

SERVICE MANUAL

MODEL NO. HS-J101, J700

■STEREO RADIO CASSETTE RECORDER

■TYPE. Y

■BASIC MECHANIS:2ME-7



MODEL NO. HS-T101, T700

■STEREO RADIO CASSETTE PLAYER

■TYPE. Y

■BASIC MECHANIS:2ME-7



SPECIFICATIONS

<Radio Section> (HS-J101/J700)
Frequency range: FM: 87.5—108 MHz
AM: 530—1,605 kHz
Antenna: FM headphone antenna
AM ferrite bar antenna

<Tape Recorder Section>
Track arrangement: 4-track, 2-channel, stereo
Frequency range: 40 to 12,500 Hz (NORMAL tape)
40 to 16,000 Hz (METAL tape)
Microphone: Electret-condenser microphone
(Single-point stereo, detachable)
Maximum output: 15 mW + 15 mW (EIAJ/DC)
Input terminal: MIC jack, 3.5 ϕ stereo mini $\times$ 1
Output terminal: Phones jack, 3.5 ϕ stereo mini $\times$ 1
Power Source: Battery DC 2 V, rechargeable lead
battery (AIWA) $\times$ 1
Battery DC 3V, LR-03 (UM-4, AAA,
R03) $\times$ 2
Domestic AC power (using AC
adaptor)
Battery life:

- Using manganese batteries (R03,
UM-4, AAA)
Approx. 1.5 hours (EIAJ,
recording mode)
Approx. 2 hours (EIAJ, 1 mW
output, playback mode)
- Using alkaline batteries (LR-03,
AM-4, AAA)
Approx. 3 hours (EIAJ, recording
mode)
Approx. 4 hours (EIAJ, 1 mW
output, playback mode)

Dimensions: 75.8 (H) $\times$ 106.5 (W) $\times$ 25.9 (D) mm
(excluding any projecting parts)
Maximum dimensions: 79.5 (H) $\times$ 110 (W) $\times$ 30.3 (D) mm
Weight: 280 g (including batteries)

<Radio Section> (HS-T101/T700)
Frequency range: FM: 87.5—108 MHz
AM: 530—1,605 kHz
Antenna: FM headphone antenna
AM ferrite bar antenna

<Tape Player Section>
Track arrangement: 4-track, 2-channel, stereo
Frequency range: 40 to 12,500 Hz (NORMAL tape)
40 to 16,000 Hz (METAL tape)
Maximum output: 15 mW + 15 mW (EIAJ/DC)
Output terminal: Phones jack, 3.5 ϕ stereo mini $\times$ 1
Power Source: Battery DC 2 V, rechargeable lead
battery (AIWA) $\times$ 1
Battery DC 3V, LR-03 (UM-4, AAA,
R03) $\times$ 2
Domestic AC power (using AC
adaptor)
Battery life:

- Using manganese batteries (R03,
UM-4, AAA)
Approx. 2 hours (EIAJ, 1 mW
output, playback mode)
- Using alkaline batteries (LR-03,
AM-4, AAA)
Approx. 4 hours (EIAJ, 1 mW
output, playback mode)

Dimensions: 75.8 (H) $\times$ 106.5 (W) $\times$ 25.9 (D) mm
(excluding any projecting parts)
Maximum dimensions: 79.5 (H) $\times$ 110 (W) $\times$ 30.3 (D) mm
Weight: 280 g (including batteries)

- Design and specifications are subject to change without notice.
- Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.
- Dolby and the  symbol are trademarks of Dolby Laboratories Licensing Corporation.

DISASSEMBLY INSTRUCTIONS

1. Removing Cassette Lid

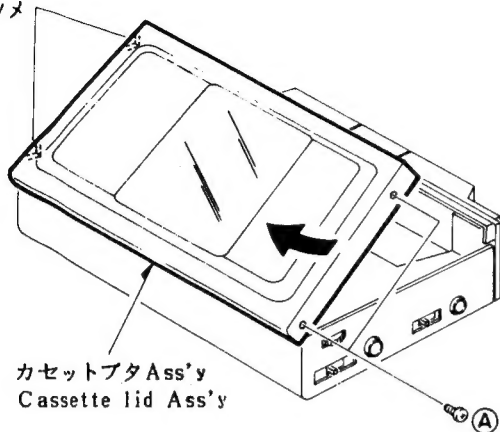
(See Figure-1)

SCREW ① (V+1.4-1.4) × 2

Hook × 2

Hook

ツメ



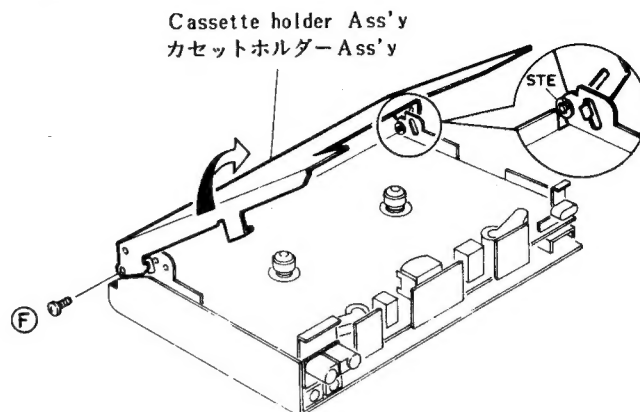
カセットフタ Ass'y
Cassette lid Ass'y

Fig. 1

4. Removing Cassette Holder Ass'y (See Figure-3)

SCREW ② (HINGE SCREW 1.4-1) × 1

STE × 1



Cassette holder Ass'y
カセットホルダー Ass'y

Fig. 3

2. Removing Control Panel

(See Figure-2)

SCREW ③ (SCREW, CABINET M1.4) × 2

SCREW ④ (SPECIAL SCREW V+1.4-2.5) × 2

Remove it in the direction of the arrow ①.

3. Removing Rear Cabinet

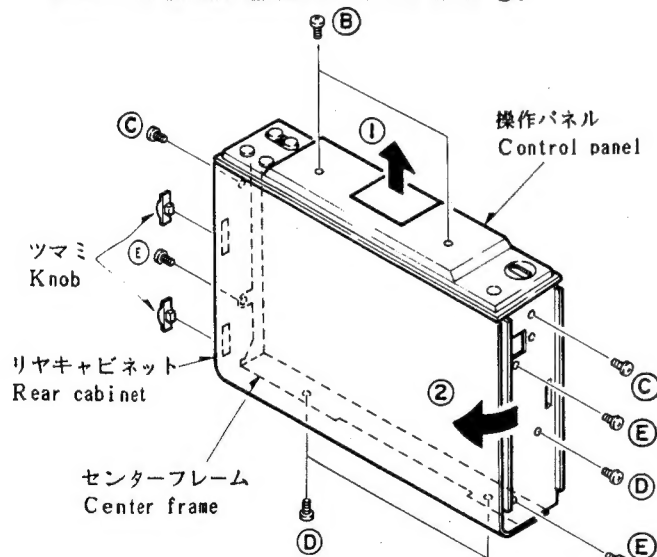
(See Figure-2)

SCREW ⑤ (SPECIAL SCREW V+1.4-1.8) × 3

SCREW ⑥ (SPECIAL SCREW V+1.4-2.5) × 3

Knob × 2

Remove it in the direction of the arrow ②.



操作パネル
Control panel

ツマミ
Knob

リヤキャビネット
Rear cabinet

センターフレーム
Center frame

Fig. 2

5. Removing Circuit Board

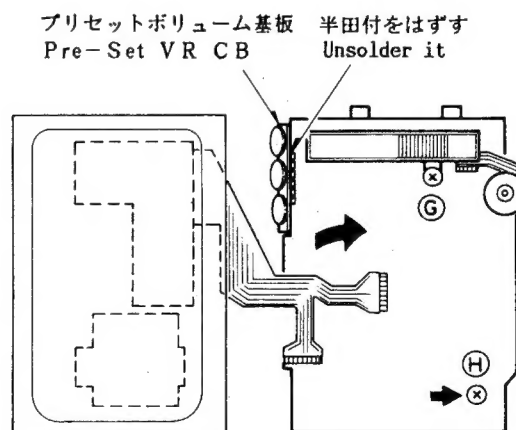
(See Figure-4)

SCREW ⑦ (V+1.4-3) × 1

SCREW ⑧ (V+1.4-2.2) × 1

Unsolder the preset volume circuit board.

Note) To operate the mechanism without the circuit board, short-circuit the pattern and chassis shown by the arrows using a jumper to prevent the auto-stop feature from malfunctioning.



プリセットボリューム基板
Pre-Set VR CB

半田付をはずす
Unsolder it

Fig. 4

ELECTRICAL MAIN PARTS LIST (HS-J101/J700)

※ Please order the all parts for
this model to Japan.

REF. No.	PART No.	DESCRIPTION	REF. No.	PART No.	DESCRIPTION
=== IC ===			C37	★ 87-010-194	CAP,CHIP 0.047
	87-020-964	IC,BA3828F	C38	★ 87-010-140	CAP,CHIP 470P CH
	87-020-505	IC,CX20023	C40	★ 87-010-426	CAP,CHIP 0.012
	87-020-224	IC,NJM2063A	C41	★ 87-010-426	CAP,CHIP 0.012
	87-020-234	IC,TA7688F(S)	C42	★ 87-010-195	CAP,CHIP 0.068
	87-020-727	IC,TA7792F	C43	★ 87-010-195	CAP,CHIP 0.068
	87-020-963	IC,TA8170F	C44	★ 87-010-452	CAP,CHIP 1U
	87-001-128	IC,TC9305F-035	C48	★ 87-010-197	CAP,CHIP 0.01BK
=== TRANSISTOR ===			C49	★ 87-010-115	CAP,ELECT 100-4
	89-502-094	FET 2SK209Y	C50	★ 87-010-197	CAP,CHIP 0.01BK
	89-502-114	FET 2SK211Y	C51	★ 87-010-318	CAP,CHIP 47P
	87-026-233	TRANSISTOR,DTA114TK	C52	★ 87-010-197	CAP,CHIP 0.01BK
	87-026-229	TRANSISTOR,DTA143XK	C53	★ 87-010-152	CAP,CHIP 8P CH
	87-026-223	TRANSISTOR,DTC143TK	C54	★ 87-010-197	CAP,CHIP 0.01BK
	87-026-224	TRANSISTOR,DTC143XK	C55	★ 87-010-197	CAP,CHIP 0.01BK
	87-026-298	TRANSISTOR,FMW1	C56	★ 87-010-452	CAP,CHIP 1U
	89-111-623	TRANSISTOR,2SA1162Y	C57	★ 87-010-075	CAP,ELECT 10-16
	89-113-625	TRANSISTOR,2SA1362GR	C58	★ 87-010-196	CAP,CHIP 0.1
	89-333-266	TRANSISTOR,2SC3326B	C59	★ 87-010-082	CAP,ELECT N 220-4
	87-026-276	TRANSISTOR,2SD596 DV3	C60	★ 87-010-195	CAP,CHIP 0.068
	89-413-285	TRANSISTOR,2SD1328T	C70	★ 87-010-082	CAP,ELECT N 220-4
	89-327-125	TRANSISTOR,2SC2712GR	C71	★ 87-010-196	CAP,CHIP 0.1
	89-327-143	TRANSISTOR,2SC2714	C72	★ 87-010-197	CAP,CHIP 0.01BK
			C79	★ 87-010-197	CAP,CHIP 0.01BK
=== MAIN CIRCUIT BOARD SECTION ===			C101	★ 87-010-197	CAP,CHIP 0.01BK
PCB-A * MAIN CIRCUIT BOARD			C102	★ 87-010-197	CAP,CHIP 0.01BK
BPF1	★ 87-030-103	FILTER BPM88L	C103	★ 87-010-177	CAP,CHIP S 820P SL
C1	★ 87-010-197	CAP,CHIP 0.01BK	C104	★ 87-010-177	CAP,CHIP S 820P SL
C2	★ 87-010-178	CAP,CHIP 1000P	C105	★ 87-010-082	CAP,ELECT-N 220-4
C3	★ 87-010-197	CAP,CHIP 0.01 BK	C106	★ 87-015-215	CAP,CHIP TANTALUM 0.047-35
C4	★ 87-010-187	CAP,CHIP S 5600P	C107	★ 87-015-215	CAP,CHIP TANTALUM 0.047-35
C5	★ 87-010-312	CAP,CHIP 15P CH	C108	★ 87-010-114	CAP,ELECT 47-4
C6	★ 87-010-194	CAP,CHIP 0.047	C109	★ 87-010-114	CAP,ELECT 47-4
C7	★ 87-010-313	CAP,CHIP 18P CH	C110	★ 87-010-114	CAP,ELECT 47-4
C8	★ 87-010-197	CAP,CHIP 0.01BK	C111	★ 87-010-178	CAP,CHIP 1000P
C9	★ 87-010-318	CAP,CHIP 47P CH	C112	★ 87-010-178	CAP,CHIP 1000P
C10	★ 87-010-195	CAP,CHIP 0.068	C113	★ 87-010-192	CAP,CHIP 0.022
C11	★ 87-010-197	CAP,CHIP 0.01 BK	C114	★ 87-010-192	CAP,CHIP 0.022
C12	★ 87-010-197	CAP,CHIP 0.01 BK	C115	★ 87-010-197	CAP,CHIP 0.1 BK
C13	★ 87-010-230	CAP,TANTALUM 10-4	C116	★ 87-010-197	CAP,CHIP 0.01 BK
C14	★ 87-010-197	CAP,CHIP 0.01 BK	C117	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
C15	★ 87-010-152	CAP,CHIP 8P CH	C118	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
C16	★ 87-010-318	CAP,CHIP 47P CH	C119	★ 87-010-114	CAP,ELECT 47/4
C17	★ 87-010-196	CAP,CHIP 0.1	C120	★ 87-010-114	CAP,ELECT 47/4
C18	★ 87-010-184	CAP,CHIP S B 3300P (K)	C121	★ 87-010-114	CAP,ELECT 47/4
C19	★ 87-010-315	CAP,CHIP 27P CH	C122	★ 87-010-114	CAP,ELECT 47/4
C20	★ 87-010-173	CAP,CHIP 390P	C123	★ 87-010-082	CAP,ELECT-N 220-4
C21	★ 87-010-152	CAP,CHIP 8P	C124	★ 87-010-196	CAP,CHIP 0.01BK
C22	★ 87-010-315	CAP,CHIP 27P	C125	★ 87-010-197	CAP,CHIP 0.01BK
C23	★ 87-010-197	CAP,CHIP 0.01BK	C126	★ 87-010-173	CAP,CHIP 390P
C24	★ 87-010-177	CAP,CHIP S 820P SL	C127	★ 87-015-196	CAP,CHIP 0.1
C25	★ 87-010-082	CAP,ELECT N 220-4	C128	★ 87-010-090	CAP,TANTALUM 4.7U
C26	★ 87-010-196	CAP,CHIP 0.1	C129	★ 87-010-182	CAP,CHIP 2200P
C27	★ 87-010-452	CAP,CHIP 1U	C130	★ 87-010-087	CAP,TANTALUM 1-4
C28	★ 87-010-178	CAP,CHIP S 1000P	C131	★ 87-010-184	CHIP S B 3300P(K)
C29	★ 87-010-165	CAP,CHIP S 82P	C132	★ 87-010-196	CAP,CHIP 0.1
C30	★ 87-010-196	CAP,CHIP 0.1	C133	★ 87-010-196	CAP,CHIP 0.1
C32	★ 87-010-425	CAP,CHIP 0.22	C135	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
C33	★ 87-010-191	CAP,CHIP 0.015	C136	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
C34	★ 87-010-115	CAP,ELECT 100-4	C149	★ 87-010-114	CAP,ELECT 47/4
C35	★ 87-010-452	CAP,CHIP 1U	C150	★ 87-010-082	CAP,ELECT-N 220-4
C36	★ 87-010-196	CAP,CHIP 0.1	C151	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
			C152	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
			C153	★ 87-012-140	CAP,CHIP S 470P CH

