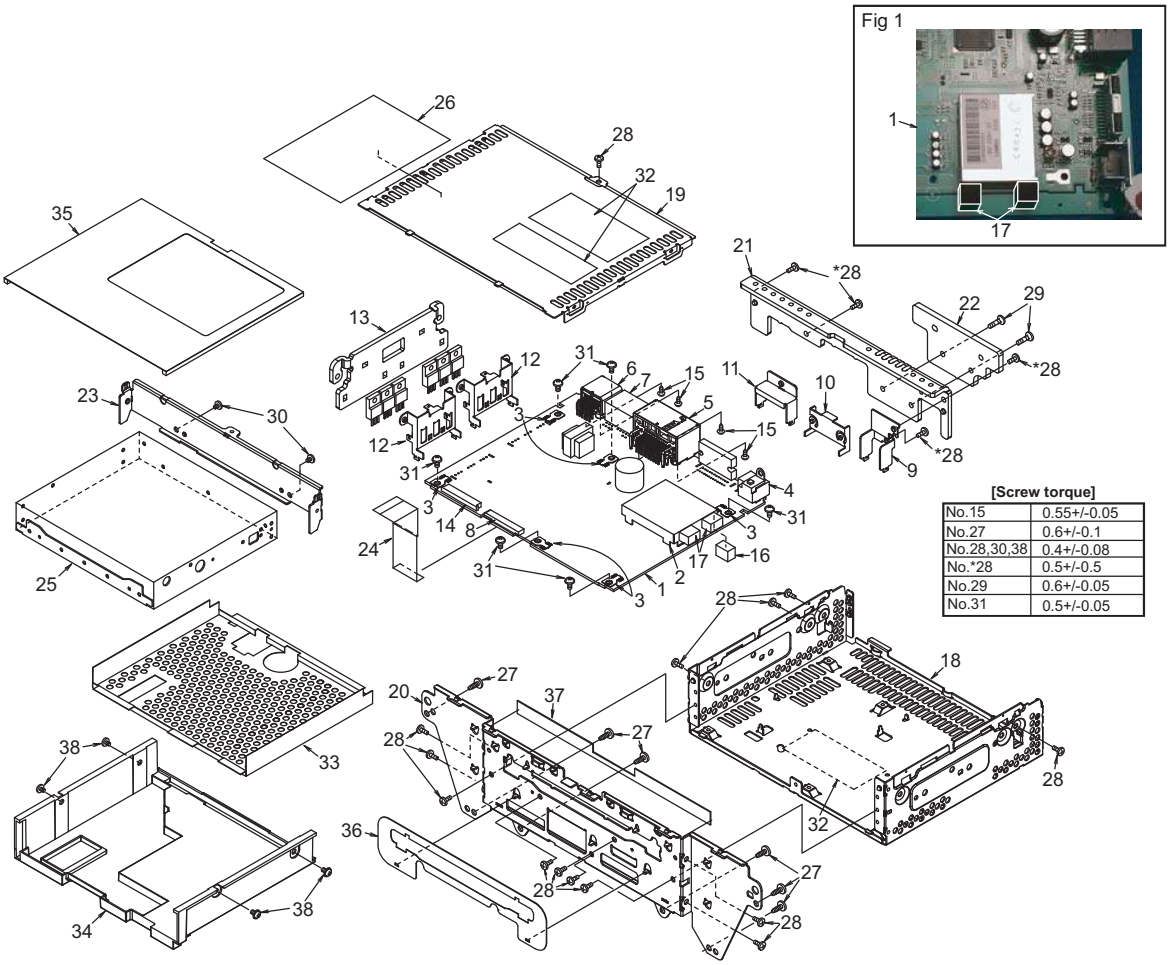
EXPLODED VIEW / PARTS LIST

Main section

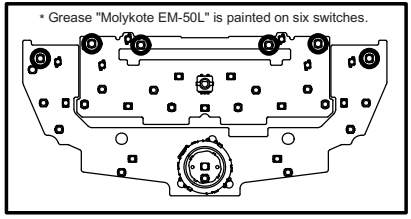


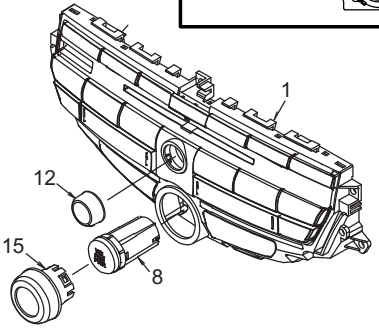
Note)Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

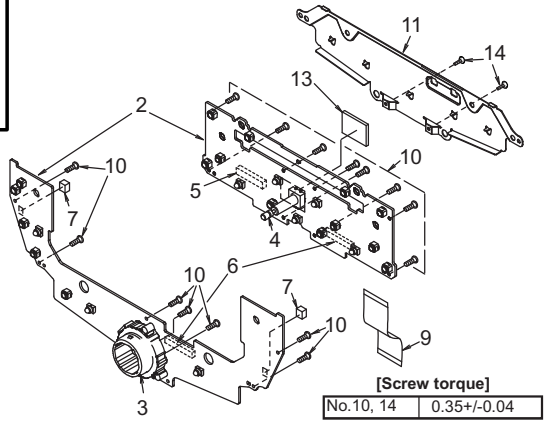
NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	Main PWB	1
2	880-2091G	TUNER PACK	1
3	073-0762-90	TERMINAL	6
4	092-2209-00	ANT-RECEPT	1
5	074-4026-24	OUTLET SOCKET (24P)	1
6	074-4017-12	OUTLET SOCKET (12P)	1
7	074-1168-14	OUTLET SOCKET (14P)	1
8	074-1237-79	OUTLET SOCKET (29P)	1
9	331-4065-00	ANT HOLDER	1
10	331-3459-00	IC HOLDER	1
11	331-3769-00	OUTLET HOLDER	1
12	331-4066-00	TR HOLDER	2
13	313-2017-00	SUB HEAT SINK	1
14	076-3011-74	PLUG (24P)	1
15	778-3005-00	TAP SCREW (M3x5)	4
16	345-6341-00	GASKET	1
17	345-6066-00	GASKET	2
18	311-1943-01	LOWER CASE	1
19	310-1859-01	UPPER CASE	1
20	331-4410-01	ES-PLATE (A)	1

NO.	PART NO.	DESCRIPTION	Q'TY
21	313-2015-03	HEAT SINK (A)	1
22	313-2016-02	HEAT SINK (B)	1
23	331-4412-00	MECH BRKT	1
24	816-4028-50	FLAT WIRE	1
25	929-5024-82	CD-MECH-MODULE	1
26	290-0273-00	LABEL (PH3348BA/3350BA)	1
27	716-1553-50	SCREW (M3x8)	6
28	714-2606-8B	MACHINE SCREW (M2.6x6)	18
29	714-2614-8H	MACHINE SCREW (M2.6x14)	2
30	714-2603-8B	MACHINE SCREW (M2.6x3)	2
31	716-0878-50	SCREW (M2.6x5)	6
32	276-0678-35 286-0678-36 286-0678-37 286-0678-34	SETPLATE (PH3347BA) SETPLATE (PH3348BA) SETPLATE (PH3349BA) SETPLATE (PH3350BA)	1
33	347-8233-00	MECH CVR (PH3347BA/3349BA)	1
34	335-8174-01	MECH CVR (PH3348BA/3350BA)	1
35	347-8322-00	SHEET (PH3348BA/3350BA)	1
36	335-8175-01	D-P-SHEET (PH3348BA/3350BA)	1
37	347-8323-00	SHADE (PH3348BA/3350BA)	1
38	780-2603-07	SCREW (M2.6x3) (PH3348BA/3350BA)	4

