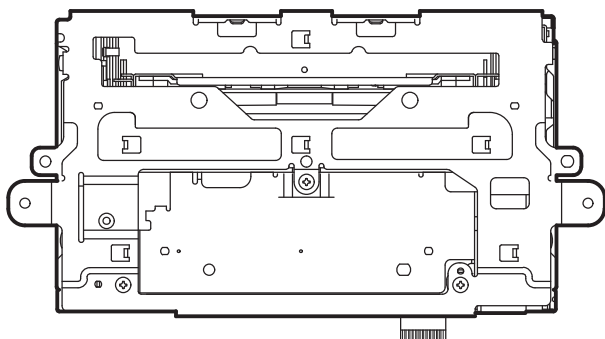


Service Manual



NISSAN Automobile Genuine
6-disc CD/MP3/WMA Autochanger
AM/FM Radio Stereo(160W Type)

Model **PP-2664D-A**
(Genuine No. 28185 AC700)

Model **PP-2664D-B**
(Genuine No. 28185 AC702)

REISSUE NOTIFICATION / REPLACEMENT REQUEST

It became clear that an error is in the written parts number of CD Changer mechanism section.
Respectfully, we guide the parts number of correction.

ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Original model.

Original model	Manual No.
PP-2664D-A	298-6179-00
PP-2664D-B	

EXPLODED VIEW / PARTS LIST

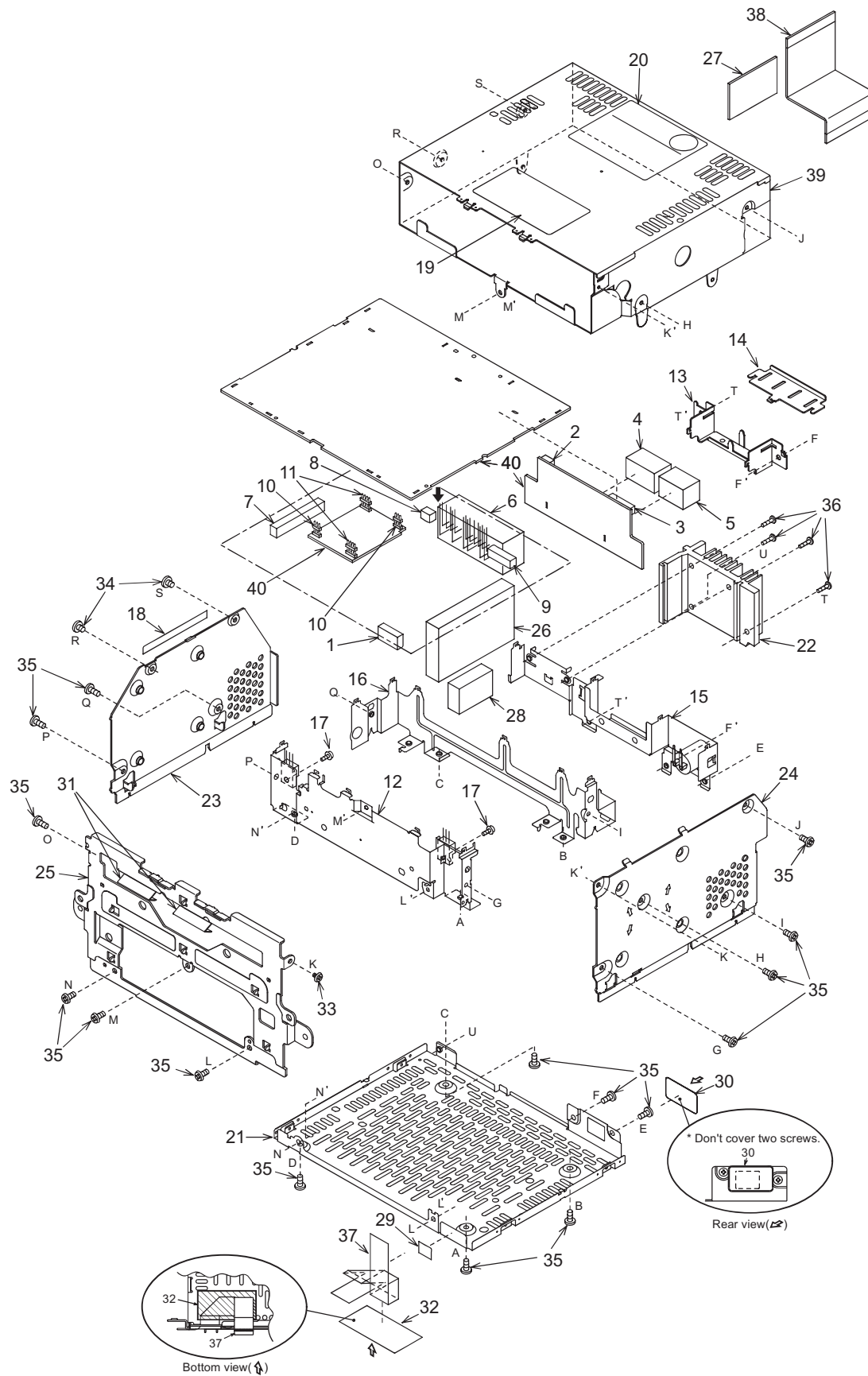
* Please correct the original service manual as follows.

CD Changer mechanism section(page 14)

NO.	PART NO.	DESCRIPTION	Q'TY
4	HBS-531-101	DRIVE UNIT	1

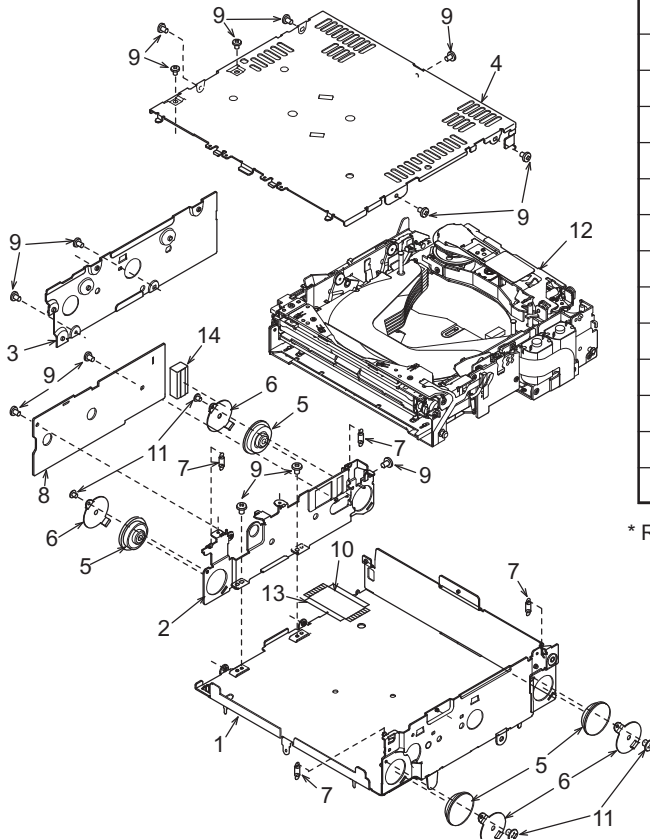
EXPLODED VIEW / PARTS LIST

Main section



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	074-0834-12	OUTLET SOCKET(SW PANEL)	1	21	311-1897-00	LOWER CASE	1
2	074-0898-06	OUTLET SOCKET(6P)	1	22	313-1911-00	HEAT SINK	1
3	074-0898-18	OUTLET SOCKET(18P)	1	23	331-3258-02	SIDE CASE(L)	1
4	074-1013-30	OUTLET SOCKET(A-12)	1	24	331-3259-02	SIDE CASE(R)	1
5	074-1087-12	OUTLET SOCKET(A-16)	1	25	331-3887-00	ES-PLATE	1
6	074-1141-00	OUTLET SOCKET(NS10/06)	1	26	880-1921U	TUNER PACK	1
7	074-1192-20	OUTLET SOCKET(20P)	1	27	335-6788-00	MOLDED PART	1
8	076-0368-06	PLUG(6P)	1	28	345-5806-00	EMC-GASKET	1
9	076-0368-18	PLUG(18P)	1	29	347-3072-00	PAPER PART	1
10	076-0655-03	PLUG(3P)	2	30	347-6623-00	SPACER	1
11	076-0655-04	PLUG(4P)	2	31	347-6910-00	PROTECTOR	2
12	309-0806-01	FRONT PLATE	1	32	347-7429-00	PROTECT SHEET	1
13	331-3478-01	OUTLET HOLDER	1	33	714-2004-87	MACHINE SCREW(M2x4)	1
14	331-3479-01	OUTLET HOLDER	1	34	714-2603-80	MACHINE SCREW(M2.6x3)	2
15	331-3885-10	REAR PLATE	1	35	714-2605-81	MACHINE SCREW(M2.6x5)	16
16	331-3886-00	MECH-BRKT	1	36	714-2612-89	MACHINE SCREW(M2.6x12)	4
17	716-1494-00	IT SCREW	2	37	816-5000-00	FLAT WIRE(SW PANEL)	1
18	285-1967-00	GUIDE LABEL	1	38	816-4007-00	FLAT WIRE(CD)	1
19	285-1968-00	GUIDE LABEL	1	39	929-0195-83	CD-CHANG-MODULE	1
20	286-6515-00 286-6515-02	SETPLATE(PP2664DA) SETPLATE(PP2664DB)	1 1	40	-----	MAIN PWB	1