※ Please order the all parts for
this model to Japan.

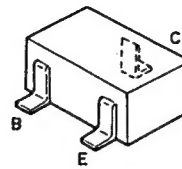
REF. No.	PART No.	DESCRIPTION	REF. No.	PART No.	DESCRIPTION
C154	★ 87-012-140	CAP,CHIP S 470P CH	S9	87-036-073	TACT SW (DIRECTION REW)
C155	★ 87-010-178	CAP,CHIP 1000P	S11	87-036-072	C TACT CW (MANUAL)
C156	★ 87-010-178	CAP,CHIP 1000P	S12	87-036-072	C TACT SW (PRESET)
C157	★ 87-010-082	CAP,ELECT-N 220-4	S13	87-036-072	C TACT SW (PRESET)
C158	★ 87-010-082	CAP,ELECT-N 220-4	S14	87-036-072	C TACT SW (PRESET)
C159	★ 87-010-115	CAP,ELECT 100-4	S15	87-036-017	SLIDE SW (BAND)
C160	★ 87-010-114	CAP,ELECT 47/4	SFR2	★ 87-020-801	SFR 22K
C161	★ 87-010-230	CAP,TANTALUM 10-4	SFR3	★ 87-024-067	SFR CHIP 100K
C162	★ 87-010-082	CAP,ELECT 220-4	SFR1	★ 87-021-944	SFR CHIP 20K
C163	★ 87-010-082	CAP,ELECT 220-4	SFR101	★ 87-021-983	SFR CHIP 5K
C164	★ 87-010-425	CAP,CHIP 0.22	SFR102	★ 87-021-983	SFR CHIP 5K
C165	★ 87-010-425	CAP,CHIP 0.22	SFR6	★ 87-024-067	SFR CHIP 100K
C170	★ 87-010-197	CAP,CHIP 0.01 BK	TC1	★ 87-011-189	TRIMMER CHIP CTZ-10A
C171	★ 87-010-425	CAP,CHIP 0.22	TC2	★ 87-011-189	TRIMMER CHIP CTZ-10A
C172	★ 87-010-090	CAP,TANTALUM 4.7U	TC3	★ 87-011-189	TRIMMER CHIP CTZ-10A
C173	★ 87-010-197	CAP,CHIP 0.01	TC4	★ 87-011-189	TRIMMER CHIP CTZ-10A
C174	★ 87-010-224	CAP,TANTALUM 100-4	VR100	87-021-985	VOLUME 20KA S (VOLUME)
C175	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4	VR4	87-024-055	VOLUME 100K (TUNING)
C176	★ 87-010-184	CHIP S B 3300P(K)	=== COMPARATOR CIRCUIT BOARD SECTION ===		
C177	★ 87-010-197	CAP,CHIP 0.01	PCB-B	*	COMPALATOR CIRCUIT BOARD
C180	★ 87-010-452	CAP,CHIP 1U	C45	★ 87-010-452	CAP,CHIP 1U
CF1	★ 87-008-299	FILTER SFT 10.7MS2Z (FMCF)	C46	★ 87-010-196	CAP,CHIP 0.1
CF2	★ 87-008-284	FILTER PFB 468J (AMCF)	C47	★ 87-010-192	CAP,CHIP 0.022
D1	★ 87-011-209	DIODE,VAR SVC341	C137	★ 87-010-188	CAP,CHIP 6800P
D2	★ 87-011-210	DIODE,VAR KV1330A-2	C138	★ 87-010-188	CAP,CHIP 6800P
D3	★ 87-020-743	DIODE,VAR MA341B TX	C139	★ 87-010-193	CAP,CHIP 0.033
D4	87-020-734	DIODE CHIP MA 704	C140	★ 87-010-193	CAP,CHIP 0.033
D16	87-020-027	DIODE CHIP 1SS184	C141	★ 87-010-194	CAP,CHIP 0.047
D17	87-020-027	DIODE CHIP 1SS184	C142	★ 87-010-194	CAP,CHIP 0.047
D18	87-020-027	DIODE CHIP 1SS184	C143	★ 87-010-214	CAP,CHIP TANTALUM 0.68-16
D19	87-020-027	DIODE CHIP 1SS184	C144	★ 87-010-214	CAP,CHIP TANTALUM 0.68-16
D20	87-020-125	DIODE CHIP 1SS181	C145	★ 87-010-186	CAP,CHIP S B 4700P(K)
D21	87-020-595	DIODE,ZENER CHIP 02CZ 16Y	C146	★ 87-010-186	CAP,CHIP S B 4700P(K)
D101	87-020-125	DIODE CHIP 1SS181	C147	★ 87-010-452	CAP,CHIP 1U
D102	87-020-734	DIODE CHIP MA 704	C148	★ 87-010-452	CAP,CHIP 1U
D103	87-020-339	DIODE CHIP 1SS226	D5	★ 87-020-508	LED CHIP (TUNING POINT)
J1	87-049-411	JACK 3.5 G (PHONES)	D6	★ 87-020-508	LED CHIP (TUNING POINT)
J2	87-049-419	JACK 3.5 R (MIC)	D8	★ 87-020-508	LED CHIP (TUNING POINT)
J3	87-049-549	JACK DC (DC2V)	D9	★ 87-020-508	LED CHIP (TUNING POINT)
L1	★ 87-005-257	COIL CHIP 1.5UH	D10	★ 87-020-508	LED CHIP (TUNING POINT)
L2	★ 87-006-139	ANT,FERRITE BAR COIL (BAR ANT)	D11	★ 87-020-508	LED CHIP (TUNING POINT)
L3	★ 84-417-613	FM ANT COIL	D12	★ 87-020-508	LED CHIP (TUNING POINT)
L4	★ 84-435-613	FM OSC COIL	D13	★ 87-020-508	LED CHIP (TUNING POINT)
L5	★ 87-008-122	COIL OSC AM CP	D14	★ 87-020-508	LED CHIP (TUNING POINT)
L6	★ 87-008-321	IFT AM 5CDL	D15	★ 87-020-508	LED CHIP (TUNING POINT)
L7	★ 87-007-200	COIL DET FM CP	=== GE CIRCUIT BOARD SECTION ===		
L8	★ 87-005-258	COIL CHIP 2.2UH	84-437-604 G.EQ ASSY (W/PCB-C)		
L9	★ 84-427-608	DC-DC COIL	=== SENSOR CIRCUIT BOARD SECTION ===		
L10	★ 87-005-261	COIL CHIP 6.8UH	PCB-D	86-530-623	SENSOR CIRCUIT BOARD
L101	★ 87-007-230	COIL BIAS OSC	PR1	87-022-507	PHOTO SENSOR SP1900(O)
L102	★ 87-003-089	COIL,CHOKE 47UH	=== FM PRESET VR CIRCUIT BOARD SECTION ===		
L103	★ 84-435-624	COIL CHOKE 1UH	PCB-E	*	FM PRESET VR CIRCUIT BOARD
L104	★ 84-435-624	COIL CHOKE 1UH	VR1	87-024-054	VOLUME 100K (PRESET)
L105	★ 84-435-624	COIL CHOKE 1UH	VR2	87-024-054	VOLUME 100K (PRESET)
L106	★ 87-003-089	COIL,CHOKE 47UH	VR3	87-024-054	VOLUME 100K (PRESET)
R49	★ 84-435-630	THERMISTOR MPT3.9K	=== BATT.CON. CIRCUIT BOARD SECTION ===		
S1	87-031-992	SLIDE SW (FWD/REV)	PCB-F	*	BATT.CON CIRCUIT BOARD
S2	87-031-992	SLIDE SW (REC/PB)	84-435-246 TERMINAL ASSY		
S3	87-036-016	SLIDE SW (TAPE,FM MODE)			
S4	87-036-016	SLIDE SW (DOLBY)			
S5	87-036-016	SLIDE SW (PAUSE)			
S6	87-031-994	SLIDE SW (FUNCTION)			
S7	87-031-993	LEAF SW (STOP)			
S8	87-036-073	TACT SW (DIRECTION FF)			

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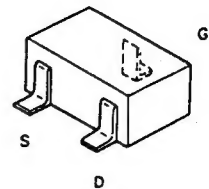
REF. No.	PART No.	DESCRIPTION
=== MOTOR CIRCUIT BOARD SECTION ===		
M1	86-530-626	MOTOR(J)(N) (W/PCB-G)
=== HEAD CIRCUIT BOARD SECTION ===		
RPH	84-435-618	RPH ASSY (W/PCB-H)
RPH	82-681-604	RPH (REC/PB HEAD)
	84-435-619	FLEXIBLE CIRCUIT BOARD
EH	★ 86-530-605	EH-EA61
=== FLEXIBLE CIRCUIT BOARD SECTION ===		
PCB-I	84-435-612	FLEXIBLE CIRCUIT BOARD
=== MISCELLANEOUS ===		
	★ 84-435-612	FLEXIBLE 20P
S10	86-530-622	LEAF SW (PLAY)

Combination circuit board 84-435-626

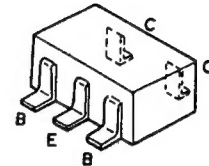
PCB-A 84-435-627
PCB-E 84-435-629
PCB-F 84-435-628



DTA114
DTA143
DTB123
DTC143
2SA1162
2SA1362
2SC2714
2SC3326
2SC3547
2SD596
2SD1328



2SK209
2SK211



FMW1

■ ACCESSORIES/PACKAGE LIST (HS-J101/J700)

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this model to Japan.

