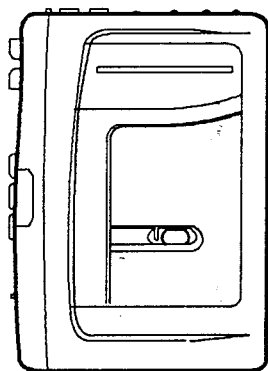


1125

aiwa

HS - JS215



STEREO RADIO CASSETTE RECORDER

• BASIC TAPE MECHANISM : α - 1MK II

• TYPE. Y

SPECIFICATIONS

Frequency range:

FM: 87.5-108 MHz

AM: 530-1,705 kHz (USA model)

530-1,605 kHz (Others)

Maximum output:

15 mW + 15 mW (EIAJ/32 Ω)

20 mW + 20 mW (EIAJ/16 Ω)

Power source:

Battery DC 3V, R6P (LR6, AA) $\times$ 2

Domestic AC power (using the optional AC adaptor)

Battery life:

Using manganese batteries (R6P, AA)

HP: Approx. 2.5 hours (EIAJ, recording mode)

Approx. 3.5 hours (EIAJ, 1mW output playback mode)

SPK (HS-JS315 only):

Approx. 3.5 hours (EIAJ, 1mW output playback mode)

Using alkaline batteries (LR6, AA)

HP: Approx. 7 hours (EIAJ, recording mode)

Approx. 9.5 hours (EIAJ, 1mW output playback mode)

SPK (HS-JS315 only):

Approx. 9.5 hours (EIAJ, 1mW output playback mode)

Dimensions:

118 (W) $\times$ 85.2 (H) $\times$ 32.3 (D) mm

(4 $\frac{3}{4}$ $\times$ 3 $\frac{3}{8}$ $\times$ 1 $\frac{1}{8}$ in.)

Weight:

Approx. 290g (0.64 lb) incl. dry cell battery

• Design and specifications are subject to change without notice.

MANUAL
SERVICE

1125

DISASSEMBLY INSTRUCTIONS

1. "Lid Cass ASSY" Removal (See Figure - 1)

- 1) Remove screw (A) and remove the "Lid Cass ASSY".

Note) When reinstalling, hook the "Spr - T, Click" as shown in the figure.

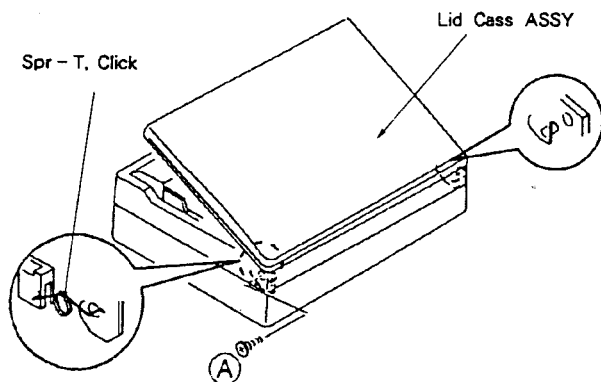


Fig - 1

2. "Hldr, Cass" Removal (See Figure - 2)

- 1) Remove 4 screws (A) and remove the "Hldr, Cass".

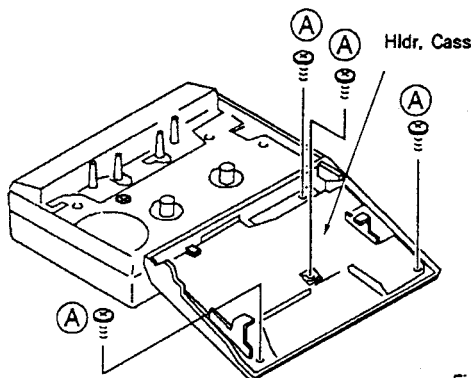


Fig - 2

3. "Cab ASSY, Rear" Removal (See Figure - 3)

- 1) Remove 4 screws (A×2, B×1, C×1) and the "Cab ASSY, Rear".

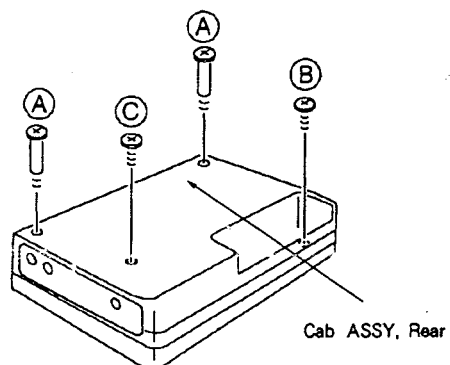


Fig - 3

4. "Main C.B" Removal (See Figure - 4)

- 1) Remove 2 screws (A) and remove the "Main C.B".

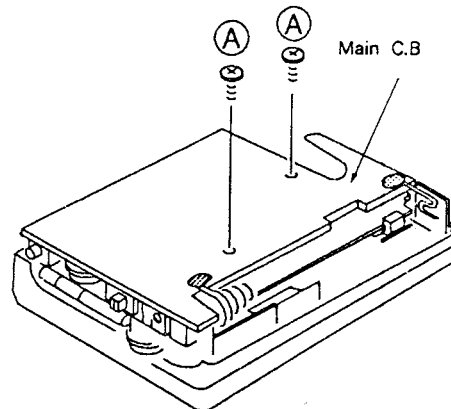


Fig - 4

5. "Mechanism ASSY" Removal

- 1) Remove 2 screws (A×1, B×1). (See Figure - 5)

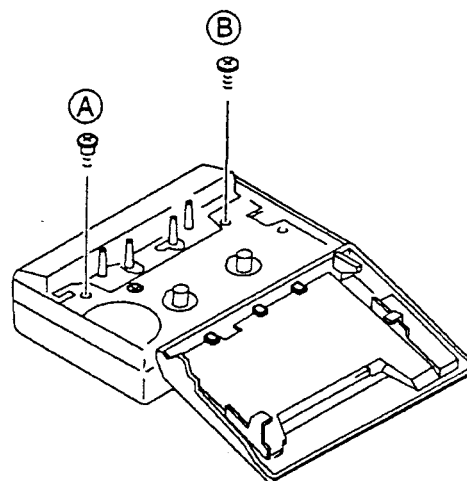


Fig - 5

- 2) Release the "Hook" in the direction of arrow ① while removing the "Mechanism ASSY" in the direction of arrow ② to remove the "Mechanism ASSY". (See Figure - 6)