Escutcheon section







NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8187-51 940-8187-61 940-8187-70	ES-ASSY(PH3347BA/PH3349BA) ES-ASSY(PH3348BA) ES-ASSY(PH3350BA)	1
2	----------	Switch PWB	1
3	016-7003-00	ROTARY ENODER	1
4	016-0018-20	VR W/SHAFT	1
5	074-3014-74	SOCKET (24P)	1
6	074-1158-69	SOCKET (19P)	2
7	345-6341-00	GASKET	2

NO.	PART NO.	DESCRIPTION	Q'TY
8	948-0786-02	BUTTON ASSY	1
9	816-4042-50	FLAT WIRE	1
10	716-0778-51	SCREW (M2x6)	15
11	331-4411-01	PRESSED PART	1
12	380-5704-01	KNOB (S)	1
13	345-6057-01	CUSHION RUBBER	1
14	716-3615-00	SCREW (M2x8)	2
15	380-5703-01	KNOB	1

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-2209-00	ANTENNA RECEPT
BL101	880-2091G	TUNER PACK
C102	168-1032-55	0.01uF K
C103	166-1011-50	100pF CH
C104	166-2201-50	22pF CH
C105	165-4743-65	50V 0.47uF
C106	166-1011-50	100pF CH
C107	043-0319-51	200pF J CH
C109	168-1022-55	1000pF K
C110	165-1073-35	16V 100uF
C111	168-1022-55	1000pF K
C112	165-1073-35	16V 100uF
C113	165-1053-65	50V 1uF
C117	168-1022-55	1000pF K
C118	168-1022-55	1000pF K
C119	168-1022-55	1000pF K
C120	168-1022-55	1000pF K
C121	168-1022-55	1000pF K
C123	165-4763-35	16V 47uF
C125	165-1063-35	16V 10uF
C126	168-1042-78	16V 0.1uF K
C127	165-1073-15	6.3V 100uF
C128	168-1042-78	16V 0.1uF K
C129	043-0554-90	25V 10uF
C130	168-3332-78	0.033uF K
C131	165-1073-15	6.3V 100uF
C132	168-1042-78	16V 0.1uF K
C133	168-1022-55	1000pF K
C135	043-0554-90	25V 10uF
C136	166-1011-50	100pF CH
C137	168-1042-78	16V 0.1uF K
C138	168-1042-78	16V 0.1uF K
C139	042-1767-90	16V 470uF
C140	043-0499-51	50V 0.1uF J
C201	178-1022-78	1000pF
C202	178-1022-78	1000pF
C204	168-1042-78	16V 0.1uF K
C205	168-1042-78	16V 0.1uF K
C206	168-1032-55	0.01uF K
C207	168-2212-55	220pF K
C208	166-1007-50	10pF CH
C209	168-1042-78	16V 0.1uF K
C210	168-1042-78	16V 0.1uF K
C211	166-1007-50	10pF CH
C212	168-1042-78	16V 0.1uF K
C213	166-1011-50	100pF CH
C214	168-1042-78	16V 0.1uF K
C215	168-1042-78	16V 0.1uF K
C217	168-1042-78	16V 0.1uF K
C218	168-4722-55	4700pF K
C219	168-1042-78	16V 0.1uF K
C220	168-1042-78	16V 0.1uF K
C221	168-2212-55	220pF K
C222	168-1042-78	16V 0.1uF K
C223	168-1042-78	16V 0.1uF K
C224	168-2222-55	2200pF K
C225	168-1042-78	16V 0.1uF K
C226	168-1042-78	16V 0.1uF K
C227	165-1073-15	6.3V 100uF
C228	043-0554-90	25V 10uF
C229	168-1042-78	16V 0.1uF K
C230	168-1042-78	16V 0.1uF K
C231	165-1073-15	6.3V 100uF
C232	165-4763-15	6.3V 47uF
C233	168-1042-78	16V 0.1uF K
C234	165-4763-15	6.3V 47uF
C235	168-1042-78	16V 0.1uF K
C236	043-0554-90	25V 10uF
C237	043-0554-90	25V 10uF
C238	168-1042-78	16V 0.1uF K
C239	168-1042-78	16V 0.1uF K

REF No.	PART No.	DESCRIPTION
C240	168-1042-78	16V 0.1uF K
C241	042-1767-90	16V 470uF
C242	042-1768-90	16V 10uF
C243	168-1022-55	1000pF K
C251	168-1022-55	1000pF K
C252	168-1022-55	1000pF K
C261	166-1011-50	100pF CH
C291	168-2222-55	2200pF K
C301	166-1011-50	100pF CH
C302	178-1052-78	25V 1uF
C304	168-1032-55	0.01uF K
C305	168-1022-55	1000pF K
C306	168-1042-78	16V 0.1uF K
C307	165-4753-55	35V 4.7uF
C308	168-1022-55	1000pF K
C309	168-1022-55	1000pF K
C310	168-1042-78	16V 0.1uF K
C311	042-1737-90	6.3V 1000uF M
C312	165-4753-55	35V 4.7uF
C313	042-1737-90	6.3V 1000uF M
C315	165-1063-35	16V 10uF
C316	166-8096-50	8pF +/-0.25pF CH
C317	168-1042-78	16V 0.1uF K
C319	165-1063-35	16V 10uF
C320	168-1032-55	0.01uF K
C323	168-1032-55	0.01uF K
C371	168-1022-55	1000pF K
C401	165-2253-65	50V 2.2uF
C402	165-2253-65	50V 2.2uF
C403	165-2253-65	50V 2.2uF
C404	165-2253-65	50V 2.2uF
C405	165-2253-65	50V 2.2uF
C406	165-2253-65	50V 2.2uF
C407	165-2253-65	50V 2.2uF
C408	165-2253-65	50V 2.2uF
C409	165-4753-55	35V 4.7uF
C410	168-1042-78	16V 0.1uF K
C411	166-1811-50	180pF CH
C412	166-1007-50	10pF CH
C413	166-1007-50	10pF CH
C414	168-1022-55	1000pF K
C415	166-1511-50	150pF CH
C416	166-1511-50	150pF CH
C417	166-1511-50	150pF CH
C418	166-1511-50	150pF CH
C419	166-1511-50	150pF CH
C420	166-1511-50	150pF CH
C421	166-1511-50	150pF CH
C422	166-1511-50	150pF CH
C423	165-4753-55	35V 4.7uF
C424	168-1042-78	16V 0.1uF K
C425	165-4753-55	35V 4.7uF
C426	168-1042-78	16V 0.1uF K
C427	168-1022-55	1000pF K
C428	168-1022-55	1000pF K
C429	166-1011-50	100pF CH
C430	168-1042-78	16V 0.1uF K
C431	168-1042-78	16V 0.1uF K
C432	168-1042-78	16V 0.1uF K
C433	168-5622-55	5600pF K
C434	168-5622-55	5600pF K
C435	165-4753-55	35V 4.7uF
C436	168-1042-78	16V 0.1uF K
C437	168-2232-55	0.022uF K
C438	165-1073-15	6.3V 100uF
C439	168-1042-78	16V 0.1uF K
C440	043-0554-90	25V 10uF
C441	168-1042-78	16V 0.1uF K
C442	168-4732-78	0.047uF K
C443	043-0504-50	10V 4.7uF
C444	165-2263-15	6.3V 22uF