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1	★84-435-906	INSTRUCTION BOOKLET (Y ONLY)	*	1
	2	★84-435-907	INSTRUCTION BOOKLET (YU ONLY)	*	1
	3	84-435-019	BATTERY BOX A	*	1
	4	09-027-496	BATTERY CASE ASSY (UM-4)		1
	5	★84-435-952	CARRYING CASE		1
	6	87-048-134	HP-M13 (Y, YU ONLY)		1
	7	★87-048-131	HP-08 (Y1 ONLY)		1
	8	★87-041-048	STEREO MIC		1
	9	★87-042-038	AC-200 H (H ONLY)		1
	10	★87-042-039	AC-200 U (U ONLY)		1
	11	★87-042-041	AC-200 E (Z ONLY)		1
	12	★87-042-042	AC-200 K (K ONLY)		1

ELECTRICAL MAIN PARTS LIST (HS-T101/T700)

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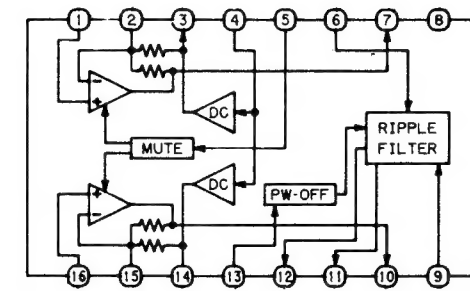
REF. No.	PART No.	DESCRIPTION	REF. No.	PART No.	DESCRIPTION
=== IC ===			C37	★ 87-010-226	CAP,TANTALUM 47-4
	87-020-956	IC,BA3513AF	C38	★ 87-010-082	CAP,ELECT 220-4
	87-020-964	IC,BA3828F	C40	★ 87-010-082	CAP,ELECT 220-4
	87-020-224	IC,NJM2063A	C45	★ 87-010-082	CAP,ELECT 220-4
	87-020-727	IC,TA7792F	C46	★ 87-010-426	CAP,CHIP 0.012BK
	87-020-963	IC,TA8170F	C47	★ 87-010-425	CAP,CHIP 0.22
	87-001-128	IC,TC9305-035	C48	★ 87-010-197	CAP,CHIP 0.01BK
			C49	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4
=== TRANSISTOR ===			C50	★ 87-010-494	CAP,ELECT GAS 1-50
	89-502-095	FET 2SK209GR	C51	★ 87-010-501	CAP,ELECT 47-4
	89-502-114	FET,2SK211Y	C101	★ 87-015-933	CAP,CHIP TANTALUM 1-10
	87-026-233	TRANSISTOR,DTA114TK	C153	★ 87-010-186	CAP,CHIP 4700P
	87-026-296	TRANSISTOR,DTA143TK	C154	★ 87-010-197	CAP,CHIP 0.01BK
	87-026-229	TRANSISTOR,DTA143XK	C155	★ 87-010-082	CAP,ELECT 220-4
	87-026-302	TRANSISTOR,DTB123TK	C201	★ 87-010-178	CAP,CHIP 1000P BK
	87-026-223	TRANSISTOR,DTC143TK	C202	★ 87-010-197	CAP,CHIP 0.01 BK
	87-026-224	TRANSISTOR,DTC143XK	C203	★ 87-010-187	CAP,CHIP 5600P BK
	87-026-298	TRANSISTOR,FMW1	C204	★ 87-010-312	CAP,CHIP 15P CH
	89-111-623	TRANSISTOR,2SA1162Y	C205	★ 87-010-230	CAP,TANTALUM 10-4
	89-333-266	TRANSISTOR,2SA3326B	C206	★ 87-010-197	CAP,CHIP 0.01 BK
	89-327-145	TRANSISTOR,2SC2714GR	C207	★ 87-010-194	CAP,CHIP 0.047
	89-327-143	TRANSISTOR,2SC2714 O	C208	★ 87-010-197	CAP,CHIP 0.01 BK
	87-026-276	TRANSISTOR,2SD596	C209	★ 87-010-197	CAP,CHIP 0.01 BK
			C210	★ 87-010-184	CAP,CHIP 3300P BK
=== MAIN CIRCUIT BOARD SECTION ===			C211	★ 87-010-158	CAP,CHIP 22P
PCB-A * MAIN CIRCUIT BOARD			C212	★ 87-010-197	CAP,CHIP 0.01 BK
BPF1	★ 87-030-103	FILTER BPMB BL 6.5	C213	★ 87-010-082	CAP,ELECT 220-4
C1	★ 87-010-177	CAP,CHIP 820P	C214	★ 87-010-196	CAP,CHIP 0.1
C2	★ 87-010-177	CAP,CHIP 820P	C215	★ 87-010-321	CAP,CHIP 82P CH
C3	★ 87-010-177	CAP,CHIP 820P	C217	★ 87-010-425	CAP,CHIP 0.22
C4	★ 87-010-177	CAP,CHIP 820P	C218	★ 87-010-191	CAP,CHIP 0.015 BK
C5	★ 87-010-114	CAP,ELECT 47-4	C219	★ 87-010-178	CAP,CHIP 1000P BK
C6	★ 87-010-114	CAP,ELECT 47-4	C220	★ 87-010-313	CAP,CHIP 0.015 BK
C7	★ 87-010-192	CAP,CHIP 0.022	C221	★ 87-010-194	CAP,CHIP 0.047
C8	★ 87-010-192	CAP,CHIP 0.022	C222	★ 87-010-318	CAP,CHIP 47P CH
C9	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4	C223	★ 87-010-197	CAP,CHIP 0.01 BK
C10	★ 87-015-934	CAP,CHIP TANTALUM 2.2-4	C224	★ 87-010-196	CAP,CHIP 0.1
C11	★ 87-010-192	CAP,CHIP 0.022	C225	★ 87-010-311	CAP,CHIP 12P CH
C12	★ 87-010-192	CAP,CHIP 0.022	C226	★ 87-010-318	CAP,CHIP 47P CH
C13	★ 87-010-174	CAP,CHIP S 470P	C227	★ 87-010-158	CAP,CHIP 22P
C14	★ 87-010-174	CAP,CHIP S 470P	C228	★ 87-010-173	CAP,CHIP 390P
C15	★ 87-010-452	CAP,CHIP 1U	C229	★ 87-010-152	CAP,CHIP 8P CH
C16	★ 87-010-452	CAP,CHIP 1U	C230	★ 87-010-177	CAP,CHIP 820P SL
C17	★ 87-010-082	CAP,ELECT 220-4	C231	★ 87-010-194	CAP,CHIP 0.047
C18	★ 87-010-082	CAP,ELECT 220-4	C232	★ 87-010-115	CAP,ELECT 100-4
C19	★ 87-010-184	CAP,CHIP B 3300P(K)	C233	★ 87-010-178	CAP,CHIP 1000P BK
C20	★ 87-010-184	CAP,CHIP B 3300P(K)	C234	★ 87-010-452	CAP,CHIP 1U
C21	★ 87-010-114	CAP,ELECT 47-4	C236	★ 87-010-197	CAP,CHIP 0.01 BK
C22	★ 87-010-082	CAP,ELECT 220-4	C237	★ 87-010-452	CAP,CHIP 1U
C23	★ 87-010-082	CAP,ELECT 220-4	C238	★ 87-010-196	CAP,CHIP 0.1
C24	★ 87-010-082	CAP,ELECT 220-4	C239	★ 87-015-835	CAP,CHIP 0.047 DM
C25	★ 87-010-188	CAP,CHIP 6800P	C240	★ 87-012-140	CAP,CHIP 470P CH
C26	★ 87-010-188	CAP,CHIP 6800P	C241	★ 87-010-184	CAP,CHIP 3300P BK
C27	★ 87-010-193	CAP,CHIP 0.033	C242	★ 87-010-426	CAP,CHIP S 0.012
C28	★ 87-010-193	CAP,CHIP 0.033	C245	★ 87-010-426	CAP,CHIP S 0.012
C29	★ 87-010-194	CAP,CHIP 0.047	C246	★ 87-010-196	CAP,CHIP 0.1
C30	★ 87-010-194	CAP,CHIP 0.047	C247	★ 87-010-196	CAP,CHIP 0.1
C31	★ 87-010-214	CAP,CHIP TANTALUM 0.68-16	C248	★ 87-010-452	CAP,CHIP 1U
C32	★ 87-010-214	CAP,CHIP TANTALUM 0.68-16	C251	★ 87-010-197	CAP,CHIP 0.01 BK
C33	★ 87-010-186	CAP,CHIP 4700P	C252	★ 87-010-152	CAP,CHIP 8P CH
C34	★ 87-010-186	CAP,CHIP 4700P	C253	★ 87-010-197	CAP,CHIP 0.01 BK
C35	★ 87-010-452	CAP,CHIP 1U	C254	★ 87-010-197	CAP,CHIP 0.01 BK
C36	★ 87-010-452	CAP,CHIP 1U	C255	★ 87-010-197	CAP,CHIP 0.01 BK
			C256	★ 87-010-197	CAP,CHIP 0.01 BK

※ Please order the all parts for
this model to Japan.

