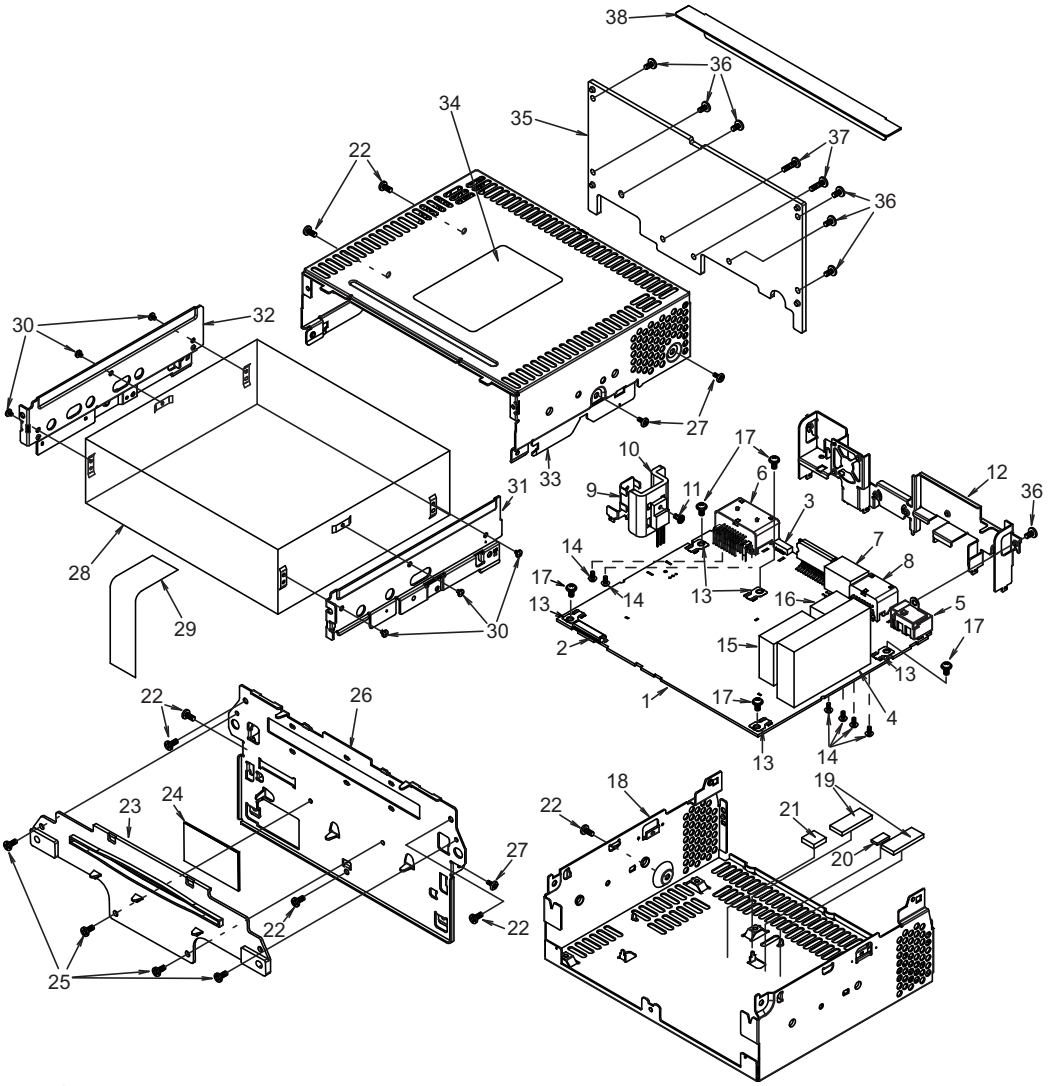
EXPLODED VIEW/PARTS LIST



Main section

*(No.19-21) PN-3060H-A/P-A is not used.

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	MAIN PWB	1
2	074-1237-69	OUTLET SOCKET	1
3	076-0478-59	PLUG	1
4	880-2026B	TUNER PACK	1
5	092-2210-00	ANT-RECEPT	1
6	074-4009-20	OUTLET SOCKET	1
7	074-1302-08	OUTLET SOCKET	1
8	074-1302-12	OUTLET SOCKET	1
9	331-3880-00	TR-HOLDER	1
10	313-1967-00	HEAT SINK	1
11	716-1646-50	IT SCREW(2.6x8)	1
12	307-0722-00	REAR PLATE	1
13	073-0762-90	TERMINAL	5
14	778-3006-00	TAP-SCREW(M3x5)	6
15	880-1761A	TUNER PACK	1
16	881-0003D	ANT-DIST BLOCK	1
17	716-0878-50	SCREW(M2.6x5)	5
18	311-1954-01	LOWER CASE	1
19	345-6278-00	RUBBER SHEET	1
20	345-6279-00	RUBBER SHEET	1

NO.	PART NO.	DESCRIPTION	Q'TY
21	345-6280-00	RUBBER SHEET	1
22	714-2606-8B	MACHINE SCREW(M2.6x6)	7
23	335-8240-00	DISC GUIDE	1
24	347-8469-00	SHIELD PART	1
25	716-3642-00	SCREW(M2.6x5)	4
26	309-0854-00	ES PLATE	4
27	716-3504-60	SCREW(M2.6x5)	3
28	929-0390-82	CD-CHANG-MODULE	1
29	816-4054-50	FLAT WIRE	1
30	716-3552-00	SCREW(M2.3x2.5)	6
31	331-4530-00	6CD BRKT(R)	1
32	331-4091-10	6CD BRKT(L)	1
33	310-1873-00	UPPER CASE	1
34	276-0429-01 276-0429-02 276-0429-03 276-0429-04 276-0429-05	SETPLATE(for PN3060HA) SETPLATE(for PP3060DA) SETPLATE(for PN3060PA) SETPLATE(for PP3060DB) SETPLATE(for PP3060PA)	1 1 1 1 1
35	313-1980-10	HEAT SINK	1
36	714-2608-8B	MACHINE SCREW(M2.6x8)	7
37	714-2612-89	MACHINE SCREW(M2.6x12)	2
38	347-8174-00	SHEED	1

Caution of assembling

When installing this unit into a vehicle, this unit side is equipped with an attachment bracket. In assembling the upper block(CD changer module) and the lower block(main unit) of the unit, please use the "Attachment jig". (P/No.PN-2813-MOB)