CD changer module section



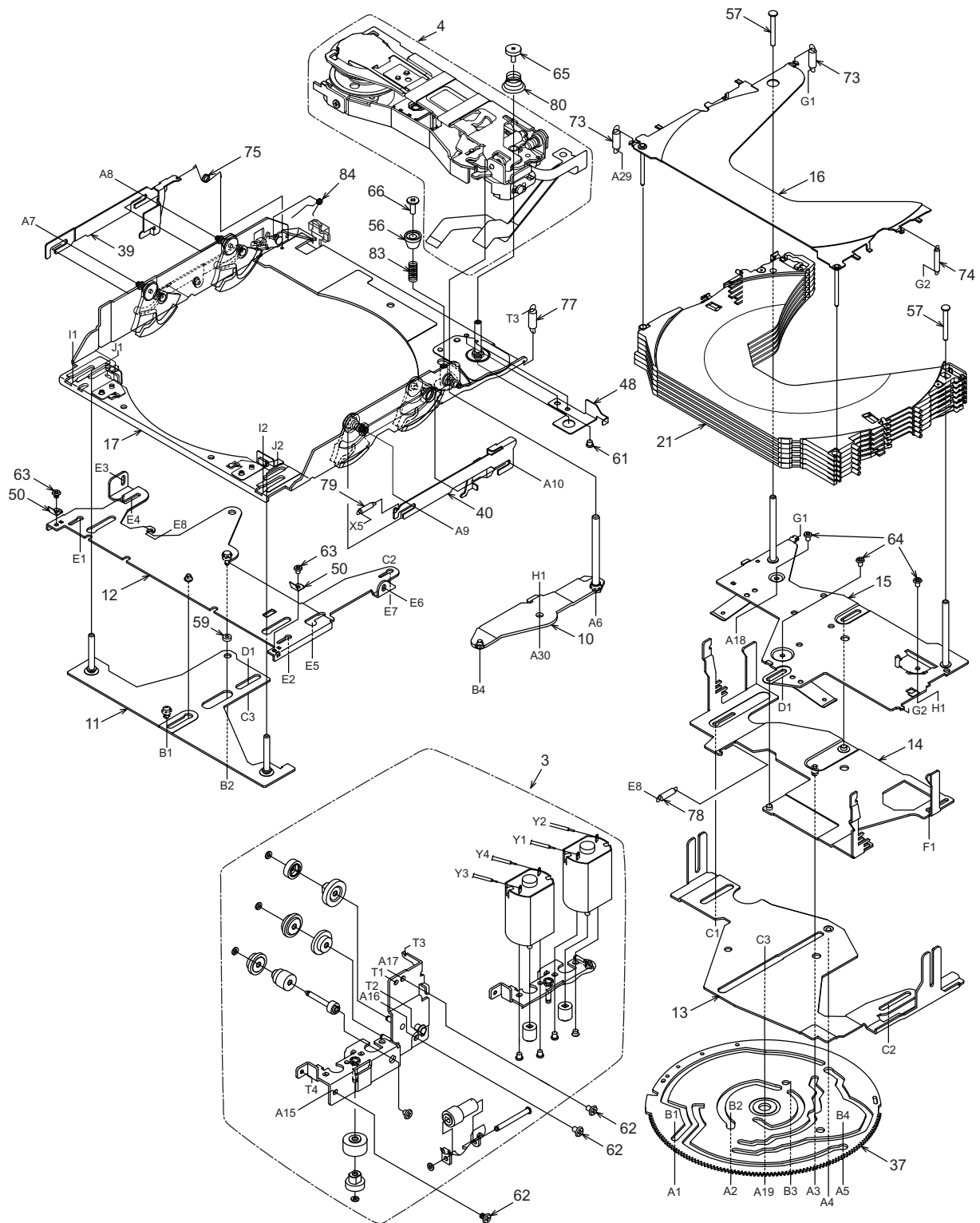
NO.	PART NO.	DESCRIPTION	Q'TY
1	311-1837-25	LOWER CASE	1
2	331-3896-22	PWB-HOLDER	1
3	305-0334-21	SIDE CASE	1
4	310-1741-27	UPPER CASE	1
5	629-0083-01	DAMPER	4
6	620-1086-20	DAMPER-H-PLT	4
7	750-3491-00	FL-SPRING	4
8	-----	CD PWB	1
9	716-1716-00	SCREW(M2x3)	14
10	039-1957-01	FPC	1
11	716-3450-00	SCREW(M1.7x2)	4
12	-----	CD CHANGER MECHANISM	1
13	347-6619-00	INSULATOR	1
14	345-8748-00	GASKET	1

* Refer to the following page about CD changer mechanism(No.12).

This diagram is a detailed exploded view of a mechanical assembly, likely a complex machine component. It features numerous parts, each labeled with a number or letter. The parts are arranged in a hierarchical manner, showing their relative positions and how they fit together. Key components include:

- Top Section:** A long, thin component (1) with various sub-components (J1-J9, L1-L8, K1-K8) and a central assembly (2, 32, 36, 41, 67, 85).
- Left Section:** A large, complex assembly (19) with various sub-components (A1-A28, B1-B3, C1, E1-E7, F1, G1, H1, I1, J1, K1, L1, M1, N1, O1, P1, Q1, R1, S1, T1, U1, V1, W1, X1, Y1, Z1).
- Right Section:** A large, complex assembly (29) with various sub-components (A1-A28, B1-B3, C1, E1-E7, F1, G1, H1, I1, J1, K1, L1, M1, N1, O1, P1, Q1, R1, S1, T1, U1, V1, W1, X1, Y1, Z1).
- Bottom Section:** A large, complex assembly (30) with various sub-components (A1-A28, B1-B3, C1, E1-E7, F1, G1, H1, I1, J1, K1, L1, M1, N1, O1, P1, Q1, R1, S1, T1, U1, V1, W1, X1, Y1, Z1).

The diagram uses a combination of solid lines and dashed lines to indicate the assembly path and the relative positions of the parts. The labels are placed near the corresponding parts, and the overall layout is organized to show the complete assembly structure.

