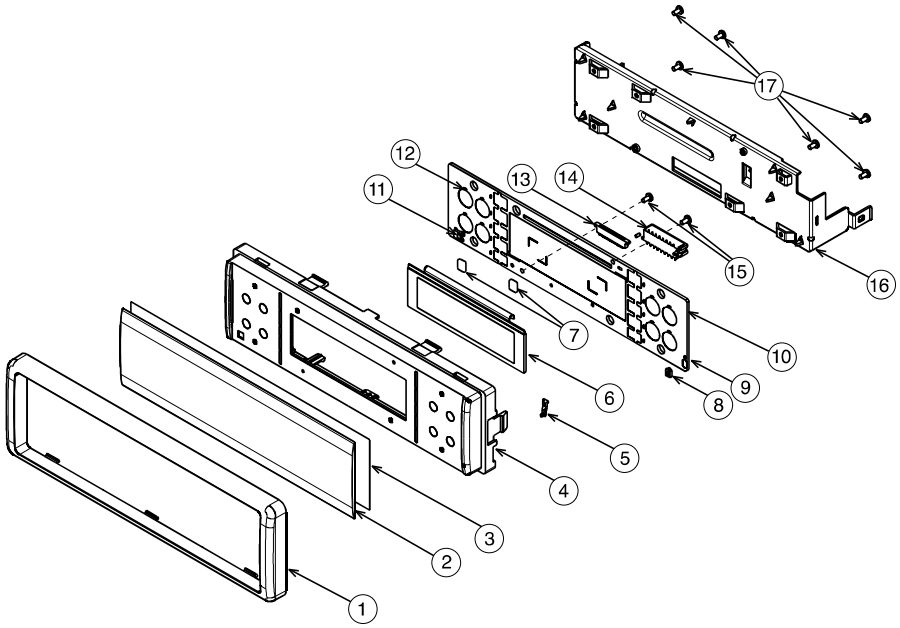
EXPLODED VIEW / PART LIST

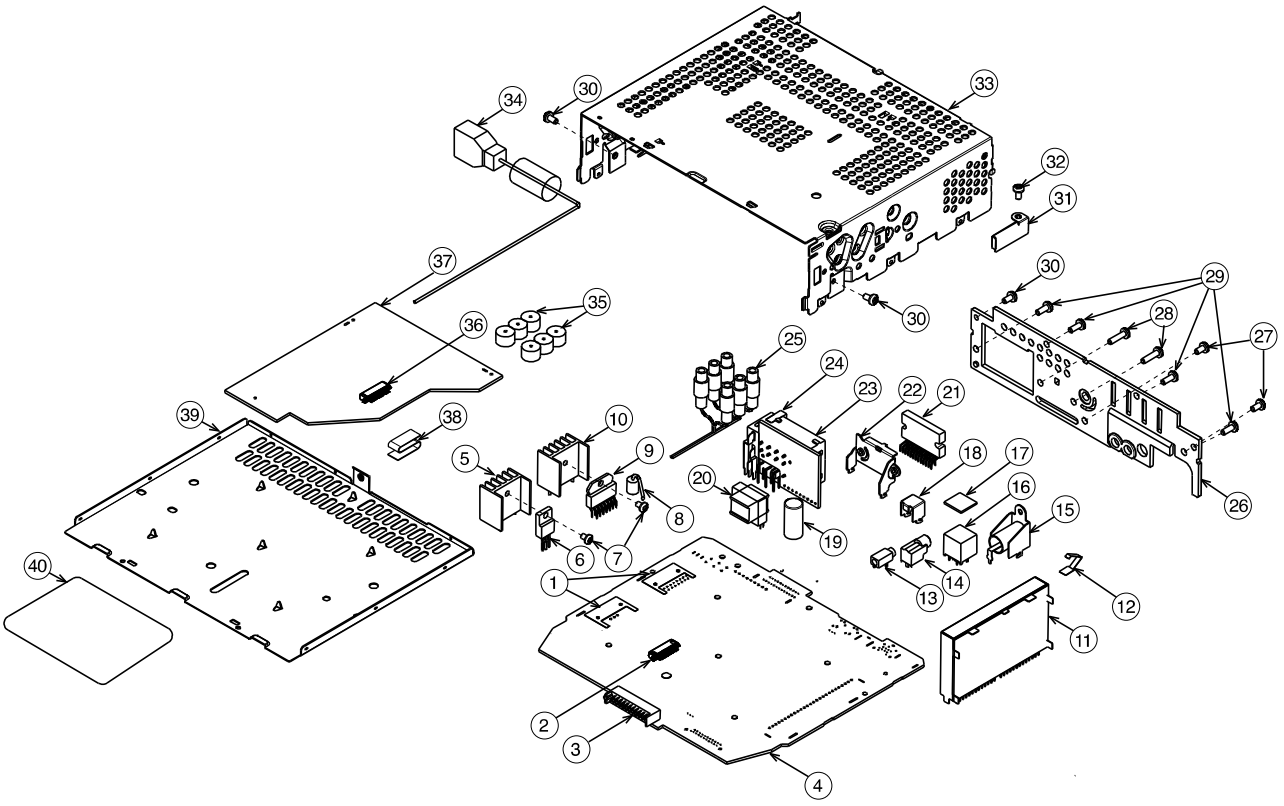
Escutcheon section



No.	PART No.	DESCRIPTION	Q'TY
1	371-5905-00	TRIM PLATE	1
2	373-1187-60	DIAL COVER	1
3	347-8619-00	DOUBLE FACE	1
4	370-6437-00	ESCUTCHEON	1
5	335-8622-00	BUTTON RESET	1
6	379-0477-00	OLED	1
7	347-8620-00	DOUBLE FACE	2
8	013-6318-50	RESET SWITCH	1
9	001-7820-91	DIODE	1

No.	PART No.	DESCRIPTION	Q'TY
10	039-3408-00	SWITCH PWB	1
11	060-4017-90	IC-RECEIVER	1
12	001-7833-90	DIODE	18
13	074-9033-00	FPC CONNECTOR	1
14	074-1105-22	OUTLET SOCKET	1
15	716-3668-00	SPECIAL SCREW (M1.7X3.5)	2
16	331-4761-00	REAR PLATE	1
17	716-3667-00	SPECIAL SCREW (M2X4.5)	6