After assembling, please check the attachment position of

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-2210-00	ANTENNA RECEPT
BL101	881-0003D	ANT DIST BLOCK
BL102	880-2026B	AM/FM TUNER PACK
BL103	880-1761A	RDS TUNER PACK
C103	166-1511-50	150pF CH
C104	163-4763-35	16V 47uF
C128	166-2201-50	22pF CH
C130	168-2222-55	2200pF K
C134	166-1011-50	100pF CH
C136	166-1011-50	100pF CH
C137	168-1022-55	1000pF K
C138	168-1022-55	1000pF K
C142	168-1022-55	1000pF K
C143	163-1073-35	16V 100uF
C144	168-2222-55	2200pF K
C146	166-1011-50	100pF CH
C147	166-1011-50	100pF CH
C149	168-1022-55	1000pF K
C150	168-1022-55	1000pF K
C153	168-1022-55	1000pF K
C154	163-1073-35	16V 100uF
C163	168-2222-55	2200pF K
C170	168-4732-78	0.047uF K
C171	168-4732-78	0.047uF K
C172	163-1063-35	16V 10uF
C173	168-1022-55	1000pF K
C174	163-1063-35	16V 10uF
C175	168-4732-78	0.047uF K
C176	168-3322-55	3300pF K
C177	168-2232-55	0.022uF K
C178	168-2232-55	0.022uF K
C179	168-4732-78	0.047uF K
C180	168-4732-78	0.047uF K
C181	163-4763-35	16V 47uF
C182	178-1042-78	0.1uF
C183	166-5611-50	560pF CH
C184	168-1022-55	1000pF K
C185	168-1032-55	0.01uF K
C186	166-4701-50	47pF CH
C187	166-3311-50	330pF CH
C188	178-1042-78	0.1uF
C189	178-2255-79	2.2uF
C190	166-5601-50	56pF CH
C191	166-6801-50	68pF CH
C192	166-2711-50	270pF
C193	168-2232-55	0.022uF K
C194	166-1811-50	180pF CH
C195	166-2711-50	270pF
C196	166-1811-50	180pF CH
C197	166-6801-50	68pF CH
C198	166-2201-50	22pF CH
C200	043-0548-50	10V 2.2uF
C201	043-0548-50	10V 2.2uF
C205	043-0548-50	10V 2.2uF
C206	043-0548-50	10V 2.2uF
C223	163-4763-35	16V 47uF
C225	168-1042-78	16V 0.1uF
C226	168-1042-78	16V 0.1uF
C228	163-2273-25	10V 220uF
C230	168-1042-78	16V 0.1uF
C231	163-1063-35	16V 10uF
C232	163-1063-35	16V 10uF
C233	168-1042-78	16V 0.1uF
C250	168-1022-55	1000pF K
C251	168-1022-55	1000pF K
C252	168-1022-55	1000pF K
C253	168-1022-55	1000pF K
C264	166-2201-50	22pF CH
C265	166-2201-50	22pF CH
C266	043-0548-50	10V 2.2uF
C267	043-0548-50	10V 2.2uF
C268	166-2201-50	22pF CH
C269	166-2201-50	22pF CH
C270	178-4732-78	0.047uF
C271	178-4732-78	0.047uF
C272	178-4732-78	0.047uF
C273	178-4732-78	0.047uF
C274	168-8222-55	8200pF K
C275	168-8222-55	8200pF K
C276	168-8222-55	8200pF K
C277	168-8222-55	8200pF K
C278	166-2201-50	22pF CH
C279	166-2201-50	22pF CH
C280	043-0548-50	10V 2.2uF
C281	043-0548-50	10V 2.2uF
C282	043-0548-50	10V 2.2uF
C283	043-0548-50	10V 2.2uF
C301	168-2222-55	2200pF K
C302	168-2222-55	2200pF K
C303	168-2222-55	2200pF K
C304	168-2222-55	2200pF K
C306	168-1042-78	16V 0.1uF
C307	168-1022-55	1000pF K
C308	168-2222-55	2200pF K
C311	168-1022-55	1000pF K
C312	168-1022-55	1000pF K
C313	168-1042-78	16V 0.1uF
C314	168-1042-78	16V 0.1uF
C315	168-1042-78	16V 0.1uF
C316	166-8097-50	8pF C CH
C317	168-1042-78	16V 0.1uF
C318	168-4712-55	470pF K
C319	166-8097-50	8pF C CH
C320	166-1811-50	180pF CH
C321	168-1022-55	1000pF K
C323	168-1022-55	1000pF K
C325	168-1022-55	1000pF K
C326	168-3322-55	3300pF K
C327	168-1042-78	16V 0.1uF
C328	168-3322-55	3300pF K
C329	168-1022-55	1000pF K
C330	168-1022-55	1000pF K
C331	163-4753-65	50V 4.7uF
C332	168-1042-78	16V 0.1uF
C333	168-1022-55	1000pF K
C334	166-1011-50	100pF CH
C336	168-3322-55	3300pF K
C337	168-1022-55	1000pF K
C338	168-3322-55	3300pF K
C340	042-0643-52	6.3V 1000uF
C342	168-1022-55	1000pF K
C343	168-1042-78	16V 0.1uF
C344	163-4753-65	50V 4.7uF
C345	168-1042-78	16V 0.1uF
C346	163-4753-65	50V 4.7uF
C347	168-3332-78	0.033uF K
C348	178-1052-78	1uF
C349	168-1042-78	16V 0.1uF
C350	163-2273-25	10V 220uF
C351	168-4732-78	0.047uF K
C352	163-2263-35	16V 22uF
C354	166-1011-50	100pF CH
C355	163-3373-15	6.3V 330uF
C356	163-2263-35	16V 22uF
C357	168-1042-78	16V 0.1uF
C358	168-1042-78	16V 0.1uF
C359	163-3373-15	6.3V 330uF
C360	168-1022-55	1000pF K
C361	163-1063-35	16V 10uF
C362	168-1042-78	16V 0.1uF
C401	168-1042-78	16V 0.1uF
C402	168-1042-78	16V 0.1uF
C403	166-2201-50	22pF CH
C404	166-1201-50	12pF CH
C405	166-2201-50	22pF CH
C406	166-1201-50	12pF CH
C407	168-1042-78	16V 0.1uF
C408	163-4763-15	6.3V 47uF
C409	168-1042-78	16V 0.1uF
C410	168-4722-55	4700pF K
C411	168-1042-78	16V 0.1uF
C412	168-1032-55	0.01uF K
C417	166-1511-50	150pF CH
C501	168-1042-78	16V 0.1uF
C502	168-1042-78	16V 0.1uF
C503	168-1042-78	16V 0.1uF
C504	168-1042-78	16V 0.1uF
C505	166-5611-50	560pF CH
C506	166-5611-50	560pF CH
C507	166-5611-50	560pF CH
C508	166-5611-50	560pF CH
C509	166-2201-50	22pF CH
C510	166-2201-50	22pF CH
C511	168-1042-78	16V 0.1uF
C513	166-2201-50	22pF CH
C514	166-2201-50	22pF CH
C516	166-5611-50	560pF CH
C517	166-5611-50	560pF CH
C518	043-0554-90	25V 10uF
C519	166-5611-50	560pF CH
C520	166-5611-50	560pF CH
C522	163-1063-35	16V 10uF
C525	043-0554-90	25V 10uF
C526	043-0328-90	0.1uF
C528	168-1022-55	1000pF K
C529	168-5622-55	5600pF K
C531	168-6822-55	6800pF K
C533	168-5632-78	16V 0.056uF
C534	168-5632-78	16V 0.056uF
C535	168-5632-78	16V 0.056uF
C536	168-5632-78	16V 0.056uF
C537	178-1052-78	1uF
C540	042-0579-51	16V 10uF
C542	166-2201-50	22pF CH
C543	166-2201-50	22pF CH
C544	166-2201-50	22pF CH
C545	166-2201-50	22pF CH
C546	168-1042-78	16V 0.1uF
C547	178-1052-78	1uF
C548	163-4763-35	16V 47uF
C549	163-2273-25	10V 220uF

REF No.	PART No.	DESCRIPTION
C550	168-2212-55	220pF K
C551	166-2201-50	22pF CH
C552	042-0592-61	16V 47uF
C553	042-0592-61	16V 47uF
C556	043-0499-51	0.1uF
C557	163-4763-35	16V 47uF
C559	168-6822-55	6800pF K
C560	168-6822-55	6800pF K
C561	168-6822-55	6800pF K
C562	168-6822-55	6800pF K
C563	168-6822-55	6800pF K
C564	042-0427-94	16V 47uF TAN
C565	168-6822-55	6800pF K
C566	168-6822-55	6800pF K
C567	168-1042-78	16V 0.1uF
C568	168-6822-55	6800pF K
C569	168-6822-55	6800pF K
C570	168-1042-78	16V 0.1uF
C571	042-0627-90	16V 100uF
C572	178-1052-78	1uF
C574	163-1063-35	16V 10uF
C575	168-2232-55	0.022uF K
C577	166-4701-50	47pF CH
C578	163-4763-35	16V 47uF
C579	168-1042-78	16V 0.1uF
C580	178-2242-78	0.22uF
C581	178-2242-78	0.22uF
C582	163-1073-35	16V 100uF
C583	166-5611-50	560pF CH
C584	163-1063-35	16V 10uF
C585	166-4701-50	47pF CH
CCT403	050-0145-52	1/16W 1k ohm x4
CCT404	050-0145-52	1/16W 1k ohm x4
D170	001-0367-91	1SS226
D202	001-0516-90	MA111
D216	001-9210-50	AVR-M1608C270MTAAD
D217	001-9210-50	AVR-M1608C270MTAAD
D218	001-9210-50	AVR-M1608C270MTAAD
D219	001-9210-50	AVR-M1608C270MTAAD
502	001-2624-90	RB501V-40
D504	001-2627-90	SSA24
D506	001-0529-47	MA8091-M
508	001-0529-47	MA8091-M
D511	001-0516-90	MA111
D512	001-0529-48	MA8091-H
D513	001-2403-90	M1F60
D514	001-0516-90	MA111
D515	001-0529-34	MA8062-L
D517	001-2403-90	M1F60
D530	001-0516-90	MA111
D567	001-0516-90	MA111
D568	001-0516-90	MA111
IC170	051-3034-90	NJM4558V
IC171	051-4607-90	SAA6581T
IC206	051-3034-90	NJM4558V
IC301	----------	SAF7730HV/N317F
IC401	051-9424-90	BR24L16FVM-WTR
IC402	052-3213-91	M30879FLAGP
IC403	051-6607-08	PCA82C250T-T
IC404	051-5420-08	S-80943CNMC-G9D
IC501	051-3019-90	NJM2060V
IC502	051-3372-90	LT1767EMS8E#TRPBF
IC505	051-3034-90	NJM4558V
IC506	051-5441-08	BD4828G-TR
IC1203	051-3367-90	NJU7780U1-33-TE2
IC1507	051-3341-90	BD3931FP
IC1510	051-3341-90	BD3931FP
J201	074-1302-12	12P
J202	074-1237-69	19PIN

