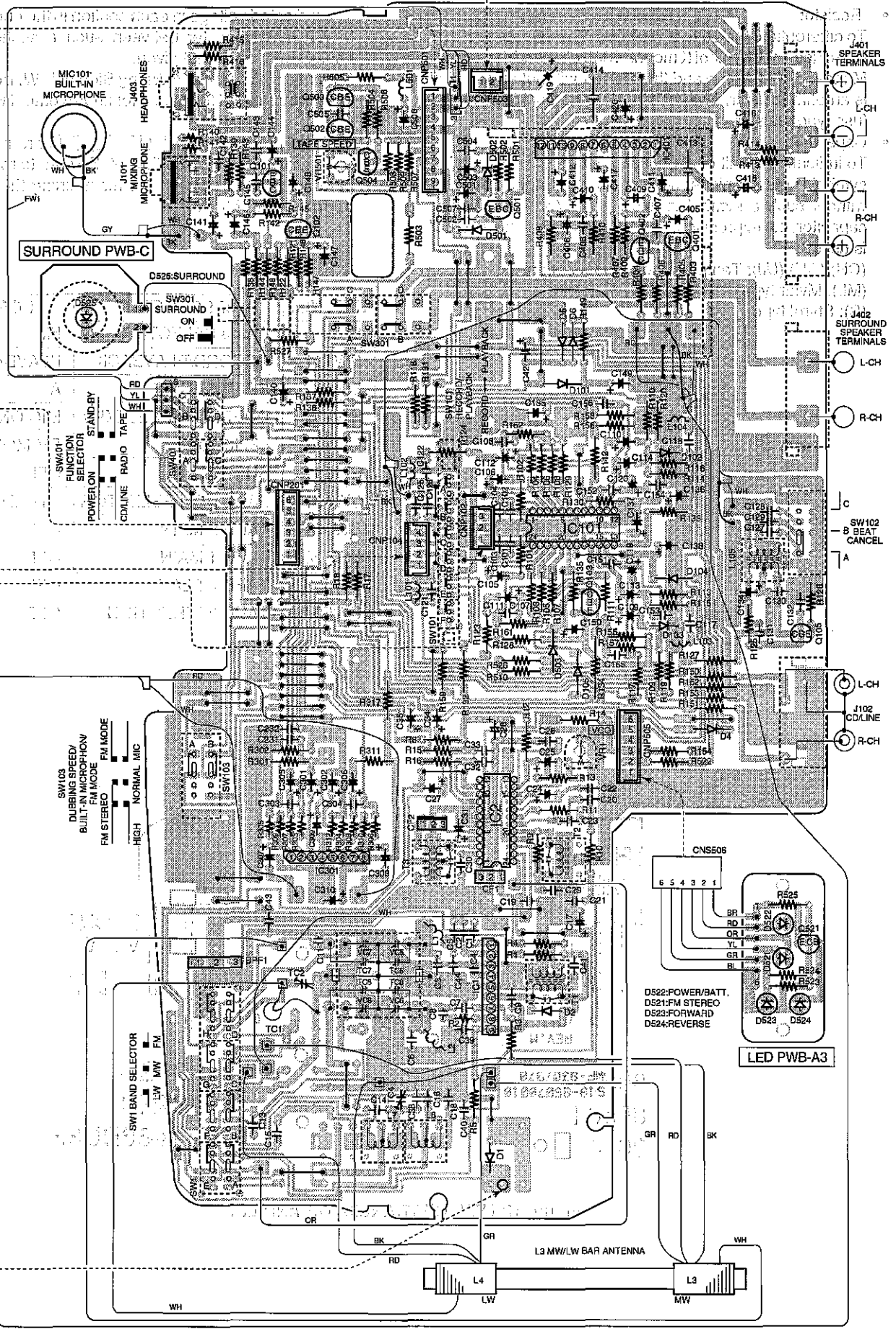


Figure 10 WIRING SIDE OF P.W. BOARD (1/2)

NOTES ON COMPONENTS ENCLAVE

MAIN PWB-A1



SURROUND PWB-C

CNS506

6 5 4 3 2 1

BR
RD
OR
YL
GR
BL

D522
D523
D524

R525
R526
R527

LED PWB-A3

D522-POWER/BATT.
D521-FM STEREO
D523-FORWARD
D524-REVERSE

SW103

DUBBING SPEEDY
BUILT-IN MICROPHONE
FM STEREO
FM MODE
FM MODE

— HIGH
— NORMAL MIC

SW1 BAND SELECTOR

— MW
— FM

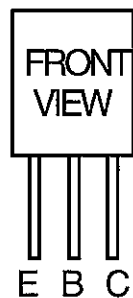
Figure 11 WIRING SIDE OF P.W.BOARD (2/2)

NOTES ON SCHEMATIC DIAGRAM

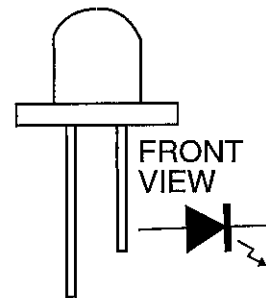
- **Resistor:**
To differentiate the units of resistors, The symbol as K and M are used: the symbol K means 1000 ohm and the symbol M means 1000 kohm and the resistor without any symbol is an ohm resistor. The resistor designated "Fusible" is a fuse type resistor.
- **Capacitor:**
To indicate the unit of capacitor, a symbol P is used: this symbol P means pico-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), (RH), (UJ): Temperature compensation
(ML): Mylar type
(S): Styrol 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.
- 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 SELECTOR	FM
SW101	RECORD/PLAYBACK	PLAYBACK
SW102	BEAT CANCEL	A
SW103	DUBBING SPEED/MIC/ FM MODE	MIC ON/ FM MONO
SW301	SURROUND	OFF
SW401	FANCTION SELECTOR	STAND-BY/TAPE
SW501	TAPE 2 MAIN	OFF
SW502	TAPE 1 MAIN	OFF
SW503	TAPE 2 PLAY	OFF
SW504	TAPE 2 DIRECTION	OFF



8050 D
8550 D
9014 C



L-34GD
L-34HD
SLR-56DU3F

Figure 12 TYPE OF TRANSISTOR AND LED

SHARP PARTS GUIDE

MODEL WF-971T

Part No.	Description	Part No.	Description
1	...	1	...
2	...	2	...
3	...	3	...
4	...	4	...
5	...	5	...
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99	...	99	...
100	...	100	...

MODEL WF-971T(BK)

"HOW TO ORDER REPLACEMENT PARTS"

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

1. MODEL NUMBER
2. PART NO.
3. PART NO.
4. DESCRIPTION

★ MARK: SPARE PARTS-DELIVERY SECTION

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor; Please call Toll-Free; 1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

- VCC Ceramic type
- VCK Ceramic type
- VCT Semiconductor type
- VC •• MF Cylindrical type (without lead wire)
- VC •• MN Cylindrical type (without lead wire)
- VC •• TV Square type (without lead wire)
- VC •• TQ Square type (without lead wire)
- VC •• CY Square type (without lead wire)
- VC •• CZ Square type (without lead wire)
- VC •••••••• J .. The 13th character represents capacity difference.
("J" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
"C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±20%.

