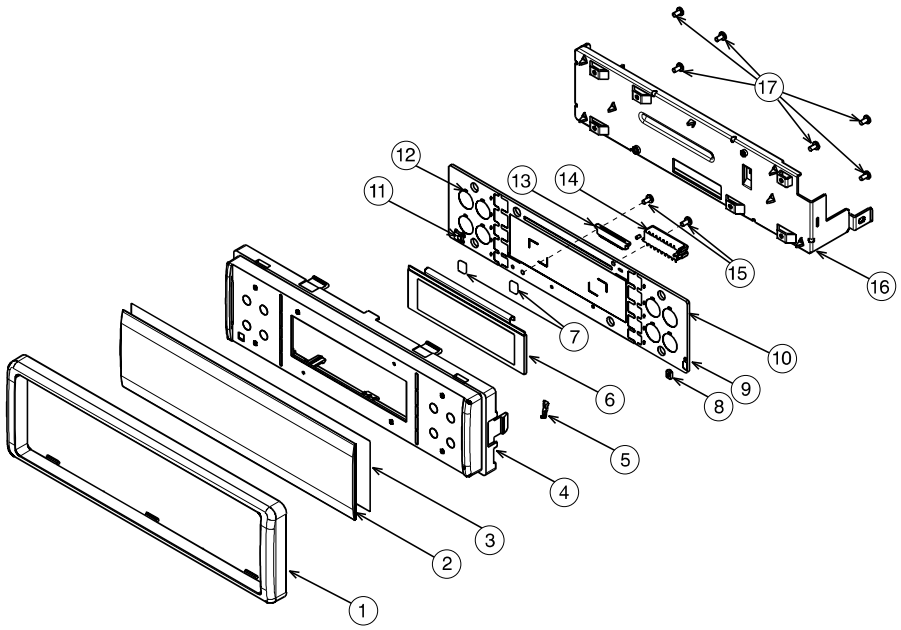
EXPLODED VIEW / PART LIST

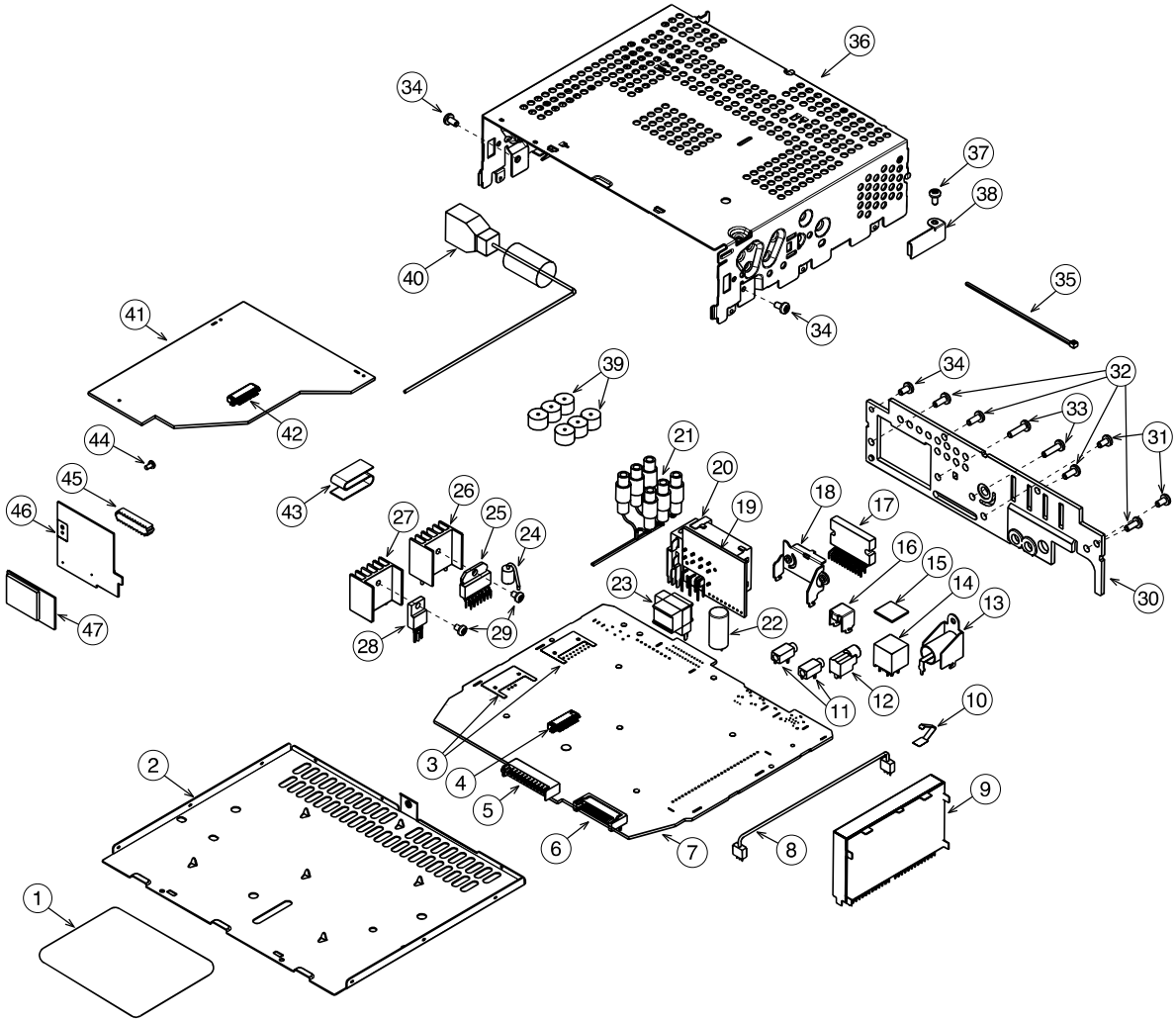
Escutcheon section



No.	PART No.	DESCRIPTION	Q'TY
1	371-5905-00	TRIM PLATE	1
2	373-1187-00	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	INDICATOR	1
7	347-8620-00	DOUBLE FACE	2
8	013-6318-50	TACT SWITCH	1
9	001-7820-91	DIODE	1

No.	PART No.	DESCRIPTION	Q'TY
10	----------	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	331-4761-01	REAR PLATE	1
17	716-3667-00	SPECIAL SCREW (M2X4.5)	6

Main section



No.	PART No.	DESCRIPTION	Q'TY
1	276-0520-00	SETPLATE	1
2	311-1848-08	LOWER CASE	1
3	340-4418-10	SPACER	2
4	074-9032-00	FPC CONNECTOR	1
5	076-0515-22	22PIN PLUG	1
6	076-0648-22	PLUG	1
7	----------	MAIN PWB	1
8	854-4635-60	MIC CABLE	1
9	941-0227-02	TUNER	1
10	331-1861-21	EARTH PLATE	1
11	075-9015-00	MONO JACK	2
12	075-0393-50	REMO-CON JACK	1
13	092-4000-51	ANT RECEPT	1
14	074-1194-00	CE-NET CONNECTOR	1
15	345-6320-00	CUSHION	1
16	331-4533-00	JACK HOLDER	1
17	051-2069-00	IC	1
18	313-2035-00	IC HOLDER	1
19	----------	ISO PWB	1
20	074-1285-03	OUTER SOCKET	1
21	855-5569-60	RCA CABLE	1
22	189-2283-32	ECAP	1
23	009-9006-60	CHOKE COIL	1
24	001-0592-61	DIODE	1