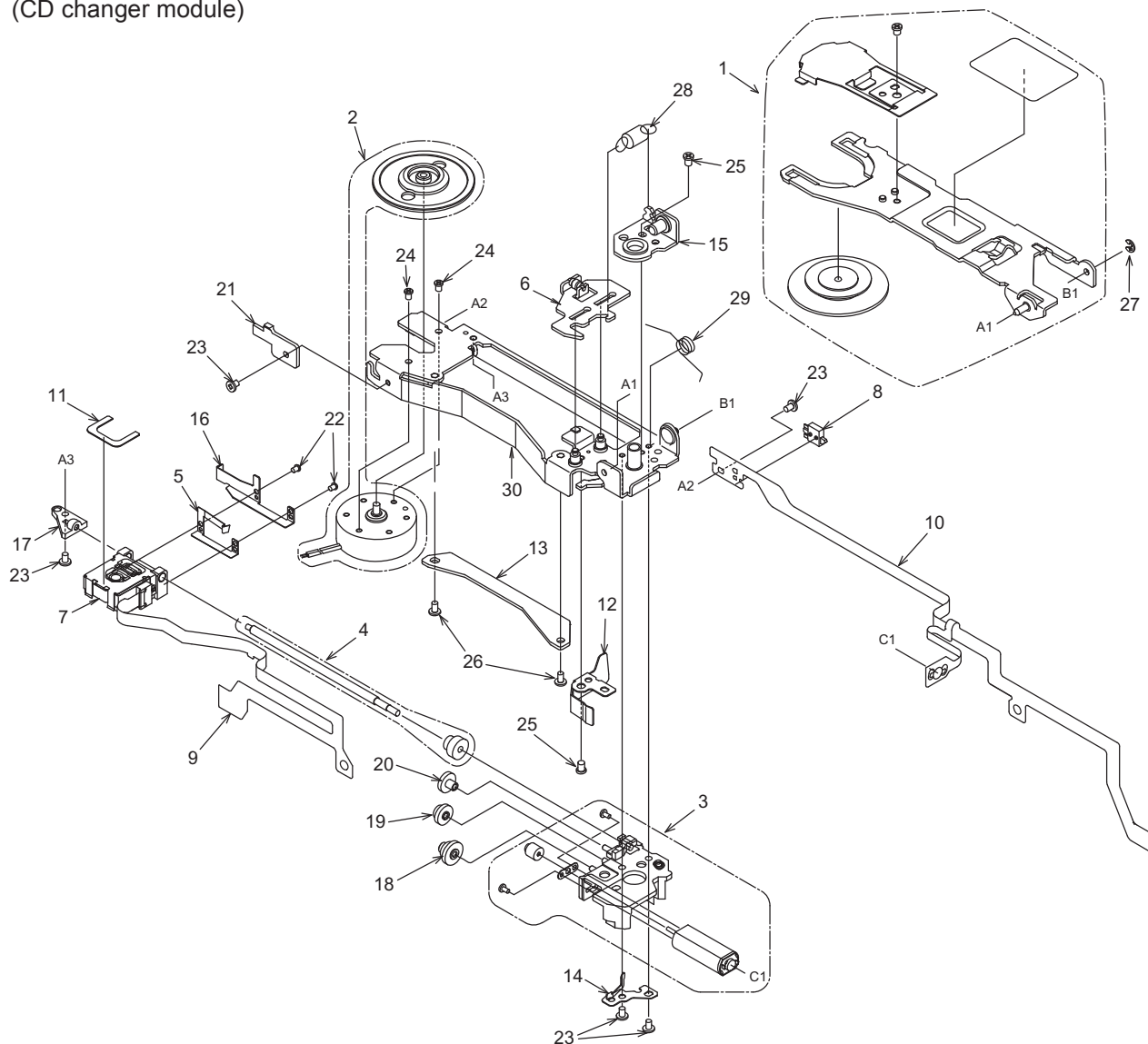


CD Changer mechanism section
(CD changer module)

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-521-100	LOADING UNIT	1	48	620-1083-20	FPC-PLATE	1
2	SMA-186-100	LOADING MOTOR ASSY	1	49	620-1090-20	GAP PLATE	1
3	HBS-530-100	MOTOR PLATE SUB ASSY	1	50	620-1568-20	RATTLE PLATE-F	2
4	HBS-531-103	DRIVE UNIT	1	51	621-0640-20	V-GEAR-G	1
5	-----	DSP PWB	1	52	621-0641-21	PI-HOLDER-M	1
6	-----	DRIVER PWB	1	53	621-0656-21	PI-HOLDER-V	1
7	966-0597-25	CHASSIS ASSY	1	54	622-1622-00	SL-G-ROLLER	2
8	966-0600-23	LOCK-P-RE-ASSY	1	55	622-1623-00	SL-G-ROLLER-R	2
9	966-0601-21	M-GEAR-P-ASSY	1	56	622-1648-02	DU-STP-SLEEVE	1
10	966-0602-24	DR-LINK-ASSY	1	57	622-1650-23	COV-PLATE PIN-B	2
11	966-0603-21	MODE-P-ASSY	1	58	622-1651-00	LOCK-RE-ROLLER	1
12	966-0604-24	LOCK-PF-ASSY	1	59	622-1652-00	LOCK-PF-ROLLER	1
13	966-0605-20	SHIFT-P-ASSY	1	60	716-1866-00	SCREW(M1.7x3)	4
14	966-0606-23	HLC-PLATE-ASSY	1	61	716-1873-00	SCREW(M2x1.6)	1
15	966-0607-26	COV-OLATE-ASSY	1	62	716-3449-00	SCREW(M2x3)	15
16	HBS-535-100	TOP-PLATE-ASSY	1	63	716-3450-00	SCREW(M1.7x2)	4
17	966-0652-22	DR-BASE-P-ASSY	1	64	716-3451-00	SCREW(M1.7x2.5)	4
18	966-0615-21	LOCK-L-RF-ASSY	1	65	716-3459-00	SCREW(M1.7x5)	1
19	966-0616-20	LOCK-L-LF-ASSY	1	66	716-3466-02	SCREW(M2x6)	1
20	966-0618-21	EJECT-B-ASSY	1	67	738-1422-11	PRECISION SCREW	2
21	966-0624-27	DISC-HOL-ASSY	1	68	743-1200-10	E-RING	2
22	001-7042-00	DIODE (GL4800)	4	69	743-1500-10	E-RING	13
23	013-7414-50	DETECTOR SWITCH	1	70	746-0624-00	WASHER	1
24	-----	LED-L-PWB	1	71	746-0712-23	WASHER	1
25	-----	LED-R-PWB	1	72	746-0761-00	WASHER	1
26	-----	SENSOR PWB	1	73	750-3478-01	TOP-P-SP-L	2
27	039-2009-00	PIM-FPC (WITHOUT COMPONENT)	1	74	750-3479-01	TOP-P-SP-R	1
28	039-2010-00	PIV-FPC (WITHOUT COMPONENT)	1	75	750-3480-01	DR-LOCK-SP	1
29	039-2011-01	LED-FPC	1	76	750-3483-00	EJECT-A-SPRING	1
30	039-2012-00	SENSOR-FPC	1	77	750-3484-01	DR-BASE-SPRING	1
31	039-2013-02	MOS-FPC	1	78	750-3485-01	TENSION-SP-L	1
32	039-2014-01	L-MOTOR-FPC (WITHOUT COMPONENT)	1	79	750-3486-01	LO-TENSION-SP	1
33	051-5806-01	IC (GPIS93)	1	80	750-3489-01	DRIVE-P-SPRING	1
34	051-5806-02	IC (GPIS95)	1	81	750-3496-00	GAP-P-SPRING R	1
35	060-0252-01	PHOTO-TR	4	82	750-3497-00	GAP-P-SPRING L	1
36	347-6657-01	LO-COVER SHEET	1	83	750-6711-01	DU-STP-SPRING	1
37	620-1041-25	GEAR PLATE	1	84	750-6712-01	DR-LOCK-SP-B	1
38	620-1042-20	M-GEAR-H	1	85	621-0651-22	LOAD GEAR-A	1
39	620-1056-22	HLR-PLATE-L	1	86	347-6974-22	FPC COVER	1
40	620-1580-20	HLR-PLATE-R	1	87	716-1850-01	SCREW	1
41	620-1576-20	LO-MOTOR-PLT	1	88	854-4348-01	EXTENSION LEAD	1
42	620-1066-20	LOCK LINK-LR	1	89	620-1604-20	DR-PLATE-SCREW	1
43	620-1067-21	SLIDE PLATE-L	1				
44	620-1068-22	SLIDE PLATE-R	1				
45	620-1071-21	EJECT ARM	1				
46	620-1072-20	EJECT PLATE	1				
47	620-1577-20	FRONT PLATE	1				

PP-2664D-A
PP-2664D-B

Drive unit section
(CD changer module)



NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-532-100	CLAMPER SUB ASSY	1
2	SMA-185-101	SPINDLE MOTOR ASSY	1
3	SMA-191-100	SLED MOTOR ASSY	1
4	HBS-515-101	LS-ASSY	1
5	620-1587-83	SH-SP-PLT	1
6	966-0622-24	D-SHIFT-P-ASSY	1
7	969-0011-00	PICK UP-ASSY	1
8	013-7414-50	DETECT SWITCH	1
9	039-2015-01	P/U-FPC	1
10	039-2016-02	M/S-FPC (WITHOUT COMPONENT)	1
11	347-6632-00	PU-SHEET	1
12	620-1078-20	PUSH PLATE	1
13	620-1080-22	PU-GUIDE PLATE	1
14	620-1081-20	SCREW PUSH-PLT	1
15	966-0650-20	SPRING PLT ASSY	1

NO.	PART NO.	DESCRIPTION	Q'TY
16	620-1730-81	SCREW-HOL-PLT	1
17	621-0670-20	LS-HOLDER-L	1
18	621-0673-20	D-GEAR A	1
19	621-0674-20	D-GEAR B	1
20	621-0675-20	D-GEAR C	1
21	621-0683-21	DU-STOPPER	1
22	716-3511-00	SCREW(M1.4x3)	2
23	716-3470-00	SCREW(M1.7x3)	5
24	738-1720-17	PRECISION SCREW	2
25	738-2025-17	PRECISION SCREW	2
26	716-3474-00	SCREW(M1.7x3)	2
27	743-1500-20	E-RING	1
28	750-3487-00	SHIFT-P-SPRING	1
29	750-3504-00	CLAMP-A-SPRING	1
30	966-0649-02	DRIVE PLT-ASSY	1

ELECTRICAL PARTS LIST

Main PWB section(B1)

