

# aiwa



## CSD-ES227

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COMPACT DISC STEREO  
RADIO CASSETTE RECORDER

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• TYPE: HA

SIMPLE MANUAL

• Replace this Service Manual with "Revision Publishing" when it is issued.

SERVICE MANUAL

S/M Code No. 09-993-403-4T5

# ELECTRICAL MAIN PARTS LIST - 1/4

NOTE: The characters in the suffix column indicate the part usage.

HA	REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
HA			XX		A
			KANRI		
C	505	87-010-497-040	0E	CAP,E 4.7-35 GAS	A
C	509	87-010-498-040	0E	CAP,E 10-16 GAS	A
C	507	87-010-555-040	0E	CAP,E 100-10 GAS	A
C	502	87-018-059-080	0E	CAP TC-S 22P-50CH	A
C	501	87-018-059-080	0E	CAP TC-S 22P-50CH	A
C	503	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	508	87-018-209-080	0E	CAP, CER 0.1-50V	A
C	506	87-018-209-080	0E	CAP, CER 0.1-50V	A
C	512	87-010-497-040	0E	CAP,E 4.7-35 GAS	A
C	511	87-015-684-040	0E	CAP,E 47-16 7L	A
C	510	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	514	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	513	87-018-209-080	0E	CAP, CER 0.1-50V	A
CN	501	87-099-755-010	0E	CONN,14P H 9604	A
D	508	87-070-345-080	0E	DIODE,IN4148	A
D	507	87-070-345-080	0E	DIODE,IN4148	A
D	502	87-070-345-080	0E	DIODE,IN4148	A
D	501	87-070-345-080	0E	DIODE,IN4148	A
D	504	87-070-345-080	0E	DIODE,IN4148	A
D	509	87-070-345-080	0E	DIODE,IN4148	A
D	506	87-070-345-080	0E	DIODE,IN4148	A
D	505	87-070-345-080	0E	DIODE,IN4148	A
D	503	87-A40-430-080	0E	ZENER,HZS2C2	A
D	510	87-070-345-080	0E	DIODE,IN4148	A
IC	501	86-CD9-601-080	1F	IC,LC6543F-4H30	A
L	501	87-003-098-080	0E	COIL,2.2UH	A
LED	501	88-CD9-627-010		LED,SA36-11HWA 3.0	A
LED	503	8Z-CD9-613-010		LED,L-34HDSL	A
LED	502	8Z-CD9-614-010		LED,L-34GDSL	A
Q	502	87-026-216-080	0E	TR,DTA124ES	A
Q	501	87-026-291-080	1A	TR,DTC124XS	A
Q	503	89-318-155-080	0E	TR,2SC1815 (0.4W)	A
S	501	87-A90-164-080	0E	SW,TACT SKQAB(N)	A
S	502	87-A90-164-080	0E	SW,TACT SKQAB(N)	A
S	503	87-A90-164-080	0E	SW,TACT SKQAB(N)	A
S	504	87-A90-164-080	0E	SW,TACT SKQAB(N)	A
S	505	87-A90-164-080	0E	SW,TACT SKQAB(N)	A
X	501	87-A70-047-080		VIB,CER 4MHZ EFOEC4004T4	A
C	603	87-010-248-080	0E	CAP, ELECT 220-10V	A
C	602	87-010-376-080	1A	CAP,E 2200-10 M SME	A
C	605	87-010-384-080	0E	CAP, ELECT 100-25V	A
C	606	87-010-390-010	1B	CAP,E 3300-25 SME	A
C	604	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	608	87-018-205-080	0E	CAP, CERA-SOL 0.022	A
C	609	87-018-205-080	0E	CAP, CERA-SOL 0.022	A
C	607	87-018-205-080	0E	CAP, CERA-SOL 0.022	A
C	601	87-018-209-080	0E	CAP, CER 0.1-50V	A
C	610	87-018-205-080	0E	CAP, CERA-SOL 0.022	A
CN	502	8Z-CD9-629-010		CONN,2P V 53014MOLEX	A
CN	603	8Z-CD9-630-010		CONN,2P V 5267MOLEX	A
CN	602	8Z-CD9-631-010		CONN,4P V 5267MOLEX	A
D	604	87-070-345-080	0E	DIODE,IN4148	A
D	601	87-070-345-080	0E	DIODE,IN4148	A
D	606	87-070-345-080	0E	DIODE,IN4148	A
D	602	87-070-345-080	0E	DIODE,IN4148	A
D	603	87-A40-346-080	0E	ZENER,MTZJ 8.2C	A
D	608	88-CD9-651-090		DIODE,J05	A
D	607	88-CD9-651-090		DIODE,J05	A
D	609	88-CD9-651-090		DIODE,J05	A
D	611	87-001-783-080	0E	DIODE,1N4002	A
D	610	88-CD9-651-090		DIODE,J05	A
F	601	87-A90-429-080	1A	FUSE,1.25A 125V A 251	A
L	601	87-003-098-080	0E	COIL,2.2UH	A
Q	603	87-026-216-080	0E	TR,DTA124ES	A
Q	602	87-026-447-080	0E	TR,2SC1740S R	A
Q	601	87-A30-167-010	1A	TR,2SB1566E	A
C	206	87-010-221-080	0E	CAP, ELECT 470-10V	A
C	205	87-010-236-080	0E	CAP,E 1000-10 SME	A
C	203	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	201	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	202	87-010-544-080	0E	CAP, ELECT 0.1-50V	A
C	204	87-018-131-080	0E	CAP, CER 1000P-50V	A
C	209	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	208	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	207	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	213	87-010-380-080	0E	CAP, ELECT 47-16V	A
C	211	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	212	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	214	87-010-402-080	0E	CAP, ELECT 2.2-50V	A
C	210	87-018-134-080	0E	CAPACITOR,TC-U 0.01-16	A
C	251	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	253	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	252	87-010-544-080	0E	CAP, ELECT 0.1-50V	A
C	262	87-010-401-080	0E	CAP, ELECT 1-50V	A
C	304	87-010-404-080	0E	CAP, ELECT 4.7-50V	A
C	309	87-010-404-080	0E	CAP, ELECT 4.7-50V	A