REF No.	PART No.	DESCRIPTION
C445	168-1042-78	16V 0.1uF K
C446	168-1042-78	16V 0.1uF K
C447	168-1022-55	1000pF K
C448	165-4763-15	6.3V 47uF
C449	168-2232-55	0.022uF K
C450	165-1063-35	16V 10uF
C451	178-1052-78	25V 1uF
C452	168-1042-78	16V 0.1uF K
C453	168-1042-78	16V 0.1uF K
C454	168-3332-78	0.033uF K
C457	168-3322-55	3300pF K
C458	168-3322-55	3300pF K
C459	178-1052-78	25V 1uF
C460	168-2222-55	2200pF K
C461	168-2222-55	2200pF K
C463	168-1042-78	16V 0.1uF K
C464	168-1042-78	16V 0.1uF K
C465	168-2232-55	0.022uF K
C467	168-2232-55	0.022uF K
C468	168-4712-55	470pF K
C472	168-2222-55	2200pF K
C473	168-2222-55	2200pF K
C474	165-2263-15	6.3V 22uF
C475	168-1022-55	1000pF K
C476	168-1042-78	16V 0.1uF K
C477	042-1767-90	16V 470uF
C478	168-1042-78	16V 0.1uF K
C479	042-2273-25	10V 220uF M
C480	168-1042-78	16V 0.1uF K
C505	165-2263-15	6.3V 22uF
C506	165-2263-15	6.3V 22uF
C507	165-2263-15	6.3V 22uF
C508	165-2263-15	6.3V 22uF
C509	165-2253-65	50V 2.2uF
C510	165-2253-65	50V 2.2uF
C511	165-2253-65	50V 2.2uF
C512	165-2253-65	50V 2.2uF
C513	166-5611-50	560pF CH
C514	166-5611-50	560pF CH
C515	166-5611-50	560pF CH
C516	166-5611-50	560pF CH
C517	166-5611-50	560pF CH
C518	166-5611-50	560pF CH
C519	166-1011-50	100pF CH
C520	166-1011-50	100pF CH
C521	166-2201-50	22pF CH
C522	166-2201-50	22pF CH
C523	166-2201-50	22pF CH
C524	166-2201-50	22pF CH
C525	166-1011-50	100pF CH
C526	166-1011-50	100pF CH
C527	166-5611-50	560pF CH
C528	166-5611-50	560pF CH
C529	166-5611-50	560pF CH
C530	166-5611-50	560pF CH
C531	166-5611-50	560pF CH
C532	166-5611-50	560pF CH
C533	168-1042-78	16V 0.1uF K
C534	165-1073-35	16V 100uF
C535	165-2263-15	6.3V 22uF
C538	168-5612-55	560pF Z
C541	168-1545-56	0.15uF Z
C542	168-1545-56	0.15uF Z
C543	168-1545-56	0.15uF Z
C544	168-1545-56	0.15uF Z
C545	165-1063-35	16V 10uF
C546	043-0499-51	50V 0.1uF J
C548	168-2222-55	2200pF K
C549	168-2222-55	2200pF K
C550	168-2222-55	2200pF K
C551	168-2222-55	2200pF K

Note) Several different parts of the same reference number are alternative parts.One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION
C552	168-1032-55	0.01uF K
C553	043-0499-51	50V 0.1uF J
C554	168-2222-55	2200pF K
C555	178-2222-78	2200pF
C556	165-3353-65	50V 3.3uF
C557	168-2222-55	2200pF K
C558	178-2222-78	2200pF
C559	168-2222-55	2200pF K
C560	178-2222-78	2200pF
C561	168-2222-55	2200pF K
C562	178-2222-78	2200pF
C563	043-0499-51	50V 0.1uF J
C564	189-3383-31	16V 3300uF
D101	001-2403-90	M1F60
D102	001-2403-90	M1F60
D103	001-0516-90	MA111
D104	001-0529-47	MA8091-M
D105	001-0516-90	MA111
D106	001-0516-90	MA111
D107	001-0529-28	MA8051-L
D109	001-0529-48	MA8091-H
D110	001-0529-50	MA8100-M
D111	001-2403-90	M1F60
D112	001-2403-90	M1F60
D113	001-2403-90	M1F60
D201	001-0529-69	MA8180-M
D202	001-0529-32	MA8056-M
D203	001-0529-32	MA8056-M
D205	001-0516-90	MA111
D206	001-0529-48	MA8091-H
D209	001-0516-90	MA111
D210	001-0516-90	MA111
D211	001-2403-90	M1F60
D212	001-0516-90	MA111
D217	001-0535-90	MA729
D219	001-0529-45	MA8082-H
D220	001-9210-50	AVR-M1608C270MT AAD
D221	001-9210-50	AVR-M1608C270MT AAD
D222	001-9210-50	AVR-M1608C270MT AAD
D223	001-9210-50	AVR-M1608C270MT AAD
D302	001-0504-42	HZS7 C3L
D303	001-0529-43	MA8082-L
D304	001-0516-90	MA111
D305	001-0529-48	MA8091-H
D501	001-2403-90	M1F60
D502	001-0592-00	RM4Z
IC101	051-3354-90	BA33BC0WFP
IC102	051-3218-90	TA76431F
IC103	051-3344-90	BD3930FP-E2
IC201	051-9318-00	MSM51V17400D-60 TS-K
IC201	051-9318-10	IS45S16100E-7TLA1 (PU3347B/3349B Only)
IC202	051-6648-90	HA12240FP-EL
IC203	051-3408-90	BA2903FV
IC204	051-6711-20	TC94A34FG-004
IC205	051-3364-90	NJU7771F15
IC206	051-3364-90	NJU7771F15
IC207	051-3543-90	BD33KA5WFP-E2
IC301	051-5423-38	BD5329G-TR
IC302	051-9423-90	BR93L86REV-W E2
IC303	052-3217-02	uPD703273VYGCC0 58EAA
IC304	051-5811-90	L9637D
IC401	----------	SAF7730HV/N317F
IC501	051-3057-90	BA4558RFV
IC502	051-3019-90	NJM2060V

REF No.	PART No.	DESCRIPTION
IC503	051-3019-90	NJM2060V
IC504	051-2042-00	TA8275H
J201	074-1237-79	SOCKE (29P)
J202	074-1168-14	SOCKE (14P)
J203	074-4017-12	SOCKE (12P)
J501	074-4026-24	SOCKE (24P)
L101	010-2003-04	30uH
L102	010-4011-20	2.5mH +3/-3%
L103	010-3104-50	30 ohm/100MHz
L104	010-3406-66	22uH J
L106	010-3104-50	30 ohm/100MHz
L201	010-3105-62	1k ohm/100MHz
L202	010-3105-62	1k ohm/100MHz
L203	010-2285-51	120 ohm/100MHz
L204	010-3105-62	1k ohm/100MHz
L205	010-3104-50	30 ohm/100MHz
L206	010-3104-50	30 ohm/100MHz
L207	010-3105-62	1k ohm/100MHz
L211	010-3105-62	1k ohm/100MHz
L212	010-3105-62	1k ohm/100MHz
L301	010-3105-62	1k ohm/100MHz
L302	010-3406-66	22uH J
L303	010-3406-66	22uH J
L401	010-3105-62	1k ohm/100MHz
L402	010-3105-62	1k ohm/100MHz
L403	010-3105-62	1k ohm/100MHz
L404	010-3105-62	1k ohm/100MHz
L405	010-3105-62	1k ohm/100MHz
L406	010-3105-62	1k ohm/100MHz
L407	010-3105-62	1k ohm/100MHz
L408	010-3105-62	1k ohm/100MHz
L409	010-3105-62	1k ohm/100MHz
L410	010-3105-62	1k ohm/100MHz
L411	010-3105-62	1k ohm/100MHz
L412	010-3105-62	1k ohm/100MHz
L413	010-3105-62	1k ohm/100MHz
L414	010-3105-62	1k ohm/100MHz
L415	010-2198-51	0.22uH
L416	010-3105-62	1k ohm/100MHz
P301	076-3011-74	PLUG (24P)
Q101	192-4081-00	2SC4081
Q102	192-4081-00	2SC4081
Q103	125-2027-91	DTC114EUA
Q104	190-1736-00	2SA1736
Q105	103-2394-00	2SD2394
Q106	103-2394-00	2SD2394
Q107	192-5810-00	2SC5810 TE12L
Q108	192-4081-00	2SC4081
Q109	125-2027-91	DTC114EUA
Q110	191-1197-50	2SB1197K Q,R
Q113	125-2027-90	DTC143EUA
Q114	190-1736-00	2SA1736
Q117	192-5810-00	2SC5810 TE12L
Q118	192-5810-00	2SC5810 TE12L
Q119	125-2027-91	DTC114EUA
Q120	125-0021-91	DTA114EUA
Q121	103-2394-00	2SD2394
Q122	103-2394-00	2SD2394
Q123	125-2027-91	DTC114EUA
Q124	125-0021-91	DTA114EUA
Q125	125-2027-90	DTC143EUA
Q126	125-0021-97	DTA113ZUA-T106
Q201	192-5810-00	2SC5810 TE12L
Q202	190-1738-00	2SA1738
Q203	192-2814-51	2SC2814-4/5-TB-E
Q204	192-2814-51	2SC2814-4/5-TB-E
Q205	190-1738-00	2SA1738
Q206	125-2027-91	DTC114EUA
Q207	190-1298-00	2SA1298
Q210	192-4081-00	2SC4081
Q211	103-2394-00	2SD2394
Q212	125-2027-91	DTC114EUA

