

TCM-200DV

SERVICE MANUAL

Ver 1.0 2002. 09

E Model
Chinese Model



Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	MT-200DV-175

SPECIFICATIONS

Recording system
2-track 1 channel monaural

Tape speed
4.8 cm/s or 2.4 cm/s

Frequency range
250 - 6 300 Hz using normal (TYPE I) cassette (with REC TIME switch at "NORMAL")

Speaker
Approx. 5.0 cm (2 in.) dia.

Power output
350 mW (at 10% harmonic distortion)

Input
Microphone input jack (minijack) sensitivity 0.2 mV for 3 kΩ or lower impedance microphone

Output
Earphone jack (minijack) for 8 - 300 Ω earphone

Variable range of the tape speed
From approx. +30% to -15% (with REC TIME switch at "NORMAL")

Power requirements
• 3 V DC batteries R6 (AA) x 2
• External DC 3 V power sources

Dimensions (w/h/d) (incl. projecting parts and controls)
Approx. 86.9 × 116.3 × 36.5 mm
(3 1/2 × 4 5/8 × 1 7/16 in.)

Mass (main unit only)
Approx. 171 g (6.1 oz.)

Design and specifications are subject to change without notice.

Battery life* (approx. hours)

	Sony alkaline LR6 (SG)**	Sony R6P (SR)
Playback	16	4
Recording	25	6.5

* Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association). (Using a Sony HF series cassette tape)

** When using a Sony LR6 (SG) "STAMINA" alkaline dry batteries (produced in Japan)

Note

The battery life may shorten depending on the operation of the unit.

For maximum performance we recommend that you use alkaline batteries.

House Current

Connect the AC power adaptor to DC IN 3V and to a wall outlet. Use the AC-E30HG AC power adaptor (not supplied). Do not use any other AC power adaptor.



Polarity of the plug

Notes

- Specifications for AC-E30HG vary for each area. Check your local voltage and the shape of the plug before purchasing.
- Do not touch the AC power adaptor with wet hands.
- Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

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Personal Audio Company
Published by Sony Engineering Corporation

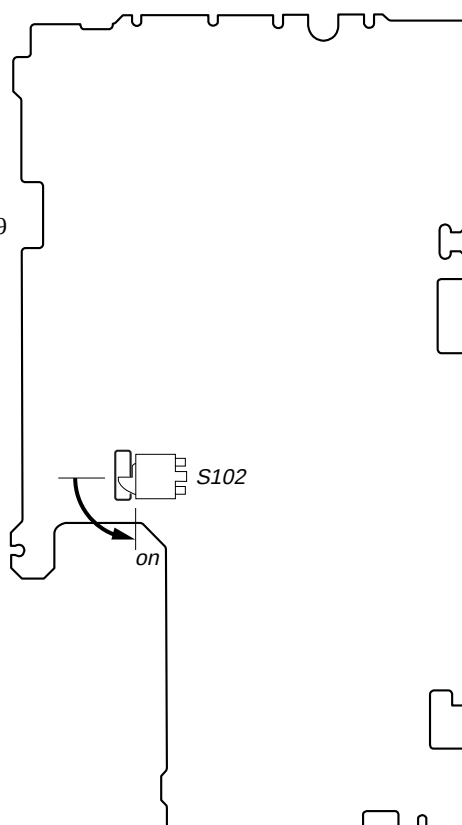
CASSETTE-CORDER

SONY®

TCM-200DV**SECTION 1
SERVICING NOTE****TABLE OF CONTENTS**

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In this set, the S102 (POWER) detects REC/PLAYBACK on. It is mounted on the MAIN board, and therefore the REC/PLAYBACK on cannot be detected with the MAIN board removed. When making an operation check and voltage check of mechanical deck with the MAIN board removed, fix the S102 at turn on.

4- MAIN BOARD (Component Side) –**Flexible Circuit Board Repairing**

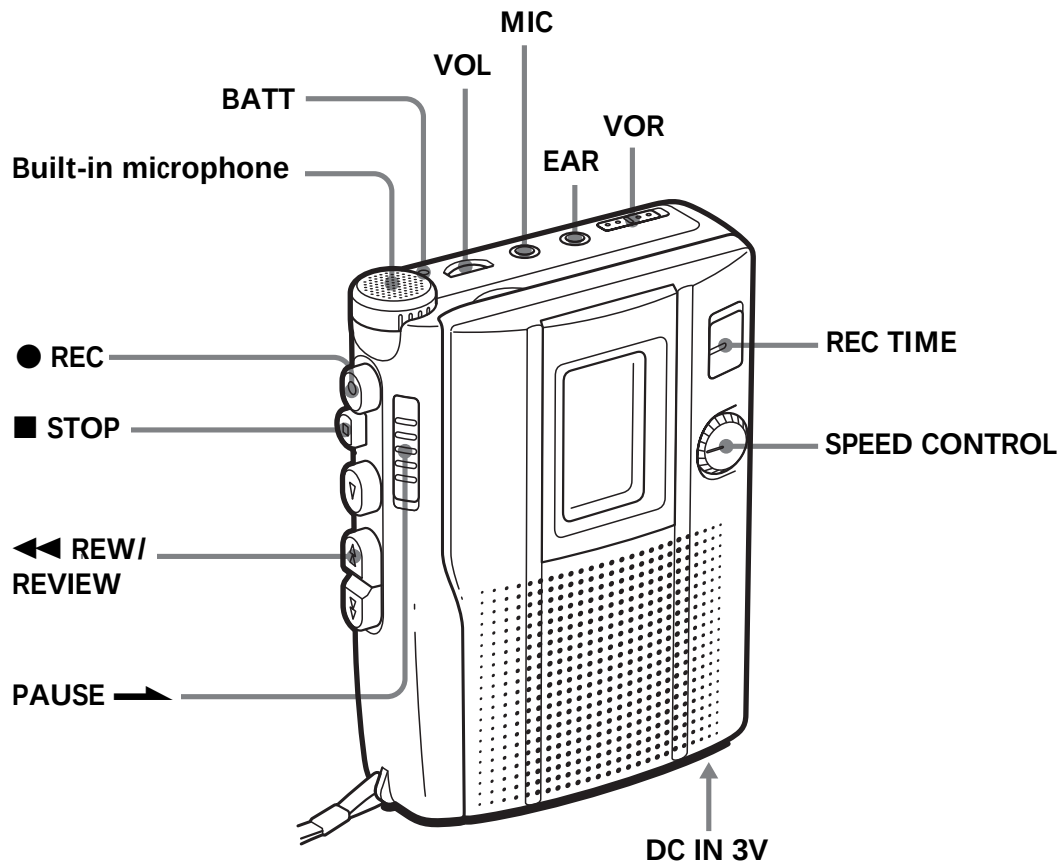
- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SECTION 2 GENERAL