Main section



No.	PART No.	DESCRIPTION	Q'TY
1	340-4418-10	SPACER	2
2	074-9032-00	FPC CONNECTOR	1
3	076-0515-22	22PIN PLUG	1
4	----------	MAIN PWB	1
5	313-1956-02	IC HEAT SINK	1
6	051-3561-00	IC	1
7	714-3004-89	MC SCREW (M3X4)	2
8	001-0592-61	DIODE	1
9	051-3349-00	POWER IC	1
10	313-1956-01	IC HEAT SINK	1
11	941-0227-02	TUNER	1
12	331-1861-21	EARTH PLATE	1
13	075-9015-00	MONO JACK	1
14	075-0393-50	REMO-CON JACK	1
15	092-4000-51	ANT RECEPT	15
16	074-1194-00	CE-NET CONNECTOR	1
17	345-6320-00	CUSHION	1
18	331-4533-00	JACK HOLDER	1
19	042-1545-00	ECAP	1
20	009-9006-60	CHOKE COIL	1

No.	PART No.	DESCRIPTION	Q'TY
21	051-2069-00	IC	1
22	313-2035-00	IC HOLDER	1
23	039-3146-00	ISO PWB	1
24	074-1285-03	OUTER SOCKET	1
25	855-5569-60	RCA CABLE	1
26	313-2068-02	HEAT SINK	1
27	714-3006-8B	MC SCREW (M3X6)	2
28	731-3012-8B	TAPTIGHT(M3X12)	2
29	731-3008-8B	TAPTIGHT(M3X12)	4
30	731-3006-8B	TAPTIGHT(M3X6)	3
31	331-2744-00	STOPPER	1
32	731-3005-8B	TAPTIGHT(M3X5)	1
33	310-1872-01	UPPER CASE	1
34	855-0642-50	USB CABLE	1
35	345-3799-0L	RCA RUBBER	6
36	074-9032-00	FPC CONNECTOR	1
37	----------	USB-PWB	1
38	816-3037-60	FLAT WIRE	1
39	311-1848-08	LOWER CASE	1
40	276-0593-00	SETPLATE	1