REF No.	PART No.	DESCRIPTION
J250	074-1302-08	SOCKET(TH08)
J502	074-4009-20	SOCKET(20P)
L170	010-2174-86	1mH
L171	010-3103-68	2.5k ohm/100MHz
L172	010-2174-66	22uH
L190	010-3105-70	240ohm/100MHz
L191	010-3103-68	2.5k ohm/100MHz
L203	119-0000-05	1/10W 0 ohm JW
L208	119-0000-05	1/10W 0 ohm JW
L209	119-0000-05	1/10W 0 ohm JW
L210	119-0000-05	1/10W 0 ohm JW
L301	010-3104-54	600 ohm/100MHz
L302	010-3104-54	600 ohm/100MHz
L303	010-3104-54	600 ohm/100MHz
L304	010-3104-54	600 ohm/100MHz
L305	010-3104-54	600 ohm/100MHz
L306	010-3104-54	600 ohm/100MHz
L307	010-3104-54	600 ohm/100MHz
L308	010-3104-54	600 ohm/100MHz
L309	010-3104-54	600 ohm/100MHz
L310	010-3104-54	600 ohm/100MHz
L311	010-3104-54	600 ohm/100MHz
L312	010-3104-54	600 ohm/100MHz
L313	010-3104-54	600 ohm/100MHz
L401	010-3601-50	600 ohm/100MHz
L402	010-3406-54	2.2uH J
L403	010-3104-54	600 ohm/100MHz
L501	010-3104-54	600 ohm/100MHz
L503	010-3104-54	600 ohm/100MHz
L504	010-3074-51	5.4uH
L505	010-3104-54	600 ohm/100MHz
L506	010-3104-54	600 ohm/100MHz
P401	076-0478-59	9P
Q170	125-2004-92	RN1402
Q201	192-4116-00	2SC4116
Q203	125-2026-91	UN5211
Q204	125-0020-96	UN5110-Q,R,S
Q205	125-0020-91	UN5111
Q206	198-3018-00	2SK3018
Q207	198-3018-00	2SK3018
Q208	125-2026-91	UN5211
Q211	125-2026-91	UN5211
Q221	125-2026-91	UN5211
Q222	125-9017-92	UMD3N-TR
Q301	125-2026-91	UN5211
Q302	125-2026-91	UN5211
Q304	125-2026-91	UN5211
Q305	125-2026-91	UN5211
Q306	125-2026-91	UN5211
Q307	125-2026-91	UN5211
Q308	125-2026-91	UN5211
Q309	125-2026-91	UN5211
Q310	125-2026-91	UN5211
Q312	125-2026-91	UN5211
Q506	131-1188-00	2SB1188
Q507	125-2026-95	UN521N
Q508	192-4116-00	2SC4116
Q512	125-2026-91	UN5211
Q516	192-4116-51	2SC4116 G,L
Q517	191-1204-61	2SB1204 R,S,T
Q518	125-2026-91	UN5211
Q519	190-1298-00	2SA1298
Q520	192-4116-00	2SC4116
Q1311	125-7007-90	Si5441BDC-TI-E3
Q1504	192-5886-00	2SC5886
Q1515	193-1664-00	2SD1664
R102	119-0000-05	1/10W 0 ohm JW
R103	119-0000-05	1/10W 0 ohm JW
R106	117-0000-05	1/8W 0 ohm JW
R107	119-0000-05	1/10W 0 ohm JW
R108	119-0000-05	1/10W 0 ohm JW
R112	116-8291-15	1/4W 8.2 ohm
R137	119-1041-15	1/10W 100k ohm

REF No.	PART No.	DESCRIPTION
R138	119-1011-15	1/10W 100 ohm
R139	119-1011-15	1/10W 100 ohm
R140	119-1011-15	1/10W 100 ohm
R141	119-1011-15	1/10W 100 ohm
R142	119-1011-15	1/10W 100 ohm
R151	119-1011-15	1/10W 100 ohm
R153	119-1011-15	1/10W 100 ohm
R154	119-1011-15	1/10W 100 ohm
R155	119-1011-15	1/10W 100 ohm
R156	119-1011-15	1/10W 100 ohm
R157	116-1091-15	1/4W 1 ohm
R162	119-0000-05	1/10W 0 ohm JW
R163	119-0000-05	1/10W 0 ohm JW
R164	119-0000-05	1/10W 0 ohm JW
R165	119-0000-05	1/10W 0 ohm JW
R170	119-6831-15	1/10W 68k ohm
R171	119-4791-15	1/10W 4.7 ohm
R172	119-0000-05	1/10W 0 ohm JW
R173	119-0000-05	1/10W 0 ohm JW
R174	119-1011-15	1/10W 100 ohm
R175	119-1821-15	1/10W 1.8k ohm
R176	119-1031-15	1/10W 10k ohm
R177	119-4731-15	1/10W 47k ohm
R178	119-1231-15	1/10W 12k ohm
R179	119-1041-15	1/10W 100k ohm
R180	119-2211-15	1/10W 220 ohm
R181	119-1021-15	1/10W 1k ohm
R182	119-1021-15	1/10W 1k ohm
R2013	032-0148-56	1/16W 68k ohm
R2014	032-0148-56	1/16W 68k ohm
R2015	032-0148-56	1/16W 68k ohm
R2016	032-0148-56	1/16W 68k ohm
R2017	032-0148-51	1/10W 47k ohm
R2018	032-0148-51	1/10W 47k ohm
R2019	032-0148-51	1/10W 47k ohm
R202	119-0000-05	1/10W 0 ohm JW
R2020	032-0148-51	1/10W 47k ohm
R203	119-0000-05	1/10W 0 ohm JW
R204	119-0000-05	1/10W 0 ohm JW
R205	119-0000-05	1/10W 0 ohm JW
R206	119-0000-05	1/10W 0 ohm JW
R207	119-2721-15	1/10W 2.7k ohm
R208	119-1021-15	1/10W 1k ohm
R210	119-1021-15	1/10W 1k ohm
R211	119-0000-05	1/10W 0 ohm JW
R212	119-3331-15	1/10W 33k ohm
R215	119-4731-15	1/10W 47k ohm
R220	119-1041-15	1/10W 100k ohm
R224	119-3331-15	1/10W 33k ohm
R225	119-0000-05	1/10W 0 ohm JW
R227	119-4731-15	1/10W 47k ohm
R229	119-3331-15	1/10W 33k ohm
R233	119-4731-15	1/10W 47k ohm
R249	032-0140-98	1/10W 330 ohm F
R250	119-1131-15	1/10W 11k ohm
R251	032-0140-93	1/10W 2k ohm F
R252	119-1131-15	1/10W 11k ohm
R254	119-4721-15	1/10W 4.7k ohm
R258	119-4731-15	1/10W 47k ohm
R261	119-4731-15	1/10W 47k ohm
R270	119-3011-15	1/10W 300 ohm
R271	119-3011-15	1/10W 300 ohm
R272	032-0140-80	1/10W 18k ohm F
R273	032-0140-80	1/10W 18k ohm F
R274	032-0140-80	1/10W 18k ohm F
R275	032-0140-80	1/10W 18k ohm F
R280	032-0140-52	1/10W 33k ohm F
R281	032-0140-52	1/10W 33k ohm F
R282	032-0140-89	1/10W 47k ohm F
R283	032-0140-89	1/10W 47k ohm F
R284	032-0140-89	1/10W 47k ohm F
R285	032-0140-89	1/10W 47k ohm F
R301	119-1021-15	1/10W 1k ohm