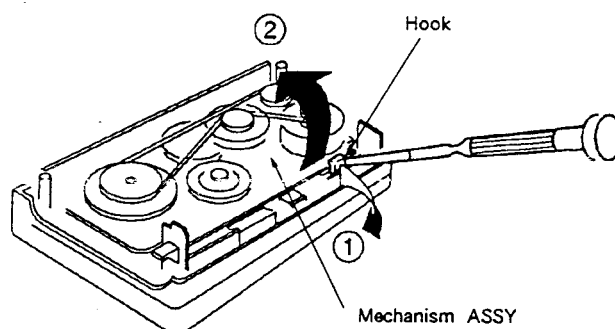


Fig - 6

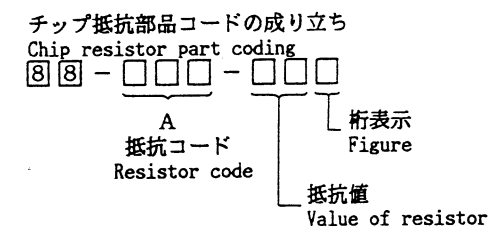
ELECTRICAL MAIN PARTS LIST

DESCRIPTIONで判断できない物は "REFERENCE NAME LIST" を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
=== IC ===					
	87-001-351-089	IC, AN6612S	C108	81-HK3-610-019	CAP, E 220-4
	87-020-234-089	IC, TA7688F	C109	87-010-805-089	C-CAP, S 1-16F
	87-001-379-089	IC, TA8122AF	C110	87-010-805-089	C-CAP, S 1-16F
	87-001-943-089	IC, TA8155F	C111	87-010-191-089	C-CAP, S 0.015-50 F
	87-001-516-080	IC, TK11821	C112	87-010-191-089	C-CAP, S 0.015-50 F
			C113	87-010-184-089	C-CAP, S 3300P-50 B
			C114	87-010-195-089	C-CAP, S 0.068-25 F
			C115	87-010-196-089	C-CAP, S 0.1-25 F
=== TRANSISTOR ===					
	89-502-094-089	FET, 2SK209(XY)	C116	87-010-174-089	C-CAP, S 470P-50 SL(FOR-01)
	89-502-114-089	FET, 2SK211(KY)	C117	87-010-805-089	C-CAP, S 1-16F
	89-111-624-089	C-TR, 2SA1162(Y) (SY)	C118	87-010-575-089	C-CAP, S 560P-50 UJ
	89-112-134-089	C-TR, 2SA1213(Y) (NY)	C119	87-010-335-089	C-CAP, S 15P-50 UJ(ONLY U)
	89-327-143-089	TR, 2SC2714(Q0)	C119	87-010-337-089	C-CAP, S 22P-50 UJ(EXCEPT U)
	89-333-266-089	C-TR, 2SC3326(B) (CCB)	C120	87-010-330-089	C-CAP, S 7P-50 UJ(FOR-01)
	87-026-263-089	C-TR, RN1410(XK)	C121	87-010-344-089	C-CAP, 82P-50UJ
	87-026-476-089	C-TR, RN1610(XK)	C122	87-010-197-089	C-CAP, S 0.01-25 B
	87-026-268-089	C-TR, RN2411(YM)	C123	87-010-197-089	C-CAP, S 0.01-25 B
	87-026-482-089	C-TR, RN4610(VK)	C124	87-010-321-089	C-CAP, S 82P-50 CH
			C125	87-010-197-089	C-CAP, S 0.01-25 B
			C126	87-010-196-089	C-CAP, S 0.1-25 F
=== DIODE ===					
	87-020-339-089	C-DIODE, 1SS226 (C3)	C127	87-010-188-089	C-CAP, S 6800P-50 B
			C128	87-010-196-089	C-CAP, S 0.1-25 F
			C129	87-012-156-089	C-CAP, S 220P CH(FOR-11)
			C130	87-010-196-089	C-CAP, S 0.1-25 F
=== MAIN CIRCUIT BOARD SECTION ===					
BPF1	87-030-136-010	FLTR, BPFM8L 7.0	C131	87-018-131-019	CAP, TC-U 1000P-50 B
C1	87-010-178-089	C-CAP, S 1000P-50 B	C132	87-018-119-019	CAP, TC-U 100P-50 B
C2	87-010-178-089	C-CAP, S 1000P-50 B	C133	87-018-127-019	CAP, TC-U 470P-50 B
C3	87-010-184-089	C-CAP, S 3300P-50 B	C134	87-010-326-019	C-CAP, S 3P-50 UJ
C4	87-010-184-089	C-CAP, S 3300P-50 B	C201	87-010-176-089	C-CAP, S 680P-50 SL
C5	87-010-805-089	C-CAP, S 1-16F	C202	87-010-197-089	C-CAP, S 0.01-25 B
C6	87-010-805-089	C-CAP, S 1-16F	C203	87-010-197-089	C-CAP, S 0.01-25 B
C7	87-010-197-089	C-CAP, S 0.01-25 B	C204	87-010-180-089	C-CAP, S 1500P-50 B
C8	87-010-197-089	C-CAP, S 0.01-25 B	C205	87-010-501-049	CAP, E GAS 47-4
C9	87-010-499-049	CAP, E 22-6.3 GAS	C206	87-010-197-089	C-CAP, S 0.01-25 B
C10	87-010-499-049	CAP, E 22-6.3 GAS	C207	87-010-197-089	C-CAP, S 0.01-25 B
C11	87-010-805-089	C-CAP, S 1-16F	C208	87-010-587-049	CAP, E 100-2
C12	87-010-805-089	C-CAP, S 1-16F	C209	87-010-499-049	CAP, E 22-6.3 GAS
C13	87-010-805-089	C-CAP, S 1-16F	C210	87-010-501-049	CAP, E GAS 47-4
C14	87-010-805-089	C-CAP, S 1-16F	C211	87-010-184-089	C-CAP, S 3300P-50 B
C15	87-010-188-089	C-CAP, S 6800P-50 B	C213	87-010-587-049	CAP, E 100-2
C16	87-010-188-089	C-CAP, S 6800P-50 B	C214	87-010-501-049	CAP, E GAS 47-4
C17	87-010-087-049	CAP TANTAL, 1-16V	C215	84-439-620-019	CAP, E 470-4
C18	87-010-087-049	CAP TANTAL, 1-16V	C216	87-010-503-049	CAP, E 220-4 GAS
C19	87-010-805-089	C-CAP, S 1-16F	C219	87-010-493-049	CAP, E 0.47-50 GAS
C20	87-010-805-089	C-CAP, S 1-16F	C220	87-010-503-049	CAP, E 220-4 GAS
C21	87-018-119-019	CAP, TC-U 100P-50 B	C221	87-010-805-089	C-CAP, S 1-16F
C22	87-018-119-019	CAP, TC-U 100P-50 B	C222	87-010-503-049	CAP, E 220-4 GAS
C23	87-010-805-089	C-CAP, S 1-16F	CF101	87-008-444-019	FLTR KIT, FM 5RANK
C24	87-010-805-089	C-CAP, S 1-16F	CF103	+++	FLTR KIT, FM 5RANK
C25	87-010-174-089	C-CAP, S 470P-50 SL	CF102	87-008-284-019	FLTR, PFB 468J
C26	87-010-174-089	C-CAP, S 470P-50 SL	CF104	87-030-200-019	VIB, CER CSB 456 F16 2M
C27	87-010-178-089	C-CAP, S 1000P-50 B	D101	87-026-435-080	C-VARICAP, KV1560 (A6)
C28	87-010-178-089	C-CAP, S 1000P-50 B	D102	87-026-359-089	C-VARICAP, KV1410 (F1)
C29	87-012-141-089	C-CAP, S 0.22-16 F	D103	87-026-359-089	C-VARICAP, KV1410 (F1)
C30	87-012-141-089	C-CAP, S 0.22-16 F	J1	87-009-253-019	JACK, 3.5 ST 2.5MM R (STEREO MIC)
C31	87-010-588-049	CAP, E 220-2	J2	87-049-861-019	JACK, 3.5 ST 2.5MM BK (PHONES)
C32	87-010-588-049	CAP, E 220-2	J3	87-009-022-019	DC JACK, LONG (DC3V)
C101	87-010-178-089	C-CAP, S 1000P-50 B	L1	87-003-143-089	COIL, 4.7UH
C102	87-010-501-019	CAP, E 47-4 GAS	L2	87-003-143-089	COIL, 4.7UH
C103	87-010-193-089	C-CAP, S 0.033-25 F	L101	80-HJ6-605-019	COIL, LOADING
C104	87-010-322-089	C-CAP, S 100P-50 CH	L102	87-008-447-019	IFT, AM
C105	87-010-197-089	C-CAP, S 0.01-25 B	L103	87-003-226-019	COIL, 100UH (FOR-01)
C106	87-010-196-089	C-CAP, S 0.1-25 F	L103	87-005-749-089	COIL, 100UH (FOR-11)
C107	87-010-195-089	C-CAP, S 0.068-25 F	L104	80-HJ6-615-019	COIL, OSC FM, D