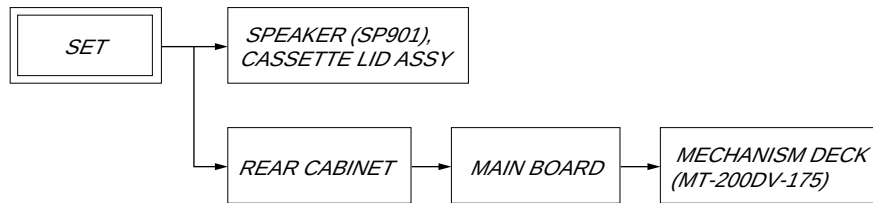
• Location of Controls



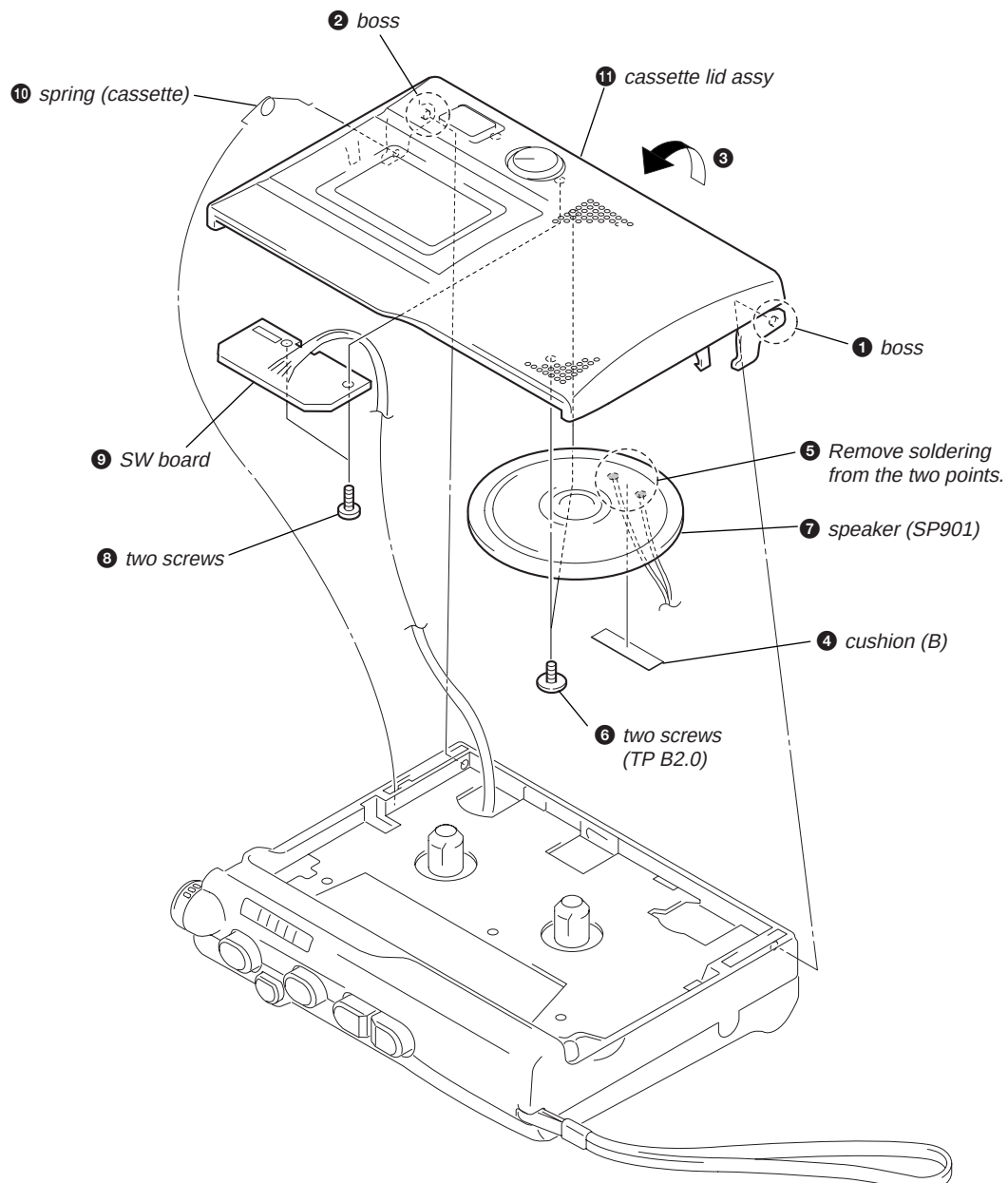
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SECTION 3
DISASSEMBLY

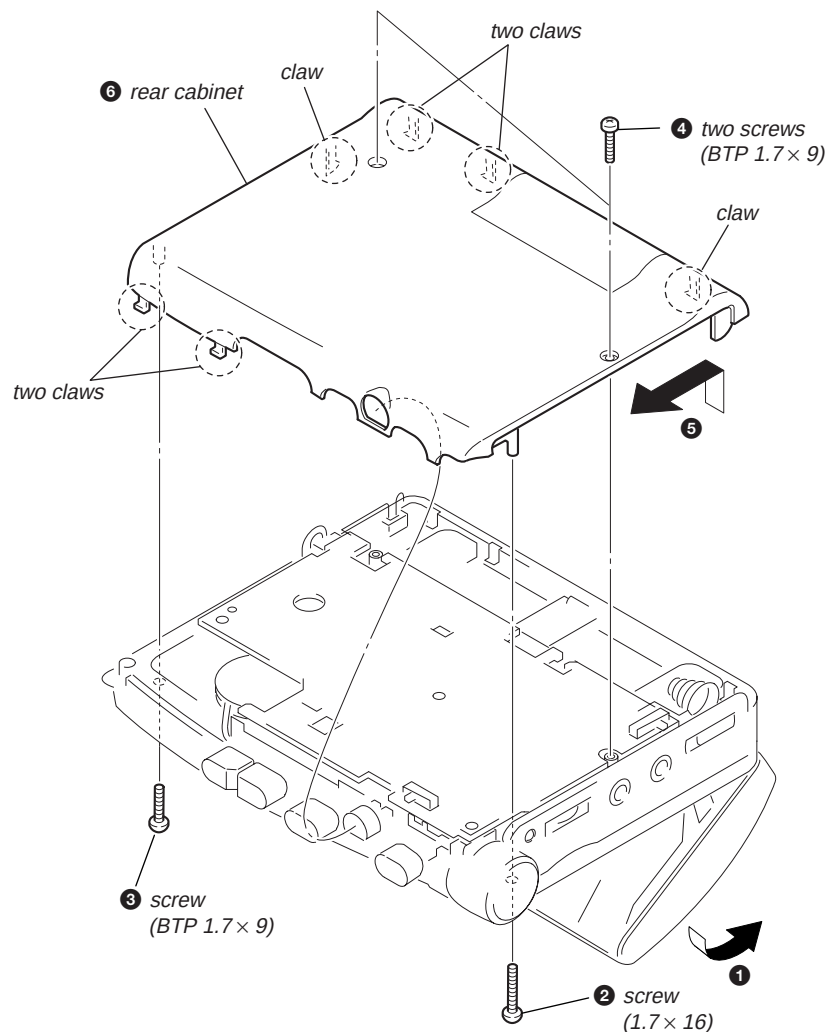
Note: Follow the disassembly procedure in the numerical order given.



