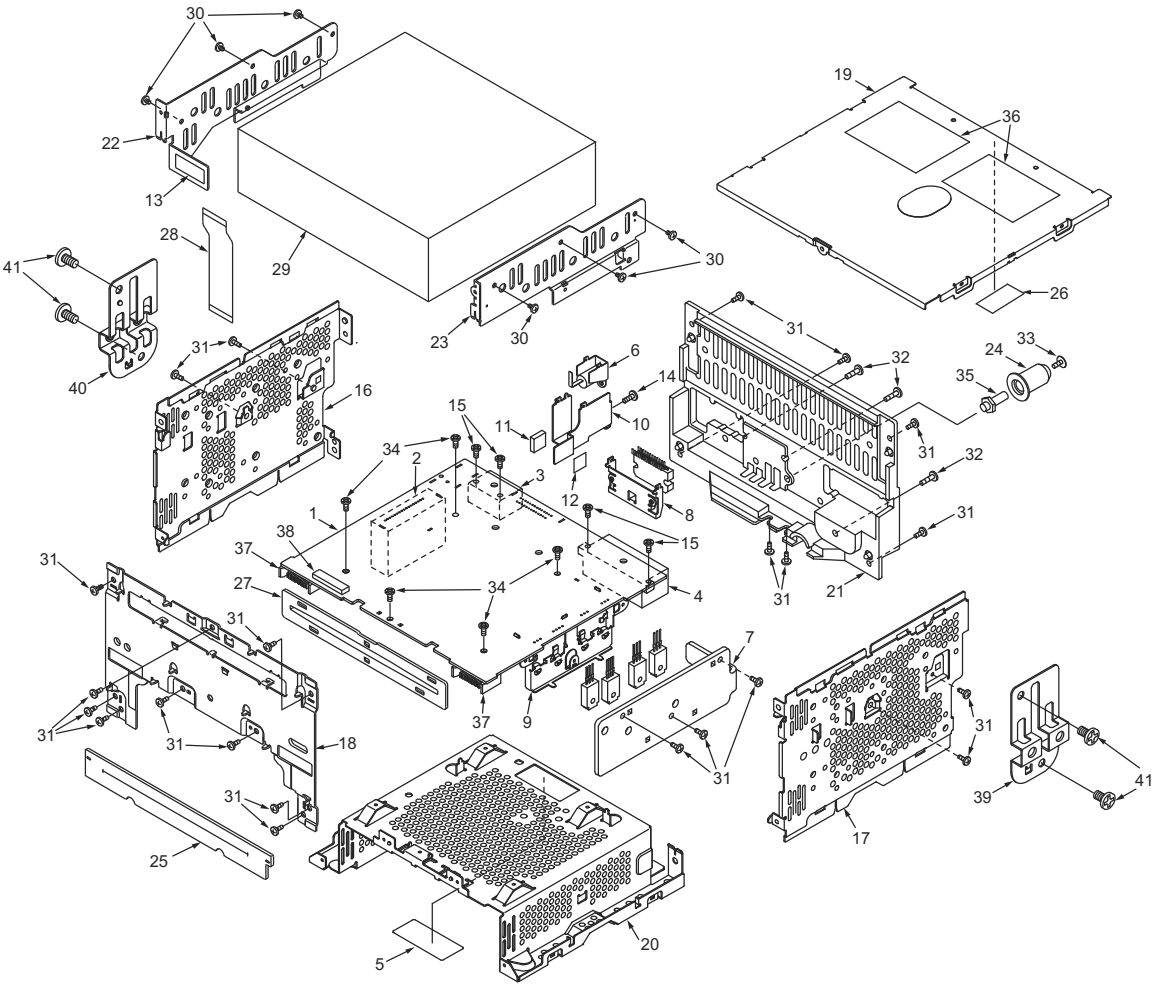
EXPLODED VIEW/PARTS LIST

Main section



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	Main PWB	1
2	880-2091K	TUNER	1
3	074-1259-00	OUTLET SOCKET (16P)	1
4	074-1260-00	OUTLET SOCKET (24P)	1
5	347-8048-00	PROTECTOR	1
6	092-4000-51	ANT-RECEPT	1
7	313-1936-00	HEAT SINK	1
8	331-4012-00	REAR PLATE	1
9	331-4013-00	TR-HOLDER	1
10	331-4031-00	EARTH BRKT	1
11	345-5828-01	GASKET	1
12	347-8634-00	PROTECTOR	1
13	347-3072-00	DOUBLE FACE	1
14	714-3006-8B	MACHINE SCREW (M3x6)	1
15	778-3005-00	TAP-SCREW (3x5)	4
16	305-0338-02	SIDE-CVR-L	1
17	305-0339-02	SIDE-CVR-R	1
18	309-0811-04	ES PLATE	1
19	310-1811-11	UPPER CASE	1
20	311-1903-01	LOWER CASE	1
21	313-1935-02	HEAT SINK	1

NO.	PART NO.	DESCRIPTION	Q'TY
22	331-4015-00	MECH-BRKT-L	1
23	331-4016-01	MECH-BRKT-R	1
24	345-8494-00	REAR RUBBER	1
25	346-0178-01	LEATHER SHEET	1
26	347-8637-00	SPACER	1
27	335-8645-00	DISC GUIDE	1
28	039-2688-00	FPC	1
29	929-0420-80	6CD-MECHANISM	1
30	716-3552-00	MACHINE SCREW (M2.3x2.5)	6
31	714-2606-8B	MACHINE SCREW (M2.6X6)	22
32	714-2612-89	MACHINE SCREW (M2.6x12)	3
33	716-0821-53	IT SCREW (M3x5)	1
34	716-1494-50	IT SCREW (M2.6x6)	5
35	716-1888-01	REAR BOLT	1
36	286-6623-64	SETPLATE	1
37	076-3009-64	PLUG (14P)	2
38	074-1237-69	SOCKET (19P)	1
39	300-8050-01	MTG-BRKT S	1
40	300-8050-11	MTG-BRKT S	1
41	716-1895-02	SP-SCREW (M5x6)	4

