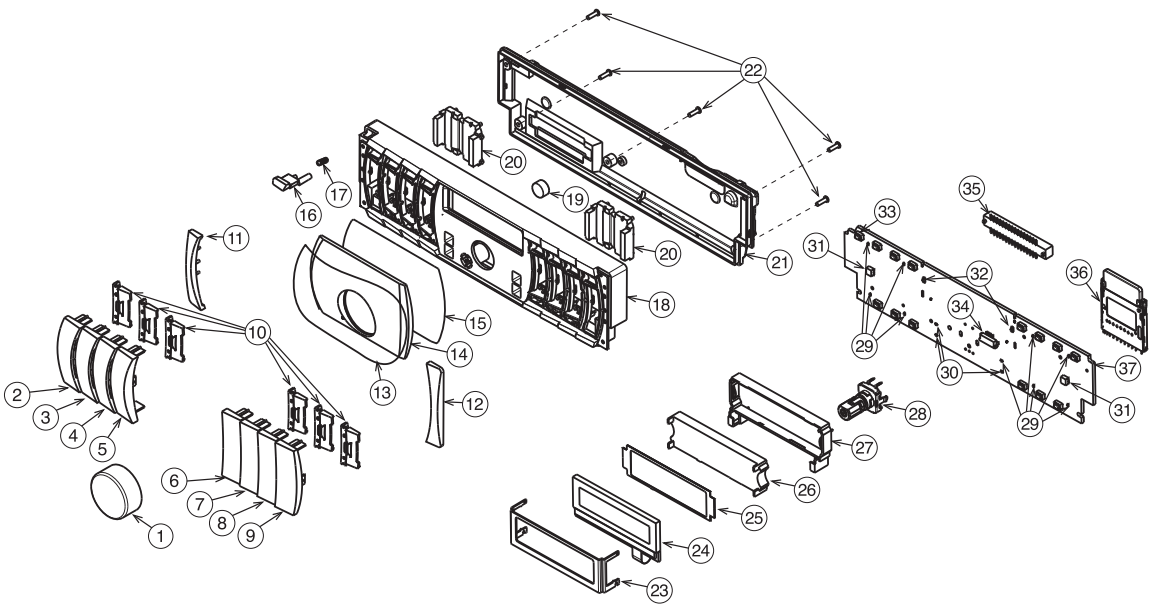
EXPLODED VIEW / PART LIST

Escutcheon section

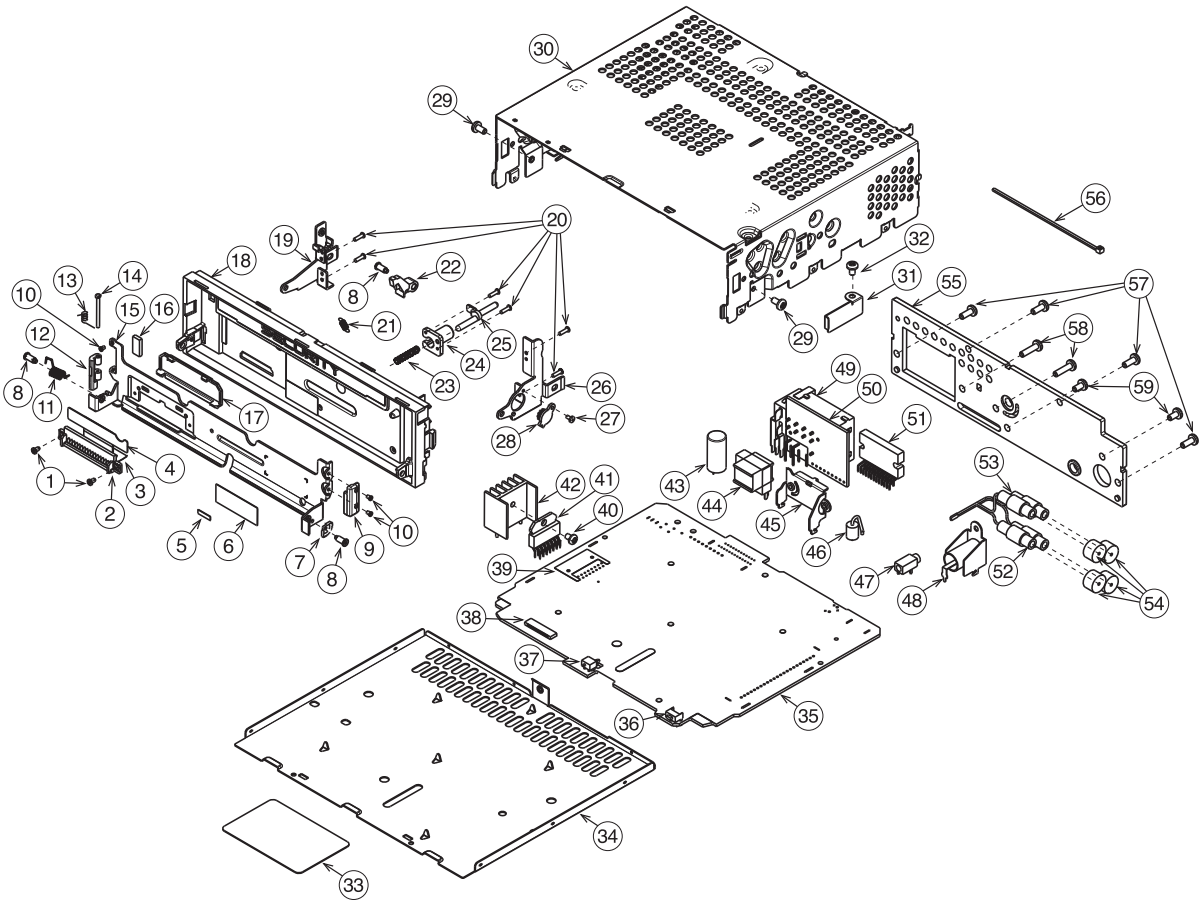


Note:-
1. Some parts depend on each model.
   The model name is specified in the description.
2. Several different parts of the same number are alternative parts.
   One of those parts is used in the set.