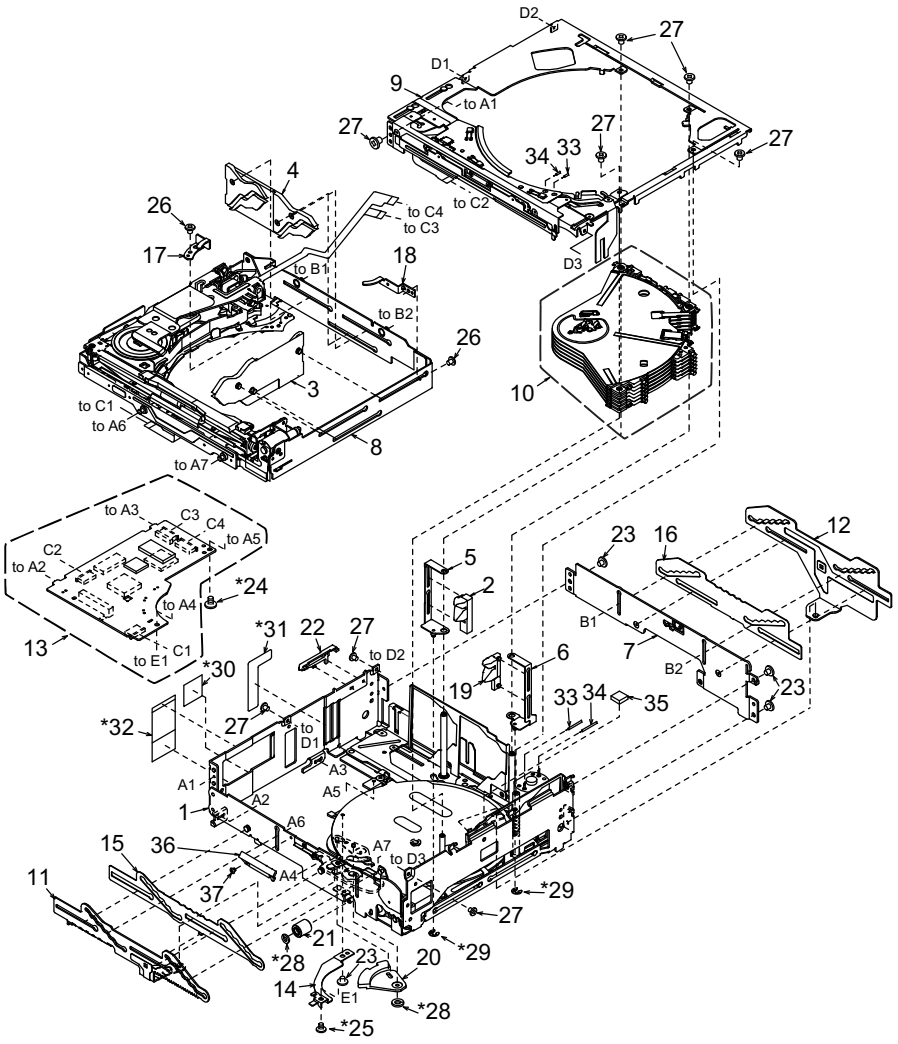
REF No.	PART No.	DESCRIPTION
R302	119-3921-15	1/10W 3.9k ohm
R303	119-3921-15	1/10W 3.9k ohm
R304	010-3104-54	600 ohm/100MHz
R305	119-3921-15	1/10W 3.9k ohm
R306	119-3921-15	1/10W 3.9k ohm
R307	119-1021-15	1/10W 1k ohm
R308	119-1021-15	1/10W 1k ohm
R309	119-1021-15	1/10W 1k ohm
R310	119-1031-15	1/10W 10k ohm
R311	119-1031-15	1/10W 10k ohm
R312	119-0000-05	1/10W 0 ohm JW
R313	119-0000-05	1/10W 0 ohm JW
R314	119-1021-15	1/10W 1k ohm
R315	119-4731-15	1/10W 47k ohm
R316	119-4731-15	1/10W 47k ohm
R317	119-4731-15	1/10W 47k ohm
R318	010-3104-54	600 ohm/100MHz
R319	119-1031-15	1/10W 10k ohm
R320	119-4731-15	1/10W 47k ohm
R321	119-4731-15	1/10W 47k ohm
R322	119-4731-15	1/10W 47k ohm
R323	119-4731-15	1/10W 47k ohm
R325	119-1031-15	1/10W 10k ohm
R326	119-0000-05	1/10W 0 ohm JW
R327	119-4731-15	1/10W 47k ohm
R328	119-1011-15	1/10W 100 ohm
R329	119-1021-15	1/10W 1k ohm
R330	119-0000-05	1/10W 0 ohm JW
R331	119-1021-15	1/10W 1k ohm
R332	119-1001-15	1/10W 10 ohm
R333	119-2201-15	1/10W 22 ohm
R334	119-1011-15	1/10W 100 ohm
R335	119-1011-15	1/10W 100 ohm
R336	119-0000-05	1/10W 0 ohm JW
R337	119-0000-05	1/10W 0 ohm JW
R338	119-0000-05	1/10W 0 ohm JW
R339	119-0000-05	1/10W 0 ohm JW
R340	032-0140-63	1/10W 27k ohm F
R341	032-0140-63	1/10W 27k ohm F
R342	032-0140-63	1/10W 27k ohm F
R343	032-0140-63	1/10W 27k ohm F
R344	119-4731-15	1/10W 47k ohm
R345	119-4731-15	1/10W 47k ohm
R346	119-0000-05	1/10W 0 ohm JW
R347	119-0000-05	1/10W 0 ohm JW
R348	032-0140-50	1/10W 10k ohm F
R349	032-0140-50	1/10W 10k ohm F
R350	032-0140-50	1/10W 10k ohm F
R351	032-0140-50	1/10W 10k ohm F
R352	119-1041-15	1/10W 100k ohm
R353	119-1041-15	1/10W 100k ohm
R354	119-1041-15	1/10W 100k ohm
R355	119-1041-15	1/10W 100k ohm
R356	119-0000-05	1/10W 0 ohm JW
R357	119-0000-05	1/10W 0 ohm JW
R358	119-0000-05	1/10W 0 ohm JW
R359	119-5131-15	1/10W 51k ohm
R360	119-1001-15	1/10W 10 ohm
R361	119-5131-15	1/10W 51k ohm
R366	119-0000-05	1/10W 0 ohm JW
R367	119-0000-05	1/10W 0 ohm JW
R368	119-0000-05	1/10W 0 ohm JW
R369	119-0000-05	1/10W 0 ohm JW
R370	119-1031-15	1/10W 10k ohm
R372	119-0000-05	1/10W 0 ohm JW
R373	119-0000-05	1/10W 0 ohm JW
R401	119-1021-15	1/10W 1k ohm

REF No.	PART No.	DESCRIPTION
R402	119-1021-15	1/10W 1k ohm
R403	119-1021-15	1/10W 1k ohm
R404	119-0000-05	1/10W 0 ohm JW
R405	119-1021-15	1/10W 1k ohm
R406	119-1021-15	1/10W 1k ohm
R407	119-1021-15	1/10W 1k ohm
R408	119-4721-15	1/10W 4.7k ohm
R409	119-4721-15	1/10W 4.7k ohm
R410	119-1021-15	1/10W 1k ohm
R411	119-4711-15	1/10W 470 ohm
R412	119-4711-15	1/10W 470 ohm
R414	119-4721-15	1/10W 4.7k ohm
R415	119-4721-15	1/10W 4.7k ohm
R416	119-4731-15	1/10W 47k ohm
R417	119-4731-15	1/10W 47k ohm
R420	119-1511-15	1/10W 150 ohm
R421	119-1041-15	1/10W 100k ohm
R422	119-1011-15	1/10W 100 ohm
R423	119-1011-15	1/10W 100 ohm
R424	119-1011-15	1/10W 100 ohm
R425	119-1011-15	1/10W 100 ohm
R426	119-1011-15	1/10W 100 ohm
R427	119-1011-15	1/10W 100 ohm
R428	119-1031-15	1/10W 10k ohm
R429	119-1031-15	1/10W 10k ohm
R433	119-1031-15	1/10W 10k ohm
R436	119-1021-15	1/10W 1k ohm
R437	119-1021-15	1/10W 1k ohm
R440	119-4731-15	1/10W 47k ohm
R441	119-1021-15	1/10W 1k ohm
R442	119-1031-15	1/10W 10k ohm
R443	119-4731-15	1/10W 47k ohm
R445	119-0000-05	1/10W 0 ohm JW
R446	119-4731-15	1/10W 47k ohm
R447	119-1031-15	1/10W 10k ohm
R448	119-4731-15	1/10W 47k ohm
R449	119-1021-15	1/10W 1k ohm
R450	119-1021-15	1/10W 1k ohm
R451	119-4731-15	1/10W 47k ohm
R452	119-4731-15	1/10W 47k ohm
R453	119-4731-15	1/10W 47k ohm
R454	119-4731-15	1/10W 47k ohm
R455	119-2231-15	1/10W 22k ohm
R456	119-4731-15	1/10W 47k ohm
R458	119-1011-15	1/10W 100 ohm
R459	119-1011-15	1/10W 100 ohm
R460	119-4721-15	1/10W 4.7k ohm
R461	119-4721-15	1/10W 4.7k ohm
R462	119-1021-15	1/10W 1k ohm
R463	119-1021-15	1/10W 1k ohm
R464	119-1011-15	1/10W 100 ohm
R465	119-1011-15	1/10W 100 ohm
R466	119-4721-15	1/10W 4.7k ohm
R467	119-4721-15	1/10W 4.7k ohm
R478	116-6201-15	1/4W 62 ohm
R479	116-6201-15	1/4W 62 ohm
R481	119-0000-05	1/10W 0 ohm JW
R502	119-1031-15	1/10W 10k ohm
R503	119-1031-15	1/10W 10k ohm
R504	119-1031-15	1/10W 10k ohm
R505	119-1031-15	1/10W 10k ohm
R507	119-1031-15	1/10W 10k ohm
R508	119-1031-15	1/10W 10k ohm
R509	119-1031-15	1/10W 10k ohm
R510	119-1031-15	1/10W 10k ohm
R512	119-1031-15	1/10W 10k ohm
R513	119-1031-15	1/10W 10k ohm