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
BL101	880-1921U	TUNER PACK	C322	042-0592-58	16V 10uF		168-1232-55	0.012uF K
C101	166-1511-50	150pF CH	C323	042-0592-58	16V 10uF			(PP2664DB)
C102	166-4701-50	47pF CH	C328	178-1052-78	1uF	C451	168-2232-55	0.022uF K
C103	166-4701-50	47pF CH	C329	178-1052-78	1uF			(PP2664DA)
C104	178-1542-78	0.15uF	C330	043-0548-50	2.2uF		168-1232-55	0.012uF K
C105	168-1032-55	0.01uF K	C331	043-0548-50	2.2uF			(PP2664DB)
C106	168-1032-55	0.01uF K	C332	178-4742-78	0.47uF	C452	168-8222-55	8200pF K
C107	178-1052-78	1uF	C333	178-4742-78	0.47uF			(PP2664DA)
C108	163-1063-35	16V10uF	C401	168-5612-55	560pF Z		168-6822-55	6800pF K
C109	168-3322-55	3300pF K	C402	168-6812-55	680pF K			(PP2664DB)
C110	168-1022-55	1000pF K	C403	168-6812-55	680pF K	C453	168-3932-78	0.039uF K
C111	168-4732-78	0.047uF K	C404	168-5612-55	560pF Z			(PP2664DA)
C112	166-1501-50	15pF CH	C405	166-2201-50	22pF CH		168-1832-55	0.018uF K
C114	168-1022-55	1000pF K	C406	166-2201-50	22pF CH			(PP2664DB)
C115	168-1022-55	1000pF K	C407	166-2201-50	22pF CH	C454	178-3942-78	0.39uF(PP2664DA)
C116	166-2201-50	22pF CH	C408	166-2201-50	22pF CH		178-1522-78	1500pF(PP2664DB)
C117	187-1073-37	16V100uF	C409	168-2222-55	2200pF K	C455	178-3942-78	0.39uF(PP2664DA)
C118	178-1052-78	1uF	C410	168-2222-55	2200pF K		178-1522-78	1500pF(PP2664DB)
C119	166-1201-50	12pF CH	C411	168-8222-55	8200pF K	C456	168-3932-78	0.039uF K
C121	166-1007-50	10pF CH	C412	168-8222-55	8200pF K			(PP2664DA)
C122	166-1011-50	100pF CH	C413	166-2201-50	22pF CH		168-1832-55	0.018uF K
C123	188-1073-28	10V 100uF	C414	166-2201-50	22pF CH			(PP2664DB)
C124	043-0277-51	0.022uF	C415	166-2201-50	22pF CH	C457	168-1042-78	16V 0.1uF
C125	168-1042-78	16V 0.1uF	C416	166-2201-50	22pF CH	C513	119-0000-05	1/10W 0 ohm JW
C126	188-1073-28	10V 100uF	C417	178-3942-78	0.39uF	C514	168-1042-78	16V 0.1uF
C127	168-1042-78	16V 0.1uF	C418	178-3942-78	0.39uF	C516	166-1011-50	100pF CH
C128	168-1042-78	16V 0.1uF	C419	178-3942-78	0.39uF	C517	119-0000-05	1/10W 0 ohm JW
C129	188-1073-28	10V 100uF	C420	178-3942-78	0.39uF	C519	166-1011-50	100pF CH
C130	178-1052-78	1uF	C421	043-0309-91	10V 0.82uF	C601	163-1073-35	16V100uF
C131	168-1232-55	0.012uF K			(PP2664DA)	C602	168-1042-78	16V 0.1uF
C133	043-0277-51	0.022uF		178-5642-78	0.56uF(PP2664DB)	C603	168-4732-78	0.047uF K
C134	188-4763-38	16V 47uF	C422	043-0309-91	10V 0.82uF			(PP2664DA)
C135	042-1458-90	50V 1uF LN			(PP2664DA)		168-5632-78	16V 0.056uF
C138	168-1022-55	1000pF K		178-5642-78	0.56uF(PP2664DB)			(PP2664DB)
C140	168-2232-55	0.022uF K	C423	166-2201-50	22pF CH	C604	168-4732-78	0.047uF K
C141	188-4763-38	16V 47uF	C424	166-2201-50	22pF CH			(PP2664DA)
C142	168-3932-78	0.039uF K	C425	166-2201-50	22pF CH		168-5632-78	16V 0.056uF
C143	166-1011-50	100pF CH	C426	166-2201-50	22pF CH			(PP2664DB)
C144	166-1011-50	100pF CH	C427	168-2232-55	0.022uF K	C605	168-8232-78	0.082uF K
C145	166-1011-50	100pF CH	C428	168-2232-55	0.022uF K			(PP2664DA)
C146	166-1011-50	100pF CH	C429	168-1232-55	0.012uF K		168-6832-78	0.068uF K
C147	168-3932-78	0.039uF K	C430	168-1232-55	0.012uF K			(PP2664DB)
C148	166-1801-50	18pF CH	C431	168-1232-55	0.012uF K	C606	168-8232-78	0.082uF K
C149	178-3332-78	0.033uF	C432	168-1232-55	0.012uF K			(PP2664DA)
C150	178-3332-78	0.033uF	C433	178-1542-78	0.15uF(PP2664DA)		168-6832-78	0.068uF K
C151	166-1501-50	15pF CH		178-2222-78	2200pF(PP2664DB)			(PP2664DB)
C152	168-4722-55	4700pF K	C434	178-2742-78	0.27uF(PP2664DA)	C607	178-3342-78	0.33uF
C153	168-1042-78	16V 0.1uF		043-0309-91	10V 0.82uF	C608	042-9138-00	35V 560uF
C154	166-1011-50	100pF CH			(PP2664DB)	C609	168-4732-78	0.047uF K
C155	166-1011-50	100pF CH	C435	178-2742-78	0.27uF(PP2664DA)			(PP2664DA)
C201	168-2232-55	0.022uF K		043-0309-91	10V 0.82uF		168-5632-78	16V 0.056uF
C210	163-4763-15	6.3V47uF			(PP2664DB)			(PP2664DB)
C211	168-1042-78	16V 0.1uF	C436	178-1542-78	0.15uF(PP2664DA)	C610	168-8232-78	0.082uF K
C212	168-2222-55	2200pF K		178-2222-78	2200pF(PP2664DB)			(PP2664DA)
C213	168-1022-55	1000pF K	C437	178-1242-78	0.12uF(PP2664DA)		168-6832-78	0.068uF K
C214	168-1032-55	0.01uF K		178-6822-78	6800pF(PP2664DB)			(PP2664DB)
C215	168-1042-78	16V 0.1uF	C438	178-1542-78	0.15uF(PP2664DA)	C611	166-2201-50	22pF CH
C216	168-2222-55	2200pF K		178-5632-78	0.056uF(PP2664DB)	C612	166-2201-50	22pF CH
C217	168-2222-55	2200pF K	C439	178-1542-78	0.15uF(PP2664DA)	C613	168-4732-78	0.047uF K
C218	168-2222-55	2200pF K		178-5632-78	0.056uF(PP2664DB)	C614	166-2201-50	22pF CH
C219	168-2222-55	2200pF K	C440	178-1242-78	0.12uF(PP2664DA)	C615	166-2201-50	22pF CH
C301	163-1063-35	16V10uF		178-6822-78	6800pF(PP2664DB)	C616	168-4732-78	0.047uF K
C302	178-4742-78	0.47uF	C441	166-2201-50	22pF CH			(PP2664DA)
C303	178-4742-78	0.47uF	C442	166-2201-50	22pF CH		168-5632-78	16V 0.056uF
C305	178-1052-78	1uF	C443	166-2201-50	22pF CH			(PP2664DB)
C306	178-1052-78	1uF	C444	166-2201-50	22pF CH	C617	168-8232-78	0.082uF K
C307	178-1052-78	1uF	C445	166-2201-50	22pF CH			(PP2664DA)
C308	178-1052-78	1uF	C446	166-2201-50	22pF CH		168-6832-78	0.068uF K
C314	168-1042-78	16V 0.1uF	C447	166-2201-50	22pF CH			(PP2664DB)
C315	166-2211-50	220pF CH	C448	166-2201-50	22pF CH	C618	168-1022-55	1000pF K
C316	178-1542-78	0.15uF	C449	168-8222-55	8200pF K	C620	178-8232-78	0.082uF
C317	163-1063-35	16V10uF			(PP2664DA)	C621	178-8232-78	0.082uF
C318	166-2211-50	220pF CH		168-6822-55	6800pF K	C622	178-8232-78	0.082uF
C319	178-1542-78	0.15uF			(PP2664DB)	C623	178-8232-78	0.082uF
C320	042-0592-58	16V 10uF	C450	168-2232-55	0.022uF K	C624	042-0667-00	16V 470uF M
C321	042-0592-58	16V 10uF			(PP2664DA)	C625	168-1042-78	16V 0.1uF