REF No.	PART No.	DESCRIPTION
Q213	125-0021-91	DTA114EUA
Q303	192-4081-00	2SC4081
Q304	192-4081-00	2SC4081
Q306	192-2712-00	2SC2712
Q401	125-7005-90	PHK04P02T
Q501	125-2027-91	DTC114EUA
Q502	125-0021-91	DTA114EUA
Q509	125-2027-91	DTC114EUA
R101	119-2221-15	1/10W 2.2k ohm
R102	119-1031-15	1/10W 10k ohm
R104	119-1521-15	1/10W 1.5k ohm
R105	119-1031-15	1/10W 10k ohm
R106	116-1521-15	1/4W 1.5k ohm
R107	119-1031-15	1/10W 10k ohm
R108	116-1591-15	1/4W 1.5 ohm
R109	116-1591-15	1/4W 1.5 ohm
R110	116-1591-15	1/4W 1.5 ohm
R111	116-1591-15	1/4W 1.5 ohm
R112	119-4731-15	1/10W 47k ohm
R114	117-6821-15	1/8W 6.8k ohm
R115	119-1041-15	1/10W 100k ohm
R118	119-0000-05	1/10W 0 ohm JW
R119	117-5621-15	1/8W 5.6k ohm
R120	119-1011-15	1/10W 100 ohm
R121	119-1521-15	1/10W 1.5k ohm
R122	119-6821-15	1/10W 6.8k ohm
R123	119-6821-15	1/10W 6.8k ohm
R124	119-1011-15	1/10W 100 ohm
R126	119-1011-15	1/10W 100 ohm
R127	119-1031-15	1/10W 10k ohm
R128	119-1011-15	1/10W 100 ohm
R129	119-1011-15	1/10W 100 ohm
R130	119-1011-15	1/10W 100 ohm
R131	116-5691-15	1/4W 5.6 ohm
R132	119-1011-15	1/10W 100 ohm
R134	117-2721-15	1/8W 2.7k ohm
R138	119-1031-15	1/10W 10k ohm
R140	116-2291-15	1/4W 2.2 ohm
R141	116-2291-15	1/4W 2.2 ohm
R143	116-6811-15	1/4W 680 ohm
R144	119-3321-15	1/10W 3.3k ohm
R145	119-1031-15	1/10W 10k ohm
R146	119-1031-15	1/10W 10k ohm
R147	119-4791-15	1/10W 4.7 ohm
R148	119-1031-15	1/10W 10k ohm
R149	119-4791-15	1/10W 4.7 ohm
R150	116-1221-15	1/4W 1.2k ohm
R151	116-1221-15	1/4W 1.2k ohm
R152	116-1221-15	1/4W 1.2k ohm
R153	116-1221-15	1/4W 1.2k ohm
R154	117-8211-15	1/8W 820 ohm
R155	116-3011-15	1/4W 300 ohm
R156	116-3011-15	1/4W 300 ohm
R157	116-3011-15	1/4W 300 ohm
R158	116-3011-15	1/4W 300 ohm
R161	116-0000-05	1/4W 0 ohm JW
R201	116-1211-15	1/4W 120 ohm
R202	119-1031-15	1/10W 10k ohm
R203	119-3321-15	1/10W 3.3k ohm
R204	116-6801-15	1/4W 68 ohm
R205	116-1011-15	1/4W 100 ohm
R206	116-1011-15	1/4W 100 ohm
R207	119-1031-15	1/10W 10k ohm
R208	119-1031-15	1/10W 10k ohm
R209	119-4721-15	1/10W 4.7k ohm
R210	119-4721-15	1/10W 4.7k ohm
R211	116-1011-15	1/4W 100 ohm
R212	119-4721-15	1/10W 4.7k ohm
R213	119-4721-15	1/10W 4.7k ohm
R214	119-1521-15	1/10W 1.5k ohm
R215	116-8201-15	1/4W 82 ohm
R216	119-2251-15	1/10W 2.2M ohm

Note) Some parts depend on each model. The model name is specified in the description.

REF No.	PART No.	DESCRIPTION
R217	032-0140-72	1/10W 470 ohm F
R219	119-1031-15	1/10W 10k ohm
R220	119-4721-15	1/10W 4.7k ohm
R221	119-2211-15	1/10W 220 ohm
R222	119-4721-15	1/10W 4.7k ohm
R223	119-5641-15	1/10W 560k ohm
R224	119-4721-15	1/10W 4.7k ohm
R225	119-1021-15	1/10W 1k ohm
R226	119-4721-15	1/10W 4.7k ohm
R227	119-8221-15	1/10W 8.2k ohm
R228	119-1031-15	1/10W 10k ohm
R229	119-1031-15	1/10W 10k ohm
R230	119-1031-15	1/10W 10k ohm
R231	119-1021-15	1/10W 1k ohm
R232	119-1031-15	1/10W 10k ohm
R233	119-3331-15	1/10W 33k ohm
R234	116-1021-15	1/4W 1k ohm
R235	119-1031-15	1/10W 10k ohm
R236	119-1821-15	1/10W 1.8k ohm
R237	116-1521-15	1/4W 1.5k ohm
R238	119-1031-15	1/10W 10k ohm
R239	119-1031-15	1/10W 10k ohm
R240	119-3331-15	1/10W 33k ohm
R241	119-3321-15	1/10W 3.3k ohm
R242	119-1031-15	1/10W 10k ohm
R243	119-3321-15	1/10W 3.3k ohm
R245	119-3331-15	1/10W 33k ohm
R246	119-1031-15	1/10W 10k ohm
R248	119-3331-15	1/10W 33k ohm
R250	119-1031-15	1/10W 10k ohm
R251	116-6811-15	1/4W 680 ohm
R252	119-1821-15	1/10W 1.8k ohm
R253	119-1821-15	1/10W 1.8k ohm
R271	119-4731-15	1/10W 47k ohm
R272	119-4731-15	1/10W 47k ohm
R301	119-1031-15	1/10W 10k ohm (PH3347BA/ PH3349BA Only)
R302	119-1031-15	1/10W 10k ohm (PH3350BA Only)
R303	119-1031-15	1/10W 10k ohm (PH3348BA/ PH3350BA Only)
R304	119-1031-15	1/10W 10k ohm (PH3348BA Only)
R305	119-1041-15	1/10W 100k ohm
R309	119-3331-15	1/10W 33k ohm
R310	119-3331-15	1/10W 33k ohm
R311	119-3331-15	1/10W 33k ohm
R312	119-3331-15	1/10W 33k ohm
R313	119-1021-15	1/10W 1k ohm
R314	119-1021-15	1/10W 1k ohm
R315	119-1021-15	1/10W 1k ohm
R316	119-1021-15	1/10W 1k ohm
R317	119-4731-15	1/10W 47k ohm
R319	119-0000-05	1/10W 0 ohm JW
R321	119-2241-15	1/10W 220k ohm
R322	119-3331-15	1/10W 33k ohm
R323	119-1021-15	1/10W 1k ohm
R324	119-3331-15	1/10W 33k ohm
R325	119-3331-15	1/10W 33k ohm
R326	119-3331-15	1/10W 33k ohm
R327	119-3331-15	1/10W 33k ohm
R328	119-1031-15	1/10W 10k ohm
R329	119-3331-15	1/10W 33k ohm
R330	119-2221-15	1/10W 2.2k ohm
R331	119-3331-15	1/10W 33k ohm
R332	119-6831-15	1/10W 68k ohm
R333	119-6831-15	1/10W 68k ohm
R334	117-2221-15	1/8W 2.2k ohm
R335	119-1021-15	1/10W 1k ohm
R336	119-1031-15	1/10W 10k ohm
R337	119-3331-15	1/10W 33k ohm