ELECTRICAL MAIN PARTS LIST - 2/4

C	306	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	302	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	305	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	303	87-018-132-080	OE	CAP, CER 2200P-16V	A.....
C	301	87-018-133-080	OE	CAPACITOR, CER 4700P-16V	A.....
C	312	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	319	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	311	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	310	87-010-263-080	OE	CAP, ELECT 100-10V	A.....
C	314	87-018-125-080	OE	CAP, CER 330P-50V	A.....
C	315	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	313	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	320	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	354	87-010-404-080	OE	CAP, ELECT 4.7-50V	A.....
C	359	87-010-404-080	OE	CAP, ELECT 4.7-50V	A.....
C	356	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	352	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	355	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	353	87-018-132-080	OE	CAP, CER 2200P-16V	A.....
C	351	87-018-133-080	OE	CAPACITOR, CER 4700P-16V	A.....
C	408	87-010-101-080	OE	CAP, ELECT 220-16	A.....
C	407	87-010-101-080	OE	CAP, ELECT 220-16	A.....
C	405	87-010-112-080	OE	CAP, ELECT 100-16V	A.....
C	406	87-010-235-080	OE	CAP, E 470-16 SME	A.....
C	408	87-010-235-080	OE	CAP, E 470-16 SME	A.....
C	403	87-010-401-080	OE	CAP, ELECT 1-50V	A.....
C	404	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	401	87-018-202-080	OE	CAP, CERAM.6800PF	A.....
C	401	87-018-203-080	OE	CAP, CER 8200P-16V	A.....
C	410	87-010-384-080	OE	CAP, ELECT 100-25V	A.....
C	411	87-010-404-080	OE	CAP, ELECT 4.7-50V	A.....
C	412	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	457	87-010-101-080	OE	CAP, ELECT 220-16	A.....
C	458	87-010-101-080	OE	CAP, ELECT 220-16	A.....
C	455	87-010-112-080	OE	CAP, ELECT 100-16V	A.....
C	458	87-010-235-080	OE	CAP, E 470-16 SME	A.....
C	453	87-010-401-080	OE	CAP, ELECT 1-50V	A.....
C	454	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	451	87-018-202-080	OE	CAP, CERAM.6800PF	A.....
C	451	87-018-203-080	OE	CAP, CER 8200P-16V	A.....
CN	301	8Z-CD9-631-010		CONN, 4P V 5267MOLEX	A.....
CN	402	8Z-CD9-631-010		CONN, 4P V 5267MOLEX	A.....
CN	401	8Z-CD9-633-010		CONN, 9P V 53014MOLEX	A.....
CNA	401	8Z-CD9-623-010		CONN ASSY, 9P VOLUME	A.....
D	302	87-070-345-080	OE	DIODE, IN4148	A.....
D	304	87-070-345-080	OE	DIODE, IN4148	A.....
D	303	87-070-345-080	OE	DIODE, IN4148	A.....
D	301	87-070-345-080	OE	DIODE, IN4148	A.....
D	305	87-070-345-080	OE	DIODE, IN4148	A.....
IC	201	87-A20-946-040	1D	C-IC, MM1434XF	A.....
IC	301	87-027-761-010	1B	IC, AN7310	A.....
IC	401	87-CD7-602-010	1B	IC, TA8227P	A.....
J	401	87-009-216-010	1A	JACK, DIA 3.5	A.....
L	301	87-CD8-605-010	OE	COIL, OSC BIAS 4A363R	A.....
L	401	87-003-098-080	OE	COIL, 2.2UH	A.....
Q	201	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	251	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	305	87-026-447-080	OE	TR, 2SC1740S R	A.....
Q	301	89-109-521-080	OE	TR, 2SA952 (0.6W)	A.....
Q	302	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	304	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	303	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	401	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
Q	451	89-318-155-080	OE	TR, 2SC1815 (0.4W)	A.....
S	201	87-A90-009-010	1B	SW, PUSH 6-2-1 SPPH23	A.....
S	302	8Z-CD9-607-010		SW, SL 2-4-3 SK43D01G4	A.....
S	301	8Z-CD9-609-010		SW, SL 1-6-2 PS62D01	A.....
VR	402	8Z-CD9-610-010		VR, RTRY 50KBX2 H RK14K12C MAIN	A.....
VR	401	8Z-CD9-611-010		VR, RTRY 50KDX2 H RK14K123 TONE	A.....
C	6	87-010-378-080	OE	CAP, ELECT 10-16V	A.....
C	8	87-018-132-080	OE	CAP, CER 2200P-16V	A.....
C	9	87-018-147-080	OE	CAP, TC-U 10P-50 CH	A.....
C	9	87-018-161-080	OE	TC CAP 12P	A.....
C	7	87-018-208-080	OE	CAP 0.047-50F	A.....
C	1	87-A11-073-080	OE	CAP, TC U 22P-50 J CH	A.....
C	3	87-A11-073-080	OE	CAP, TC U 22P-50 J CH	A.....
C	2	87-A11-076-080	OE	CAP, TC U 33P-50 J CH	A.....
C	3	87-A11-078-080	OE	CAP, TC U 39P-50 J CH	A.....
C	2	87-A11-080-080	OE	CAP, TC U 47P-50 J CH	A.....
C	14	87-010-400-080	OE	CAP, ELECT 0.47-50V	A.....
C	19	87-010-544-080	OE	CAP, ELECT 0.1-50V	A.....
C	17	87-010-544-080	OE	CAP, ELECT 0.1-50V	A.....
C	16	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	10	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	15	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	13	87-018-142-080	OE	CAP, TC-U 3.9P-50 CH	A.....
C	11	87-018-147-080	OE	CAP, TC-U 10P-50 CH	A.....
C	18	87-018-205-080	OE	CAP, CERA-SOL 0.022	A.....
C	12	87-A11-073-080	OE	CAP, TC U 22P-50 J CH	A.....
C	20	87-010-400-080	OE	CAP, ELECT 0.47-50V	A.....
C	21	87-010-403-080	OE	CAP, ELECT 3.3-50V	A.....
C	27	87-010-545-080	OE	CAP, ELECT 0.22-50V	A.....