Resistors

- VRD Carbon-film type
- VRS Carbon-film type
- VRN Metal-film type
- VR •• MF Cylindrical type (without lead wire)
- VR •• MN Cylindrical type (without lead wire)
- VR •• TV Square type (without lead wire)
- VR •• TQ Square type (without lead wire)
- VR •• CY Square type (without lead wire)
- VR •• CZ Square type (without lead wire)
- VR •••••••• J .. The 13th character represents error.
("J" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±5% carbon-film type.

NOTE:

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

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
INTEGRATED CIRCUITS							
IC1	9FGS3200737872	J AE	FM Front End,TA7378P	C6	VCCCRU1HH100J	J	10 pF (RH),50V
IC2	9FGS3200180561	J AK	IF Amp.& FM MPX.,LA1805	C7	VCCCPU1HH3R0C	J AA	3 pF (CH),50V
IC101	9FGS3200818972	J AH	Pre Amp.,TA8189N	C8	VCCCPU1HH150J	J AA	15 pF (CH),50V
IC251	9FGS3200382257	J AH	Graphic Equalizer,BA3822LS	C9	VCKZPU1HF203Z	J AA	0.02 μF,50V
IC301	9FGS3200455857	J AF	Ope Amp.,BA4558N	C11	VCCCPU1HH5R0C	J AA	5 pF (CH),50V
IC401	9FGS3200541557	J AL	Power Amp.,BA5415	C13	9FGS4323014120	J AG	300 pF,50V,Styrol
TRANSISTORS							
Q101~103	9FGS3390140332	J AB	Silicon,NPN,9014 C	C14	9FGS4322414120	J J	240 pF,50V,Styrol
Q105	9FGS3380500432	J AC	Silicon,NPN,8050 D	C16	VCCCPU1HH7R0C	J AA	7 pF (CH),50V
Q401,402	9FGS3390140332	J AB	Silicon,NPN,9014 C	C17	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
Q501	9FGS3380500432	J AC	Silicon,NPN,8050 D	C18,19	VCKZPU1HF203Z	J AA	0.02 μF,50V
Q502,503	9FGS3390140332	J AB	Silicon,NPN,9014 C	C20	VCQYKU1HM392K	J AA	0.0039 μF,50V,Mylar
Q504	9FGS3385500432	J AC	Silicon,PNP,8550 D	C21	VCKZPU1HF403Z	J AA	0.04 μF,50V
Q521	9FGS3390140332	J AB	Silicon,NPN,9014 C	C22	VCKYPU1HB471K	J AA	470 pF,50V
DIODES							
D1,2	9FGS3600414857	J AA	Silicon,1N4148	C23	VCQYKU1HM822K	J AA	0.0082 μF,50V,Mylar
D5,6	9FGS3600414857	J AA	Silicon,1N4148	C24,25	RC-GZA335AF1H	J AB	3.3 μF,50V,Electrolytic
D101~105	9FGS3600414857	J AA	Silicon,1N4148	C26	VCQSM1HL152J	J AB	0.0015 μF,50V,Styrol
D501	9FGS3600414857	J AA	Silicon,1N4148	C27	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
D502	9FGS3710823557	J AB	Zener,8.2V,MTZJ8.2C	C28	RC-GZA107AF1A	J AB	100 μF,10V,Electrolytic
D503	9FGS3600414857	J AA	Silicon,1N4148	C29	VCKZPU1HF203Z	J AA	0.02 μF,50V
D521,522	9FGS3523200100	J AB	LED,Red,L-34HD	C30	VCKZPU1HF403Z	J AA	0.04 μF,50V
D523,524	9FGS3553200100	J AD	LED,Green,L-34GD	C31	RC-GZA226AF1C	J AB	22 μF,16V,Electrolytic
D525	9FGS3534200100	J AE	LED,Orange,SLR-56DU3F	C32,33	VCQYKU1HM123K	J AA	0.012 μF,50V,Mylar
△D601~605	9FGS3600539200	J AB	Silicon,1N5392	C34,35	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
FILTERS							
BPF1	9FGS6319803002	J AN	FM Band Pass Filter	C36	VCCCPU1HH390J	J AB	39 pF (CH),50V
CF1	9FGS6321072001	J AC	FM IF,10.7 MHz	C38	VCCSPU1HL181J	J AA	180 pF,50V
CF2	9FGS6324600002	J AE	AM IF,460 kHz	C39,40	VCKYPU1HB102K	J AA	0.001 μF,50V
TRANSFORMER							
T1	9FGS4741000701	J AC	FM IF	C41	VCKZPU1HF203Z	J AA	0.02 μF,50V
T2	9FGS4741000701	J AC	FM Detection	C42	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
T3	9FGS4731000511	J AC	AM IF	C43,44	VCKZPU1HF203Z	J AA	0.02 μF,50V
△T601	9FGS4857001132	J AR	Power	C101~104	VCKYPU1HB821K	J AA	820 pF,50V
COILS							
L1	9FGS4710045805	J AA	FM RF	C105,106	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
L2	9FGS4710345804	J AD	FM Oscillation	C107,108	VCQYKU1HM333K	J AB	0.033 μF,50V,Mylar
L3	9FGS4608011717	J AB	MW Bar Antenna	C109~112	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
L4	9FGS4624030700	J AD	LW Bar Antenna	C113,114	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
L6	9FGS4721000510	J AC	MW Oscillation	C117,118	VCQYKU1HM153K	J AA	0.015 μF,50V,Mylar
L7	9FGS4721000540	J AC	LW Oscillation	C119,120	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
L101,102	9FGS4522340502	J AC	22 mH,Choke	C121,122	VCCSPU1HL131J	J AB	130 pF,50V
L103,104	9FGS45227240502	J AC	2.7 mH,Choke	C125,126	VCCSPU1HL151J	J AA	150 pF,50V
L105	9FGS4761000601	J AD	Bias Oscillation	C127	VCCSPU1HL121J	J AA	120 pF,50V
L501	9FGS4522042002	J AC	22 μH,Choke	C128	VCCSPU1HL331J	J AA	330 pF,50V
VARIABLE RESISTORS							
VR1	9FGS5392103001	J AC	10 kohm (B),Semi-VR [VCO]	C129	VCQYKU1HM102K	J AA	0.001 μF,50V,Mylar
VR251~254	9FGS5342503002	J AD	50 kohms (B)x2 [Graphic Equalizer]	C130	VCKZPU1HF203Z	J AA	0.02 μF,50V
VR255	9FGS5342503001	J AD	50 kohms (B)x2 [X-BASS]	C131	VCQYKU1HM822K	J AA	0.0082 μF,50V,Mylar
VR401	9FGS5323503001	J AF	50 kohms (B)x2 [Volume]	C132	VCQYKU1HM123K	J AA	0.012 μF,50V,Mylar
VR501	9FGS5392222001	J AC	2.2 kohms (B),Semi-VR [Tape Speed]	C134	RC-GZA107AF1A	J AB	100 μF,10V,Electrolytic
VARIABLE CAPACITORS							
TC2	9FGS5471312000	J AD	Trimmer,30 pF	C135,136	RC-GZA226AF1C	J AB	22 μF,16V,Electrolytic
TC4	9FGS5471312000	J AD	Trimmer,30 pF	C137	RC-GZA225AF1H	J AB	2.2 μF,50V,Electrolytic
VC5~8	9FGS5444211001	J AD	Variable Capacitor with Trimmer (TC5~8)	C138	RC-GZW228AF1A	J AE	2200 μF,10V,Electrolytic
CAPACITORS							
C1	VCCCPU1HH100J	J AA	10 pF (CH),50V	C140	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
C2	VCKYPU1HB102K	J AA	0.001 μF,50V	C141	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
C3	VCCCPU1HH3R0C	J AA	3 pF (CH),50V	C142	VCQYKU1HM183K	J AB	0.018 μF,50V,Mylar
C4	VCCCPU1HH5R0C	J AA	5 pF (CH),50V	C143	VCKYPU1HB102K	J AA	0.001 μF,50V
C5	VCKZPU1HF203Z	J AA	0.02 μF,50V	C144	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
				C145	VCKYBT1HB221K	J AA	220 pF,50V
				C146	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
				C147	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
				C148	RC-GZA476AF1A	J AB	47 μF,10V,Electrolytic
				C149	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
				C150	RC-GZA226AF1C	J AB	22 μF,16V,Electrolytic
				C151,152	VCCSPU1HL331J	J AA	330 pF,50V
				C153,154	VCQYKU1HM102K	J AA	0.001 μF,50V,Mylar
				C155,156	VCQYKU1HM822K	J AA	0.0082 μF,50V,Mylar
				C231,232	VCQYKU1HM682K	J AA	0.0068 μF,50V,Mylar
				C251,252	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
				C253,254	RC-EZD105AF1H	J AB	1 μF,50V,Electrolytic
				C255,256	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
				C257,258	VCQYKU1HM223K	J AB	0.022 μF,50V,Mylar
				C259,260	VCQYKU1HM102K	J AA	0.001 μF,50V,Mylar
				C261,262	VCQYKU1HM333K	J AB	0.033 μF,50V,Mylar
				C263,264	VCQYKU1HM332K	J AA	0.0033 μF,50V,Mylar
				C265,266	VCQYKU1HM104K	J AB	0.1 μF,50V,Mylar
				C267,268	VCQYKU1HM103K	J AA	0.01 μF,50V,Mylar
				C269,270	RC-GZA334AF1H	J AA	0.33 μF,50V,Electrolytic
				C271,272	VCQYKU1HM333K	J AB	0.033 μF,50V,Mylar
				C273,274	RC-GZA105AF1H	J AB	1 μF,50V,Electrolytic
				C275	RC-GZA107AF1A	J AB	100 μF,10V,Electrolytic
				C301,302	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
				C303,304	VCQYKU1HM332K	J AA	0.0033 μF,50V,Mylar
				C305,306	RC-GZA475AF1H	J AB	4.7 μF,50V,Electrolytic
				C307,308	RC-EZD105AF1H	J AB	1 μF,50V,Electrolytic
				C309	RC-GZA106AF1E	J AA	10 μF,25V,Electrolytic
				C310	RC-GZA476AF1A	J AB	47 μF,10V,Electrolytic