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
L105	82-HJ6-603-019	COIL, RF FM	C305	87-010-197-089	C-CAP, S 0.01-25 B
L106	80-HJ5-605-019	BAR ANT	C306	87-010-196-089	C-CAP, S 0.1-25 F
L201	87-007-189-019	COIL, OSC	C307	87-010-452-089	C-CAP, 1-16 F
L204	87-003-143-089	COIL, 4.7UH	C401	87-010-424-089	C-CAP, TN 4.7-4
LED1	87-020-520-019	LED, TLR226 (FORM) (OPE/BATT)	C402	87-010-424-089	C-CAP, TN 4.7-4
R221	87-022-042-089	C-RES, M M/F 0.51-1/8	C403	87-010-196-089	C-CAP, S 0.1-25 F
SFR3	87-024-050-019	SFR, 1K	C404	87-010-196-089	C-CAP, S 0.1-25 F
SW2	87-036-082-010	SW, SLIDE 2-2-2(REC/PLAY)	L301	87-007-249-089	COIL, DC-DC
SW3	87-036-204-010	SW, SLIDE 1-1-2(TAPE)	L302	87-005-262-089	C-COIL, 10UH
SW4	87-036-204-010	SW, SLIDE 1-1-2(FM MODE)	SFR10	87-024-183-089	C-SFR, 10K B
SW5	87-036-020-010	SW, SLIDE 2-2-2(FUNCTION)	SW301	87-036-123-089	C-SW, SLIDE 1-1-2(SUPER BASS)
SW6	87-036-204-010	SW, SLIDE 1-1-2(PAUSE)	VR301	84-427-606-019	VR, 100K(TUNING)
SW7	87-036-109-019	SW, PUSH SPPB 61(PLAY)	=== RELAY FLEX. CIRCUIT BOARD SECTION ===		
SW8	87-036-021-010	SW, SLIDE 2-1-2(BAND)	PCB-C	82-HJ6-606-019	CONT FLEX
TC101	87-011-155-019	TRIMMER, CER 10P	=== HEAD FLEX. CIRCUIT BOARD SECTION ===		
TC102	87-011-155-019	TRIMMER, CER 10P	RPH	87-046-338-019	HEAD, ASSY RPH(W/PCB-D)
TC103	87-011-155-019	TRIMMER, CER 10P	SW1	86-567-601-019	SWITCH SLIDE (FWD/REV)
TH1	87-026-256-010	THMS, HT-100	=== MISCELLANEOUS ===		
VR1	87-024-326-019	VR, 20KAX2 DIA8(VOLUME)	EH	86-541-601-210	EH
=== CONTROL CIRCUIT BOARD SECTION ===			M1	87-045-300-019	MOTOR (BDH3B)
C301	87-010-321-089	C-CAP, S 82P-50 CH			
C302	87-010-154-089	C-CAP, S 10P-50 CH			
C303	87-010-196-089	C-CAP, S 0.1-25 F			
C304	87-010-746-089	C-CAP, TN 10-4			