No.	PART No.	DESCRIPTION	Q'TY
1	380-5716-00	VOLUME KNOB (PE-8500B-A/K-A)	1
	380-5716-01	VOLUME KNOB (PE-8500B-B/K-B)	1
2	382-8570-00	BUTTON SRC (PE-8500B-A/K-A)	1
	382-8570-01	BUTTON SRC (PE-8500B-B/K-B)	1
3	382-8571-00	BUTTON BND (PE-8500B-A/K-A)	1
	382-8571-01	BUTTON BND (PE-8500B-B/K-B)	1
4	382-8572-00	BUTTON PHONE (PE-8500B-A/K-A)	1
	382-8572-01	BUTTON PHONE (PE-8500B-B/K-B)	1
5	382-8573-00	BUTTON SEEK (PE-8500B-A/K-A)	1
	382-8573-01	BUTTON SEEK (PE-8500B-B/K-B)	1
6	382-8574-00	BUTTON 1 (PE-8500B-A/K-A)	1
	382-8574-01	BUTTON 1 (PE-8500B-B/K-B)	1
7	382-8575-00	BUTTON 2 (PE-8500B-A/K-A)	1
	382-8575-01	BUTTON 2 (PE-8500B-B/K-B)	1
8	382-8576-00	BUTTON 3 (PE-8500B-A/K-A)	1
	382-8576-01	BUTTON 3 (PE-8500B-B/K-B)	1
9	382-8577-00	BUTTON ISR (PE-8500B-A/K-A)	1
	382-8577-00	BUTTON ISR (PE-8500B-B/K-B)	1
10	335-8218-00	ILLUMI COVER	6
11	335-8216-00	FACE PLATE L (PE-8500B-A/K-A)	1
	335-8216-01	FACE PLATE L (PE-8500B-B/K-B)	1
12	335-8217-00	FACE PLATE R (PE-8500B-A/K-A)	1
	335-8217-01	FACE PLATE R (PE-8500B-B/K-B)	1
13	347-8383-00	PROTECTIVE FOIL	1
14	373-1161-00	DIAL COVER (PE-8500B-A)	1
	373-1161-01	DIAL COVER (PE-8500B-B)	1
	373-1161-03	DIAL COVER (PE-8500K-A)	1
	373-1161-04	DIAL COVER (PE-8500K-B)	1

No.	PART No.	DESCRIPTION	Q'TY
15	347-8354-00	DOUBLE TAPE	1
16	382-8569-00	RELEASE BUTTON (PE-8500B-A/K-A)	1
	382-8569-01	RELEASE BUTTON (PE-8500B-B/K-B)	1
17	750-6862-00	SPRING	1
18	370-6319-00	ESCUTCHEON (PE-8500B-A/K-A)	1
	370-6319-01	ESCUTCHEON (PE-8500B-B/K-B)	1
19	081-0038-00	MIRCOPHONE	1
20	335-8215-00	ILLUMI PLATE	2
21	335-8214-00	REAR COVER (PE-8500B-A/K-A)	1
	335-8214-01	REAR COVER (PE-8500B-B/K-B)	1
22	716-0872-61	SPECIAL SCREW (M1.7x6)	5
23	331-4525-00	LCD COVER	1
24	379-1398-71	LCD INDICATOR	1
25	347-8355-00	SHADE	1
26	335-8219-00	LCD ILLUMI	1
27	335-8220-00	LCD HOLDER	1
28	016-9901-03	ROTARY ENCODER	1
29	001-7819-91	DIODE (PE-8500B-A/K-A)	9
	001-7819-91	DIODE (PE-8500B-B/K-B)	1
30	001-7825-92	DIODE (PE-8500B-A/K-A)	3
	001-7825-92	DIODE (PE-8500B-B/K-B)	11
31	001-7830-90	DIODE	2
32	001-7828-90	DIODE	2
33	013-6312-50	TACT SWITCH	14
34	074-2290-60	CONNECTOR	1
35	076-0647-00	CONNECTOR	1
36	074-8006-00	SD CARD	1
37	----------	SWITCH PWB	1