No.	PART No.	DESCRIPTION	Q'TY
25	051-3349-00	POWER IC	1
26	313-1956-01	IC HEAT SINK	1
27	313-1956-02	IC HEAT SINK	1
28	051-3561-00	IC	1
29	714-3004-89	MC SCREW (M3x4)	2
30	313-2068-04	HEAT SINK	1
31	714-3006-8B	MC SCREW (M3x6)	2
32	731-3008-8B	TAPTIGHT (M3x8)	4
33	731-3012-8B	TAPTIGHT (M3x12)	2
34	731-3006-8B	TAPTIGHT (M3x6)	3
35	335-0833-01	CABLE TIE	1
36	310-1872-01	UPPER CASE	1
37	731-3005-8B	TAPTIGHT (M3x5)	1
38	331-2744-00	STOPPER	1
39	345-3799-0L	RCA RUBBER	6
40	855-0642-50	USB CABLE	1
41	----------	USB PWB	1
42	074-9032-00	FPC CONNECTOR	1
43	816-3037-60	FLAT WIRE	1
44	716-3696-00	SPECIAL SCREW (M2x4)	1
45	074-3014-72	OUTLET SOCKET	1
46	----------	BT MAIN PWB	1
47	82-0012-BH	BT-M-PWB-ASSY	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	941-0227-02	FAE391-AC1
C102	166-1011-50	25V 100PF
C103	168-1022-55	25V 1000PF
C105	042-0650-01	5.5V 2.2UF
C106	168-1022-55	25V 1000PF
C107	168-1032-55	25V 0.01UF
C108	042-1721-90	16V 220UF
C109	168-1032-55	25V 0.01UF
C111	168-4732-55	25V 0.047UF
C112	166-1501-50	25V 15PF
C113	042-4019-90	25V 33UF
C114	166-4711-50	25V 470PF
C115	168-1042-78	25V 0.1UF
C116	166-1011-50	25V 100PF
C117	163-1063-35	16V 10UF
C118	168-1042-78	25V 0.1UF
C120	163-1053-65	50V 1UF
C121	168-1042-78	25V 0.1UF
C122	163-1073-35	16V 100UF
C123	168-1042-78	25V 0.1UF
C124	163-1073-35	16V 100UF
C125	168-1042-78	25V 0.1UF
C126	168-1042-78	25V 0.1UF
C127	163-1063-35	16V 10UF
C128	166-2201-50	25V 22PF
C129	166-1801-50	25V 18PF
C135	163-1063-35	16V 10UF
C155	163-1063-35	16V 10UF
C156	168-1042-78	25V 0.1UF
C161	163-2253-65	50V 2.2UF
C162	166-1011-50	25V 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	25V 0.1UF
C192	163-1073-35	16V 100UF
C196	163-1053-65	50V 1UF
C197	163-1073-35	16V 100UF
C198	042-1745-90	16V 470UF
C199	168-1042-78	25V 0.1UF
C202	166-4701-50	25V 47PF
C203	168-2732-55	25V 0.027UF
C204	168-2732-55	25V 0.027UF
C207	166-1011-50	25V 100PF
C209	163-1073-35	16V 100UF
C210	163-1073-35	16V 100UF
C211	168-1042-78	25V 0.1UF
C212	168-1042-78	25V 0.1UF
C213	163-1073-35	16V 100UF
C214	168-1042-78	25V 0.1UF
C217	163-4763-15	6.3V 47UF
C218	166-1011-50	25V 100PF

REF No.	PART No.	DESCRIPTION
C219	168-1042-78	25V 0.1UF
C222	163-1053-65	50V 1UF
C224	163-1073-35	16V 100UF
C225	166-1011-50	25V 100PF
C227	168-1042-78	25V 0.1UF
C228	166-2201-50	25V 22PF
C229	166-3311-50	25V 330PF
C241	166-3301-50	25V 33PF
C242	166-1011-50	25V 100PF
C243	168-4722-55	25V 4700PF
C246	168-1022-55	25V 1000PF
C249	166-2201-50	25V 22PF
C250	163-4763-35	16V 47UF
C251	166-1011-50	25V 100PF
C301	168-4722-55	25V 4700PF
C302	168-4722-55	25V 4700PF
C303	168-4732-55	25V 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	25V 0.1UF
C318	168-1042-78	25V 0.1UF
C319	168-1042-78	25V 0.1UF
C320	168-1042-78	25V 0.1UF
C323	163-4763-15	6.3V 47UF
C324	168-1042-78	25V 0.1UF
C325	168-1042-78	25V 0.1UF
C326	163-1063-35	16V 10UF
C327	168-1042-78	25V 0.1UF
C331	163-4763-15	6.3V 47UF
C333	163-4763-35	16V 47UF
C334	168-1042-78	25V 0.1UF
C335	163-1053-65	50V 1UF
C336	163-1053-65	50V 1UF
C337	163-1053-65	50V 1UF
C338	166-1011-50	25V 100PF
C339	166-1011-50	25V 100PF
C340	163-1053-65	50V 1UF
C341	166-1011-50	25V 100PF
C342	166-1011-50	25V 100PF
C343	168-1022-55	25V 1000PF
C344	166-1011-50	25V 100PF
C345	166-1011-50	25V 100PF
C349	042-0652-53	10V 10UF
C350	042-0652-53	10V 10UF
C351	163-1063-35	16V 10UF