ELECTRICAL PARTS LIST

Main PWB(B1) section

REF No.	PART No.	DESCRIPTION
ANT101	092-4000-51	ANTENNA RECEPT
BL101	880-2091K	TUNER
C101	166-1511-50	150pF CH
C102	166-2201-50	22pF CH
C103	163-1073-35	16V 100uF
C104	168-1022-55	1000pF K
C105	163-1073-35	16V 100uF
C106	168-1022-55	1000pF K
C107	168-1022-55	1000pF K
C108	168-1022-55	1000pF K
C109	168-1022-55	1000pF K
C110	168-1022-55	1000pF K
C111	168-1022-55	1000pF K
C113	168-1042-78	16V 0.1uF K
C114	166-1801-50	18pF CH
C201	168-2212-55	220pF K
C202	163-1063-35	16V 10uF
C203	168-1042-78	16V 0.1uF K
C204	168-1022-55	1000pF K
C205	168-1022-55	1000pF K
C207	166-1011-50	100pF CH
C209	163-2273-25	10V 220uF
C213	168-1042-78	16V 0.1uF K
C301	168-2212-55	220pF K
C302	168-2212-55	220pF K
C303	168-2212-55	220pF K
C304	168-2212-55	220pF K
C305	168-2212-55	220pF K
C306	168-2212-55	220pF K
C307	168-2212-55	220pF K
C308	168-2212-55	220pF K
C309	168-1032-55	0.01uF K
C310	168-2212-55	220pF K
C311	168-2212-55	220pF K
C312	166-1011-50	100pF CH
C313	168-1042-78	16V 0.1uF K
C314	168-1042-78	16V 0.1uF K
C315	166-1011-50	100pF CH
C317	166-1011-50	100pF CH
C318	166-1201-50	12pF CH
C319	168-2212-55	220pF K
C320	168-1042-78	16V 0.1uF K
C321	163-4763-15	6.3V 47uF
C322	166-1201-50	12pF CH
C323	168-1042-78	16V 0.1uF K
C324	178-1042-78	0.1uF
C325	166-1011-50	100pF CH
C326	166-1011-50	100pF CH
C327	166-1011-50	100pF CH
C330	168-1042-78	16V 0.1uF K
C331	163-4763-15	6.3V 47uF
C332	168-1032-55	0.01uF K
C333	168-2212-55	220pF K
C404	178-2255-79	2.2uF
C405	178-2255-79	2.2uF
C406	178-2255-79	2.2uF
C407	178-2255-79	2.2uF
C409	166-1811-50	180pF CH
C411	163-4753-55	35V 4.7uF
C412	166-1007-50	10pF CH
C413	166-1007-50	10pF CH
C416	168-1042-78	16V 0.1uF K
C417	168-1022-55	1000pF K
C418	168-1022-55	1000pF K
C419	168-1022-55	1000pF K
C420	168-1022-55	1000pF K
C421	168-1022-55	1000pF K
C424	166-1011-50	100pF CH
C425	168-1022-55	1000pF K
C426	168-1022-55	1000pF K
C427	168-1042-78	16V 0.1uF K

REF No.	PART No.	DESCRIPTION
C428	163-4753-55	35V 4.7uF
C429	168-1042-78	16V 0.1uF K
C430	163-4753-55	35V 4.7uF
C434	168-2232-55	0.022uF K
C435	163-1073-15	6.3V 100uF
C437	168-4732-78	0.047uF K
C438	042-0423-94	10V 4.7uF
C439	163-2263-35	16V 22uF
C440	168-1022-55	1000pF K
C442	168-1042-78	16V 0.1uF K
C444	168-2232-55	0.022uF K
C445	163-4763-15	6.3V 47uF
C446	163-1063-35	16V 10uF
C447	168-1052-78	16V 1uF K
C449	168-3332-78	0.033uF K
C450	168-1022-55	1000pF K
C451	168-1022-55	1000pF K
C452	168-1022-55	1000pF K
C453	168-1022-55	1000pF K
C454	168-2232-55	0.022uF K
C457	168-1052-78	16V 1uF K
C458	168-4712-55	470pF K
C459	168-1022-55	1000pF K
C460	163-1073-15	6.3V 100uF
C461	168-1042-78	16V 0.1uF K
C462	163-3373-15	6.3V 330uF
C464	163-2273-25	10V 220uF
C465	168-1042-78	16V 0.1uF K
C466	168-1042-78	16V 0.1uF K
C467	168-1042-78	16V 0.1uF K
C469	168-1032-55	0.01uF K
C470	168-5622-55	5600pF K
C471	168-5622-55	5600pF K
C472	168-3322-55	3300pF K
C473	168-3322-55	3300pF K
C474	166-1011-50	100pF CH
C475	166-1011-50	100pF CH
C476	178-2255-79	2.2uF
C477	178-2255-79	2.2uF
C478	168-1022-55	1000pF K
C501	168-1022-55	1000pF K
C502	168-1022-55	1000pF K
C503	168-1022-55	1000pF K
C504	168-1022-55	1000pF K
C505	178-2255-79	2.2uF
C506	178-2255-79	2.2uF
C507	178-2255-79	2.2uF
C508	178-2255-79	2.2uF
C509	168-1042-78	16V 0.1uF K
C510	166-5611-50	560pF CH
C511	166-5611-50	560pF CH
C512	166-2711-50	270pF CH
C513	166-2711-50	270pF CH
C514	166-2201-50	22pF CH
C515	166-2201-50	22pF CH
C516	166-2201-50	22pF CH
C517	166-2201-50	22pF CH
C518	166-5611-50	560pF CH
C519	166-5611-50	560pF CH
C520	166-2711-50	270pF CH
C521	166-2711-50	270pF CH
C522	119-0000-05	1/10W 0 ohm JW
C523	119-0000-05	1/10W 0 ohm JW
C524	119-0000-05	1/10W 0 ohm JW
C525	119-0000-05	1/10W 0 ohm JW
C527	163-2263-35	16V 22uF
C528	163-2253-65	50V 2.2uF
C537	163-1073-15	6.3V 100uF
C538	168-1042-78	16V 0.1uF K
C539	168-1042-78	16V 0.1uF K
C540	168-1042-78	16V 0.1uF K