Main section



No.	PART No.	DESCRIPTION	Q'TY
1	714-3444-50	SPECIAL SCREW (M1.7x0.35)	2
2	074-1278-01	OUTLET SOCKET (16P)	1
3	039-1862-01	FPC	1
4	347-7008-00	FPC SUPPORT	1
5	347-6356-00	DOUBLE FACE	1
6	291-0092-00	STICKER	1
7	613-0757-00	FAN GEAR	1
8	716-3546-02	DECORATIVE SCREW (M2x1.5) (PE-8500B-A/K-A)	3
	716-3546-51	DECORATIVE SCREW (M2x1.5) (PE-8500B-B/K-B)	
9	335-7505-00	HOOK	1
10	738-1722-1H	PRECISION SCREW (M1.7x2.2)	3
11	750-6793-02	SPRING	1
12	335-7373-01	HOOK DCP	1
13	750-3454-00	SPRING	1
14	341-1764-00	SHAFT	1
15	331-4526-00	DCP HOLDER (PE-8500B-A/K-A)	1
	331-4526-01	DCP HOLDER (PE-8500B-B/K-B)	1
16	345-6158-00	RUBBER	1
17	335-6499-00	CN-CVR	1
18	370-6320-00	INNER ESC (PE-8500B-A/K-A)	1
	370-6320-01	INNER ESC (PE-8500B-B/K-B)	1
19	331-3925-01	ARM-L	1
20	716-1764-50	PAD SCREW (M1.7x5)	6
21	750-3341-00	SPRING	1
22	335-7369-01	HOOK LOCK	1
23	750-6783-00	SPRING	1
24	335-7371-00	HOOK SLEEVE	1
25	335-7370-00	DETECTOR HOOK	1

No.	PART No.	DESCRIPTION	Q'TY
26	331-3926-00	ARM-R	1
27	780-2004-51	SPECIAL SCREW (M2x4)	1
28	613-0730-00	GEAR DAMPER	1
29	731-3006-8B	TAPTIGHT (M3x6)	2
30	310-1872-00	UPPER CASE	1
31	331-2744-00	STOPPER	1
32	731-3005-8B	TAPTIGHT (M3x5)	1
33	276-0300-01	SETPLATE (PE-8500B-A)	1
	276-0358-01	SETPLATE (PE-8500B-B)	1
	276-0386-00	SETPLATE (PE-8500K-A)	1
	276-0387-00	SETPLATE (PE-8500K-B)	1
34	311-1848-03	LOWER CASE	1
35	----------	MAIN PWB	1
36	013-6103-00	RESET SWITCH	1
37	013-7420-00	DETECTOR SWITCH	1
38	074-1318-68	CONNECTOR	1
39	340-4418-10	SPACER	1
40	714-3004-89	MS SCREW (M3x4)	1
41	051-3349-00	POWER IC	1
42	313-1956-01	IC HEAT SINK	1
43	042-1545-00	E-CAP	1
44	009-9006-60	CHOKE	1
45	313-2035-00	IC HOLDER	1
46	001-0592-61	DIODE	1
47	075-9015-00	MONO JACK	1
48	092-4000-51	ANT-RECEPT	1
49	074-1285-03	OUTLET SOCKET (15P)	1
50	----------	ISO PWB	1
51	051-2060-00	IC (LA47201)	1
52	855-5506-60	EXTENSION LEAD	1

No.	PART No.	DESCRIPTION	Q'TY
53	855-5516-60	EXTENSION LEAD	1
54	345-3799-0L	RCA RUBBER	4
55	313-2034-00	HEAT SINK	1
56	335-0833-01	CABLE TIE	1

No.	PART No.	DESCRIPTION	Q'TY
57	731-3008-8B	TAPTIGHT (M3x8)	4
58	731-3012-8B	TAPTIGHT (M3x12)	2
59	714-3006-8B	MC SCREW (M3x6)	2

ELECTRICAL PARTS LIST

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Main PWB (B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-4000-51	ANT REP
C2	042-1723-90	100uF-10V
C3	043-0604-91	50V 2.2uF
C4	168-1042-78	50V 100nF
C5	168-1022-55	50V 1000pF
C6	168-1032-55	50V 10nF
C7	168-1032-55	50V 10nF
C11	163-4763-35	47uF-16V
C12	168-1042-78	50V 100nF
C13	172-1042-15	25V 100nF
C14	166-8201-50	50V 82pF
C15	168-1022-55	50V 1000pF
C17	166-8201-50	50V 82pF
C18	166-1801-50	50V 18pF
C19	166-1801-50	50V 18pF
C20	168-1032-55	50V 10nF
C21	168-1042-78	50V 100nF
C22	168-1042-78	50V 100nF
C23	178-4742-78	25V 470nF
C24	178-4742-78	25V 470nF
C25	178-4742-78	25V 470nF
C26	178-4742-78	25V 470nF
C27	163-1063-35	10uF-16V
C28	178-4742-78	25V 470nF
C29	168-4722-55	50V 4.7nF
C31	163-1063-35	10uF-16V
C32	042-1545-00	2200u-16V
C33	163-1063-35	10uF-16V
C34	163-4763-35	47uF-16V
C35	163-4763-35	47uF-16V
C36	042-1786-90	2200u-35V
C37	168-1042-78	50V 100nF
C38	168-1042-78	50V 100nF
C39	168-1042-78	50V 100nF
C41	168-1042-78	50V 100nF
C42	166-4711-50	50V 470pF
C43	168-1042-78	50V 100nF
C44	168-4722-55	50V 4.7nF
C45	168-1042-78	50V 100nF
C47	168-1042-78	50V 100nF
C48	166-1007-50	50V 10pF
C50	166-3301-50	50V 33pF
C51	166-4711-50	50V 470pF
C52	168-4722-55	50V 4.7nF
C53	168-1042-78	50V 100nF
C54	178-4742-78	25V 470nF
C55	178-4742-78	25V 470nF
C56	178-2255-79	25V 2.2uF
C57	178-2255-79	25V 2.2uF