REF No.	PART No.	DESCRIPTION
C352	163-1063-35	16V 10UF
C353	163-1063-35	16V 10UF
C354	163-1063-35	16V 10UF
C355	166-1011-50	25V 100PF
C356	166-1011-50	25V 100PF
C357	166-1011-50	25V 100PF
C358	166-1011-50	25V 100PF
C359	163-1063-35	16V 10UF
C360	163-1063-35	16V 10UF
C361	168-1042-78	25V 0.1UF
C371	163-4763-15	6.3V 47UF
C372	168-1032-55	25V 0.01UF
C373	168-1032-55	25V 0.01UF
C401	166-1011-50	25V 100PF
C402	166-1011-50	25V 100PF
C403	166-1011-50	25V 100PF
C404	166-1011-50	25V 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	25V 0.47UF
C437	163-1063-35	16V 10UF
C438	163-1063-35	16V 10UF
C440	163-1063-35	16V 10UF
C441	163-1063-35	16V 10UF
C442	163-1053-65	50V 1UF
C445	172-1042-15	25V 0.1UF
C446	189-2283-32	16V 2200UF
C456	168-4722-55	25V 4700PF
C501	163-4753-55	35V 4.7UF
C502	168-1032-55	25V 0.01UF
C504	163-4763-35	16V 47UF
C505	168-1522-55	25V 1500PF
C506	042-1721-90	16V 220UF
C507	163-4763-35	16V 47UF
C508	168-1032-55	25V 0.01UF
C511	168-1522-55	25V 1500PF
C512	042-1721-90	16V 220UF
C521	163-4753-55	35V 4.7UF
C524	163-1063-35	16V 10UF
C525	163-1063-35	16V 10UF
C526	163-1063-35	16V 10UF
C527	163-1063-35	16V 10UF
C528	163-1063-35	16V 10UF
C529	163-1063-35	16V 10UF
C531	163-2253-65	50V 2.2UF
C532	163-2253-65	50V 2.2UF
C533	163-2253-65	50V 2.2UF
C534	163-2253-65	50V 2.2UF
C545	163-2253-65	50V 2.2UF
C546	163-2253-65	50V 2.2UF
C561	168-1522-55	25V 1500PF
C562	042-1721-90	16V 220UF

REF No.	PART No.	DESCRIPTION
C564	168-1522-55	25V 1500PF
C568	042-1721-90	16V 220UF
D101	001-1310-00	KDS160
D104	117-0000-05	1/8W 0 ohm
D105	001-1310-00	KDS160
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	KDS160
D151	001-1310-00	KDS160
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	001-4312-41	02DZ7.5Y
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
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
IC1	051-3019-90	NJM2060V
IC4	051-3535-90	MM3144ANR
IC102	051-5438-08	S-80830CN
IC103	051-5437-38	R3111N211A
IC104	051-6600-90	LA2335M
IC105	051-3349-00	HA13166
IC107	051-9434-90	R1EX24256
IC109	052-3802-40	M3087LFYBGP
IC110	051-3561-00	LM7808
IC203	051-6201-90	LC72146M
IC301	051-0350-93	NJM4558
IC302	051-0350-93	NJM4558
IC303	051-5048-90	NJM1222
IC304	051-7206-58	MM74HC00
IC402	051-2069-00	LA47202
IC501	051-3064-90	NJM2792E
IC502	051-3064-90	NJM2792E
J2	074-9032-00	CONNECTOR 22 PIN
J3	075-0393-50	REMO-CON-JACK
J102	074-1194-00	CENET
J301	076-0648-22	BT CONNECTOR 22 PIN
J303	075-9015-00	MIC JACK
J304	075-9015-00	MONO JACK
J305	854-4635-60	MIC CABLE