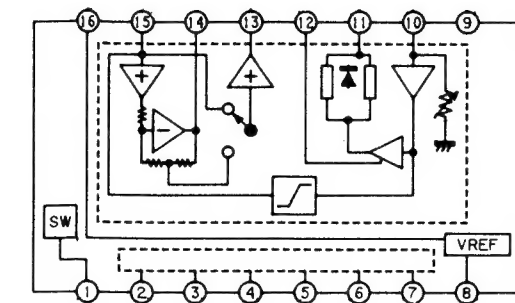
REF. No.	PART No.	DESCRIPTION	REF. No.	PART No.	DESCRIPTION
C257	★ 87-010-452	CAP,CHIP 1U	=== DISPLAY CIRCUIT BOARD SECTION ===		
C258	★ 87-010-498	CAP,ELECT GAS 10-16	PCB-B	84-436-602	DISPLAY CIRCUIT BOARD
C259	★ 87-010-197	CAP,CHIP 0.01 BK	C249	★ 87-010-452	CAP,CHIP 1U
C260	★ 87-010-224	CAP,TANTALUM 100-4	C250	★ 87-010-196	CAP,CHIP 0.1
C261	★ 87-010-196	CAP,CHIP 0.1	C263	★ 87-010-192	CAP,CHIP 0.022 BK
C262	★ 87-010-318	CAP,CHIP 47P CH	D206	★ 87-020-508	LED CHIP(TUNING POINT)
C263	★ 87-010-196	CAP,CHIP 0.1	D207	★ 87-020-508	LED CHIP(TUNING POINT)
C268	★ 87-010-082	CAP,ELECT 220-4	D208	★ 87-020-508	LED CHIP(TUNING POINT)
C269	★ 87-010-197	CAP,CHIP 0.01 BK	D209	★ 87-020-508	LED CHIP(TUNING POINT)
C270	★ 87-010-497	CAP,ELECT GAS 4.7-35	D210	★ 87-020-508	LED CHIP(TUNING POINT)
CF1	★ 87-008-299	FILTER SFT 10.7MS2Z	D211	★ 87-020-508	LED CHIP(TUNING POINT)
CF2	★ 87-008-284	FILTER PFB 468J	D212	★ 87-020-508	LED CHIP(TUNING POINT)
D1	87-020-339	DIODE,CHIP 1SS226	D213	★ 87-020-508	LED CHIP(TUNING POINT)
D2	87-020-125	DIODE,CHIP 1SS181	D214	★ 87-020-508	LED CHIP(FWD ▶ OPE/BATT)
D103	87-020-734	DIODE,CHIP MA704	D215	★ 87-020-508	LED CHIP(REV ◀)
D109	87-020-734	DIODE,CHIP MA704	S111	87-036-072	TACT SW (FM PRESET MANUAL)
D201	★ 87-011-209	DIODE,VAR SVC341	S112	87-036-072	TACT SW (FM PRESET STATION C)
D202	★ 87-011-210	DIODE,VAR KV1330A-2	S113	87-036-072	TACT SW (FM PRESET STATION B)
D203	★ 87-011-209	DIODE,VAR SVC341	S114	87-036-072	TACT SW (FM PRESET STATION A)
D204	87-020-734	DIODE,CHIP MA704	=== CONNECTION CIRCUIT BOARD SECTION ===		
D216	87-020-027	DIODE,CHIP 1SS184	PCB-C	84-436-607	CONNECTION CIRCUIT BOARD
D217	87-020-027	DIODE,CHIP 1SS184	=== G.EQ CIRCUIT BOARD SECTION ===		
D218	87-020-027	DIODE,CHIP 1SS184	84-436-603	G.EQ ASSY (W/PCB-D)	
D219	87-020-125	DIODE,CHIP 1SS181	=== HEAD CIRCUIT BOARD SECTION ===		
D220	87-020-027	DIODE,CHIP 1SS184	PH	84-436-608	PH ASSY (W/PCB-E)
D222	87-020-595	DIODE,ZENER CHIP 02CZ16Y	PH	86-530-610	HEAD PH
D223	87-020-125	DIODE,1SS181	★ 84-435-619	FLEXIBLE CIRCUIT BOARD	
J1	87-049-411	JACK 3.5 G (PHONES)	=== MOTOR CIRCUIT BOARD SECTION ===		
J2	87-049-549	JACK DC (DC 2V)	M1	86-530-636	MOTOR(R) ASSY (W/PCB-F)
L1	★ 84-435-624	COIL CHIP 1UH	=== SENSOR CIRCUIT BOARD SECTION ===		
L2	★ 84-435-624	COIL CHIP 1UH	PCB-G	86-530-623	SENSOR CIRCUIT BOARD
L3	★ 84-435-624	COIL CHIP 1UH	PR1	87-022-507	PHOTO SENSOR SPI900(O)
L22	★ 87-003-089	COIL,CHOKE 47UH	=== BATT.CON. CIRCUIT BOARD SECTION ===		
L30	87-007-179	COIL CHOKE 0.15UH	PCB-H	★	BATT.CON.CIRCUIT BOARD
L31	★ 87-006-139	COIL ANT,FERRITE BAR	84-435-246	TERMINAL ASSY	
L32	★ 87-007-200	COIL DET FM CP	=== FM PRESET VR CIRCUIT BOARD SECTION ===		
L33	★ 84-435-611	COIL FM RF	PCB-I	★	FM PRESET VR CIRCUIT BOARD
L34	★ 84-435-613	COIL FM OSC	VR3	87-024-054	VOLUME 100K (PRESET A)
L35	★ 87-008-122	COIL OSC AM CP	VR4	87-024-054	VOLUME 100K (PRESET B)
L36	★ 87-008-321	IFT AM 5CDL	VR5	87-024-054	VOLUME 100K (PRESET C)
L37	★ 87-005-258	COIL CHIP 2.2UH	=== MISCELLANEOUS ===		
L38	★ 84-427-608	COIL DC-DC	84-436-607	FLEXIBLE 18P	
L39	★ 87-005-261	COIL CHIP 6.8UH	S8	86-530-622	LEAF SW (PLAY)
R293	★ 84-435-630	THERMISTOR MPT 3.9K	Combination circuit board 84-436-613		
S1	87-031-992	SLIDE SW (REVERSE MODE)	PCB-A	84-436-614	
S2	87-036-016	SLIDE SW (TAPE)	PCB-H	84-436-615	
S3	87-036-016	SLIDE SW (DOLBY NR)	PCB-I	84-436-616	
S4	87-031-994	SLIDE SW (FUNCTION)			
S5	87-031-993	LEAF SW (STOP)			
S6	87-036-073	TACT SW (FF)			
S7	87-036-073	TACT SW (REW)			
S9	87-036-017	SLIDE SW (BAND)			
S10	87-036-016	SLIDE SW (PAUSE)			
SFR1	★ 87-024-058	SFR 500			
SFR2	★ 87-024-058	SFR 500			
SFR101	★ 87-021-944	SFR 20K			
SFR102	★ 87-021-997	SFR 22K			
SFR103	★ 87-024-067	SFR100K			
TC101	★ 87-011-189	TRIMMER CTZ-10A			
TC102	★ 87-011-189	TRIMMER CTZ-10A			
TC103	★ 87-011-189	TRIMMER CTZ-10A			
TC104	★ 87-011-189	TRIMMER CTZ-10A			
VR1	87-021-985	VOLUME 20KA S (VOLUME)			
VR6	87-024-055	VOLUME 100K (TUNING)			

IC BLOCK DIAGRAM-1 (HS-J101/J700/T101/T700)

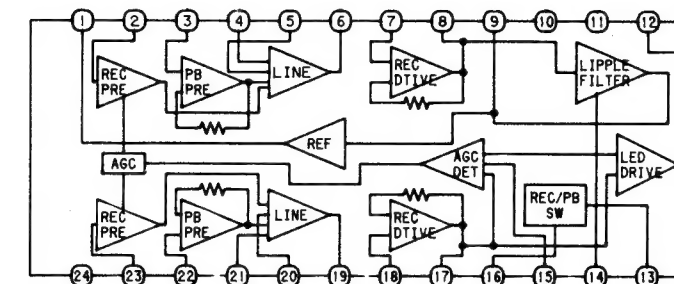
IC TA 7688



IC NJM 2063



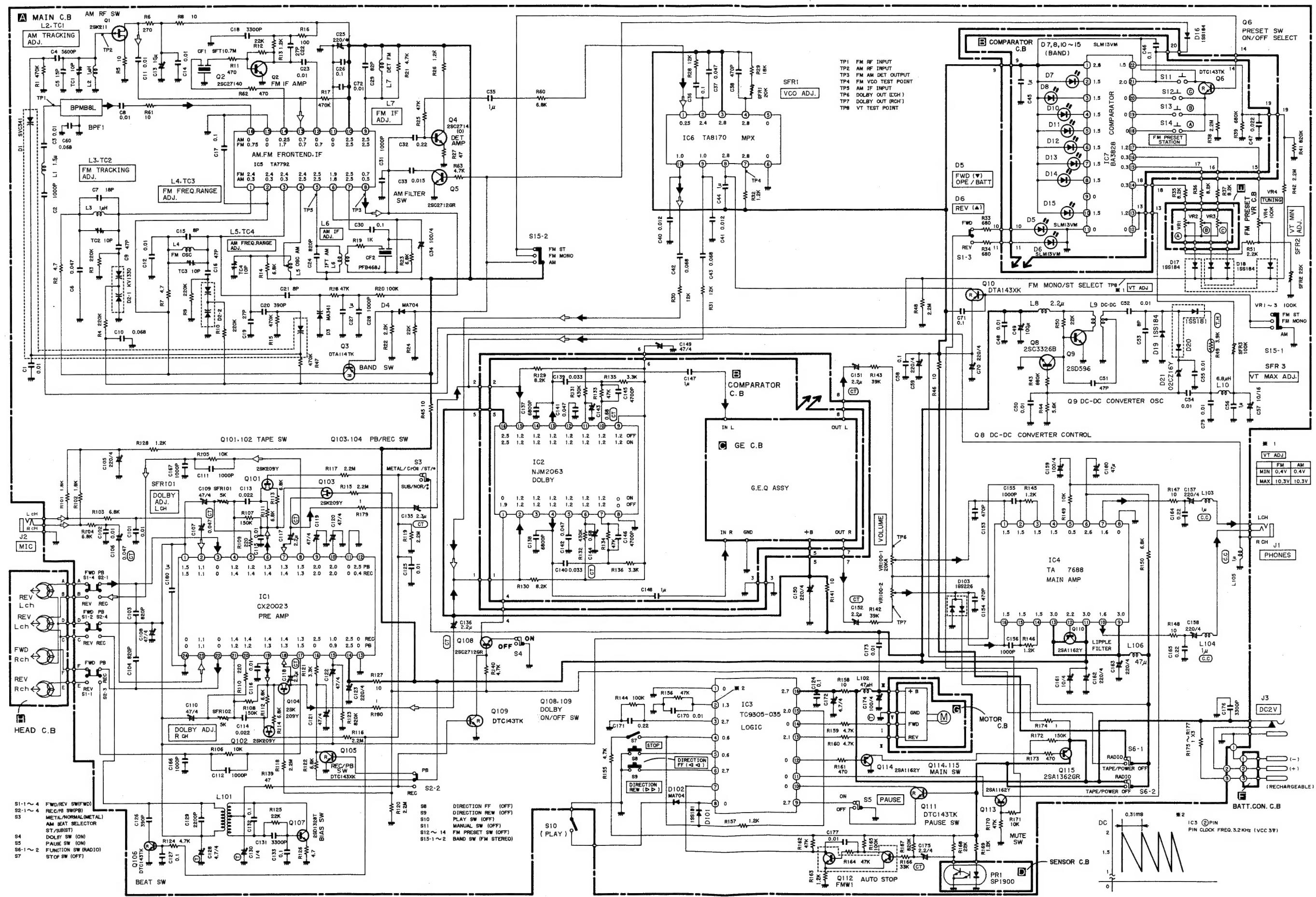
IC CX 20023

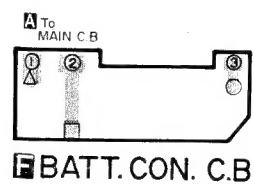


ACCESSORIES/PACKAGE LIST (HS-T101/T700) ※ Please order the all parts for this model to Japan.

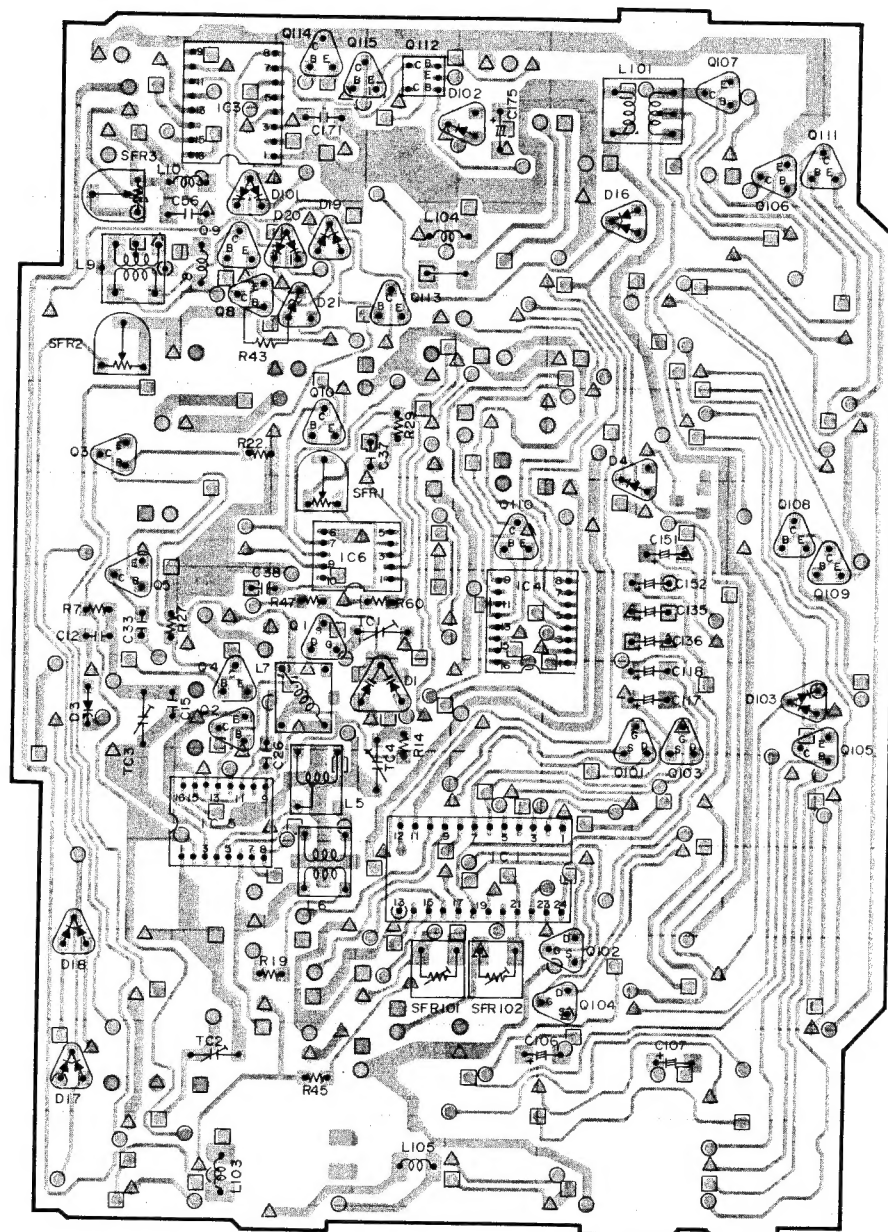
PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1	★84-436-907	INSTRUCTION BOOKLET (YU ONLY)	*	1
	2	★84-436-906	INSTRUCTION BOOKLET (Y ONLY)	*	1
	3	84-435-019	BATTERY BOX A HS-J101/J700		1
	4	09-027-496	BATTERY CASE ASSY (UM-4)		1
	5	★84-436-952	CARRYING CASE		1
	6	★87-048-131	HP-08 (Y1 ONLY)		1
	7	★87-048-134	HP-M13 (Y,YU ONLY)		1
	8	★87-042-038	AC-200H (H ONLY)		1
	9	★87-042-039	AC-200U (U ONLY)		1

SCHEMATIC DIAGRAM-1 (HS-J101/J700)

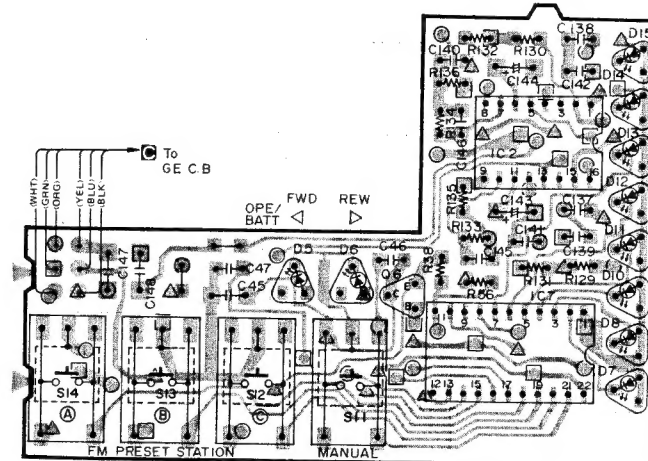




A MAIN C.B.

