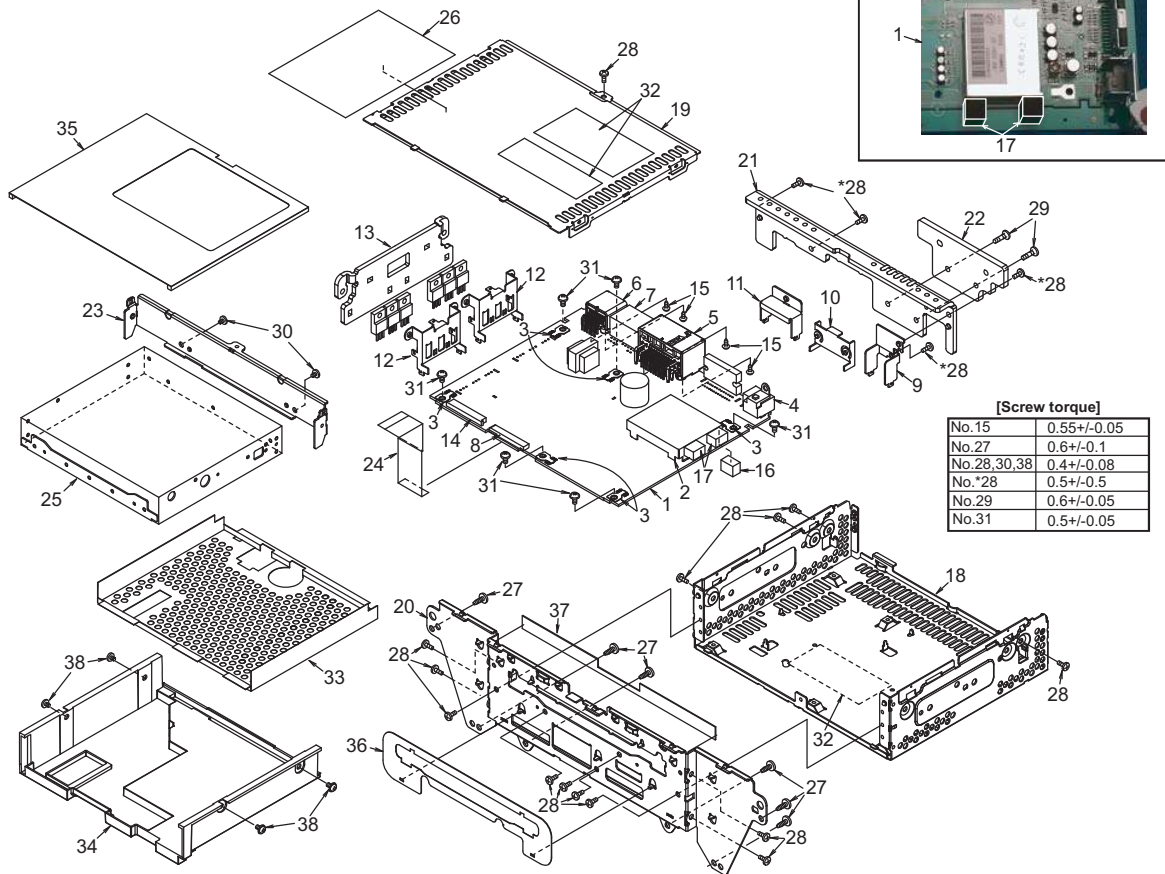


EXPLODED VIEW / PARTS LIST

Main section

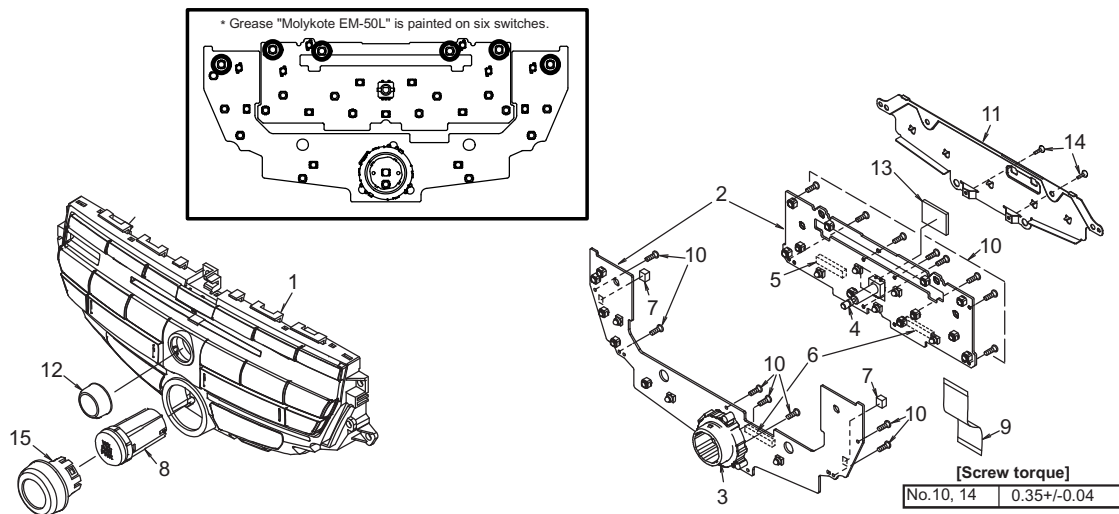


Note)Several different parts of the same reference number are alternative parts.

One of those parts is used in the set.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	Main PWB	1	21	313-2015-03	HEAT SINK (A)	1
2	880-2091G	TUNER PACK	1	22	313-2016-02	HEAT SINK (B)	1
3	073-0762-90	TERMINAL	6	23	331-4412-00	MECH BRKT	1
4	092-2209-00	ANT-RECEPT	1	24	816-4028-50	FLAT WIRE	1
5	074-4026-24	OUTLET SOCKET (24P)	1	25	929-5024-82	CD-MECH-MODULE	1
6	074-4017-12	OUTLET SOCKET (12P)	1	26	290-0273-00	LABEL (PH3348BA/3350BA)	1
7	074-1168-14	OUTLET SOCKET (14P)	1	27	716-1553-50	SCREW (M3x8)	6
8	074-1237-79	OUTLET SOCKET (29P)	1	28	714-2606-8B	MACHINE SCREW (M2.6x6)	18
9	331-4065-00	ANT HOLDER	1	29	714-2614-8H	MACHINE SCREW (M2.6x14)	2
10	331-3459-00	IC HOLDER	1	30	714-2603-8B	MACHINE SCREW (M2.6x3)	2
11	331-3769-00	OUTLET HOLDER	1	31	716-0878-50	SCREW (M2.6x5)	6
12	331-4066-00	TR HOLDER	2	32	276-0678-35 286-0678-36 286-0678-37 286-0678-34	SETPLATE (PH3347BA) SETPLATE (PH3348BA) SETPLATE (PH3349BA) SETPLATE (PH3350BA)	1
13	313-2017-00	SUB HEAT SINK	1	33	347-8233-00	MECH CVR (PH3347BA/3349BA)	1
14	076-3011-74	PLUG (24P)	1	34	335-8174-01	MECH CVR (PH3348BA/3350BA)	1
15	778-3005-00	TAP SCREW (M3x5)	4	35	347-8322-00	SHEET (PH3348BA/3350BA)	1
16	345-6341-00	GASKET	1	36	335-8175-01	D-P-SHEET (PH3348BA/3350BA)	1
17	345-6066-00	GASKET	2	37	347-8323-00	SHADE (PH3348BA/3350BA)	1
18	311-1943-01	LOWER CASE	1	38	780-2603-07	SCREW (M2.6x3) (PH3348BA/3350BA)	4
19	310-1859-01	UPPER CASE	1				
20	331-4410-01	ES-PLATE (A)	1				