ELECTRICAL MAIN PARTS LIST - 3/4

C	26	87-010-545-080	OE	CAP, ELECT 0.22-50V	A.....
C	24	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	22	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	25	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	24	87-018-202-080	OE	CAP.CERAM.6800PF	.....
C	25	87-018-202-080	OE	CAP.CERAM.6800PF	.....
C	28	87-018-208-080	OE	CAP 0.047-50F	A.....
C	29	87-018-208-080	OE	CAP 0.047-50F	A.....
C	30	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	31	87-010-379-080	OE	CAP, ELECT 22-16V	A.....
C	37	87-018-122-080	OE	CAP 180P-50 B	A.....
C	32	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	33	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	34	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	35	87-A11-073-080	OE	CAP,TC U 22P-50 J CH	.....
C	38	87-A11-080-080	OE	CAP,TC U 47P-50 J CH	A.....
C	38	87-A11-084-080	OE	CAP,TC U 68P-50 J CH	.....
C	38	87-A11-086-080	OE	CAP,TC U 82P-50 J CH	.....
C	37	87-A11-088-080	OE	CAP,TC U 100P-50 J CH	.....
C	44	87-018-122-080	OE	CAP 180P-50 B	.....
C	44	87-018-123-080	OE	CAP, CER 220P-50V	.....
C	46	87-018-128-080	OE	CAP, CERA-SOL SS 560P	.....
C	45	87-018-131-080	OE	CAP, CER 1000P-50V	.....
C	41	87-A11-080-080	OE	CAP,TC U 47P-50 J CH	.....
C	56	87-018-132-080	OE	CAP, CER 2200P-16V	.....
C	51	87-018-132-080	OE	CAP, CER 2200P-16V	.....
C	54	87-018-132-080	OE	CAP, CER 2200P-16V	.....
C	55	87-018-132-080	OE	CAP, CER 2200P-16V	.....
C	57	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	.....
C	52	87-A11-080-080	OE	CAP,TC U 47P-50 J CH	.....
C	63	87-018-209-080	OE	CAP, CER 0.1-50V	.....
CF	3	82-785-747-080	1A	CF,MS2 GHY,R	A.....
CF	2	82-785-747-080	1A	CF,MS2 GHY,R	A.....
CF	1	87-A90-128-010	OE	FLTR,AM IF CFAL-455	A.....
D	4	87-020-465-080	OE	DIODE,1SS133 (110MA)	A.....
D	2	87-020-465-080	OE	DIODE,1SS133 (110MA)	A.....
D	1	87-020-465-080	OE	DIODE,1SS133 (110MA)	A.....
D	3	87-A40-226-080	OE	VARI-CAP,SVC251SPA	A.....
D	52	84-RM2-626-010	OE	DIODE,1SS277	.....
D	56	84-RM2-626-010	OE	DIODE,1SS277	.....
D	53	84-RM2-626-010	OE	DIODE,1SS277	.....
D	51	84-RM2-626-010	OE	DIODE,1SS277	.....
D	54	87-020-465-080	OE	DIODE,1SS133 (110MA)	.....
IC	1	87-A20-955-010	1C	IC,LA1828	A.....
L	9	87-A50-334-010	1A	COIL,FM DET (TOKO)	A.....