REF No.	PART No.	DESCRIPTION
C58	178-2255-79	25V 2.2uF
C59	178-2255-79	25V 2.2uF
C60	178-1052-78	25V 1uF
C61	178-1052-78	25V 1uF
C62	178-1052-78	25V 1uF
C63	178-1052-78	25V 1uF
C64	178-1052-78	25V 1uF
C65	178-1052-78	25V 1uF
C66	178-4742-78	25V 470nF
C67	163-1063-35	10uF-16V
C68	163-1063-35	10uF-16V
C69	178-1052-78	25V 1uF
C70	178-1052-78	25V 1uF
C71	042-1785-90	4.7uF-50V
C72	163-1063-35	10uF-16V
C73	163-2263-35	22uF-16V
C74	042-1785-90	4.7uF-50V
C75	163-2263-35	22uF-16V
C76	042-1785-90	4.7uF-50V
C77	042-1785-90	4.7uF-50V
C78	163-4763-35	47uF-16V
C79	163-4763-35	47uF-16V
C83	163-4763-35	47uF-16V
C84	163-4763-35	47uF-16V
C88	168-1042-78	50V 100nF
C89	168-1042-78	50V 100nF
C90	178-4742-78	25V 470nF
C91	168-3332-78	50V 33nF
C92	168-3332-78	50V 33nF
C93	168-1022-55	50V 1000pF
C94	168-1022-55	50V 1000pF
C95	168-1022-55	50V 1000pF
C96	168-1022-55	50V 1000pF
C97	168-1022-55	50V 1000pF
C98	168-1022-55	50V 1000pF
C99	168-1022-55	50V 1000pF
C100	168-1022-55	50V 1000pF
C101	163-4763-35	47uF-16V
C102	166-4701-50	16V 0.047uF
C104	178-4742-78	25V 470nF
C105	163-4763-35	47uF-16V
C106	168-1042-78	50V 100nF
C108	168-1042-78	50V 100nF
C109	042-1785-90	4.7uF-50V
C110	168-1042-78	50V 100nF
C111	042-1785-90	4.7uF-50V
C112	163-4763-35	47uF-16V
C113	042-0650-01	0.22uF-5.5V
C201	166-1011-50	50V 100pF

REF No.	PART No.	DESCRIPTION
C301	166-1011-50	50V 100pF
C345	166-4711-50	50V 470pF
C346	166-4711-50	50V 470pF
D1	001-4314-50	4.7V
D4	001-0592-00	1N5404
D5	001-2418-90	GN1G
D6	001-1321-90	BAV99
D7	001-2418-90	GN1G
D8	001-2418-90	GN1G
D9	001-2418-90	GN1G
D10	001-1321-90	BAV99
D11	001-1321-90	BAV99
D14	001-2418-90	GN1G
D16	001-1321-90	BAV99
D17	001-1321-90	BAV99
D18	001-1321-90	BAV99
D19	001-1321-90	BAV99
D20	001-1321-90	BAV99
D21	001-1321-90	BAV99
D22	001-1321-90	BAV99
D23	001-1321-90	BAV99
D24	001-1321-90	BAV99
D26	001-0529-35	MA8062
FB1	010-3121-90	FERRITE BEAD
FB2	010-3121-90	FERRITE BEAD
FB3	010-3121-90	FERRITE BEAD
FB4	010-3121-90	FERRITE BEAD
FB5	010-3121-90	FERRITE BEAD
FB6	010-3121-90	FERRITE BEAD
FB7	010-3121-90	FERRITE BEAD
FB8	010-3121-90	FERRITE BEAD
FB9	010-3121-90	FERRITE BEAD
FB10	010-3121-90	FERRITE BEAD
FB11	010-3121-90	FERRITE BEAD
FB12	010-3121-90	FERRITE BEAD
FB14	010-3121-90	FERRITE BEAD
FB15	010-3121-90	FERRITE BEAD
J2	060-0108-90	Jumper
J4	075-9015-00	EXT MIC CON
J6	074-1318-68	SW CON
L2	009-9006-60	0.23mH
L3	010-3407-78	220uH
L4	010-3424-90	47nH
L5	010-3418-90	82nH
L6	010-3423-90	27nH
Q1	125-4010-90	KTC3875
Q2	125-4023-90	BFS17
Q3	125-2199-92	KRC102S
Q4	125-0199-94	KRA104S