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	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT101	092-2209-00	ANTENNA RECEPT	C240	168-1042-78	16V 0.1uF K	C445	168-1042-78	16V 0.1uF K
BL101	880-2091G	TUNER PACK	C241	042-1767-90	16V 470uF	C446	168-1042-78	16V 0.1uF K
C102	168-1032-55	0.01uF K	C242	042-1768-90	16V 10uF	C447	168-1022-55	1000pF K
C103	166-1011-50	100pF CH	C243	168-1022-55	1000pF K	C448	165-4763-15	6.3V 47uF
C104	166-2201-50	22pF CH	C251	168-1022-55	1000pF K	C449	168-2232-55	0.022uF K
C105	165-4743-65	50V 0.47uF	C252	168-1022-55	1000pF K	C450	165-1063-35	16V 10uF
C106	166-1011-50	100pF CH	C261	166-1011-50	100pF CH	C451	178-1052-78	25V 1uF
C107	043-0319-51	200pF J CH	C291	168-2222-55	2200pF K	C452	168-1042-78	16V 0.1uF K
C109	168-1022-55	1000pF K	C301	166-1011-50	100pF CH	C453	168-1042-78	16V 0.1uF K
C110	165-1073-35	16V 100uF	C302	178-1052-78	25V 1uF	C454	168-3332-78	0.033uF K
C111	168-1022-55	1000pF K	C304	168-1032-55	0.01uF K	C457	168-3322-55	3300pF K
C112	165-1073-35	16V 100uF	C305	168-1022-55	1000pF K	C458	168-3322-55	3300pF K
C113	165-1053-65	50V 1uF	C306	168-1042-78	16V 0.1uF K	C459	178-1052-78	25V 1uF
C117	168-1022-55	1000pF K	C307	165-4753-55	35V 4.7uF	C460	168-2222-55	2200pF K
C118	168-1022-55	1000pF K	C308	168-1022-55	1000pF K	C461	168-2222-55	2200pF K
C119	168-1022-55	1000pF K	C309	168-1022-55	1000pF K	C463	168-1042-78	16V 0.1uF K
C120	168-1022-55	1000pF K	C310	168-1042-78	16V 0.1uF K	C464	168-1042-78	16V 0.1uF K
C121	168-1022-55	1000pF K	C311	042-1737-90	6.3V 1000uF M	C465	168-2232-55	0.022uF K
C123	165-4763-35	16V 47uF	C312	165-4753-55	35V 4.7uF	C467	168-2232-55	0.022uF K
C125	165-1063-35	16V 10uF	C313	042-1737-90	6.3V 1000uF M	C468	168-4712-55	470pF K
C126	168-1042-78	16V 0.1uF K	C315	165-1063-35	16V 10uF	C472	168-2222-55	2200pF K
C127	165-1073-15	6.3V 100uF	C316	166-8096-50	8pF +/-0.25pF CH	C473	168-2222-55	2200pF K
C128	168-1042-78	16V 0.1uF K	C317	168-1042-78	16V 0.1uF K	C474	165-2263-15	6.3V 22uF
C129	043-0554-90	25V 10uF	C319	165-1063-35	16V 10uF	C475	168-1022-55	1000pF K
C130	168-3332-78	0.033uF K	C320	168-1032-55	0.01uF K	C476	168-1042-78	16V 0.1uF K
C131	165-1073-15	6.3V 100uF	C323	168-1032-55	0.01uF K	C477	042-1767-90	16V 470uF
C132	168-1042-78	16V 0.1uF K	C371	168-1022-55	1000pF K	C478	168-1042-78	16V 0.1uF K
C133	168-1022-55	1000pF K	C401	165-2253-65	50V 2.2uF	C479	042-2273-25	10V 220uF M
C135	043-0554-90	25V 10uF	C402	165-2253-65	50V 2.2uF	C480	168-1042-78	16V 0.1uF K
C136	166-1011-50	100pF CH	C403	165-2253-65	50V 2.2uF	C505	165-2263-15	6.3V 22uF
C137	168-1042-78	16V 0.1uF K	C404	165-2253-65	50V 2.2uF	C506	165-2263-15	6.3V 22uF
C138	168-1042-78	16V 0.1uF K	C405	165-2253-65	50V 2.2uF	C507	165-2263-15	6.3V 22uF
C139	042-1767-90	16V 470uF	C406	165-2253-65	50V 2.2uF	C508	165-2263-15	6.3V 22uF
C140	043-0499-51	50V 0.1uF J	C407	165-2253-65	50V 2.2uF	C509	165-2253-65	50V 2.2uF
C201	178-1022-78	1000pF	C408	165-2253-65	50V 2.2uF	C510	165-2253-65	50V 2.2uF
C202	178-1022-78	1000pF	C409	165-4753-55	35V 4.7uF	C511	165-2253-65	50V 2.2uF
C204	168-1042-78	16V 0.1uF K	C410	168-1042-78	16V 0.1uF K	C512	165-2253-65	50V 2.2uF
C205	168-1042-78	16V 0.1uF K	C411	166-1811-50	180pF CH	C513	166-5611-50	560pF CH
C206	168-1032-55	0.01uF K	C412	166-1007-50	10pF CH	C514	166-5611-50	560pF CH
C207	168-2212-55	220pF K	C413	166-1007-50	10pF CH	C515	166-5611-50	560pF CH
C208	166-1007-50	10pF CH	C414	168-1022-55	1000pF K	C516	166-5611-50	560pF CH
C209	168-1042-78	16V 0.1uF K	C415	166-1511-50	150pF CH	C517	166-5611-50	560pF CH
C210	168-1042-78	16V 0.1uF K	C416	166-1511-50	150pF CH	C518	166-5611-50	560pF CH
C211	166-1007-50	10pF CH	C417	166-1511-50	150pF CH	C519	166-1011-50	100pF CH
C212	168-1042-78	16V 0.1uF K	C418	166-1511-50	150pF CH	C520	166-1011-50	100pF CH
C213	166-1011-50	100pF CH	C419	166-1511-50	150pF CH	C521	166-2201-50	22pF CH
C214	168-1042-78	16V 0.1uF K	C420	166-1511-50	150pF CH	C522	166-2201-50	22pF CH
C215	168-1042-78	16V 0.1uF K	C421	166-1511-50	150pF CH	C523	166-2201-50	22pF CH
C217	168-1042-78	16V 0.1uF K	C422	166-1511-50	150pF CH	C524	166-2201-50	22pF CH
C218	168-4722-55	4700pF K	C423	165-4753-55	35V 4.7uF	C525	166-1011-50	100pF CH
C219	168-1042-78	16V 0.1uF K	C424	168-1042-78	16V 0.1uF K	C526	166-1011-50	100pF CH
C220	168-1042-78	16V 0.1uF K	C425	165-4753-55	35V 4.7uF	C527	166-5611-50	560pF CH
C221	168-2212-55	220pF K	C426	168-1042-78	16V 0.1uF K	C528	166-5611-50	560pF CH
C222	168-1042-78	16V 0.1uF K	C427	168-1022-55	1000pF K	C529	166-5611-50	560pF CH
C223	168-1042-78	16V 0.1uF K	C428	168-1022-55	1000pF K	C530	166-5611-50	560pF CH
C224	168-2222-55	2200pF K	C429	166-1011-50	100pF CH	C531	166-5611-50	560pF CH
C225	168-1042-78	16V 0.1uF K	C430	168-1042-78	16V 0.1uF K	C532	166-5611-50	560pF CH
C226	168-1042-78	16V 0.1uF K	C431	168-1042-78	16V 0.1uF K	C533	168-1042-78	16V 0.1uF K
C227	165-1073-15	6.3V 100uF	C432	168-1042-78	16V 0.1uF K	C534	165-1073-35	16V 100uF
C228	043-0554-90	25V 10uF	C433	168-5622-55	5600pF K	C535	165-2263-15	6.3V 22uF
C229	168-1042-78	16V 0.1uF K	C434	168-5622-55	5600pF K	C538	168-5612-55	560pF Z
C230	168-1042-78	16V 0.1uF K	C435	165-4753-55	35V 4.7uF	C541	168-1545-56	0.15uF Z
C231	165-1073-15	6.3V 100uF	C436	168-1042-78	16V 0.1uF K	C542	168-1545-56	0.15uF Z
C232	165-4763-15	6.3V 47uF	C437	168-2232-55	0.022uF K	C543	168-1545-56	0.15uF Z
C233	168-1042-78	16V 0.1uF K	C438	165-1073-15	6.3V 100uF	C544	168-1545-56	0.15uF Z
C234	165-4763-15	6.3V 47uF	C439	168-1042-78	16V 0.1uF K	C545	165-1063-35	16V 10uF
C235	168-1042-78	16V 0.1uF K	C440	043-0554-90	25V 10uF	C546	043-0499-51	50V 0.1uF J
C236	043-0554-90	25V 10uF	C441	168-1042-78	16V 0.1uF K	C548	168-2222-55	2200pF K
C237	043-0554-90	25V 10uF	C442	168-4732-78	0.047uF K	C549	168-2222-55	2200pF K
C238	168-1042-78	16V 0.1uF K	C443	043-0504-50	10V 4.7uF	C550	168-2222-55	2200pF K
C239	168-1042-78	16V 0.1uF K	C444	165-2263-15	6.3V 22uF	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	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C552	168-1032-55	0.01uF K	IC503	051-3019-90	NJM2060V	Q213	125-0021-91	DTA114EUA