REF No.	PART No.	DESCRIPTION
R338	119-1021-15	1/10W 1k ohm
R339	119-3331-15	1/10W 33k ohm
R340	119-3331-15	1/10W 33k ohm
R341	119-3331-15	1/10W 33k ohm
R342	119-4731-15	1/10W 47k ohm
R343	119-1011-15	1/10W 100 ohm
R344	119-1011-15	1/10W 100 ohm
R345	119-3331-15	1/10W 33k ohm
R346	119-1031-15	1/10W 10k ohm
R347	119-1031-15	1/10W 10k ohm
R349	119-1011-15	1/10W 100 ohm
R350	119-1011-15	1/10W 100 ohm
R351	119-1021-15	1/10W 1k ohm
R352	119-1021-15	1/10W 1k ohm
R353	119-1021-15	1/10W 1k ohm
R354	119-1021-15	1/10W 1k ohm
R356	119-1031-15	1/10W 10k ohm
R357	119-1031-15	1/10W 10k ohm
R358	119-3331-15	1/10W 33k ohm
R359	119-4731-15	1/10W 47k ohm
R360	119-4731-15	1/10W 47k ohm
R361	119-4731-15	1/10W 47k ohm
R362	119-4731-15	1/10W 47k ohm
R363	119-1031-15	1/10W 10k ohm
R364	119-1031-15	1/10W 10k ohm
R366	119-1031-15	1/10W 10k ohm
R370	119-1041-15	1/10W 100k ohm
R372	119-1041-15	1/10W 100k ohm
R375	119-0000-05	1/10W 0 ohm JW
R376	119-0000-05	1/10W 0 ohm JW
R378	116-0000-05	1/4W 0 ohm JW
R379	116-0000-05	1/4W 0 ohm JW
R380	119-3331-15	1/10W 33k ohm
R382	119-3331-15	1/10W 33k ohm
R383	119-3331-15	1/10W 33k ohm
R384	116-0000-05	1/4W 0 ohm JW
R386	119-3331-15	1/10W 33k ohm
R387	119-1031-15	1/10W 10k ohm
R391	119-1021-15	1/10W 1k ohm
R396	119-4721-15	1/10W 4.7k ohm
R397	119-4721-15	1/10W 4.7k ohm
R398	119-4721-15	1/10W 4.7k ohm
R399	119-4721-15	1/10W 4.7k ohm
R401	032-0140-52	1/10W 33k ohm F
R402	032-0140-52	1/10W 33k ohm F
R403	119-3331-15	1/10W 33k ohm
R404	119-3331-15	1/10W 33k ohm
R405	032-0140-52	1/10W 33k ohm F
R406	032-0140-52	1/10W 33k ohm F
R407	032-0140-52	1/10W 33k ohm F
R408	032-0140-52	1/10W 33k ohm F
R409	119-3331-15	1/10W 33k ohm
R410	119-3331-15	1/10W 33k ohm
R411	119-3331-15	1/10W 33k ohm
R412	119-3331-15	1/10W 33k ohm
R413	119-1031-15	1/10W 10k ohm
R414	119-1021-15	1/10W 1k ohm
R417	119-1031-15	1/10W 10k ohm
R418	119-1031-15	1/10W 10k ohm
R419	119-3331-15	1/10W 33k ohm
R420	119-3331-15	1/10W 33k ohm
R421	119-3331-15	1/10W 33k ohm
R423	119-3331-15	1/10W 33k ohm
R425	119-1001-15	1/10W 10 ohm
R428	032-0140-52	1/10W 33k ohm F
R429	032-0140-52	1/10W 33k ohm F
R430	032-0140-52	1/10W 33k ohm F
R431	032-0140-52	1/10W 33k ohm F
R433	119-1031-15	1/10W 10k ohm
R434	119-1031-15	1/10W 10k ohm
R435	119-1011-15	1/10W 100 ohm
R436	119-1011-15	1/10W 100 ohm
R438	119-1011-15	1/10W 100 ohm

REF No.	PART No.	DESCRIPTION
R439	119-1011-15	1/10W 100 ohm
R440	119-1011-15	1/10W 100 ohm
R441	119-1021-15	1/10W 1k ohm
R442	119-1021-15	1/10W 1k ohm
R444	119-1031-15	1/10W 10k ohm
R446	119-1031-15	1/10W 10k ohm
R448	119-1001-15	1/10W 10 ohm
R450	119-1011-15	1/10W 100 ohm
R471	119-2201-15	1/10W 22 ohm
R501	119-1021-15	1/10W 1k ohm
R502	119-1021-15	1/10W 1k ohm
R503	119-1021-15	1/10W 1k ohm
R504	119-1021-15	1/10W 1k ohm
R505	119-4731-15	1/10W 47k ohm
R506	119-4731-15	1/10W 47k ohm
R507	119-4731-15	1/10W 47k ohm
R508	119-4731-15	1/10W 47k ohm
R509	119-0000-05	1/10W 0 ohm JW
R510	119-0000-05	1/10W 0 ohm JW
R511	119-0000-05	1/10W 0 ohm JW
R512	119-0000-05	1/10W 0 ohm JW
R513	119-6821-15	1/10W 6.8k ohm
R514	119-6821-15	1/10W 6.8k ohm
R515	119-6821-15	1/10W 6.8k ohm
R516	119-6821-15	1/10W 6.8k ohm
R517	119-6821-15	1/10W 6.8k ohm
R518	119-6821-15	1/10W 6.8k ohm
R519	119-1031-15	1/10W 10k ohm
R522	119-1031-15	1/10W 10k ohm
R523	119-1531-15	1/10W 15k ohm
R524	119-1531-15	1/10W 15k ohm
R525	119-1031-15	1/10W 10k ohm
R526	119-1031-15	1/10W 10k ohm
R529	119-0000-05	1/10W 0 ohm JW
R530	119-0000-05	1/10W 0 ohm JW
R531	119-0000-05	1/10W 0 ohm JW
R532	119-0000-05	1/10W 0 ohm JW
R533	119-1531-15	1/10W 15k ohm
R534	119-1531-15	1/10W 15k ohm
R535	119-6821-15	1/10W 6.8k ohm
R536	119-6821-15	1/10W 6.8k ohm
R537	119-4731-15	1/10W 47k ohm
R538	119-4731-15	1/10W 47k ohm
R541	119-2221-15	1/10W 2.2k ohm
R542	119-2221-15	1/10W 2.2k ohm
R543	119-2221-15	1/10W 2.2k ohm
R544	119-2221-15	1/10W 2.2k ohm
R545	119-1041-15	1/10W 100k ohm
R546	119-3321-15	1/10W 3.3k ohm
R547	119-1041-15	1/10W 100k ohm
R548	117-0000-05	1/8W 0 ohm JW
R549	119-1041-15	1/10W 100k ohm
R550	119-1041-15	1/10W 100k ohm
R551	116-1011-15	1/4W 100 ohm
R552	119-4721-15	1/10W 4.7k ohm
SUP101	060-0122-91	DSP-141N-S00B
T501	009-0670-80	180uH
TC301	004-1583-52	20pF RED
TH101	002-0318-21	THERMISTOR
TM101	073-0762-90	TERMINAL
TM102	073-0762-90	TERMINAL
TM103	073-0762-90	TERMINAL
TM201	073-0762-90	TERMINAL
TM202	073-0762-90	TERMINAL
TM501	073-0762-90	TERMINAL
X201	061-3534-90	16.92MHz
X301	061-3560-90	3.145728MHz AT-41CD2
X401	061-3537-90	41.6MHz
PWB	039-3102-02	PWB(WITHOUT COMPONENTS)