REF No.	PART No.	DESCRIPTION
Q301	125-4010-90	KTC3875
Q302	125-4010-90	KTC3875
Q303	125-0199-92	KRA102S
R1	116-2231-15	1/4W 22K ohm
R2	117-4721-15	1/16W 4.7K ohm
R3	119-3331-15	1/16W 33K ohm
R7	119-4711-15	1/16W 470 ohm
R8	032-0140-64	1/16W 43K ohm
R9	119-4731-15	1/16W 47K ohm
R10	119-4721-15	1/16W 4.7K ohm
R11	119-2421-15	1/16W 2.4K ohm
R12	119-6831-15	1/16W 68K ohm
R13	119-1021-15	1/16W 1K ohm
R14	119-1021-15	1/16W 1K ohm
R15	119-6831-15	1/16W 68K ohm
R16	119-6831-15	1/16W 68K ohm
R17	119-1031-15	1/16W 10K ohm
R19	119-4711-15	1/16W 470 ohm
R20	032-0140-00	1/16W 56K ohm
R21	032-0140-00	1/16W 56K ohm
R22	032-0140-52	1/16W 33K ohm
R23	119-8231-15	1/16W 82K ohm
R24	119-8231-15	1/16W 82K ohm
R25	119-1021-15	1/16W 1K ohm
R26	119-1021-15	1/16W 1K ohm
R27	119-1021-15	1/16W 1K ohm
R28	119-1021-15	1/16W 1K ohm
R29	119-1021-15	1/16W 1K ohm
R30	119-1031-15	1/16W 10K ohm
R31	119-4721-15	1/16W 4.7K ohm
R32	119-1021-15	1/16W 1K ohm
R35	119-1021-15	1/16W 1K ohm
R37	119-1021-15	1/16W 1K ohm
R38	032-0140-00	1/16W 56K ohm
R39	032-0140-00	1/16W 56K ohm
R40	032-0140-52	1/16W 33K ohm
R41	119-4701-15	1/16W 47 ohm
R42	119-1041-15	1/16W 100K ohm
R43	119-1041-15	1/16W 100K ohm
R44	119-2741-15	1/16W 270K ohm
R46	119-1021-15	1/16W 1K ohm
R47	119-1021-15	1/16W 1K ohm
R48	119-3931-15	1/16W 39K ohm
R49	119-3931-15	1/16W 39K ohm
R50	032-0140-52	1/16W 33K ohm
R51	119-6831-15	1/16W 68K ohm

REF No.	PART No.	DESCRIPTION
R52	119-6831-15	1/16W 68K ohm
R56	119-1021-15	1/16W 1K ohm
R57	119-1021-15	1/16W 1K ohm
R58	119-3931-15	1/16W 39K ohm
R59	119-4721-15	1/16W 4.7K ohm
R60	119-2221-15	1/16W 2.2K ohm
R61	119-3931-15	1/16W 39K ohm
R62	119-4721-15	1/16W 4.7K ohm
R63	119-2221-15	1/16W 2.2K ohm
R64	119-1021-15	1/16W 1K ohm
R65	119-1021-15	1/16W 1K ohm
R68	119-1021-15	1/16W 1K ohm
R69	119-0000-05	1/16W 0 ohm
R70	032-0206-50	1/16W 22M ohm
R71	119-0000-05	1/16W 0 ohm
R72	119-4741-15	1/16W 470K ohm
R80	119-3931-15	1/16W 39K ohm
R81	119-3931-15	1/16W 39K ohm
R82	032-0140-52	1/16W 33K ohm
R83	119-0000-05	1/16W 0 ohm
R84	119-0000-05	1/16W 0 ohm
R85	119-1021-15	1/16W 1K ohm
R86	119-1021-15	1/16W 1K ohm
R87	119-1021-15	1/16W 1K ohm
R88	119-1021-15	1/16W 1K ohm
R89	119-1021-15	1/16W 1K ohm
R90	119-1021-15	1/16W 1K ohm
R91	119-1021-15	1/16W 1K ohm
R92	119-1021-15	1/16W 1K ohm
R93	032-0195-57	1/8W 3.3 ohm
R94	119-1021-15	1/16W 1K ohm
R97	119-1021-15	1/16W 1K ohm
R98	119-1021-15	1/16W 1K ohm
R100	119-1021-15	1/16W 1K ohm
R101	119-1021-15	1/16W 1K ohm
R103	119-1011-15	1/16W 100 ohm
R104	119-1011-15	1/16W 100 ohm
R105	119-1031-15	1/16W 10K ohm
R106	119-1021-15	1/16W 1K ohm
R107	119-1021-15	1/16W 1K ohm
R108	119-2201-15	1/16W 22 ohm
R109	119-0000-05	1/16W 0 ohm
R110	119-0000-05	1/16W 0 ohm
R111	119-1041-15	1/16W 100K ohm
R112	119-1041-15	1/16W 100K ohm
R118	119-1021-15	1/16W 1K ohm