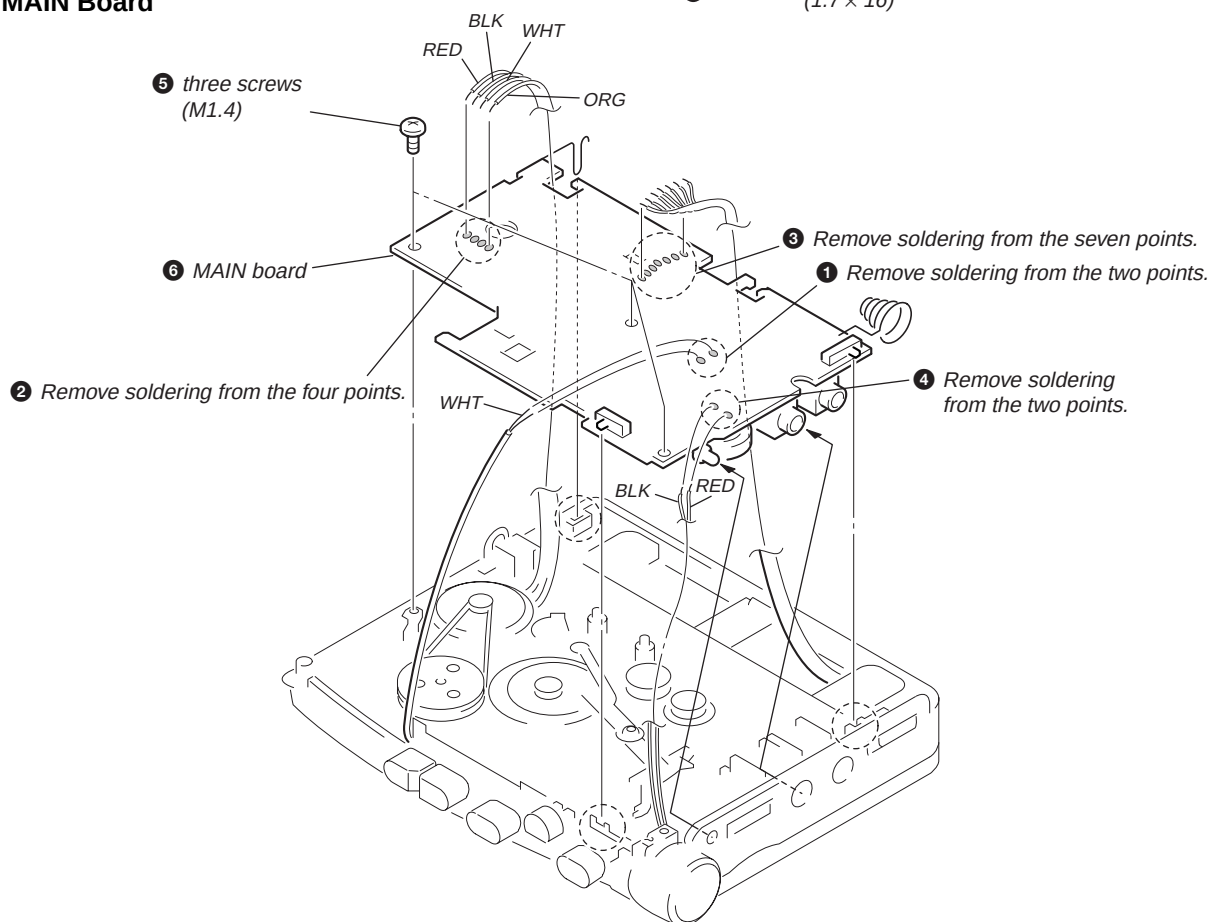
3-1. Speaker (SP901), Cassette Lid Assy

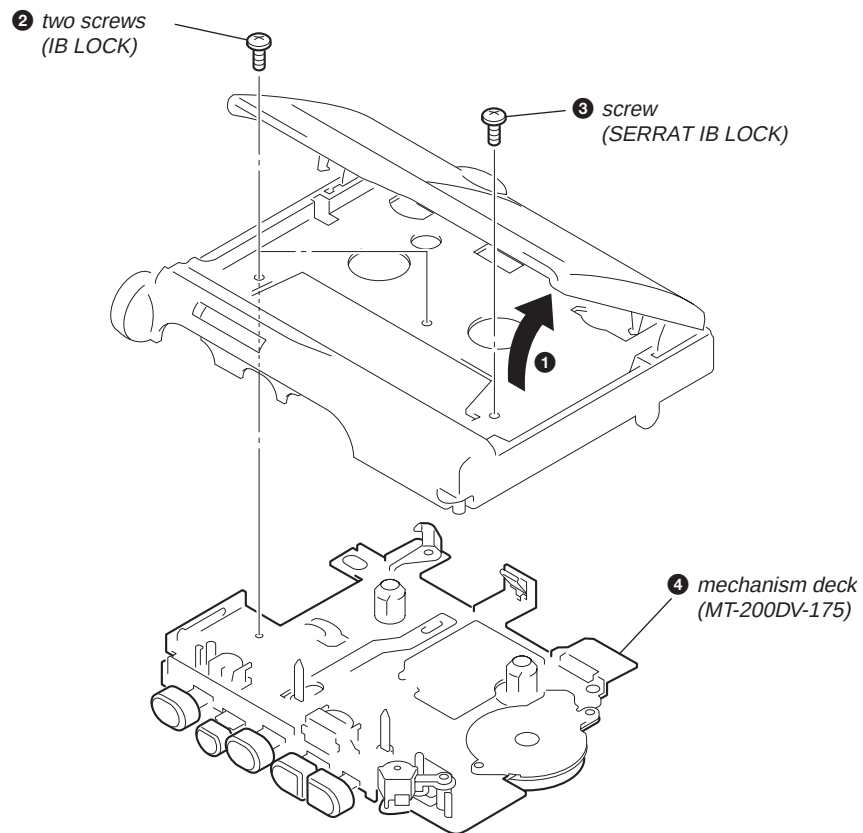


3-2. Rear Cabinet



3-3. MAIN Board



TCM-200DV**3-4. Mechanism Deck (MT-200DV-175)**

SECTION 4

MECHANICAL ADJUSTMENTS

1. Clean the following parts with a denatured-alcohol-moistened swab:

record/playback head	pinch roller
erase head	rubber belt
capstan	idlers
2. Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the rated power supply voltage (2.5 V) unless otherwise noted.

Torque Measurement

Mode	Torque Meter	Meter Reading
FWD	CQ-102C	2.16 - 4.7 mN•m (22 - 48 g•cm) (0.31 - 0.67 oz•inch)
FWD Back Tension		0.05 - 0.29 mN•m (0.5 - 3 g•cm) (0.007 - 0.04 oz•inch)
FF	CQ-201B	4.90 mN•m (more than 50 g•cm)
REW		(more than 0.69 oz•inch)

Tape Tension Measurement

Mode	Torque Meter	Meter Reading
FWD	CQ-403C	4.90 mN•m (more than 50 g) (more than 1.76 oz)

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SECTION 5

ELECTRICAL ADJUSTMENTS

Setting:

- Supplied voltage: 2.5 V
- Switch and control position
 - VOL**  control (RV101) : mechanical center
 - PAUSE**  switch (S301) : OFF
 - SPEED CONTROL** (RV603): center click
 - VOR** switch (S601) : OFF

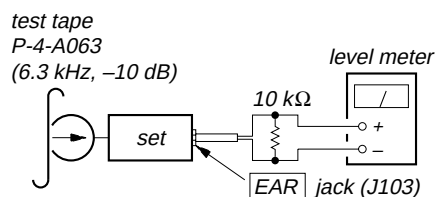
Test Tape

Type	Signal	Used for
P-4-A063	6.3 kHz, -10 dB	Head Azimuth Adjustment
WS-48A	3 kHz, 0 dB	Tape Speed Adjustment

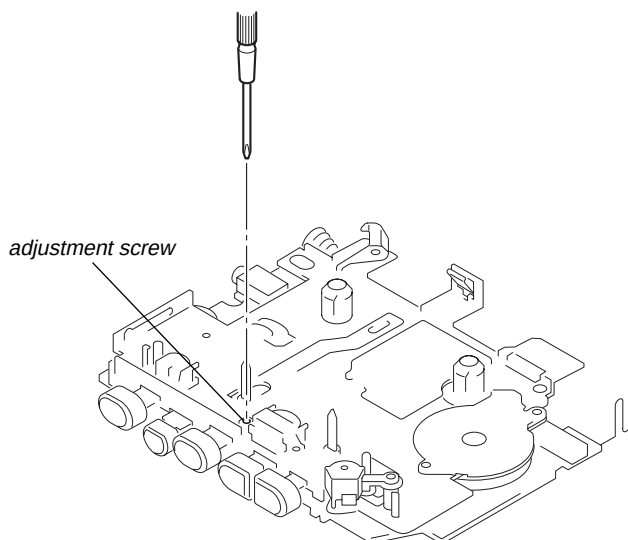
0 dB=0.775 V

Record/Playback Head Azimuth Adjustment

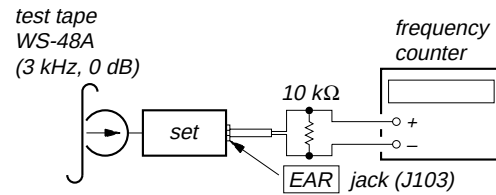
Mode: playback

**Procedure:**

1. Turn the adjustment screw to obtain the maximum reading on level meter.
Note: Several peaks may appear, but take the maximum.
2. After the adjustment, lock the adjustment screw with suitable locking compound.

Adjustment Location:**Tape Speed Adjustment**

Mode: playback

**Procedure:**

– Normal Speed –

1. Set **REC TIME** switch (S601) to NORMAL (4.8 cm/s) position, and Playback the tape (WS-48A) .
2. Adjust RV601 so that frequency counter reading becomes 3,040 Hz.

Specification values: 3,030 to 3,050 Hz

– Double Speed –

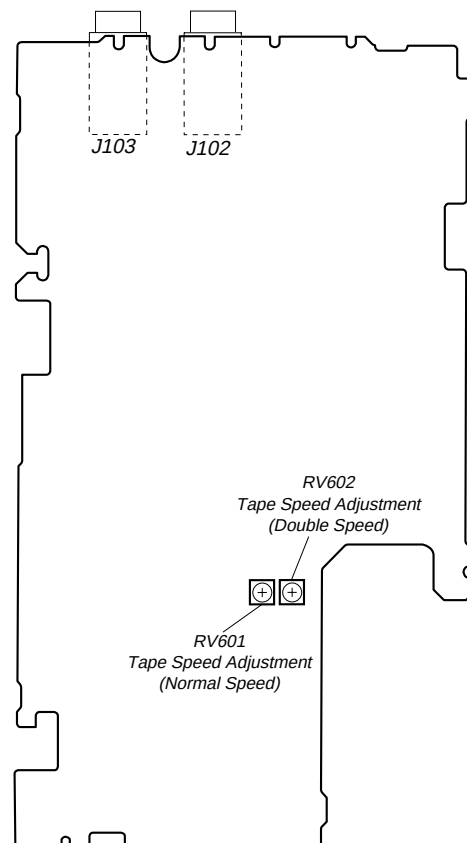
3. Set **REC TIME** switch (S601) to DOUBLE (2.4 cm/s) position.
4. Playback the tape from the beginning for two minutes, then adjust RV602 so that frequency counter reading becomes 1,540 Hz.

