

SW RF ALIGNMENT

BAND	SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (VTVM or SCOPE)	ADJUSTMENT	REMARKS
	CONNECTIONS	FREQUENCY				
SW1-RF ALIGNMENT						
SW1	Connect to EXT ANT (LW/MW/SW1) terminal.	1.6 MHz	1.6 MHz 3 mm ($\frac{1}{8}$ "	Output meter across voice coil.	L ₅₁ (SW1 OSC Coil) L ₄₄ (SW1 ANT Coil)	Adjust for maximum output.
SW1	"	3 MHz	3 MHz 58.7mm($2\frac{5}{16}$ "	"	C ₂₂₉ (SW1 OSC Trimmer) C ₂₀₇ (SW1 ANT Trimmer)	Adjust for maximum output. Repeat steps (1) and (2).
SW2-RF ALIGNMENT						
SW2	Connect to EXT ANT (SW2~SW7) terminal.	3 MHz	3 MHz 3mm ($\frac{1}{8}$ "	"	L ₄₂ (SW2 OSC Coil) L ₉ (SW2 TUNE Coil) L ₁ (SW2 ANT Coil)	Adjust for maximum output.
SW2	"	7 MHz	7 MHz 60.5mm($2\frac{3}{8}$ "	"	C ₁₀₈ (SW2 OSC Trimmer) C ₃₃ (SW2 TUNE Trimmer) C ₁₀ (SW2 ANT Trimmer)	Adjust for maximum output. Repeat steps (3) and (4).
SW3-RF ALIGNMENT						
SW3	"	7 MHz	7 MHz 3mm ($\frac{1}{8}$ "	"	L ₁₀ (SW3 TUNE Coil) L ₂ (SW3 ANT Coil)	Adjust for maximum output.
SW3	"	11.01 MHz	11.01 MHz 60.5mm ($2\frac{3}{8}$ "	"	C ₃₄ (SW2 TUNE Trimmer) C ₁₁ (SW2 ANT Trimmer)	Adjust for maximum output. Repeat steps (5) and (6).
SW4-RF ALIGNMENT						
SW4	"	11.01 MHz	11.01 MHz 3mm ($\frac{1}{8}$ "	"	L ₁₁ (SW4 TUNE Coil) L ₃ (SW4 ANT Coil)	Adjust for maximum output.
SW4	"	15.01 MHz	15.01 MHz 60.5mm ($2\frac{3}{8}$ "	"	C ₃₅ (SW4 TUNE Trimmer) C ₁₂ (SW4 ANT Trimmer)	Adjust for maximum output. Repeat steps (7) and (8).
SW5-RF ALIGNMENT						
SW5	"	15.01 MHz	15.01 MHz 3mm ($\frac{1}{8}$ "	"	L ₁₂ (SW5 TUNE Coil) L ₄ (SW5 ANT Coil)	Adjust for maximum output.
SW5	"	19.01 MHz	19.01 MHz 60.5mm ($2\frac{3}{8}$ "	"	C ₃₆ (SW6 TUNE Trimmer) C ₁₃ (SW5 ANT Trimmer)	Adjust for maximum output. Repeat steps (9) and (10).
SW6-RF ALIGNMENT						
SW6	"	19.01 MHz	19.01 MHz 3mm ($\frac{1}{8}$ "	"	L ₁₃ (SW6 TUNE Coil) L ₅ (SW6 ANT Coil)	Adjust for maximum output.
SW6	"	23.01 MHz	23.01 MHz 60.05mm ($2\frac{3}{8}$ "	"	C ₃₇ (SW6 TUNE Trimmer) C ₁₄ (SW6 ANT Trimmer)	Adjust for maximum output. Repeat steps (11) and (12).
SW7-RF ALIGNMENT						
SW7	"	23.01 MHz	23.01 MHz 3mm ($\frac{1}{8}$ "	"	L ₁₄ (SW7 TUNE Coil) L ₆ (SW7 ANT Coil)	Adjust for maximum output.
SW7	"	27.01 MHz	27.01 MHz 60.5mm ($2\frac{3}{8}$ "	"	C ₃₈ (SW7 TUNE Trimmer) C ₁₅ (SW7 ANT Trimmer)	Adjust for maximum output. Repeat steps (13) and (14).

■ FM ALIGNMENT

SIGNAL GENERATOR or SWEEP GENERATOR		RADIO DIAL SETTING [DISTANCE]	INDICATOR (VTVM or SCOPE)	ADJUSTMENT	REMARKS
CONNECTIONS	FREQUENCY				
FM-IF ALIGNMENT					
(1) High side thru. 0.001 μ F to point TP₇ . Negative side to point E .	10.7 MHz (400 kHz SWP.)	Point of non-interference. (on/about 90 MHz).	Connect vert. amp. of scope to point TP₅ . Negative side to point E .	T ₃ (FM 1st IFT) T ₆ (FM 2nd IFT) (Primary)	Adjust for maximum amplitude. (Refer to fig. 32).
(2) "	"	"	"	T ₇ (FM 2nd IFT) (Secondary)	Adjust for maximum amplitude. (Refer to fig. 33).
FM-RF ALIGNMENT					
(3) Connect to EXT ANT (FM) terminal through FM dummy antenna. (Refer to fig. 34).	87.2 MHz	Variable capacitor fully closed.	Output meter across voice coil.	L ₄₅ (FM OSC Coil)	(*) Adjust for maximum output.
(4) "	90 MHz	Tune to signal.	"	L ₄₆ (FM TUNE Coil)	(*) Adjust for maximum output.
(5) "	106 MHz	106 MHz 53.1mm (2 $\frac{3}{32}$ "')	"	C ₂₂₂ (FM OSC Trimmer) C ₂₁₈ (FM TUNE Trimmer)	(*) Adjust for maximum output. Repeat steps (3)~(5).