REF No.	PART No.	DESCRIPTION
R514	119-1051-15	1/10W 1M ohm
R515	119-1051-15	1/10W 1M ohm
R517	119-1051-15	1/10W 1M ohm
R518	119-1051-15	1/10W 1M ohm
R519	119-1031-15	1/10W 10k ohm
R520	119-1031-15	1/10W 10k ohm
R521	119-1031-15	1/10W 10k ohm
R522	119-1031-15	1/10W 10k ohm
R524	119-1031-15	1/10W 10k ohm
R525	119-1031-15	1/10W 10k ohm
R527	116-1221-15	1/4W 1.2k ohm
R528	119-0000-05	1/10W 0 ohm JW
R530	032-0140-50	1/10W 10k ohm F
R531	032-0140-80	1/10W 18k ohm F
R532	116-1091-15	1/4W 1 ohm
R533	116-1221-15	1/4W 1.2k ohm
R534	119-1031-15	1/10W 10k ohm
R535	119-1031-15	1/10W 10k ohm
R536	119-1021-15	1/10W 1k ohm
R537	119-4721-15	1/10W 4.7k ohm
R538	119-2221-15	1/10W 2.2k ohm
R539	119-1041-15	1/10W 100k ohm
R543	119-0000-05	1/10W 0 ohm JW
R544	119-0000-05	1/10W 0 ohm JW
R545	119-0000-05	1/10W 0 ohm JW
R546	119-0000-05	1/10W 0 ohm JW
R553	119-1031-15	1/10W 10k ohm
R554	119-1031-15	1/10W 10k ohm
R557	119-4721-15	1/10W 4.7k ohm
R563	116-3311-15	1/4W 330 ohm
R564	116-1221-15	1/4W 1.2k ohm
R565	116-1221-15	1/4W 1.2k ohm
R566	119-1521-15	1/10W 1.5k ohm
R567	119-4721-15	1/10W 4.7k ohm
R568	116-1221-15	1/4W 1.2k ohm
R569	116-1221-15	1/4W 1.2k ohm
R570	119-1031-15	1/10W 10k ohm
R571	119-4721-15	1/10W 4.7k ohm
R572	119-1031-15	1/10W 10k ohm
R573	032-0148-50	1/10W 100k ohm
R574	032-0140-16	1/10W 180k ohm F
R575	116-2721-15	1/4W 2.7k ohm
R576	116-1531-15	1/4W 15k ohm
R579	116-2721-15	1/4W 2.7k ohm
R581	119-1031-15	1/10W 10k ohm
R582	119-5611-15	1/10W 560 ohm
R583	116-4791-15	1/4W 4.7 ohm
R584	116-4791-15	1/4W 4.7 ohm
R586	119-0000-05	1/10W 0 ohm JW
R594	119-1051-15	1/10W 1M ohm
R595	119-0000-05	1/10W 0 ohm JW
R597	119-0000-05	1/10W 0 ohm JW
SUP101	060-0122-91	DSP-141N-S00B
SUP102	060-0122-91	DSP-141N-S00B
TH502	002-0229-90	PTH8L05B
TM101	073-0762-90	TERMINAL
TM102	073-0762-90	TERMINAL
TM201	073-0762-90	TERMINAL
TM501	073-0762-90	TERMINAL
TM502	073-0762-90	TERMINAL
X170	061-3013-00	CRYSTAL 4.33MHz
X301	061-3537-90	CRYSTAL 41.6MHz
X401	061-3541-90	CRYSTAL 10MHz
PWB	039-3247-00	PWB(WITHOUT COMPONENTS)

EXPLODED VIEW/PARTS LIST

Main section

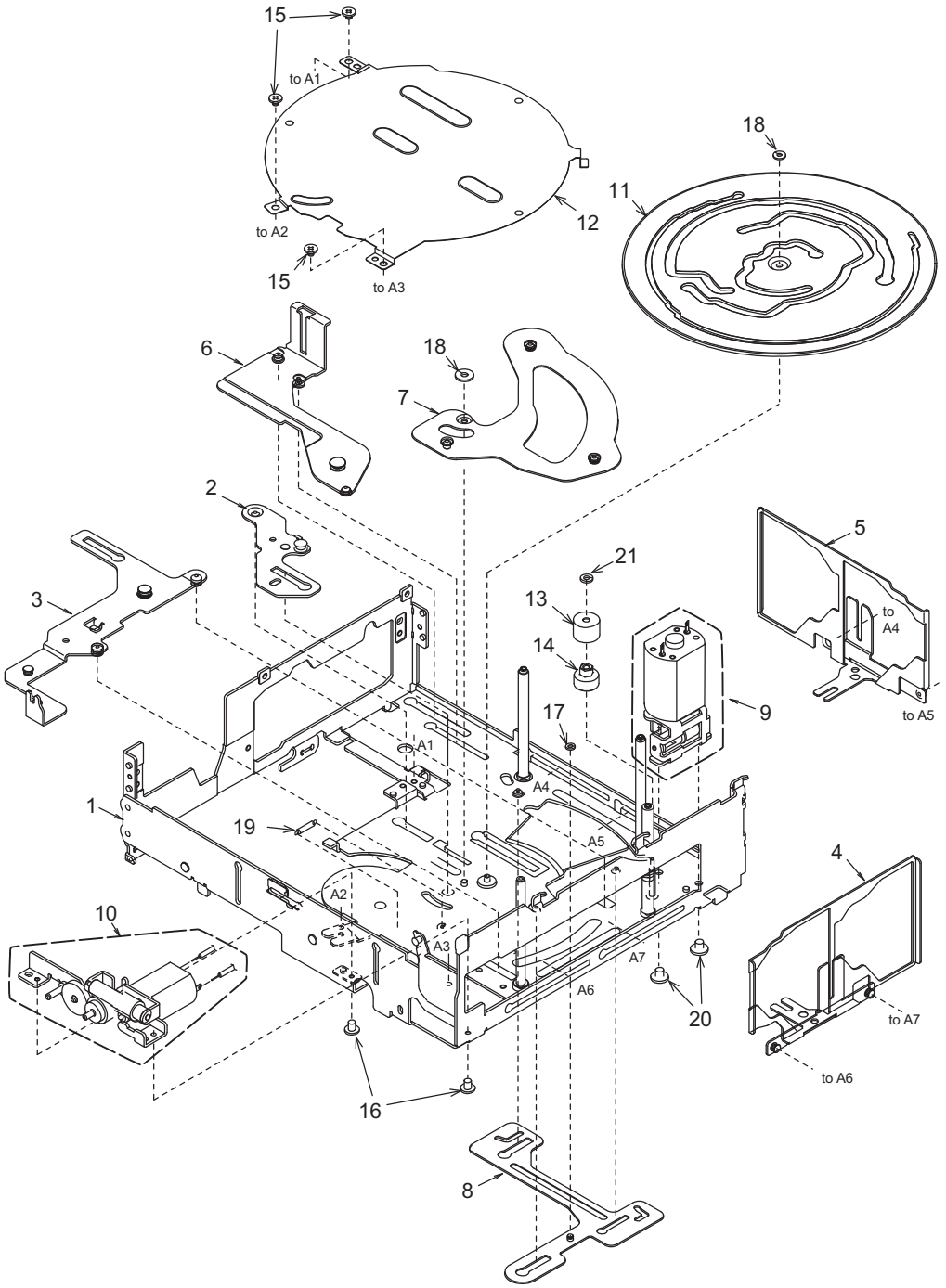


* Do not reuse the following parts.
(No.24,25,28,29,30,31,32)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-610-100	LOWER UNIT ASSY	1
2	966-0667-21	DISC STP-ASSY L	1
3	HBS-584-100	DH-SEL-ASSY S	1
4	HBS-583-100	DH-SEL-ASSY R	1
5	966-0670-22	DS-SP-ASSY L	1
6	966-0671-23	DS-SP-ASSY R	1
7	966-0672-21	REAR-P-ASSY	1
8	966-1871-21	N-DRIVE-CH UNIT	1
9	966-1764-23	UPPRR UNIT ASSY	1
10	HBS-566-300	DISCHOLDER UNIT	1
11	966-1771-21	SLIDE-P-ASSY F	1
12	966-0709-21	SLIDE-P-ASSY R	1
13	HBS-605-100	CD-PWB-ASSY	1
14	620-1640-20	SW-H-PLATE	1
15	620-1778-21	GAP PLATE F	1
16	620-1662-21	GAP PLATE R	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1634-23	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1636-24	SW LINK	1
21	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	716-1850-01	SCREW (M2.0x2.0)	4
24	716-3629-00	SCREW (M2.0x2.5)	1
25	716-1851-03	SCREW (M2.0x3.0)	1
26	716-3450-00	SCREW (M1.7x2.0)	2
27	716-3451-01	SCREW (M1.7x2.5)	8
28	746-0761-00	WASHER	2
29	744-0045-01	C-RING	2
30	347-7271-00	FPC SHEET	1
31	347-7275-00	PROTECT SHEET	1
32	347-7276-00	FPC-SHEET C	1
33	800-4921-60	VINYL-COAT WIRE	1
34	802-4921-60	VINYL-COAT WIRE	1
35	345-5824-00	RUBBER PART	1
36	621-1763-20	LOADING GUIDE B	1
37	716-1859-01	SCREW (M1.7x2.0)	1