Specification values: 1,535 to 1,545 Hz

Confirm that deflection of the frequency counter reading between the beginning and the end of tape is within 1% (NORMAL: approx. 30.4 Hz, DOUBLE: approx. 15.4 Hz) .

Adjustment Location:

– MAIN Board (Side B) –



SECTION 6
DIAGRAMS

Note on Schematic Diagram

- All capacitors are in μF unless otherwise noted. pF: $\mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
-  : panel designation.
-  : B+ Line.
-  : adjustment for repair.
- Power voltage is dc 3V and fed with regulated dc power supply from battery terminal.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark : PB
() : REC
- Voltages are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Voltage variations may be noted due to normal production tolerances.
- Signal path.
 : PB
 : REC

Note on Printed Wiring Boards:

-  : parts extracted from the component side.
-  : Pattern from the side which enables seeing.

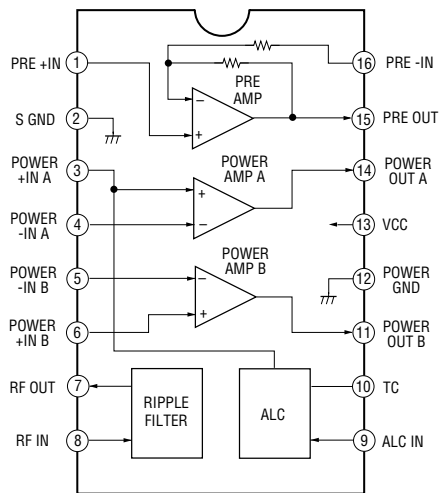
Caution:

Pattern face side: (SIDE B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (SIDE A)	Parts on the parts face side seen from the parts face are indicated.

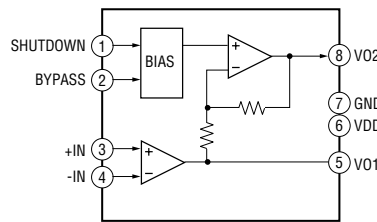
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• IC Block Diagrams