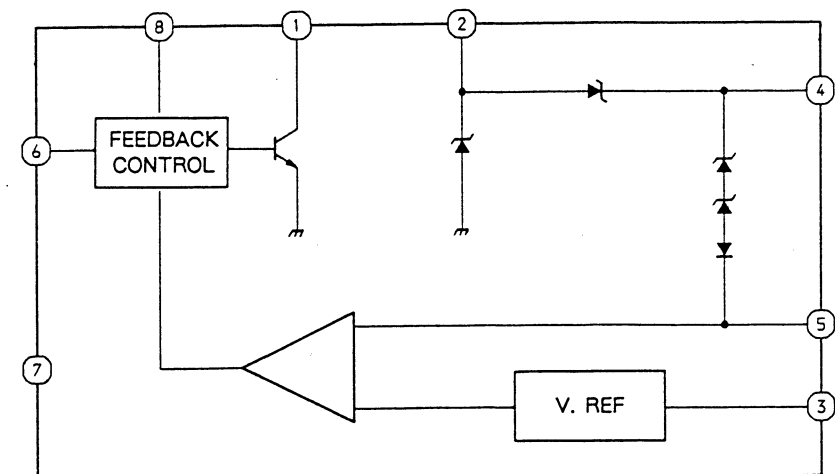
チップ抵抗部品コード/CHIP RESISTOR PART CODE

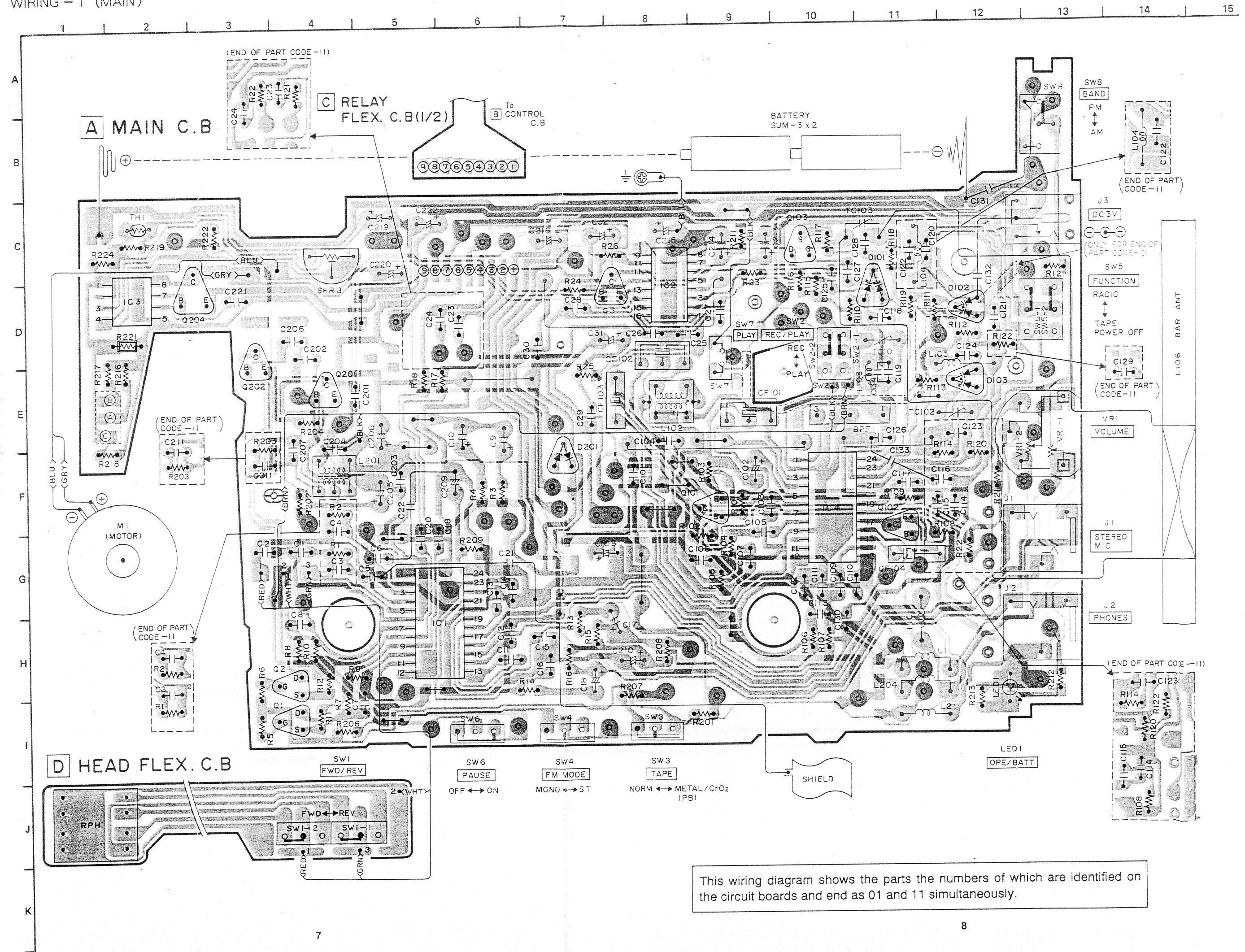
チップ抵抗
Chip resistor

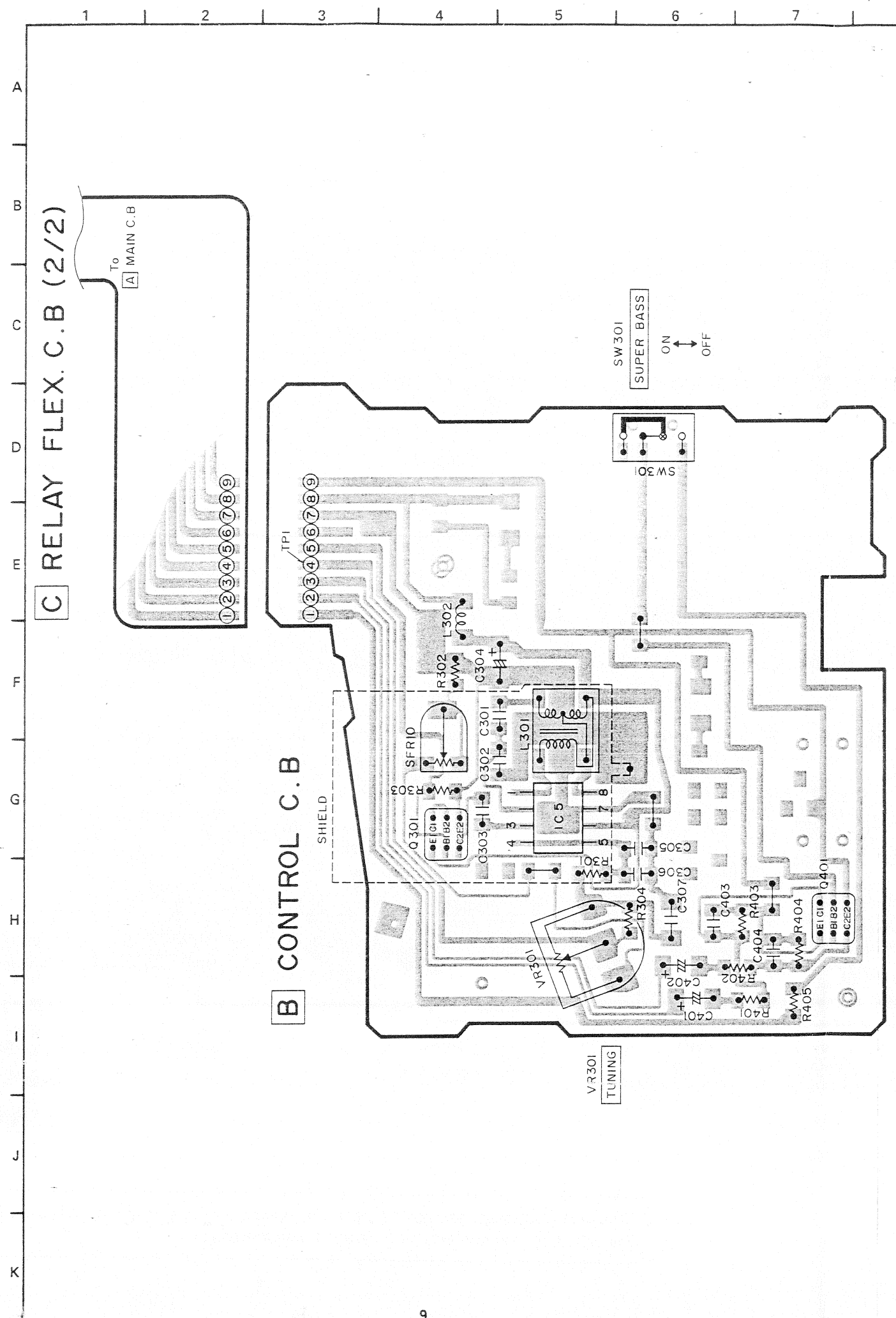
Wattage 容量	Type 種類	Tolerance 許容誤差	Symbol 記号	Dimensions/寸法(mm)				Resistor Code : A 抵抗コード : A
				Form/外形	L	W	t	
1/32W	1608	±5%	CJ		1.6	0.8	0.35	108
1/10W	2125	±5%	CJ		2	1.25	1.45	118
1/8W	3216	±5%	CJ		3.2	1.6	0.5 ~0.7	128

IC BLOCK DIAGRAM

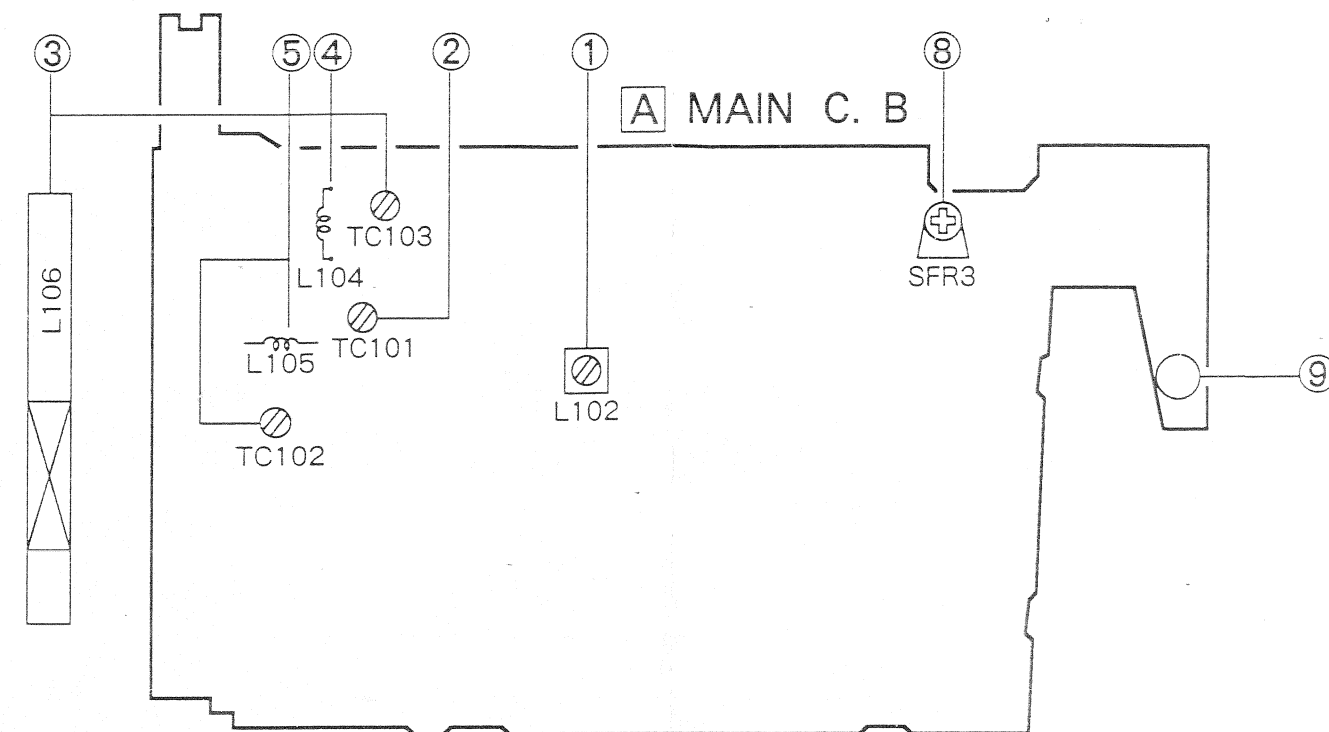
IC, TK11821







ADJUSTMENT



<RADIO SECTION>

1. AM IF Adjustment
L102 468kHz $\pm$ 2.5kHz
2. AM Frequency Range Adjustment
TC101 1660kHz $\pm$ 10kHz (other)
1770kHz $\pm$ 10kHz (U)
3. AM Tracking Adjustment
L106 630kHz
TC103 1440kHz
4. FM Frequency Range Adjustment
L104 87.0MHz $\pm$ 0.1MHz (other)
87.4MHz $\pm$ 0.1MHz (Z)

5. FM Tracking Adjustment
L105 88.0MHz
TC102 108MHz
6. FM VT Adjustment
Setting : • Test point : TP1
• Adjustment location : SFR10
Method : • Set to FM LOW END and adjust SFR10 so that the test point becomes 1.075V $\pm$ 0.025V.