PP-2664D-A
PP-2664D-B

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C626	042-0592-61	16V 47uF	IC202	052-3161-50	M30624MGA-600GP	R104	119-2731-15	1/10W 27k ohm
C627	168-1042-78	16V 0.1uF	IC203	051-5436-38	BD5233G-TR	R105	119-1041-15	1/10W 100k ohm
C628	168-1042-78	16V 0.1uF	IC301	051-5037-90	BD3807K	R106	119-1041-15	1/10W 100k ohm
C629	163-1073-35	16V100uF	IC401	051-3019-90	NJM2060V	R107	119-1031-15	1/10W 10k ohm
C630	168-6822-55	6800pF K	IC402	051-3019-90	NJM2060V	R108	119-1031-15	1/10W 10k ohm
C631	042-0592-58	16V 10uF	IC403	051-3019-90	NJM2060V	R109	119-5631-15	1/10W 56k ohm
C632	163-1073-35	16V100uF	IC404	051-3019-90	NJM2060V	R110	119-3911-15	1/10W 390 ohm
C633	163-2273-25	10V 220uF	IC502	051-3020-90	NJM4565V	R111	119-4731-15	1/10W 47k ohm
C634	168-2232-55	0.022uF K	IC601	051-3019-90	NJM2060V	R112	119-1021-15	1/10W 1k ohm
C635	166-2201-50	22pF CH	IC602	051-3290-00	PQ2CF1	R113	119-1031-15	1/10W 10k ohm
C636	163-2263-35	16V22uF	IC603	051-2055-00	TDA8593J/N3	R114	119-1031-15	1/10W 10k ohm
C637	168-2232-55	0.022uF K	IC604	051-3020-90	NJM4565V	R115	119-1011-15	1/10W 100 ohm
C638	163-3343-65	50V 0.33uF	IC605	051-5441-08	BD4828G-TR	R116	119-4741-15	1/10W 470k ohm
C639	166-4701-50	47pF CH	IC606	051-3341-90	BD3931FP	R117	119-1021-15	1/10W 1k ohm
C640	168-6822-55	6800pF K	J203	074-0834-12	12P	R118	119-1021-15	1/10W 1k ohm
C641	163-1073-35	16V100uF	J205	074-1192-20	OUTLET SOCKET	R121	119-1841-15	1/10W 180k ohm
C642	168-1042-78	16V 0.1uF	J602	074-1141-00	NS10+6	R122	119-2221-15	1/10W 2.2k ohm
C643	163-1073-35	16V100uF	J702	074-1013-30	OUTLET SOCKET	R123	119-0000-05	1/10W 0 ohm JW
C644	172-1041-15	0.1uF			(A12MW)	R124	119-4721-15	1/10W 4.7k ohm
C645	042-1465-00	16V 3300uF	J703	074-1087-12	OUTLET SOCKET	R125	119-1021-15	1/10W 1k ohm
C651	042-0423-21	10V 22uF	L101	010-2198-65	0.1uH	R126	119-2221-15	1/10W 2.2k ohm
C655	168-1042-78	16V 0.1uF	L102	010-2198-53	5.6uH	R127	119-4721-15	1/10W 4.7k ohm
C657	168-2222-55	2200pF K	L103	010-2312-52	0.27uH	R128	119-3321-15	1/10W 3.3k ohm
C658	168-1042-78	16V 0.1uF	L104	010-2003-04	30uH	R129	119-1001-15	1/10W 10 ohm
C659	163-1073-35	16V100uF	L105	010-6009-76	22uH	R130	119-1501-15	1/10W 15 ohm
C660	188-1053-68	50V 1uF	L202	010-3407-66	NLV32 22uH J	R131	119-2221-15	1/10W 2.2k ohm
C665	166-1511-50	150pF CH	L203	010-3407-66	NLV32 22uH J	R132	119-2221-15	1/10W 2.2k ohm
C666	166-1511-50	150pF CH	L601	010-8030-00	100uH	R133	119-1021-15	1/10W 1k ohm
C667	166-1511-50	150pF CH	P101	076-0368-06	PLUG 6P	R134	119-1031-15	1/10W 10k ohm
C668	166-1511-50	150pF CH	P102	076-0368-18	PLUG 18P	R135	119-1021-15	1/10W 1k ohm
C671	168-6822-55	6800pF K	P401	076-0655-04	PLUG 4P	R136	119-1021-15	1/10W 1k ohm
C672	178-2242-38	0.22uF B	P402	076-0655-03	PLUG 3P	R137	119-1031-15	1/10W 10k ohm
C673	178-2242-38	0.22uF B	P403	076-0655-03	PLUG 3P	R138	119-4721-15	1/10W 4.7k ohm
C681	168-2232-55	0.022uF K	P404	076-0655-04	PLUG 4P	R139	119-4721-15	1/10W 4.7k ohm
C682	168-2232-55	0.022uF K	P701	074-0898-06	SOCKET 6P	R140	119-2221-15	1/10W 2.2k ohm
C683	168-2232-55	0.022uF K	P702	074-0898-18	SOCKET 18P	R141	119-1021-15	1/10W 1k ohm
C684	168-2232-55	0.022uF K	Q101	192-4116-00	2SC4116	R142	119-2701-15	1/10W 27 ohm
C685	168-2232-55	0.022uF K	Q102	192-4116-00	2SC4116	R143	119-4731-15	1/10W 47k ohm
C686	168-2232-55	0.022uF K	Q103	125-2026-91	UN5211	R206	119-4721-15	1/10W 4.7k ohm
C687	168-2232-55	0.022uF K	Q104	125-2026-91	UN5211	R207	119-4721-15	1/10W 4.7k ohm
C688	168-2232-55	0.022uF K	Q105	125-2026-91	UN5211	R209	119-4731-15	1/10W 47k ohm
C701	042-1562-17	16V 10uF	Q106	125-2026-91	UN5211	R210	119-4731-15	1/10W 47k ohm
C702	042-1562-17	16V 10uF	Q107	192-4116-51	2SC4116 G,L	R211	119-4731-15	1/10W 47k ohm
C703	042-1562-17	16V 10uF	Q109	192-4116-51	2SC4116 G,L	R212	119-4731-15	1/10W 47k ohm
C704	042-1562-17	16V 10uF	Q110	190-1162-00	2SA1162	R213	119-1011-15	1/10W 100 ohm
C706	168-1032-55	0.01uF K	Q111	190-1162-00	2SA1162	R214	119-1011-15	1/10W 100 ohm
C708	168-1022-55	1000pF K	Q201	125-2026-92	UN5212	R217	119-4721-15	1/10W 4.7k ohm
C709	168-1022-55	1000pF K	Q204	125-9017-92	UMD3N-TR	R219	119-4731-15	1/10W 47k ohm
C713	168-1022-55	1000pF K	Q205	192-4116-00	2SC4116	R220	119-4731-15	1/10W 47k ohm
C714	168-2232-55	0.022uF K	Q206	125-0020-91	UN5111	R221	119-3311-15	1/10W 330 ohm
C717	188-1066-38	16V 10uF NP	Q207	125-2026-91	UN5211	R222	119-1021-15	1/10W 1k ohm
C718	188-1066-38	16V 10uF NP	Q209	192-4116-00	2SC4116	R223	119-1021-15	1/10W 1k ohm
D101	001-9008-90	1SV250	Q504	125-2026-91	UN5211	R224	119-1031-15	1/10W 10k ohm
D102	001-9008-90	1SV250	Q505	125-2026-91	UN5211	R225	119-1021-15	1/10W 1k ohm
D201	001-0516-90	MA111	Q506	191-0709-00	2SB709A Q,R,S	R226	119-1031-15	1/10W 10k ohm
D202	001-0529-48	MA8091-H	Q601	103-2012-00	2SD2012	R227	119-3311-15	1/10W 330 ohm
D203	001-0529-48	MA8091-H	Q606	191-1214-00	2SB1214	R228	119-4731-15	1/10W 47k ohm
D204	001-0529-48	MA8091-H	Q607	192-2712-51	2SC2712 G,L	R229	119-4731-15	1/10W 47k ohm
D205	001-0529-48	MA8091-H	Q608	193-1259-50	2SD1259DS R,Q	R230	119-1521-15	1/10W 1.5k ohm
D206	001-0529-48	MA8091-H	Q609	125-9017-92	UMD3N-TR	R231	119-2231-15	1/10W 22k ohm
D501	001-0516-90	MA111	Q610	193-2118-00	2SD2118F5 Q,R,S	R232	119-3311-15	1/10W 330 ohm
D601	001-0347-33	MA4056H	Q611	192-4116-00	2SC4116	R236	119-2231-15	1/10W 22k ohm
D603	001-2407-90	SFPB-74V	Q612	125-9017-92	UMD3N-TR	R238	119-4731-15	1/10W 47k ohm
D605	001-0516-90	MA111	Q615	190-1298-00	2SA1298	R239	119-4731-15	1/10W 47k ohm
D606	001-0504-49	HZS9 C3L	Q616	125-2026-91	UN5211	R240	119-1021-15	1/10W 1k ohm
D607	001-0504-49	HZS9 C3L	Q617	125-2026-95	UN521N	R241	119-4731-15	1/10W 47k ohm
D608	001-0529-34	MA8062-L	Q618	131-1188-00	2SB1188	R242	119-4731-15	1/10W 47k ohm
D611	001-0516-90	MA111	Q671	193-2118-00	2SD2118F5 Q,R,S	R243	119-4731-15	1/10W 47k ohm
D612	001-0466-90	S5688B	Q672	125-9017-92	UMD3N-TR	R244	119-4731-15	1/10W 47k ohm
D613	001-2015-00	RL253	Q704	125-2026-91	UN5211	R245	119-4731-15	1/10W 47k ohm
D614	001-0466-90	S5688B	Q705	125-2026-91	UN5211	R246	119-1041-15	1/10W 100k ohm
D615	001-0466-90	S5688B	Q706	125-0020-91	UN5111	R247	119-4731-15	1/10W 47k ohm
D671	001-0529-32	MA8056-M	Q709	192-4116-00	2SC4116	R248	116-2211-15	1/4W 220 ohm
D703	001-0466-90	S5688B	Q710	192-4116-00	2SC4116	R249	119-1041-15	1/10W 100k ohm
D704	001-0516-90	MA111	Q714	192-4116-00	2SC4116	R250	119-4741-15	1/10W 470k ohm
D705	001-0516-90	MA111	R2	119-0000-05	1/10W 0 ohm JW	R251	119-4741-15	1/10W 470k ohm
D707	041-4305-39	UDZSTE-17 36B	R3	119-0000-05	1/10W 0 ohm JW	R252	119-1031-15	1/10W 10k ohm
IC101	051-4617-90	LA1061M-TE-L	R101	119-1041-15	1/10W 100k ohm	R253	119-4731-15	1/10W 47k ohm
IC102	051-3020-90	NJM4565V	R102	119-1041-15	1/10W 100k ohm	R254	119-5631-15	1/10W 56k ohm
IC103	051-6212-08	LC72191JM-TLM	R103	119-2731-15	1/10W 27k ohm	R255	119-0000-05	1/10W 0 ohm JW