ELECTRICAL PARTS LIST

Main PWB (B1) section

REF No.	PART No.	DESCRIPTION
ANT201	092-4000-51	ANT REP
B300	060-8097-90	PKM13EPYH4000
BL1	941-0235-00	Tuner
C102	166-1011-50	50V 100pF
C103	168-1022-55	50V 1000pF
C105	042-0650-01	5.5V 2.2uF
C106	168-1022-55	50V 1000pF
C107	168-1032-55	50V 0.01uF
C108	042-1721-90	16V 220uF
C109	168-1032-55	50V 0.01uF
C111	168-4732-55	50V 0.047uF
C112	166-1501-50	50V 15pF
C113	042-4019-90	25V 33uF
C114	166-4711-50	50V 470pF
C115	168-1042-78	50V 0.1uF
C116	166-1011-50	50V 100pF
C117	163-1063-35	16V 10uF
C118	168-1042-78	50V 0.1uF
C120	042-1721-90	16V 220uF
C121	168-1042-78	50V 0.1uF
C122	163-1073-35	16V 100uF
C123	168-1042-78	50V 0.1uF
C124	163-1073-35	16V 100uF
C125	168-1042-78	50V 0.1uF
C126	168-1042-78	50V 0.1uF
C127	163-1063-35	16V 10uF
C128	166-2201-50	50V 22pf
C129	166-1801-50	50V 18pF
C135	163-1063-35	16V 10uF
C155	163-1063-35	16V 10uF
C156	168-1042-78	50V 0.1uF
C161	163-2253-65	50V 2.2uF
C162	166-1011-50	50V 100pF
C163	163-1053-65	50V 1uF
C168	042-4018-90	10V 1000uF
C184	163-1063-35	16V 10uF
C185	163-1073-35	16V 100uF
C191	168-1042-78	50V 0.1uF
C192	163-1073-35	16V 100uF
C194	166-1011-50	50V 100pF
C195	163-2253-65	50V 2.2uF
C196	163-1053-65	50V 1uF
C197	163-1073-35	16V 100uF
C198	163-1073-35	16V 100uF
C199	168-1042-78	50V 0.1uF
C202	166-4701-50	50V 47pF
C203	168-2732-55	50V 0.027uF
C204	168-2732-55	50V 0.027uF
C207	166-1011-50	50V 100pF
C209	163-1073-35	16V 100uF
C210	163-1073-35	16V 100uF
C211	168-1042-78	50V 0.1uF
C212	168-1042-78	50V 0.1uF
C213	163-1073-35	16V 100uF
C214	168-1042-78	50V 0.1uF
C217	163-4763-15	6.3V 47uF
C218	166-1011-50	50V 100pF
C219	168-1042-78	50V 0.1uF
C222	163-1053-65	50V 1uF
C224	163-1073-35	16V 100uF
C225	166-1011-50	50V 100pF
C227	168-1042-78	50V 0.1uF
C228	166-2201-50	50V 22pf
C229	166-3311-50	50V 330pf
C241	166-3301-50	50V 33pF
C242	166-1011-50	50V 100pF
C243	168-4722-55	50V 4700pF
C249	166-2201-50	50V 22pf
C250	163-4763-35	16V 47uF
C251	166-1011-50	50V 100pF
C301	168-4722-55	50V 4700pF
C302	168-4722-55	50V 4700pF
C303	168-4732-55	50V 0.047uF
C305	163-1063-35	16V 10uF
C306	163-1063-35	16V 10uF
C307	163-1063-35	16V 10uF
C308	163-1063-35	16V 10uF
C309	163-1063-35	16V 10uF
C310	163-1063-35	16V 10uF
C311	163-1063-35	16V 10uF
C312	163-1063-35	16V 10uF
C313	163-1053-65	50V 1uF
C314	163-1053-65	50V 1uF
C315	163-1053-65	50V 1uF
C316	163-1053-65	50V 1uF
C317	168-1042-78	50V 0.1uF
C318	168-1042-78	50V 0.1uF
C319	168-1042-78	50V 0.1uF
C320	168-1042-78	50V 0.1uF
C323	163-4763-15	6.3V 47uF
C324	168-1042-78	50V 0.1uF
C325	168-1042-78	50V 0.1uF
C326	163-1063-35	16V 10uF
C327	168-1042-78	50V 0.1uF
C331	163-4763-15	6.3V 47uF
C333	163-4763-35	16V 47uF
C334	168-1042-78	50V 0.1uF
C335	163-1053-65	50V 1uF
C336	163-1053-65	50V 1uF
C337	163-1053-65	50V 1uF
C338	166-1011-50	50V 100pF
C339	166-1011-50	50V 100pF
C340	163-1053-65	50V 1uF
C341	166-1011-50	50V 100pF
C342	166-1011-50	50V 100pF
C343	168-1022-55	50V 1000pF
C344	166-1011-50	50V 100pF
C345	166-1011-50	50V 100pF
C371	163-4763-15	6.3V 47uF
C372	168-1032-55	50V 0.01uF
C373	168-1032-55	50V 0.01uF
C401	166-1011-50	50V 100pF
C402	166-1011-50	50V 100pF
C403	166-1011-50	50V 100pF
C404	166-1011-50	50V 100pF
C413	178-2255-79	25V 2.2uF
C414	178-2255-79	25V 2.2uF
C415	178-2255-79	25V 2.2uF
C416	178-2255-79	25V 2.2uF
C427	163-2263-35	16V 22uF
C435	168-4745-78	50V 0.47uF
C437	163-1063-35	16V 10uF
C438	163-1063-35	16V 10uF
C439	163-1063-35	16V 10uF
C440	163-1063-35	16V 10uF
C441	163-1063-35	16V 10uF
C442	163-1053-65	50V 1uF
C443	163-1063-35	16V 10uF
C445	172-1042-15T	50V 0.1uF
C446	189-2283-32	16V 2200uF
C456	168-4722-55	50V 4700pF
D101	001-1310-00	KDS160
D104	117-0000-05	1/8W 0 ohm
D105	001-1310-00	KDS160S
D106	001-1310-00	KDS160
D107	001-4312-26	02DZ4.7Y
D109	001-2418-90	GN1G
D110	001-2418-90	GN1G
D111	001-1310-00	KDS160
D112	001-1310-00	KDS160S
D151	001-1310-00	KDS160S
D152	001-4312-41	02DZ7.5Y
D153	001-4322-51	BZX384-C15
D154	001-4312-23	02DZ4.3Y
D155	001-4312-32	02DZ5.6Y
D156	001-4312-32	02DZ5.6Y
D157	001-4312-26	02DZ4.7Y
D159	001-4312-50	02DZ10Y
D161	001-1310-00	KDS160
D162	001-1310-00	KDS160
D164	001-1310-00	KDS160
D165	001-4312-32	02DZ5.6Y
D166	001-1310-00	KDS160
D301	001-4312-23	02DZ4.3Y
D302	001-9401-90	HSM198S
D401	001-4312-44	02DZ8.2Y
D402	001-1310-00	KDS160
D403	001-1310-00	KDS160
D405	001-2418-90	GN1G
D406	001-0592-61	1N5404
D441	001-1310-00	KDS160
IC4	051-3535-90	MM3144ANR
IC102	051-5438-08	S-80830CN
IC103	051-5437-38	R3111N211A
IC104	051-6600-90	LA2335M

REF No.	PART No.	DESCRIPTION
IC105	051-3349-00	HA13166
IC107	051-9433-90	24LC256SN
IC109	052-3802-00	M3087LFYBGP
IC110	051-3561-00	TS7805
IC112	051-3535-90	MM3144ANR
IC203	051-6201-90	LC72146M
IC301	051-0350-93	NJM14558M
IC302	051-0350-93	NJM14558M
IC303	051-5048-90	NJM1222
IC304	051-7206-58	MM74HC00
IC402	051-2069-00	LA47202
J2	074-9032-00	CONNECTOR
		22 Pin
J3	075-0393-50	REMO-CON-JACK
J102	074-1194-00	CENet
		CONNECTOR
J304	075-9015-00	MONO JACK
J500	855-5569-60	CONNECTOR
		8 Pin
J702	076-0515-22	CONNECTOR
		22 Pin
J901	54-8500A-H	ISO CONNECTOR
JW1	060-0108-90	JUMPER
L101	119-0000-05	1/16W 0 ohm
L102	117-0000-05	1/8W 0 ohm
L103	119-0000-05	1/16W 0 ohm
L104	119-0000-05	1/16W 0 ohm
L105	119-0000-05	1/16W 0 ohm
L106	119-0000-05	1/16W 0 ohm
L107	119-0000-05	1/16W 0 ohm
L108	119-0000-05	1/16W 0 ohm
L109	119-0000-05	1/16W 0 ohm
L110	119-0000-05	1/16W 0 ohm
L111	117-0000-05	1/8W 0 ohm
L201	010-2003-04	COIL
L202	010-3105-67	COIL
L203	010-3105-67	COIL
L204	010-3407-78	220uH
L206	010-3434-90	5.6uH
L207	117-0000-05	1/8W 0 ohm
L302	117-0000-05	1/8W 0 ohm
L303	119-0000-05	1/16W 0 ohm
L304	119-0000-05	1/16W 0 ohm
L305	119-0000-05	1/16W 0 ohm
L306	117-0000-05	1/8W 0 ohm
L307	119-0000-05	1/16W 0 ohm
L308	119-000-05	1/16W 0 ohm
Q1	125-4010-90	KTC3875
Q101	125-4017-90	KTC4378
Q104	125-3004-90	KTA1504S
Q105	125-3011-90	KTA1663
Q106	125-3011-90	KTA1663
Q107	125-2199-92	KRC102S
Q108	125-4017-90	KTC4378
Q109	125-2199-92	KRC102S
Q110	125-2199-92	KRC102S
Q114	125-4010-90	KTC3875