Lower unit assy section



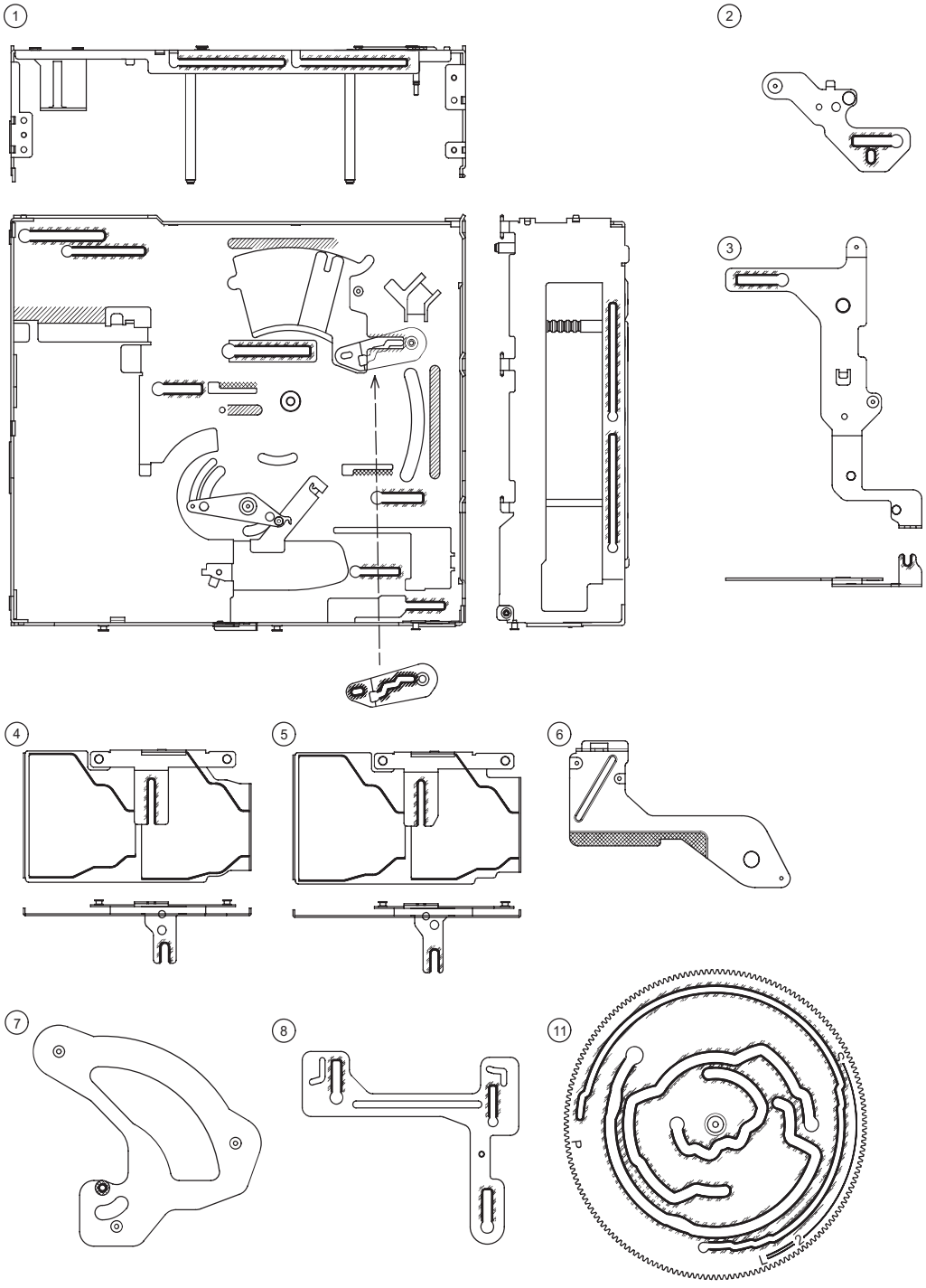
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1869-00	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY A	1
3	966-1758-20	DS-SP-ASSY A	1
4	966-1808-20	DH-SP-ASSY S	1
5	966-1809-20	DH-SP-ASSY R	1
6	966-0677-24	D-SHT PL-B-ASSY	1
7	966-0659-22	DH-SP-ASSY B	1
8	966-0666-22	DS-SP-ASSY B	1
9	HBS-546-100	M-MTR SUB ASSY	1
10	HBS-568-200	UD-MOTOR-ASSY	1
11	620-1623-24	CAM GEAR	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	620-1624-24	GEAR COVER	1
13	621-0732-21	M-GEAR B	1
14	621-0733-20	M-GEAR C	1
15	716-1850-01	SCREW(M2.0x2.0)	3
16	716-3451-01	SCREW(M1.7x2.5)	2
17	746-0761-00	WASHER	1
18	746-0768-00	WASHER	2
19	750-6756-20	SW-L-SPRING	1
20	716-1851-03	SCREW(M2.0x3.0)	2
21	746-0941-00	WASHER	1

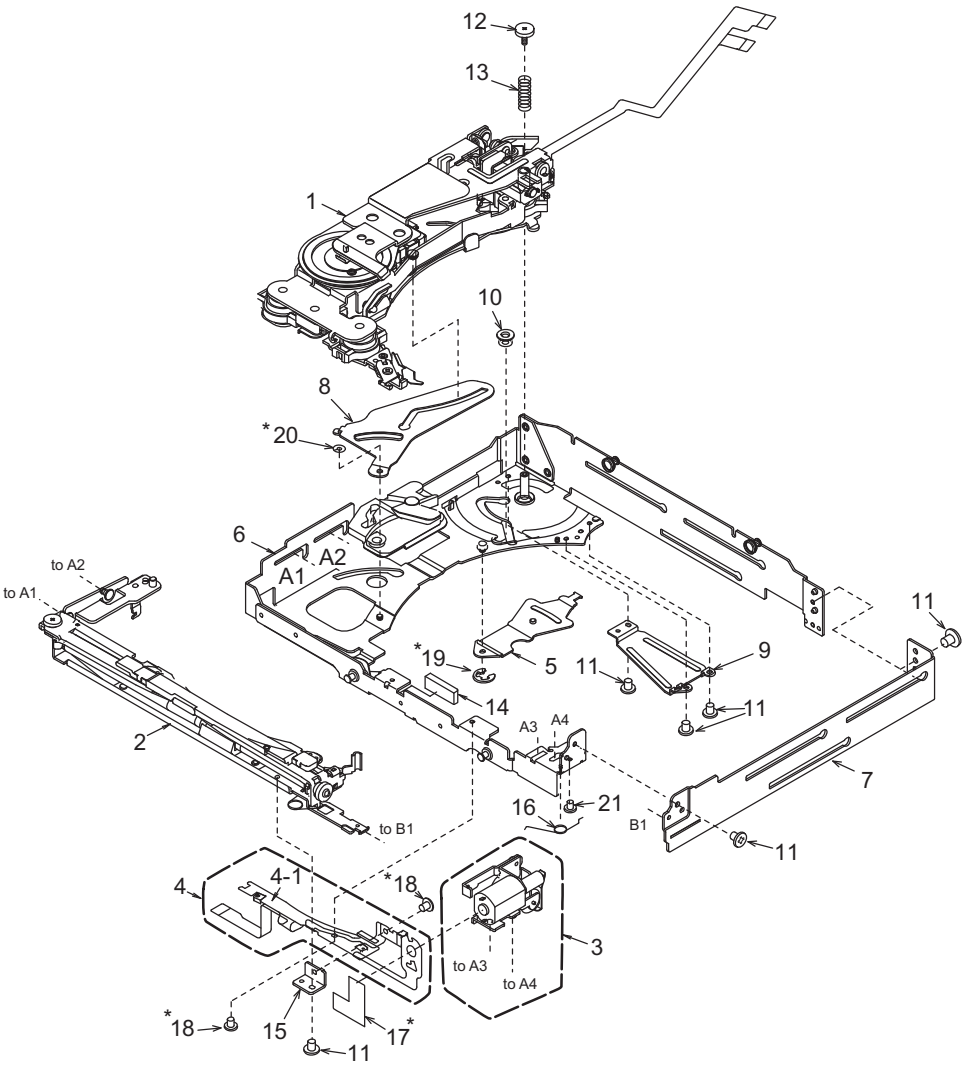
[Grease Point]

* Grease : SANKOL FG-87HSR

Put grease on the surface	
Put grease on the reverse side	
Put grease on the both sides	
Put grease on the edge	



N-Drive-CH unit section



* Do not reuse the following parts.
(No.17,18,19,20)

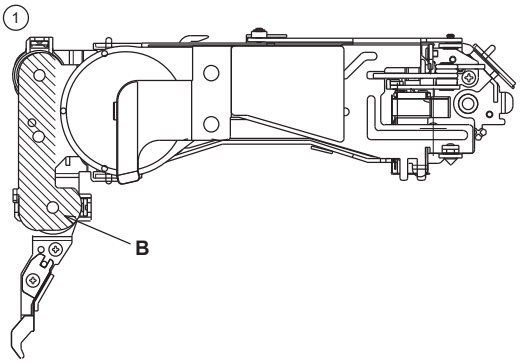
NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-604-100	N-DRIVE UNIT	1
2	HBS-567-200	LOADING-U-ASSY	1
3	HBS-556-100	LO-MOTOR-S-ASSY	1
4	HBS-552-200	L-SENSOR-S-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-0676-21	D-SHT LK-A-ASSY	1
6	966-1755-23	DRIVE-CH A ASSY	1
7	620-1681-21	DRIVE CHASSIS B	1
8	620-1672-21	DR-SUPPORT-PL	1
9	620-1680-20	D-SHIFT COVER	1
10	622-1743-21	D-SHIFT ROLLER B	1