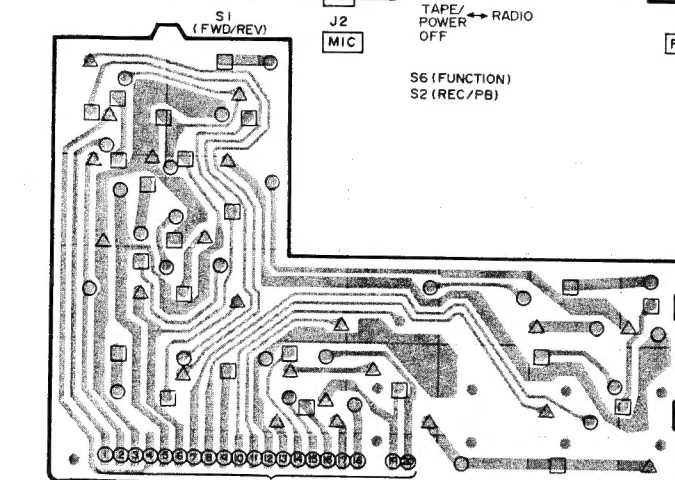
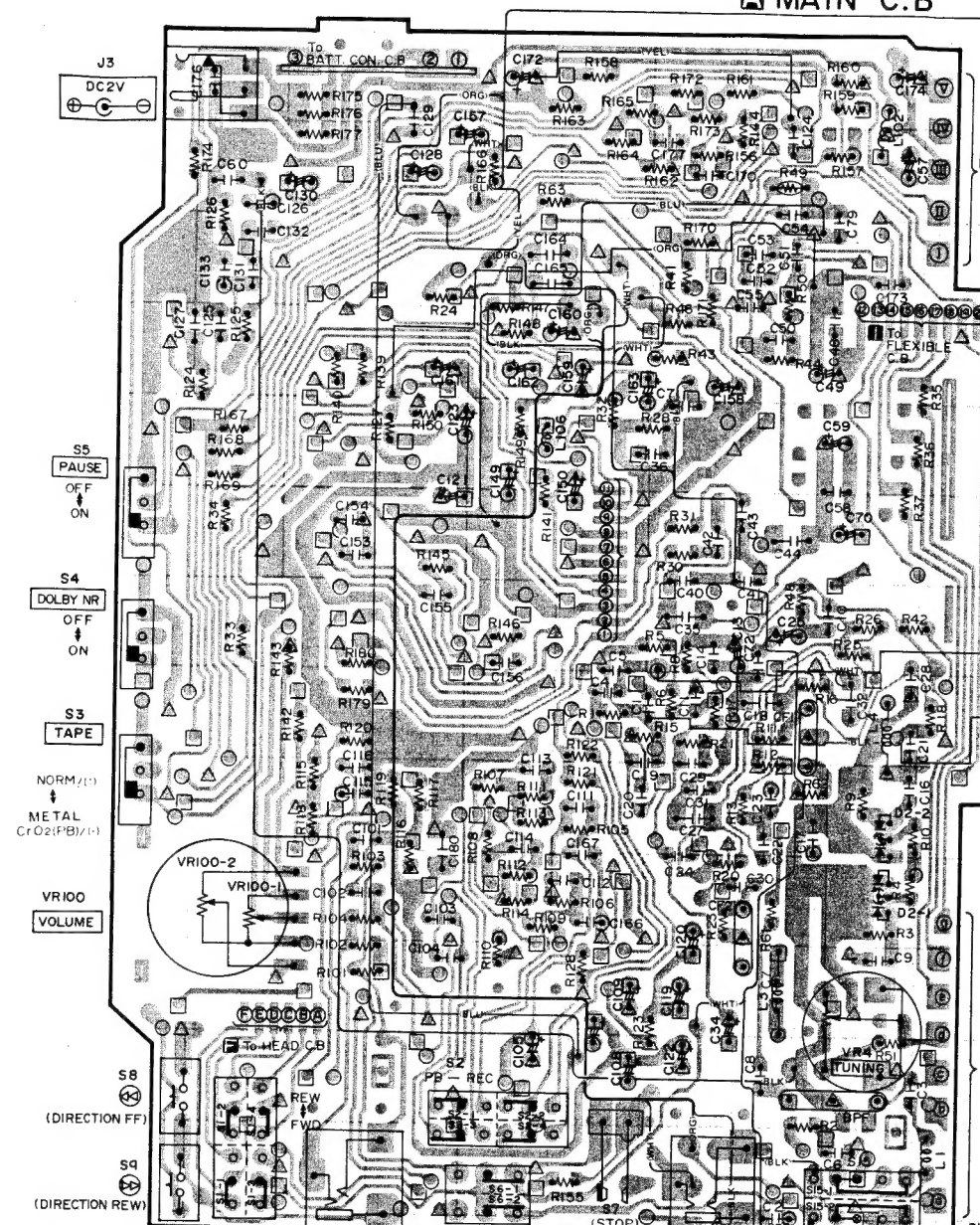


B FM PRESET VR C.B.



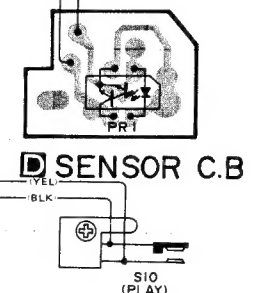
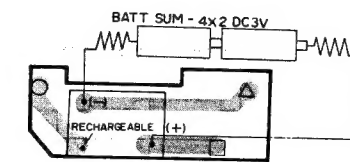
B COMPARATOR C.B.

A MAIN C.B.

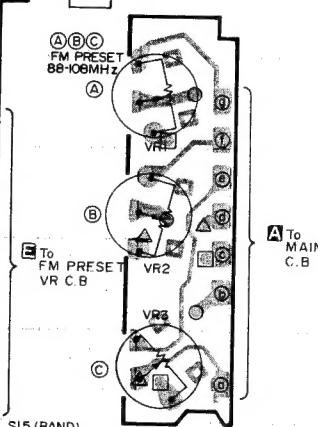


B To FLEXIBLE C.B.

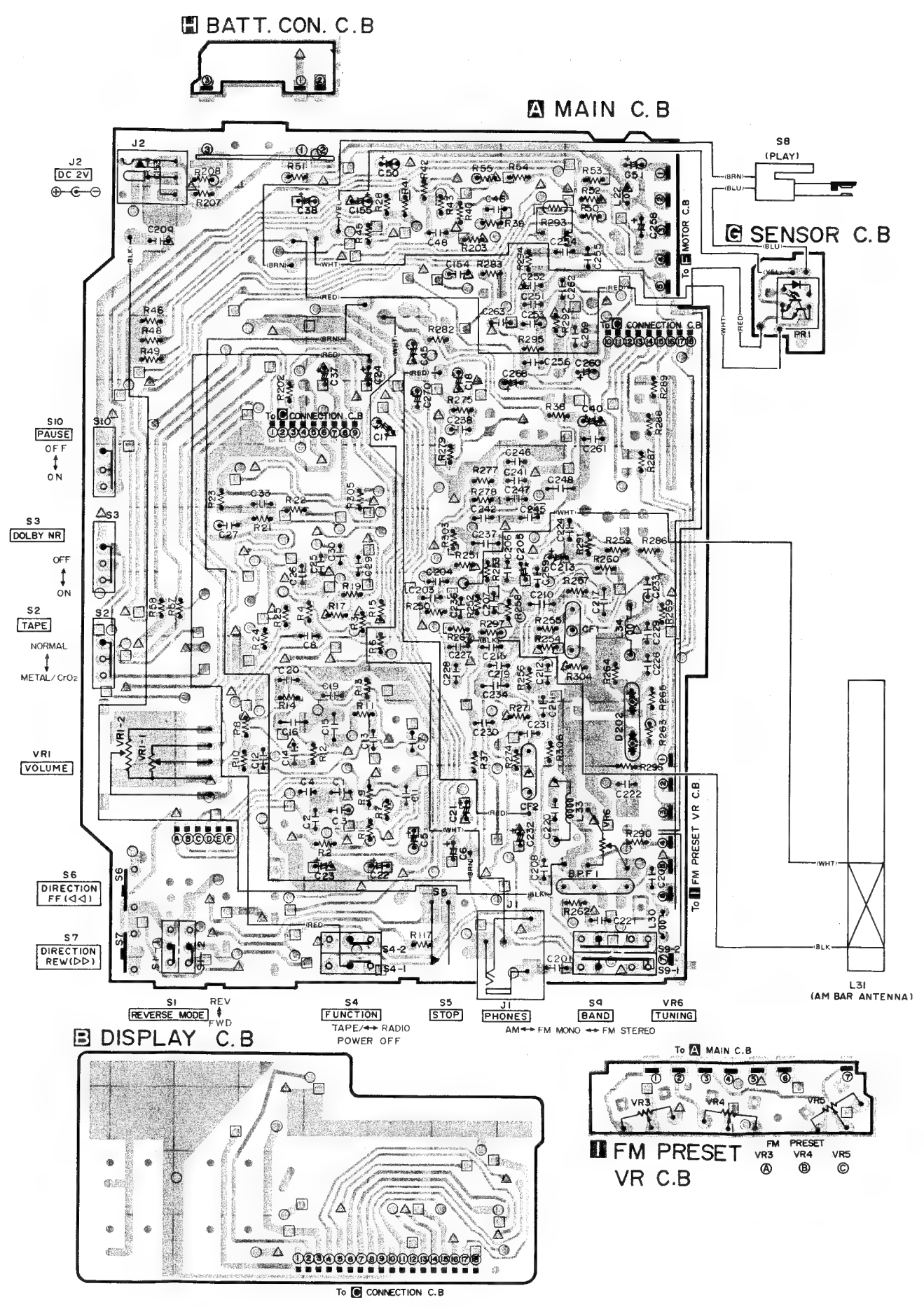
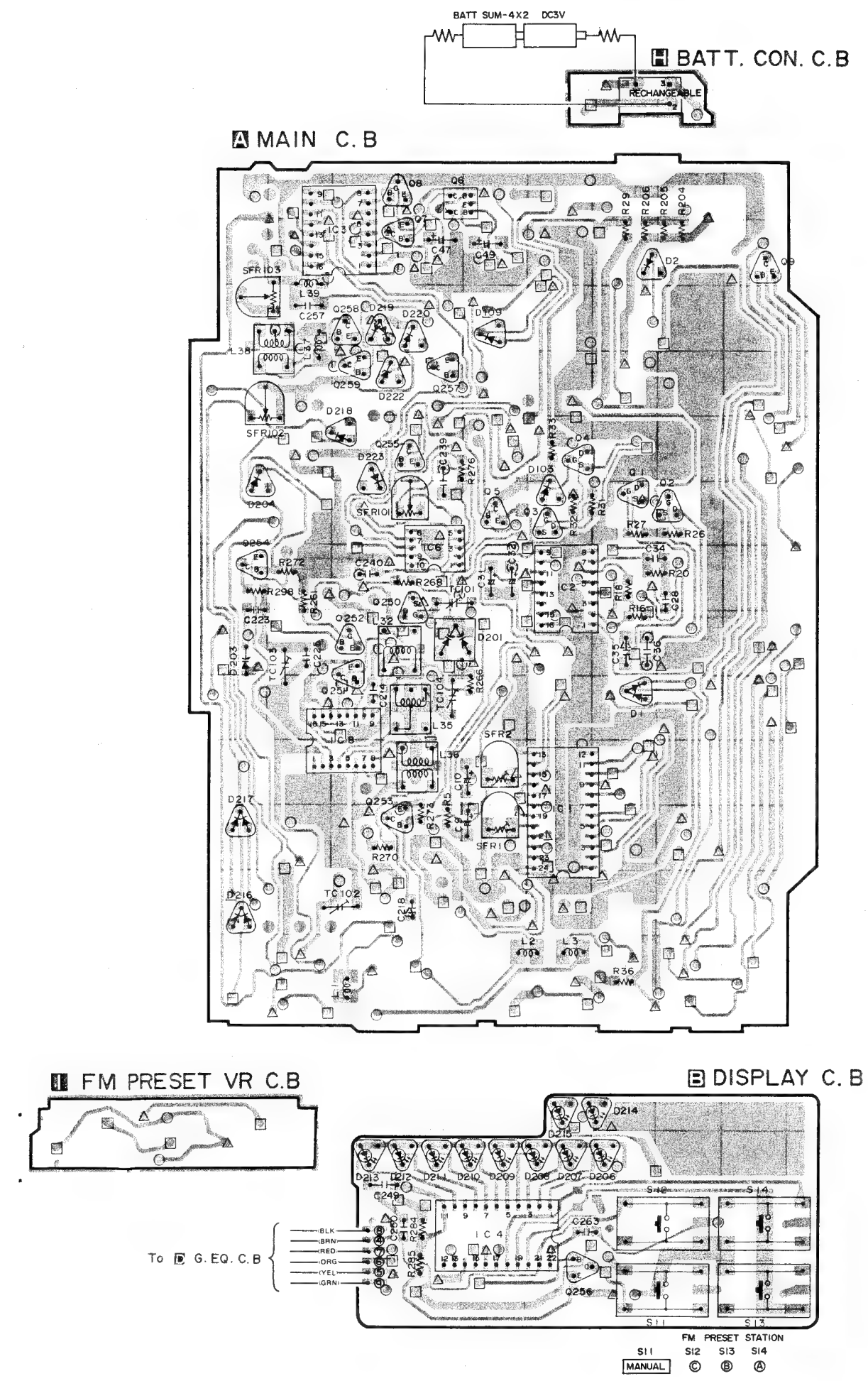
B COMPARATOR C.B.