REF No.	PART No.	DESCRIPTION
Q115	125-0199-93	KRA103S
Q117	125-2199-93	KRC103S
Q121	125-2199-93	KRC103S
Q123	125-9026-90	IMF29
Q151	125-4010-90	KTC3875
Q152	125-0199-92	KRA102S
Q153	125-4010-90	KTC3875
Q154	125-0199-92	KRA102S
Q155	125-4017-90	KTC4378
Q158	125-4029-90	PBSS3011NZ
Q159	125-4029-90	PBSS3011NZ
Q160	125-0199-92	KRA102S
Q169	125-4017-90	KTC4378
Q173	125-4029-90	PBSS3011NZ
Q201	125-0199-93	KRA103S
Q202	125-0199-93	KRA103S
Q208	125-4017-90	KTC4378
Q403	125-4010-90	KTC3875
Q404	125-2199-96	KRC106S
Q409	125-0199-96	KRA106S
Q410	125-4010-90	KTC3875
Q411	125-4010-90	KTC3875
Q412	125-4010-90	KTC3875
Q413	125-4010-90	KTC3875
Q414	125-2198-90	KRC110S
Q415	125-4010-90	KTC3875
Q416	125-4010-90	KTC3875
R100	119-4721-15	1/16W 4.7K ohm
R101	119-4721-15	1/16W 4.7K ohm
R104	119-1031-15	1/16W 10K ohm
R105	119-1041-15	1/16W 100K ohm
R106	119-1031-15	1/16W 10K ohm
R108	119-4721-15	1/16W 4.7K ohm
R109	119-0000-05	1/16W 0 ohm
R110	119-1031-15	1/16W 10K ohm
R111	119-1031-15	1/16W 10K ohm
R112	119-1011-15	1/16W 100 ohm
R124	119-1031-15	1/16W 10K ohm
R125	119-2231-15	1/16W 22K ohm
R126	119-2241-15	1/16W 220K ohm
R127	119-2241-15	1/16W 220K ohm
R131	119-1031-15	1/16W 10K ohm
R134	119-1031-15	1/16W 10K ohm
R136	119-4721-15	1/16W 4.7K ohm
R137	119-1031-15	1/16W 10K ohm
R138	119-4731-15	1/16W 47K ohm
R143	119-2231-15	1/16W 22K ohm
R144	116-4721-15	1/4W 4.7K ohm
R145	119-1521-15	1/16W 1.5K ohm
R146	119-3311-15	1/16W 330 ohm
R149	119-1031-15	1/16W 10K ohm
R150	119-0000-05	1/16W 0 ohm
R151	119-5621-15	1/16W 5.6K ohm
R152	119-1041-15	1/16W 100K ohm
R154	116-1521-15	1/4W 1.5K ohm
R155	119-1521-15	1/16W 1.5K ohm
R156	119-2741-15	1/16W 270K ohm

REF No.	PART No.	DESCRIPTION
R158	116-6801-15	1/4W 68 ohm
R159	119-0000-05	1/16W 0 ohm
R161	119-3321-15	1/16W 3.3K ohm
R162	119-6811-15	1/16W 680 ohm
R163	119-1021-15	1/16W 1K ohm
R164	119-3321-15	1/16W 3.3K ohm
R165	119-1821-15	1/16W 1.8K ohm
R166	119-4731-15	1/16W 47K ohm
R167	119-1041-15	1/16W 100K ohm
R168	119-1031-15	1/16W 10K ohm
R169	116-5611-15	1/4W 560 ohm
R171	119-2221-15	1/16W 2.2K ohm
R172	119-1031-15	1/16W 10K ohm
R173	119-4721-15	1/16W 4.7K ohm
R174	119-1031-15	1/16W 10K ohm
R175	119-1041-15	1/16W 100K ohm
R176	119-6831-15	1/16W 68K ohm
R177	119-3311-15	1/16W 330 ohm
R178	119-3921-15	1/16W 3.9K ohm
R179	119-2221-15	1/16W 2.2K ohm
R180	119-1021-15	1/16W 1K ohm
R181	119-1021-15	1/16W 1K ohm
R182	119-1021-15	1/16W 1K ohm
R183	119-1021-15	1/16W 1K ohm
R184	119-1021-15	1/16W 1K ohm
R185	119-1021-15	1/16W 1K ohm
R186	119-1021-15	1/16W 1K ohm
R187	119-1021-15	1/16W 1K ohm
R188	119-1021-15	1/16W 1K ohm
R189	119-4731-15	1/16W 47K ohm
R190	119-1231-15	1/16W 12K ohm
R191	119-1231-15	1/16W 12K ohm
R195	119-1231-15	1/16W 12K ohm
R196	119-1011-15	1/16W 100 ohm
R197	119-1011-15	1/16W 100 ohm
R198	119-0000-05	1/16W 0 ohm
R199	119-0000-05	1/16W 0 ohm
R200	119-1031-15	1/16W 10K ohm
R209	119-2211-15	1/16W 220 ohm
R210	119-2221-15	1/16W 2.2K ohm
R212	119-0000-05	1/16W 0 ohm
R215	119-6821-15	1/16W 6.8K ohm
R216	119-1041-15	1/16W 100K ohm
R217	119-0000-05	1/16W 0 ohm
R218	119-2221-15	1/16W 2.2K ohm
R219	119-0000-05	1/16W 0 ohm
R221	119-5631-15	1/16W 56K ohm
R230	119-1031-15	1/16W 10K ohm
R233	119-4721-15	1/16W 4.7K ohm
R236	119-3311-15	1/16W 330 ohm
R238	119-0000-05	1/16W 0 ohm
R240	119-1021-15	1/16W 1K ohm
R241	119-2711-15	1/16W 270 ohm
R242	119-2221-15	1/16W 2.2K ohm
R249	119-4741-15	1/16W 470K ohm
R250	119-0000-05	1/16W 0 ohm
R256	119-0000-05	1/16W 0 ohm