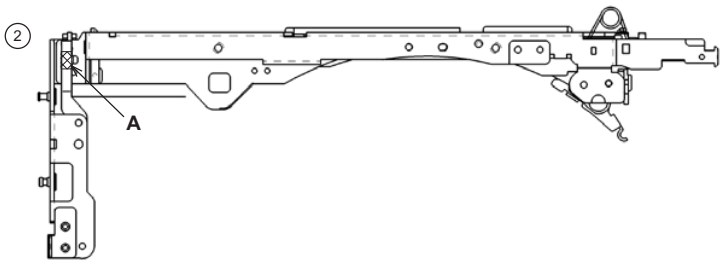
NO.	PART NO.	DESCRIPTION	Q'TY
11	716-3450-00	SCREW(M1.7x2.0)	6
12	716-3459-01	SCREW(M1.7x2.0)	1
13	750-6761-20	DRIVE SPRING A	1
14	345-5868-01	RUBBER PART	1
15	620-1651-21	S-PWB-PLATE	1
16	750-6754-20	LO-ES-SPRING B	1
17	345-5424-01	SEN-FPC GUIDE	1
18	716-1859-01	SCREW(M1.7x2.0)	2
19	744-0039-00	E-RING	1
20	746-0870-00	WASHER	1
21	716-3538-00	SCREW(M1.7x2.0)	1

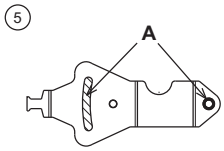
[Grease Point]

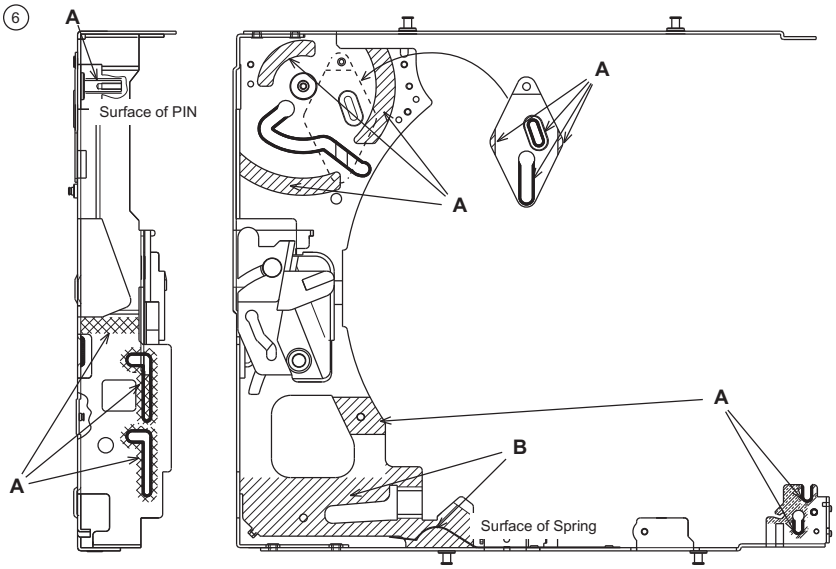
* Grease A : SANKOL FG-87HSR
* Grease B : SANKOL CFD-006MBL

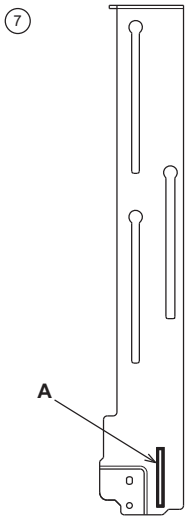
Put grease on the surface	
Put grease on the reverse side	
Put grease on the both sides	
Put grease on the edge	

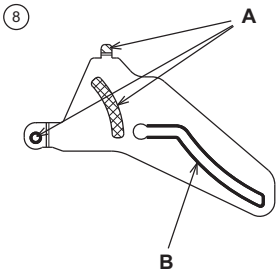


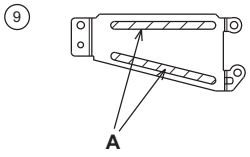


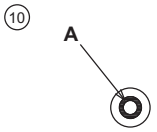




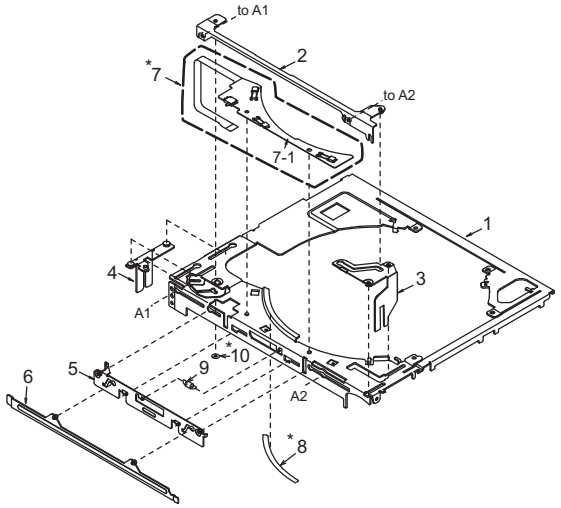








Upper unit assy section



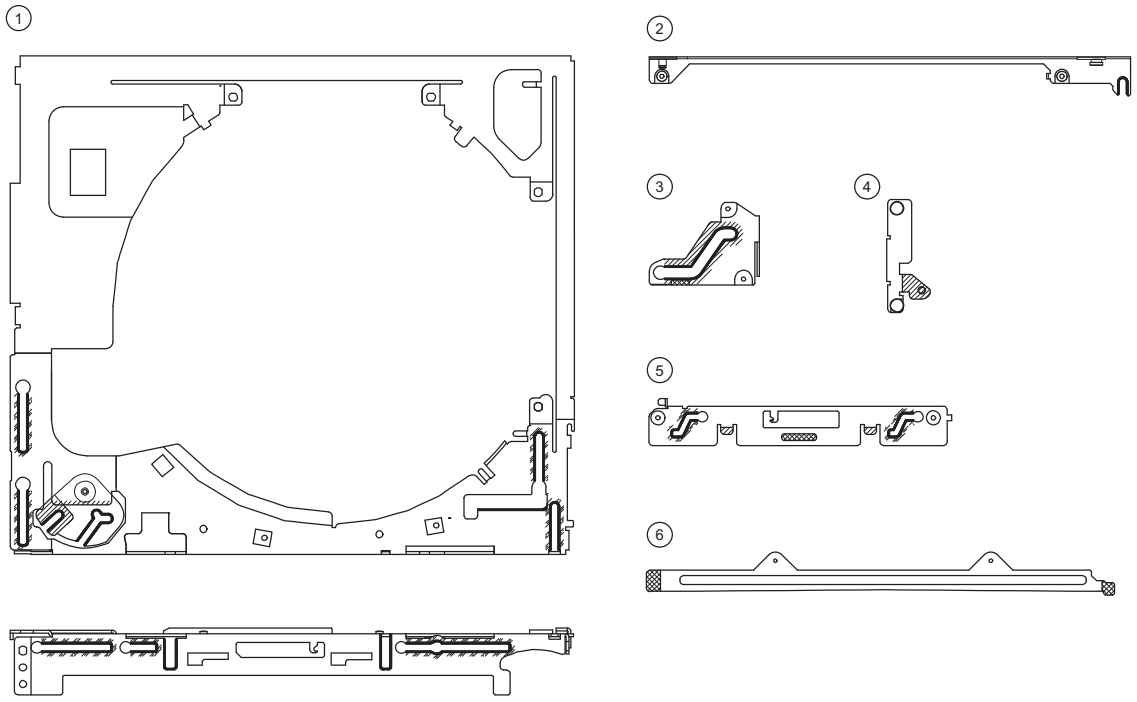
* Do not reuse the following parts.
(No.7,8,10)

NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1761-22	UPPER-CHA-ASSY	1
2	966-1765-20	LO-SHIFT A ASSY	1
3	966-0700-22	LO-SHIFT B ASSY	1
4	966-0701-21	LO-SHIFT ASSY	1
5	966-1766-20	SHUTTER-PL-ASSY	1
6	966-1763-20	SHUTTER ASSY	1
7	HBS-553-200	U-SENSOR-S-ASSY	1
7-1	----------	SENSOR-U-FPC	1
8	347-7272-00	RATTLE SHEET	1
9	750-6755-21	SHUTTER SPRING	1
10	746-0870-00	WASHER	1

[Grease Point]