REF No.	PART No.	DESCRIPTION
C541	163-1063-35	16V 10uF
C550	178-4742-78	0.47uF
C551	178-4742-78	0.47uF
C552	178-4742-78	0.47uF
C553	178-4742-78	0.47uF
C603	163-4763-35	16V 47uF
C605	163-4763-35	16V 47uF
C608	168-1052-78	16V 1uF K
C609	163-2273-25	10V 220uF
C610	178-1042-78	0.1uF
C611	178-1042-78	0.1uF
C612	163-1063-35	16V 10uF
C613	168-1042-78	16V 0.1uF K
C614	042-0416-56	10V 22uF M TAN
C615	168-1052-78	16V 1uF K
C616	163-2273-25	10V 220uF
C617	042-0416-56	10V 22uF M TAN
C618	168-1042-78	16V 0.1uF K
C619	178-1042-78	0.1uF
C620	168-1042-78	16V 0.1uF K
C621	163-1063-35	16V 10uF
C622	042-0406-93	16V 22uF TAN
C623	168-1042-78	16V 0.1uF K
C624	178-1042-78	0.1uF
C625	163-1073-35	16V 100uF
C626	168-6822-55	6800pF K
C627	163-1063-35	16V 10uF
C628	168-1042-78	16V 0.1uF K
C633	163-4763-15	6.3V 47uF
C634	042-1678-00	16V 470uF
C635	042-1678-00	16V 470uF
C701	166-4701-50	47pF CH
C702	042-1624-00	16V 4700uF
C703	172-1041-11	0.1uF
C704	178-1042-78	0.1uF
C706	163-1053-65	50V 1uF
C707	168-2245-79	0.22uF Z
C708	168-2222-55	2200pF K
C709	168-2222-55	2200pF K
C710	168-2222-55	2200pF K
C711	168-2222-55	2200pF K
C712	168-2222-55	2200pF K
C713	168-2222-55	2200pF K
C714	168-2222-55	2200pF K
C715	168-2222-55	2200pF K
C716	168-2222-55	2200pF K
C717	168-2222-55	2200pF K
C718	168-2222-55	2200pF K
C719	168-2212-55	220pF K
C720	178-1042-78	0.1uF
C721	163-1053-65	50V 1uF
C722	166-3301-50	33pF CH
C724	166-1011-50	100pF CH
C725	166-1011-50	100pF CH
C726	166-1011-50	100pF CH
C727	166-1011-50	100pF CH
C728	166-1011-50	100pF CH
C729	166-1011-50	100pF CH
C905	168-1042-78	16V 0.1uF K
C906	166-1011-50	100pF CH
C907	166-1011-50	100pF CH
D201	001-0580-90	1SS352
D202	001-0580-90	1SS352
D301	001-0529-28	MA8051-L
D302	001-0580-90	1SS352
D303	001-0580-90	1SS352
D502	001-0516-90	MA111
D602	001-0580-90	1SS352
D603	001-0529-47	MA8091-M
D604	001-0529-28	MA8051-L
D605	001-0580-90	1SS352

REF No.	PART No.	DESCRIPTION
D606	001-0516-90	MA111
D607	001-0516-90	MA111
D608	001-2614-90	1SR-154-400
D610	001-0580-90	1SS352
D615	001-0584-24	MA8082
D617	001-2614-90	1SR-154-400
D618	001-2614-90	1SR-154-400
D622	001-2614-90	1SR-154-400
D623	001-2614-90	1SR-154-400
D624	001-4310-08	RLZ 20B
D625	001-2614-90	1SR-154-400
D626	001-0529-32	MA8056-M
D707	001-0529-31	MA8056-L
D711	001-0529-34	MA8062-L
D713	001-2015-00	RL253
D715	001-0580-90	1SS352
D716	001-4310-08	RLZ 20B
D718	001-0608-90	D1FS4
D719	001-0580-90	1SS352
D721	001-0580-90	1SS352
D723	001-0580-90	1SS352
D724	001-0529-34	MA8062-L
D725	001-0516-90	MA111
D750	001-0516-90	MA111
D901	001-4902-92	HZM27FA-TL
IC101	051-6212-08	LC72191JM-TLM
IC301	051-5440-08	S-80931CNMC-G81
IC302	----------	BR24L02FVM-WTR
IC303	----------	M30876FJAGP
IC401	----------	SAF7730HV/N317F
IC501	051-3019-90	NJM2060V
IC502	051-2055-00	TDA8593J/N3
IC602	051-3340-00	LD1085P
IC603	051-3343-00	NJM2396F33
IC604	051-3340-00	LD1085P
IC605	051-3263-90	NJU7200U33
IC606	051-3341-90	BD3931FP
IC607	051-5441-08	BD4828G-TR
IC902	051-6647-90	TJA1050T/N1
J202	074-1237-69	19P
J701	074-1260-00	24P
J702	074-1259-00	16P
L101	010-2003-04	30uH
L102	010-4044-00	27mH
L103	010-3105-62	1k ohm/100MHz
L201	010-2198-59	4.7uH
L202	010-3406-66	22uH J
L301	010-3406-66	22uH J
L302	010-3406-66	22uH J
L401	010-3105-62	1k ohm/100MHz
L402	010-3504-90	22 uH M
L403	010-3504-90	22 uH M
L404	010-3105-62	1k ohm/100MHz
L405	010-3105-62	1k ohm/100MHz
L406	010-3105-62	1k ohm/100MHz
L407	010-3104-54	600 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	010-3105-62	1k ohm/100MHz
L416	010-3105-62	1k ohm/100MHz
L417	010-3105-62	1k ohm/100MHz
L418	010-3105-62	1k ohm/100MHz
L420	010-3105-62	1k ohm/100MHz
L421	010-3104-54	600 ohm/100MHz
L422	010-3105-62	1k ohm/100MHz
L423	010-2198-51	0.22uH
L424	010-3105-62	1k ohm/100MHz
L505	010-3406-66	22uH J
L506	010-3105-62	1k ohm/100MHz
L507	010-3105-62	1k ohm/100MHz