NO.	PART CODE	PRICE RANK	DESCRIPTION
C401,402	VCQYKU1HM182K	J. AA	10.0018 µF,50V,Mylar
C403,404	VCQYKU1HM683K	J. AB	0.068 µF,50V,Mylar
C405,406	RC-GZA475AF1A	J. AB	4.7µF,50V,Electrolytic
C407,408	VCKYPU1HB102K	J. AA	0.001 µF,50V
C409,410	RC-GZA107AF1A	J. AB	100µF,10V,Electrolytic
C411,412	RC-GZA107AF1C	J. AB	100µF,16V,Electrolytic
C413,414	VCQYKU1HM224K	J. AD	0.22 µF,50V,Mylar
C415,416	RC-GZS108AF1C	J. AD	1000 µF,16V,Electrolytic
C417	RC-GZA476AF1E	J. AB	47 µF,25V,Electrolytic
C419	RC-GZW228AF1E	J. AE	2200 µF,25V,Electrolytic
C420	RC-GZA226AF1E	J. AB	22 µF,25V,Electrolytic
C502	VCKZPU1HF203Z	J. AA	0.02 µF,50V
C503	RC-GZA227AF1A	J. AB	220 µF,10V,Electrolytic
C504,505	VCKZPU1HF203Z	J. AA	0.02 µF,50V
C506	RC-GZA107AF1E	J. AB	100 µF,25V,Electrolytic
C507	VCKZPU1HF203Z	J. AA	0.02 µF,50V
C601-604	VCKZPU1HF203Z	J. AA	0.02 µF,50V
C701,702	9FGS4452255220	J. AA	2.2 µF,16V,Electrolytic,Non-Polar

RESISTORS

R1	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R2	VRD-ST2EE330J	J. AA	33 ohms,1/4W
R3	VRD-ST2EE224J	J. AA	220 kohms,1/4W
R4	VRD-ST2EE470J	J. AA	47 ohms,1/4W
R5	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R8	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R9	VRD-ST2EE392J	J. AA	3.9 kohms,1/4W
R10	VRD-ST2EE474J	J. AA	470 kohms,1/4W
R11	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R12	VRD-ST2EE104J	J. AA	100 kohm,1/4W
R13	VRD-ST2EE153J	J. AA	15 kohms,1/4W
R14	VRD-ST2EE821J	J. AA	820 ohms,1/4W
R15,16	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R17,18	VRD-ST2EE272J	J. AA	2.7 kohms,1/4W
R101,102	VRD-ST2EE560J	J. AA	56 ohms,1/4W
R103,104	VRD-ST2EE184J	J. AA	180 kohms,1/4W
R105,106	VRD-ST2EE562J	J. AA	5.6 kohms,1/4W
R107,108	VRD-ST2EE472J	J. AA	4.7 kohms,1/4W
R109,110	VRD-ST2EE233J	J. AA	22 kohms,1/4W
R111,112	VRD-ST2EE184J	J. AA	180 kohms,1/4W
R113,114	VRD-ST2EE222J	J. AA	2.2 kohms,1/4W
R115,116	VRD-ST2EE221J	J. AA	220 ohms,1/4W
R117,118	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R119,120	VRD-ST2EE473J	J. AA	47 kohms,1/4W
R121,122	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R123,124	VRD-ST2EE123J	J. AA	12 kohms,1/4W
R125	VRD-ST2EE273J	J. AA	27 kohms,1/4W
R126	VRD-ST2EE470J	J. AA	47 ohms,1/4W
R127,128	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R129,131	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R132	VRD-ST2EE211J	J. AA	220 ohms,1/4W
R133	VRD-ST2EE105J	J. AA	1 Mohm,1/4W
R134,135	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R136	VRD-ST2EE472J	J. AA	4.7 kohms,1/4W
R137	VRD-ST2EE822J	J. AA	8.2 kohms,1/4W
R138	VRD-ST2EE102J	J. AA	1 kohm,1/4W
R139	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R140	VRD-ST2EE102J	J. AA	1 kohm,1/4W
R141	VRD-ST2EE472J	J. AA	4.7 kohms,1/4W
R142	VRD-ST2EE334J	J. AA	330 kohms,1/4W
R143	VRD-ST2EE680J	J. AA	68 ohms,1/4W
R144	VRD-ST2EE473J	J. AA	47 kohms,1/4W
R145	VRD-ST2EE472J	J. AA	4.7 kohms,1/4W
R146,147	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R148	VRD-ST2EE221J	J. AA	220 ohms,1/4W
R149	VRD-ST2EE472J	J. AA	4.7 kohms,1/4W
R150,151	VRD-ST2EE473J	J. AA	47 kohms,1/4W
R152,153	VRD-ST2EE222J	J. AA	2.2 kohms,1/4W
R154	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R155,156	VRD-ST2EE334J	J. AA	330 kohms,1/4W
R157-159	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R161,162	VRD-ST2EE683J	J. AA	68 kohms,1/4W
R251,252	VRD-ST2EE102J	J. AA	1 kohm,1/4W
R253,254	VRD-ST2EE222J	J. AA	2.2 kohms,1/4W
R257	VRD-ST2EE331J	J. AA	330 ohms,1/4W
R301,302	VRD-ST2EE104J	J. AA	100 kohm,1/4W
R303,304	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R305,306	VRD-ST2EE272J	J. AA	2.7 kohms,1/4W
R307-310	VRD-ST2EE123J	J. AA	12 kohms,1/4W
R311,312	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R317	VRD-ST2EE331J	J. AA	330 ohms,1/4W