C553	043-0499-51	50V 0.1uF J	IC504	051-2042-00	TA8275H	Q303	192-4081-00	2SC4081
C554	168-2222-55	2200pF K	J201	074-1237-79	SOCKE (29P)	Q304	192-4081-00	2SC4081
C555	178-2222-78	2200pF	J202	074-1168-14	SOCKE (14P)	Q306	192-2712-00	2SC2712
C556	165-3353-65	50V 3.3uF	J203	074-4017-12	SOCKE (12P)	Q401	125-7005-90	PHK04P02T
C557	168-2222-55	2200pF K	J501	074-4026-24	SOCKE (24P)	Q501	125-2027-91	DTC114EUA
C558	178-2222-78	2200pF	L101	010-2003-04	30uH	Q502	125-0021-91	DTA114EUA
C559	168-2222-55	2200pF K	L102	010-4011-20	2.5mH +3/-3%	Q509	125-2027-91	DTC114EUA
C560	178-2222-78	2200pF	L103	010-3104-50	30 ohm/100MHz	R101	119-2221-15	1/10W 2.2k ohm
C561	168-2222-55	2200pF K	L104	010-3406-66	22uH J	R102	119-1031-15	1/10W 10k ohm
C562	178-2222-78	2200pF	L106	010-3104-50	30 ohm/100MHz	R104	119-1521-15	1/10W 1.5k ohm
C563	043-0499-51	50V 0.1uF J	L201	010-3105-62	1k ohm/100MHz	R105	119-1031-15	1/10W 10k ohm
C564	189-3383-31	16V 3300uF	L202	010-3105-62	1k ohm/100MHz	R106	116-1521-15	1/4W 1.5k ohm
D101	001-2403-90	M1F60	L203	010-2285-51	120 ohm/100MHz	R107	119-1031-15	1/10W 10k ohm
D102	001-2403-90	M1F60	L204	010-3105-62	1k ohm/100MHz	R108	116-1591-15	1/4W 1.5 ohm
D103	001-0516-90	MA111	L205	010-3104-50	30 ohm/100MHz	R109	116-1591-15	1/4W 1.5 ohm
D104	001-0529-47	MA8091-M	L206	010-3104-50	30 ohm/100MHz	R110	116-1591-15	1/4W 1.5 ohm
D105	001-0516-90	MA111	L207	010-3105-62	1k ohm/100MHz	R111	116-1591-15	1/4W 1.5 ohm
D106	001-0516-90	MA111	L211	010-3105-62	1k ohm/100MHz	R112	119-4731-15	1/10W 47k ohm
D107	001-0529-28	MA8051-L	L212	010-3105-62	1k ohm/100MHz	R114	117-6821-15	1/8W 6.8k ohm
D109	001-0529-48	MA8091-H	L301	010-3105-62	1k ohm/100MHz	R115	119-1041-15	1/10W 100k ohm
D110	001-0529-50	MA8100-M	L302	010-3406-66	22uH J	R118	119-0000-05	1/10W 0 ohm JW
D111	001-2403-90	M1F60	L303	010-3406-66	22uH J	R119	117-5621-15	1/8W 5.6k ohm
D112	001-2403-90	M1F60	L401	010-3105-62	1k ohm/100MHz	R120	119-1011-15	1/10W 100 ohm
D113	001-2403-90	M1F60	L402	010-3105-62	1k ohm/100MHz	R121	119-1521-15	1/10W 1.5k ohm
D201	001-0529-69	MA8180-M	L403	010-3105-62	1k ohm/100MHz	R122	119-6821-15	1/10W 6.8k ohm
D202	001-0529-32	MA8056-M	L404	010-3105-62	1k ohm/100MHz	R123	119-6821-15	1/10W 6.8k ohm
D203	001-0529-32	MA8056-M	L405	010-3105-62	1k ohm/100MHz	R124	119-1011-15	1/10W 100 ohm
D205	001-0516-90	MA111	L406	010-3105-62	1k ohm/100MHz	R126	119-1011-15	1/10W 100 ohm
D206	001-0529-48	MA8091-H	L407	010-3105-62	1k ohm/100MHz	R127	119-1031-15	1/10W 10k ohm
D209	001-0516-90	MA111	L408	010-3105-62	1k ohm/100MHz	R128	119-1011-15	1/10W 100 ohm
D210	001-0516-90	MA111	L409	010-3105-62	1k ohm/100MHz	R129	119-1011-15	1/10W 100 ohm
D211	001-2403-90	M1F60	L410	010-3105-62	1k ohm/100MHz	R130	119-1011-15	1/10W 100 ohm
D212	001-0516-90	MA111	L411	010-3105-62	1k ohm/100MHz	R131	116-5691-15	1/4W 5.6 ohm
D217	001-0535-90	MA729	L412	010-3105-62	1k ohm/100MHz	R132	119-1011-15	1/10W 100 ohm
D219	001-0529-45	MA8082-H	L413	010-3105-62	1k ohm/100MHz	R134	117-2721-15	1/8W 2.7k ohm
D220	001-9210-50	AVR-M1608C270MT AAD	L414	010-3105-62	1k ohm/100MHz	R138	119-1031-15	1/10W 10k ohm
D221	001-9210-50	AVR-M1608C270MT AAD	L415	010-2198-51	0.22uH	R140	116-2291-15	1/4W 2.2 ohm
D222	001-9210-50	AVR-M1608C270MT AAD	L416	010-3105-62	1k ohm/100MHz	R141	116-2291-15	1/4W 2.2 ohm
D223	001-9210-50	AVR-M1608C270MT AAD	P301	076-3011-74	PLUG (24P)	R143	116-6811-15	1/4W 680 ohm
D302	001-0504-42	HZS7 C3L	Q101	192-4081-00	2SC4081	R144	119-3321-15	1/10W 3.3k ohm
D303	001-0529-43	MA8082-L	Q102	192-4081-00	2SC4081	R145	119-1031-15	1/10W 10k ohm
D304	001-0516-90	MA111	Q103	125-2027-91	DTC114EUA	R146	119-1031-15	1/10W 10k ohm
D305	001-0529-48	MA8091-H	Q104	190-1736-00	2SA1736	R147	119-4791-15	1/10W 4.7 ohm
D501	001-2403-90	M1F60	Q105	103-2394-00	2SD2394	R148	119-1031-15	1/10W 10k ohm
D502	001-0592-00	RM4Z	Q106	103-2394-00	2SD2394	R149	119-4791-15	1/10W 4.7 ohm
IC101	051-3354-90	BA33BC0WFP	Q107	192-5810-00	2SC5810 TE12L	R150	116-1221-15	1/4W 1.2k ohm
IC102	051-3218-90	TA76431F	Q108	192-4081-00	2SC4081	R151	116-1221-15	1/4W 1.2k ohm
IC103	051-3344-90	BD3930FP-E2	Q109	125-2027-91	DTC114EUA	R152	116-1221-15	1/4W 1.2k ohm
IC201	051-9318-00	MSM51V17400D-60 TS-K	Q110	191-1197-50	2SB1197K Q,R	R153	116-1221-15	1/4W 1.2k ohm
IC201	051-9318-10	IS45S16100E-7TLA1 (PU3347B/3349B Only)	Q113	125-2027-90	DTC143EUA	R154	117-8211-15	1/8W 820 ohm
IC202	051-6648-90	HA12240FP-EL	Q114	190-1736-00	2SA1736	R155	116-3011-15	1/4W 300 ohm
IC203	051-3408-90	BA2903FV	Q117	192-5810-00	2SC5810 TE12L	R156	116-3011-15	1/4W 300 ohm
IC204	051-6711-20	TC94A34FG-004	Q118	192-5810-00	2SC5810 TE12L	R157	116-3011-15	1/4W 300 ohm
IC205	051-3364-90	NJU7771F15	Q119	125-2027-91	DTC114EUA	R158	116-3011-15	1/4W 300 ohm
IC206	051-3364-90	NJU7771F15	Q120	125-0021-91	DTA114EUA	R161	116-0000-05	1/4W 0 ohm JW
IC207	051-3543-90	BD33KA5WFP-E2	Q121	103-2394-00	2SD2394	R201	116-1211-15	1/4W 120 ohm
IC301	051-5423-38	BD5329G-TR	Q122	103-2394-00	2SD2394	R202	119-1031-15	1/10W 10k ohm
IC302	051-9423-90	BR93L86REV-W E2	Q123	125-2027-91	DTC114EUA	R203	119-3321-15	1/10W 3.3k ohm
IC303	052-3217-02	uPD703273VYGCC0 58EAA	Q124	125-0021-91	DTA114EUA	R204	116-6801-15	1/4W 68 ohm
IC304	051-5811-90	L9637D	Q125	125-2027-90	DTC143EUA	R205	116-1011-15	1/4W 100 ohm
IC401	-----	SAF7730HV/N317F	Q126	125-0021-97	DTA113ZUA-T106	R206	116-1011-15	1/4W 100 ohm
IC501	051-3057-90	BA4558RFV	Q201	192-5810-00	2SC5810 TE12L	R207	119-1031-15	1/10W 10k ohm
IC502	051-3019-90	NJM2060V	Q202	190-1738-00	2SA1738	R208	119-1031-15	1/10W 10k ohm
			Q203	192-2814-51	2SC2814-4/5-TB-E	R209	119-4721-15	1/10W 4.7k ohm
			Q204	192-2814-51	2SC2814-4/5-TB-E	R210	119-4721-15	1/10W 4.7k ohm
			Q205	190-1738-00	2SA1738	R211	116-1011-15	1/4W 100 ohm
			Q206	125-2027-91	DTC114EUA	R212	119-4721-15	1/10W 4.7k ohm
			Q207	190-1298-00	2SA1298	R213	119-4721-15	1/10W 4.7k ohm
			Q210	192-4081-00	2SC4081	R214	119-1521-15	1/10W 1.5k ohm
			Q211	103-2394-00	2SD2394	R215	116-8201-15	1/4W 82 ohm
			Q212	125-2027-91	DTC114EUA	R216	119-2251-15	1/10W 2.2M ohm