(*) Three output responses will be present; proper tuning is the center frequency.

■ ALIGNMENT POINTS

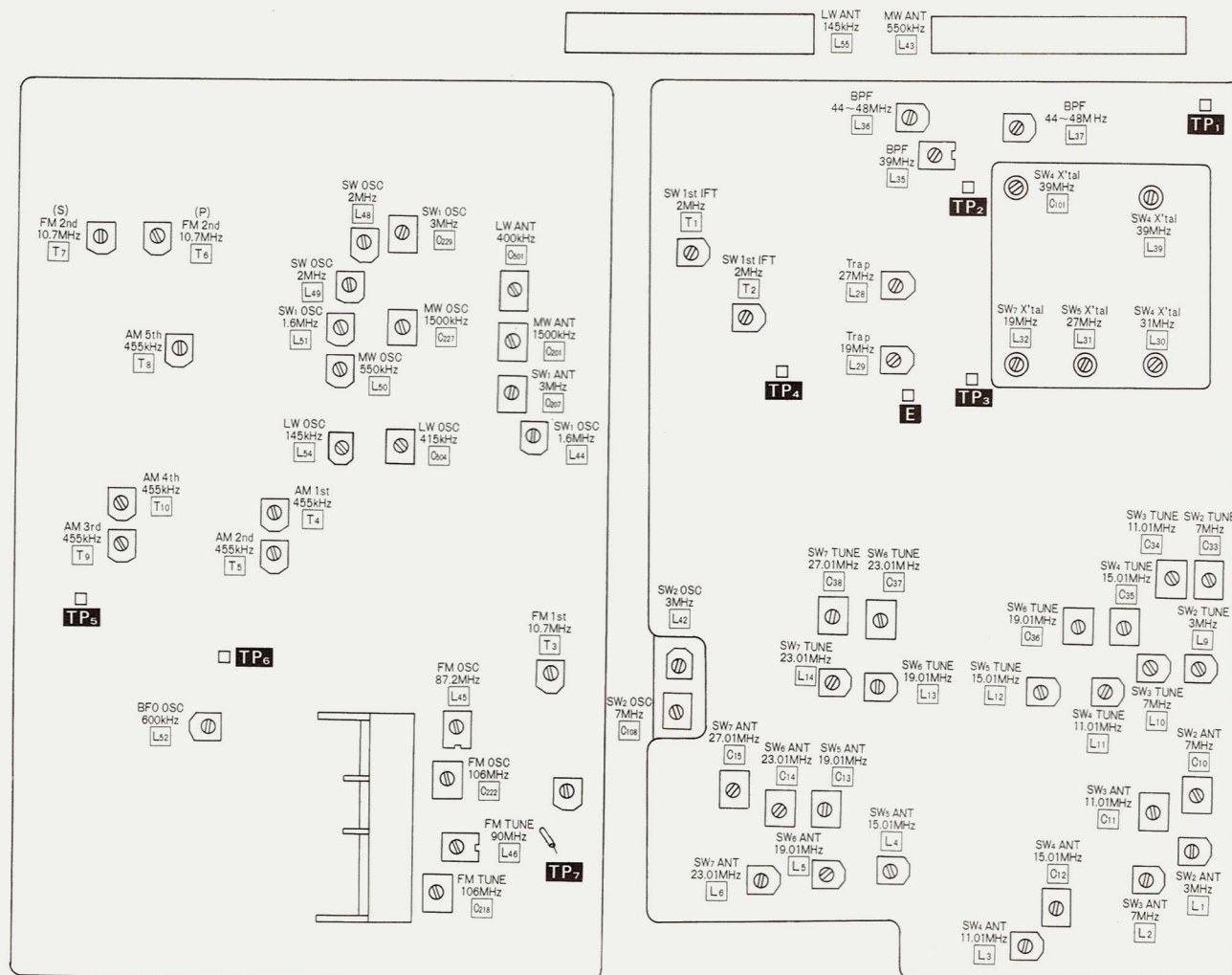


Fig. 35

■ BLOCK DIAGRAM

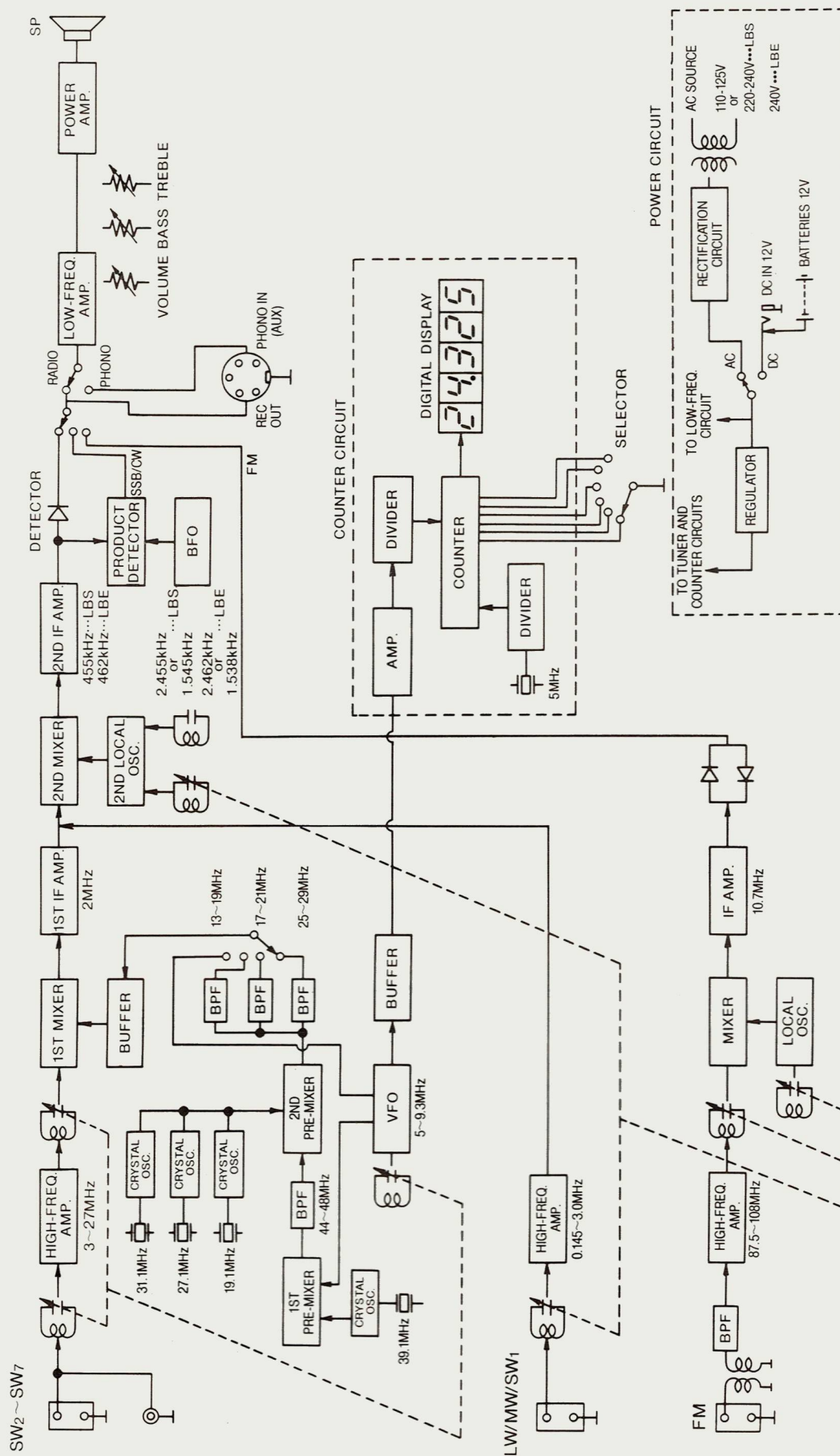


Fig. 36

■ IC3 (RVIM54820) BLOCK DIAGRAM

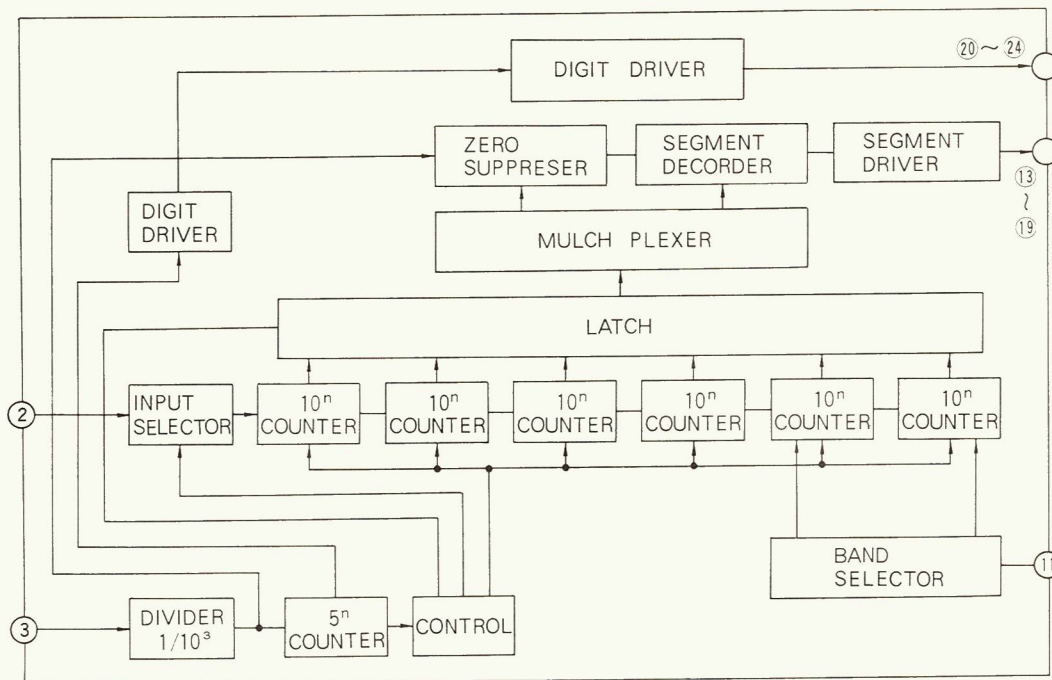


Fig. 37

■ CHASSIS PARTS LOCATIONS

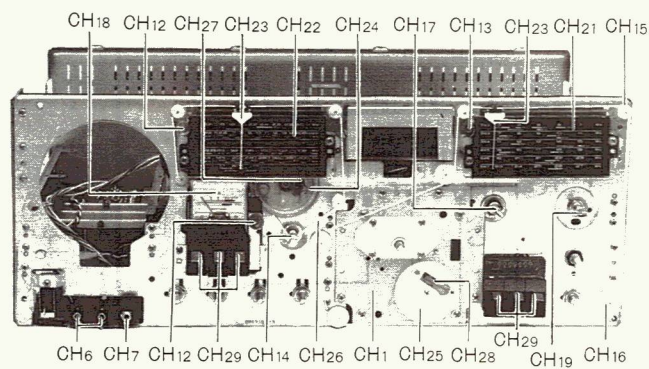


Fig. 38

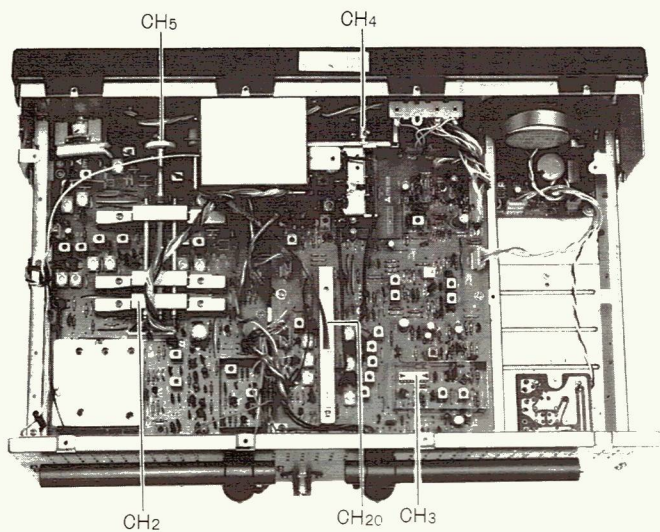


Fig. 39

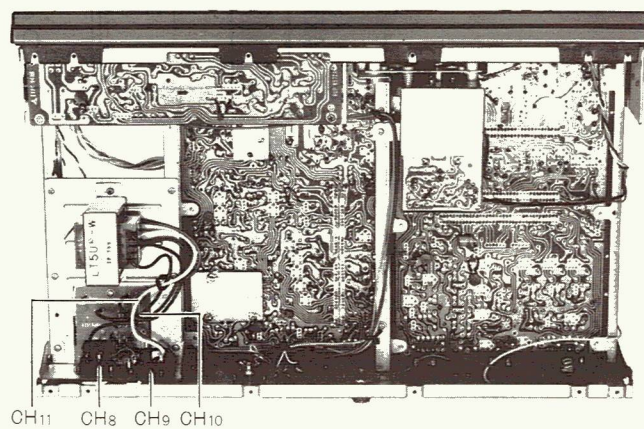


Fig. 40

REPLACEMENT PARTS LIST..... Model RF-4800LBS (RD7708-1488)

- NOTES: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.
2. X-Z rank: X rank parts will cover 80% of repair needs.
X+Y rank parts will cover 95% of repair needs.
Z rank parts are less necessary.
3. Components identified by shaded area have special characteristic important for safety. When replacing any of these components use only manufacturer's specified parts.