REF No.	PART No.	DESCRIPTION
R120	119-1021-15	1/16W 1K ohm
R121	119-1021-15	1/16W 1K ohm
R147	119-1021-15	1/16W 1K ohm
R148	119-5601-15	1/16W 56 ohm
R149	119-1021-15	1/16W 1K ohm
R150	119-9131-15	1/16W 91K ohm
R151	119-1031-15	1/16W 10K ohm
R153	119-1031-15	1/16W 10K ohm
R154	119-4731-15	1/16W 47K ohm
R155	119-1031-15	1/16W 10K ohm
R156	119-5601-15	1/16W 56 ohm
R157	119-5601-15	1/16W 56 ohm
R161	119-4731-15	1/16W 47K ohm
R167	119-1021-15	1/16W 1K ohm
R169	119-1031-15	1/16W 10K ohm
R170	119-5601-15	1/16W 56 ohm
R171	119-5601-15	1/16W 56 ohm
R172	119-5601-15	1/16W 56 ohm
R173	032-0140-52	1/16W 33K ohm
R174	032-0140-52	1/16W 33K ohm
R321	119-1031-15	1/16W 10K ohm
R322	119-1031-15	1/16W 10K ohm
R323	119-3311-15	1/16W 330 ohm
R324	119-3311-15	1/16W 330 ohm
R325	119-5621-15	1/16W 5.6K ohm
R326	119-5621-15	1/16W 5.6K ohm
R371	119-4721-15	1/16W 4.7K ohm
RCA1	855-5506-60	LINE_OUT
RCA2	855-5516-60	AUX
SUP101	060-0122-20	Surge Protector
SW1	013-7420-00	FLIP
SW2	013-6103-00	RESET
U1	051-2060-00	LA47201
U2	051-3524-90	XC6219
U3	051-3349-00	HA13166
U4	051-3528-90	TPS77601PWP
U5	051-4022-90	SI4730
U7	051-1378-90	NC7S04
U9	051-3061-90	NJM14558M
U10	051-3061-90	NJM14558M
U13	052-3989-00	C8051F410
U14	051-5045-90	NJW1192
V1	001-9204-00	ERZV10D220
X1	061-3506-90	MM20SS
PWB	039-3147-01	PWB (WITHOUT COMPONENT)

Switch PWB (B2) section

REF No.	PART No.	DESCRIPTION
C1	043-0606-90	6V3 2u2F
C2	043-0606-90	6V3 2u2F
C3	043-0606-90	6V3 2u2F
C4	043-0606-90	6V3 2u2F
C5	043-0606-90	6V3 2u2F
C6	043-0606-90	6V3 2u2F
C7	043-0607-90	25V 15pF
C8	043-0606-90	6V3 2u2F
C9	043-0608-90	16V 22nF
C10	046-4732-78	16V 47nF

REF No.	PART No.	DESCRIPTION
C11	046-4732-78	16V 47nF
C12	046-4732-78	16V 47nF
C13	046-1022-58	50V 1nF
C14	043-0607-90	25V 15pF
C15	043-0611-90	50V 10pF
C16	043-0609-90	50V 9pF
C19	043-0612-90	50V 27pF
C20	046-1032-78	16V 10nF
C21	043-0611-90	50V 10pF
C22	043-0611-90	50V 10pF

REF No.	PART No.	DESCRIPTION
C23	043-0610-90	10V 1uF
C24	046-1042-78	16V 100nF
C25	046-1032-78	16V 10nF
C26	043-0613-90	25V 4u7F
C27	043-0603-92	25V 1uF
C28	043-0606-90	6V3 2u2F
C29	043-0607-90	25V 15pF
C30	046-1032-78	16V 10nF
C31	046-1032-78	16V 10nF
C32	046-1032-78	16V 10nF

REF No.	PART No.	DESCRIPTION
C33	046-1032-78	16V 10nF
C34	043-0606-90	6V3 2u2F
C35	043-0606-90	6V3 2u2F
C36	046-1042-78	16V 100nF
C38	043-0606-90	6V3 2u2F
C39	043-0606-90	6V3 2u2F
C41	046-1042-78	16V 100nF
C42	043-0606-90	6V3 2u2F
C43	046-1032-78	16V 10nF
C44	046-1032-78	16V 10nF
C46	046-1042-78	16V 100nF
C47	046-1042-78	16V 100nF
C55	046-1042-78	16V 100nF
C58	046-1042-78	16V 100nF
C59	043-0610-90	10V 1uF
C60	046-1042-78	16V 100nF
C61	043-0610-90	10V 1uF
C63	043-0610-90	10V 1uF
C64	043-0610-90	10V 1uF
D1	001-4314-51	ZENER 6V8
D2	001-1322-90	BAV70
D3	001-1321-90	BAV99
D4	001-1321-90	BAV99
D5	001-1321-90	BAV99
D6	001-1321-90	BAV99
D7	001-1321-90	BAV99
D8	001-1321-90	BAV99
D9	001-1321-90	BAV99
D10	001-1321-90	BAV99
D11	001-1321-90	BAV99
D12	001-4314-52	ZENER 24V
D16	001-1322-90	BAV70
D17	001-1322-90	BAV70
J2	076-0647-00	PLUG
J3	074-2290-60	CONNECTOR
J6	074-8006-00	SD SLOT
L1	010-3419-90	1uH
L2	010-3078-91	15nH
L3	010-3078-91	15nH
L4	010-3078-91	15nH
L5	010-3419-90	1uH
LED1	001-7819-91	BLUE LED
LED2	001-7819-91	BLUE LED
LED3	001-7819-91	BLUE LED
LED4	001-7819-91	BLUE LED
LED5	001-7819-91	BLUE LED
LED6	001-7819-91	BLUE LED
LED7	001-7819-91	BLUE LED
LED8	001-7819-91	BLUE LED
LED9	001-7825-92	WHITE LED
LED10	001-7825-92	WHITE LED
LED11	001-7825-92	WHITE LED
LED12	001-7828-90	WHITE LED
LED13	001-7828-90	WHITE LED
LED14	001-7819-91	BLUE LED
LED15	001-7830-90	TRI COLOUR LED
LED16	001-7830-90	TRI COLOUR LED
Q1	125-4022-90	BC846B
Q2	125-4022-90	BC846B

