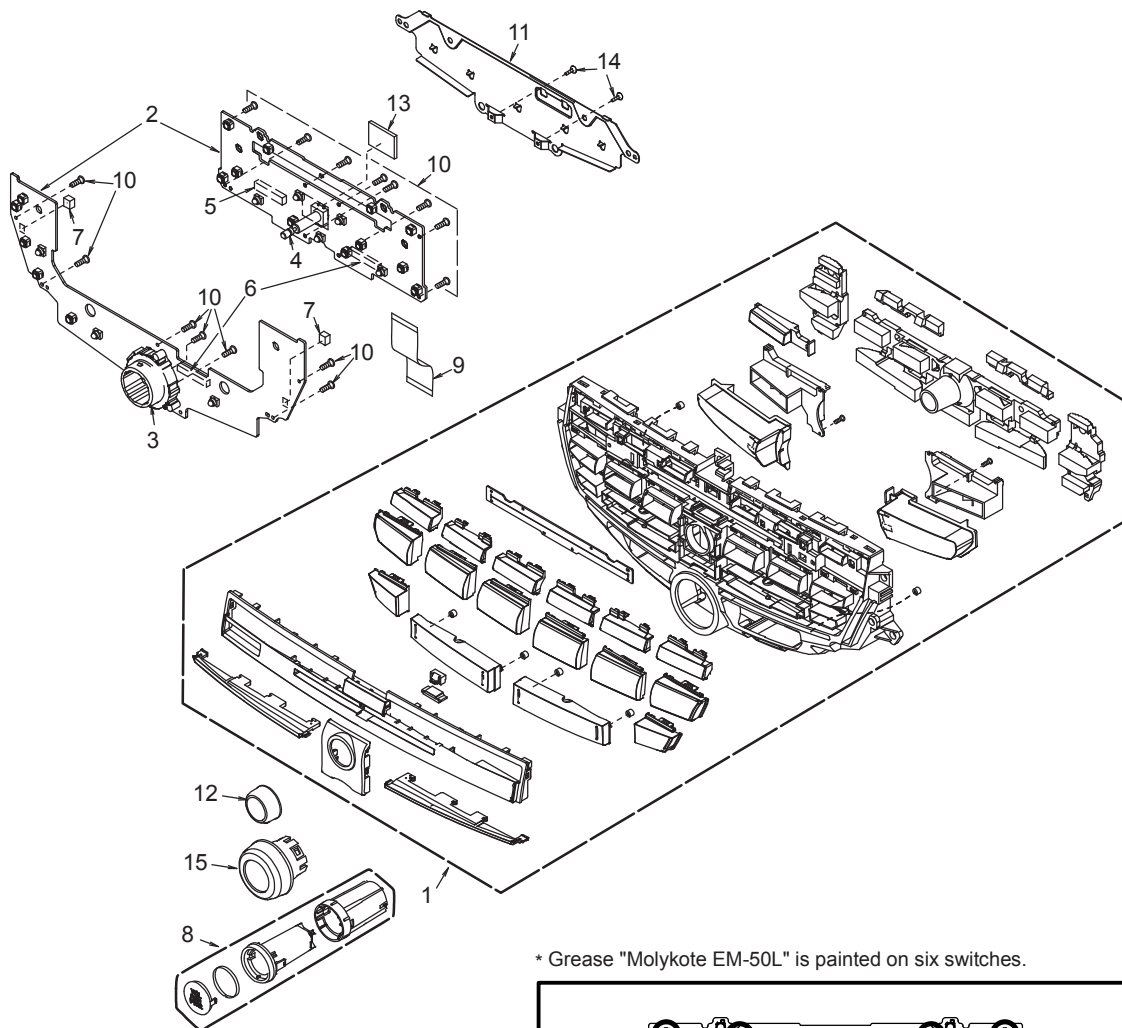
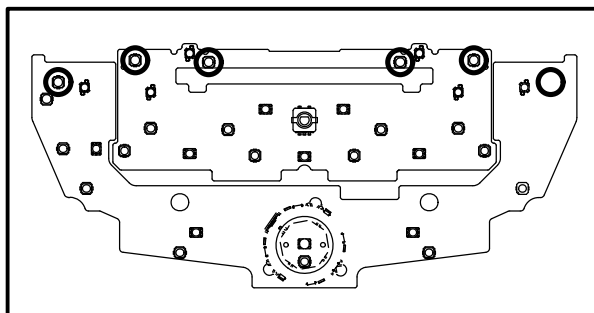