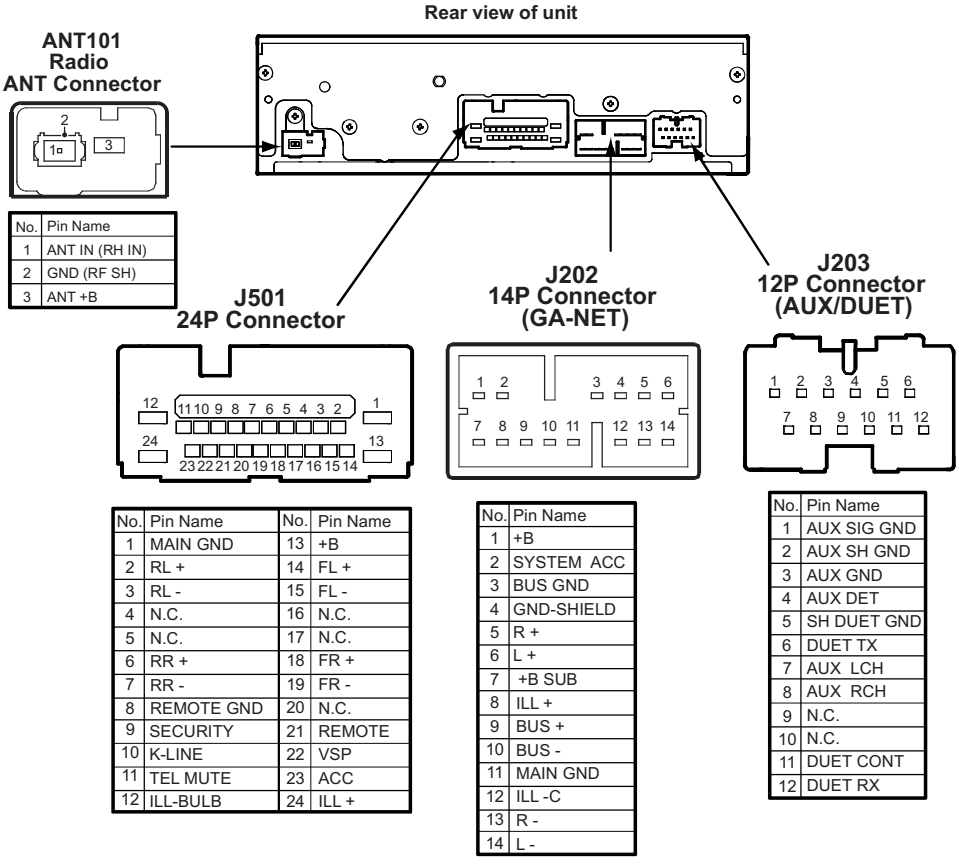
Switch PWB(B2) section

REF No.	PART No.	DESCRIPTION
C902	166-2201-50	22pF CH
C903	166-2201-50	22pF CH
C904	043-0554-90	25V 10uF
C905	168-1042-78	16V 0.1uF K
C906	166-2201-50	22pF CH
C907	166-2201-50	22pF CH
D901	001-0535-90	MA729
D902	001-0535-90	MA729
D903	001-0535-90	MA729
D904	001-0535-90	MA729
D905	001-0535-90	MA729
D906	001-0535-90	MA729
D907	001-0535-90	MA729
D908	001-0535-90	MA729
D909	001-0535-90	MA729
D910	001-0535-90	MA729
D911	001-0535-90	MA729
D912	001-0535-90	MA729
D913	001-0535-90	MA729
D914	001-0535-90	MA729
D915	001-0535-90	MA729
D916	001-0535-90	MA729
D917	001-0535-90	MA729
D918	001-0535-90	MA729
D919	001-0535-90	MA729
D920	001-0535-90	MA729
D921	001-0535-90	MA729
D922	001-0535-90	MA729
D935	001-7103-91	CL-191S-MG-D-T (GRN)
IC901	051-6652-90	R8A66151SP-DF0Z
J901	074-1158-69	SOCKET (19P)
J902	074-1158-69	SOCKET (19P)
J903	074-3014-74	SOCKET (24P)
PL901	017-0460-02	8V70mA BLU

REF No.	PART No.	DESCRIPTION
PL902	017-0460-02	8V70mA BLU
PL903	017-0464-52	8V70mA BLU
PL904	017-0464-52	8V70mA BLU
PL905	017-0464-52	8V70mA BLU
PL906	017-0464-52	8V70mA BLU
PL907	017-0464-52	8V70mA BLU
PL908	017-0460-02	8V70mA BLU
PL909	017-0464-52	8V70mA BLU
PL910	017-0460-02	8V70mA BLU
PL911	017-0464-52	8V70mA BLU
PL912	017-0460-02	8V70mA BLU
PL913	017-0464-52	8V70mA BLU
PL914	017-0460-02	8V70mA BLU
PL915	017-0464-52	8V70mA BLU
PL916	017-0464-52	8V70mA BLU
Q901	125-2027-91	DTC114EUA
Q902	125-2027-91	DTC114EUA
R901	119-4711-15	1/10W 470 ohm
R902	119-4711-15	1/10W 470 ohm
R903	119-4711-15	1/10W 470 ohm
R904	119-4711-15	1/10W 470 ohm
R905	119-4711-15	1/10W 470 ohm
R906	119-1021-15	1/10W 1k ohm
R907	119-1021-15	1/10W 1k ohm
R908	119-1021-15	1/10W 1k ohm
R909	119-1021-15	1/10W 1k ohm
R910	119-1021-15	1/10W 1k ohm
R913	119-0000-05	1/10W 0 ohm JW
R914	119-0000-05	1/10W 0 ohm JW
R915	119-0000-05	1/10W 0 ohm JW
R916	119-0000-05	1/10W 0 ohm JW
R917	119-0000-05	1/10W 0 ohm JW
R918	119-1811-15	1/10W 180 ohm
R919	119-2721-15	1/10W 2.7k ohm
R920	119-4721-15	1/10W 4.7k ohm