L	8	87-A50-335-010	1A	COIL,FM IFT (TOKO)	A.....
L	7	87-A50-336-010	1A	COIL,AM IFT (TOKO)	A.....
L	6	87-A50-337-010	1A	COIL,AM OSC (TOKO)	A.....
L	5	87-A50-342-010	OE	COIL,FM OSC D	.....
L	5	87-A50-343-010	OE	COIL,FM OSC EX	A.....
L	4	87-A50-345-010	OE	COIL,FM RF EX	A.....
L	2	87-A50-346-010	OE	COIL,FM BPF D	.....
L	2	87-A50-347-010	OE	COIL,FM BPF EX	A.....
L	3	87-A50-348-010	OE	COIL,BAR ANT LW/MW (COI)	.....
L	3	87-A50-349-010	OE	COIL,BAR ANT AMW (COI)	A.....
L	3	87-A50-350-010	OE	COIL,BAR ANT AMN (COI)	.....
L	3	87-A50-448-010	OE	COIL,BAR ANT MW HE (COI)	.....
L	5	87-A50-449-010	OE	COIL,FM OSC U	.....
L	5	87-A50-457-010	OE	COIL,FM OSC F2V	.....
L	4	87-A50-458-010	OE	COIL,FM RF V	.....
L	10	87-003-102-080	OE	COIL, 10UH	A.....
L	16	87-A50-339-010	OE	COIL,LW OSC (TOKO)	.....
L	17	87-A50-340-010	OE	COIL,SW OSC (TOKO)	.....
L	11	87-A50-341-010	OE	COIL,SW ANT (TOKO)	.....
L	41	87-003-143-080	OE	COIL 4.7 UH	.....
L	54	87-003-383-010	1A	COIL,1UH-S	.....
L	51	87-A50-347-010	OE	COIL,FM BPF EX	.....
L	53	87-A50-456-010	OE	COIL,FM OSC F1V	.....
L	52	87-A50-458-010	OE	COIL,FM RF V	.....
Q	3	87-026-215-080	OE	TR,DTC114YS	A.....
Q	2	87-026-572-080	OE	TR,DTA114TS	A.....
Q	4	89-109-521-080	OE	TR,2SA952 (0.6W)	.....
Q	1	89-319-233-080	OE	TR,2SC1923 (0.1W)	A.....
SW	1	8Z-CD9-607-010	SW,SL 2-4-3	SK43D01G4	.....
SW	1	8Z-CD9-640-010	SW,SL 2-4-2	SK42H01G4	A.....
TC	6	87-011-220-080	1A	TRIMMER CAP 20P VTC	.....
TC	5	87-011-221-080	1A	CAP, TRIMMER 30P	.....
TC	51	87-011-221-080	1A	CAP, TRIMMER 30P	.....
TC	53	87-011-221-080	1A	CAP, TRIMMER 30P	.....
VC	1	87-A90-983-010	OE	TUN-CAP,40P-140P AL-D (TOKO)	.....
VC	1	87-A90-984-010	OE	TUN-CAP,20P-160P AL-U (TOKO)	A.....
VC	1	87-A90-985-010	OE	TUN-CAP,20P-335P L-H (TOKO)	.....
VC	1	87-A90-986-010	OE	TUN-CAP,20P-140P L-E (TOKO)	.....
C	708	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	706	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	709	87-010-263-080	OE	CAP, ELECT 100-10V	A.....
C	703	87-010-374-080	OE	CAP, ELECT 47-10V	A.....
C	701	87-010-406-080	OE	CAP, ELECT 22-50	A.....
C	704	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	702	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	707	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....
C	705	87-018-134-080	OE	CAPACITOR,TC-U 0.01-16	A.....