REF No.	PART No.	DESCRIPTION
Q3	125-4022-90	BC846B
Q4	125-4022-90	BC846B
Q5	125-4022-90	BC846B
Q6	125-4022-90	BC846B
Q7	125-4022-90	BC846B
Q8	125-4022-90	BC846B
Q9	125-4022-90	BC846B
Q10	125-4022-90	BC846B
Q11	125-4022-90	BC846B
Q12	125-4022-90	BC846B
Q13	125-4022-90	BC846B
Q14	125-4022-90	BC846B
Q15	125-4022-90	BC846B
Q17	125-4022-90	BC846B
Q18	125-4022-90	BC846B
R1	032-0150-50	1/16W 10K ohm
R2	032-0150-54	1/16W 1K ohm
R3	032-0150-54	1/16W 1K ohm
R4	032-0150-54	1/16W 1K ohm
R5	032-0150-54	1/16W 1K ohm
R7	032-0193-54	1/16W 2K2 ohm
R9	032-0193-58	1/16W 2R2 ohm
R10	032-0193-58	1/16W 2R2 ohm
R11	032-0193-58	1/16W 2R2 ohm
R12	032-0193-58	1/16W 2R2 ohm
R13	032-0150-50	1/16W 10K ohm
R15	032-0150-50	1/16W 10K ohm
R17	032-0150-54	1/16W 1K ohm
R18	032-0150-54	1/16W 1K ohm
R19	032-0193-55	1/16W 47K ohm
R20	032-0193-55	1/16W 47K ohm
R21	032-0193-55	1/16W 47K ohm
R22	032-0193-55	1/16W 47K ohm
R23	032-0150-50	1/16W 10K ohm
R24	032-0150-50	1/16W 10K ohm
R25	032-0150-50	1/16W 10K ohm
R26	032-0150-50	1/16W 10K ohm
R27	032-0150-50	1/16W 10K ohm
R28	032-0194-50	1/16W 0 ohm
R29	032-0150-59	1/16W 100K ohm
R31	032-0150-50	1/16W 10K ohm
R32	032-0150-50	1/16W 10K ohm
R33	032-0150-50	1/16W 10K ohm
R34	032-0150-50	1/16W 10K ohm
R35	032-0150-50	1/16W 10K ohm
R36	032-0150-50	1/16W 10K ohm
R37	032-0150-50	1/16W 10K ohm
R39	032-0150-59	1/16W 100K ohm
R41	032-0150-50	1/16W 10K ohm
R42	032-0150-54	1/16W 1K ohm
R43	032-0193-50	1/16W 100 ohm
R44	032-0150-50	1/16W 10K ohm
R45	032-0150-54	1/16W 1K ohm
R46	032-0150-54	1/16W 1K ohm
R47	032-0150-54	1/16W 1K ohm
R48	032-0150-54	1/16W 1K ohm
R49	032-0150-55	1/16W 2K7 ohm
R50	032-0150-54	1/16W 1K ohm
R51	032-0150-50	1/16W 10K ohm

REF No.	PART No.	DESCRIPTION
R52	032-0193-54	1/16W 2K2 ohm
R53	032-0193-57	1/16W 3K9 ohm
R54	032-0150-50	1/16W 10K ohm
R55	032-0193-54	1/16W 2K2 ohm
R56	032-0193-54	1/16W 2K2 ohm
R57	032-0150-50	1/16W 10K ohm
R58	032-0150-50	1/16W 10K ohm
R59	032-0150-50	1/16W 10K ohm
R60	032-0193-50	1/16W 100 ohm
R61	032-0150-54	1/16W 1K ohm
R62	032-0193-50	1/16W 100 ohm
R63	032-0150-54	1/16W 1K ohm
R64	032-0150-54	1/16W 1K ohm
R65	032-0194-50	1/16W 0 ohm
R66	032-0150-59	1/16W 100K ohm
R67	032-0193-55	1/16W 47K ohm
R68	032-0195-50	1/8W 100 ohm
R69	032-0150-50	1/16W 10K ohm
R70	032-0193-55	1/16W 47K ohm
R71	032-0193-51	1/16W 4K7 ohm
R72	032-0195-58	1/8W 36 ohm
R73	032-0195-50	1/8W 100 ohm
R74	032-0195-56	1/8W 56 ohm
R75	032-0195-54	1/8W 120 ohm
R76	032-0195-50	1/8W 100 ohm
R77	032-0195-50	1/8W 100 ohm
R78	032-0150-60	1/16W 470 ohm
R79	032-0193-56	1/16W 390 ohm
R80	032-0150-54	1/16W 1K ohm
R81	032-0195-55	1/8W 82 ohm
R82	032-0195-55	1/8W 82 ohm
R83	032-0195-55	1/8W 82 ohm
R84	032-0195-55	1/8W 82 ohm
R85	032-0195-52	1/8W 180 ohm
R86	032-0195-53	1/8W 220 ohm
R87	032-0195-53	1/8W 220 ohm
R88	032-0195-53	1/8W 220 ohm
R89	032-0196-52	1/4W 150 ohm
R90	032-0196-51	1/4W 56 ohm
R91	116-0000-05	1/4W 0 ohm
R92	032-0195-55	1/8W 82 ohm
R93	032-0150-55	1/16W 2K7 ohm
R94	032-0150-50	1/16W 10K ohm
R95	032-0150-54	1/16W 1K ohm
SW2	013-6312-50	SW PUSH BUTTON
SW3	013-6312-50	SW PUSH BUTTON
SW4	013-6312-50	SW PUSH BUTTON
SW5	013-6312-50	SW PUSH BUTTON
SW6	013-6312-50	SW PUSH BUTTON
SW7	013-6312-50	SW PUSH BUTTON
SW8	013-6312-50	SW PUSH BUTTON
SW9	013-6312-50	SW PUSH BUTTON
SW10	013-6312-50	SW PUSH BUTTON
SW11	013-6312-50	SW PUSH BUTTON
SW12	013-6312-50	SW PUSH BUTTON
SW13	013-6312-50	SW PUSH BUTTON
SW14	013-6312-50	SW PUSH BUTTON
SW15	013-6312-50	SW PUSH BUTTON
SW16	016-9901-03	Rotary Encoder