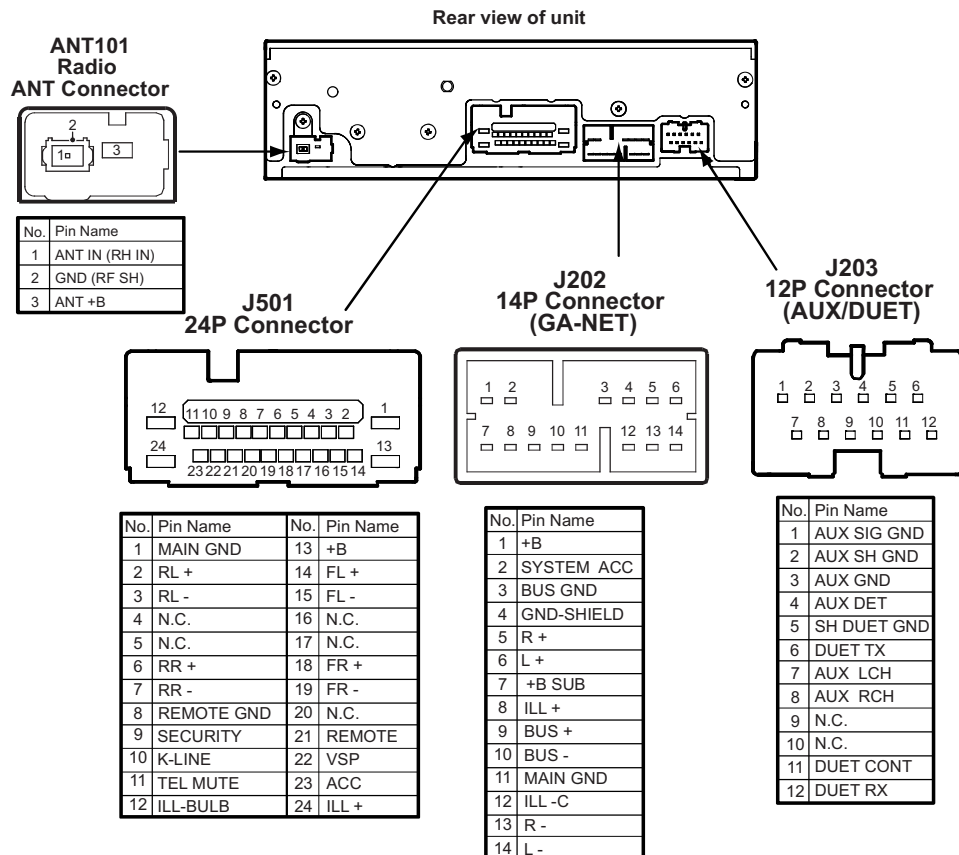
Note) Some parts depend on each model. The model name is specified in the description.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R217	032-0140-72	1/10W 470 ohm F	R338	119-1021-15	1/10W 1k ohm	R439	119-1011-15	1/10W 100 ohm
R219	119-1031-15	1/10W 10k ohm	R339	119-3331-15	1/10W 33k ohm	R440	119-1011-15	1/10W 100 ohm
R220	119-4721-15	1/10W 4.7k ohm	R340	119-3331-15	1/10W 33k ohm	R441	119-1021-15	1/10W 1k ohm
R221	119-2211-15	1/10W 220 ohm	R341	119-3331-15	1/10W 33k ohm	R442	119-1021-15	1/10W 1k ohm
R222	119-4721-15	1/10W 4.7k ohm	R342	119-4731-15	1/10W 47k ohm	R444	119-1031-15	1/10W 10k ohm
R223	119-5641-15	1/10W 560k ohm	R343	119-1011-15	1/10W 100 ohm	R446	119-1031-15	1/10W 10k ohm
R224	119-4721-15	1/10W 4.7k ohm	R344	119-1011-15	1/10W 100 ohm	R448	119-1001-15	1/10W 10 ohm
R225	119-1021-15	1/10W 1k ohm	R345	119-3331-15	1/10W 33k ohm	R450	119-1011-15	1/10W 100 ohm
R226	119-4721-15	1/10W 4.7k ohm	R346	119-1031-15	1/10W 10k ohm	R471	119-2201-15	1/10W 22 ohm
R227	119-8221-15	1/10W 8.2k ohm	R347	119-1031-15	1/10W 10k ohm	R501	119-1021-15	1/10W 1k ohm
R228	119-1031-15	1/10W 10k ohm	R349	119-1011-15	1/10W 100 ohm	R502	119-1021-15	1/10W 1k ohm
R229	119-1031-15	1/10W 10k ohm	R350	119-1011-15	1/10W 100 ohm	R503	119-1021-15	1/10W 1k ohm
R230	119-1031-15	1/10W 10k ohm	R351	119-1021-15	1/10W 1k ohm	R504	119-1021-15	1/10W 1k ohm
R231	119-1021-15	1/10W 1k ohm	R352	119-1021-15	1/10W 1k ohm	R505	119-4731-15	1/10W 47k ohm
R232	119-1031-15	1/10W 10k ohm	R353	119-1021-15	1/10W 1k ohm	R506	119-4731-15	1/10W 47k ohm
R233	119-3331-15	1/10W 33k ohm	R354	119-1021-15	1/10W 1k ohm	R507	119-4731-15	1/10W 47k ohm
R234	116-1021-15	1/4W 1k ohm	R356	119-1031-15	1/10W 10k ohm	R508	119-4731-15	1/10W 47k ohm
R235	119-1031-15	1/10W 10k ohm	R357	119-1031-15	1/10W 10k ohm	R509	119-0000-05	1/10W 0 ohm JW
R236	119-1821-15	1/10W 1.8k ohm	R358	119-3331-15	1/10W 33k ohm	R510	119-0000-05	1/10W 0 ohm JW
R237	116-1521-15	1/4W 1.5k ohm	R359	119-4731-15	1/10W 47k ohm	R511	119-0000-05	1/10W 0 ohm JW
R238	119-1031-15	1/10W 10k ohm	R360	119-4731-15	1/10W 47k ohm	R512	119-0000-05	1/10W 0 ohm JW
R239	119-1031-15	1/10W 10k ohm	R361	119-4731-15	1/10W 47k ohm	R513	119-6821-15	1/10W 6.8k ohm
R240	119-3331-15	1/10W 33k ohm	R362	119-4731-15	1/10W 47k ohm	R514	119-6821-15	1/10W 6.8k ohm
R241	119-3321-15	1/10W 3.3k ohm	R363	119-1031-15	1/10W 10k ohm	R515	119-6821-15	1/10W 6.8k ohm
R242	119-1031-15	1/10W 10k ohm	R364	119-1031-15	1/10W 10k ohm	R516	119-6821-15	1/10W 6.8k ohm
R243	119-3321-15	1/10W 3.3k ohm	R366	119-1031-15	1/10W 10k ohm	R517	119-6821-15	1/10W 6.8k ohm
R245	119-3331-15	1/10W 33k ohm	R370	119-1041-15	1/10W 100k ohm	R518	119-6821-15	1/10W 6.8k ohm
R246	119-1031-15	1/10W 10k ohm	R372	119-1041-15	1/10W 100k ohm	R519	119-1031-15	1/10W 10k ohm
R248	119-3331-15	1/10W 33k ohm	R375	119-0000-05	1/10W 0 ohm JW	R522	119-1031-15	1/10W 10k ohm
R250	119-1031-15	1/10W 10k ohm	R376	119-0000-05	1/10W 0 ohm JW	R523	119-1531-15	1/10W 15k ohm
R251	116-6811-15	1/4W 680 ohm	R378	116-0000-05	1/4W 0 ohm JW	R524	119-1531-15	1/10W 15k ohm
R252	119-1821-15	1/10W 1.8k ohm	R379	116-0000-05	1/4W 0 ohm JW	R525	119-1031-15	1/10W 10k ohm
R253	119-1821-15	1/10W 1.8k ohm	R380	119-3331-15	1/10W 33k ohm	R526	119-1031-15	1/10W 10k ohm
R271	119-4731-15	1/10W 47k ohm	R382	119-3331-15	1/10W 33k ohm	R529	119-0000-05	1/10W 0 ohm JW