REF No.	PART No.	DESCRIPTION
R301	119-1041-15	1/16W 100K ohm
R302	119-1041-15	1/16W 100K ohm
R307	119-4731-15	1/16W 47K ohm
R308	119-4731-15	1/16W 47K ohm
R309	119-5131-15	1/16W 51K ohm
R310	119-4731-15	1/16W 47K ohm
R311	119-5131-15	1/16W 51K ohm
R312	119-5131-15	1/16W 51K ohm
R313	119-5131-15	1/16W 51K ohm
R314	119-4731-15	1/16W 47K ohm
R315	119-1531-15	1/16W 15K ohm
R316	119-4731-15	1/16W 47K ohm
R317	119-4731-15	1/16W 47K ohm
R318	119-1531-15	1/16W 15K ohm
R319	119-4731-15	1/16W 47K ohm
R320	119-1531-15	1/16W 15K ohm
R321	119-1531-15	1/16W 15K ohm
R322	119-4731-15	1/16W 47K ohm
R323	119-3311-15	1/16W 330 ohm
R324	119-1011-15	1/16W 100 ohm
R325	119-1011-15	1/16W 100 ohm
R326	119-1011-15	1/16W 100 ohm
R327	119-1011-15	1/16W 100 ohm
R328	119-1011-15	1/16W 100 ohm
R329	119-1011-15	1/16W 100 ohm
R338	119-1021-15	1/16W 1K ohm
R339	119-1021-15	1/16W 1K ohm
R345	119-1021-15	1/16W 1K ohm
R361	119-0000-05	1/16W 0 ohm
R362	119-0000-05	1/16W 0 ohm
R363	119-0000-05	1/16W 0 ohm
R364	119-0000-05	1/16W 0 ohm

REF No.	PART No.	DESCRIPTION
R371	119-0000-05	1/16W 0 ohm
R372	119-1051-15	1/16W 1M ohm
R373	119-1241-15	1/16W 120K ohm
R374	119-1021-15	1/16W 1K ohm
R375	119-1021-15	1/16W 1K ohm
R401	119-0000-05	1/16W 0 ohm
R402	119-0000-05	1/16W 0 ohm
R403	119-0000-05	1/16W 0 ohm
R404	119-0000-05	1/16W 0 ohm
R408	119-4721-15	1/16W 4.7K ohm
R409	119-1021-15	1/16W 1K ohm
R410	119-1021-15	1/16W 1K ohm
R411	119-4711-15	1/16W 470 ohm
R412	119-2231-15	1/16W 22K ohm
R413	119-4721-15	1/16W 4.7K ohm
R415	119-0000-05	1/16W 0 ohm
R417	119-1031-15	1/16W 10K ohm
R446	119-1031-15	1/16W 10K ohm
R448	119-2231-15	1/16W 22K ohm
R449	119-2231-15	1/16W 22K ohm
R450	119-2231-15	1/16W 22K ohm
R451	119-2231-15	1/16W 22K ohm
R452	119-3311-15	1/16W 330 ohm
R453	119-3311-15	1/16W 330 ohm
R454	119-3311-15	1/16W 330 ohm
R455	119-3311-15	1/16W 330 ohm
R456	119-3311-15	1/16W 330 ohm
R457	119-3311-15	1/16W 330 ohm
R458	119-1021-15	1/16W 1K ohm
R459	119-1021-15	1/16W 1K ohm
R460	119-4721-15	1/16W 4.7K ohm
R461	116-6831-15	1/4W 68K ohm

REF No.	PART No.	DESCRIPTION
R462	119-1041-15	1/16W 100K ohm
R463	119-2231-15	1/16W 22K ohm
R464	119-2231-15	1/16W 22K ohm
R465	119-1021-15	1/16W 1K ohm
R470	119-0000-05	1/16W 0 ohm
R471	119-0000-05	1/16W 0 ohm
R472	119-0000-05	1/16W 0 ohm
R473	119-0000-05	1/16W 0 ohm
R566	119-0000-05	1/16W 0 ohm
R567	119-0000-05	1/16W 0 ohm
R568	119-0000-05	1/16W 0 ohm
R569	119-0000-05	1/16W 0 ohm
R575	119-0000-05	1/16W 0 ohm
R577	119-0000-05	1/16W 0 ohm
R580	119-0000-05	1/16W 0 ohm
R583	119-0000-05	1/16W 0 ohm
R584	119-0000-05	1/16W 0 ohm
R585	119-0000-05	1/16W 0 ohm
R586	119-0000-05	1/16W 0 ohm
R587	119-0000-05	1/16W 0 ohm
R588	119-0000-05	1/16W 0 ohm
R589	119-0000-05	1/16W 0 ohm
R590	119-0000-05	1/16W 0 ohm
SUP202	060-0122-20	SURGE PROTECTOR
T101	009-9006-60	CHOKE COIL
X101	061-9022-00	10MHz
X202	061-9021-00	7.2MHz
PWB	039-3407-01	PWB (WITHOUT COMPONENT)

Switch PWB (B2) section

REF No.	PART No.	DESCRIPTION
C1	168-1042-78	50V 0.1pF
C2	168-1042-78	50V 0.1pF
C10	166-1596-50	50V 1.5pF
C11	166-1096-50	50V 1pF
C12	166-1096-50	50V 1pF
C13	166-1596-50	50V 1.5pF
C15	166-1096-50	50V 1pF
C16	166-1596-50	50V 1.5pF
C17	166-1096-50	50V 1pF
C19	166-3096-50	50V 3pF
C20	178-1055-79	25V 1uF
C21	178-1055-79	25V 1uF
C22	166-1096-50	50V 1pF
C23	166-1096-50	50V 1pF
C24	166-1096-50	50V 1pF
C25	166-1596-50	50V 1.5pF
C27	166-1096-50	50V 1pF
C28	166-1596-50	50V 1.5pF
C29	166-1096-50	50V 1pF
C31	166-3096-50	50V 3pF
C32	178-1055-79	25V 1uF
C33	178-1055-79	25V 1uF
C34	178-1055-79	25V 1uF