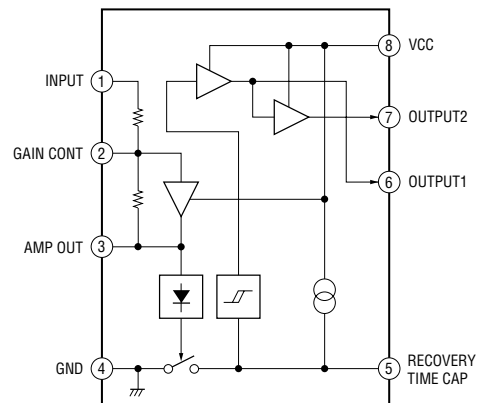
IC101 NJM2128M-TE2



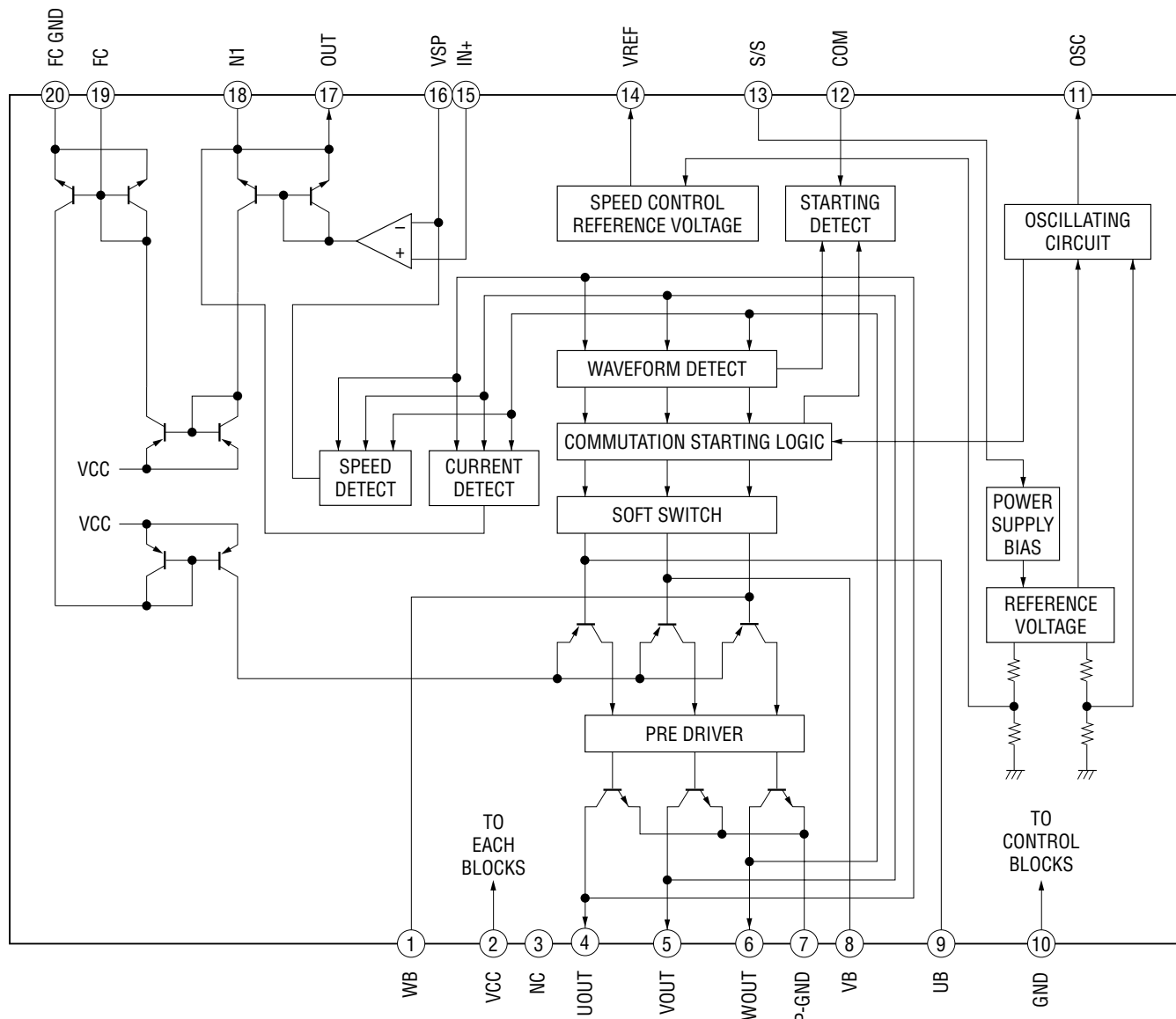
IC102 LM4890MMX



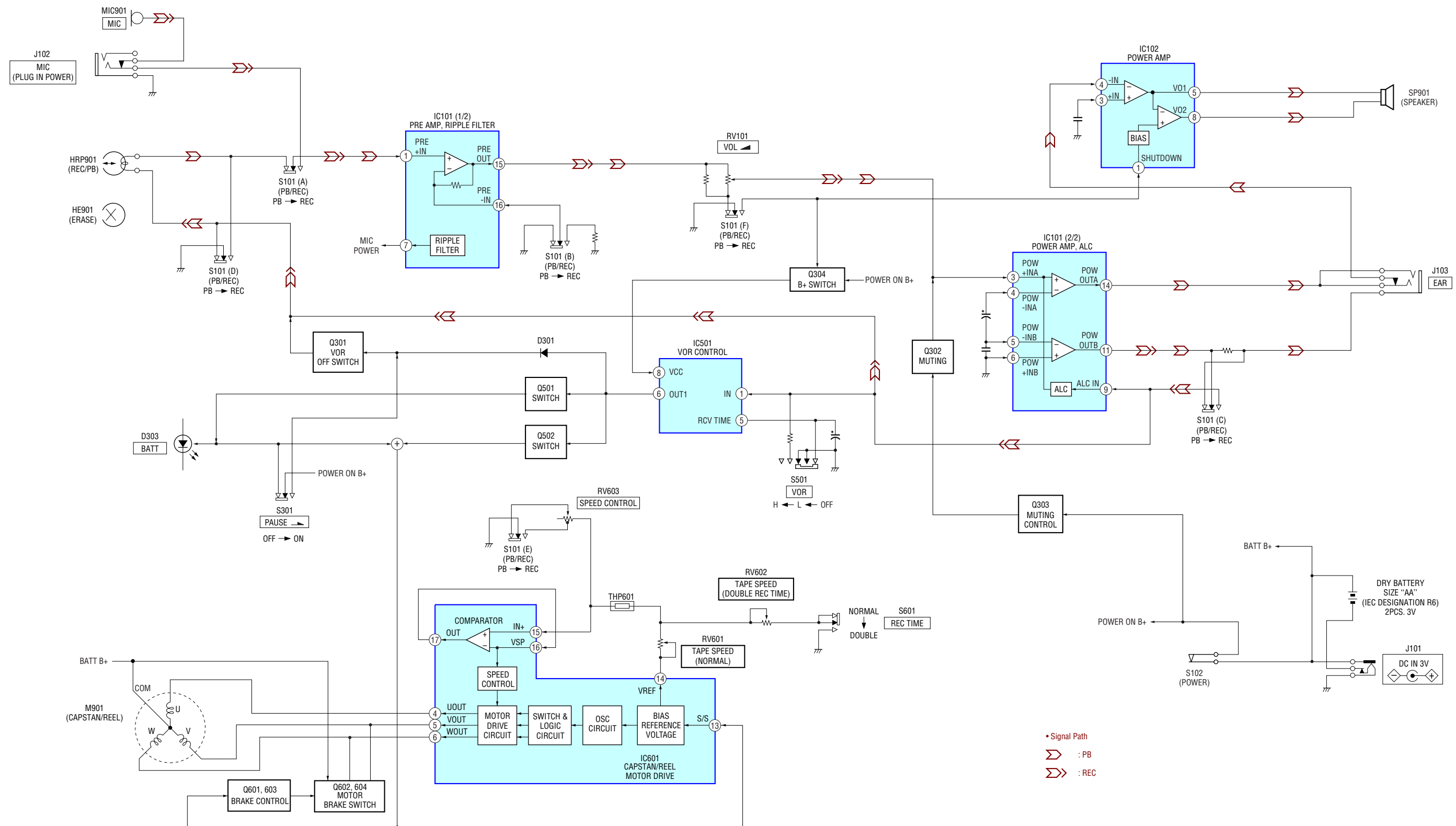
IC501 NJM2072 (TE2)