EXPLODED VIEW / PARTS LIST

Escutcheon section



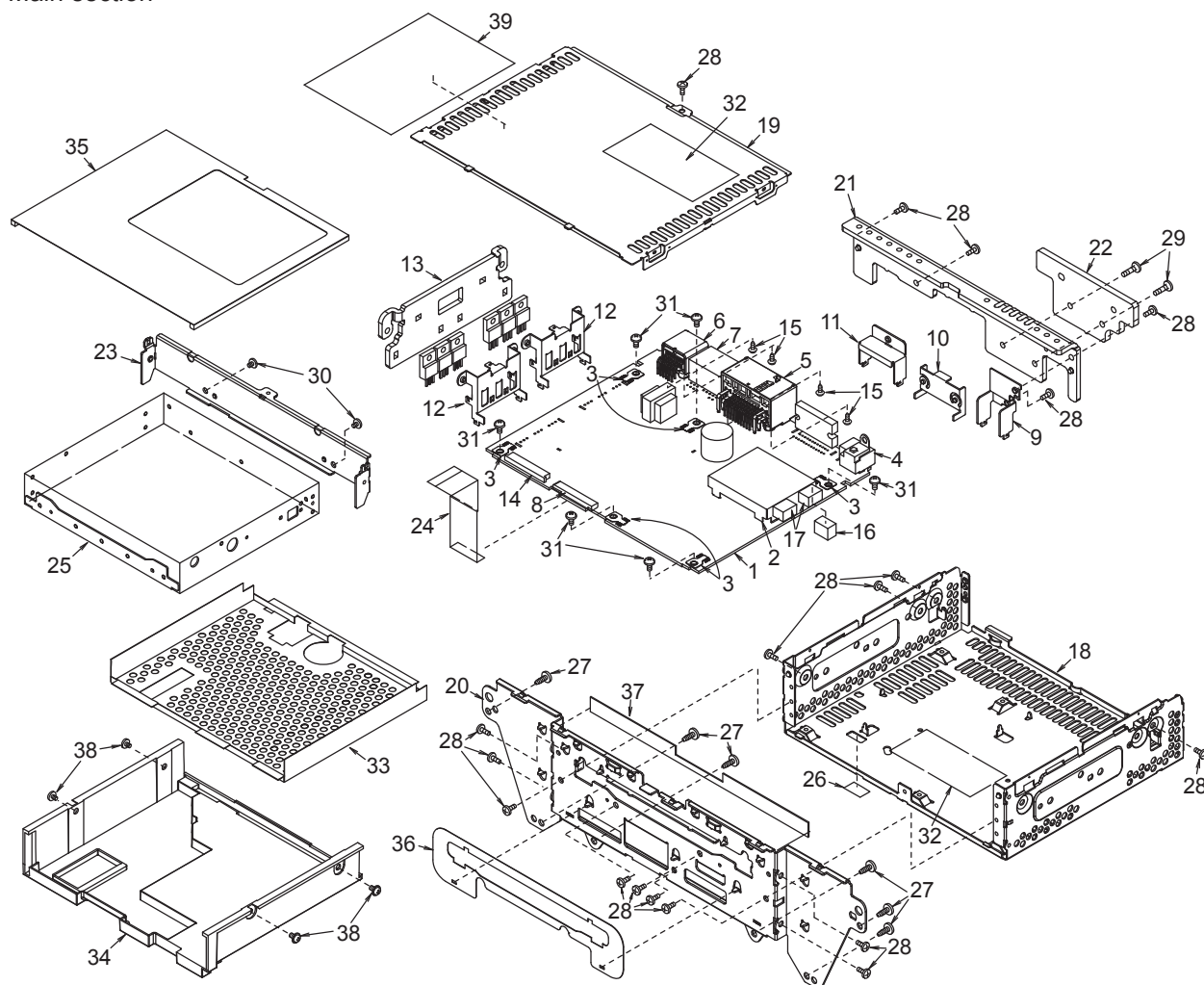
* Grease "Molykote EM-50L" is painted on six switches.



NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8187-04 940-8187-14 940-8187-24 940-8187-34	ES-ASSY(PH2910BA,E) ES-ASSY(PH2910BB,F) ES-ASSY(PH2910BG) ES-ASSY(PH2910BH)	1
2	-----	SWITCH PWB	1
3	016-7003-00	ROTARY ENODER	1
4	016-0018-20	VR W/SHAFT	1
5	074-3014-74	OUTLET SOCKET	1
6	074-1158-69	OUTLET SOCKET	2
7	345-8720-01	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	331-4411-00	ES-PLATE(B)	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

Main section



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	1
6	074-4017-12	OUTLET SOCKET	1
7	074-1168-14	OUTLET SOCKET	1
8	074-1237-79	OUTLET SOCKET	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	1
15	778-3005-00	TAP SCREW(M3x5)	4
16	345-8720-01	GASKET	1
17	345-8581-03	GASKET	2
18	311-1943-00	LOWER CASE	1
19	310-1859-01	UPPER CASE	1
20	331-4410-01	ES-PLATE(A)	1
21	313-2015-03	HEAT SINK(A)	1