L2 AM BAR ANT.



B FM PRESET VR C.B.



BATT. CON. C.B

MAIN C.B

SENSOR C.B

HEAD C.B

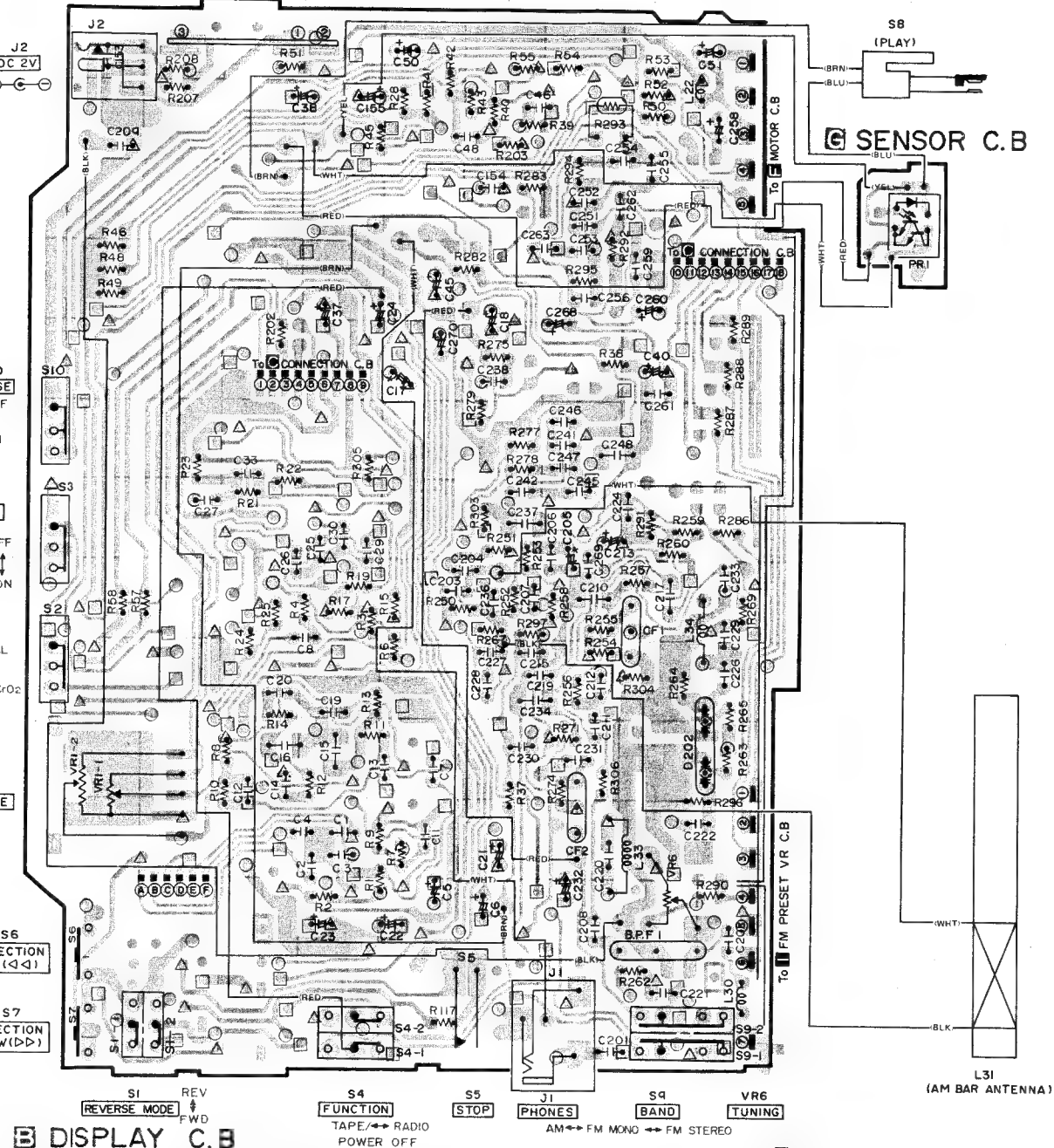
Azimuth Adjustment
Settings : Test tape : TTA-113B

MOTOR C.B

Tape speed Adjustment
Settings : Test tape : TTA-111S
At FWD PLAY SFR201
At REV PLAY SFR202

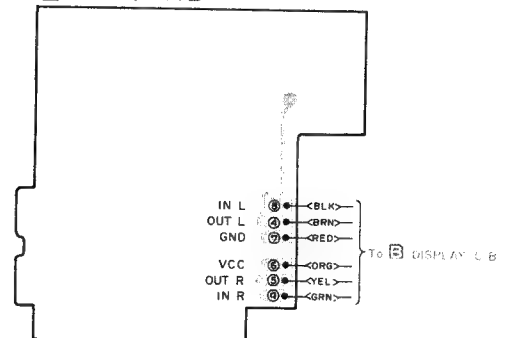
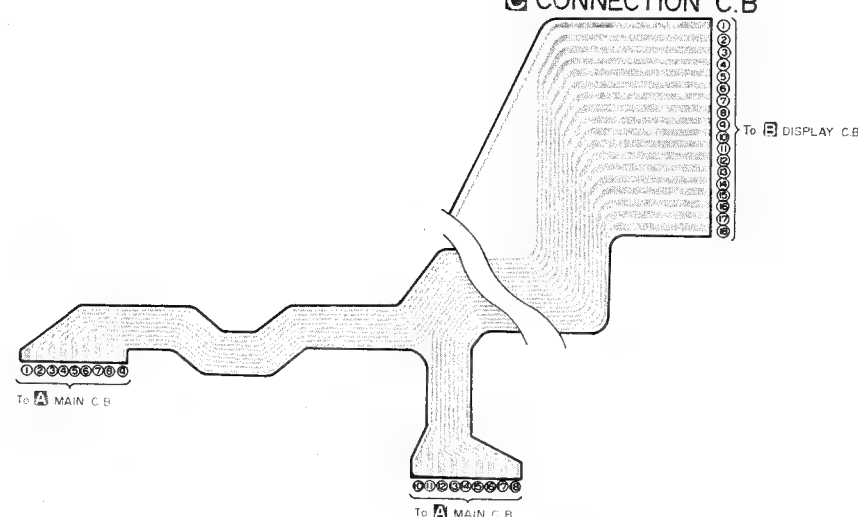
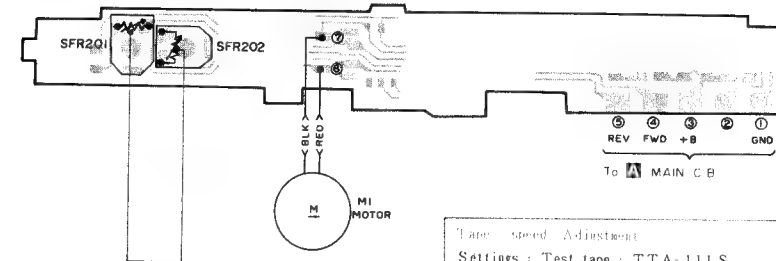
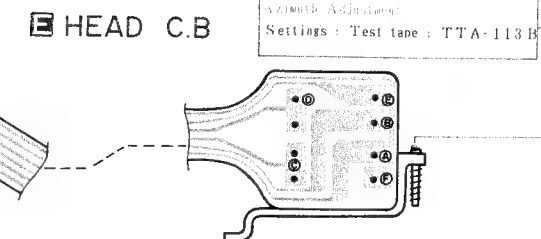
CONNECTION C.B