REF No.	PART No.	DESCRIPTION
TR1	060-2636-90	DBF81F104-CSR-T
U1	081-0038-00	SKB-2242S-C1033H46
U2	051-6527-90	BC57E687A
U3	052-3990-00	SST39WF800A

REF No.	PART No.	DESCRIPTION
U4	051-3526-90	XC6209H332PRN
U5	051-7257-90	SN74LVC2G66DCUR
U6	051-3525-90	XC6219A332MRN

REF No.	PART No.	DESCRIPTION
U7	052-3989-00	C8051F410-GQ
X1	061-9503-90	CX3225SB260 00F0FFG08
PWB	039-3148-01	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	311-1848-03	LOWER CASE	1
B	039-3147-01	MAIN PWB	1
C	-	DETECTOR SWITCH	1
D	370-6320-00	INNER ESC (PE-8500B-A/K-A)	1
	370-6320-01	INNER ESC (PE-8500B-B/K-B)	1
E	313-2034-00	HEAT SINK	1
F	731-3008-8B	TAPTIGHT	4
G	731-3012-8B	TAPTIGHT	2
H	714-3006-8B	MC SCREW	2
I	335-0833-01	CABLE TIE	1

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

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

Step 3
Unsolder 4 points on the main PWB (Figure 1), then press the detector switch (C) from inner excutcheon (D) for remove the main PWB (B).

Step 4
Then remove the main PWB for repairing.

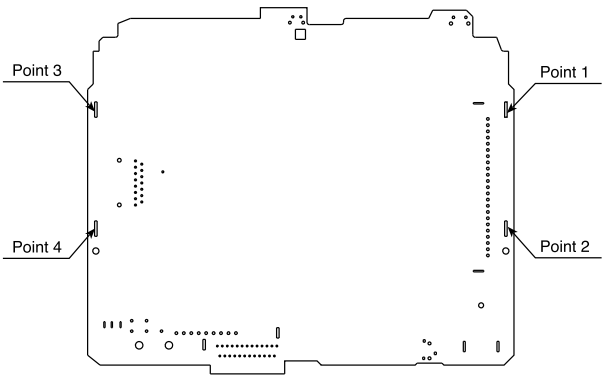
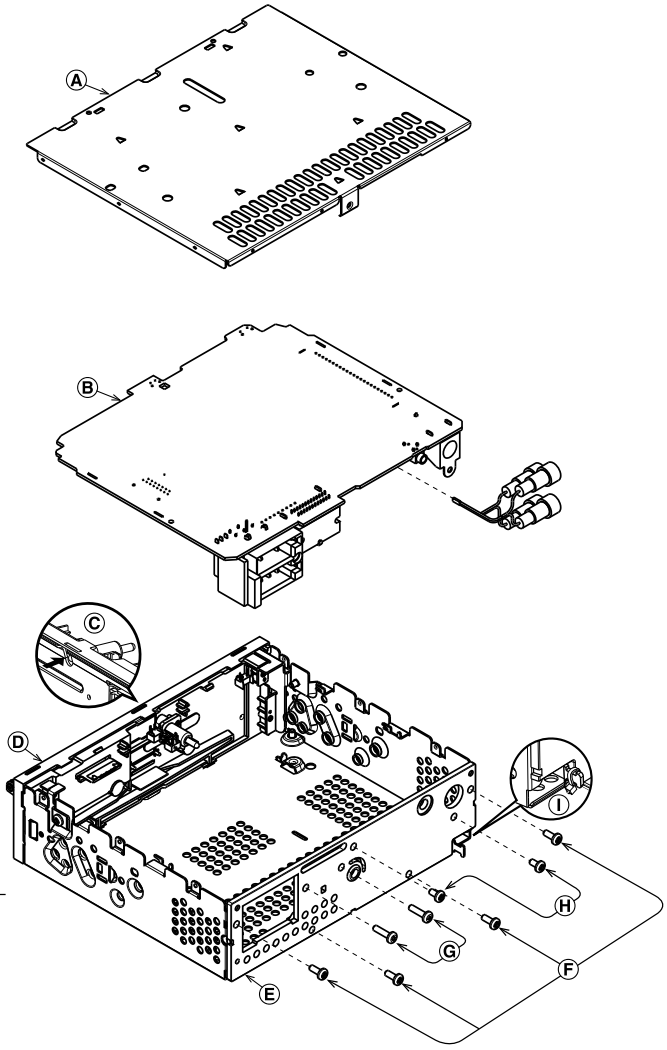


Figure 1

View from bottom side