R272	119-4731-15	1/10W 47k ohm	R383	119-3331-15	1/10W 33k ohm	R530	119-0000-05	1/10W 0 ohm JW
R301	119-1031-15	1/10W 10k ohm (PH3347BA/ PH3349BA Only)	R384	116-0000-05	1/4W 0 ohm JW	R531	119-0000-05	1/10W 0 ohm JW
R302	119-1031-15	1/10W 10k ohm (PH3350BA Only)	R386	119-3331-15	1/10W 33k ohm	R532	119-0000-05	1/10W 0 ohm JW
R303	119-1031-15	1/10W 10k ohm (PH3348BA/ PH3350BA Only)	R387	119-1031-15	1/10W 10k ohm	R533	119-1531-15	1/10W 15k ohm
R304	119-1031-15	1/10W 10k ohm (PH3348BA Only)	R391	119-1021-15	1/10W 1k ohm	R534	119-1531-15	1/10W 15k ohm
R305	119-1041-15	1/10W 100k ohm	R396	119-4721-15	1/10W 4.7k ohm	R535	119-6821-15	1/10W 6.8k ohm
R309	119-3331-15	1/10W 33k ohm	R397	119-4721-15	1/10W 4.7k ohm	R536	119-6821-15	1/10W 6.8k ohm
R310	119-3331-15	1/10W 33k ohm	R398	119-4721-15	1/10W 4.7k ohm	R537	119-4731-15	1/10W 47k ohm
R311	119-3331-15	1/10W 33k ohm	R399	119-4721-15	1/10W 4.7k ohm	R538	119-4731-15	1/10W 47k ohm
R312	119-3331-15	1/10W 33k ohm	R401	032-0140-52	1/10W 33k ohm F	R541	119-2221-15	1/10W 2.2k ohm
R313	119-1021-15	1/10W 1k ohm	R402	032-0140-52	1/10W 33k ohm F	R542	119-2221-15	1/10W 2.2k ohm
R314	119-1021-15	1/10W 1k ohm	R403	119-3331-15	1/10W 33k ohm	R543	119-2221-15	1/10W 2.2k ohm
R315	119-1021-15	1/10W 1k ohm	R404	119-3331-15	1/10W 33k ohm	R544	119-2221-15	1/10W 2.2k ohm
R316	119-1021-15	1/10W 1k ohm	R405	032-0140-52	1/10W 33k ohm F	R545	119-1041-15	1/10W 100k ohm
R317	119-4731-15	1/10W 47k ohm	R406	032-0140-52	1/10W 33k ohm F	R546	119-3321-15	1/10W 3.3k ohm
R319	119-0000-05	1/10W 0 ohm JW	R407	032-0140-52	1/10W 33k ohm F	R547	119-1041-15	1/10W 100k ohm
R321	119-2241-15	1/10W 220k ohm	R408	032-0140-52	1/10W 33k ohm F	R548	117-0000-05	1/8W 0 ohm JW
R322	119-3331-15	1/10W 33k ohm	R409	119-3331-15	1/10W 33k ohm	R549	119-1041-15	1/10W 100k ohm
R323	119-1021-15	1/10W 1k ohm	R410	119-3331-15	1/10W 33k ohm	R550	119-1041-15	1/10W 100k ohm
R324	119-3331-15	1/10W 33k ohm	R411	119-3331-15	1/10W 33k ohm	R551	116-1011-15	1/4W 100 ohm
R325	119-3331-15	1/10W 33k ohm	R412	119-3331-15	1/10W 33k ohm	R552	119-4721-15	1/10W 4.7k ohm
R326	119-3331-15	1/10W 33k ohm	R413	119-1031-15	1/10W 10k ohm	SUP101	060-0122-91	DSP-141N-S00B
R327	119-3331-15	1/10W 33k ohm	R414	119-1021-15	1/10W 1k ohm	T501	009-0670-80	180uH
R328	119-1031-15	1/10W 10k ohm	R417	119-1031-15	1/10W 10k ohm	TC301	004-1583-52	20pF RED
R329	119-3331-15	1/10W 33k ohm	R418	119-1031-15	1/10W 10k ohm	TH101	002-0318-21	THERMISTOR
R330	119-2221-15	1/10W 2.2k ohm	R419	119-3331-15	1/10W 33k ohm	TM101	073-0762-90	TERMINAL
R331	119-3331-15	1/10W 33k ohm	R420	119-3331-15	1/10W 33k ohm	TM102	073-0762-90	TERMINAL
R332	119-6831-15	1/10W 68k ohm	R421	119-3331-15	1/10W 33k ohm	TM103	073-0762-90	TERMINAL
R333	119-6831-15	1/10W 68k ohm	R423	119-3331-15	1/10W 33k ohm	TM201	073-0762-90	TERMINAL
R334	117-2221-15	1/8W 2.2k ohm	R425	119-1001-15	1/10W 10 ohm	TM202	073-0762-90	TERMINAL
R335	119-1021-15	1/10W 1k ohm	R428	032-0140-52	1/10W 33k ohm F	TM501	073-0762-90	TERMINAL
R336	119-1031-15	1/10W 10k ohm	R429	032-0140-52	1/10W 33k ohm F	X201	061-3534-90	16.92MHz
R337	119-3331-15	1/10W 33k ohm	R430	032-0140-52	1/10W 33k ohm F	X301	061-3560-90	3.145728MHz AT-41CD2
			R431	032-0140-52	1/10W 33k ohm F	X401	061-3537-90	41.6MHz
			R433	119-1031-15	1/10W 10k ohm	PWB	039-3102-02	PWB(WITHOUT COMPONENTS)
			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			