NO.	PART NO.	DESCRIPTION	Q'TY
22	313-2016-02	HEAT SINK(B)	1
23	331-4412-00	MECH BRKT	1
24	816-4028-50	FLAT WIRE	1
25	929-5024-80	CD-MECH-MODULE	1
26	347-7806-00	SOCKET CVR	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	286-6685-33 286-6685-34 286-6685-35 286-6685-36	SETPLATE(PH2910BA,E) SETPLATE(PH2910BB,F) SETPLATE(PH2910BG) SETPLATE(PH2910BH)	1
33	347-8233-00	MECH CVR(PH2910BA,B,E,F)	1
34	335-8174-01	MECH CVR(PH2910BG,H)	1
35	347-8322-00	SHEET(PH2910BG,H)	1
36	335-8175-01	D-P-SHEET(PH2910BG,H)	1
37	347-8232-00	SHADE(PH2910BG,H)	1
38	780-2603-07	SCREW(M2.6x3)(PH2910BG,H)	4
39	290-0273-00	LABEL(PH2910BG,H)	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	C445	168-1042-78	16V 0.1uF
BL101	880-2091G	TUNER PACK	C241	042-1767-90	16V 470uF	C446	168-1042-78	16V 0.1uF
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	1uF
C107	043-0319-51	200P	C291	168-2222-55	2200pF K	C452	168-1042-78	16V 0.1uF
C109	168-1022-55	1000pF K	C301	166-1011-50	100pF CH	C453	168-1042-78	16V 0.1uF
C110	165-1073-35	16V 100uF	C302	178-1052-78	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	C459	178-1052-78	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
C120	168-1022-55	1000pF K	C310	168-1042-78	16V 0.1uF	C464	168-1042-78	16V 0.1uF
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	C315	165-1063-35	16V 10uF	C472	168-2222-55	2200pF K
C127	165-1073-15	6.3V 100uF	C316	166-8096-50	8pF D CH	C473	168-2222-55	2200pF K
C128	168-1042-78	16V 0.1uF	C317	168-1042-78	16V 0.1uF	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
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	C371	168-1022-55	1000pF K	C478	168-1042-78	16V 0.1uF
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
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	C404	165-2253-65	50V 2.2uF	C506	165-2263-15	6.3V 22uF
C138	168-1042-78	16V 0.1uF	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	0.1uF	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	C410	168-1042-78	16V 0.1uF	C512	165-2253-65	50V 2.2uF
C205	168-1042-78	16V 0.1uF	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	C415	166-1511-50	150pF CH	C517	166-5611-50	560pF CH
C210	168-1042-78	16V 0.1uF	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	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	C420	166-1511-50	150pF CH	C522	166-2201-50	22pF CH
C215	168-1042-78	16V 0.1uF	C421	166-1511-50	150pF CH	C523	166-2201-50	22pF CH
C217	168-1042-78	16V 0.1uF	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	C424	168-1042-78	16V 0.1uF	C526	166-1011-50	100pF CH
C220	168-1042-78	16V 0.1uF	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	C528	166-5611-50	560pF CH
C222	168-1042-78	16V 0.1uF	C427	168-1022-55	1000pF K	C529	166-5611-50	560pF CH
C223	168-1042-78	16V 0.1uF	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	C430	168-1042-78	16V 0.1uF	C532	166-5611-50	560pF CH
C226	168-1042-78	16V 0.1uF	C431	168-1042-78	16V 0.1uF	C533	168-1042-78	16V 0.1uF
C227	165-1073-15	6.3V 100uF	C432	168-1042-78	16V 0.1uF	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	C434	168-5622-55	5600pF K	C538	168-5612-55	560pF Z
C230	168-1042-78	16V 0.1uF	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	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	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	C545	165-1063-35	16V 10uF
C235	168-1042-78	16V 0.1uF	C440	043-0554-90	25V 10uF	C546	043-0499-51	0.1uF
C236	043-0554-90	25V 10uF	C441	168-1042-78	16V 0.1uF	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	C443	043-0504-50	10V 4.7uF	C550	168-2222-55	2200pF K
C239	168-1042-78	16V 0.1uF	C444	165-2263-15	6.3V 22uF	C551	168-2222-55	2200pF K

REF No.	PART No.	DESCRIPTION
C552	168-1032-55	0.01uF K
C553	043-0499-51	0.1uF
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	0.1uF
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- M1608C270MTAAD
D221	001-9210-50	AVR- M1608C270MTAAD
D222	001-9210-50	AVR- M1608C270MTAAD
D223	001-9210-50	AVR- M1608C270MTAAD
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	051-9318-10	GLT4160L04P-60TC
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	051-3354-90	BA33BC0WFP
IC301	051-5423-38	BD6329G-TR
IC302	051-9423-90	BR93L86REV-W E2
IC303	052-3217-01	uPD703272YGC363- 8EAA
IC304	051-5811-90	L9637D
IC401	051-6706-30	SAF7730HV/N317
IC501	051-3057-90	BA4558RFV
IC502	051-3019-90	NJM2060V
IC503	051-3019-90	NJM2060V
IC504	051-2042-00	TA8275H
J201	074-1237-79	SOCKET(29P)
J202	074-1168-14	OUTLET SOCKET
J203	074-4017-12	SOCKET(12P)