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C	715	87-010-374-080	OE	CAP, ELECT 47-10V	A.....
C	710	87-010-401-080	OE	CAP, ELECT 1-50V	A.....
C	713	87-010-405-080	OE	CAP, ELECT 10-50V	A.....
C	716	87-010-546-080	OE	CAP, ELECT 0.33-50V	A.....
C	717	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	714	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	712	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	726	87-010-248-080	OE	CAP, ELECT 220-10V	A.....
C	725	87-010-401-080	OE	CAP, ELECT 1-50V	A.....
C	729	87-018-129-080	OE	CAP, CER 680P-50V	A.....
C	724	87-018-205-080	OE	CAP, CERA-SOL 0.022	A.....
C	735	87-010-379-080	OE	CAP, ELECT 22-16V	A.....
C	732	87-010-401-080	OE	CAP, ELECT 1-50V	A.....
C	734	87-010-403-080	OE	CAP, ELECT 3.3-50V	A.....
C	737	87-010-404-080	OE	CAP, ELECT 4.7-50V	A.....
C	731	87-018-127-080	OE	CAP, CER 470P-50V	A.....
C	739	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	736	87-018-133-080	OE	CAPACITOR, CER 4700P-16V	A.....
C	730	87-018-199-080	OE	CAP, CER 3300P	A.....
C	748	87-010-545-080	OE	CAP, ELECT 0.22-50V	A.....
C	744	87-018-111-080	OE	CAP, CERA-SOL SS 27P	A.....
C	749	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	747	87-018-121-080	OE	CAP, CER 150P-50V	A.....
C	740	87-018-140-080	OE	CAP, TC-U 2.2P-50 CH	A.....
C	741	87-018-150-080	OE	CAP, TC-U 18P-50 CH	A.....
C	743	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	748	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	757	87-010-263-080	OE	CAP, ELECT 100-10V	A.....
C	755	87-018-109-080	OE	CAP, CER 22P-50V	A.....
C	756	87-018-109-080	OE	CAP, CER 22P-50V	A.....
C	750	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	752	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	753	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	754	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	751	87-018-119-080	OE	CAP, CER 100P-50V	A.....
C	759	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	758	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	766	87-010-221-080	OE	CAP, ELECT 470-10V	A.....
C	769	87-010-263-080	OE	CAP, ELECT 100-10V	A.....
C	764	87-010-263-080	OE	CAP, ELECT 100-10V	A.....
C	761	87-010-370-080	OE	CAP, E 330-6.3 SME	A.....
C	760	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	765	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	768	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	763	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	762	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	779	87-010-221-080	OE	CAP, ELECT 470-10V	A.....
C	775	87-010-221-080	OE	CAP, ELECT 470-10V	A.....
C	774	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	772	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	770	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	778	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	773	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	784	87-010-221-080	OE	CAP, ELECT 470-10V	A.....
C	782	87-010-405-080	OE	CAP, ELECT 10-50V	A.....
C	780	87-010-405-080	OE	CAP, ELECT 10-50V	A.....
C	788	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
C	783	87-018-132-080	OE	CAP, CER 2200P-16V	A.....
C	781	87-018-132-080	OE	CAP, CER 2200P-16V	A.....
C	785	87-018-134-080	OE	CAPACITOR, TC-U 0.01-16	A.....
C	788	87-018-209-080	OE	CAP, CER 0.1-50V	A.....
C	790	87-018-131-080	OE	CAP, CER 1000P-50V	A.....
CN	704	87-A60-054-010	OE	CONN, 14P V 9604S-14C	A.....
CN	701	87-A60-465-010	OE	CONN, 16P V TOC-B-G2	A.....
CN	703	8Z-CD9-629-010		CONN, 2P V 53014MOLEX	A.....
CNA	702	8Z-CD9-616-010		CONN ASSY, 6P CD MOTER	A.....
D	704	87-070-345-080	OE	DIODE, IN4148	A.....
D	706	87-070-345-080	OE	DIODE, IN4148	A.....
D	702	87-070-345-080	OE	DIODE, IN4148	A.....
D	707	87-070-345-080	OE	DIODE, IN4148	A.....
D	701	87-070-345-080	OE	DIODE, IN4148	A.....
D	703	87-070-345-080	OE	DIODE, IN4148	A.....
D	705	87-070-345-080	OE	DIODE, IN4148	A.....
D	708	87-070-345-080	OE	DIODE, IN4148	A.....
IC	701	87-A20-446-010	1E	C-IC, LA9241ML	A.....
IC	702	87-A20-459-010	2A	C-IC, LC78622ED	A.....
IC	703	87-A20-856-010	1D	IC, BA6898S	A.....
L	702	87-003-098-080	OE	COIL, 2.2UH	A.....
L	705	87-003-098-080	OE	COIL, 2.2UH	A.....
L	701	87-003-102-080	OE	COIL, 10UH	A.....
Q	704	87-026-291-080	1A	TR, DTC124XS	A.....
Q	701	87-A30-015-080	OE	TR, 2SA1317TU	A.....
Q	703	89-112-965-080	OE	TR, 2SA1296 (0.75W)	A.....
Q	702	89-112-965-080	OE	TR, 2SA1296 (0.75W)	A.....
S	303	8Z-CD9-608-010		SW, SL 2-2-3 SK23D02G6	A.....
X	701	81-592-641-080	1A	CERALOCK 16.93MHZ	A.....