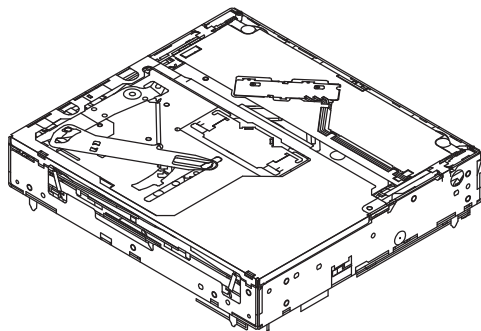
Switch PWB(B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C902	166-2201-50	22pF CH	PL902	017-0460-02	8V70mA BLU	R921	117-0000-05	1/8W 0 ohm JW
C903	166-2201-50	22pF CH	PL903	017-0464-52	8V70mA BLU	R930	119-1041-15	1/10W 100k ohm
C904	043-0554-90	25V 10uF	PL904	017-0464-52	8V70mA BLU	R931	119-1041-15	1/10W 100k ohm
C905	168-1042-78	16V 0.1uF K	PL905	017-0464-52	8V70mA BLU	R932	119-1041-15	1/10W 100k ohm
C906	166-2201-50	22pF CH	PL906	017-0464-52	8V70mA BLU	R933	119-1041-15	1/10W 100k ohm
C907	166-2201-50	22pF CH	PL907	017-0464-52	8V70mA BLU	R934	119-1041-15	1/10W 100k ohm
D901	001-0535-90	MA729	PL908	017-0460-02	8V70mA BLU	S901	013-6202-52	SKPMBJE010
D902	001-0535-90	MA729	PL909	017-0464-52	8V70mA BLU	S902	013-6202-52	SKPMBJE010
D903	001-0535-90	MA729	PL910	017-0460-02	8V70mA BLU	S903	013-6202-52	SKPMBJE010
D904	001-0535-90	MA729	PL911	017-0464-52	8V70mA BLU	S904	013-6202-52	SKPMBJE010
D905	001-0535-90	MA729	PL912	017-0460-02	8V70mA BLU	S905	013-6202-52	SKPMBJE010
D906	001-0535-90	MA729	PL913	017-0464-52	8V70mA BLU	S906	013-6201-52	SKPMAP010
D907	001-0535-90	MA729	PL914	017-0460-02	8V70mA BLU	S907	013-6201-52	SKPMAP010
D908	001-0535-90	MA729	PL915	017-0464-52	8V70mA BLU	S910	013-6207-50	SKPMAQE010
D909	001-0535-90	MA729	PL916	017-0464-52	8V70mA BLU	S911	013-6201-52	SKPMAP010
D910	001-0535-90	MA729	Q901	125-2027-91	DTC114EUA	S912	013-6207-50	SKPMAQE010
D911	001-0535-90	MA729	Q902	125-2027-91	DTC114EUA	S913	013-6207-50	SKPMAQE010
D912	001-0535-90	MA729	R901	119-4711-15	1/10W 470 ohm	S914	013-6201-52	SKPMAP010
D913	001-0535-90	MA729	R902	119-4711-15	1/10W 470 ohm	S915	013-6202-52	SKPMBJE010
D914	001-0535-90	MA729	R903	119-4711-15	1/10W 470 ohm	S916	013-6201-52	SKPMAP010
D915	001-0535-90	MA729	R904	119-4711-15	1/10W 470 ohm	S917	013-6201-52	SKPMAP010
D916	001-0535-90	MA729	R905	119-4711-15	1/10W 470 ohm	S920	013-6207-50	SKPMAQE010
D917	001-0535-90	MA729	R906	119-1021-15	1/10W 1k ohm	S921	013-6207-50	SKPMAQE010
D918	001-0535-90	MA729	R907	119-1021-15	1/10W 1k ohm	S922	013-6201-52	SKPMAP010
D919	001-0535-90	MA729	R908	119-1021-15	1/10W 1k ohm	S923	013-6207-50	SKPMAQE010
D920	001-0535-90	MA729	R909	119-1021-15	1/10W 1k ohm	S924	013-6207-50	SKPMAQE010
D921	001-0535-90	MA729	R910	119-1021-15	1/10W 1k ohm	S925	013-6201-52	SKPMAP010
D922	001-0535-90	MA729	R913	119-0000-05	1/10W 0 ohm JW	S926	013-6202-52	SKPMBJE010
D935	001-7103-91	CL-191S-MG-D-T (GRN)	R914	119-0000-05	1/10W 0 ohm JW	S927	016-7003-00	ROTARY-SW EC40 A15204
IC901	051-6652-90	R8A66151SP-DF0Z	R915	119-0000-05	1/10W 0 ohm JW	TM905	073-0786-90	TERMINAL
J901	074-1158-69	SOCKET (19P)	R916	119-0000-05	1/10W 0 ohm JW	TM906	073-0786-90	TERMINAL
J902	074-1158-69	SOCKET (19P)	R917	119-0000-05	1/10W 0 ohm JW	VR901	016-0018-20	ROTARY ENCODER
J903	074-3014-74	SOCKET (24P)	R918	119-1811-15	1/10W 180 ohm	PWB	039-3101-00	PWB(WITHOUT COMPONENTS)
PL901	017-0460-02	8V70mA BLU	R919	119-2721-15	1/10W 2.7k ohm			
			R920	119-4721-15	1/10W 4.7k ohm			