REF No.	PART No.	DESCRIPTION
J501	074-4026-24	SOCKET(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	24P PLUG
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	193-1664-00	2SD1664 P,Q,R
Q108	192-4081-00	2SC4081
Q109	125-2027-91	DTC114EUA
Q110	191-1197-50	2SB1197K Q,R
Q113	125-2027-90	DTC143EU
Q114	190-1736-00	2SA1736
Q117	193-1664-00	2SD1664 P,Q,R
Q118	193-1664-00	2SD1664 P,Q,R
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	DTC143EU
Q126	125-0021-97	DTA113ZU
Q201	193-1664-00	2SD1664 P,Q,R
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
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

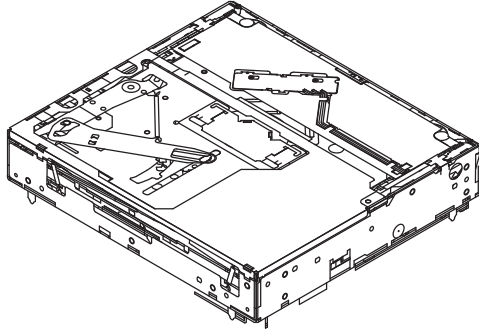
REF No.	PART No.	DESCRIPTION
Q502	125-0021-91	DTA114EUA
Q509	125-2027-91	DTC114EUA
R101	119-2221-15	1/10W 2.2k ohm
R102	119-1031-15	1/10W 10k ohm
R104	119-1521-15	1/10W 1.5k ohm
R105	119-1031-15	1/10W 10k ohm
R106	116-1521-15	1/4W 1.5k ohm
R107	119-1031-15	1/10W 10k ohm
R108	116-1591-15	1/4W 1.5 ohm
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
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
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