## MECHANICAL PARTS LIST - 2/2

*		8Z-CD9-211-010	PLATE, REC	A.....
		87-481-073-410	0E VWS+2.6-6	A.....
		87-641-095-410	0E UT1+3-8	A.....
		87-641-096-410	0E UT1+3-10 GLD	A.....
		87-644-096-410	UT1+3-10 CR	A.....
		87-651-035-410	0E VT1 2-6 GLD	A.....
		87-651-075-410	0E VT1 +2.6-10	A.....
		87-661-095-410	0E VFT1+3-8	A.....
*		87-264-096-410	V+3-10 CR	A.....
*		87-571-033-410	0E TAPPING SCREW, VIT+2-4	A.....
*		87-581-033-410	UIT+2-4	A.....
*		87-581-096-410	0E UIT +3-10	A.....
*		87-621-072-410	QT1+2.6-5	A.....
*		87-641-100-410	UT1+3-16	A.....
*		87-641-104-410	UT1+3-30	A.....
		81-590-677-010	1A SWITCH LEAF	A.....
		87-043-116-010	1C ANT, WHIP	A.....
		87-A90-146-010	0E SW,SL 1-1-2	A.....
		8Z-CD9-627-010	FF-CABLE, 14P 1.25 230MM MICOM	A.....
		8Z-CD9-641-010	PT, EZ	.....
J	601	87-A60-179-010	1A JACK, AC D W/SW	.....
J	601	8Z-CD9-635-010	JACK, AC E BLK W/SW	A.....
J	601	8Z-CD9-636-010	JACK, AC U BLK W/SW	.....
PT	601	8Z-CD9-637-010	PT, U	.....
PT	601	8Z-CD9-638-010	PT, D	.....
PT	601	8Z-CD9-639-010	PT, HR	A.....
SP	401	88-CD5-603-010	SPKR, 10 7OHM	A.....
SP	451	88-CD5-603-010	SPKR, 10 7OHM	A.....
W	701	8Z-CD9-628-010	FF-CABLE, 16P 1.0 110MM PICK-U	A.....