REF No.	PART No.	DESCRIPTION
R921	117-0000-05	1/8W 0 ohm JW
R930	119-1041-15	1/10W 100k ohm
R931	119-1041-15	1/10W 100k ohm
R932	119-1041-15	1/10W 100k ohm
R933	119-1041-15	1/10W 100k ohm
R934	119-1041-15	1/10W 100k ohm
S901	013-6202-52	SKPMBJE010
S902	013-6202-52	SKPMBJE010
S903	013-6202-52	SKPMBJE010
S904	013-6202-52	SKPMBJE010
S905	013-6202-52	SKPMBJE010
S906	013-6201-52	SKPMAP010
S907	013-6201-52	SKPMAP010
S910	013-6207-50	SKPMAQE010
S911	013-6201-52	SKPMAP010
S912	013-6207-50	SKPMAQE010
S913	013-6207-50	SKPMAQE010
S914	013-6201-52	SKPMAP010
S915	013-6202-52	SKPMBJE010
S916	013-6201-52	SKPMAP010
S917	013-6201-52	SKPMAP010
S920	013-6207-50	SKPMAQE010
S921	013-6207-50	SKPMAQE010
S922	013-6201-52	SKPMAP010
S923	013-6207-50	SKPMAQE010
S924	013-6207-50	SKPMAQE010
S925	013-6201-52	SKPMAP010
S926	013-6202-52	SKPMBJE010
S927	016-7003-00	ROTARY-SW EC40 A15204
TM905	073-0786-90	TERMINAL
TM906	073-0786-90	TERMINAL
VR901	016-0018-20	ROTALY ENCODER
PWB	039-3101-00	PWB(WITHOUT COMPONENTS)

CONNECTION



No.	Pin Name
1	ANT IN (RH IN)
2	GND (RF SH)
3	ANT +B

No.	Pin Name	No.	Pin Name
1	MAIN GND	13	+B
2	RL +	14	FL +
3	RL -	15	FL -
4	N.C.	16	N.C.
5	N.C.	17	N.C.
6	RR +	18	FR +
7	RR -	19	FR -
8	REMOTE GND	20	N.C.
9	SECURITY	21	REMOTE
10	K-LINE	22	VSP
11	TEL MUTE	23	ACC
12	ILL-BULB	24	ILL +

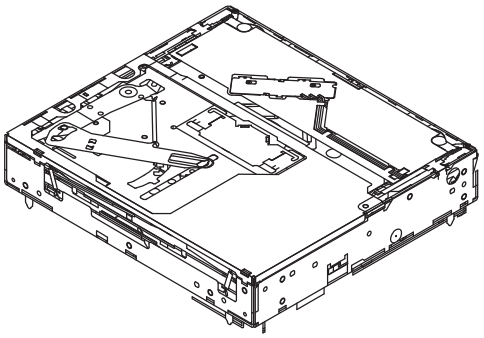
No.	Pin Name
1	+B
2	SYSTEM ACC
3	BUS GND
4	GND-SHIELD
5	R +
6	L +
7	+B SUB
8	ILL +
9	BUS +
10	BUS -
11	MAIN GND
12	ILL -C
13	R -
14	L -

No.	Pin Name
1	AUX SIG GND
2	AUX SH GND
3	AUX GND
4	AUX DET
5	SH DUET GND
6	DUET TX
7	AUX LCH
8	AUX RCH
9	N.C.
10	N.C.
11	DUET CONT
12	DUET RX

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Service Manual



CD Mechanism

Model 929-5024-82

ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF
C2	163-1073-35	16V 100uF
C4	178-1052-78	1uF
C5	042-0560-85	6.3V 100uF
C6	178-1052-78	1uF
C8	178-1052-78	1uF
C10	168-1042-78	16V 0.1uF
C11	168-1042-78	16V 0.1uF
C12	045-4701-50	47pF CH
C13	046-1532-78	0.015uF B
C14	168-1042-78	16V 0.1uF
C15	046-1032-78	0.01uF B
C17	046-4722-58	4700pF B
C18	046-1522-58	1500pF B
C19	168-1042-78	16V 0.1uF
C20	168-1042-78	16V 0.1uF
C21	046-6812-58	680pF B
C22	168-1042-78	16V 0.1uF
C23	046-1532-78	0.015uF B
C24	168-1042-78	16V 0.1uF
C25	045-6801-50	68pF CH
C26	168-1042-78	16V 0.1uF
C27	046-3332-78	0.033uF B
C29	046-6822-58	6800pF B

REF No.	PART No.	DESCRIPTION
C30	168-1042-78	16V 0.1uF
C31	046-4712-58	470pF B
C32	046-4712-58	470pF B
C33	168-1042-78	16V 0.1uF
C34	168-4732-78	0.047uF K
C35	168-4732-78	0.047uF K
C36	045-1007-50	10pF CH
C37	045-1007-50	10pF CH
C38	168-1042-78	16V 0.1uF
C39	046-5622-58	5600pF B
C40	168-1042-78	16V 0.1uF
C42	176-6801-50	68pF CH
C43	166-6801-50	68pF CH
C44	176-6801-50	68pF CH
C45	176-6801-50	68pF CH
CCT1	050-0140-63	1/32W 47k ohm x4J
D1	001-0367-91	1SS226
IC1	051-6079-90	BA5830FP-E2
IC2	051-6399-00	TC94A15F
J101	074-1228-79	29P
J201	074-1138-65	15P
J301	074-1138-60	10P
Q1	131-1188-50	2SB1188PQR
R1	117-6811-15	1/8W 680 ohm

REF No.	PART No.	DESCRIPTION
R2	117-1001-15	1/8W 10 ohm
R3	033-2211-15	1/10W 220 ohm
R5	033-0000-05	1/10W 0 ohm
R6	033-5621-15	1/10W 5.6k ohm
R7	033-4731-15	1/10W 47k ohm
R8	033-3341-15	1/10W 330k ohm
R9	033-2231-15	1/10W 22k ohm
R10	033-2231-15	1/10W 22k ohm
R11	033-2731-15	1/10W 27k ohm
R12	033-4731-15	1/10W 47k ohm
R13	033-2731-15	1/10W 27k ohm
R14	033-1531-15	1/10W 15k ohm
R15	033-2731-15	1/10W 27k ohm
R16	033-8231-15	1/10W 82k ohm
R17	033-2731-15	1/10W 27k ohm
R18	033-8231-15	1/10W 82k ohm
R19	033-1051-15	1/10W 1M ohm
R20	119-2221-15	1/10W 2.2k ohm
R22	119-0000-05	1/10W 0 ohm JW
TM1	073-0768-90	TERMINAL
X2	061-3534-90	16.92MHz
PWB	039-3172-21	PWB(WITHOUT COMPONENT)