REF No.	PART No.	DESCRIPTION
J306	854-4635-60	MIC CABLE
J500	855-5569-60	RCA CABLE
J702	076-0515-22	CONNECTOR 22 PIN
JW1	060-0108-90	JUMPER
L101	010-3105-62	FERRITE BEAD
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	FERRITE BEAD
L203	010-3105-67	FERRITE BEAD
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	010-3105-67	FERRITE BEAD
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
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	125-0199-93	KRA103S
Q153	125-4010-90	KTC3875
Q154	125-0199-93	KRA103S
Q155	125-4017-90	KTC4378
Q158	125-4029-90	PBSS3011NZ
Q159	125-4029-90	PBSS3011NZ
Q160	125-0199-93	KRA103S
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

REF No.	PART No.	DESCRIPTION
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
Q501	125-4010-90	KTC3875
Q502	125-4010-90	KTC3875
Q503	125-4010-90	KTC3875
Q504	125-4010-90	KTC3875
Q505	125-4010-90	KTC3875
Q506	125-4010-90	KTC3875
R100	119-4721-15	1/16W 4.7K ohm
R101	119-4721-15	1/16W 4.7K ohm
R103	119-0000-05	1/16W 0 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
R135	119-0000-05	1/16W 0 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
R158	116-6801-15	1/4W 68 ohm
R159	119-1031-15	1/16W 10K ohm
R160	119-1021-15	1/16W 1K 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	119-3331-15	1/16W 33K ohm
R165	119-1831-15	1/16W 18K 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

REF No.	PART No.	DESCRIPTION
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	119-1021-15	1/16W 1K 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	119-4711-15	1/16W 470 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
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

REF No.	PART No.	DESCRIPTION
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
R330	119-1031-15	1/16W 10K ohm
R331	119-1031-15	1/16W 10K ohm
R332	119-1031-15	1/16W 10K ohm
R333	119-1031-15	1/16W 10K ohm
R335	119-1031-15	1/16W 10K ohm
R336	119-1031-15	1/16W 10K ohm
R337	119-1031-15	1/16W 10K ohm
R338	119-1021-15	1/16W 1K ohm
R339	119-1021-15	1/16W 1K ohm
R340	119-4721-15	1/16W 4.7K ohm
R341	119-4721-15	1/16W 4.7K ohm
R342	119-1031-15	1/16W 10K 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
R371	119-0000-05	1/16W 0 ohm
R372	119-1051-15	1/16W 1M ohm
R373	119-1231-15	1/16W 12K 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
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
R455	119-3311-15	1/16W 330 ohm
R456	119-3311-15	1/16W 330 ohm
R458	119-1021-15	1/16W 1K ohm
R459	119-1021-15	1/16W 1K ohm
R460	116-4721-15	1/4W 4.7K ohm