REF No.	PART No.	DESCRIPTION
L508	010-3105-62	1k ohm/100MHz
L509	010-3105-62	1k ohm/100MHz
L510	010-3105-62	1k ohm/100MHz
L511	010-3105-62	1k ohm/100MHz
L512	010-3105-62	1k ohm/100MHz
L513	010-3105-62	1k ohm/100MHz
L703	010-8026-00	210uH
L704	010-3105-62	1k ohm/100MHz
L707	010-3105-62	1k ohm/100MHz
L708	010-3105-62	1k ohm/100MHz
L709	010-3105-62	1k ohm/100MHz
L710	010-3105-62	1k ohm/100MHz
L711	010-3105-62	1k ohm/100MHz
L712	010-3105-62	1k ohm/100MHz
L714	010-3105-62	1k ohm/100MHz
L715	010-3105-62	1k ohm/100MHz
L716	010-3105-62	1k ohm/100MHz
L717	010-3105-62	1k ohm/100MHz
L718	010-3105-62	1k ohm/100MHz
L719	010-3105-62	1k ohm/100MHz
P201	076-3009-64	14P
P202	076-3009-64	14P
Q201	125-2027-91	DTC114EUA
Q202	192-2712-50	2SC2712 Y,G,L
Q203	198-3018-00	2SK3018
Q204	125-2026-95	UNR521N
Q205	198-3018-00	2SK3018
Q206	125-2026-95	UNR521N
Q207	125-0021-91	DTA114EUA
Q302	125-9003-92	IMD3
Q401	125-7005-90	PHK04P02T
Q402	125-2026-91	UNR5211G
Q404	125-2026-91	UNR5211G
Q406	125-2026-91	UNR5211G
Q407	125-2026-91	UNR5211G
Q408	125-2026-91	UNR5211G
Q409	125-2026-91	UNR5211G
Q604	190-1736-00	2SA1736
Q605	125-2026-91	UNR5211G
Q606	133-1766-00	2SD1766
Q607	125-2026-91	UNR5211G
Q608	192-2712-50	2SC2712 Y,G,L
Q609	125-0020-91	UNR5111
Q610	192-2712-50	2SC2712 Y,G,L
Q611	101-1274-00	2SB1274
Q612	191-1197-50	2SB1197K Q,R
Q613	125-2026-91	UNR5211G
Q614	191-1204-61	2SB1204 R,S,T
Q615	192-2712-50	2SC2712 Y,G,L
Q616	192-2712-50	2SC2712 Y,G,L
Q617	191-1197-50	2SB1197K Q,R
Q618	125-2026-91	UNR5211G
Q619	191-1204-61	2SB1204 R,S,T
Q620	192-2712-50	2SC2712 Y,G,L
Q623	190-1736-00	2SA1736
Q624	125-2026-91	UNR5211G
Q625	190-1736-00	2SA1736
Q628	125-2026-91	UNR5211G
Q629	125-0020-93	UNR511300L
Q631	193-1758-00	2SD1758TK
Q701	192-2712-50	2SC2712 Y,G,L
Q703	192-2712-50	2SC2712 Y,G,L
Q704	192-2712-50	2SC2712 Y,G,L
Q705	192-2712-50	2SC2712 Y,G,L
Q706	192-2712-50	2SC2712 Y,G,L
Q707	192-2712-50	2SC2712 Y,G,L
Q709	192-2712-50	2SC2712 Y,G,L
Q710	191-1197-50	2SB1197K Q,R
R102	119-2741-15	1/10W 270k ohm
R103	119-1041-15	1/10W 100k ohm
R104	119-1011-15	1/10W 100 ohm
R105	119-6821-15	1/10W 6.8k ohm
R106	119-6821-15	1/10W 6.8k ohm
R107	119-1011-15	1/10W 100 ohm

REF No.	PART No.	DESCRIPTION
R108	119-1011-15	1/10W 100 ohm
R109	119-1011-15	1/10W 100 ohm
R110	119-1011-15	1/10W 100 ohm
R111	116-5691-15	1/4W 5.6 ohm
R112	119-4731-15	1/10W 47k ohm
R201	119-1031-15	1/10W 10k ohm
R202	119-1031-15	1/10W 10k ohm
R203	119-1041-15	1/10W 100k ohm
R204	119-1011-15	1/10W 100 ohm
R205	119-0000-05	1/10W 0 ohm JW
R213	119-2231-15	1/10W 22k ohm
R214	119-2231-15	1/10W 22k ohm
R215	119-3331-15	1/10W 33k ohm
R242	119-1031-15	1/10W 10k ohm
R243	119-2231-15	1/10W 22k ohm
R301	119-1031-15	1/10W 10k ohm
R302	119-3931-15	1/10W 39k ohm
R303	119-4731-15	1/10W 47k ohm
R304	116-5611-15	1/4W 560 ohm
R305	119-1021-15	1/10W 1k ohm
R306	119-1021-15	1/10W 1k 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	119-1011-15	1/10W 100 ohm
R311	119-1021-15	1/10W 1k ohm
R312	119-1021-15	1/10W 1k ohm
R313	119-1021-15	1/10W 1k ohm
R314	119-4721-15	1/10W 4.7k ohm
R315	119-1011-15	1/10W 100 ohm
R316	119-4721-15	1/10W 4.7k ohm
R317	119-1011-15	1/10W 100 ohm
R318	119-1011-15	1/10W 100 ohm
R319	119-1021-15	1/10W 1k ohm
R320	119-4731-15	1/10W 47k ohm
R321	119-1021-15	1/10W 1k ohm
R322	119-4731-15	1/10W 47k ohm
R323	119-1011-15	1/10W 100 ohm
R324	119-1011-15	1/10W 100 ohm
R325	119-4731-15	1/10W 47k ohm
R326	119-4731-15	1/10W 47k ohm
R327	119-4721-15	1/10W 4.7k ohm
R328	119-4721-15	1/10W 4.7k ohm
R329	119-4731-15	1/10W 47k ohm
R337	119-1031-15	1/10W 10k ohm
R338	119-1031-15	1/10W 10k ohm
R339	119-2231-15	1/10W 22k ohm
R340	119-1021-15	1/10W 1k ohm
R342	119-4731-15	1/10W 47k ohm
R344	119-4731-15	1/10W 47k ohm
R346	119-1021-15	1/10W 1k ohm
R348	119-1021-15	1/10W 1k ohm
R351	119-4731-15	1/10W 47k ohm
R352	119-1021-15	1/10W 1k ohm
R353	119-4731-15	1/10W 47k ohm
R354	119-1021-15	1/10W 1k ohm
R357	119-1011-15	1/10W 100 ohm
R358	119-1011-15	1/10W 100 ohm
R359	119-1021-15	1/10W 1k ohm
R360	119-1021-15	1/10W 1k ohm
R361	119-1031-15	1/10W 10k ohm
R362	119-1031-15	1/10W 10k ohm
R364	119-4731-15	1/10W 47k ohm
R366	119-4731-15	1/10W 47k ohm
R367	119-2231-15	1/10W 22k ohm
R368	119-4731-15	1/10W 47k ohm
R369	119-4731-15	1/10W 47k ohm
R370	119-4731-15	1/10W 47k ohm
R373	119-4721-15	1/10W 4.7k ohm
R374	119-1031-15	1/10W 10k ohm
R375	119-4721-15	1/10W 4.7k ohm
R376	119-4721-15	1/10W 4.7k ohm
R377	119-4731-15	1/10W 47k ohm
R378	119-1021-15	1/10W 1k ohm