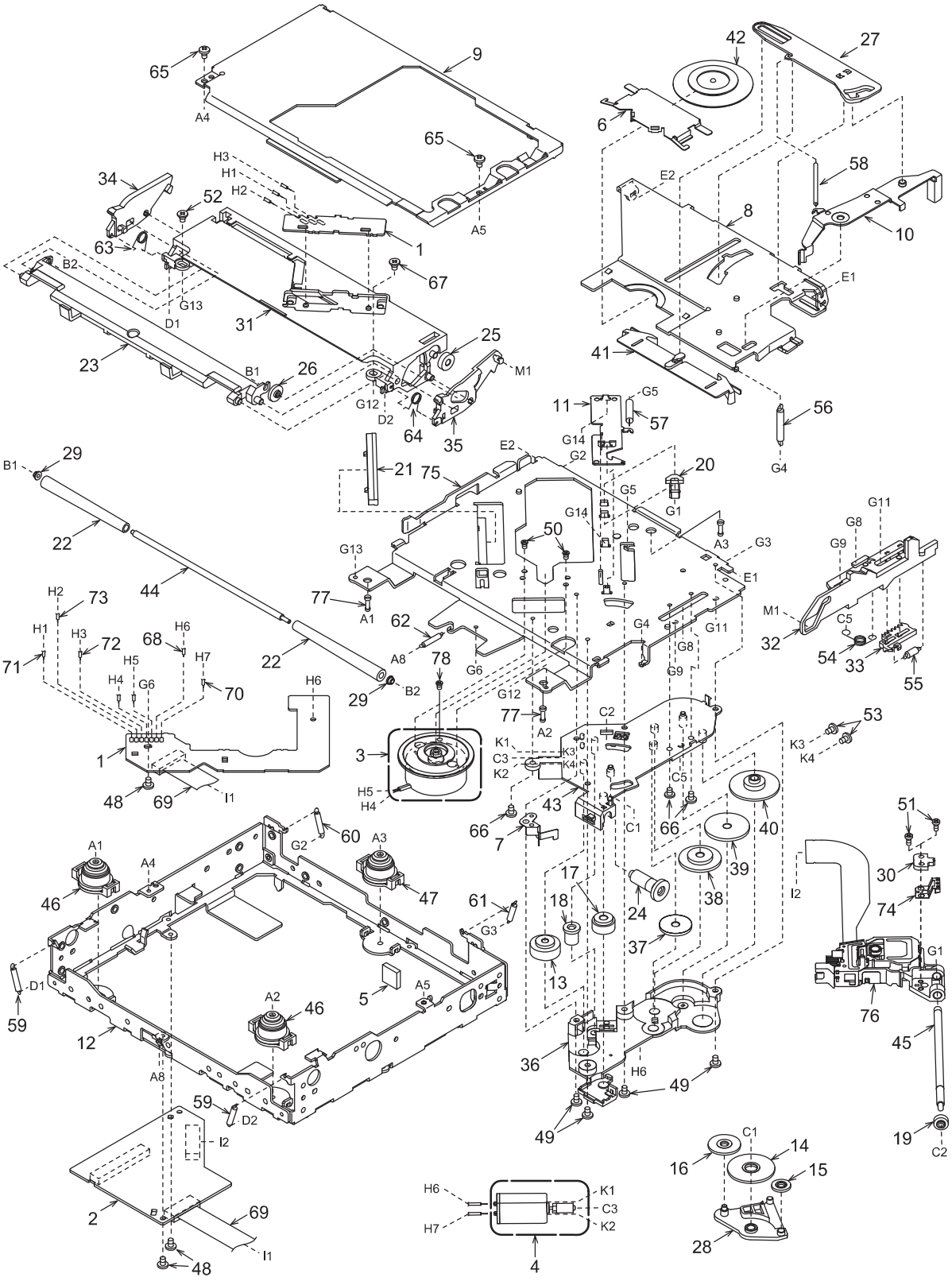
Sensor PWB(BM2) section

REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR
D2	001-7058-90	AN1105W-RR
J1	074-1138-60	10P

REF No.	PART No.	DESCRIPTION
Q1	060-4015-91	PS1192HB
Q2	060-4015-91	PS1192HB
S1	013-7414-50	CHUCKING

REF No.	PART No.	DESCRIPTION
S2	013-7413-50	LIMIT
PWB	039-2675-20	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	SENSOR PWB	1
2	----------	MAIN PWB	1
3	SMA-199-100	SPINDLE MOTOR-ASSY	1
4	SMA-183-100	SLED MOTOR-ASSY	1
5	345-5476-20	CUSHION RUBBER	1
6	620-1023-23	CLAMPER PLATE	1
7	620-1026-21	SPRING PLATE	1
8	620-1596-23	CLAMPER LINK	1
9	620-1862-20	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1
11	620-1753-20	ID-LOCK PLATE	1
12	620-1868-20	LOWER CHASSIS	1
13	621-0608-21	SECOND GEAR	1
14	621-0609-21	BASE GEAR	1
15	621-0610-21	IDLE GEAR A	1
16	621-0611-20	IDLE GEAR B	1
17	621-0612-22	ROLLER GEAR A	1
18	621-0620-20	THREAD GEAR A	1
19	621-0621-20	THREAD GEAR B	1
20	621-0623-24	LS-HOLDER	1
21	621-0624-22	GUIDE RAIL	1
22	621-0711-21	LOADING ROLLER	2
23	621-0718-21	ROLLER GUIDE	1
24	621-0719-20	ROLLER GEAR B	1
25	621-0720-20	ROLLER GEAR C	1
26	621-0721-20	ROLLER GEAR D	1
27	621-0728-20	STOPPER LINK	1
28	621-1719-20	IDLE CASE	1
29	621-1726-21	ROLLER SLEEVE	2
30	621-1729-21	SH-BASE	1
31	621-1742-20	UPPER GUIDE	1
32	621-1743-20	SHIFT LEVER	1
33	621-1744-20	RACK	1
34	621-1745-20	LOCK ARM L	1
35	621-1746-20	LOCK ARM R	1
36	621-1747-20	GEAR COVER	1
37	621-1748-20	POWER GEAR A	1
38	621-1749-20	POWER GEAR B	1
39	621-1750-20	POWER GEAR C	1

NO.	PART NO.	DESCRIPTION	Q'TY
40	621-1751-20	POWER GEAR D	1
41	621-1752-20	DISC STOPPER	1
42	621-1753-20	CLAMPER RING	1
43	621-1754-20	GEAR BASE	1
44	622-1571-21	ROLLER SHAFT	1
45	624-3059-00	LEAD SCREW	1
46	629-0086-20	DAMPER F	2
47	629-0087-20	DAMPER R	1
48	716-1507-01	SCREW(M2x3)	3
49	716-1670-01	SCREW(M2x4)	4
50	716-1733-01	SCREW(M1.7x2.3)	2
51	716-3469-01	SCREW(1.7x4)	2
52	716-3473-01	SCREW(M2x3)	1
53	716-3551-00	SCREW(M1.4x2.5)	2
54	750-7865-20	SHIFT SPRING	1
55	750-7866-20	RACK SPRING	1
56	750-7867-20	CLAMPER SPRING	1
57	750-7868-20	ID-LOCK SPRING	1
58	750-7869-20	SENSOR SPRING	1
59	750-7870-20	DR-SPRING F	2
60	750-7871-20	DR-SPRING RA	1
61	750-7872-20	DR-SPRING RB	1
62	750-7873-20	DR-SPRING C	1
63	750-6797-20	ROLLER SPRING L	1
64	750-6798-20	ROLLER SPRING R	1
65	714-2003-8B	SCREW(M2x3)	2
66	780-2025-00	SCREW(M2x2.5)	3
67	781-1730-00	SCREW(M1.7x3)	1
68	803-4906-60	VINYL-COAT-WIRE(ORG)	1
69	816-2542-01	FLAT WIRE	1
70	816-2590-00	VINYL-COAT-WIRE(GRN)	1
71	816-2591-00	VINYL-COAT-WIRE(YEL)	1
72	816-2592-00	VINYL-COAT-WIRE(BLUE)	1
73	816-2593-00	VINYL-COAT-WIRE(PUR)	1
74	966-1722-20	SH-RACK-ASSY	1
75	620-1866-20	DRIVE-PLATE	1
76	969-0071-30	PICKUP-ASSY	1
77	622-1570-21	DAMPER PIN	3
78	716-3635-00	SCREW (M1.7x0.35)	1