REF No.	PART No.	DESCRIPTION
R461	116-6831-15	1/4W 68K ohm
R462	119-1041-15	1/16W 100K 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
R504	119-3331-15	1/16W 33K ohm
R505	119-2231-15	1/16W 22K ohm
R514	119-3331-15	1/16W 33K ohm
R515	119-2231-15	1/16W 22K ohm
R536	119-2231-15	1/16W 22K ohm
R538	119-3331-15	1/16W 33K ohm
R540	119-2231-15	1/16W 22K ohm
R541	119-2231-15	1/16W 22K ohm
R542	119-3311-15	1/16W 330 ohm
R543	119-3311-15	1/16W 330 ohm
R545	119-2231-15	1/16W 22K ohm
R546	119-3311-15	1/16W 330 ohm
R547	119-2231-15	1/16W 22K ohm
R548	119-3311-15	1/16W 330 ohm
R549	119-2231-15	1/16W 22K ohm
R550	119-3311-15	1/16W 330 ohm
R551	119-2231-15	1/16W 22K ohm
R552	119-3311-15	1/16W 330 ohm
R553	119-1021-15	1/16W 1K ohm
R554	119-1021-15	1/16W 1K ohm
R555	119-1021-15	1/16W 1K ohm
R560	119-0000-05	1/16W 0 ohm
R561	119-0000-05	1/16W 0 ohm
R562	119-0000-05	1/16W 0 ohm
R563	119-0000-05	1/16W 0 ohm
R564	119-0000-05	1/16W 0 ohm
R565	119-0000-05	1/16W 0 ohm
R574	119-2231-15	1/16W 22K ohm
R576	119-3331-15	1/16W 33K ohm
R580	119-0000-05	1/16W 0 ohm
R581	119-3331-15	1/16W 33K ohm
R582	119-2231-15	1/16W 22K 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
R591	119-3331-15	1/16W 33K ohm
R593	119-2231-15	1/16W 22K ohm
SUP202	060-0122-20	SURCE PROTECTOR
T101	009-9006-60	CHOKE COIL
X101	061-9022-00	10MHz
X202	061-9021-00	7.2MHz
PWB	039-3407-03	PWB (WITHOUT COMPONENT)

Switch PWB (B2) section

REF No.	PART No.	DESCRIPTION
C1	168-1042-78	25V 0.1UF
C2	168-1042-78	25V 0.1UF
C10	166-1596-50	25V 1.5PF
C11	166-1096-50	25V 1PF
C12	166-1096-50	25V 1PF
C13	166-1596-50	25V 1.5PF
C15	166-1096-50	25V 1PF
C16	166-1596-50	25V 1.5PF
C17	166-1096-50	25V 1PF
C19	166-3096-50	25V 3PF
C20	178-1055-79	50V 1UF
C21	178-1055-79	50V 1UF
C22	166-1096-50	25V 1PF
C23	166-1096-50	25V 1PF
C24	166-1096-50	25V 1PF
C25	166-1596-50	25V 1.5PF
C27	166-1096-50	25V 1PF
C28	166-1596-50	25V 1.5PF
C29	166-1096-50	25V 1PF
C31	166-3096-50	25V 3PF
C32	178-1055-79	50V 1UF
C33	178-1055-79	50V 1UF
C34	178-1055-79	50V 1UF
C40	168-1042-78	25V 0.1UF
C41	168-1042-78	25V 0.1UF
C60	168-1042-78	25V 0.1UF
C61	042-0671-00	16V 4.7UF
C62	042-0671-00	16V 4.7UF
C63	168-1042-78	25V 0.1UF
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	50V 1UF
D1	001-7833-90	BLUE LED
D2	001-7833-90	BLUE LED
D3	001-7833-90	BLUE LED
D4	001-7833-90	BLUE LED
D5	001-7833-90	BLUE LED
D6	001-7833-90	BLUE LED

REF No.	PART No.	DESCRIPTION
D7	001-7833-90	BLUE LED
D8	001-7833-90	BLUE LED
D9	001-7833-90	BLUE LED
D11	001-4312-29	02DZ5.1Y
D40	001-7833-90	BLUE LED
D41	001-7833-90	BLUE LED
D42	001-7833-90	BLUE LED
D43	001-7833-90	BLUE LED
D44	001-7833-90	BLUE LED
D45	001-7833-90	BLUE LED
D46	001-7833-90	BLUE LED
D47	001-7833-90	BLUE LED
D48	001-7833-90	BLUE LED
D49	001-7820-91	RED LED
IC1	051-6102-90	PCA9532BS
IC2	051-6932-90	ATA2508DA-24
IC3	051-6932-90	ATA2508DA-24
IC4	051-6102-90	PCA9532BS
IC5	051-7222-58	74HC1G08GV
IR1	060-4017-90	IR RECEIVER
J1	074-1105-22	CON-22P
J2	074-9033-00	CON-34P
L1	010-3103-64	010-3103-64
L2	010-3103-64	010-3103-64
L3	010-3103-64	010-3103-64
L4	010-2285-57	010-2285-57
Q1	125-2199-93	KRC103S
Q2	125-2199-93	KRC103S
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	1/16W 1K ohm
R12	032-0150-54	1/16W 1K ohm