PRACTICAL SERVICE FIGURE

<RADIO SECTION>

Sensitivity:

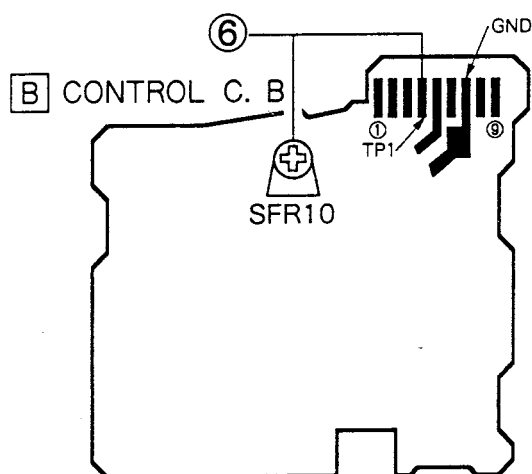
(IHF THD 3%)	FM $13 \pm 5\text{dB}$ (at 100MHz)
(S/N 10dB)	AM $51 \pm 4\text{dB}$ (at 999kHz)
	(at 1000kHz) (YU ONLY)

Intermediate frequency: FM 10.7MHz
AM 468kHz

FM Separation: $20 \pm 4\text{dB}$

<TAPE RECORDER SECTION>

Wow & flutter:	Less than 0.48% (RMS)
Pinch Roller Pressure:	$180 \pm 20\text{g-cm}$ (FWD, REV)
Take-up torque:	$22 \sim 40\text{g-cm}$ (FWD, REV)
F. F torque:	$70 \sim 140\text{g-cm}$
Rew torque:	$70 \sim 140\text{g-cm}$
Back tension:	$2 \sim 5.5\text{g-cm}$ (FWD, REV)
S/N ratio:	More than 43dB (P.B)
Distortion:	Less than 3.0% (P.B)
Noise level:	Less than 6mV (VOL MAX. DC)
Erasing ratio:	More than 48dB (1kHz)
Frequency response:	$63\text{Hz} \sim 8\text{kHz} \pm 5\text{dB}$ (NORMAL)
	$63\text{Hz} \sim 10\text{kHz} \pm 5\text{dB}$ (CrO ₂ , METAL)



<TAPE RECORDER SECTION>

7. Azimuth Adjustment

Settings : • Test tape : TTA - 320

- Test point : PHONES JACK
- Adjustment location : Azimuth adjustment screw
- SUPER BASS SW : OFF

Method : • Play back the 8kHz signal of the test tape, and adjust so that the output becomes maximum at FWD or REV mode.

8. Tape Speed Adjustment

Settings : • Test tape : TTA - 100 (TTA - 111S)

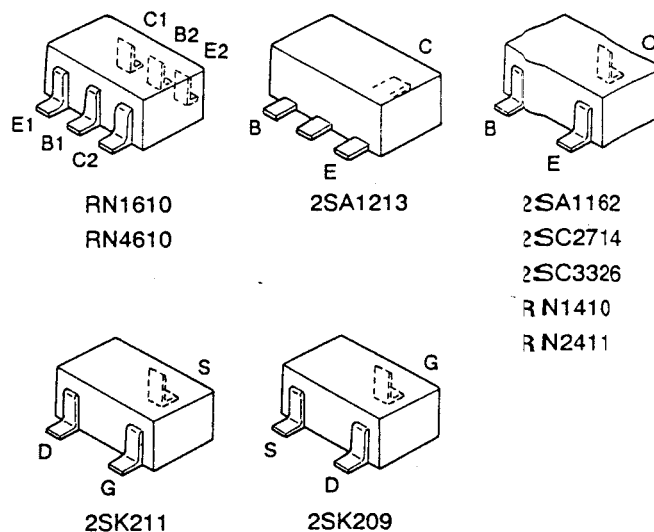
- Test point : PHONES JACK
- Adjustment location : SFR3

Method : • Play back the test tape, adjust for 3000Hz at FWD and $\pm 45\text{Hz}$ at REV.

9. Motor load Adjustment

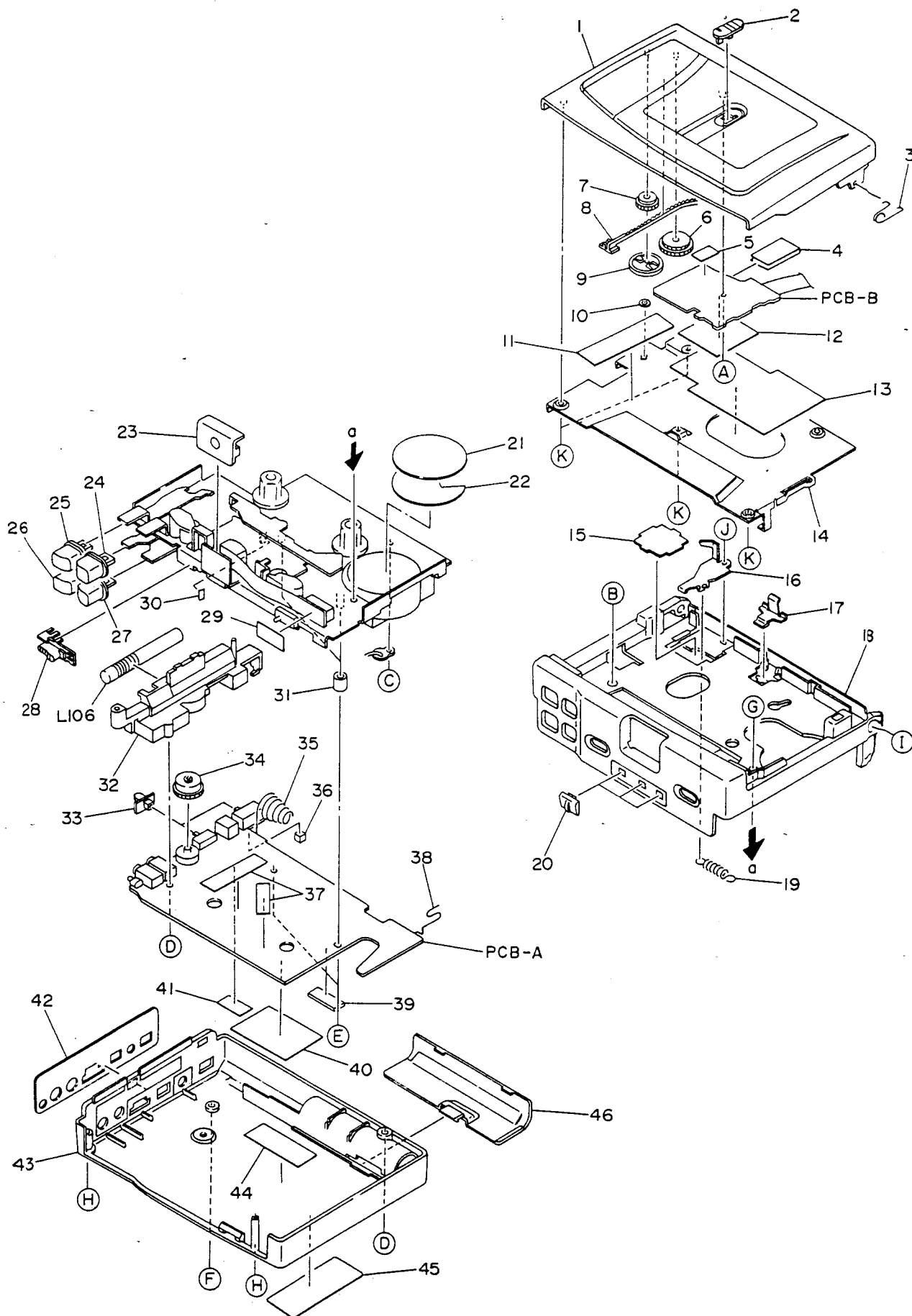
Refer to the REF NO. SI - 88 - 037 - OP of service technical information.