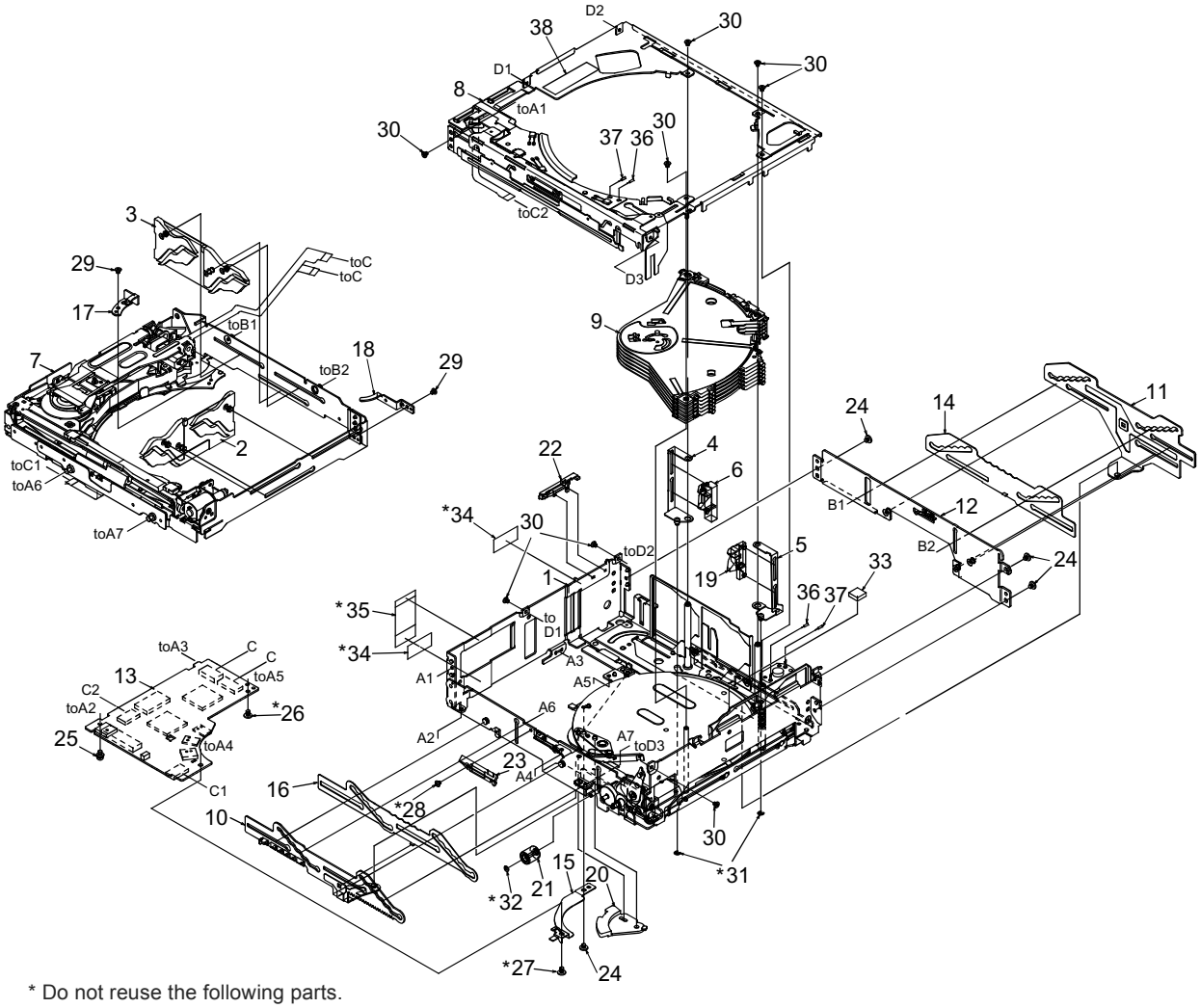
REF No.	PART No.	DESCRIPTION
R379	119-4731-15	1/10W 47k ohm
R401	032-0140-63	1/10W 27k ohm F
R402	032-0140-63	1/10W 27k ohm F
R406	032-0140-50	1/10W 10k ohm F
R407	032-0140-50	1/10W 10k ohm F
R408	032-0140-50	1/10W 10k ohm F
R409	032-0140-50	1/10W 10k ohm F
R410	119-2201-15	1/10W 22 ohm
R412	119-0000-05	1/10W 0 ohm JW
R413	119-1031-15	1/10W 10k ohm
R414	119-1021-15	1/10W 1k ohm
R416	119-1031-15	1/10W 10k ohm
R417	119-0000-05	1/10W 0 ohm JW
R418	119-1031-15	1/10W 10k ohm
R419	119-0000-05	1/10W 0 ohm JW
R420	119-0000-05	1/10W 0 ohm JW
R421	119-0000-05	1/10W 0 ohm JW
R423	119-1001-15	1/10W 10 ohm
R425	119-0000-05	1/10W 0 ohm JW
R426	032-0140-50	1/10W 10k ohm F
R427	032-0140-50	1/10W 10k ohm F
R429	032-0140-50	1/10W 10k ohm F
R430	032-0140-50	1/10W 10k ohm F
R431	119-1051-15	1/10W 1M ohm
R436	119-0000-05	1/10W 0 ohm JW
R440	119-1031-15	1/10W 10k ohm
R441	119-1031-15	1/10W 10k ohm
R442	119-1011-15	1/10W 100 ohm
R443	119-1011-15	1/10W 100 ohm
R446	119-1031-15	1/10W 10k ohm
R449	119-1031-15	1/10W 10k ohm
R451	119-8221-15	1/10W 8.2k ohm
R452	119-1011-15	1/10W 100 ohm
R453	119-1001-15	1/10W 10 ohm
R457	119-0000-05	1/10W 0 ohm JW
R460	119-0000-05	1/10W 0 ohm JW
R461	119-1531-15	1/10W 15k ohm
R462	119-1531-15	1/10W 15k ohm
R463	119-1231-15	1/10W 12k ohm
R501	119-1021-15	1/10W 1k ohm
R502	119-1021-15	1/10W 1k ohm
R503	119-1021-15	1/10W 1k ohm
R504	119-1021-15	1/10W 1k ohm
R505	119-1031-15	1/10W 10k ohm
R506	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
R511	119-0000-05	1/10W 0 ohm JW
R512	119-0000-05	1/10W 0 ohm JW
R513	119-1031-15	1/10W 10k ohm
R514	119-1031-15	1/10W 10k ohm
R515	119-1051-15	1/10W 1M ohm
R516	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