REF No.	PART No.	DESCRIPTION
R13	032-0150-54	1/16W 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
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	1/16W 1K ohm
R51	032-0150-54	1/16W 1K ohm
R52	119-0000-05	1/16W 0 ohm
R53	119-3911-15	1/16W 390 ohm
R55	119-0000-05	1/16W 0 ohm
R56	032-0150-54	1/16W 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	RESET BUTTON
PWB	039-3408-00	PWB (WITHOUT COMPONENT)

USB PWB (B3) section

REF No.	PART No.	DESCRIPTION
C2	168-1042-78	50V 0.1UF
C3	043-0552-90	6.3V 47UF
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	6.3V 47UF
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
C98	168-1042-78	50V 0.1UF
C99	043-0552-90	6.3V 47UF
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	47K ohm (X4)
CCT2	050-0140-63	47K ohm (X4)
CCT3	050-0140-63	47K ohm (X4)

REF No.	PART No.	DESCRIPTION
CCT4	050-0140-63	47K ohm (X4)
CCT5	050-0140-63	47K ohm (X4)
CCT6	050-0140-63	47K ohm (X4)
CCT7	050-0140-63	47K ohm (X4)
CCT8	050-0140-63	47K ohm (X4)
CCT9	050-0140-63	47K ohm (X4)
D1	060-8078-00	Surge Protector
D2	060-8078-00	Surge 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
J101	074-9032-00	22 Pin Connector
L607	010-3407-78	220UH
L609	010-3112-90	Ferrite Bead
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	1/16W 27 ohm
R99	032-0163-96	1/16W 27 ohm
R100	117-0000-05	1/8W 0 ohm

REF No.	PART No.	DESCRIPTION
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	1/16W 100K ohm
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 12K ohm
R176	119-1231-15	1/16W 12K 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
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	32.768KHz
X4	061-3522-90	32.768KHz
PWB	039-3409-00	PWB (WITHOUT COMPONENT)

BT Main PWB (B4) section

REF No.	PART No.	DESCRIPTION
C101	168-1042-78	25V 0.1UF
C102	042-1728-90	16V 10UF
C103	168-1042-78	25V 0.1UF
C104	176-1001-50	25V 10UF
C105	178-1055-79	25V 1UF
C106	178-1055-79	25V 1UF
C107	166-8211-50	25V 820PF
C108	166-3311-50	25V 330PF
C110	178-1055-79	25V 1UF
C111	176-1001-50	25V 10UF
C112	166-1011-50	25V 100PF
C113	168-1042-78	25V 0.1UF
C114	168-1042-78	25V 0.1UF
C115	042-6004-90	10V 68UF
C117	168-1042-78	25V 0.1UF
C125	176-1001-50	25V 10UF
C127	178-1055-79	25V 1UF

REF No.	PART No.	DESCRIPTION
C130	168-1042-78	25V 0.1UF
D100	001-4312-47	02DZ9.1Y
IC101	82-0012-AH	BT MODULE
IC102	051-3026-90	NJM4580V
IC103	051-3389-90	PQ1M335M2SPQ
J101	074-3014-72	CONNECTOR 22 PIN
L101	010-3406-56	3.3UH
L102	010-3104-54	MPZ1608S601
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

REF No.	PART No.	DESCRIPTION
L111	010-3104-54	MPZ1608S601
R110	119-2231-15	1/16W 22K ohm
R111	119-3331-15	1/16W 33K ohm
R112	119-2231-15	1/16W 22K ohm
R113	119-1031-15	1/16W 10K ohm
R114	119-4721-15	1/16W 4.7K ohm
R115	119-4721-15	1/16W 4.7K ohm
R116	119-3321-15	1/16W 3.3K ohm
R117	119-4721-15	1/16W 4.7K ohm
R118	117-0000-05	1/16W 0 ohm
R119	119-2221-15	1/16W 2.2K ohm
R120	117-1011-15	25V 100UF
R121	119-0000-05	1/16W 0 ohm
R122	119-0000-05	1/16W 0 ohm
R125	119-0000-05	1/16W 0 ohm
PWB	039-3533-00	PWB (WITHOUT COMPONENT)

ISO Connector PWB (B5) 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	039-3407-03	MAIN PWB	1
C	816-3037-60	FLAT WIRE	1
D	310-1872-01	UPPER CASE	1
E	313-2068-04	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	335-0833-01	CABLE TIE	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 Ⓐ.