4. Part numbers shown in bold letters are service standard parts and may differ from production parts.
5. The O mark is used by the manufacturing plant only.

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
INTEGRATED CIRCUITS, TRANSISTORS AND DIODES				
IC1	RVIUPG1018	IC, FM/AM IF Amp.	1	X
IC2	RVILA4201	IC, AF & Power Amp.	1	O X
IC3	RVIM54820	IC, Counter LSI	1	X
IC4	RVISN74LS93	IC, Divider	1	X
IC5	RVIM54812L5	IC, Divider & Oscillator	1	X
TR1,16	2SK49	Transistor (Si), SW RF Amp., FM RF Amp.	2	X
TR2,3,4,5,6,10,13,14,15,17,24,30,31,32	2SA838	Transistor (Ge), SW RF Amp., SW Mixer, Buffer, 2nd Pre Mix, 1st Pre Mix, VFO Oscillator, FM Oscillator, FM IF Amp., AM IF Amp.	14	X
TR7,8,9,11	2SC1675	Transistor (Si), Oscillator	4	X
TR12	2SC1383	Transistor (Si), Regulator	1	X
TR18	2SK104	Transistor (Si), AM RF Amp.	1	X
TR19	2SC828	Transistor (Si), RF Gain Control	1	X
TR20,34,36,37	2SC945	Transistor (Si), Switching, SSB AF Amp., AF Amp., Regulator	4	X
TR21	2SC1675	Transistor (Si), Counter Pre Amp.	1	X
TR22,23	2SC1674	Transistor (Si), Counter Pre Amp.	2	X
TR25,26,27,28,29	2SC2001	Transistor (Si), Digit Driver	5	X
TR33	2SA564	Transistor (Ge), BFO Oscillator	1	X
TR35	2SC829	Transistor (Si), Meter Amp.	1	X
D1,2,11,12,16,23,24,25,27,28	OA90	Diode (Ge), SW AGC, AM AGC, FM AGC, AM Meter Rectifier	10	X
D3,4,5,14,15,17,18,19,20,30,38	MA150	Diode (Si), Switching, ANL	3	X
D6	RVDEQA0106RF	Diode (Si), Zener	1	X
D8,9	RVDVD1252L	Diode (Si), AOC	2	X
D10,13,29	RVDSD113	Diode (Si), Count Adjust, FM AFC, BFO Detector	3	X
D21,22,31,32,33,34	2-OA90	Diode (Ge), FM Detector, BFO Detector	6	X
D26	RVDVD1150L	Diode (Si), AOC	1	X
D35	RVDWZ206	Diode (Si), Zener	1	X
D36,37,40,41	RVD10E1LF	Diode (Si), Rectifier	4	X