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R225	119-1021-15	1/10W 1k ohm	R346	119-1031-15	1/10W 10k ohm	R444	119-1031-15	1/10W 10k ohm
R226	119-4721-15	1/10W 4.7k ohm	R347	119-1031-15	1/10W 10k ohm	R446	119-1031-15	1/10W 10k ohm
R227	119-8221-15	1/10W 8.2k ohm	R349	119-1011-15	1/10W 100 ohm	R448	119-1001-15	1/10W 10 ohm
R228	119-1031-15	1/10W 10k ohm	R350	119-1011-15	1/10W 100 ohm	R450	119-1011-15	1/10W 100 ohm
R229	119-1031-15	1/10W 10k ohm	R351	119-1021-15	1/10W 1k ohm	R471	119-2201-15	1/10W 22 ohm
R230	119-1031-15	1/10W 10k ohm	R352	119-1021-15	1/10W 1k ohm	R501	119-1021-15	1/10W 1k ohm
R231	119-1021-15	1/10W 1k ohm	R353	119-1021-15	1/10W 1k ohm	R502	119-1021-15	1/10W 1k ohm
R232	119-1031-15	1/10W 10k ohm	R354	119-1021-15	1/10W 1k ohm	R503	119-1021-15	1/10W 1k ohm
R233	119-3331-15	1/10W 33k ohm	R356	119-1031-15	1/10W 10k ohm	R504	119-1021-15	1/10W 1k ohm
R234	116-1021-15	1/4W 1k ohm	R357	119-1031-15	1/10W 10k ohm	R505	119-4731-15	1/10W 47k ohm
R235	119-1031-15	1/10W 10k ohm	R358	119-3331-15	1/10W 33k ohm	R506	119-4731-15	1/10W 47k ohm
R236	119-1821-15	1/10W 1.8k ohm	R359	119-4731-15	1/10W 47k ohm	R507	119-4731-15	1/10W 47k ohm
R237	116-1521-15	1/4W 1.5k ohm	R360	119-4731-15	1/10W 47k ohm	R508	119-4731-15	1/10W 47k ohm
R238	119-1031-15	1/10W 10k ohm	R361	119-4731-15	1/10W 47k ohm	R509	119-0000-05	1/10W 0 ohm JW
R239	119-1031-15	1/10W 10k ohm	R362	119-4731-15	1/10W 47k ohm	R510	119-0000-05	1/10W 0 ohm JW
R240	119-3331-15	1/10W 33k ohm	R363	119-1031-15	1/10W 10k ohm	R511	119-0000-05	1/10W 0 ohm JW
R241	119-3321-15	1/10W 3.3k ohm	R364	119-1031-15	1/10W 10k ohm	R512	119-0000-05	1/10W 0 ohm JW
R242	119-1031-15	1/10W 10k ohm	R366	119-1031-15	1/10W 10k ohm	R513	119-6821-15	1/10W 6.8k ohm
R243	119-3321-15	1/10W 3.3k ohm	R370	119-1041-15	1/10W 100k ohm	R514	119-6821-15	1/10W 6.8k ohm
R245	119-3331-15	1/10W 33k ohm	R372	119-1041-15	1/10W 100k ohm	R515	119-6821-15	1/10W 6.8k ohm
R246	119-1031-15	1/10W 10k ohm	R375	119-0000-05	1/10W 0 ohm JW	R516	119-6821-15	1/10W 6.8k ohm
R248	119-3331-15	1/10W 33k ohm	R376	119-0000-05	1/10W 0 ohm JW	R517	119-6821-15	1/10W 6.8k ohm
R250	119-1031-15	1/10W 10k ohm	R378	116-0000-05	1/4W 0 ohm	R518	119-6821-15	1/10W 6.8k ohm
R251	116-6811-15	1/4W 680 ohm	R379	116-0000-05	1/4W 0 ohm	R519	119-1031-15	1/10W 10k ohm
R252	119-1821-15	1/10W 1.8k ohm	R380	119-3331-15	1/10W 33k ohm	R522	119-1031-15	1/10W 10k ohm
R253	119-1821-15	1/10W 1.8k ohm	R382	119-3331-15	1/10W 33k ohm	R523	119-1531-15	1/10W 15k ohm
R271	119-4731-15	1/10W 47k ohm	R383	119-3331-15	1/10W 33k ohm	R524	119-1531-15	1/10W 15k ohm
R272	119-4731-15	1/10W 47k ohm	R384	116-0000-05	1/4W 0 ohm	R525	119-1031-15	1/10W 10k ohm
R302	119-1031-15	1/10W 10k ohm	R386	119-3331-15	1/10W 33k ohm	R526	119-1031-15	1/10W 10k ohm
R304	119-1031-15	(FOR PH2910BG,H)	R387	119-1031-15	1/10W 10k ohm	R529	119-0000-05	1/10W 0 ohm JW
		(FOR PH2910BA,B,E,F)	R391	119-1021-15	1/10W 1k ohm	R530	119-0000-05	1/10W 0 ohm JW
R305	119-1041-15	1/10W 100k ohm	R396	119-4721-15	1/10W 4.7k ohm	R531	119-0000-05	1/10W 0 ohm JW
R309	119-3331-15	1/10W 33k ohm	R397	119-4721-15	1/10W 4.7k ohm	R532	119-0000-05	1/10W 0 ohm JW