TRANSISTOR ILLUSTRATION



EXPLODED VIEW - 1

REF.NO.	PART NO.	DESCRIPTION	REF.NO.	PART NO.	DESCRIPTION	REF.NO.	PART NO.	DESCRIPTION
A	87-067-732-019	VT1.4-3HL	E	87-352-531-319	VT ₂ +1.7-5 (3)	I	87-067-756-019	SCREW HINGE 1.4-4 HL
B	87-067-494-019	V+1.7-4 (2)	F	87-067-768-019	VT ₂ +1.7-7 (3) (B)	J	87-067-963-019	SCREW HINGE 1.7-2.5 HL
C	87-358-525-319	VT ₂ +1.7-2.5 (3)	G	87-067-728-019	S-SCREW HINGE 1.7	K	87-067-527-019	VT+1.4-2.5 (B) HL
D	87-351-529-319	VT ₂ +1.7-4 (1) (B)	H	87-067-973-019	S-SCREW 1.7-2.1			



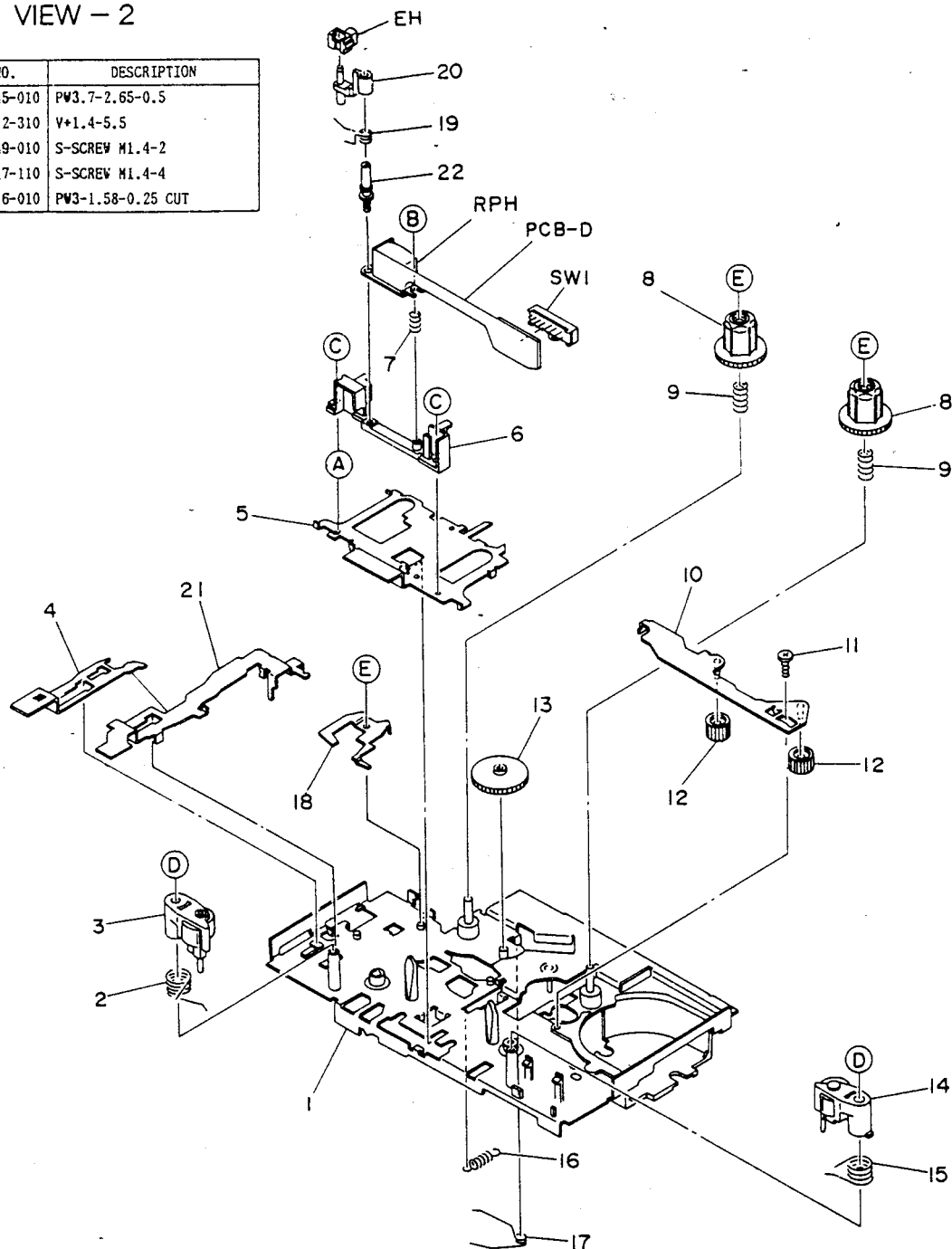
MECHANICAL PARTS LIST

DESCRIPTIONで判断できない物は"REFERENCE NAME LIST"を参照してください。
If can't understand for Description please kindly refer to "REFERENCE NAME LIST".

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q. TY
	1-1	09-028-058-010	LID CASS ASSY(WYUB)	*	1
	1-1	09-028-059-010	LID CASS ASSY(EXCEPT WYUB)	*	1
	1-2	82-HJ7-010-019	KNOB, SL SB	*	1
	1-3	82-HJ6-217-019	SPR-T, CLICK		1
	1-4	82-HJ6-610-010	SHIELD, SH CONT		1
	1-5	82-HJ6-595-019	MYLAR 9-11		1
	1-6	82-HJ6-205-019	GEAR, TUN A		1
	1-7	82-HJ6-206-019	GEAR, TUN B		1
	1-8	82-HJ6-017-019	POINTER, TUN		1
	1-9	82-HJ6-016-119	KNOB, TUN		1
	1-10	87-078-024-019	SHEET 3.5-1.4-0.2		1
	1-11	82-HJ6-012-019	SHEET, HLDR		1
	1-12	82-HJ6-597-019	MYLAR 30-50		1
	1-13	82-HJ6-215-019	SHEET, SPEAKER		1
	1-14	82-HJ6-201-119	HLDR, CASS		1
	1-15	82-HJ6-025-019	SHEET, CASS		1
	1-16	82-HJ6-212-019	LVR, REC PREVENTION		1
	1-17	82-HJ6-204-019	P-SP, CASS		1
	1-18	82-HJ6-003-219	FRAME, CENTER BLK		1
	1-19	82-HJ6-214-019	E-SP, LEVER		1
	1-20	82-HJ6-011-019	KNOB, SL FRONT		3
	1-21	84-530-023-019	LABEL, MOTOR		1
	1-22	89-038-084-019	SHIELD BOARD B		1
	1-23	82-HJ6-006-019	BTN, PLAY		1
	1-24	82-HJ6-010-019	BTN, REC		1
	1-25	82-HJ6-009-019	BTN, STOP		1
	1-26	82-HJ6-008-019	BTN, REW		1
	1-27	82-HJ6-007-019	BTN, FF		1
	1-28	82-HJ6-014-019	KNOB, SL DIRECTION		1
	1-29	---	CLOTH 15-10		1
	1-30	80-HJ5-599-119	MYLAR SHEET 3-6-0.1		1
	1-31	82-HJ6-211-019	JOINT, PWB		2
	1-32	82-HJ6-209-019	HLDR, ANT JACK		1
	1-33	80-HJ6-013-119	KNOB, SL B		2
	1-34	84-506-028-119	KNOB VOLUME		1
	1-35	82-HJ6-208-019	BAT-CONTACT -		1
	1-36	82-HJ6-219-019	G-CUSHION 2-2		1
	1-37	82-HJ6-596-019	MYLAR 9-25		2
	1-38	82-HJ6-207-019	BAT-CONTACT +		1
	1-39	82-HJ6-594-019	M-CUSHION 8-18		1
	1-40	82-HJ6-609-010	SHIELD SH, MAIN		1
	1-41	82-HJ6-593-019	MYLAR 20-25		1
	1-42	82-HJ6-019-019	PLATE, JACK		1
	1-43	82-HJ6-024-119	CAB ASSY, REAR		1
	1-43a	82-HJ6-004-019	LID BATT BLK		1
	1-44	84-499-618-010	SHIELD PLATE ASSY R		1
	1-45	82-HJ7-003-019	LBL, SPEC YJ(YJ1B)	*	1
	1-45	82-HJ7-004-019	LBL, SPEC Y(EXCEPT YJ1B, WYUB)	*	1
	1-45	---	LBL, SPEC(WYUB)		1