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R258	119-1021-15	1/10W 1k ohm			(PP2664DB)			(PP2664DA)
R260	119-4731-15	1/10W 47k ohm	R450	119-2021-15	1/10W 2k ohm		119-8221-15	1/10W 8.2k ohm
R261	119-1021-15	1/10W 1k ohm		119-8211-15	1/10W 820 ohm	R622	119-5131-15	1/10W 51k ohm
R263	119-1021-15	1/10W 1k ohm			(PP2664DB)			(PP2664DA)
R264	119-1021-15	1/10W 1k ohm	R451	119-2021-15	1/10W 2k ohm		119-4731-15	1/10W 47k ohm
R265	119-1021-15	1/10W 1k ohm			(PP2664DA)			(PP2664DB)
R266	119-1021-15	1/10W 1k ohm		119-8211-15	1/10W 820 ohm	R623	119-5131-15	1/10W 51k ohm
R267	119-1021-15	1/10W 1k ohm			(PP2664DB)			(PP2664DA)
R268	119-1021-15	1/10W 1k ohm	R452	119-3621-15	1/10W 3.6k ohm		119-4731-15	1/10W 47k ohm
R269	119-4731-15	1/10W 47k ohm			(PP2664DA)			(PP2664DB)
R301	032-0106-64	1/8W 56k ohm D		119-2721-15	1/10W 2.7k ohm	R626	116-2221-15	1/4W 2.2k ohm
R302	032-0106-64	1/8W 56k ohm D			(PP2664DB)	R627	116-2221-15	1/4W 2.2k ohm
R303	032-0106-64	1/8W 56k ohm D	R453	119-1511-15	1/10W 150 ohm	R628	119-2231-15	1/10W 22k ohm
R304	032-0106-64	1/8W 56k ohm D	R454	119-1511-15	1/10W 150 ohm	R629	119-1031-15	1/10W 10k ohm
R311	119-3331-15	1/10W 33k ohm	R455	119-1511-15	1/10W 150 ohm	R630	119-1021-15	1/10W 1k ohm
R312	119-1241-15	1/10W 120k ohm	R456	119-1511-15	1/10W 150 ohm	R633	119-4731-15	1/10W 47k ohm
R313	119-4721-15	1/10W 4.7k ohm	R457	119-1541-15	1/10W 150k ohm	R634	119-4731-15	1/10W 47k ohm
R314	119-1241-15	1/10W 120k ohm	R458	119-1541-15	1/10W 150k ohm	R635	119-1031-15	1/10W 10k ohm
R315	119-4721-15	1/10W 4.7k ohm	R459	119-1541-15	1/10W 150k ohm	R636	119-4731-15	1/10W 47k ohm
R401	119-2731-15	1/10W 27k ohm	R460	119-1541-15	1/10W 150k ohm	R637	116-2211-15	1/4W 220 ohm
		(PP2664DA)	R461	119-1541-15	1/10W 150k ohm	R638	119-1041-15	1/10W 100k ohm
	119-2231-15	1/10W 22k ohm	R462	119-1541-15	1/10W 150k ohm	R639	119-1231-15	1/10W 12k ohm
R402	119-2731-15	1/10W 27k ohm	R463	119-1541-15	1/10W 150k ohm	R640	119-2231-15	1/10W 22k ohm
		(PP2664DA)	R464	119-1541-15	1/10W 150k ohm	R641	119-2231-15	1/10W 22k ohm
	119-2231-15	1/10W 22k ohm	R465	119-1511-15	1/10W 150 ohm	R642	119-2231-15	1/10W 22k ohm
R403	119-3331-15	1/10W 33k ohm	R466	119-1511-15	1/10W 150 ohm	R643	119-2231-15	1/10W 22k ohm
		(PP2664DA)	R467	119-1511-15	1/10W 150 ohm	R644	032-0140-16	1/10W18ohm F
	119-1831-15	1/10W 18k ohm	R468	119-1511-15	1/10W 150 ohm	R645	032-0106-65	1/8W 100k ohm D
		(PP2664DB)	R469	119-2221-15	1/10W 2.2k ohm	R646	116-3911-15	1/4W 390 ohm
R404	119-3331-15	1/10W 33k ohm	R470	119-9111-15	1/10W 910 ohm	R647	119-1041-15	1/10W 100k ohm
		(PP2664DA)			(PP2664DA)	R648	119-5611-15	1/10W 560 ohm
	119-1831-15	1/10W 18k ohm		119-8221-15	1/10W 8.2k ohm	R649	119-1031-15	1/10W 10k ohm
		(PP2664DB)	R471	119-9111-15	1/10W 910 ohm	R653	119-3321-15	1/10W 3.3k ohm
R405	119-3331-15	1/10W 33k ohm			(PP2664DA)	R654	119-1031-15	1/10W 10k ohm
R406	119-3331-15	1/10W 33k ohm		119-8221-15	1/10W 8.2k ohm	R655	119-1031-15	1/10W 10k ohm
R407	119-3331-15	1/10W 33k ohm			(PP2664DB)	R656	116-1221-15	1/4W 1.2k ohm
R408	119-3331-15	1/10W 33k ohm	R472	119-2221-15	1/10W 2.2k ohm	R657	116-1091-15	1/4W 1 ohm
R409	119-2731-15	1/10W 27k ohm	R516	119-4731-15	1/10W 47k ohm	R658	116-1531-15	1/4W 15k ohm
R410	119-1831-15	1/10W 18k ohm	R519	119-1021-15	1/10W 1k ohm	R659	116-3331-15	1/4W 33k ohm
R411	119-1831-15	1/10W 18k ohm	R520	119-2231-15	1/10W 22k ohm	R660	116-2721-15	1/4W 2.2k ohm
R412	119-2731-15	1/10W 27k ohm	R522	032-0140-51	1/10W 15k ohm F	R661	116-2721-15	1/4W 2.2k ohm
R413	119-1031-15	1/10W 10k ohm	R524	032-0140-51	1/10W 15k ohm F	R662	119-2201-15	1/10W 22 ohm
R414	119-1031-15	1/10W 10k ohm	R525	032-0140-50	1/10W 10k ohm F	R671	117-2211-15	1/8W 220 ohm
R415	119-4721-15	1/10W 4.7k ohm	R526	032-0140-50	1/10W 10k ohm F	R672	119-1041-15	1/10W 100k ohm
R416	119-4721-15	1/10W 4.7k ohm	R601	116-3311-15	1/4W 330 ohm	R673	119-4731-15	1/10W 47k ohm
R417	119-1831-15	1/10W 18k ohm	R603	114-1001-21	2W 10 ohm	R690	119-1031-15	1/10W 10k ohm
R418	119-1831-15	1/10W 18k ohm	R605	119-5131-15	1/10W 51k ohm	R691	119-1031-15	1/10W 10k ohm
R419	119-7521-15	1/10W 7.5k ohm			(PP2664DA)	R692	119-1031-15	1/10W 10k ohm
R420	119-7521-15	1/10W 7.5k ohm		119-4731-15	1/10W 47k ohm	R693	119-1031-15	1/10W 10k ohm
R421	119-4721-15	1/10W 4.7k ohm			(PP2664DB)	R703	119-3011-15	1/10W 300 ohm
R422	119-4721-15	1/10W 4.7k ohm	R606	119-5131-15	1/10W 51k ohm	R704	119-3011-15	1/10W 300 ohm
R423	119-1031-15	1/10W 10k ohm			(PP2664DA)	R705	119-1031-15	1/10W 10k ohm
R424	119-1031-15	1/10W 10k ohm		119-4731-15	1/10W 47k ohm	R708	119-3321-15	1/10W 3.3k ohm
R425	119-2221-15	1/10W 2.2k ohm			(PP2664DB)	R709	119-2231-15	1/10W 22k ohm
R428	119-2221-15	1/10W 2.2k ohm	R607	119-7521-15	1/10W 7.5k ohm	R710	119-4731-15	1/10W 47k ohm
R429	119-2221-15	1/10W 2.2k ohm			(PP2664DA)	R712	119-2231-15	1/10W 22k ohm
R432	119-2221-15	1/10W 2.2k ohm		119-8221-15	1/10W 8.2k ohm	R713	119-4731-15	1/10W 47k ohm
R433	119-3621-15	1/10W 3.6k ohm			(PP2664DB)	R715	119-1031-15	1/10W 10k ohm
		(PP2664DA)	R608	119-7521-15	1/10W 7.5k ohm	R716	119-5631-15	1/10W 56k ohm
	119-3921-15	1/10W 3.9k ohm			(PP2664DA)	R717	119-1031-15	1/10W 10k ohm
		(PP2664DB)		119-8221-15	1/10W 8.2k ohm	R718	119-1031-15	1/10W 10k ohm
R434	119-3621-15	1/10W 3.6k ohm			(PP2664DB)	R721	119-5631-15	1/10W 56k ohm
		(PP2664DA)	R609	032-0140-54	1/10W 22k ohm F	R722	119-5631-15	1/10W 56k ohm
	119-3921-15	1/10W 3.9k ohm	R610	032-0140-62	1/10W 1k ohm F	R728	119-5621-15	1/10W 5.6k ohm
		(PP2664DB)	R611	119-1031-15	1/10W 10k ohm	R730	119-5621-15	1/10W 5.6k ohm
R437	119-5611-15	1/10W 560 ohm	R612	119-1031-15	1/10W 10k ohm	R732	119-3011-15	1/10W 300 ohm
R438	119-5611-15	1/10W 560 ohm	R613	119-5131-15	1/10W 51k ohm	SUP101	060-0122-91	DSP-141N-S00B
R439	119-4731-15	1/10W 47k ohm	R614	119-5131-15	1/10W 51k ohm	SUP102	060-0122-91	DSP-141N-S00B
R440	119-4731-15	1/10W 47k ohm	R615	119-1021-15	1/10W 1k ohm	T601	009-0675-01	CHOKO
R441	119-4731-15	1/10W 47k ohm	R616	119-5131-15	1/10W 51k ohm	TH602	002-0229-90	PTH8L05B
R442	119-4731-15	1/10W 47k ohm	R617	119-5131-15	1/10W 51k ohm	VR101	012-5203-63	470k ohm
R443	119-5611-15	1/10W 560 ohm	R618	119-1031-15	1/10W 10k ohm	VR102	012-5203-56	10k ohm
R444	119-5611-15	1/10W 560 ohm	R619	119-1031-15	1/10W 10k ohm	X101	061-1066-80	7.2MHz
R445	119-3321-15	1/10W 3.3k ohm	R620	119-7521-15	1/10W 7.5k ohm	X201	060-1505-50	10MHz
R446	119-3321-15	1/10W 3.3k ohm			(PP2664DA)	PWB	039-2598-00	PWB(WITHOUT COMPONENT)
R449	119-3621-15	1/10W 3.6k ohm		119-8221-15	1/10W 8.2k ohm			
		(PP2664DA)			(PP2664DB)			
	119-2721-15	1/10W 2.7k ohm	R621	119-7521-15	1/10W 7.5k ohm			