R310	119-3331-15	1/10W 33k ohm	R398	119-4721-15	1/10W 4.7k ohm	R533	119-1531-15	1/10W 15k ohm
R311	119-3331-15	1/10W 33k ohm	R399	119-4721-15	1/10W 4.7k ohm	R534	119-1531-15	1/10W 15k ohm
R312	119-3331-15	1/10W 33k ohm	R401	032-0140-52	1/10W 33k ohm F	R535	119-6821-15	1/10W 6.8k ohm
R313	119-1021-15	1/10W 1k ohm	R402	032-0140-52	1/10W 33k ohm F	R536	119-6821-15	1/10W 6.8k ohm
R314	119-1021-15	1/10W 1k ohm	R403	119-3331-15	1/10W 33k ohm	R537	119-4731-15	1/10W 47k ohm
R315	119-1021-15	1/10W 1k ohm	R404	119-3331-15	1/10W 33k ohm	R538	119-4731-15	1/10W 47k ohm
R316	119-1021-15	1/10W 1k ohm	R405	032-0140-52	1/10W 33k ohm F	R541	119-2221-15	1/10W 2.2k ohm
R317	119-4731-15	1/10W 47k ohm	R406	032-0140-52	1/10W 33k ohm F	R542	119-2221-15	1/10W 2.2k ohm
R319	119-0000-05	1/10W 0 ohm JW	R407	032-0140-52	1/10W 33k ohm F	R543	119-2221-15	1/10W 2.2k ohm
R321	119-2241-15	1/10W 220k ohm	R408	032-0140-52	1/10W 33k ohm F	R544	119-2221-15	1/10W 2.2k ohm
R322	119-3331-15	1/10W 33k ohm	R409	119-3331-15	1/10W 33k ohm	R545	119-1041-15	1/10W 100k ohm
R323	119-1021-15	1/10W 1k ohm	R410	119-3331-15	1/10W 33k ohm	R546	119-3321-15	1/10W 3.3k ohm
R324	119-3331-15	1/10W 33k ohm	R411	119-3331-15	1/10W 33k ohm	R547	119-1041-15	1/10W 100k ohm
R325	119-3331-15	1/10W 33k ohm	R412	119-3331-15	1/10W 33k ohm	R548	117-0000-05	1/8W 0 ohm JW
R326	119-3331-15	1/10W 33k ohm	R413	119-1031-15	1/10W 10k ohm	R549	119-1041-15	1/10W 100k ohm
R327	119-3331-15	1/10W 33k ohm	R414	119-1021-15	1/10W 1k ohm	R550	119-1041-15	1/10W 100k ohm
R328	119-1031-15	1/10W 10k ohm	R417	119-1031-15	1/10W 10k ohm	R551	116-1011-15	1/4W 100 ohm
R329	119-3331-15	1/10W 33k ohm	R418	119-1031-15	1/10W 10k ohm	R552	119-4721-15	1/10W 4.7k ohm
R330	119-2221-15	1/10W 2.2k ohm	R419	119-3331-15	1/10W 33k ohm	SUP101	060-0122-91	DSP-141N-S00B
R331	119-3331-15	1/10W 33k ohm	R420	119-3331-15	1/10W 33k ohm	T501	009-0670-80	180uH
R332	119-6831-15	1/10W 68k ohm	R421	119-3331-15	1/10W 33k ohm	TC301	004-1583-52	20pF RED
R333	119-6831-15	1/10W 68k ohm	R423	119-3331-15	1/10W 33k ohm	TH101	002-0318-21	THERMISTOR
R334	117-2221-15	1/8W 2.2k ohm	R425	119-1001-15	1/10W 10 ohm	TM101	073-0762-90	TERMINAL
R335	119-1021-15	1/10W 1k ohm	R428	032-0140-52	1/10W 33k ohm F	TM102	073-0762-90	TERMINAL
R336	119-1031-15	1/10W 10k ohm	R429	032-0140-52	1/10W 33k ohm F	TM103	073-0762-90	TERMINAL
R337	119-3331-15	1/10W 33k ohm	R430	032-0140-52	1/10W 33k ohm F	TM201	073-0762-90	TERMINAL
R338	119-1021-15	1/10W 1k ohm	R431	032-0140-52	1/10W 33k ohm F	TM202	073-0762-90	TERMINAL
R339	119-3331-15	1/10W 33k ohm	R433	119-1031-15	1/10W 10k ohm	TM501	073-0762-90	TERMINAL
R340	119-3331-15	1/10W 33k ohm	R434	119-1031-15	1/10W 10k ohm	X201	061-3534-90	16.92MHz
R341	119-3331-15	1/10W 33k ohm	R435	119-1011-15	1/10W 100 ohm	X301	061-3560-90	3.145728MHz AT-41CD2
R342	119-4731-15	1/10W 47k ohm	R436	119-1011-15	1/10W 100 ohm	X401	061-3537-90	41.6MHz
R343	119-1011-15	1/10W 100 ohm	R438	119-1011-15	1/10W 100 ohm	PWB	039-3102-02	PWB(WITHOUT COMPONENTS)
R344	119-1011-15	1/10W 100 ohm	R439	119-1011-15	1/10W 100 ohm			
R345	119-3331-15	1/10W 33k 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			