REF No.	PART No.	DESCRIPTION
R521	119-0000-05	1/10W 0 ohm JW
R522	119-0000-05	1/10W 0 ohm JW
R523	119-1031-15	1/10W 10k ohm
R524	119-1031-15	1/10W 10k ohm
R525	119-1021-15	1/10W 1k ohm
R528	119-4721-15	1/10W 4.7k ohm
R529	119-4721-15	1/10W 4.7k ohm
R535	119-1011-15	1/10W 100 ohm
R536	119-1011-15	1/10W 100 ohm
R537	117-0000-05	1/8W 0 ohm JW
R538	117-0000-05	1/8W 0 ohm JW
R539	117-0000-05	1/8W 0 ohm JW
R540	117-0000-05	1/8W 0 ohm JW
R541	117-0000-05	1/8W 0 ohm JW
R542	117-0000-05	1/8W 0 ohm JW
R543	117-0000-05	1/8W 0 ohm JW
R544	117-0000-05	1/8W 0 ohm JW
R564	119-0000-05	1/10W 0 ohm JW
R565	119-0000-05	1/10W 0 ohm JW
R566	119-0000-05	1/10W 0 ohm JW
R567	119-0000-05	1/10W 0 ohm JW
R589	119-0000-05	1/10W 0 ohm JW
R602	119-1031-15	1/10W 10k ohm
R605	119-1031-15	1/10W 10k ohm
R606	116-4711-15	1/4W 470 ohm
R607	119-1031-15	1/10W 10k ohm
R608	119-3311-15	1/10W 330 ohm
R609	032-0140-93	1/10W 2k ohm F
R610	032-0140-98	1/10W 330 ohm F
R612	116-1011-15	1/4W 100 ohm
R613	117-1021-15	1/8W 1k ohm
R614	119-1031-15	1/10W 10k ohm
R615	116-1821-15	1/4W 1.8k ohm
R616	119-1531-15	1/10W 15k ohm
R617	116-1821-15	1/4W 1.8k ohm
R618	116-2291-15	1/4W 2.2 ohm
R619	119-1021-15	1/10W 1k ohm
R620	116-1821-15	1/4W 1.8k ohm
R621	119-1031-15	1/10W 10k ohm
R622	119-1031-15	1/10W 10k ohm
R623	116-1821-15	1/4W 1.8k ohm
R624	119-4721-15	1/10W 4.7k ohm
R625	119-1031-15	1/10W 10k ohm
R626	119-2221-15	1/10W 2.2k ohm
R627	119-1031-15	1/10W 10k ohm
R628	119-1031-15	1/10W 10k ohm
R629	119-4731-15	1/10W 47k ohm
R630	032-0140-93	1/10W 2k ohm F
R631	032-0140-98	1/10W 330 ohm F
R632	119-1031-15	1/10W 10k ohm
R633	116-2221-15	1/4W 2.2k ohm
R634	116-2221-15	1/4W 2.2k ohm
R635	116-2221-15	1/4W 2.2k ohm
R637	119-1031-15	1/10W 10k ohm
R638	116-2221-15	1/4W 2.2k ohm
R639	119-4721-15	1/10W 4.7k ohm
R640	119-1031-15	1/10W 10k ohm
R642	116-1221-15	1/4W 1.2k ohm
R643	119-3931-15	1/10W 39k ohm