IC601 LB1979VS-TLM

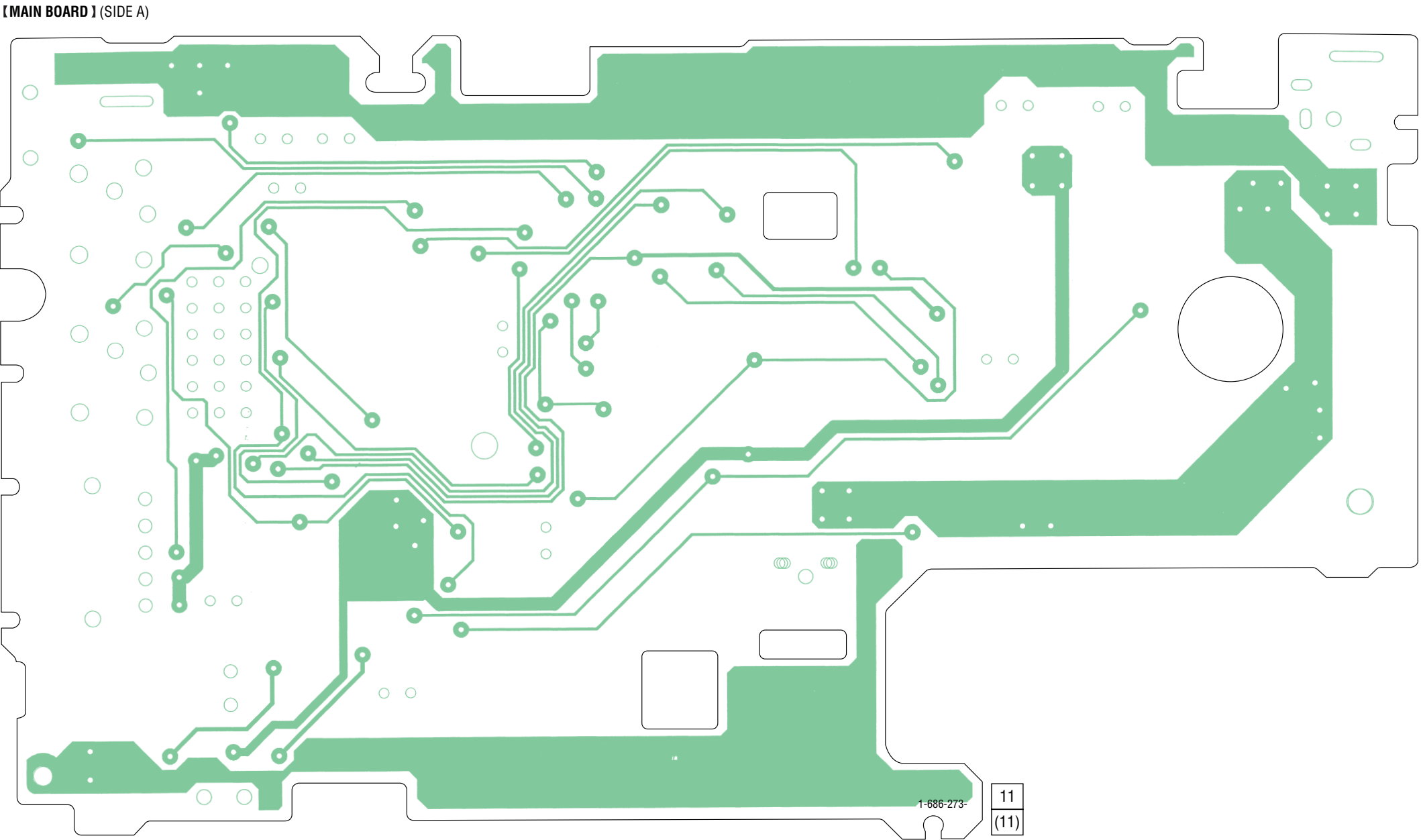


6-1. Block Diagram

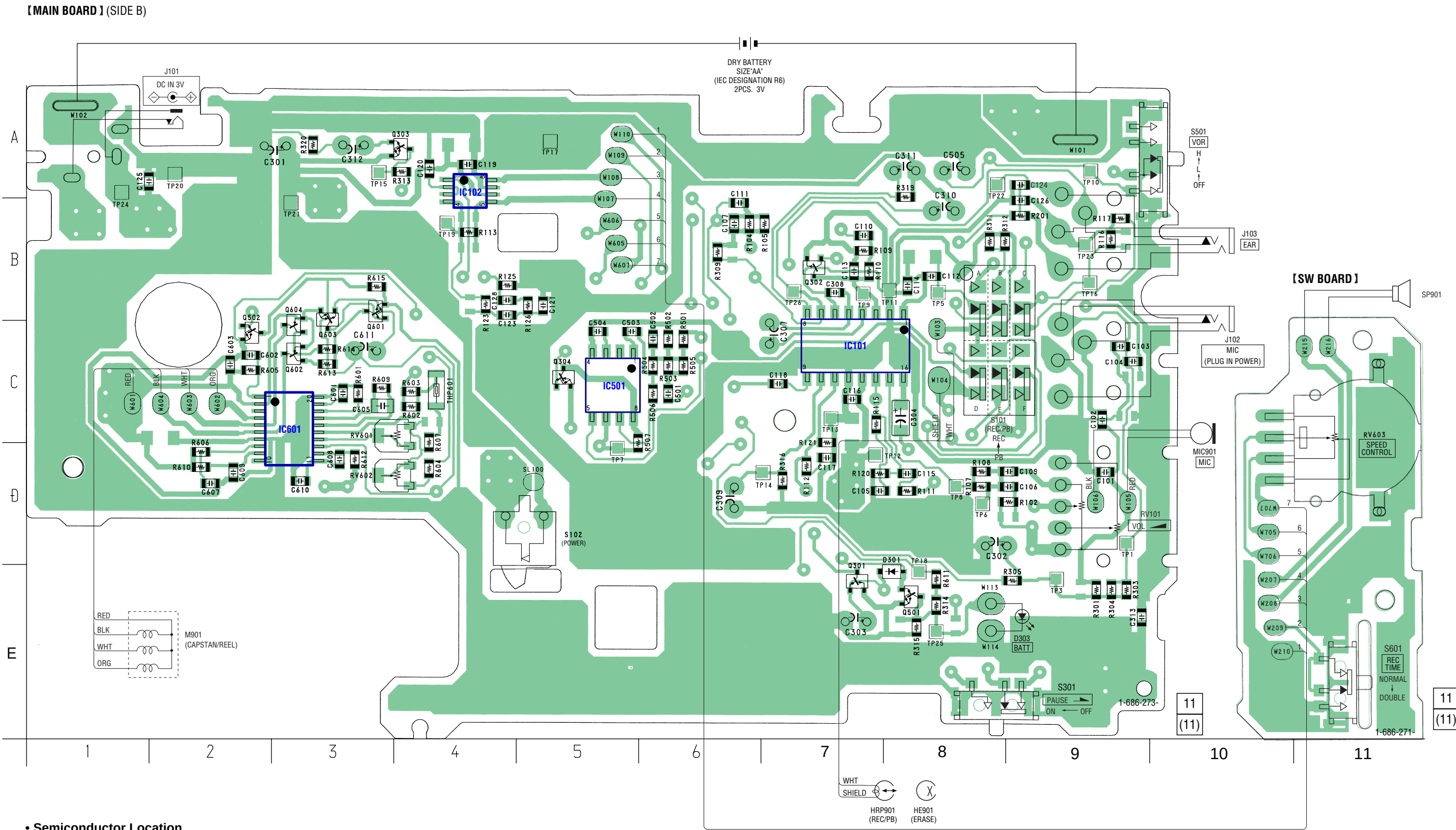


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6-2. Printed Wiring Board – MAIN Board Side A –



6-3. Printed Wiring Board – MAIN Board Side B –



6-4. Schematic Diagram



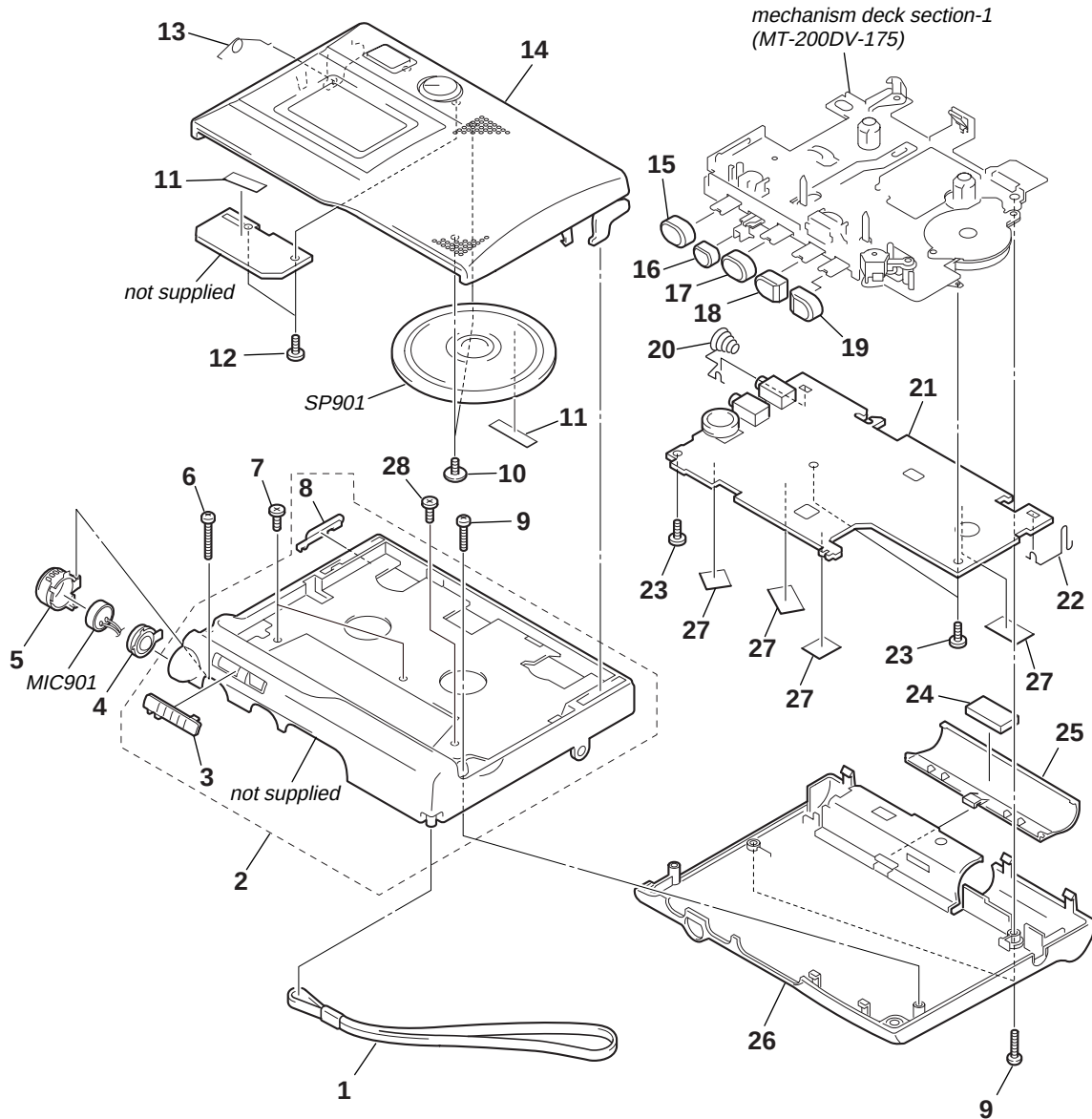
SECTION 7

EXPLODED VIEWS

NOTE:

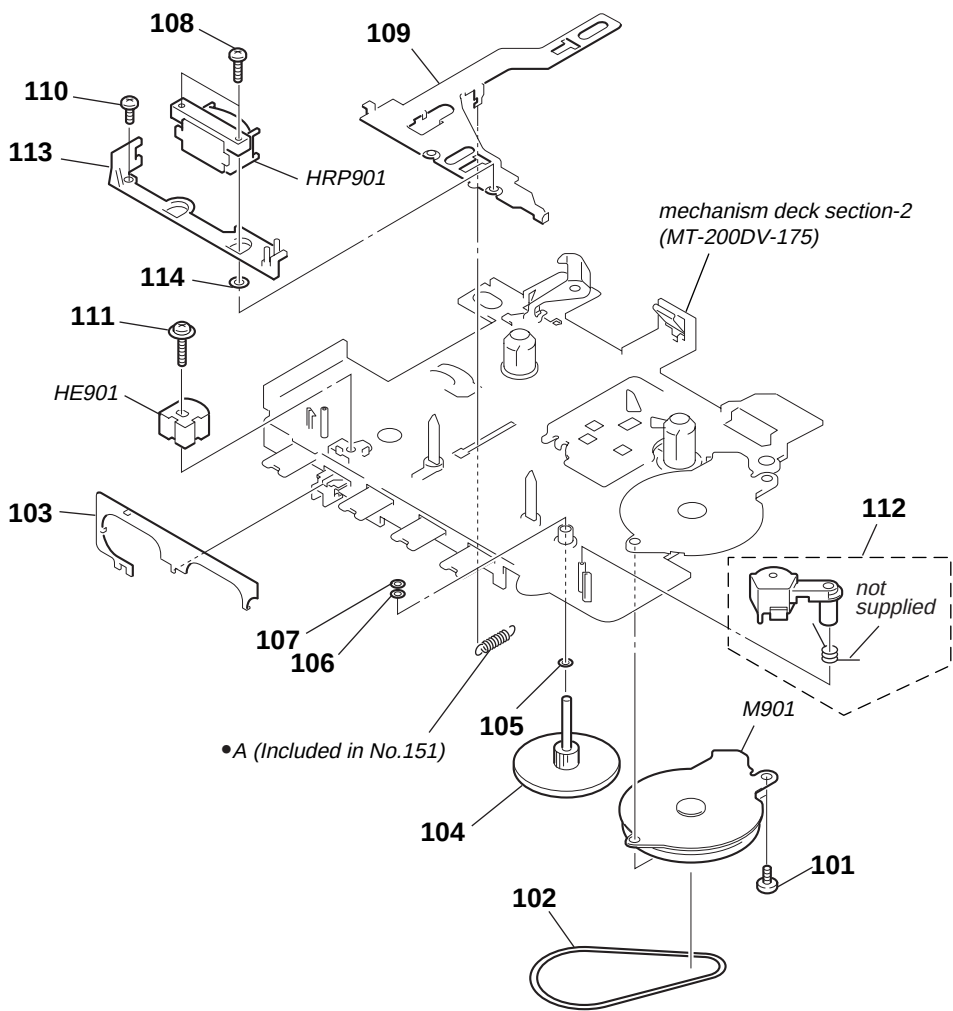
- Abbreviation
 - 1E : No indication of country of origin
 - CH : Chinese model