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
D7,39	RVDVD1251M	Diode (Si), AOC	2	X
CERAMIC FILTERS, COILS AND TRANSFORMERS				
CF1,2,3	RVFL07MFR	Ceramic Filter	3	X
CF4	RVFLFB4	Ceramic Filter	1	O X
L1,9	RLA3M32	Antenna Coil or Detector Coil, SW2	2	O X
L2,10	RLA3M33	Antenna Coil or Detector Coil, SW3	2	O X
L3,11	RLA3M34	Antenna Coil or Detector Coil, SW4	2	O X
L4,12,29	RLA3M35	Antenna Coil or Detector Coil, SW5	3	O X
L5,14,28	RLA3M37	Antenna Coil, SW6	3	O X
L6	RLA3M38	Detector Coil, SW7	1	O X
L13	RLA3M36	Detector Coil, SW6	1	O X
L56	RLA4Z4	Baron Coil, FM	1	O X
L30,31,32,36,37,39	RL09M7	Oscillator Coil, Xtal	6	O X
L35	RLD4M5	BPF Coil	1	O X
L42	RL03M52	Coil, Trap	1	O X
L43	RLF2E41	Oscillator Coil, SW2	1	O X
L44	RLA3M31	Antenna Coil, MW	1	O X
L45	RLD4M1	Antenna Coil, SW	1	O X
L46	RLD4M8	Oscillator Coil, FM	1	X
L47	RLI4M103	Antenna Coil, FM	1	X
L48,51	RL03M51	Coil, Trap	1	X
L49	RL09M6	Oscillator Coil, 2nd Local & SW2	2	O X
L50	RL02M16	Oscillator Coil, 2nd Local	1	O X
L52	RL09M8	Oscillator Coil, MW	1	O X
L54	RL01M6	Oscillator Coil, BFO	1	O X
L55	RLF1E1	Oscillator Coil, LW	1	O X
T1	RLI9M3	Antenna Coil, LW	1	O X
T2	RLI9M4	IFT, SW 1st	1	X
T3	RLI4M101	IFT, SW 1st	1	X
T4,9,10	RLI2M212	IFT, FM 1st	1	X
T5	RLI2M208	IFT, AM 1st, 3rd, 4th	3	O X
T6	RLI4M504	IFT, AM 2nd	1	X
T7	RLI4M506	IFT, FM 2nd (Primary)	1	X
T8	RLI2M402	IFT, FM 2nd (Secondary)	1	X
T11	RLT5U8	IFT, AM 5th	1	X
		Power Transformer	1	O X

VARIABLE RESISTORS				
R1	EVHMA088A14	Variable Resistor, 10KΩ (A), RF Gain Control	1	O X
R201	EVLD8AT12B14	Variable Resistor, 10KΩ (B), SW2~8 CAL	1	X
R274	EVLTOAA00B14	Variable Resistor, 10KΩ (B), Preset, Meter Control	1	Y
R306	EVH8SA029B14	Variable Resistor, 10KΩ (B), BFO Pitch	1	O X
R310,313,315	EVH8SA029A14	Variable Resistor, 10KΩ (A), Bass, Treble & Volume Control	3	O X

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
VARIABLE CAPACITORS				
C1	RCVC321A152	Tuning Capacitor	1	OX
C10,201,218,501	RCV1PX10AG	Trimmer Capacitor	4	Y
C11~15,33~38,108,207,222,227,229,504	RCV1PX20AG	Trimmer Capacitor	17	Y
C214,216,219,221	RCVCV45D112	Tuning Capacitor	1	X
C104,105,110	RCVCV35D112	Tuning Capacitor	1	OX
COMPONENT COMBINATIONS AND CRYSTAL				
Z1	RXABPMF1	Component Combination, Coils & Capacitors	1	OY
Z2	EXA5DLO4C	Component Combination, 330PF×3, 4.7KΩ×2	1	Y
X1	RVCX39100N3R	Crystal	1	OX
X2	RVCX31100N3R	Crystal	1	OX
X3	RVCX27100N3R	Crystal	1	OX
X4	RVCX19100N3R	Crystal	1	OX
X5	RVCX5000N5Z	Crystal, 5MHz	1	OX
SPEAKER				
SP	EAS10P72S	Speaker, Imp.4Ω, 10cm(4"), PM Dynamic	1	OX
SWITCHES				
S11~S3-6	ESRK68S1	Switch, Band(SW2~7)	3	X
S4~1~S4-10	ESA121A410	Switch, Band(LW/FM/MW/SW1/SW2~7)	1	OX
S5~7,S8-1, S8-2,S9, S10-1,10-2	RSTX003Y-A	Switch, Light, Digital Display, Indicator, FM AFG/Band Width, MW ANL or AM Mode	2	X
S11	RST511YS-H	Switch, Power	1	X
S13-1, S13-2	RSS142	Switch, Radio/Phono	1	X
S14	RSR2A01Z-H	Switch, Voltage Selector	1	X
RESISTORS				
R7,14,25,46, 47,48,51,60, 216,228,237, 271,255,275, 281,321	ERD25TJ333	33KΩ, 1/4Watt, ±5%, Carbon	16	Z
R6,13,19,24, 32,33,34,42, 43,44,45,57, 59,170,205, 206,214,225, 229,238,242, 249,272,278, 332	ERD25TJ103	10KΩ, 1/4Watt, ±5%, Carbon	25	Z
R38,41,56,67, 233,309	ERD25TJ152	1.5KΩ, 1/4Watt, ±5%, Carbon	6	Z