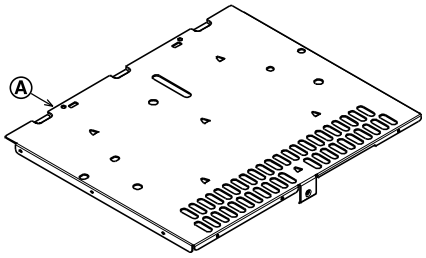
Step 3
Unsolder 4 points on the main PWB (Figure 1), then remove the flat wire Ⓒ from main PWB Ⓑ.

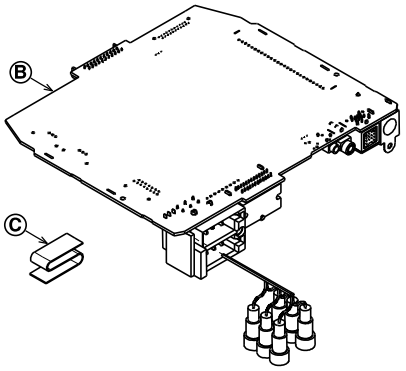
Step 4
Remove the main PWB for repairing.

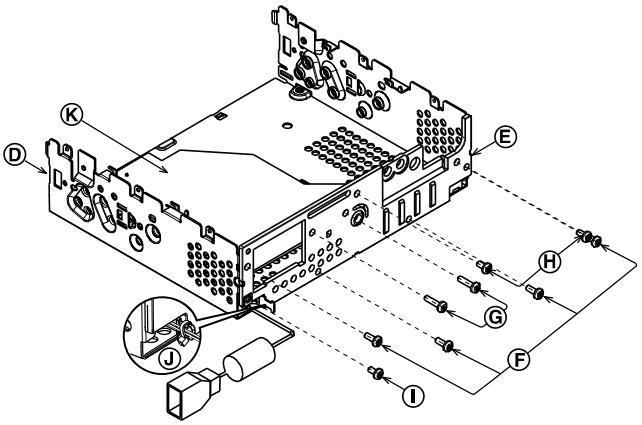
Step 5
Remove the flat wire Ⓒ from USB PWB Ⓚ, then unsolder 3 points on the USB PWB (Figure 2).

Step 6
Remove the USB PWB from upper case Ⓓ for repairing.

View from bottom side







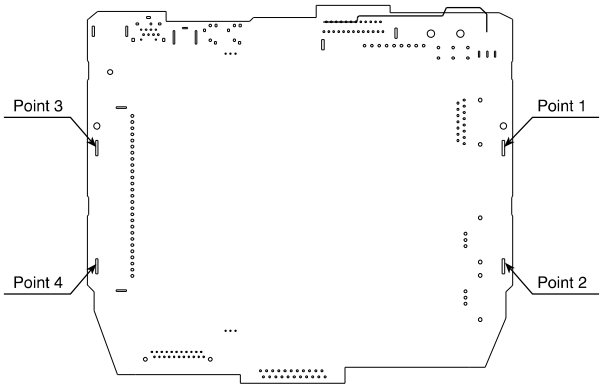


Figure 1

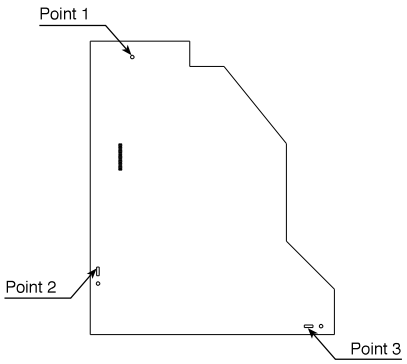


Figure 2