7-1. Cabinet Section



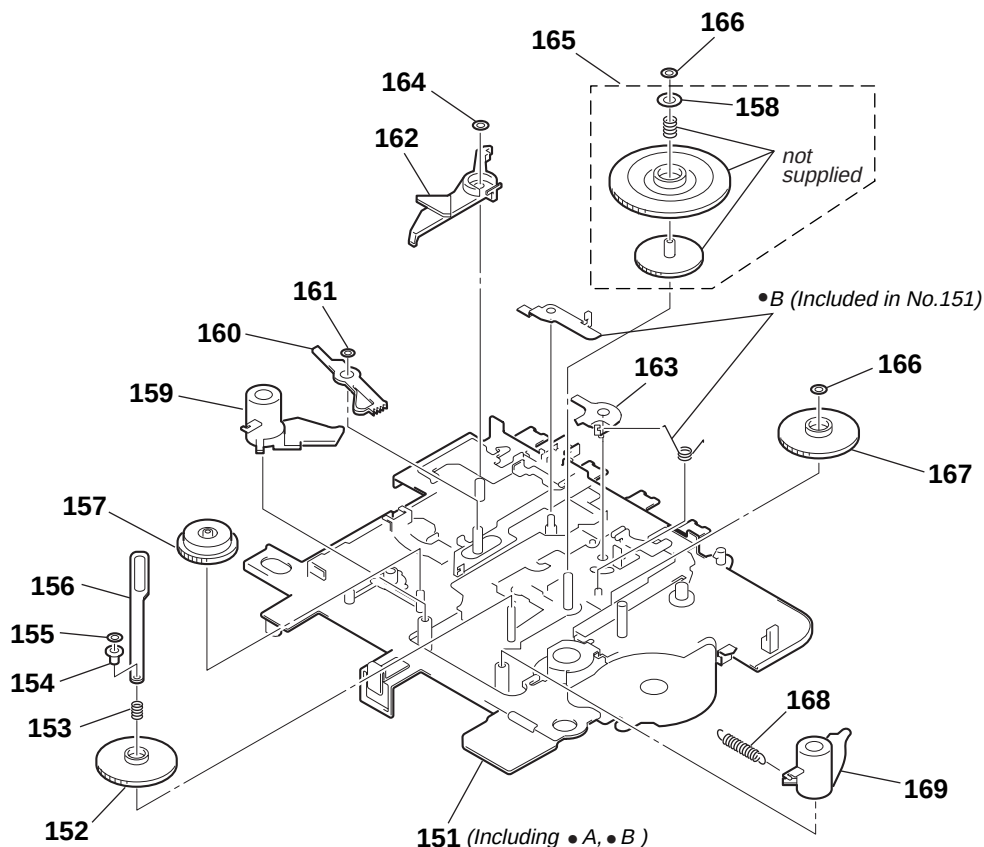
Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	3-328-319-01	STRAP, HAND		17	3-234-568-01	BUTTON (PLAY)	
2	X-3382-530-1	CABINET (FRONT) ASSY		18	3-234-570-01	BUTTON (REW)	
3	3-245-732-01	KNOB (PAUSE)		19	3-234-569-01	BUTTON (FF)	
4	3-245-735-01	CUSHION, MICROPHONE		20	3-245-751-01	TERMINAL (-), BATTERY	
5	3-245-734-01	GRILLE, MICROPHONE		* 21	A-3178-873-A	MAIN BOARD, COMPLETE	
6	3-035-255-01	SCREW (1.7X16)		22	3-245-750-01	TERMINAL (+), BATTERY	
7	3-704-197-42	SCREW (IB LOCK)		23	3-345-648-01	SCREW (M1.4), TOOTHED LOCK	
8	3-245-733-01	KNOB (VOR)		24	3-917-753-11	CUSHION	
9	3-318-203-92	SCREW (B1.7X9), TAPPING		25	3-245-731-01	LID, BATTERY	
10	3-034-792-01	SCREW, TAPPING (B2.0)		26	3-245-730-01	REAR, CABINET (E, CH)	
11	4-017-441-01	CUSHION (B)		26	3-245-730-11	REAR, CABINET (1E)	
12	3-375-114-71	SCREW		27	3-831-441-99	SPEAKER, KNOB	
13	3-245-737-01	SPRING (CASSETTE)		28	3-704-197-31	LOCK, SERRAT IB	
14	X-3382-534-1	LID ASSY, CASSETTE		MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDEDSER	
15	3-245-736-01	BUTTON (REC)		SP901	1-825-233-11	SPEAKER	
16	3-235-589-01	BUTTON (STOP)					

7-2. Mechanism Deck Section-1 (MT-200DV-175)



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
101	3-704-197-01	SCREW (M1.4), SPECIAL HEAD		110	3-703-816-24	SCREW (M1.4X2.5), SPECIAL HEAD	
102	3-234-857-01	BELT (CAP)		111	3-703-925-21	SCREW (M1.4)	
103	3-234-856-01	LEVER (PAUSE)		112	X-3379-882-1	PINCH (N) ASSY, ARM	
104	X-3379-877-1	FLY ASSY (AR), CAPSTAN		113	3-234-861-01	GUIDE (ARO), TAPE	
105	3-386-694-01	WASHER		114	3-231-358-01	WASHER	
106	3-029-278-01	WASHER		HE901	1-500-515-11	HEAD, MAGNETIC (ERASE)	
107	3-029-275-01	WASHER (STOPPER N)		HRP901	1-500-717-11	HEAD,MAGNETIC(REC/PB)	
108	3-703-816-73	SCREW (M1.4), SPECIAL HEAD		M901	1-763-772-11	MOTOR, DC (CAPSTAN/REEL)	
109	3-234-863-02	BRACKET (ARO), HEAD					

7-3. Mechanism Deck Section-2 (MT-200DV-175)



Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
151	X-3381-206-1	CHASSIS ASSY (ARO)		161	3-229-064-01	WASHER, STOPPER	
152	3-225-385-01	GEAR (B)		162	3-225-393-01	LEVER (SHUT/OFF)	
153	3-229-063-01	SPRING (UD) (R), COMPRESSION		163	X-3381-450-1	LEVER (EASY-N) ASSY	
154	3-019-778-01	SLEEVE (MS)		164	3-321-813-71	WASHER, COTTER POLYETHYLENE	
155	3-728-091-01	WASHER, STOPPER		165	X-3379-881-1	CLUTCH ASSY (AR)	
156	3-225-427-01	WASHER, LEVER		166	3-315-384-31	WASHER, STOPPER	
157	3-225-384-01	GEAR (A)		167	3-225-388-01	GEAR (D)	
158	3-344-901-01	WASHER, STOPPER		168	3-225-444-01	SPRING (FR ROTARY), TENSION	
159	3-225-395-01	LEVER (REW ROTARY)		169	3-225-394-01	LEVER (FF ROTARY)	
160	X-3380-677-1	LEVER (E DETECTION) ASSY					

TCM-200DV

MAIN

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable
- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u: μ , for example:
uA. . : μ A. . uPA. . : μ PA. .
uPB. . : μ PB. . uPC. . : μ PC. .
uPD. . : μ PD. .
• CAPACITORS
uF: μ F
- COILS
uH: μ H
- Abbreviation
1E : No indication of country of origin
CH : Chinese model