REF No.	PART No.	DESCRIPTION
C40	168-1042-78	50V 0.1pF
C41	168-1042-78	50V 0.1pF
C60	168-1042-78	50V 0.1pF
C61	042-0671-00	16V 4.7uF
C62	042-0671-00	16V 4.7uF
C63	168-1042-78	50V 0.1pF
C64	042-0671-00	16V 4.7uF
C65	042-0671-00	16V 4.7uF
C66	042-0671-00	16V 4.7uF
C67	178-1055-79	25V 1uF
D1	001-7833-90	LED
D2	001-7833-90	LED
D3	001-7833-90	LED
D4	001-7833-90	LED
D5	001-7833-90	LED
D6	001-7833-90	LED
D7	001-7833-90	LED
D8	001-7833-90	LED
D9	001-7833-90	LED
D11	001-4312-29	02DZ5.1Y
D40	001-7833-90	LED
D41	001-7833-90	LED
D42	001-7833-90	LED

REF No.	PART No.	DESCRIPTION
D43	001-7833-90	LED
D44	001-7833-90	LED
D45	001-7833-90	LED
D46	001-7833-90	LED
D47	001-7833-90	LED
D48	001-7833-90	LED
D49	001-7820-91	LED
IC1	051-6102-90	PCA9532B
IC2	051-6932-90	ATA2508DA-24
IC3	051-6932-90	ATA2508DA-24
IC4	051-6102-90	PCA9532B
IC5	051-7222-58	74HC1G08GV
IR1	060-4017-90	LED
J1	074-1105-22	CONNECTOR 22 Pin
J2	074-9033-00	CONNECTOR 34 Pin
L1	010-3103-64	1K ohm/100Mhz
L2	010-3103-64	1K ohm/100Mhz
L3	010-3103-64	1K ohm/100Mhz
L4	010-2285-57	1K ohm/100Mhz
Q1	125-2199-93	KRC103
Q2	125-2199-93	KRC103

REF No.	PART No.	DESCRIPTION
R1	119-1811-15	1/16W 180 ohm
R2	119-1811-15	1/16W 180 ohm
R3	119-1811-15	1/16W 180 ohm
R4	119-1811-15	1/16W 180 ohm
R5	119-1811-15	1/16W 180 ohm
R6	119-1811-15	1/16W 180 ohm
R7	119-1811-15	1/16W 180 ohm
R8	119-1811-15	1/16W 180 ohm
R9	119-1811-15	1/16W 180 ohm
R11	032-0150-54	1/10W 1K ohm
R12	032-0150-54	1/10W 1K ohm
R13	032-0150-54	1/10W 1K ohm
R14	119-0000-05	1/16W 0 ohm
R21	119-0000-05	1/16W 0 ohm
R22	119-1011-15	1/16W 100 ohm
R23	119-1011-15	1/16W 100 ohm

REF No.	PART No.	DESCRIPTION
R24	119-2221-15	1/16W 2.2K ohm
R25	119-2221-15	1/16W 2.2K ohm
R26	119-1041-15	1/16W 100K ohm
R27	119-1041-15	1/16W 100K ohm
R40	119-1811-15	1/16W 180 ohm
R41	119-1811-15	1/16W 180 ohm
R42	119-1811-15	1/16W 180 ohm
R43	119-1811-15	1/16W 180 ohm
R44	119-1811-15	1/16W 180 ohm
R45	119-1811-15	1/16W 180 ohm
R46	119-1811-15	1/16W 180 ohm
R47	119-1811-15	1/16W 180 ohm
R48	119-1811-15	1/16W 180 ohm
R50	032-0150-54	1/10W 1K ohm
R51	032-0150-54	1/10W 1K ohm
R52	119-0000-05	1/16W 0 ohm

REF No.	PART No.	DESCRIPTION
R53	119-3911-15	1/16W 390 ohm
R55	119-0000-05	1/16W 0 ohm
R56	032-0150-54	1/10W 1K ohm
R60	119-2251-15	1/16W 2.2M ohm
R62	119-0000-05	1/16W 0 ohm
R70	119-1021-15	1/16W 1K ohm
R71	119-1021-15	1/16W 1K ohm
R72	119-1021-15	1/16W 1K ohm
R73	119-1021-15	1/16W 1K ohm
R74	119-1021-15	1/16W 1K ohm
R78	119-1011-15	1/16W 100 ohm
R81	119-1021-15	1/16W 1K ohm
R82	119-1021-15	1/16W 1K ohm
S1	013-6318-50	LED
PWB	039-3408-00	PWB (WITHOUT COMPONENT)

Sub Board PWB (B3) section

REF No.	PART No.	DESCRIPTION
C2	168-1042-78	50V 0.1uF
C3	043-0552-90	CERAMIC CHIP CAP
C10	042-0652-53	10V 10uF
C14	168-1042-78	50V 0.1uF
C17	042-0423-21	10V 22uF
C24	166-1007-50	50V 10pF
C25	166-1007-50	50V 10pF
C26	168-1042-78	50V 0.1uF
C27	168-2222-55	50v 2200pF
C28	168-1042-78	50V 0.1uF
C32	168-1042-78	50V 0.1uF
C34	168-1042-78	50V 0.1uF
C42	168-1042-78	50V 0.1uF
C43	168-1042-78	50V 0.1uF
C44	168-1032-55	50V 0.01uF
C56	168-1042-78	50V 0.1uF
C64	168-1042-78	50V 0.1uF
C65	042-0652-53	10V 10uF
C66	168-1042-78	50V 0.1uF
C67	168-1042-78	50V 0.1uF
C68	168-1042-78	50V 0.1uF
C71	043-0552-90	CERAMIC CHIP CAP
C73	168-1042-78	50V 0.1uF
C74	168-1042-78	50V 0.1uF
C77	163-4763-15	6.3V 47uF
C78	168-1042-78	50V 0.1uF
C79	168-1042-78	50V 0.1uF
C80	168-1042-78	50V 0.1uF
C81	168-1042-78	50V 0.1uF
C82	168-1042-78	50V 0.1uF
C83	168-1042-78	50V 0.1uF
C90	168-1032-55	50V 0.01uF
C91	042-0652-53	10V 10uF
C92	042-0652-53	10V 10uF
C93	166-1007-50	50V 10pF
C94	166-1007-50	50V 10pF
C97	168-1042-78	50V 0.1uF