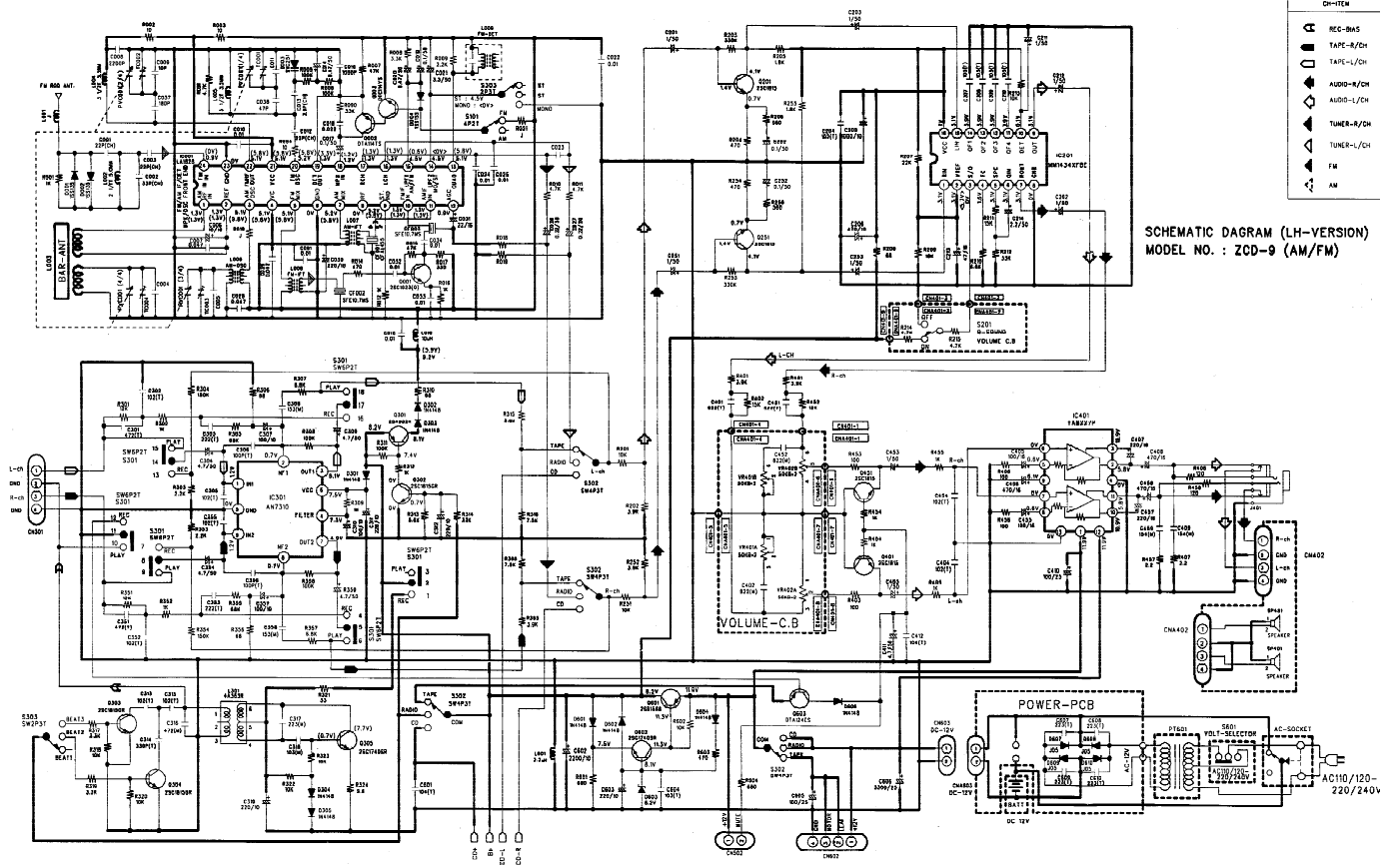
# ACCESSORIES / PACKAGE LIST - 1/1

NOTE: The characters in the suffix column indicate the part usage.

REF.NO	PARTS NO.	NO.	DESCRIPTION	SUFFIX
HA		XX		A
		KANRI		
	8Z-CD9-901-010		IB,D(J)B	.
	8Z-CD9-905-010		IB,ESF	.
	8Z-CD9-906-110		IB,LH(ESP)	A
	8Z-CD9-907-010		IB,HE(ECA)B	.
	8Z-CD9-908-010		IB,EZ(9L)B	.
	8Z-CD9-909-010		IB,K(E)B	.
	8Z-CD9-910-010		IB,V(ER)B	.
	8Z-CD9-918-010		IB,EZ(9L)B217	.
	8Z-CD9-921-010		IB,D(J)217B	.
	87-099-726-010		PLUG,ADPTR CONV(K)	.
	87-A80-033-010	1C	AC CORD SET,D BLK	.
	87-A80-081-010	1C	AC CORD SET ASSY,EZ BLK	.
	87-A80-109-010	1C	AC CORD,HK7281 BLK U	.
	87-A80-119-010	1C	AC CORD SET ASSY,AZ	A
	87-A90-312-010		PLUG,CONVERSION WTN-1157R1	.



SCHEMATIC DIAGRAM - 1 (MAIN)



- CH-ITEM
- REC-BUS
  - TAPE-R/CH
  - TAPE-L/CH
  - ◇ AUDIO-R/CH
  - ◇ AUDIO-L/CH
  - △ TUNER-R/CH
  - △ TUNER-L/CH
  - FM
  - ▲ AM