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
*	A-3178-873-A	MAIN BOARD, COMPLETE *****				C603	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
		< CAPACITOR >				C605	1-125-838-11	CERAMIC CHIP	2.2uF	10%	6.3V
C101	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V	C607	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C102	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	C608	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C103	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C609	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V
C104	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V	C610	1-115-467-11	CERAMIC CHIP	0.22uF	10.00%	10V
C105	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C611	1-126-157-11	ELECT	10uF	20%	16V
		< DIODE >									
C106	1-113-619-11	CERAMIC CHIP	0.47uF		10V	D301	8-719-404-50	DIODE MA111-TX			
C107	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	D303	8-719-057-27	DIODE L-132XHD (BATT)			
C109	1-113-619-11	CERAMIC CHIP	0.47uF		10V			< IC >			
C110	1-115-467-11	CERAMIC CHIP	0.22uF	10.00%	10V	IC101	8-759-339-54	IC NJM2128M-TE2			
C111	1-115-156-11	CERAMIC CHIP	1uF		10V	IC102	6-702-440-01	IC LM4890MMX			
C112	1-115-156-11	CERAMIC CHIP	1uF		10V	IC501	8-759-701-51	IC NJM2072M (TE2)			
C113	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	IC601	8-759-638-51	IC LB1979VS-TLM			
C114	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V			< JACK >			
C115	1-107-826-11	CERAMIC CHIP	0.1uF	10.00%	16V	J101	1-794-615-11	JACK,DC (POLARITY UNIFIED TYPE)(DC IN 3V)			
C116	1-115-156-11	CERAMIC CHIP	1uF		10V	J102	1-766-847-12	JACK (MIC (PLUG IN POWER))			
C117	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	J103	1-766-847-12	JACK (EAR)			
C118	1-115-156-11	CERAMIC CHIP	1uF		10V			< TRANSISTOR >			
C119	1-115-156-11	CERAMIC CHIP	1uF		10V	Q301	8-729-420-50	TRANSISTOR UN5215- (TX)			
C120	1-115-156-11	CERAMIC CHIP	1uF		10V	Q302	8-729-013-37	TRANSISTOR 2SC4213-AB-TE85L			
C121	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	Q303	8-729-402-96	TRANSISTOR UN5114-TX			
C123	1-113-619-11	CERAMIC CHIP	0.47uF		10V	Q304	8-729-402-96	TRANSISTOR UN5114-TX			
C124	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	Q501	8-729-402-93	TRANSISTOR UN5214-TX			
C125	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	Q502	8-729-402-93	TRANSISTOR UN5214-TX			
C126	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	Q601	8-729-402-93	TRANSISTOR UN5214-TX			
C128	1-115-156-11	CERAMIC CHIP	1uF		10V	Q602	8-729-823-86	TRANSISTOR 2SA1745-TL			
C301	1-126-518-11	ELECT	470uF	20.00%	4V	Q603	8-729-402-96	TRANSISTOR UN5114-TX			
C302	1-124-435-61	ELECT	10uF	20%	6.3V	Q604	8-729-823-86	TRANSISTOR 2SA1745-TL			
C303	1-124-435-61	ELECT	10uF	20%	6.3V			< RESISTOR >			
C304	1-104-851-11	TANTAL. CHIP	10uF	20.00%	10V	R102	1-216-817-11	METAL CHIP	470	5%	1/10W
C307	1-124-435-61	ELECT	10uF	20%	6.3V	R104	1-216-833-11	METAL CHIP	10K	5%	1/10W
C308	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	R105	1-216-837-11	METAL CHIP	22K	5%	1/10W
C309	1-124-435-61	ELECT	10uF	20%	6.3V	R107	1-216-821-11	METAL CHIP	1K	5%	1/10W
C310	1-107-794-71	ELECT	47uF	20%	4V	R108	1-216-817-11	METAL CHIP	470	5%	1/10W
C311	1-107-794-71	ELECT	47uF	20%	4V						
C312	1-126-157-11	ELECT	10uF	20%	16V	R109	1-216-833-11	METAL CHIP	10K	5%	1/10W
C313	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	R110	1-216-833-11	METAL CHIP	10K	5%	1/10W
C501	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	R111	1-216-793-11	METAL CHIP	4.7	5%	1/10W
C502	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	R112	1-216-789-11	METAL CHIP	2.2	5%	1/10W
C503	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	R113	1-216-837-11	METAL CHIP	22K	5%	1/10W
C504	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V						
C505	1-124-430-00	ELECT	22uF	20.00%	4V	R115	1-216-805-11	METAL CHIP	47	5%	1/10W
C601	1-117-863-11	CERAMIC CHIP	0.47uF	10.00%	6.3V						
C602	1-165-176-11	CERAMIC CHIP	0.047uF	10.00%	16V						

TCM-200DV

MAIN

SW

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
R116	1-216-809-11	METAL CHIP	100 5% 1/10W			SW BOARD	
R117	1-216-805-11	METAL CHIP	47 5% 1/10W			*****	
R120	1-216-825-11	METAL CHIP	2.2K 5% 1/10W			< VARIABLE RESISTOR >	
R121	1-216-825-11	METAL CHIP	2.2K 5% 1/10W				
R122	1-216-833-11	METAL CHIP	10K 5% 1/10W	RV603	1-227-445-11	RES, VAR, CARBON 30K (SPEED CONTROL)	
R123	1-216-833-11	METAL CHIP	10K 5% 1/10W			< SWITCH >	
R125	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				
R126	1-216-833-11	METAL CHIP	10K 5% 1/10W	S601	1-572-922-11	SWITCH, SLIDE (REC TIME)	
R201	1-216-801-11	METAL CHIP	22 5% 1/10W			*****	
R301	1-216-825-11	METAL CHIP	2.2K 5% 1/10W			MISCELLANEOUS	
R303	1-216-837-11	METAL CHIP	22K 5% 1/10W			*****	
R304	1-216-833-11	METAL CHIP	10K 5% 1/10W	HE901	1-500-515-12	HEAD, MAGNETIC (ERASE)	
R305	1-216-817-11	METAL CHIP	470 5% 1/10W	HRP901	1-500-717-11	HEAD, MAGNETIC (REC/PB)	
R309	1-216-833-11	METAL CHIP	10K 5% 1/10W	M901	1-763-772-11	MOTOR, DC (CAPSTAN/REEL)	
R311	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDENSER	
R312	1-216-833-11	METAL CHIP	10K 5% 1/10W	SP901	1-825-233-11	SPEAKER	
R313	1-216-833-11	METAL CHIP	10K 5% 1/10W			*****	
R314	1-216-817-11	METAL CHIP	470 5% 1/10W			ACCESSORIE	
R315	1-216-825-11	METAL CHIP	2.2K 5% 1/10W			*****	
R316	1-216-861-11	METAL CHIP	2.2M 5% 1/10W	3-245-602-11		MANUAL, INSTRUCTION	
R319	1-216-841-11	METAL CHIP	47K 5% 1/10W			(ENGLISH,FRENCH,SPANISH)(E)	
R320	1-216-829-11	METAL CHIP	4.7K 5% 1/10W	3-245-602-51		MANUAL, INSTRUCTION	
R501	1-216-833-11	METAL CHIP	10K 5% 1/10W			(ENGLISH,PORTUGUESE,CHINESE)(E)	
R502	1-216-845-11	METAL CHIP	100K 5% 1/10W	3-245-602-71		MANUAL, INSTRUCTION	
R503	1-216-845-11	METAL CHIP	100K 5% 1/10W			(ENGLISH,CHINESE)(CH)	
R504	1-216-833-11	METAL CHIP	10K 5% 1/10W	3-245-602-81		MANUAL, INSTRUCTION	
R505	1-216-841-11	METAL CHIP	47K 5% 1/10W			(ENGLISH,PORTUGUESE,CHINESE)(1E)	
R506	1-216-837-11	METAL CHIP	22K 5% 1/10W				
R507	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				
R601	1-216-825-11	METAL CHIP	2.2K 5% 1/10W				
R602	1-216-833-11	METAL CHIP	10K 5% 1/10W				
R603	1-216-837-11	METAL CHIP	22K 5% 1/10W				
R604	1-216-809-11	METAL CHIP	100 5% 1/10W				
R605	1-216-857-11	METAL CHIP	1M 5% 1/10W				
R606	1-216-857-11	METAL CHIP	1M 5% 1/10W				
R607	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R609	1-216-845-11	METAL CHIP	100K 5% 1/10W				
R610	1-216-857-11	METAL CHIP	1M 5% 1/10W				
R611	1-216-821-11	METAL CHIP	1K 5% 1/10W				
R612	1-216-829-11	METAL CHIP	4.7K 5% 1/10W				
R613	1-216-809-11	METAL CHIP	100 5% 1/10W				
R614	1-216-809-11	METAL CHIP	100 5% 1/10W				
R615	1-216-833-11	METAL CHIP	10K 5% 1/10W				
		< VARIABLE RESISTOR >					
RV101	1-225-362-11	RES, VAR, MAIN CARBON 10K/10K (VOL)					
RV601	1-241-593-11	RES, ADJ, CERMET 4.7K					
RV602	1-241-593-11	RES, ADJ, CERMET 4.7K					
		< SWITCH >					
S101	1-786-282-11	SWITCH, SLIDE (REC/PB)					
S102	1-762-302-11	SWITCH, DETECTION (SMALL TYPE)(POWER)					
S301	1-572-922-11	SWITCH, SLIDE (PAUSE)					
S501	1-692-605-31	SWITCH, SLIDE (VOR)					
		< THERMISTOR (POSITIVE) >					
THP601	1-810-794-11	THERMISTOR, POSITIVE					

REVISION HISTORY

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

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