* Grease : SANKOL FG-87HSR

Put grease on the surface	
Put grease on the reverse side	
Put grease on the both sides	
Put grease on the edge	



ELECTRICAL PARTS LIST

CD PWB(BM1)

REF No.	PART No.	DESCRIPTION
C1	168-1052-78	1uF
C3	168-1042-78	16V 0.1uF
C4	043-0559-90	6.3V 22uF
C5	168-1032-55	0.01uF K
C6	042-1702-90	6.3V 100uF
C7	168-1052-78	1uF
C9	168-1052-78	1uF
C11	168-1052-78	1uF
C12	042-0671-01	10V 47uF TA
C13	168-1052-78	1uF
C14	168-1042-78	16V 0.1uF
C15	168-1052-78	1uF
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	1uF
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF
C21	168-1032-55	0.01uF K
C23	043-0559-90	6.3V 22uF
C24	043-0559-90	6.3V 22uF
C25	168-4732-78	0.047uF K
C26	166-4711-50	470pF CH
C28	168-4732-78	0.047uF K
C29	166-4711-50	470pF CH
C30	166-1007-50	10pF CH
C31	166-1007-50	10pF CH
C32	168-1042-78	16V 0.1uF
C33	168-2222-55	2200pF K
C34	168-1042-78	16V 0.1uF
C35	168-1042-78	16V 0.1uF
C36	168-1042-78	16V 0.1uF
C37	168-6822-55	6800pF K
C39	168-1042-78	16V 0.1uF
C40	168-3332-78	0.033uF K
C41	168-1042-78	16V 0.1uF
C42	168-1042-78	16V 0.1uF
C43	168-1042-78	16V 0.1uF
C45	168-1042-78	16V 0.1uF
C46	168-1042-78	16V 0.1uF
C48	168-1042-78	16V 0.1uF
C49	168-1042-78	16V 0.1uF
C50	168-1042-78	16V 0.1uF
C51	168-1042-78	16V 0.1uF
C52	168-5622-55	5600pF K
C53	168-1042-78	16V 0.1uF
C54	166-6801-50	68pF CH
C55	168-1532-55	0.015uF K
C56	168-1042-78	16V 0.1uF
C57	168-1032-55	0.01uF K
C58	168-1042-78	16V 0.1uF
C59	168-1042-78	16V 0.1uF
C60	168-1522-55	1500pF K
C61	168-3322-55	3300pF K
C62	168-1032-55	0.01uF K
C64	168-1042-78	16V 0.1uF
C65	168-1032-55	0.01uF K
C67	168-1032-55	0.01uF K
C69	168-1532-55	0.015uF K
C70	166-4701-50	47pF CH
C71	168-1042-78	16V 0.1uF
C72	168-1042-78	16V 0.1uF
C74	166-6097-50	6pF CH
C75	168-1042-78	16V 0.1uF
C76	168-5622-55	5600pF K
C77	168-1032-55	0.01uF K
C79	166-1501-50	15pF CH
C80	166-1501-50	15pF CH
C101	043-0563-90	16V 47uF
CCT1	050-0145-59	1/16W 22 ohm x4
CCT2	050-0145-54	1/16W 47k ohm x4
CCT3	050-0145-54	1/16W 47k ohm x4
CCT4	050-0145-55	1/16W 10k ohm x4
CCT5	050-0140-55	1/32W 2.2k ohmx4J
D1	001-4301-14	HZU 3.0B1
D2	001-0367-91	1SS226
D3	001-4301-13	HZU 2.7B2
D4	001-4301-18	HZU 3.6B1
D5	001-2612-90	RB520S-30
D6	001-2612-90	RB520S-30
D7	001-9210-50	AVR-M1608C270MTAAD
D8	001-9210-50	AVR-M1608C270MTAAD
IC2	052-5071-30	TMP91CY22IFG-6R96
IC3	051-6733-00	TC94A73MFG-201
IC4	051-6060-08	BD7961FM-E2
IC5	051-5445-08	BD5227G-TR
IC8	051-9402-78	BR93L56RFVM-W
IC9	051-6072-08	BD7931FE2
IC10	051-5833-00	GP1S093HCZ
IC11	051-3392-90	S-1323B15NB-N8ATFG
J1	074-1237-69	19PIN
J2	074-1201-65	15P
J3	074-1138-56	6P
J4	074-1100-61	SOCKET 11P
J5	074-1201-61	11P SOCKET
Q1	060-0252-01	PT4850F
Q2	125-0021-91	DTA114EUA
Q3	198-3018-00	2SK3018
Q4	190-2060-00	2SA2060
Q8	190-2060-00	2SA2060
Q9	125-9026-90	IMF29
Q10	125-2027-91	DTC114EUA
Q11	125-0021-91	DTA114EUA
Q12	125-2027-91	DTC114EUA
Q13	125-9026-90	IMF29
R1	119-6811-15	1/10W 680 ohm
R2	119-6811-15	1/10W 680 ohm
R3	032-0163-91	1/2W 10 ohm
R4	032-0163-91	1/2W 10 ohm
R5	119-2231-15	1/10W 22k ohm
R6	116-1001-15	1/4W 10 ohm
R7	119-1021-15	1/10W 1k ohm
R8	116-1591-15	1/4W 1.5 ohm
R9	119-2231-15	1/10W 22k ohm
R10	119-4711-15	1/10W 470 ohm
R11	119-2211-15	1/10W 220 ohm
R12	119-6811-15	1/10W 680 ohm
R13	119-1011-15	1/10W 100 ohm
R14	119-2231-15	1/10W 22k ohm
R15	119-8231-15	1/10W 82k ohm
R16	119-1041-15	1/10W 100k ohm
R17	119-1041-15	1/10W 100k ohm
R18	119-1041-15	1/10W 100k ohm
R19	119-1041-15	1/10W 100k ohm
R20	119-1041-15	1/10W 100k ohm
R21	119-2221-15	1/10W 2.2k ohm
R22	119-4711-15	1/10W 470 ohm
R23	119-1051-15	1/10W 1M ohm
R24	119-2211-15	1/10W 220 ohm
R25	119-2211-15	1/10W 220 ohm
R26	119-1041-15	1/10W 100k ohm
R27	119-1051-15	1/10W 1M ohm
R28	119-1041-15	1/10W 100k ohm
R29	119-1041-15	1/10W 100k ohm
R30	119-4701-15	1/10W 47 ohm
R31	119-2201-15	1/10W 22 ohm
R32	119-1051-15	1/10W 1M ohm
R33	119-2211-15	1/10W 220 ohm
R35	119-1051-15	1/10W 1M ohm
R36	119-4721-15	1/10W 4.7k ohm
R37	119-4731-15	1/10W 47k ohm
R38	119-2231-15	1/10W 22k ohm
R39	119-1041-15	1/10W 100k ohm
R40	119-4721-15	1/10W 4.7k ohm
R41	119-4731-15	1/10W 47k ohm
R43	119-4731-15	1/10W 47k ohm
R44	119-2201-15	1/10W 22 ohm
R45	119-1511-15	1/10W 150 ohm
R46	119-4721-15	1/10W 4.7k ohm
R48	119-1041-15	1/10W 100k ohm
R49	119-0000-05	1/10W 0 ohm JW
R50	119-2211-15	1/10W 220 ohm
R51	119-0000-05	1/10W 0 ohm JW
R52	119-1041-15	1/10W 100k ohm
R53	119-5621-15	1/10W 5.6k ohm
R55	119-3341-15	1/10W 330k ohm
R56	119-4731-15	1/10W 47k ohm
R57	119-2231-15	1/10W 22k ohm
R58	119-0000-05	1/10W 0 ohm JW
R59	119-1511-15	1/10W 150 ohm
R60	119-4731-15	1/10W 47k ohm
R61	119-1041-15	1/10W 100k ohm
R62	119-1041-15	1/10W 100k ohm
R63	119-1041-15	1/10W 100k ohm
R64	119-1011-15	1/10W 100 ohm
R65	119-1041-15	1/10W 100k ohm
R66	117-5611-15	1/8W 560 ohm
R67	117-7511-15	1/8W 750 ohm
R68	117-7511-15	1/8W 750 ohm
R69	119-1041-15	1/10W 100k ohm
R81	116-1591-15	1/4W 1.5 ohm
R211	119-1041-15	1/10W 100k ohm
R212	119-1041-15	1/10W 100k ohm
S1	013-7416-50	SW SPVL110200
S2	013-7416-50	SW SPVL110200
S3	013-7416-50	SW SPVL110200
S4	013-7415-50	SPVG110400
X1	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3083-21	PWB(WITHOUT COMPONENT)

Sensor-L-PFC(BM2) section

REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT14850F
PT2	060-0252-01	PT14850F
PT3	051-5833-00	GP1S093HCZ
PWB	039-2467-21	PWB(WITHOUT COMPONENTS)

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804
LED2	001-7077-00	GL4804
LED3	001-7077-00	GL4804
S5	013-7417-50	ABC1122P161
PWB	039-2466-20	PWB(WITHOUT COMPONENTS)