REF No.	PART No.	DESCRIPTION
C98	168-1042-78	50V 0.1uF
C99	043-0552-90	CERAMIC CHIP CAP
C100	166-8097-50	50V 8pF
C101	166-8097-50	50V 8pF
C102	042-0652-53	10V 10uF
C104	168-1032-55	50V 0.01uF
C105	042-0652-53	10V 10uF
C106	042-0652-53	10V 10uF
C107	042-0652-53	10V 10uF
C150	168-1042-78	50V 0.1uF
C151	166-5096-50	50V 5pF
C152	166-5096-50	50V 5pF
C601	163-4763-15	6.3V 47uF
C603	168-1042-78	50V 0.1uF
C604	163-1063-35	16V 10uF
C605	163-1063-35	16V 10uF
CCT1	050-0140-63	CCT 47K ohm
CCT2	050-0140-63	CCT 47K ohm
CCT3	050-0140-63	CCT 47K ohm
CCT4	050-0140-63	CCT 47K ohm
CCT5	050-0140-63	CCT 47K ohm
CCT6	050-0140-63	CCT 47K ohm
CCT7	050-0140-63	CCT 47K ohm
CCT8	050-0140-63	CCT 47K ohm
CCT9	050-0140-63	CCT 47K ohm
D1	060-8078-00	ESD PROTECTOR
D2	060-8078-00	ESD PROTECTOR
IC1	051-6928-90	341S2094
IC2	052-0321-00	TMP92CD28A
IC3	051-6711-40	TC94A34FG
IC5	051-6926-90	BD2051
IC7	051-5418-08	S-80827C
IC601	051-67-34-90	WM8727
IC997	051-7226-08	TC7SH00FU
IC998	051-3392-90	S-1323B15NB
IC999	051-3392-90	S-1323B15NB

REF No.	PART No.	DESCRIPTION
J101	074-9032-00	CONNECTOR 22 Pin
L607	010-3407-78	220uH
L609	010-3112-90	COIL
Q5	190-1365-50	2A1365(50)
Q6	125-2041-93	RTIN241M
Q7	190-1365-50	2A1365(50)
Q8	125-2041-93	RTIN241M
R21	119-2221-15	1/16W 2.2K ohm
R22	119-1051-15	1/16W 1M ohm
R24	119-1051-15	1/16W 1M ohm
R36	119-2211-15	1/16W 220 ohm
R37	119-2211-15	1/16W 220 ohm
R43	119-2211-15	1/16W 220 ohm
R44	119-0000-05	1/16W 0 ohm
R45	119-0000-05	1/16W 0 ohm
R51	119-1031-15	1/16W 10K ohm
R52	119-1031-15	1/16W 10K ohm
R53	119-1041-15	1/16W 100K ohm
R58	119-4731-15	1/16W 47K ohm
R60	119-1031-15	1/16W 10K ohm
R61	119-0000-05	1/16W 0 ohm
R63	119-0000-05	1/16W 0 ohm
R64	119-4731-15	1/16W 47K ohm
R65	119-4731-15	1/16W 47K ohm
R69	119-1041-15	1/16W 100K ohm
R71	119-2211-15	1/16W 220 ohm
R72	119-2211-15	1/16W 220 ohm
R73	119-0000-05	1/16W 0 ohm
R75	119-1041-15	1/16W 100K ohm
R78	119-2211-15	1/16W 220 ohm
R92	119-1031-15	1/16W 10K ohm
R93	119-1221-15	1/16W 1.2K ohm
R94	119-1031-15	1/16W 10K ohm
R95	119-1041-15	1/16W 100K ohm
R96	119-1531-15	1/16W 15K ohm
R97	119-1531-15	1/16W 15K ohm
R98	032-0163-96	1/10W 27 ohm
R99	032-0163-96	1/10W 27 ohm

REF No.	PART No.	DESCRIPTION
R100	117-0000-05	1/8W 0 ohm
R101	119-0000-05	1/16W 0 ohm
R102	119-0000-05	1/16W 0 ohm
R103	117-0000-05	1/8W 0 ohm
R104	117-0000-05	1/8W 0 ohm
R106	119-2211-15	1/16W 220 ohm
R114	119-1031-15	1/16W 10K ohm
R115	119-1221-15	1/16W 1.2K ohm
R116	119-0000-05	1/16W 0 ohm
R117	119-0000-05	1/16W 0 ohm
R123	119-0000-05	1/16W 0 ohm
R126	119-2211-15	1/16W 220 ohm
R132	119-1041-15	1/16W 100K ohm
R135	119-4731-15	1/16W 47K ohm
R140	119-1031-15	1/16W 10K ohm
R150	119-1051-15	1/16W 1M ohm
R156	119-0000-05	1/16W 0 ohm
R162	032-0140-88	1/10W 100K ohm (F)

REF No.	PART No.	DESCRIPTION
R164	119-2211-15	1/16W 220 ohm
R165	119-2211-15	1/16W 220 ohm
R166	119-2211-15	1/16W 220 ohm
R167	119-0000-05	1/16W 0 ohm
R168	119-0000-05	1/16W 0 ohm
R173	119-1031-15	1/16W 10K ohm
R175	119-1231-15	1/16W 4.7K ohm
R176	119-1231-15	1/16W 4.7K ohm
R177	119-1031-15	1/16W 10K ohm
R178	119-5621-15	1/16W 5.6K ohm
R179	119-2211-15	1/16W 220 ohm
R180	119-2211-15	1/16W 220 ohm
R181	119-2211-15	1/16W 220 ohm
R186	119-0000-05	1/16W 0 ohm
R187	119-0000-05	1/16W 0 ohm
R188	119-0000-05	1/16W 0 ohm
R189	119-0000-05	1/16W 0 ohm
R190	119-0000-05	1/16W 0 ohm
R191	119-2211-15	1/16W 220 ohm