REF No.	PART No.	DESCRIPTION
R644	119-3931-15	1/10W 39k ohm
R646	119-1241-15	1/10W 120k ohm
R647	119-7531-15	1/10W 75k ohm
R649	116-2291-15	1/4W 2.2 ohm
R650	116-2291-15	1/4W 2.2 ohm
R651	116-2291-15	1/4W 2.2 ohm
R656	116-1221-15	1/4W 1.2k ohm
R657	116-4711-15	1/4W 470 ohm
R658	116-4711-15	1/4W 470 ohm
R659	119-1021-15	1/10W 1k ohm
R661	116-4791-15	1/4W 4.7 ohm
R662	116-4791-15	1/4W 4.7 ohm
R701	119-2231-15	1/10W 22k ohm
R702	119-2231-15	1/10W 22k ohm
R703	119-2231-15	1/10W 22k ohm
R704	119-2231-15	1/10W 22k ohm
R705	119-2231-15	1/10W 22k ohm
R706	119-2231-15	1/10W 22k ohm
R707	119-4731-15	1/10W 47k ohm
R709	119-2231-15	1/10W 22k ohm
R711	119-2231-15	1/10W 22k ohm
R713	119-2231-15	1/10W 22k ohm
R717	119-1041-15	1/10W 100k ohm
R718	116-2211-15	1/4W 220 ohm
R719	116-2211-15	1/4W 220 ohm
R721	119-2231-15	1/10W 22k ohm
R722	119-1021-15	1/10W 1k ohm
R726	119-6821-15	1/10W 6.8k ohm
R727	119-5611-15	1/10W 560 ohm
R729	116-1531-15	1/4W 15k ohm
R730	116-1021-15	1/4W 1k ohm
R732	116-1011-15	1/4W 100 ohm
R734	116-1021-15	1/4W 1k ohm
R735	119-5611-15	1/10W 560 ohm
R736	116-2291-15	1/4W 2.2 ohm
R737	119-1031-15	1/10W 10k ohm
R738	119-1031-15	1/10W 10k ohm
R740	119-0000-05	1/10W 0 ohm JW
R741	117-4721-15	1/8W 4.7k ohm
R750	119-1211-15	1/10W 120 ohm
R751	119-2731-15	1/10W 27k ohm
R996	119-0000-05	1/10W 0 ohm JW
R997	119-0000-05	1/10W 0 ohm JW
R999	119-0000-05	1/10W 0 ohm JW
SUP101	060-0122-91	DSP-141N-S00B
TC101	004-1580-10	30pF GRN
TH601	002-0318-20	1206L020YR
TH602	002-0318-20	1206L020YR
TM101	073-0762-90	TERMINAL
TM301	073-0762-90	TERMINAL
TM401	073-0762-90	TERMINAL
TM701	073-0762-90	TERMINAL
X101	061-3515-90	7.2MHz
X301	061-3541-90	10.00MHz
X401	061-3537-90	41.6MHz
PWB	039-3369-00	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

Main section

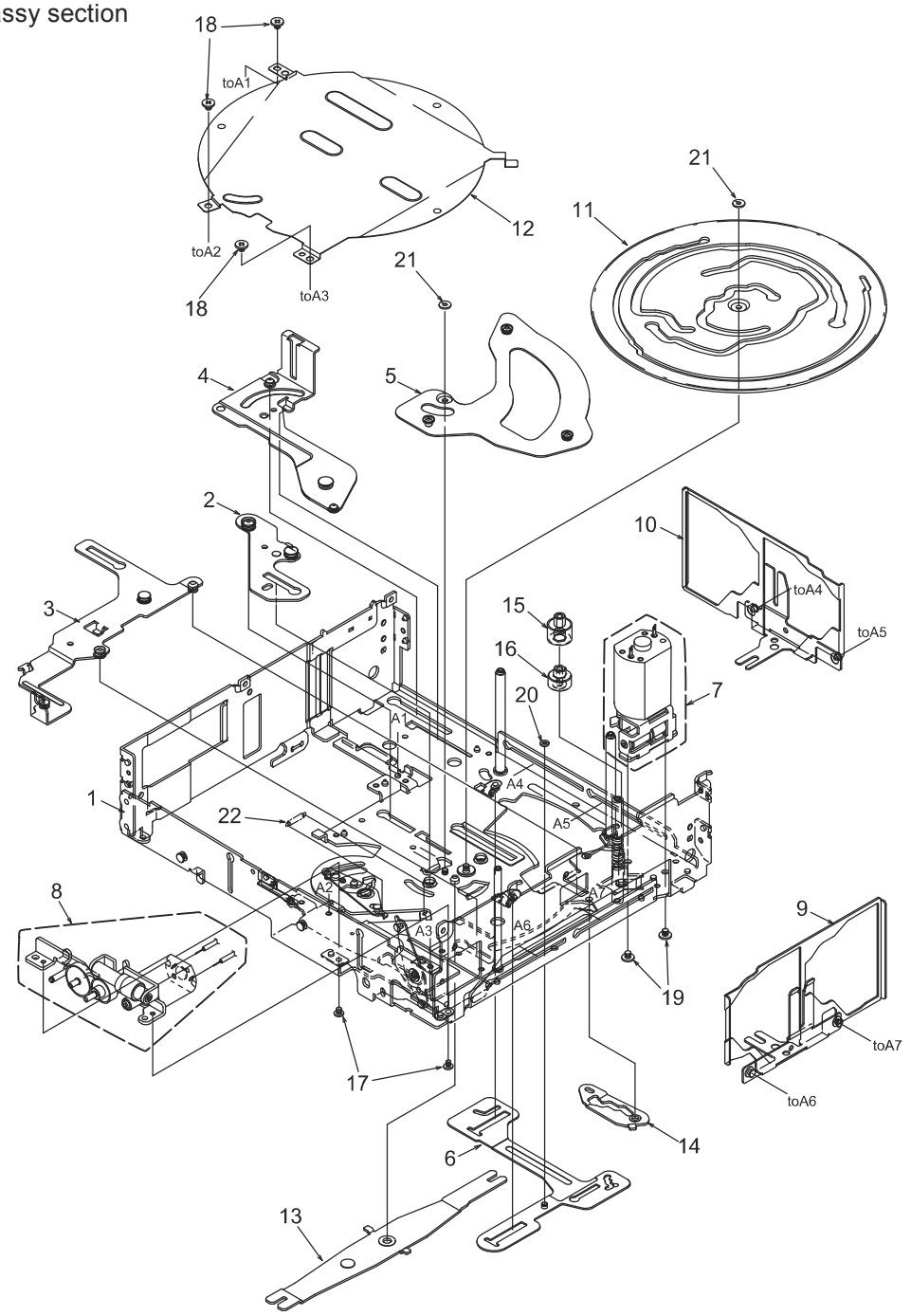


* Do not reuse the following parts.
(No.26,27,28,31,32,34,35)