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
R8,16,171, 172,173,174, 175,176,177, 246,259,304, 317	ERD25TJ471	470Ω, 1/4Watt, ±5%, Carbon	13	Z
R11,12,15,37, 58,167,204, 211,224,231, 244,245,258, 301,307,308, 314	ERD25TJ102	1KΩ, 1/4Watt, ±5%, Carbon	17	Z
R50,52,63,64, 202,219,248, 250,269	ERD25TJ472	4.7KΩ, 1/4Watt, ±5%, Carbon	9	Z
R39,40,53, R2,10,17,210, 217,230,234, 239,243,311, R4,18,61,69, 70,181	ERD25TJ182	1.8KΩ, 1/4Watt, ±5%, Carbon	3	Z
R28,31,164, 168,218,235, 273,276,277, 280,312	ERD25TJ681	680Ω, 1/4Watt, ±5%, Carbon	10	Z
R5,9,35,226, R36,209,236, 260	ERD25TJ101	100Ω, 1/4Watt, ±5%, Carbon	6	Z
R54,55,266, 302,305	ERD25TJ222	2.2KΩ, 1/4Watt, ±5%, Carbon	11	Z
R20,203, R21,23,267, R3,179,222, 223,227,271	ERD25TJ470	47Ω, 1/4Watt, ±5%, Carbon	4	Z
R22,166,213, 221,254,261, 268,316,323, R62,165,178, 220,240	ERD25TJ220	22Ω, 1/4Watt, ±5%, Carbon	4	Z
R215, R247,256,265,331	ERD25TJ332	33KΩ, 1/4Watt, ±5%, Carbon	5	Z
R207, R208,270,319, R257, R263, R163,303,322	ERD25TJ223	22KΩ, 1/4Watt, ±5%, Carbon	2	Z
R212,252	ERD25TJ684	680KΩ, 1/4Watt, ±5%, Carbon	3	Z
R215	ERD25TJ221	220Ω, 1/4Watt, ±5%, Carbon	6	Z
R207	ERD25TJ104	100KΩ, 1/4Watt, ±5%, Carbon	9	Z
R215	ERD25TJ331	330Ω, 1/4Watt, ±5%, Carbon	5	Z
R215	ERD25TJ682	6.8KΩ, 1/4Watt, ±5%, Carbon	2	Z
R207	ERD25TJ680	68Ω, 1/4Watt, ±5%, Carbon	1	Z
R207	ERD25TJ473	47KΩ, 1/4Watt, ±5%, Carbon	4	Z
R207	ERD25TJ105	1MΩ, 1/4Watt, ±5%, Carbon	1	Z
R207	ERD25TJ224	220KΩ, 1/4Watt, ±5%, Carbon	3	Z
R257	ERD25TJ474	470KΩ, 1/4Watt, ±5%, Carbon	1	Z
R263	ERD25TJ683	68KΩ, 1/4Watt, ±5%, Carbon	2	Z
R163,303,322	ERD25TJ822	8.2KΩ, 1/4Watt, ±5%, Carbon	1	Z
R251	ERD25TJ392	330KΩ, 1/4Watt, ±5%, Carbon	3	Z
R320	ERD25TJ562	5.6KΩ, 1/4Watt, ±5%, Carbon	1	Z
R279	ERD25TJ153	15KΩ, 1/4Watt, ±5%, Carbon	1	Z
R66	ERD25TJ470	47Ω, 1/4Watt, ±5%, Carbon	1	Z
R180	ERD25TJ390	39Ω, 1/4Watt, ±5%, Carbon	1	Z
R161	ERD25TJ124	120KΩ, 1/4Watt, ±5%, Carbon	1	Z
R162	ERD25TJ151	150Ω, 1/4Watt, ±5%, Carbon	1	Z
R169	ERD25TJ6R8	6.8Ω, 1/4Watt, ±5%, Carbon	1	Z
R68	ERX1ANJ100	10Ω, 1Watt, ±5%, Metal Oxide	1	Z

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
CAPACITORS				
C61.92	ECGD1H150KC	15PF, 50WV, ±10%, Ceramic	2	Z
C55.94, 106, 226	ECGD1H120KC	12PF, 50WV, ±10%, Ceramic	4	Z
C91	ECGD1H2R5C	2.5PF, 50WV, ±0.25PF, Ceramic	1	Z
C86.119, 228, 282	ECGD1H180KC	18PF, 50WV, ±10%, Ceramic	4	Z
C29.87	ECGD1H390KC	39PF, 50WV, ±10%, Ceramic	2	Z
C59.63, 95, 317	ECGD1H220KC	22PF, 50WV, ±10%, Ceramic	4	Z
C28.206, 251, 290	ECGD1H270KC	27PF, 50WV, ±10%, Ceramic	4	Z
C21.100, 208, 217, 234, 259	ECGD1H100KC	10PF, 50WV, ±10%, Ceramic	6	Z
C20.120, 242	ECGD1H050CC	5PF, 50WV, ±0.25PF, Ceramic	3	Z
C102	ECGD1H040C	4PF, 50WV, ±0.25PF, Ceramic	1	Z
C118, 231	ECGD1H030C	3PF, 50WV, ±0.25PF, Ceramic	2	Z
C30.31, 74, 81, 82, 293	ECGD1H330KC	33PF, 50WV, ±10%, Ceramic	6	Z
C71.72, 116, 265, 287	ECGD1H470KC	47PF, 50WV, ±10%, Ceramic	5	Z
C19.62, 238, 334	ECGD1H070DC	7PF, 50WV, ±0.5PF, Ceramic	4	Z
C58	ECGD1H3R5C	3.5PF, 50WV, ±0.25PF, Ceramic	1	Z
C114	ECGD1H101K	100PF, 50WV, ±10%, Ceramic	1	Z
C506	ECGD1H560KC	56PF, 50WV, ±10%, Ceramic	1	Z
C230, 261	ECGD1H390KC	39PF, 50WV, ±10%, Ceramic	2	Z
C224	ECGD1H120KW	12PF, 50WV, ±10%, Ceramic	1	Z
C209, 233	ECGD1H020C	2PF, 50WV, ±0.25PF, Ceramic	2	Z
C297, 303	ECGD1H331K	330PF, 50WV, ±10%, Ceramic	1	Z
C331	ECGD1H221K	220PF, 50WV, ±10%, Ceramic	2	Z
C161, 162, 163	ECGD1H223PF	0.022µF, 50WV, ±10%, Ceramic	3	Z
C170	ECGD1H680K	68PF, 50WV, ±10%, Ceramic	1	Z
C178, 298	ECGD1H181K	180PF, 50WV, ±10%, Ceramic	2	Z
C47, 49, 50, 52, 53, 56, 57, 73, 85, 93, 99, 109, 103, 246	ECGD1H103MD	0.01µF, 50WV, ±20%, Ceramic	18	Z
280, 279, 296, 333				
C67, 68, 69, 75, 77, 79, 96, 98, 107, 205, 239	ECKD1H103PF	0.01µF, 50WV, ±10%, Ceramic	22	Z
244, 247, 249				
252, 256, 271				
288, 320, 321				
351, 352				
C25, 26, 48, 51, 54, 80, 115, 117, 212, 220	ECKD1H223PF	0.022µF, 50WV, ±10%, Ceramic	2	○Z
223, 235, 254				
255, 262, 268				
269, 275, 292				
294				
C23, 24, 232, 295, 324	ECKD1H102MD	0.001µF, 50WV, ±20%, Ceramic	5	Z