NO.	PARTS CODE	PRICE RANK	DESCRIPTION
R401,402	VRD-ST2EE562J	J. AA	5.6 kohms,1/4W
R403-408	VRD-ST2EE102J	J. AA	1 kohm,1/4W
R407,408	VRD-ST2EE333J	J. AA	33 kohms,1/4W
R409,410	VRD-ST2EE181J	J. AA	180 ohms,1/4W
R413,414	VRD-ST2EE102J	J. AA	1 kohm,1/4W
R415,416	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R417,418	VRD-ST2EE332J	J. AA	3.3 kohms,1/4W
R501	VRD-ST2EE681J	J. AA	680 ohms,1/4W
R502	VRD-ST2EE101J	J. AA	100 ohm,1/4W
R503-505	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R506	VRD-ST2EE104J	J. AA	100 kohm,1/4W
R507	VRD-ST2EE682J	J. AA	6.8 kohms,1/4W
R508	VRD-ST2EE471J	J. AA	470 ohms,1/4W
R509	VRD-ST2EE563J	J. AA	56 kohms,1/4W
R510	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R522	VRD-ST2EE471J	J. AA	470 ohms,1/4W
R523	VRD-ST2EE103J	J. AA	10 kohm,1/4W
R524,525	VRD-ST2EE223J	J. AA	22 kohms,1/4W
R526,527	VRD-ST2EE471J	J. AA	470 ohms,1/4W

OTHER CIRCUITRY PARTS

CNP102	9FGS9425031001	J. AB	Plug,3Pin
CNP104	9FGS9425041001	J. AB	Plug,4Pin
CNP201	9FGS9425061001	J. AC	Plug,6Pin
CNP501	9FGS9425091001	J. AF	Plug,9Pin
CNP503	9FGS9425021001	J. AB	Plug,2Pin
CNP505	9FGS9425061001	J. AC	Plug,6Pin
CNS101	9FGS9395070301	J. AD	Connector Ass'y,3Pin
CNS103	9FGS9395070401	J. AE	Connector Ass'y,4Pin
CNS251	9FGS9395070601	J. AD	Connector Ass'y,6Pin
CNS502	9FGS9395070901	J. AK	Connector Ass'y,9Pin
CNS504	9FGS9395070201	J. AC	Connector Ass'y,2Pin
CNS506	9FGS9395070602	J. AG	Connector Ass'y,6Pin
F601	9FGS6921123101	J. AC	Fuse,T1.25A L 250V
FW1	9FGS9504161001	J. AB	Flat Cable,3Pin
J101	9FGS5652355001	J. AC	Jack,Mixing/Microphone
J102	9FGS5653854001	J. AD	Jack,CD/Line Input
J401	9FGS5640043001	J. AE	Terminal,Speaker
J402	9FGS5640023001	J. AG	Terminal,Surround Speaker
J403	9FGS5652353401	J. AE	Jack,Headphones
J601	9FGS5654638000	J. AE	Jack,DC Power Input
M501	9FG19900000241	J. AU	Motor with Pulley [Tape]
MIC101	9FGS6121101001	J. AD	Built-in Microphone
SO601	9FGS5633022101	J. AE	Socket,AC Power Input
SW1	9FGS5118030012	J. AD	Switch,Slide Type [Band Selector]
SW101	9FGS5146020013	J. AC	Switch,Push Type [Record/Playback]
SW102	9FGS5112030012	J. AC	Switch,Slide Type [Beat Cancel]
SW103	9FGS5112030022	J. AC	Switch,Slide Type [Dubbing Speed/Mic]
SW301	9FGS5144020012	J. AG	Switch,Push Type [Surround]
SW401	9FGS5114030012	J. AC	Switch,Slide Type [Function Selector]
SW501	9FG19900000126	J. AF	Switch,Leaf Type [Tape 2 Main]
SW502	9FG19900000126	J. AF	Switch,Leaf Type [Tape 1 Main]
SW503	9FG19900000126	J. AF	Switch,Leaf Type [Tape 2 Play]
SW504	9FG19900000213	J. AF	Switch,Slide Type [Tape 2 Direction]

MECHANICAL PARTS

1	9FG19900000108	J. AQ	Base Ass'y,Tape 1
2	9FG19900000175	J. AE	Plate,Switch Actuator
3	9FG19900000110	J. AG	Lever,Actuator Push Button
4	9FG19900000111	J. AF	Lever,Record Button
5	9FG19900000112	J. AE	Lever,Play Button
6	9FG19900000113	J. AE	Lever,Rewind Button
7	9FG19900000114	J. AE	Lever,Fast Forward Button
8	9FG19900000115	J. AE	Lever,Stop/Eject Button
9	9FG19900000116	J. AF	Lever,Pause Button
10	9FG19900000117	J. AC	Spring,Pause Control
11	9FG19900000118	J. AC	Locker,Pause Button Lever
12	9FG19900000119	J. AC	Spring,Pause Button Lever Locker
13	9FG19900000120	J. AC	Stopper,Pause Button Lever Locker Spring
14	9FG19900000121	J. AC	Spring,FF/REW Button Lever
15	9FG19900000176	J. AN	Main Chassis Ass'y,Tape 1
16	9FG19900000122	J. AC	Spring,Eject Actuator
17	9FG19900000177	J. AC	Spring,Play Button Lever