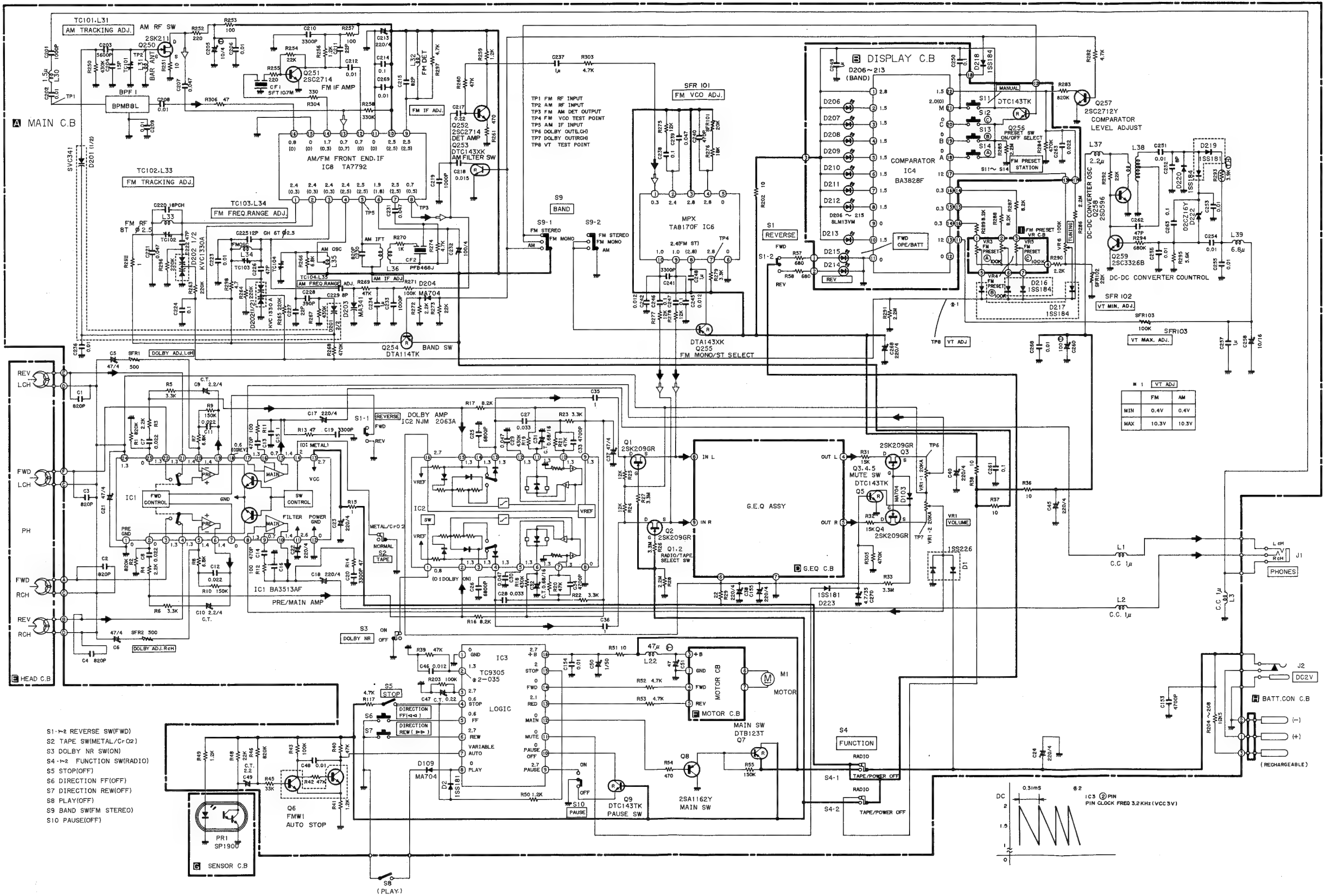
G.EQ C.B



DISPLAY C.B

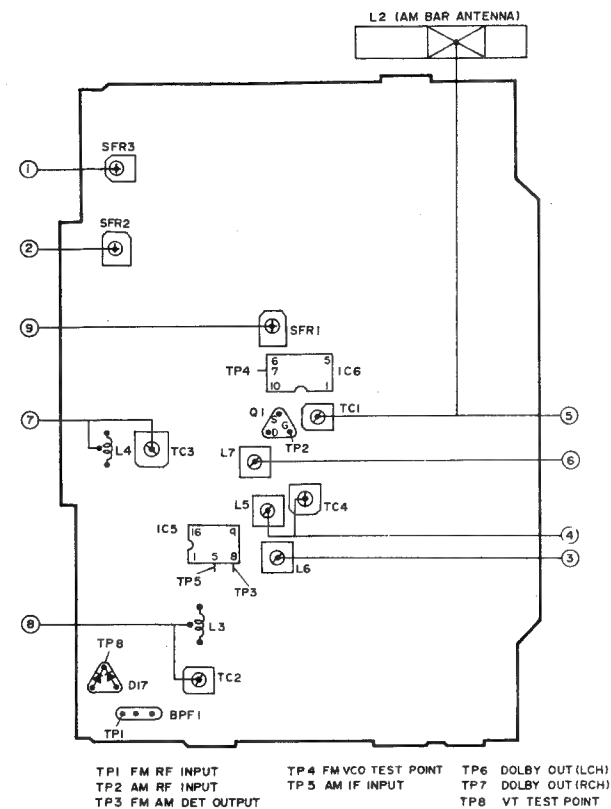
FM PRESET VR C.B





[illegible]

Sensitivity :	1 HF, THD 3%)	FM 17 ± 5 dB (at 98MHz)
		(HS-J 101/J 700)
		FM 18 ± 5 dB (at 96MHz)
		(HS-T 101/T 700)
S/N 10dB)		AM 50 ± 4 dB (at 1000kHz)
		(HS-J 101/J 700)
		AM 51 ± 4 dB (at 1000kHz)
		(HS-T 101/T 700)



Method: Adjustment SFR1(2) so
that the voltage at test
point TP6-ground(TP7-ground)
is $2.2\text{mV} \pm 0.5\text{dB}$.

Record bias frequency : 54kHz (HS-J 101/J 700)
Erasing ratio : 58 ± 8dB
(HS-J 101/J 700)
Wow & flutter : Less than 0.45% (RMS)
Distortion : Less than 3% (PB)
Less than 10% (REC)
(HS-J 101/J 700)

Diagram of the VR100 (MIN.) component. The component is a circular potentiometer with a wiper arm. The wiper arm is labeled "0" and "100". The potentiometer is connected to a circuit board. The test points are labeled as follows:

- TP7 RCH TEST POINT
- TP6 LCH TEST POINT

Below the diagram, two dashed boxes indicate the locations of the SFR102 RCH and SFR101 LCH components.

Signal noise ratio : $50 \pm 3\text{dB}$ (PB)
 $35 \pm 8\text{dB}$ (REC)
 (HS-J 101/J 700)

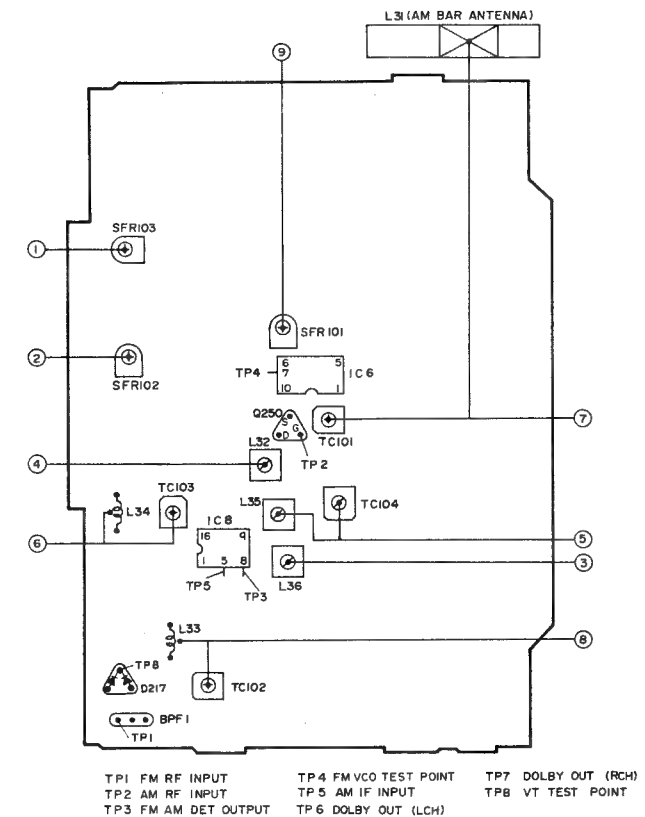
Noise level : Less than 4mV
 (DC, AC/MAX PB)
 Less than 20mV (DC MAX REC)
 (HS-J 101/J 700)

Pinch roller pressure : $180 \pm 10\text{g}$

Tape up torque : $25 \sim 35\text{g}\cdot\text{cm}$ (FWD)
 $25 \sim 40\text{g}\cdot\text{cm}$ (REV)

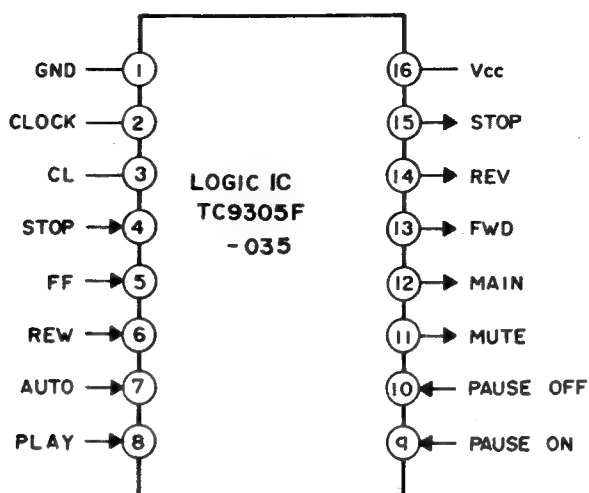
FF/rewind torque : $60 \sim 120\text{g}\cdot\text{cm}$

Back tension : $1.5 \sim 3\text{g}\cdot\text{cm}$



Method: Adjustment SFR 101(102) so
that the voltage at test
point TP6-ground(TP7-ground)
is $22\text{mV} \pm 0.5\text{ dB}$.

TC9305F-035 PIN NAME



The arrow at each pin shows signal in/out

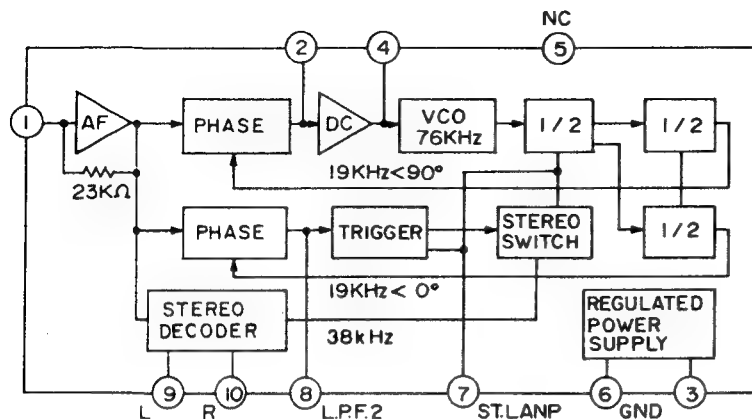
Pin No.	Pin name	Description
1	GND	Ground terminal
2	CLOCK	Clock oscillation terminal Oscillation frequency:3.2kHz
3	CL	Clear terminal "LOW" level resets the IC.
4	STOP	STOP key input. Active "HIGH"
5	FF	FF key input. Active "LOW"
6	REW	REW key input. Active "LOW"
7	AUTO	Tape end sensor input Auto operation is entered if there is no change of "HIGH" or "LOW" for 3 seconds.
8	PLAY	PLAY key input. Active "LOW"
9	PAUSE ON	PAUSE ON input. Active "LOW"
10	PAUSE OFF	PAUSE OFF input. Active "LOW"
11	MUTE	MUTE output. Outputs "HIGH" to mute the audio signal.
12	MAIN	MAIN output. Outputs "LOW" to turn on the main switch transistor.
13	FWD	FWD output. Outputs "HIGH" during FWD PLAY and REW.
14	REV	REV output. Outputs "HIGH" during REV PLAY and FF.
15	STOP	STOP output. Outputs "HIGH" during FWD and REV PLAY.
16	Vcc	Power terminal

☆ "HIGH"level: more than 70% of +B voltage at pin (16)

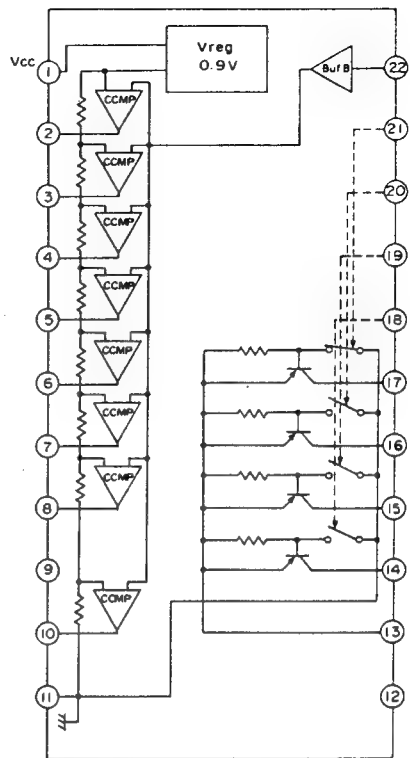
"LOW"level: less than 30% of +B voltage at pin (16)

IC BLOCK DIAGRAM -2 (HS-J101/J700/T101/T700)

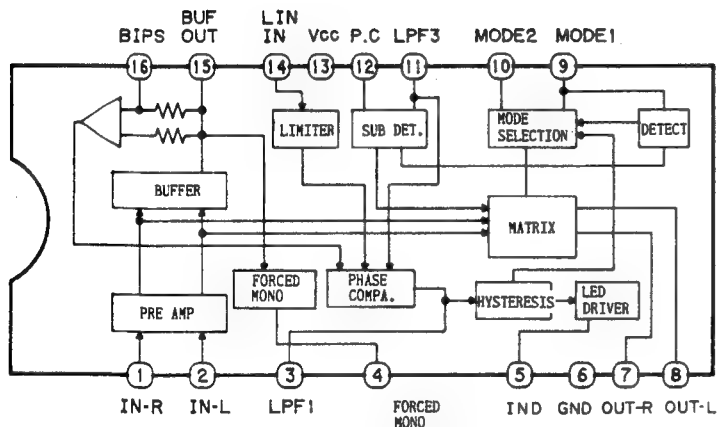
TA8170F



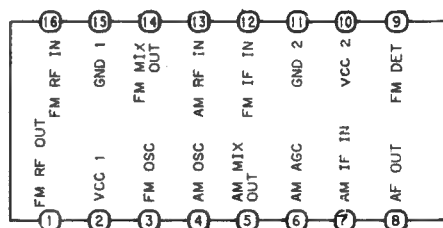
BA3828



TA7783



IC TA 7792



See the ZME-7 Mechanism Guide (Supplement of Service Manual) for the exploded views.
The following parts have been changed for this model.