PP-2664-A
PP-2664-B

CD PWB(B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-4735-56	0.047uF Z	IC3	052-5061-01	M30621MCM	R26	119-4721-15	1/10W 4.7k ohm
C2	168-4735-56	0.047uF Z			-4S5GP	R27	119-1031-15	1/10W 10k ohm
C4	168-1222-55	1200pF K	IC4	051-9402-78	BR93L56RFVM-W	R28	119-1041-15	1/10W 100k ohm
C5	163-2263-35	16V22uF	IC5	051-3332-90	NJU7222U33	R29	119-1041-15	1/10W 100k ohm
C6	168-1222-55	1200pF K	IC6	051-3293-90	BA033SFP-E2	R31	119-4731-15	1/10W 47k ohm
C12	168-1222-55	1200pF K	J1	074-1189-95	45P	R32	119-0000-05	1/10W 0 ohm JW
C15	168-1222-55	1200pF K	J3	074-1237-70	20P	R35	119-0000-05	1/10W 0 ohm JW
C16	163-2263-35	16V22uF	P1	076-0478-55	PLUG	R36	119-4731-15	1/10W 47k ohm
C18	168-1045-56	0.1uF Z	Q3	190-1162-00	2SA1162	R37	119-4731-15	1/10W 47k ohm
C19	166-1011-50	100pF CH	Q4	198-3018-00	2SK3018	R38	119-2231-15	1/10W 22k ohm
C21	168-1032-55	0.01uF K	Q5	131-1188-50	2SB1188PQR	R39	119-2231-15	1/10W 22k ohm
C22	168-1045-56	0.1uF Z	Q6	198-3018-00	2SK3018	R40	119-2231-15	1/10W 22k ohm
C23	168-1045-56	0.1uF Z	Q7	125-2004-92	RN1402	R41	119-4711-15	1/10W 470 ohm
C24	168-1032-55	0.01uF K	Q8	125-2004-92	RN1402	R42	119-2231-15	1/10W 22k ohm
C25	163-1073-15	6.3V100uF	Q9	125-0014-92	DTA114EK	R43	119-2241-15	1/10W 220k ohm
C26	178-1052-78	1uF	Q53	193-0601-00	2SD601A	R60	119-0000-05	1/10W 0 ohm JW
C27	168-1045-56	0.1uF Z	R2	119-2211-15	1/10W 220 ohm	R530	119-4731-15	1/10W 47k ohm
C28	042-0671-01	10V 47uF TA	R4	119-4731-15	1/10W 47k ohm	R550	119-4731-15	1/10W 47k ohm
C29	168-1045-56	0.1uF Z	R8	119-4731-15	1/10W 47k ohm	TM1	073-0768-90	TERMINAL
C30	178-3342-78	0.33uF	R10	119-2211-15	1/10W 220 ohm	TM2	073-0766-90	TERMINAL
C31	042-1673-00	10V 220uF	R13	119-1041-15	1/10W 100k ohm	TM4	073-0766-90	TERMINAL
CCT4	050-0140-55	1/32W 2.2k ohm x4J	R14	119-2221-15	1/10W 2.2k ohm	TM5	073-0766-90	TERMINAL
CCT5	050-0145-54	1/16W 47k ohm x4	R15	119-1041-15	1/10W 100k ohm	X1	060-1533-90	CSTCE10M0G52-R0
CCT6	050-0145-53	1/16W 220k ohm x4 J	R16	119-1021-15	1/10W 1k ohm	PWB	039-2532-20	PWB(WITHOUT COMPONENT)
D2	001-2610-90	RB480KTL	R20	119-4731-15	1/10W 47k ohm			
IC2	051-5445-08	BD5227G-TR	R24	119-4731-15	1/10W 47k ohm			
			R25	119-1031-15	1/10W 10k ohm			