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			8V70mA(BLU)	R916	119-0000-05	1/10W 0 ohm JW
C903	166-2201-50	22pF CH	PL905	017-0464-52	PL-LAMP	R917	119-0000-05	1/10W 0 ohm JW
C904	043-0554-90	25V 10uF			8V70mA(BLU)	R918	119-1811-15	1/10W 180 ohm
C905	168-1042-78	16V 0.1uF	PL906	017-0464-52	PL-LAMP	R919	119-2721-15	1/10W 2.7k ohm
C906	166-2201-50	22pF CH			8V70mA(BLU)	R920	119-4721-15	1/10W 4.7k ohm
C907	166-2201-50	22pF CH	PL907	017-0464-52	PL-LAMP	R921	117-0000-05	1/8W 0 ohm JW
D901	001-0535-90	MA729			8V70mA(BLU)	R930	119-1041-15	1/10W 100k ohm
D902	001-0535-90	MA729	PL908	017-0460-02	PL-LAMP	R931	119-1041-15	1/10W 100k ohm
D903	001-0535-90	MA729			8V70mA(BLU)	R932	119-1041-15	1/10W 100k ohm
D904	001-0535-90	MA729	PL909	017-0464-52	PL-LAMP	R933	119-1041-15	1/10W 100k ohm
D905	001-0535-90	MA729			8V70mA(BLU)	R934	119-1041-15	1/10W 100k ohm
D906	001-0535-90	MA729	PL910	017-0460-02	PL-LAMP	S901	013-6202-52	SKPMBJE010
D907	001-0535-90	MA729			8V70mA(BLU)	S902	013-6202-52	SKPMBJE010
D908	001-0535-90	MA729	PL911	017-0464-52	PL-LAMP	S903	013-6202-52	SKPMBJE010
D909	001-0535-90	MA729			8V70mA(BLU)	S904	013-6202-52	SKPMBJE010
D910	001-0535-90	MA729	PL912	017-0460-02	PL-LAMP	S905	013-6202-52	SKPMBJE010
D911	001-0535-90	MA729			8V70mA(BLU)	S906	013-6201-52	SKPMAP010
D912	001-0535-90	MA729	PL913	017-0464-52	PL-LAMP	S907	013-6201-52	SKPMAP010
D913	001-0535-90	MA729			8V70mA(BLU)	S910	013-6207-50	SKPMAQE010
D914	001-0535-90	MA729	PL914	017-0460-02	PL-LAMP	S911	013-6201-52	SKPMAP010
D915	001-0535-90	MA729			8V70mA(BLU)	S912	013-6207-50	SKPMAQE010
D916	001-0535-90	MA729	PL915	017-0464-52	PL-LAMP	S913	013-6207-50	SKPMAQE010
D917	001-0535-90	MA729			8V70mA(BLU)	S914	013-6201-52	SKPMAP010
D918	001-0535-90	MA729	PL916	017-0464-52	PL-LAMP	S915	013-6202-52	SKPMBJE010
D919	001-0535-90	MA729			8V70mA(BLU)	S916	013-6201-52	SKPMAP010
D920	001-0535-90	MA729	Q901	125-2027-91	DTC114EUA	S917	013-6201-52	SKPMAP010
D921	001-0535-90	MA729	Q902	125-2027-91	DTC114EUA	S920	013-6207-50	SKPMAQE010
D922	001-0535-90	MA729	R901	119-4711-15	1/10W 470 ohm	S921	013-6207-50	SKPMAQE010
D935	001-7103-91	CL-191S-MG-D-T	R902	119-4711-15	1/10W 470 ohm	S922	013-6201-52	SKPMAP010
IC901	051-6652-90	R8A66151SP-DF0Z	R903	119-4711-15	1/10W 470 ohm	S923	013-6207-50	SKPMAQE010
J901	074-1158-69	19P	R904	119-4711-15	1/10W 470 ohm	S924	013-6207-50	SKPMAQE010
J902	074-1158-69	19P	R905	119-4711-15	1/10W 470 ohm	S925	013-6201-52	SKPMAP010
J903	074-3014-74	24P	R906	119-1021-15	1/10W 1k ohm	S926	013-6202-52	SKPMBJE010
PL901	017-0460-02	PL-LAMP	R907	119-1021-15	1/10W 1k ohm	S927	016-7003-00	ROTARY-SW EC40
		8V70mA(BLU)	R908	119-1021-15	1/10W 1k ohm			A15204
PL902	017-0460-02	PL-LAMP	R909	119-1021-15	1/10W 1k ohm	TM905	073-0786-90	TERMINAL
		8V70mA(BLU)	R910	119-1021-15	1/10W 1k ohm	TM906	073-0786-90	TERMINAL
PL903	017-0464-52	PL-LAMP	R913	119-0000-05	1/10W 0 ohm JW	VR901	016-0018-20	VR W/SHAFT
		8V70mA(BLU)	R914	119-0000-05	1/10W 0 ohm JW	PWB	039-3101-00	PWB(WITHOUT
PL904	017-0464-52	PL-LAMP	R915	119-0000-05	1/10W 0 ohm JW			COMPONENTS)