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
C122, 177, 210	ECCKD1H223MD	0.022µF, 50WV, ±20%, Ceramic	3	Z
C123	ECCKD1H103MD	0.01µF, 50WV, ±20%, Ceramic	1	Z
C211, 243	ECCKD1H102PF	0.001µF, 50WV, ±10%, Ceramic	2	Z
C270	ECCKD1H472MD	0.0047µF, 50WV, ±20%, Ceramic	1	Z
C277, 284, 309	ECCKD1H682MD	0.0068µF, 50WV, ±20%, Ceramic	3	Z
C113	ECCKD1H222MD	0.0022µF, 50WV, ±20%, Ceramic	1	Z
C306, 328	ECCKD1H332MD	0.0033µF, 50WV, ±20%, Ceramic	2	Z
C42, 84, 273	ECMS05121JH	120PF, 50WV, ±5%, Mica	3	Z
C5, 64, 78	ECMS05101JH	100PF, 50WV, ±5%, Mica	3	Z
C76	ECMS05470JH	47PF, 50WV, ±5%, Mica	1	Z
C4, 41, 112	ECMS05181JH	180PF, 50WV, ±5%, Mica	3	Z
C6, 43, 111	ECMS05820JH	82PF, 50WV, ±5%, Mica	3	Z
C7, 44, 65, 66, 83	ECMS05680JH	68PF, 50WV, ±5%, Mica	5	Z
C8, 45	ECMS05560JH	56PF, 50WV, ±5%, Mica	2	Z
C274	ECMS05161JH	160PF, 50WV, ±5%, Mica	1	Z
C3, 40	ECQS05182JZ	1800PF, 50WV, ±5%, Styrol	2	Z
C503	ECQS05271KZ	270PF, 50WV, ±10%, Styrol	1	Z
C213	ECQS05122JZ	1200PF, 50WV, ±5%, Styrol	1	Z
C226	ECQS05392KZ	3900PF, 50WV, ±10%, Styrol	1	Z
C202, 203	ECQS05221JZ	220PF, 50WV, ±5%, Styrol	2	Z
C264	ECQS05471JZ	470PF, 50WV, ±5%, Styrol	1	Z
C169	ECQS05271JZ	270PF, 50WV, ±5%, Styrol	1	Z
C176, 283	ECFVD333MD	0.033µF, 25WV, ±20%, Semi-Conductor	2	Z
C241, 248, 250, 257, 278, 286, 305	ECFVD223MD	0.022µF, 25WV, ±20%, Semi-Conductor	7	Z
C272, 313	ECFVD103MD	0.01µF, 25WV, ±20%, Semi-Conductor	2	Z
C332	ECFVD683MD	0.068µF, 25WV, ±20%, Semi-Conductor	1	Z
C319	ECFVD104MD	0.1µF, 25WV, ±20%, Semi-Conductor	1	Z
C165, 168	ECFVD473MD	0.047µF, 25WV, ±20%, Semi-Conductor	2	Z
C316	ECET16R3300S	3300µF, 16WV, Electrolytic	1	Y
C2, 253, 267, 302, 315, 327, 329	ECEA16V10	10µF, 16WV, Electrolytic	7	Y
C121, 237, 276, 289, 308	ECEA10V100	100µF, 10WV, Electrolytic	5	Y
C97, 167, 325	ECEA16V470	470µF, 16WV, Electrolytic	3	Y
C291	ECEA50V2R2	2.2µF, 50WV, Electrolytic	1	Y
C236, 301	ECEA50ZR1	0.1µF, 50WV, Electrolytic	2	Y
C260, 281, 285, 312	ECEA35V4R7	4.7µF, 35WV, Electrolytic	4	Y
C204, 245, 304, 326	ECEA50V1	1µF, 50WV, Electrolytic	4	Y
C258, 323	ECEA16V47	47µF, 16WV, Electrolytic	2	Z
C172, 263, 322	ECEA16V33	33µF, 16WV, Electrolytic	3	Y
C314	ECEA16V220	220µF, 16WV, Electrolytic	1	Y
C307, 310, 311	ECEA50ZR22	0.22µF, 50WV, Electrolytic	3	Y
C166	ECEA6V220	220µF, 6.3WV, Electrolytic	1	Y
CABINET				
CA1	RYPF4800LBSX	Front Panel Assembly	1	OX
CA2	RYEJX4800N	Indicating Plate Assembly	1	OX
	RWBXJ4800N	Battery Case Assembly	1	OX