EXPLODED VIEW - 2

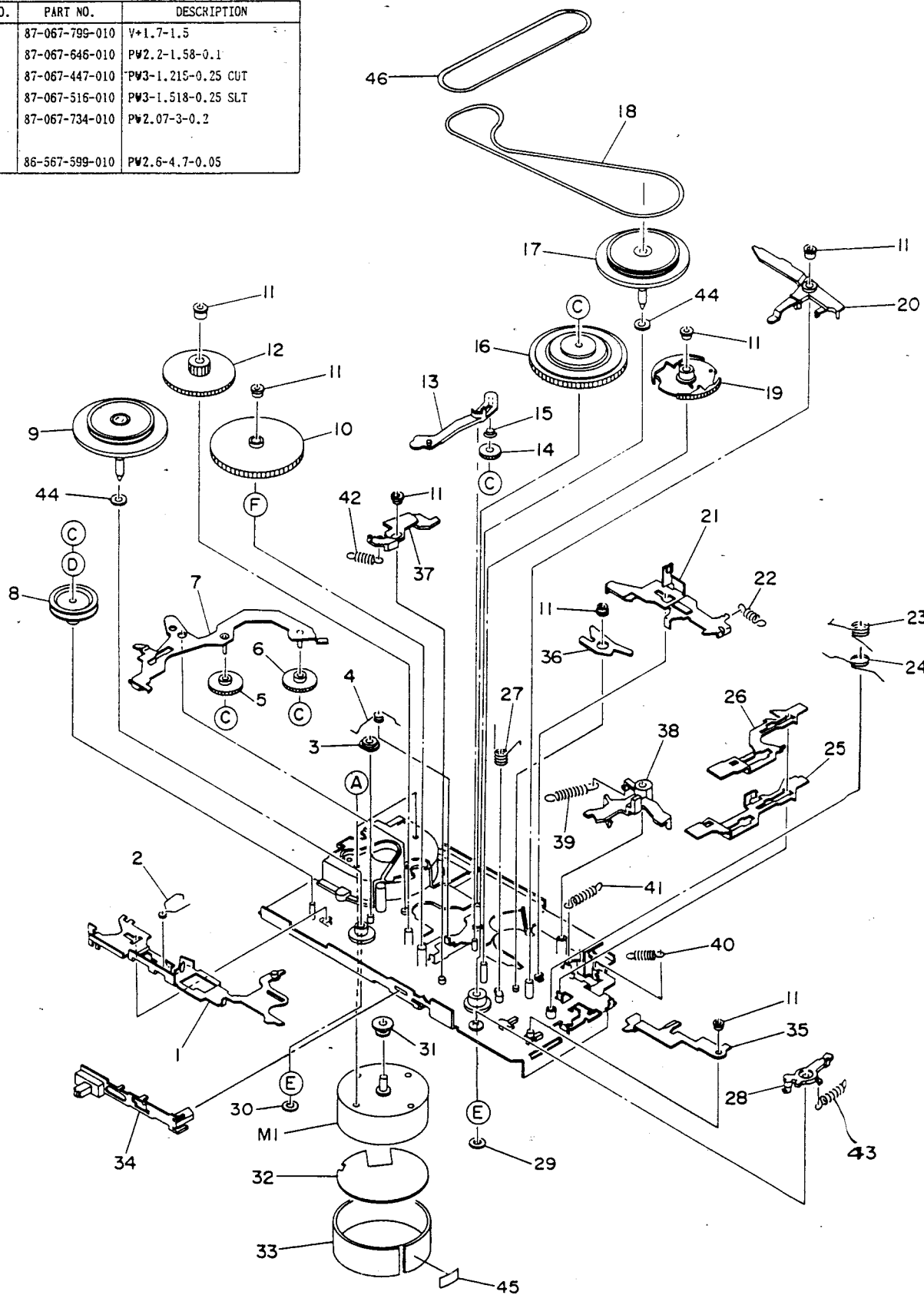
REF.NO.	PART NO.	DESCRIPTION
A	87-067-645-010	PW3.7-2.65-0.5
B	87-268-512-310	V+1.4-5.5
C	87-067-749-010	S-SCREW M1.4-2
D	87-067-517-110	S-SCREW M1.4-4
E	87-067-516-010	PW3-1.58-0.25 CUT



PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q. TY
	2-1	86-567-244-610	OUTSERT CHASSIS ASSY 2R		1
	2-2	86-567-231-319	T-SPRING, PINCH RP		1
	2-3	86-541-547-010	LEVER PINCH R ASSY		1
	2-4	86-567-264-110	PLATE S, STOP		1
	2-5	86-567-261-010	CHASSIS, SLIDE S		1
	2-6	86-541-283-210	GUIDE, TAPE		1
	2-7	86-541-318-119	C-SPRING, AZIMUTH		1
	2-8	86-541-236-010	GEAR, REEL PLATFORM		2
	2-9	86-567-255-119	C-SPRING, REEL PLATFORM MK2		2
	2-10	86-541-509-119	PLATE FR ASSY B		1
	2-11	86-541-519-019	SCREW, FR		1
	2-12	86-541-520-110	GEAR, FR2		2
	2-13	86-541-239-010	GEAR, REW		1
	2-14	86-541-546-010	LEVER PINCH F4 ASSY		1
	2-15	86-567-230-319	T-SPRING, PINCH FR		1
	2-16	86-541-331-010	E-SPRING, ACTUATING		1
	2-17	86-541-347-219	T-SPRING, FR LEVER		1
	2-18	86-541-277-210	LEVER, REC LOCK		1
	2-19	86-541-344-010	T-SPRING, EH LEVER		1
	2-20	86-541-287-310	LEVER, EH		1
	2-21	86-567-267-010	PLATE S, REC		1
	2-22	86-541-369-010	SCREW M1.4 EH		1

EXPLODED VIEW - 3

REF.NO.	PART NO.	DESCRIPTION
A	87-067-799-010	V+1.7-1.5
B	87-067-646-010	PW2.2-1.58-0.1
C	87-067-447-010	PW3-1.215-0.25 CUT
D	87-067-516-010	PW3-1.518-0.25 SLT
E	87-067-734-010	PW2.07-3-0.2
F	86-567-599-010	PW2.6-4.7-0.05



PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q. TY
3-1		---	PLATE PINCH SELECT ASSY		1
3-2		86-541-320-710	T-SPRING, PLAY LEVER		1
3-3		86-567-234-010	COLLAR, LEVER		1
3-4		86-541-334-210	T-SPRING, AUTO LEVER		1
3-5		86-541-477-210	GEAR, PLAY M		1
3-6		86-541-242-310	GEAR, PLAY		1
3-7		86-541-479-310	LEVER, PLAY ASSY M		1
3-8		86-567-260-110	PULLEY, RELAY S		1
3-9		86-567-271-110	FLYWHEEL ASSY FS		1
3-10		86-541-237-210	GEAR, AUTO CAM		1
3-11		86-541-376-110	COLLAR, PCB		7
3-12		86-541-448-010	GEAR, REDUCTION B		1
3-13		86-541-534-110	CAM, AUTO LEVER		1
3-14		86-541-521-010	GEAR, AUTO		1
3-15		86-541-325-010	C-SPRING, AUTO GEAR		1
3-16		86-567-257-119	GEAR, CLUCHT ASSY MK2		1
3-17		86-567-272-110	FLYWHEEL ASSY RS		1
3-18		86-567-268-010	BELT, LS		1
3-19		86-541-238-510	CAM, GEAR R		1
3-20		86-541-284-410	LEVER, TRIGGER		1
3-21		86-567-245-210	PLATE, REC LOCK		1
3-22		86-541-332-119	E-SPRING, LOCK PLATE		1
3-23		86-541-349-010	T-SPRING, FR BUTTON		1
3-24		86-567-214-019	T-SPRING, TRIGGER		1
3-25		86-567-265-010	PLATE S, FF BUTTON		1
3-26		86-567-266-010	PLATE S, REW BUTTON		1
3-27		86-541-345-310	T-SPRING, SELECT CAM		1
3-28		86-541-286-110	LEVER, DIRECTION		1
3-29		87-067-605-010	PW 3.5-1.45-0.3 CUT		1
3-30		87-067-783-010	PW 1.37-3.5-0.3 CUT		1
3-31		86-541-475-110	PULLEY, MOTOR M		1
3-32		---	SHIELD, PCB B		1
3-33		---	SHIELD, PCB		1
3-34		82-HJ6-015-019	KNOB, SLIDE MODE		1
3-35		86-541-522-210	LEVER, EH RETURN 2		2
3-36		86-541-527-110	LEVER, TRIGGER LOCK		1
3-37		86-541-288-410	LEVER, MODE CHANGE		1
3-38		86-541-292-310	LEVER, REC EJECT		1
3-39		86-541-297-210	E-SPRING, REC EJECT		1
3-40		86-541-312-110	E-SPRING, REC LOCK		1
3-41		86-541-336-010	E-SPRING, REC BLOCKING		1
3-42		86-541-341-010	E-SPRING, MODE SELECT		1
3-43		86-541-343-010	E-SPRING, DIRECTION		1
3-44		87-067-726-010	SOME SHEET 2.1-3.5-0.25		2
3-45		---	LABEL, NO MOTOR		1
3-46		86-567-269-010	BELT, SS		1

REFERENCE NAME LIST

ELECTRICAL SECTION

DESCRIPTION	REFERENCE NAME
ANT	ANTENNAS
C-	CHIP
C-CAP	CAP, CHIP
C-CAP TN	CAP, CHIP TANTALUM
C-COIL	COIL, CHIP
C-DI	DIODE, CHIP
C-DIODE	DIODE, CHIP
C-FET	FET, CHIP
C-FOTR	FILTER, CHIP
C-JACK	JACK, CHIP
C-LED	LED, CHIP
C-RES	RES, CHIP
C-SFR	SFR, CHIP
C-SLIDE SW	SLIDE SWITCH, CHIP
C-SW	SWITCH, CHIP
C-TR	TRANSISTOR, CHIP
C-VR	VOLUME, CHIP
C-ZENER	ZENER, CHIP
CAP, CER	CAP, CERA-SOL
CAP, E	CAP, ELECT
CAP, M/F	CAP, FILM
CAP, TC	CAP, CERA-SOL
CAP, TC-U	CAP, CERA-SOL SS
CAP, TN	CAP, TANTALUM
CERA FIL	FILTER, CERAMIC
CF	FILTER, CERAMIC
DL	DELAY LINE
E/CAP	CAP, ELECT
ECM	ECM
FLTR	FILTER
FUSE RES	RES, FUSE
MOT	MOTOR
P-DIODE	PHOTO DIODE
P-SNSR	PHOTO SENSER
P-TR	PHOTO TRANSISTOR
POLY VARI	VARIABLE CAPACITOR
PPCAP	CAP, PP
PT	POWER TRANSFORMER
PTR, RES	PTR, MELF
RC	REMOTE CONTROLLER
RES NF	RES, NON-FLAMMABLE
RESO	RESONATOR
SHLD	SHIELD
SOL	SOLENOID
SPKR	SPEAKER
SW, LVR	SWITCH, LEVER
SW, RTRY	SWITCH, ROTARY
SW, SL	SWITCH, SLIDE
THMS	THERMISTOR
TR	TRANSISTOR
TRIMMER	CAP, TRIMMER
TUN-CAP	VARIABLE CAPACITOR
VIB, CER	RESONATOR, CERAMIC
VIB, XTAL	RESONATOR, CRYSTAL
VR	VOLUME
ZENER	DIODE, ZENER
サージ抑制 回路	SERGESUPPRESSOR CAP, CERA

MECHANICAL SECTION

DESCRIPTION	REFERENCE NAME
ADHESHIVE	SHEET ADHESHIVE
AZ	AZIMUTH
BAR-ANT	BAR-ANTENNA
BAT	BATTERY
BAT, CONTACT ASSY	BATTERY CONTACT ASSY
BATT	BATTERY
BRG	BEARING
BTN	BUTTON
CAB	CABINET
CASS	CASSETTE
CHAS	CHASSIS
CHAS, FR	CHASSIS, FRONT
CHAS, MECHA	CHASSIS, MECHANISM
CLR	COLLAR
CONT	CONTROL
CRSR	CURSOR
CUSH	CUSHION
DIR	DIRECTION
DUBB	DUBBING
FLY-WHL	FLYWHEEL
FR	FRONT
FUN	FUNCTION
G-CU	G-CUSHION
HDL	HANDOL
HIMERON	CLOTH
HINGE, BAT	HINGE, BATTERY
HLDR	HOLDER
HT-SINK	HEAT SINK
IB	INSTRUCTION BOOKLET
IDLE	IDLER
IND, L-R	INDICATOR, L-R
KEY, CONT	KEY, CONTROL
KEY, PRGM	KEY, PROGRAM
KNOB, SL	KNOB, SLIDE
KNOB, VOL REV	KNOB, VOLUME REV
LBL	LABEL
LID, BATT	LID, BATTERY
LID, CASS	LID, CASSETTE
LVR	LEVER
P-SP	P-SPRING
PANEL, CONT	PANEL, CONTORL
PANEL, FR	PANEL, FRONT
PRGM	PROGRAM
PULLY, LOAD MO	PULLY, LOADING MOTOR
RBN	RIBBON
S-	SPECIAL
SEG	SEGMENT
SH	SHEET
SHLD-SH	SHIELD-SHEET
SL	SLIDE
SP	SPRING
SP, SCREW BAT	SPECIAL SCREW BATTERY
SP-SCREW	SPECIAL-SCREW
SPACER, BAT	SPACER, BATTERY
SPR	SPRING
SPR-P	P-SPRING
SPR-PC-PUSH	P-SPRING, C-PUSH
SW	SWITCH
T-SP	T-SPRING
TERM	TERMINAL
TRIG	TRIGGER
TUN	TUNING
VOL	VOLUME
W	WASHER
WHL	WHEEL
WORM-WHL	WORM-WHEEL
ワッシャー	ARM, SHAFT
ワッシャー	GUIDE, SHAFT
ストラップ	STRAP

■ ACCESSORIES/PACKAGE LIST

DESCRIPTIONで判断できない物は“REFERENCE NAME LIST”を参照してください。
If can't understand for Description please kindly refer to “REFERENCE NAME LIST”.

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q.TY
	1	82-HJ6-901-019	IB, Y		1
	2	82-HJ6-904-019	IB, YJ (YJ1 ONLY)		1
	3	87-041-065-019	MIC, CM - S30A		1
	4	87-048-226-019	HP - M16A (WYU, Y, YZ)		1
	5	87-048-238-019	HP - 23NA (Y1, YZ1, YK1, YJ1)		1
	6	87-080-029-019	CLIP - BELT ASSY		1

サービス技術ニュース	
番号	連絡内容
G- -	
G- -	
G- -	

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