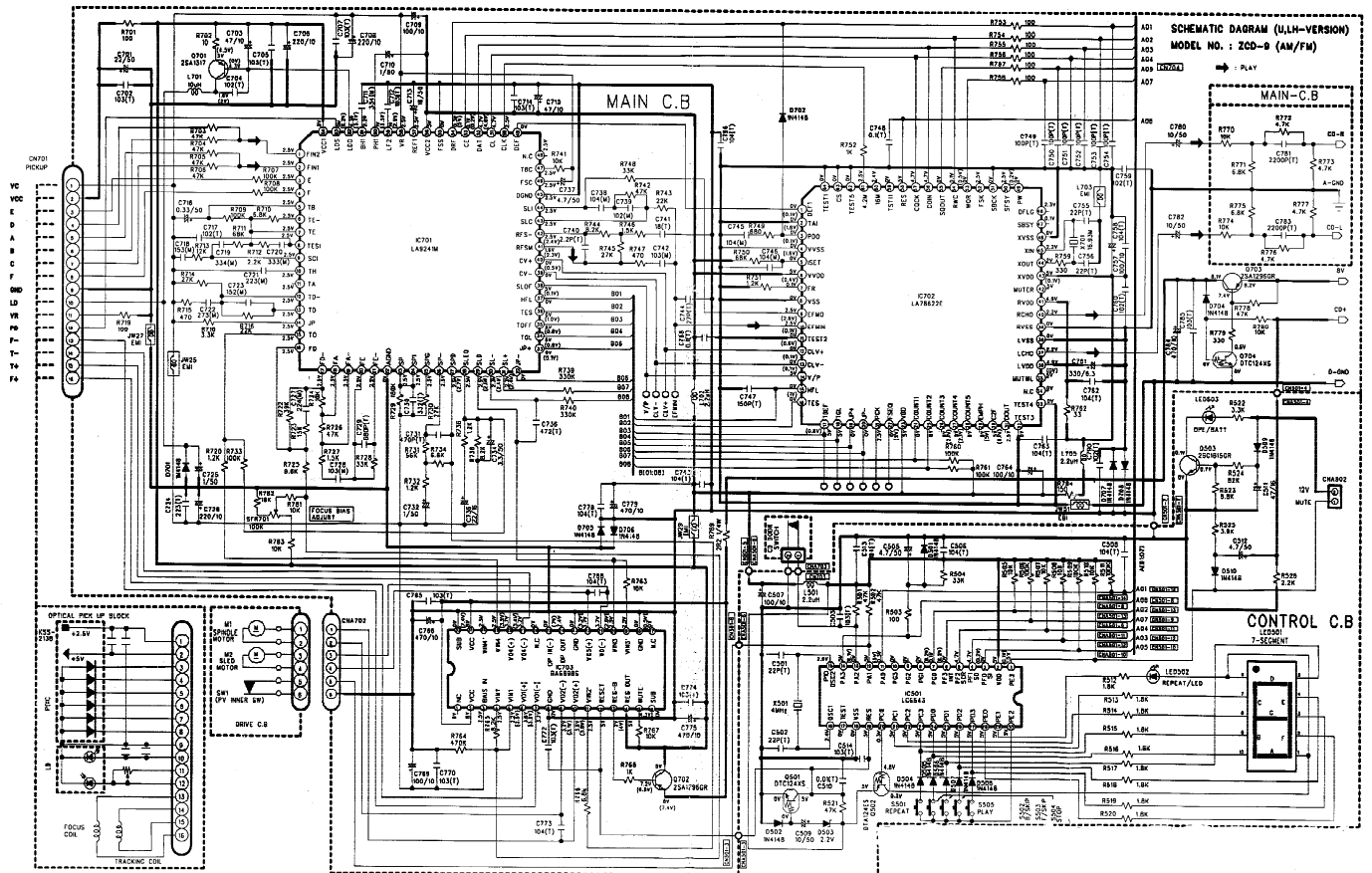
SCHEMATIC DIAGRAM (LH-VERSION)  
MODEL NO. : ZCD-9 (AM/FM)

NOTE)  
(M) POLYESTER CONDENSER  
(T) TUBULAR CONDENSER

UNIT)  
RESISTOR : Ohm  
CONDENSER : F

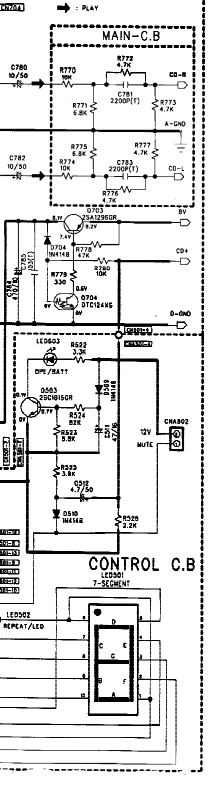
( ) : AM, TAPE REC VOLT  
( ) : FM, TAPE VOLT  
( ) : FM ST/MOND, Q-SOUND VOLT

SCHEMATIC DIAGRAM - 2 (MAIN CD / CONTROL)



NOTE (M) : POLYESTER CONDENSER (T) : TUBULAR CONDENSER UNIT CONDENSER : F RESISTOR : Ohm ( ) : PLAY

SCHEMATIC DIAGRAM (ULM-VERSION) MODEL NO. : ZCD-9 (AM/FM)





サービス技術ニュース	
番号	連絡内容
G-	-
G-	-
G-	-

**アイワ株式会社**  
**AIWA CO.,LTD.**

9420208

Tokyo Japan

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