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
19	9FG1990000123	J AC	Arm,Lever Push	124	9FG19900000235	J	Main Belt,Tape 2
21	9FG19900000124	J AC	Spring,Record Button Lever	127	9FG19900000236	J AH	Felt,Anti-Vibration,Right
22	9FG19900000125	J AC	Spring,Play/Stop Button Lever	128	9FG19900000237	J AD	Lever,Pause Kick (A)
24	9FG19900000129	J AD	Spring,Play Button Lever	129	9FG19900000238	J AG	Spring,Pause Kick Lever
25	9FG19900000128	J AH	Plate,Head	130	9FG19900000171	J AD	Screw,Pause Kick Lever
27	9FG19900000130	J AE	Head Base	131	9FG19900000239	J AG	Lever,Pause Kick (B)
28	9FG19900000137	J AC	Spring,Head Azimuth	132	9FG19900000240	J AD	Collar,Pause Kick Lever (B)
29	9FG19900000132	J AC	Spring,Head Plate	135	9FG19900000243	J AD	Felt,Anti-Vibration,Left
30	9FG19900000133	J AD	Spring,Motor Control	200	9FG19900000164	J AC	Screw,ø2x3mm
31	9FG19900000178	J AC	Spring,Erase Head Arm	201	9FG19900000160	J AC	Screw,ø2x5mm
33	9FG19900000134	J AD	Arm,Pause Cam	202	9FG19900000168	J AC	Lug
34	9FG19900000135	J AD	Coller,Pause Arm	203	9FG19900000244	J AC	Screw,ø2x2.5mm
35	9FG19900000038	J AM	Pinch Roller Arm Ass'y	204	9FG19900000163	J AC	Screw,ø2x3mm
37	9FG19900000138	J AD	Plate,Sensing	206	9FG19900000161	J AC	Screw,ø2x4.5mm
38	9FG19900000139	J AG	REW/FF Clutch Ass'y	208	9FG19900000245	J AC	Ring,E Type,ø1.5mm
39	9FG19900000179	J AC	FF/REW Belt	210	9FG19900000165	J AC	Screw,ø2x7mm
41	9FG19900000180	J AC	Spring,Back Tension,Right	212	9FG19900000162	J AC	Screw,ø2x6mm
42	9FG19900000181	J AC	Spring,Back Tensidf,Left	213	9FG19900000158	J AC	Screw,ø2x3mm
44	9FG19900000182	J AG	Flywheel Ass'y,Tape 1	214	9FG19900000159	J AC	Screw,ø2x4mm
45	9FG19900000143	J AC	Spring,Gear Plate	215	9FG19900000246	J AC	Screw,ø2x6mm
46	9FG19900000144	J AL	Gear Plate Ass'y	216	9FG19900000247	J AC	Screw,ø2x6mm
47	9FG19900000145	J AF	Gear,Cam	218	9FG19900000248	J AC	Washer,ø2xø3.5x0.4mm
49	9FG19900000146	J AD	Gear,Fast Forward	219	9FG19900000249	J AC	Washer,ø1.2xø3.8x0.3mm
50	9FG19900000147	J AC	Spring,Back Tension	220	9FG19900000167	J AC	Washer,ø1.45xø3.8x0.5mm
51	9FG19900000148	J AE	Supply Reel Ass'y	M501	9FG19900000241	J AU	Motor with Pulley [Tape]
52	9FG19900000149	J AF	Take Up Reel Ass'y	SW501	9FG19900000126	J AF	Switch,Leaf Type [Tape 2 Main]
53	9FG19900000150	J AC	Detection Sensor	SW502	9FG19900000126	J AF	Switch,Leaf Type [Tape 1 Main]
55	9FG19900000183	J AQ	Bracket,Motor	SW503	9FG19900000126	J AF	Switch,Leaf Type [Tape 2 Play]
56	9FG19900000152	J AD	Rubber,Motor	SW504	9FG19900000213	J AR	Switch,Slide Type [Tape 2 Detection]
57	9FG19900000184	J AD	Screw,Special				
59	9FG19900000185	J AH	Main Belt,Tape 1				
62	9FG19900000155	J AE	Lever,Eject Slide				
63	9FG19900000157	J AD	Arm,Record Safety				
64	9FG19900000186	J AE	Plate,Cassette				
66	9FG19900000187	J AX	Head,Record/Playback				
67	9FG19900000188	J AF	Arm,Erase Head				
68	9FG19900000009	J AG	Head,Erase				
71	9FG19900000189	J AX	Base Ass'y,Tape 2				
72	9FG19900000190	J AG	Gear Plate Ass'y,Right				
73	9FG19900000191	J AG	Gear Plate Ass'y,Left				
74	9FG19900000192	J AD	Spring,Motor Control,Right				
75	9FG19900000193	J AF	Lever,Sensing,Right				
76	9FG19900000194	J AD	Spring,Motor Control,Left				
77	9FG19900000195	J AF	Lever,Sensing,Left				
78	9FG19900000196	J AE	Plate,Slide				
79	9FG19900000197	J AD	Arm,Motor Control				
80	9FG19900000198	J AP	Panel,Head				
81	9FG19900000199	J AG	Head Base				
82	9FG19900000200	J AC	Spring,Pinch Roller Arm,Right				
83	9FG19900000201	J AC	Spring,Pinch Roller Arm,Left				
84	9FG19900000202	J AE	Plate,Head Spring				
85	9FG19900000203	J AX	Head,Playback				
86	9FG19900000204	J AD	Arm,Rotary				
87	9FG19900000205	J AC	Spring,Rotary Arm				
88	9FG19900000206	J AL	Pinch Roller Arm Ass'y,Right				
89	9FG19900000207	J AL	Pinch Roller Arm Ass'y,Left				
90	9FG19900000208	J AC	Spring,Gear Plate Ass'y,Right				
91	9FG19900000209	J AC	Spring,Gear Plate Ass'y,Left				
92	9FG19900000210	J AH	Actuator Ass'y				
93	9FG19900000211	J AG	Program Button Lever Ass'y				
94	9FG19900000212	J AG	Lever,Stop/Eject Button				
96	9FG19900000214	J AD	Stopper,PR				
97	9FG19900000215	J AH	Lever,FF Button [REW]				
98	9FG19900000216	J	Lever,FF Button [FF]				
99	9FG19900000217	J AH	Lever,Play Button	△ 233	9FGS6931220010	J AB	Fuse Holder
100	9FG19900000218	J AG	Lever,Mode Button	234	9FG10293190100	J AA	Holder,AC Socket
102	9FG19900000219	J AP	Main Chassis Ass'y,Tape 2	236	9FG10295070100	J AA	Holder,Surround Switch
103	9FG19900000220	J AD	Spring,Sensor	238	9FG13294020010	J AB	Bracket,Power PWB
105	9FG19900000221	J AH	Take Up Reel Ass'y	239	9FG13295070070	J AC	Plate,Record
106	9FG19900000222	J AD	Sensor	240	9FG13295070060	J AB	Plate,Cassette Button Holder
108	9FG19900000223	J AK	Plate,Main	241	9FG13295070030	J AB	Holder,Plate,Front Cabinet
110	9FG19900000224	J AP	Plate,Muting	242	9FG13295070050	J AD	Cover,Power Transformer
111	9FG19900000225	J AD	Spring,Muting Plate	243	9FG13394020020	J AC	Shaft,Cassette Button
112	9FG19900000226	J AC	Spring,Program Button Lever	244	9FG13496080010	J AH	Heat Sink
113	9FG19900000227	J AL	Spring,Eject Actuator	245	9FG13595070020	J AB	Spring,Battery,+/-
114	9FG19900000228	J AG	Lever,Eject Slide	246	9FG13595070030	J AB	Spring,Battery,+/-
115	9FG19900000229	J AC	Spring,Main Plate	247	9FG13595070040	J AB	Spring,Battery,-
116	9FG19900000230	J AC	Spring,Play Button Lever	248	9FG13595070010	J AB	Spring,Battery,+
118	9FG19900000231	J AG	Gear,Cam	249	9FG10495070010	J AA	Button,Record [Tape 1]
120	9FG19900000232	J AX	Flywheel Capstan Ass'y,Right	250	9FG10495070020	J AA	Button,Play [Tape 1]
121	9FG19900000233	J AC	Gear,Flywheel	251	9FG10495070030	J AA	Button,Rewind [Tape 1]
123	9FG19900000234	J AX	Fiywheel Capstan Ass'y,Left	252	9FG10495070040	J AA	Button,Fast Forward [Tape 1]