REF No.	PART No.	DESCRIPTION
R192	119-2211-15	1/16W 220 ohm
R193	119-0000-05	1/16W 0 ohm
R194	119-0000-05	1/16W 0 ohm
R195	119-4731-15	1/16W 47K ohm
R196	119-4731-15	1/16W 47K ohm
R197	119-0000-05	1/16W 0 ohm
R202	119-0000-05	1/16W 0 ohm
R203	119-1031-15	1/16W 10K ohm
R601	119-1021-15	1/16W 1K ohm
R602	119-0000-05	1/16W 0 ohm
R603	119-1021-15	1/16W 1K ohm
R604	119-0000-05	1/16W 0 ohm
R605	119-0000-05	1/16W 0 ohm
X1	061-3534-90	16.92Mhz
X2	061-3559-90	9.0Mhz
X3	061-3522-90	32.768Mhz
X4	061-3522-90	32.768Mhz
PWB	039-3409-00	PWB (WITHOUT COMPONENT)

ISO Connector PWB (B3) section

REF No.	PART No.	DESCRIPTION
J20	074-1285-03	ISO connector
Jumper	999-0050-06	Jumper wire

REF No.	PART No.	DESCRIPTION
Jumper	999-0125-06	Jumper wire
Fuse	060-0057-57	Auto-Fuse (15A)

REF No.	PART No.	DESCRIPTION
PWB	039-3146-00	PWB (WITHOUT COMPONENT)

REMOVING MAIN PWB FOR REPAIR

No.	PART No.	PART NAME	Q'TY
A	311-1848-08	LOWER CASE	1
B	039-3407-00	MAIN PWB	1
C	816-3037-60	FLAT WIRE	1
D	310-7872-01	UPPER CASE	1
E	313-2068-02	HEAT SINK	1
F	731-3008-8B	TAPTIGHT	4
G	731-3012-8B	TAPTIGHT	2
H	714-3006-8B	MC SCREW	2
I	731-3006-8B	TAPTIGHT	1
J	855-0642-50	USB CABLE	1
K	039-3409-00	USB-PWB	1

Step 1
Remove all the screws Ⓕ, Ⓖ, Ⓗ, Ⓘ from heat sink Ⓔ, then cut off the cable tie Ⓙ.

Step 2
Remove the heat sink Ⓔ and lower case Ⓐ.

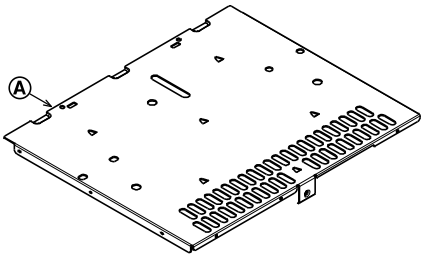
Step 3
Unsolder 4 points on the main PWB (Figure 1), then remove the flat wire Ⓒ from main PWB Ⓑ.

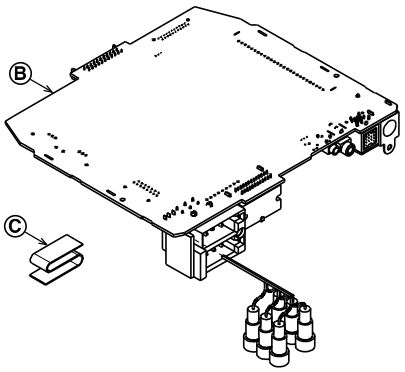
Step 4
Remove the main PWB for repairing.

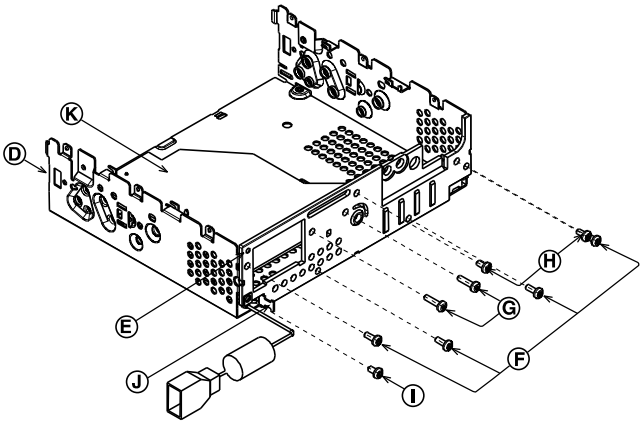
Step 5
Remove the flat wire Ⓘ from sub-board PWB Ⓚ
Then, unsolder 3 points on the sub-board PWB Ⓚ.

Step 6
After that, the sub-board can take up from uppercase Ⓓ for repairing.

View from bottom side







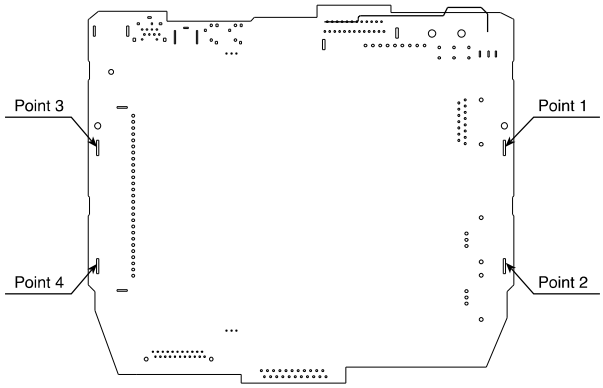


Figure 1

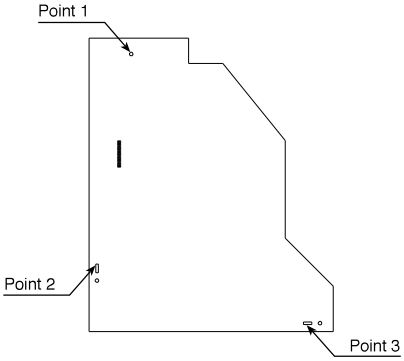


Figure 2