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
CA3	RJC505Z	Terminal Spring, Battery ⊖ Side	4	Y
CA4	RJT398A	Connecting Pipe, Terminal Spring	4	Z
	RJC111A	Terminal, Battery ⊕ Side	4	Y
	RYT1JX4800N	Knob Assembly, SW2~7 Tuning	1	OX
	RYT2JX4800N	Knob Assembly, SW1/MW/FM/LW Tuning	1	OX
CA5	RKF367Z	Cabinet Cover	1	OY
CA6	RKH5076Z	Handle, Cabinet	2	OZ
CA7	RKX125Z	Cover, Handle	4	OZ
CA8	RHG886Z	Rubber Cushion, Speaker	1	OZ
CA9	RBS103ZK	Knob, Band Selector	2	OY
CA10	RBE15Y	Knob, Power	1	OY
	RBN381Z	Knob, Volume, Bass, Treble, BFO Pitch Ant. Trim & AM RF Gain	6	OY
CA11	RKU267YS	Rear Panel	1	OZ
CA12	RGT576Y	Name Plate	1	OZ
CA13	RGT576W	Name Plate, for Italy	1	OZ
CA14	RHG309C	Rubber Leg (Large), Cabinet	2	Z
CA15	RHG325Z	Rubber Leg (Small), Cabinet	2	Z
CA16	RKK92Z	Cover, Battery Compartment	1	Y
CA17	RJS35A	Socket, FM Ant.	2	Y
CA18	RJS136Z-H	Socket, SW Ant.	1	Y
CA19	RJS258Y-R	Socket, SW Ant.	1	Y
CA20	RJS31-1	Socket, Din	1	Y
CA21	SMA205	Holder, Core Antenna	2	OY
	SMA207	Holder, Core Antenna	2	OY
	RBE4Y	Knob, SW2~7 Cal	1	Y
CA22	RHE5005A	Screw, Knob M'tg	1	Z
	XSB3+8BVS	Screw, Cabinet Cover M'tg	17	Z

CHASSIS

CH1	RS99ZS	Dial Mechanism Assembly	1	OX
CH2	BSRK68S1	Shaft, Switch (SW2~7)	1	OZ
CH3	RMC171Y	Shield Plate, IC1	1	Z
CH4	RHE37Z	Joint, Tuning Capacitor	1	OZ
CH5	RDE75ZS	Joint, Switch Shaft	1	Z
CH6	XXAR3H6S	Screw, Joint M'tg	8	Z
CH7	RJJ87Y-C	Jack, Rec. Out & EXT. EP.SP.	2	Y
CH8	RJJ82Z-C	Jack, Aux	1	Y
CH9	RJJ115Z-H	Jack, AC IN	1	Y
CH10	RJJ104Z-C	Jack, DC IN	1	Y
CH11	XBA2C12TRO	Fuse, 250V, 1.2A	1	X
CH12	RJF7A	Holder, Fuse	2	Z
CH13	XAMR48S100A	Pilot Lamp, 12V, 40mA	2	OX
CH14	XAMR48S250A	Pilot Lamp, 12V, 40mA	1	OX
	RDT9091Z	Shaft, Tuning	1	OZ
	RUM39Z	Bracket, Dial Scale	2	OZ
	RUM40Z	Bracket, Dial Scale	2	OZ
CH15	RDR20-3	Pulley (Small), Dial	7	Z
CH16	RDR23-1	Pulley (Large), Dial	4	Z
	RNW150-2	Washer, Pulley	11	Z
CH17	RDF903Z-K	Shaft, SW2~7 Switch	1	OY
CH18	RSM2617Z-K	Meter, Tune/Battery	1	OX
CH19	ESA23406	Shaft, Switch	1	OY

Ref. No.	Part No.	Part Name & Description	Per Set	Remarks
CH20	ESA20303B	Wire, Switch	1	OY
CH21	RKD456Y	Scale, SW2~7	1	OY
CH22	RKD455Y	Scale, SW1/MW/FM/LW	1	OY
CH23	RDP170Z	Pointer, Dial	2	OY
CH24	RDD4012Z	Drum, Dial (SW1/MW/FM/LW)	1	OZ
CH25	RDD441Z	Drum, Dial (SW2~7)	1	Z
CH26	RDD405Z	Cord, Dial	1	Z
CH27	RDS4060A	Spring, Drum (RDD4012Z)	1	Z
CH28	RDS3090A	Spring, Drum (RDD441Z)	1	Z
CH29	RBE17Z	Knob, Switch	6	Y
	XNS9FZ	Nut, SW Switch Shaft & Ant. Trim M'tg	2	Z
	XNS8	Nut, Volume, Bass, Treble & etc. M'tg	7	Z

ACCESSORIES

A1	QFC1062	Power Cord, AC	1	Y
A2	RSA204Z-M	FM Antenna	1	OY
A3	XEH15A1-B	Magnetic Earphone	1	Y
A4	RJP97Z	Plug, SW2~7 Antenna	1	OY
A5	RXEF4800LBSX	Antenna Plug Assembly	1	OY

PACKING MATERIALS

P1	RPN9243Z	Pad Complete	1	OZ
P2	(Not Available, Order RPN9243Z)	Pad, Left Side	(1)	
		Pad, Right Side	(1)	
P3	RPGL786Z	Packing Case	1	OZ
P3	RPGL1811Z	Packing Case, for Italy	1	OZ
P4	RQX6133Z	Instruction Book	1	OY

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PACKING MATERIALS & ACCESSORIES

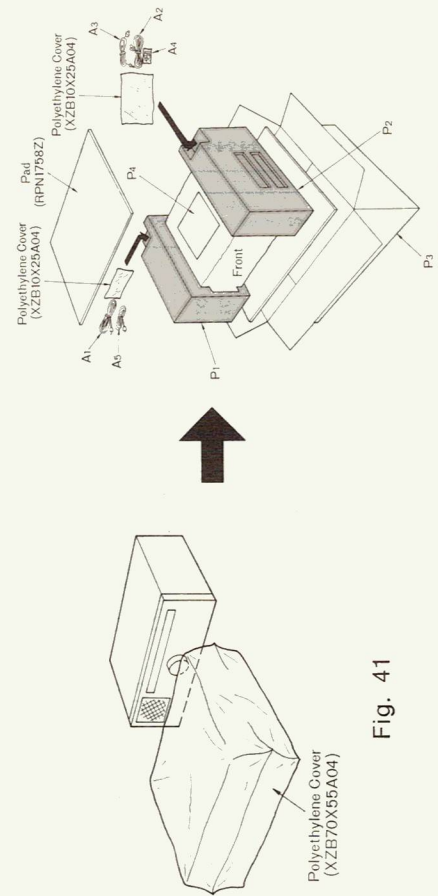


Fig. 41

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Fig. 42