DPS PWB(B3) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	042-0671-01	10V 47uF TA	C49	168-1045-56	0.1uF Z	J4	074-1189-95	45P
C2	168-4735-56	0.047uF Z	C50	168-1045-56	0.1uF Z	J5	074-1201-60	10P
C3	046-4722-58	4700pF	C51	168-1045-56	0.1uF Z	L2	010-3104-54	MPZ1608S601AT
C4	046-1032-78	0.01uF	C53	168-1045-56	0.1uF Z	L3	010-3104-54	MPZ1608S601AT
C5	168-1045-56	0.1uF Z	C54	042-0671-01	10V 47uF TA	Q1	131-1188-50	2SB1188PQR
C6	042-0671-01	10V 47uF TA	C56	168-4712-55	470pF K	Q2	131-1188-50	2SB1188PQR
C7	168-1045-56	0.1uF Z	C57	046-1032-78	0.01uF	Q3	125-2004-92	RN1402
C8	168-1045-56	0.1uF Z	C58	168-4712-55	470pF K	R1	033-1021-15	1/10W 1k ohm
C9	045-1007-50	10pF	C59	168-1045-56	0.1uF Z	R2	033-1021-15	1/10W 1k ohm
C10	168-1045-56	0.1uF Z	C60	168-1045-56	0.1uF Z	R3	033-3311-15	1/10W 330 ohm
C11	045-1007-50	10pF	C61	046-1032-78	0.01uF	R4	033-2211-15	1/10W 220 ohm
C12	168-1045-56	0.1uF Z	C62	042-0671-01	10V 47uF TA	R5	033-2211-15	1/10W 220 ohm
C13	042-0672-00	25V 47uF TA	C63	046-1032-78	0.01uF	R6	033-1021-15	1/10W 1k ohm
C14	168-4735-56	0.047uF Z	C64	168-1045-56	0.1uF Z	R7	033-1051-15	1/10W 1M ohm
C15	168-4735-56	0.047uF Z	C65	045-1201-50	12pF	R8	033-0000-05	1/10W 0 ohm
C16	168-4735-56	0.047uF Z	C66	046-1032-78	0.01uF	R10	033-5621-15	1/10W 5.6k ohm
C17	178-1052-78	1uF	C67	046-1032-78	0.01uF	R11	033-4731-15	1/10W 47k ohm
C18	045-4701-50	47pF	C68	168-1045-56	0.1uF Z	R12	119-3341-15	1/10W 330k ohm
C19	168-1045-56	0.1uF Z	C69	045-1201-50	12pF	R13	033-2231-15	1/10W 22k ohm
C20	046-4712-58	470pF	C101	046-1032-78	0.01uF	R14	033-2231-15	1/10W 22k ohm
C21	046-4712-58	470pF	C102	046-1032-78	0.01uF	R15	117-1001-15	1/8W 10 ohm
C22	168-1045-56	0.1uF Z	CCT1	050-0140-68	1/32W 3.3k ohm x4J	R16	033-5631-15	1/10W 56k ohm
C23	046-1532-78	0.015uF	CCT4	050-0140-63	1/32W 47k ohm x4J	R17	033-3331-15	1/10W 33k ohm
C24	168-1045-56	0.1uF Z	D1	001-0367-91	1SS226	R18	033-6831-15	1/10W 68k ohm
C25	046-6822-58	6800pF	D2	001-2610-90	RB480KTL	R19	033-6831-15	1/10W 68k ohm
C26	046-1032-78	0.01uF	IC2	051-6399-00	TC94A15F	R20	033-1011-15	1/10W 100 ohm
C28	046-1022-58	1000pF	IC3	051-6060-08	BD7961FM-E2	R21	116-4711-15	1/4W 470 ohm
C29	046-3332-78	0.033uF	IC4	051-7518-18	SN74LVC139APWR	R22	117-1811-15	1/8W 180 ohm
C32	046-4722-58	4700pF	IC5	052-5062-02	MBM29DL800BA-90PFTN	R23	116-4711-15	1/4W 470 ohm
C33	046-1522-58	1500pF				R24	033-2231-15	1/10W 22k ohm
C34	168-1045-56	0.1uF Z	IC6	051-7518-18	SN74LVC139APWR	R25	033-2231-15	1/10W 22k ohm
C35	046-1532-78	0.015uF	IC7	051-9330-00	K4S641632F-TC60	R26	033-2231-15	1/10W 22k ohm
C36	168-1045-56	0.1uF Z	IC8	051-7203-48	SN74LV74APW	R27	033-1011-15	1/10W 100 ohm
C37	168-1045-56	0.1uF Z	IC9	051-6700-00	TMS320DA140	R28	033-4731-15	1/10W 47k ohm
C38	042-0671-01	10V 47uF TA			PGE160	R29	033-2231-15	1/10W 22k ohm
C39	178-1052-78	1uF	IC10	051-3315-90	TPS76316DBVR	R30	033-4721-15	1/10W 4.7k ohm
C40	045-6801-50	68pF	IC11	051-7221-58	SN74AHC1G04	R31	033-4721-15	1/10W 4.7k ohm
C41	168-1045-56	0.1uF Z			HDCKR	R32	033-4731-15	1/10W 47k ohm
C42	178-1052-78	1uF	IC12	051-7525-08	SN74LVC2GU04	R33	033-4731-15	1/10W 47k ohm
C43	042-0671-01	10V 47uF TA			DCKR	R35	033-4731-15	1/10W 47k ohm
C44	046-6812-58	680pF	IC13	051-7526-08	SN74LVC1G126	R36	033-3311-15	1/10W 330 ohm
C45	168-1045-56	0.1uF Z			DCKR	R37	033-4731-15	1/10W 47k ohm
C46	168-1045-56	0.1uF Z	J1	074-1201-65	15P	R38	033-3311-15	1/10W 330 ohm
C47	042-0671-01	10V 47uF TA	J2	074-1138-56	6P	R39	033-2211-15	1/10W 220 ohm
C48	168-5632-78	16V 0.056uF	J3	074-1059-76	26P	R40	033-1011-15	1/10W 100 ohm

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R41	033-1001-15	1/10W 10 ohm	R63	033-2231-15	1/10W 22k ohm	R107	033-4731-15	1/10W 47k ohm
R42	033-1001-15	1/10W 10 ohm	R64	033-2231-15	1/10W 22k ohm	R200	033-1051-15	1/10W 1M ohm
R45	033-1011-15	1/10W 100 ohm	R65	033-4731-15	1/10W 47k ohm	R201	033-1021-15	1/10W 1k ohm
R46	033-4731-15	1/10W 47k ohm	R66	033-4731-15	1/10W 47k ohm	R202	033-1021-15	1/10W 1k ohm
R47	033-4731-15	1/10W 47k ohm	R100	033-1011-15	1/10W 100 ohm	R220	033-4731-15	1/10W 47k ohm
R48	033-1011-15	1/10W 100 ohm	R101	033-1011-15	1/10W 100 ohm	R301	119-2231-15	1/10W 22k ohm
R49	033-0000-05	1/10W 0 ohm	R102	033-1011-15	1/10W 100 ohm	R302	119-3911-15	1/10W 390 ohm
R50	033-0000-05	1/10W 0 ohm	R103	033-1011-15	1/10W 100 ohm	X1	061-3534-90	16.92MHz
R51	033-8231-15	1/10W 82k ohm	R104	033-1011-15	1/10W 100 ohm	PWB	039-2531-20	PWB(WITHOUT COMPONENT)
R52	033-0000-05	1/10W 0 ohm	R105	033-1011-15	1/10W 100 ohm			
R53	033-4731-15	1/10W 47k ohm	R106	033-1011-15	1/10W 100 ohm			

Sensor PWB(B4) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
PT3	060-0252-01	PT4850F	S1	013-7414-50	SPVG22
PT4	060-0252-01	PT4850F	PWB	039-1956-00	PWB(WITHOUT COMPONENT)
PT5	060-0252-01	PT4850F			
PT6	060-0252-01	PT4850F			

PIM-FPC(B5) section

REF No.	PART No.	DESCRIPTION
IC5	051-5806-02	GPIS95

Driver PWB(B6) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1045-56	0.1uF	J1	074-1239-76	26P	R3	032-0104-59	1/4W 2.2 ohm
C2	163-1073-35	16V100uF	J2	074-1100-59	9P	S1	013-7412-50	SPVG21
D1	001-0529-32	MA8056-M	R1	033-1021-15	1/10W 1k ohm	PWB	039-2242-00	PWB(WITHOUT COMPONENT)
IC1	051-6044-18	BA6920FP-Y	R2	032-0104-59	1/4W 2.2 ohm			

PIV-FPC(B7) section

REF No.	PART No.	DESCRIPTION
IC6	051-5806-01	GPIS93

LED-L-PWB(B8) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
LED3	001-7042-00	GL4800	PWB	039-1954-20	PWB(WITHOUT COMPONENT)
LED4	001-7042-00	GL4800			

LED-R-PWB(B9) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
LED5	001-7042-00	GL4800	PWB	039-1955-20	PWB(WITHOUT COMPONENT)
LED6	001-7042-00	GL4800			

L-Motor-FPC(B10) section

REF No.	PART No.	DESCRIPTION
M1	SMA-186-100	LOADING

M/S-FPC(B11) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
M2	SMA-185-101	SPINDLE	M3	SMA-191-100	SLED	S2	013-7414-50	SPVG22