CABINET PARTS

201	9FG10195070013	J	Front Cabinet Ass'y
202	9FG10195070023	J	Rear Cabinet
203	9FG10295070110	J AA	Dial Pointer
204	9FG10295070080	J AA	Gear,Cassette Holder
205	9FG10395070030	J AA	Decoration Panel,Dial Pointer
206	9FG10195070100	J AA	SHARP Badge
207	9FG10495070160	J AA	Knob [Volume Control]
208	9FG10495070180	J AA	Holder,Volume Knob
209	9FG10295070090	J AA	Holder,Cassette Holder Gear
210	9FG10295070020	J AB	Lever,Record
211	9FG10295070030	J AB	Bracket,Graphic Equalizer PWB
212	9FG10295070040	J AB	Holder,Record Lever
213	9FG10295070140	J AB	Dial Drum
214	9FG10295070050	J AB	Bracket,Dial Drum
215	9FG10495070210	J AB	Knob [Tuning Control]
218	9FG10295070060	J AA	Holder,Built-in Microphone
219	9FG10201180010	J AA	Holder,MW/LW Bar Antenna
220	9FG10295070120	J AC	Cassette Holder [Tape 1]
221	9FG10295070130	J AC	Cassette Holder [Tape 2]
222	9FG10195070070	J AC	Cover,Cassette Holder [Tape 1]
223	9FG10195070080	J AC	Cover,Cassette Holder [Tape 2]
224	9FG10395070012	J	Decoration Panel,Cassette Holder [Tape 1]
225	9FG10395070021	J	Decoration Panel,Cassette Holder [Tape 2]
226	9FG13594020013	J AB	Spring,Cassette Holder Up
228	9FGS6581101001	J AD	Ferrite Bar
229	9FG29106220140	J AG	FM Rod Antenna
230	9FG10195070090	J AE	Handle
231	9FG10195070110	J AE	Battery Compartment Lid
232	9FGS9895019001	J AB	Lead Wire with Lug
△ 233	9FGS6931220010	J AB	Fuse Holder
234	9FG10293190100	J AA	Holder,AC Socket
236	9FG10295070100	J AA	Holder,Surround Switch
238	9FG13294020010	J AB	Bracket,Power PWB
239	9FG13295070070	J AC	Plate,Record
240	9FG13295070060	J AB	Plate,Cassette Button Holder
241	9FG13295070030	J AB	Holder,Plate,Front Cabinet
242	9FG13295070050	J AD	Cover,Power Transformer
243	9FG13394020020	J AC	Shaft,Cassette Button
244	9FG13496080010	J AH	Heat Sink
245	9FG13595070020	J AB	Spring,Battery,+/-
246	9FG13595070030	J AB	Spring,Battery,+/-
247	9FG13595070040	J AB	Spring,Battery,-
248	9FG13595070010	J AB	Spring,Battery,+
249	9FG10495070010	J AA	Button,Record [Tape 1]
250	9FG10495070020	J AA	Button,Play [Tape 1]
251	9FG10495070030	J AA	Button,Rewind [Tape 1]
252	9FG10495070040	J AA	Button,Fast Forward [Tape 1]

NO.	PART CODE	★ PRICE RANK	DESCRIPTION
253	9FG10495070050	J AA	Button, Stop/Eject [Tape 1]
254	9FG10495070060	J AA	Button, Pause [Tape 1]
255	9FG10495070250	J	Button, Reverse Mode [Tape 2]
256	9FG10495070260	J AB	Button, Play [Tape 2]
257	9FG10495070080	J AA	Button, Rewind [Tape 2]
258	9FG10495070090	J AA	Button, Fast Forward [Tape 2]
259	9FG10495070110	J AA	Knob [X-BASS]
260	9FG10495070120	J AA	Knob [Graphic Equalizer A]
261	9FG10495070130	J AA	Knob [Graphic Equalizer B]
262	9FG10495070140	J AA	Knob [Graphic Equalizer C]
263	9FG10495070150	J AA	Knob [Graphic Equalizer D]
264	9FG10495070171	J AB	Ring, Surround Knob
265	9FG10495070192	J	Button [Surround]
266	9FG10495070220	J AA	Knob [Function Selector]
267	9FG10495070230	J AA	Knob [Dubbing Speed/Mic]
268	9FG10495070240	J AA	Knob [Band Selector]
269	9FG20895070005	J	Label, Specifications
270	9FG19995070020	J AB	Shield Paper, Graphic Equalizer PWB
271	9FG17006300000	J AA	Terminal, Lug
273	9FG19495070010	J AA	Cushion, Microphone
274	9FG19495070020	J AA	Sponge, Battery Lid
275	9FG19593160001	J AA	Rubber Pad, Transformer
277	9FG19295070010	J AA	Felt Paper
278	9FG19595070010	J AA	Cushion
280	9FG10395070043	J	Decoration Panel, Tuner Control
281	9FG13295070010	J AC	Bracket, Volume PWB
282	9FG10495070270	J AB	Button, Stop/Eject [Tape 2]
283	9FG10495070280	J AB	Button, Direction [Tape 2]
284	9FGS5640012001	J AA	Terminal, Main PWB
285	9FG19593160003	J AA	Stand Pad, Rear Cabinet
286	9FG10295070160	J AA	Holder, Transformer
288	9FG13295070080	J AB	Plate, Antenna Holder
289	9FG19295070020	J AB	Felt
290	9FG19595070020	J AB	Rubber
603	9FG16101300801	J AA	Screw, $\phi 3 \times 8$ mm
604	9FG16104301001	J AA	Screw, $\phi 3 \times 10$ mm
605	9FG16201260600	J AA	Screw, $\phi 2.6 \times 6$ mm
606	9FG16201300800	J AA	Screw, $\phi 3 \times 8$ mm
609	9FG16202300800	J AA	Screw, $\phi 3 \times 8$ mm
611	9FG16204300801	J AA	Screw, $\phi 3 \times 8$ mm
613	9FG16205302000	J AA	Screw, $\phi 3 \times 20$ mm
614	9FG16401301000	J AA	Screw, $\phi 3 \times 10$ mm
615	9FG15130101001	J AA	Washer, $\phi 3 \times 10 \times 1$ mm
616	9FG9P04200311	J AC	Screw, $\phi 2 \times 3$ mm
618	9FG16201301000	J AA	Screw, $\phi 3 \times 10$ mm
619	9FG16201301200	J AA	Screw, $\phi 3 \times 12$ mm
621	9FG15630101605	J AA	Washer, $\phi 3 \times 10 \times 1.6$ mm
622	9FG16201302001	J AA	Screw, $\phi 3 \times 20$ mm