Service Manual



CD Mechanism

Model **929-5024-80**

ELECTRICAL PARTS LIST

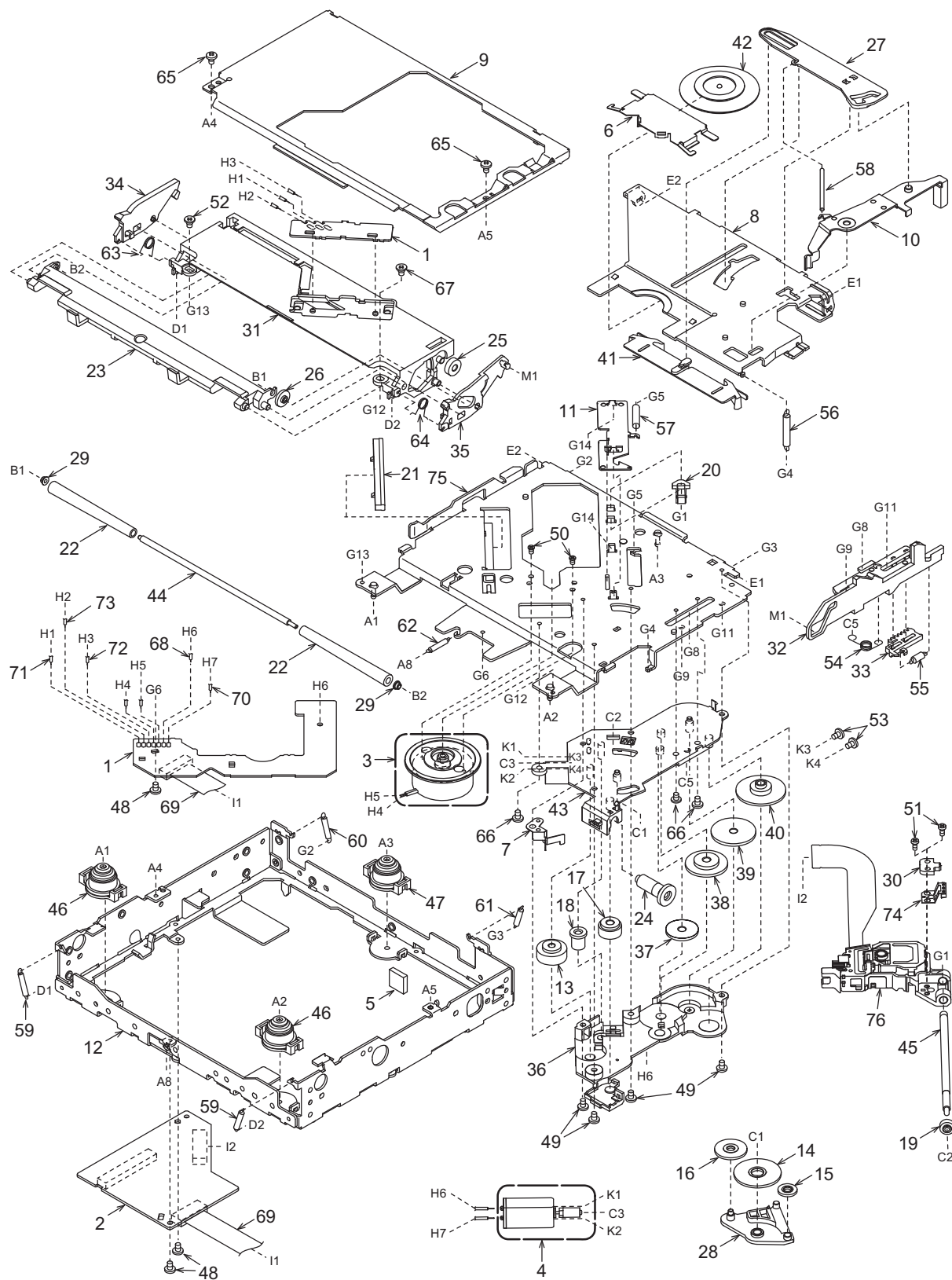
CD PWB(BM1) section

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	039-3172-20	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	39	621-1750-20	POWER GEAR C	1
2	-----	MAIN PWB	1	40	621-1751-20	POWER GEAR D	1
3	SMA-182-100	SPINDLE MOTOR-ASSY	1	41	621-1752-20	DISC STOPPER	1
4	SMA-183-100	SLED MOTOR-ASSY	1	42	621-1753-20	CLAMPER RING	1
5	345-5476-20	CUSHION RUBBER	1	43	621-1754-20	GEAR BASE	1
6	620-1023-23	CLAMPER PLATE	1	44	622-1571-21	ROLLER SHAFT	1
7	620-1026-21	SPRING PLATE	1	45	624-0020-00	LEAD SCREW	1
8	620-1596-23	CLAMPER LINK	1	46	629-0086-20	DAMPER F	2
9	620-1598-22	UPPER CHASSIS	1	47	629-0087-20	DAMPER R	1
10	620-1752-20	SENSOR ARM	1	48	716-1507-01	SCREW(M2x3)	3
11	620-1753-20	ID-LOCK PLATE	1	49	716-1670-01	SCREW(M2x4)	4
12	620-1754-20	LOWER CHASSIS	1	50	716-1733-01	SCREW(M1.7x2.3)	2
13	621-0608-21	SECOND GEAR	1	51	716-3469-01	SCREW(1.7x4)	2
14	621-0609-20	BASE GEAR	1	52	716-3473-01	SCREW(M2x3)	1
15	621-0610-20	IDLE GEAR A	1	53	716-3551-00	SCREW(M1.4x2.5)	2
16	621-0611-20	IDLE GEAR B	1	54	750-7865-20	SHIFT SPRING	1
17	621-0612-21	ROLLER GEAR A	1	55	750-7866-20	RACK SPRING	1
18	621-0620-20	THREAD GEAR A	1	56	750-7867-20	CLAMPER SPRING	1
19	621-0621-20	THREAD GEAR B	1	57	750-7868-20	ID-LOCK SPRING	1
20	621-0623-23	LS-HOLDER	1	58	750-7869-20	SENSOR SPRING	1
21	621-0624-22	GUIDE RAIL	1	59	750-7870-20	DR-SPRING F	2
22	621-0711-21	LOADING ROLLER	2	60	750-7871-20	DR-SPRING RA	1
23	621-0718-21	ROLLER GUIDE	1	61	750-7872-20	DR-SPRING RB	1
24	621-0719-20	ROLLER GEAR B	1	62	750-7873-20	DR-SPRING C	1
25	621-0720-20	ROLLER GEAR C	1	63	750-6797-20	ROLLER SPRING L	1
26	621-0721-20	ROLLER GEAR D	1	64	750-6798-20	ROLLER SPRING R	1
27	621-0728-20	STOPPER LINK	1	65	714-2003-8B	SCREW(M2x3)	2
28	621-1719-20	IDLE CASE	1	66	780-2025-00	SCREW(M2x2.5)	3
29	621-1726-20	ROLLER SLEEVE	2	67	781-1730-00	SCREW(M1.7x3)	1
30	621-1729-20	SH-BASE	1	68	803-4906-60	VINYL-COAT-WIRE(ORG)	1
31	621-1742-20	UPPER GUIDE	1	69	816-2542-01	FLAT WIRE	1
32	621-1743-20	SHIFT LEVER	1	70	816-2590-00	VINYL-COAT-WIRE(GRN)	1
33	621-1744-20	RACK	1	71	816-2591-00	VINYL-COAT-WIRE(YEL)	1
34	621-1745-20	LOCK ARM L	1	72	816-2592-00	VINYL-COAT-WIRE(BLUE)	1
35	621-1746-20	LOCK ARM R	1	73	816-2593-00	VINYL-COAT-WIRE(PUR)	1
36	621-1747-20	GEAR COVER	1	74	966-1722-20	SH-RACK-ASSY	1
37	621-1748-20	POWER GEAR A	1	75	966-1743-21	DRIVE-PLT-ASSY	1
38	621-1749-20	POWER GEAR B	1	76	969-0071-30	PICKUP-ASSY	1