CONNECTION



Service Manual



CD Mechanism

Model **929-5024-82**

ELECTRICAL PARTS LIST

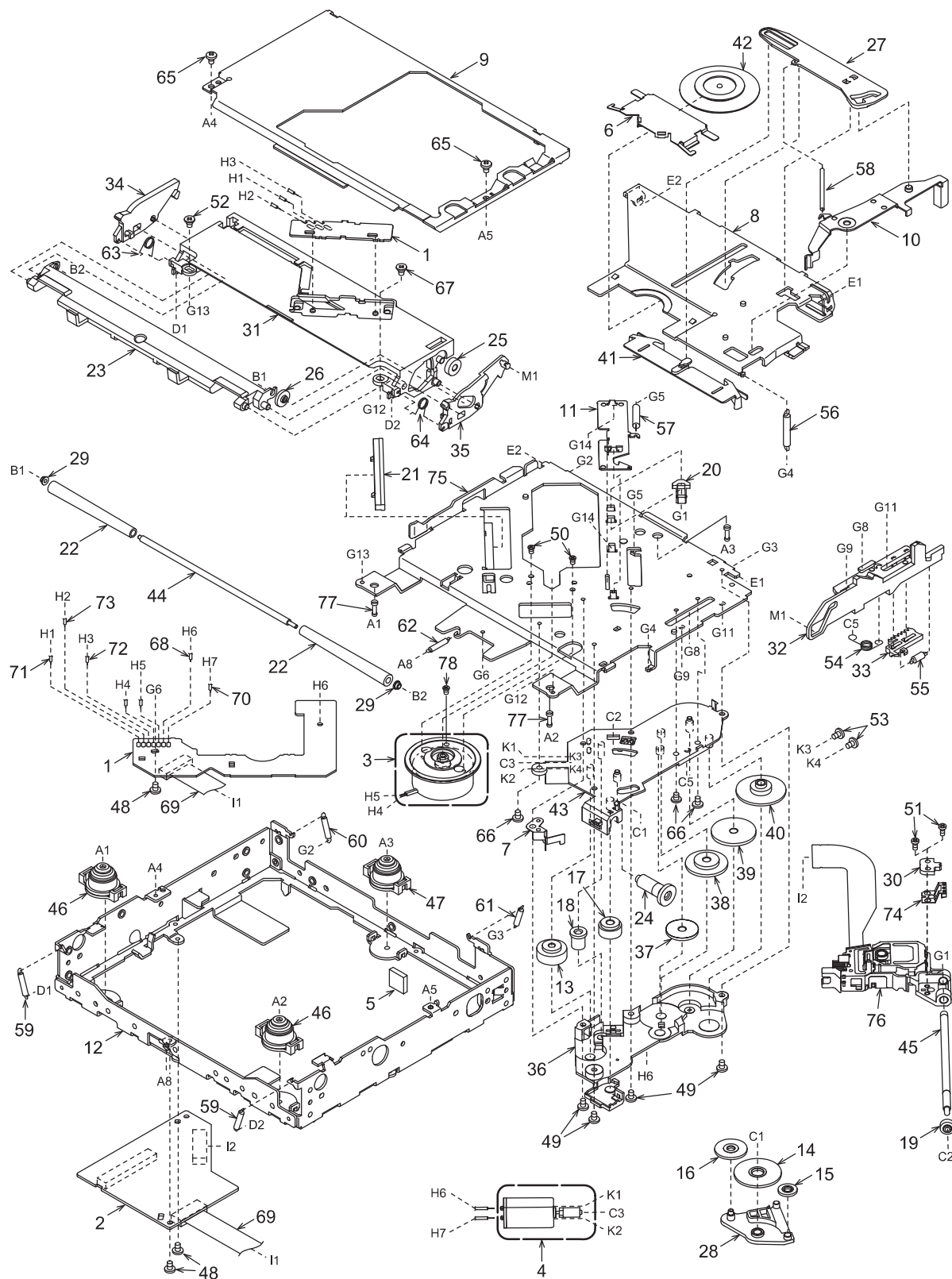
CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF	C30	168-1042-78	16V 0.1uF	R2	117-1001-15	1/8W 10 ohm
C2	163-1073-35	16V 100uF	C31	046-4712-58	470pF B	R3	033-2211-15	1/10W 220 ohm
C4	178-1052-78	1uF	C32	046-4712-58	470pF B	R5	033-0000-05	1/10W 0 ohm
C5	042-0560-85	6.3V 100uF	C33	168-1042-78	16V 0.1uF	R6	033-5621-15	1/10W 5.6k ohm
C6	178-1052-78	1uF	C34	168-4732-78	0.047uF K	R7	033-4731-15	1/10W 47k ohm
C8	178-1052-78	1uF	C35	168-4732-78	0.047uF K	R8	033-3341-15	1/10W 330k ohm
C10	168-1042-78	16V 0.1uF	C36	045-1007-50	10pF CH	R9	033-2231-15	1/10W 22k ohm
C11	168-1042-78	16V 0.1uF	C37	045-1007-50	10pF CH	R10	033-2231-15	1/10W 22k ohm
C12	045-4701-50	47pF CH	C38	168-1042-78	16V 0.1uF	R11	033-2731-15	1/10W 27k ohm
C13	046-1532-78	0.015uF B	C39	046-5622-58	5600pF B	R12	033-4731-15	1/10W 47k ohm
C14	168-1042-78	16V 0.1uF	C40	168-1042-78	16V 0.1uF	R13	033-2731-15	1/10W 27k ohm
C15	046-1032-78	0.01uF B	C42	176-6801-50	68pF CH	R14	033-1531-15	1/10W 15k ohm
C17	046-4722-58	4700pF B	C43	166-6801-50	68pF CH	R15	033-2731-15	1/10W 27k ohm
C18	046-1522-58	1500pF B	C44	176-6801-50	68pF CH	R16	033-8231-15	1/10W 82k ohm
C19	168-1042-78	16V 0.1uF	C45	176-6801-50	68pF CH	R17	033-2731-15	1/10W 27k ohm
C20	168-1042-78	16V 0.1uF	CCT1	050-0140-63	1/32W 47k ohm x4J	R18	033-8231-15	1/10W 82k ohm
C21	046-6812-58	680pF B	D1	001-0367-91	1SS226	R19	033-1051-15	1/10W 1M ohm
C22	168-1042-78	16V 0.1uF	IC1	051-6079-90	BA5830FP-E2	R20	119-2221-15	1/10W 2.2k ohm
C23	046-1532-78	0.015uF B	IC2	051-6399-00	TC94A15F	R22	119-0000-05	1/10W 0 ohm JW
C24	168-1042-78	16V 0.1uF	J101	074-1228-79	29P	TM1	073-0768-90	TERMINAL
C25	045-6801-50	68pF CH	J201	074-1138-65	15P	X2	061-3534-90	16.92MHz
C26	168-1042-78	16V 0.1uF	J301	074-1138-60	10P	PWB	039-3172-21	PWB(WITHOUT COMPONENT)
C27	046-3332-78	0.033uF B	Q1	131-1188-50	2SB1188PQR			
C29	046-6822-58	6800pF B	R1	117-6811-15	1/8W 680 ohm			