SPEAKER BOX PARTS

301	9FGS9851820001	J AD	Cord, Speaker
302	9FG10295070010	J AB	Holder, Speaker Cord
303	9FG10195070035	J BB	Front Panel Ass'y, Speaker, Left
304	9FG10195070045	J BB	Front Panel Ass'y, Speaker, Right
305	9FG10195070050	J AM	Speaker Box, Left
306	9FG10195070060	J AM	Speaker Box, Right
307	9FG10195070100	J AA	SHARP Badge
308	9FGS9141828001	J AE	Cord, Surround Speaker
701	9FG16201301601	J AA	Screw, $\phi 3 \times 16$ mm
702	9FG16205300800	J AA	Screw, $\phi 3 \times 8$ mm
C701, 702	9FGS4453365220	J AD	33 μ F, 16V, Electrolytic, Non-Polar
SP701, 702	9FGS6111012001	J AM	Woofer
SP703, 704	9FGS6114005001	J AK	Surround

ACCESSORIES/PACKING PARTS

△	9FGS9822020300	J AK	AC Power Supply Cord
	9FG20095070003	J	Operation Manual
	9FG20595070010	J AP	Packing Case
	9FG20895070008	J	Label, Feature
	9FG21195070010	J AD	Polyethylene Bag, Speaker
	9FG21195070020	J AD	Polyethylene Bag, Unit
	9FG21295080010	J AF	Packing Add., Top, Left
	9FG21295080020	J AE	Packing Add., Top, Right
	9FG21295080030	J AH	Packing Add., Bottom, Left
	9FG21295080040	J AH	Packing Add., Bottom, Right