■HS-J101, J700

ALTERATION PARTS LIST

※ Please order the all parts for this model to Japan

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
NOTE)	1-2	*86-530-393	T-SPRING, PINCH LEVER A(J)	HS-G101	1
	1-5	*86-530-394	T-SPRING, PINCH LEVER B(J)		1
	2-4	*84-437-009	PUSH-BUTTON, EJECT		1
	2-8	*86-530-311	GEAR I		2
	2-14	*86-530-392	GUIDE, TAPE(J)		1
	2-22	*86-530-389	LEVER, REVERSE F		1
	2-27	*86-530-451	LEVER, LOCK(N)		1
	2-34	*84-435-008	PUSH-BUTTON, REC		1
	2-46	*86-530-452	LEVER, STOP(JN)		1
	2-48	*84-435-009	PUSH-BUTTON, STOP		1
	2-51	*86-530-472	E-SPRING, REC LEVER AN		1
	2-56	*86-530-478	E-SPRING, REC LOCK LEVER(N)		1

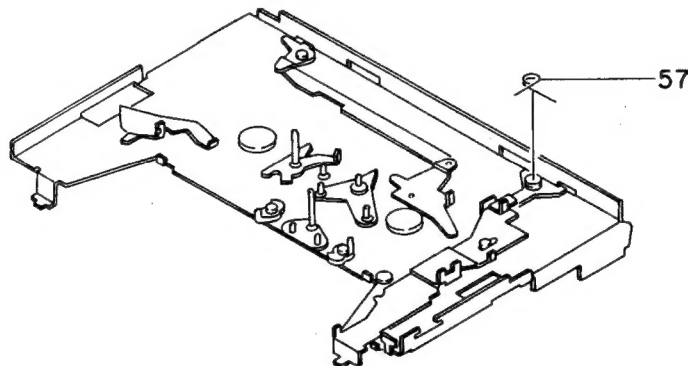
The following REF.NOS. are not used in this model.

2-9, 2-28, 2-41~2-45, 2-53

Note) 2-8, 2-9...Gear K is removed and 2 gears I are used.

ADDITIONAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	2-57	*86-530-469	T-SPRING, REC BLOCKING		1



See the ZME-7 Mechanism Guide (Supplement of Service Manual) for the exploded views.
The following parts have been changed for this model.

■HS-T101, T700

ALTERATION PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
NOTE)	2-4	*84-437-009	PUSH-BUTTON, EJECT	HS-G101	1
	2-8	*86-530-311	GEAR I		2
	2-14	*86-530-392	GUIDE, TAPE(J)		1
	2-22	*86-530-389	LEVER, REVERSE F		1
	2-23	*86-530-479	REVERSE LEVER C ASSY		1
	2-26	*86-530-477	E-SPRING, LOCK LEVER(PN)		1
	2-27	*86-530-451	LEVER, LOCK N		1
	2-46	*86-530-452	LEVER, STOP JN		1
	2-48	*84-435-009	PUSH-BUTTON, STOP		1

The following REF.NOS. are not used in this model.

1-14~1-17

2-3, 2-9, 2-28, 2-34, 2-41~2-45, 2-50~2-56

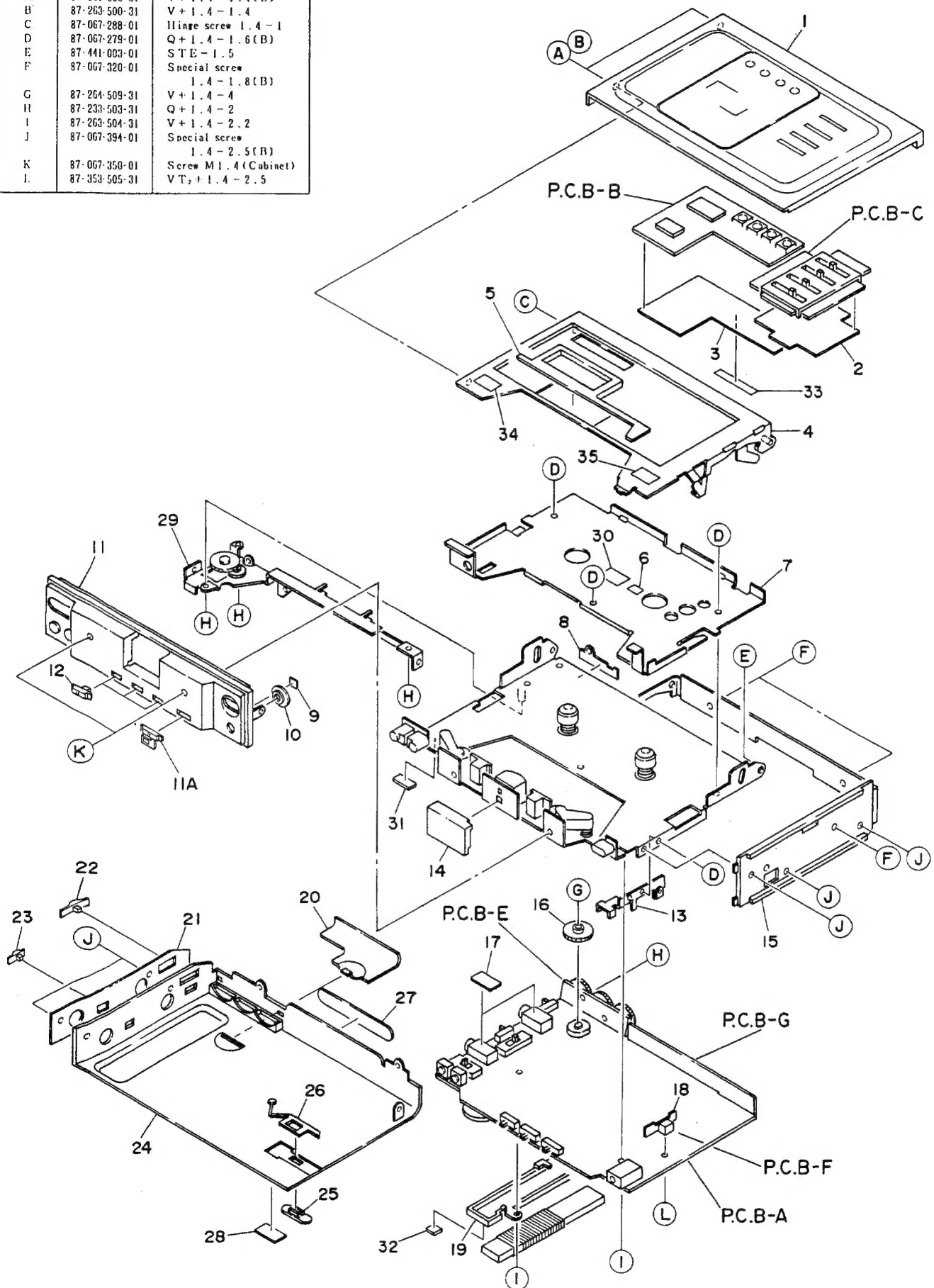
Note) 2-8, 2-9...Gear K is removed and 2 gears I are used.

ADDITIONAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	2-57	*86-530-378	HEADER SCREW, MOTOR		2

EXPLODED VIEW (HS-J101/J700/T101/T700)

Ref. No.	Part No.	Description
A.	87-261-500-31	V + 1.4 - 1.4 (B)
B.	87-263-500-31	V + 1.4 - 1.4
C.	87-067-288-01	Hinge screw 1.4 - 1
D.	87-067-279-01	Q + 1.4 - 1.6 (B)
E.	87-441-003-01	STE - 1.5
F.	87-067-320-01	Special screw 1.4 - 1.8 (B)
G.	87-264-509-31	V + 1.4 - 4
H.	87-233-503-31	Q + 1.4 - 2
I.	87-263-504-31	V + 1.4 - 2.2
J.	87-067-394-01	Special screw 1.4 - 2.5 (B)
K.	87-067-350-01	Screw M1.4 (Cabinet)
L.	87-353-505-31	VT, + 1.4 - 2.5



MECHANICAL PARTS LIST (HS-J101/J700/ T101/T700)

※ Please order the all parts for
this model to Japan.

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1-1	09-027-521	CASSETTE LID ASSY Y B (HS-J101)	*	1
	1-1	09-027-522	CASSETTE LID ASSY Y S (HS-J101)	*	1
	1-1	09-027-523	CASSETTE LID ASSY YU B (HS-J700)	*	1
	1-1	09-027-524	CASSETTE LID ASSY Y B (HS-T101)	*	1
	1-1	09-027-525	CASSETTE LID ASSY Y S (HS-T101)	*	1
	1-1	09-027-526	CASSETTE LID ASSY YU S (HS-T700)	*	1
	1-2	*84-435-218	MYLAR,GEQ(HS-J101,J700)	*	1
	1-2	*84-436-202	MYLAR,GEQ(HS-T101,T700)	*	1
	1-3	*84-435-219	MYLAR,PRESET(HS-J101,J700)	*	1
	1-3	*84-436-203	MYLAR,PRESET(HS-T101,T700)	*	1
	1-4	*84-435-216	HOLDER CASSETTE ASSY(HS-J101,J700)	*	1
	1-4	*84-436-205	HOLDER CASSETTE ASSY (HS-T101,T700)	*	1
	1-5	---	SPACER(HS-J101,J700)	*	1
	1-6	*84-435-220	MYLAR,DECORATIVE PLATE	*	1
	1-7	*84-437-011	DECORATIVE PLATE	*	1
	1-8	*84-435-228	MYLAR,PRESET	*	1
	1-9	*82-585-357	MYLAR,4X6X0.1	*	1
	1-10	*84-420-019	SPACER,JACK	HS-P09	1
	1-11	*09-027-527	CONTROL PANEL ASSY(HS-J101,J700)	*	1
	1-11	*09-027-528	CONTROL PANEL ASSY(HS-T101,T700)	*	1
	1-11A	84-435-034	SLIDE KNOB,DIRECTION	*	1
	1-12	84-417-114	SLIDE KNOB J	HS-J09	3
	1-13	*84-435-210	HOLDER,DC JACK	*	1
	1-14	*84-437-007	PUSH-BUTTON,PLAY	*	1
	1-15	84-435-005	CENTER FRAME B	*	1
	1-15	84-436-012	CENTER FRAME S	*	1
	1-16	*84-435-203	GEAR,TU	*	1
	1-17	*84-417-612	MYLAR SHEET 7-10	HS-J09	2
	1-18	84-435-246	TERMINAL ASSY	*	1
	1-19	*84-435-208	HOLDER,BAR ANTENNA	*	1
	1-20	84-435-018	LID,PRESET B	*	1
	1-20	84-435-046	LID,PRESET S	*	1
	1-21	*84-435-047	PLATE,SIDE Y(HS-J101,J700)	*	1
	1-21	*84-436-022	PLATE,SIDE Y(HS-T101,T700)	*	1
	1-22	84-435-013	KNOB,SLIDE B	*	1
	1-23	84-435-012	KNOB,SLIDE A	*	1
	1-24	*84-435-061	CABINET,REAR Y B (HS-J101)	*	1
	1-24	*84-435-063	CABINET,REAR Y S (HS-J101)	*	1
	1-24	*84-435-062	CABINET,REAR YU B (HS-J700)	*	1
	1-24	*84-436-025	CABINET,REAR Y B (HS-T101)	*	1
	1-24	*84-436-026	CABINET,REAR Y S (HS-T101)	*	1
	1-24	*84-436-027	CABINET,REAR YU S (HS-T700)	*	1
	1-25	84-435-011	KNOB,LOCK B	*	1
	1-26	84-435-225	LEVER,LOCK	*	1
	1-27	*84-437-047	LABEL,DOLBY WARM Y B	*	1
	1-27	*84-437-046	LABEL,DOLBY WARM Y S	*	1
	1-28	*84-435-038	LABEL,CAUTION Y B	*	1
	1-28	*84-435-037	LABEL,CAUTION Y S	*	1
	1-29	*84-435-202	TU CHASSIS ASSY	*	1
	1-30	*84-437-031	SEAL,DECORATIVE	*	1
	1-31	---	G CUSHION 6X3X1.5	*	1
	1-32	---	S CUSHION 7-7-3	*	1
	1-33	*84-435-240	MYLAR 26-2.5-0.2(HS-J101,J700)	*	1
	1-34	*84-436-209	MYLAR 12X12X0.4(HS-T101,T700)	*	1
	1-35	*84-436-216	MYLAR 4-10-0.5(HS-T101,T700)	*	1