Sensor PWB(BM2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR	Q1	060-4015-91	PS1192HB	S2	013-7413-50	LIMIT
D2	001-7058-90	AN1105W-RR	Q2	060-4015-91	PS1192HB	PWB	039-2675-20	PWB(WITHOUT COMPONENT)
J1	074-1138-60	10P	S1	013-7414-50	CHUCKING			

EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	SENSOR PWB	1	40	621-1751-20	POWER GEAR D	1
2	-----	MAIN PWB	1	41	621-1752-20	DISC STOPPER	1
3	SMA-199-100	SPINDLE MOTOR-ASSY	1	42	621-1753-20	CLAMPER RING	1
4	SMA-183-100	SLED MOTOR-ASSY	1	43	621-1754-20	GEAR BASE	1
5	345-5476-20	CUSHION RUBBER	1	44	622-1571-21	ROLLER SHAFT	1
6	620-1023-23	CLAMPER PLATE	1	45	624-3059-00	LEAD SCREW	1
7	620-1026-21	SPRING PLATE	1	46	629-0086-20	DAMPER F	2
8	620-1596-23	CLAMPER LINK	1	47	629-0087-20	DAMPER R	1
9	620-1862-20	UPPER CHASSIS	1	48	716-1507-01	SCREW(M2x3)	3
10	620-1752-20	SENSOR ARM	1	49	716-1670-01	SCREW(M2x4)	4
11	620-1753-20	ID-LOCK PLATE	1	50	716-1733-01	SCREW(M1.7x2.3)	2
12	620-1868-20	LOWER CHASSIS	1	51	716-3469-01	SCREW(1.7x4)	2
13	621-0608-21	SECOND GEAR	1	52	716-3473-01	SCREW(M2x3)	1
14	621-0609-21	BASE GEAR	1	53	716-3551-00	SCREW(M1.4x2.5)	2
15	621-0610-21	IDLE GEAR A	1	54	750-7865-20	SHIFT SPRING	1
16	621-0611-20	IDLE GEAR B	1	55	750-7866-20	RACK SPRING	1
17	621-0612-22	ROLLER GEAR A	1	56	750-7867-20	CLAMPER SPRING	1
18	621-0620-20	THREAD GEAR A	1	57	750-7868-20	ID-LOCK SPRING	1
19	621-0621-20	THREAD GEAR B	1	58	750-7869-20	SENSOR SPRING	1
20	621-0623-24	LS-HOLDER	1	59	750-7870-20	DR-SPRING F	2
21	621-0624-22	GUIDE RAIL	1	60	750-7871-20	DR-SPRING RA	1
22	621-0711-21	LOADING ROLLER	2	61	750-7872-20	DR-SPRING RB	1
23	621-0718-21	ROLLER GUIDE	1	62	750-7873-20	DR-SPRING C	1
24	621-0719-20	ROLLER GEAR B	1	63	750-6797-20	ROLLER SPRING L	1
25	621-0720-20	ROLLER GEAR C	1	64	750-6798-20	ROLLER SPRING R	1
26	621-0721-20	ROLLER GEAR D	1	65	714-2003-8B	SCREW(M2x3)	2
27	621-0728-20	STOPPER LINK	1	66	780-2025-00	SCREW(M2x2.5)	3
28	621-1719-20	IDLE CASE	1	67	781-1730-00	SCREW(M1.7x3)	1
29	621-1726-21	ROLLER SLEEVE	2	68	803-4906-60	VINYL-COAT-WIRE(ORG)	1
30	621-1729-21	SH-BASE	1	69	816-2542-01	FLAT WIRE	1
31	621-1742-20	UPPER GUIDE	1	70	816-2590-00	VINYL-COAT-WIRE(GRN)	1
32	621-1743-20	SHIFT LEVER	1	71	816-2591-00	VINYL-COAT-WIRE(YEL)	1
33	621-1744-20	RACK	1	72	816-2592-00	VINYL-COAT-WIRE(BLUE)	1
34	621-1745-20	LOCK ARM L	1	73	816-2593-00	VINYL-COAT-WIRE(PUR)	1
35	621-1746-20	LOCK ARM R	1	74	966-1722-20	SH-RACK-ASSY	1
36	621-1747-20	GEAR COVER	1	75	620-1866-20	DRIVE-PLATE	1
37	621-1748-20	POWER GEAR A	1	76	969-0071-30	PICKUP-ASSY	1
38	621-1749-20	POWER GEAR B	1	77	622-1570-21	DAMPER PIN	3
39	621-1750-20	POWER GEAR C	1	78	716-3635-00	SCREW (M1.7x0.35)	1