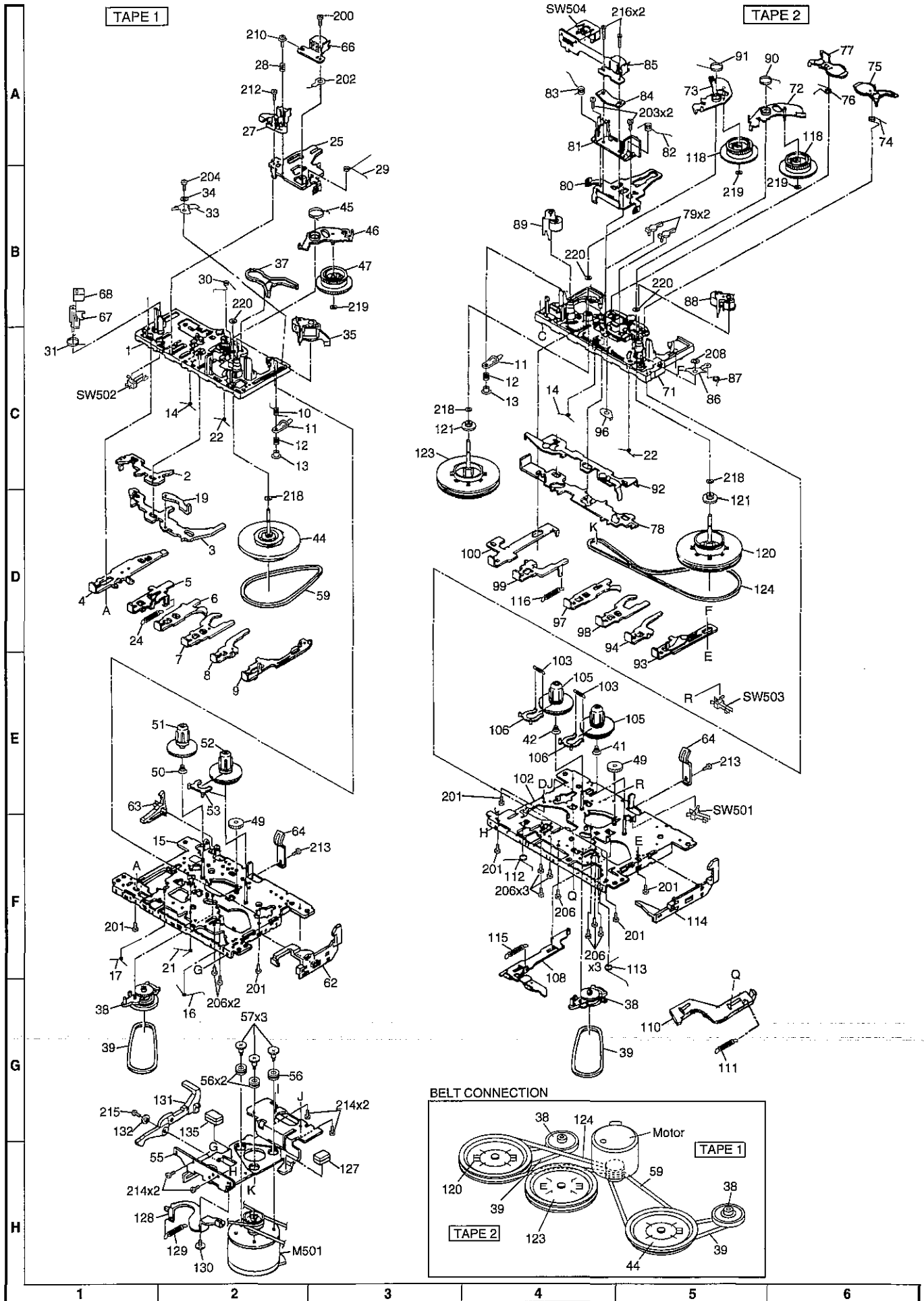


Figure 5 MECHANISM EXPLODE VIEW

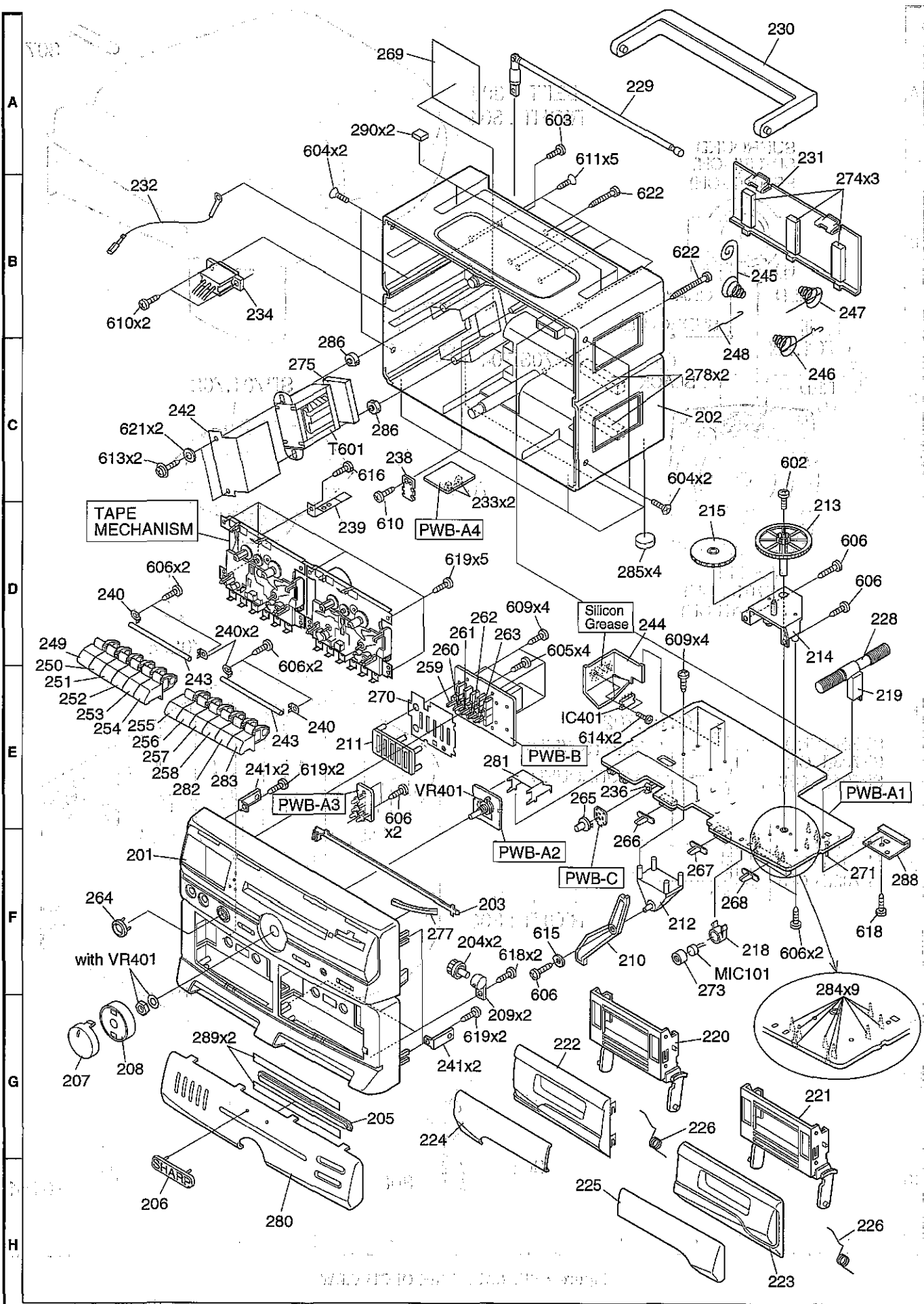


Figure 6 CABINET EXPLODED VIEW

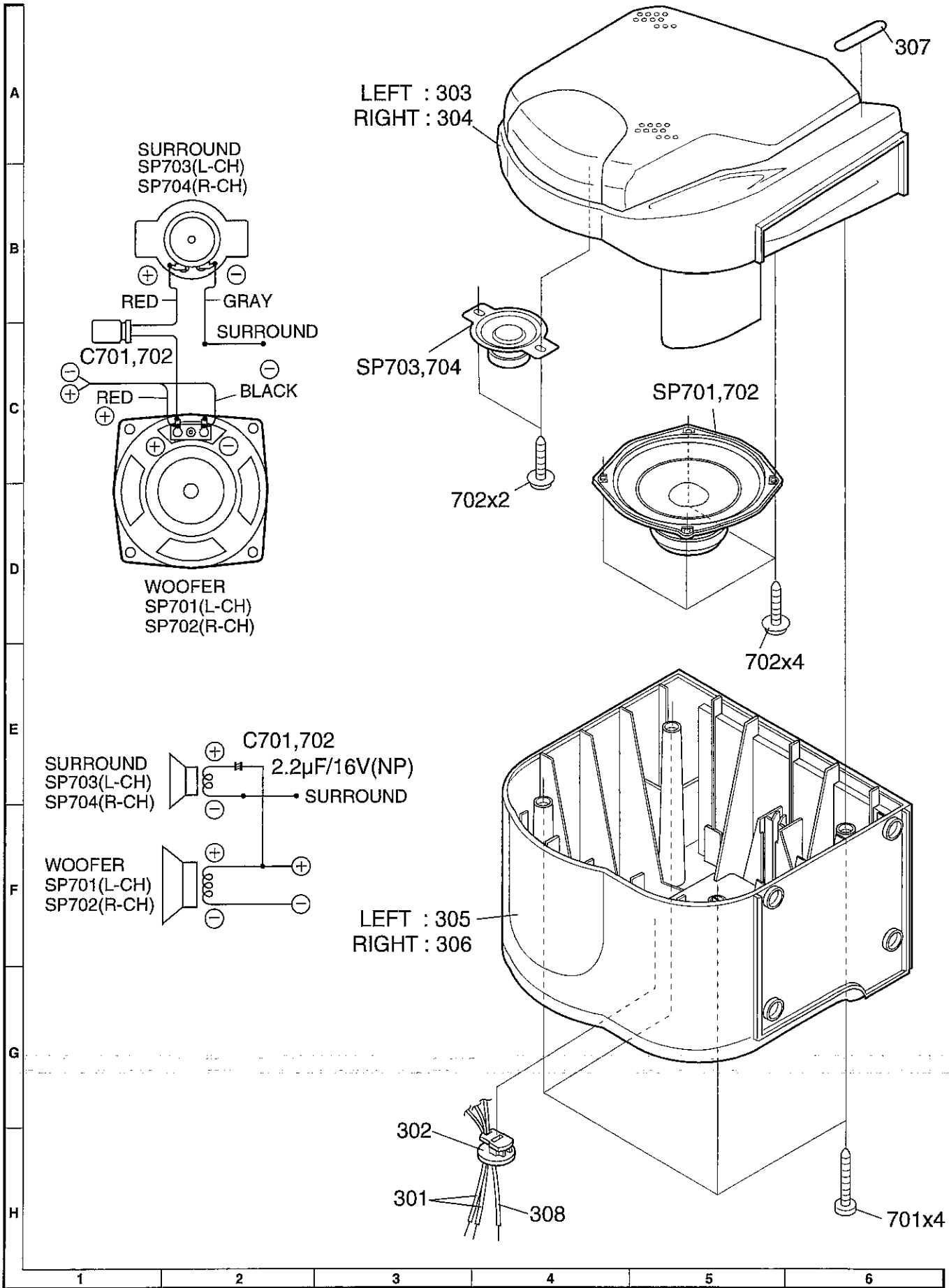


Figure 7 SPEAKER EXPLODED VIEW