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	LOWER UNIT ASSY	1
2	HBS-617-100	KUSABI-ASSY-S	1
3	HBS-618-100	KUSABI-ASSY-R	1
4	966-1846-20	DS-SP-ASSY L	1
5	966-1847-21	DS-SP ASSY R	1
6	966-0667-21	DISC STP-ASSY L	1
7	966-1844-21	DRIVE-CH UNIT	1
8	966-1840-22	UPPER UNIT ASSY	1
9	HBS-602-100	DISCHOLDER UNIT	1
10	966-1771-21	SLIDE-P-ASSY	1
11	966-1814-21	SLIDE-P-ASSY-R	1
12	966-1874-20	REAR-P-ASSY R	1
13	HBS-631-100	CD PWB ASSY	1
14	620-1662-21	GAP PLATE R	1
15	620-1640-20	SW-H-PLATE	1
16	620-1778-21	GAP PLATE F	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1815-20	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1812-20	SW LINK	1
21	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	621-1736-20	UD-GEAR-B	1
24	716-1850-01	SCREW(M2.0x2)	4
25	716-3598-00	SCREW(M2.0x4)	1
26	716-3599-00	SCREW(M2.0x2 sealock)	1
27	716-3600-00	SCREW(M2.0x3 sealock)	1
28	716-3601-00	SCREW(M1.7x2 sealock)	1
29	716-3450-00	SCREW(M1.7x2.0)	2
30	716-3451-01	SCREW(M1.7x2.5)	8
31	744-0045-01	C-RING	2
32	746-0761-00	WASHER	1
33	345-5824-00	RUBBER PART	1
34	347-8230-00	PROTECT SHEET	2
35	347-8219-00	FPC-SHEET N	1
36	800-4921-60	VINYL-COAT-WIRE(BLAK)	1
37	802-4921-60	VINYL-COAT-WIRE(RED)	1
38	293-8575-00	MECH LABEL	1

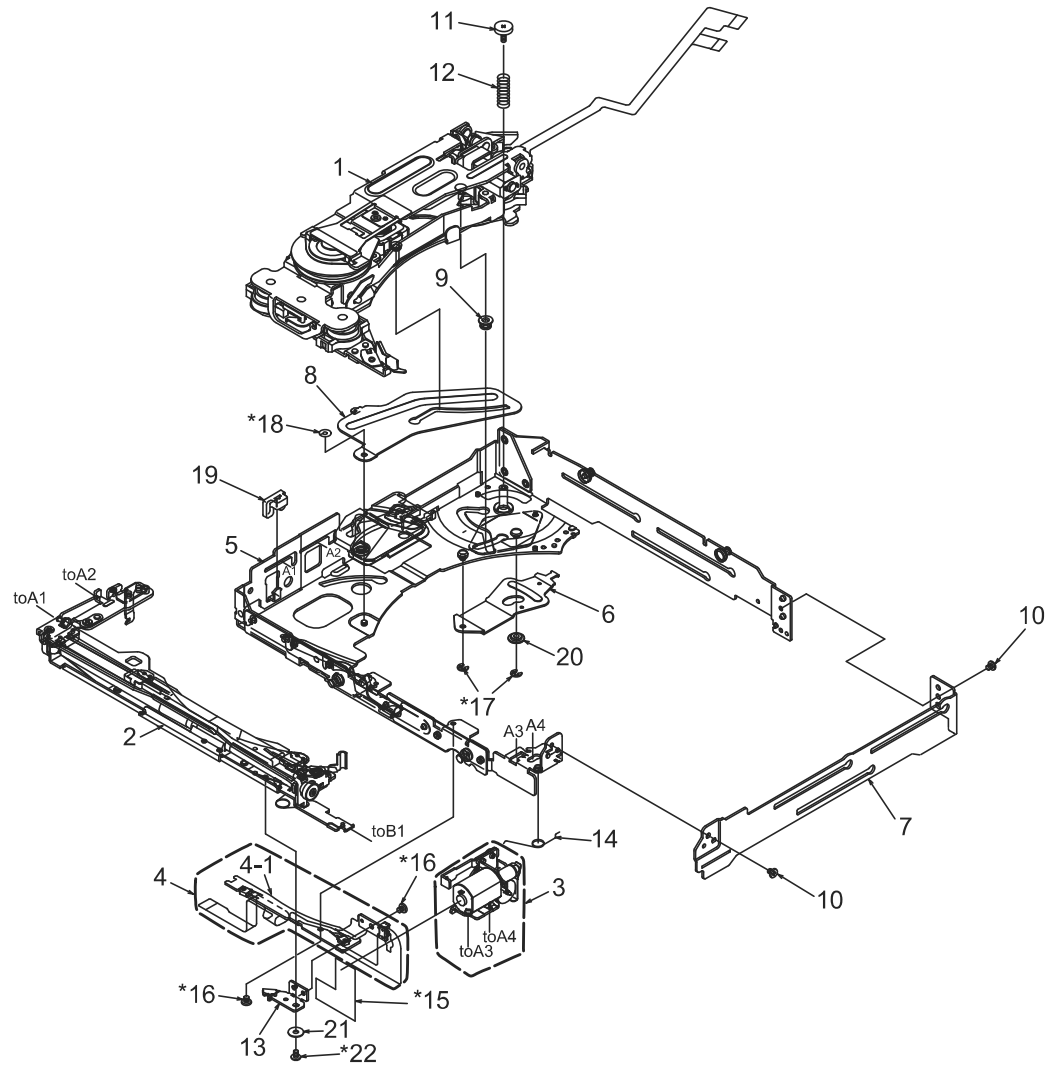
Lower unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1834-24	LOWER-C-ASSY	1
2	966-0658-22	DH-SP-ASSY	1
3	966-1836-20	TATSU-P-ASSY	1
4	966-1832-20	D-SHT PL-B-ASSY	1
5	966-0659-22	DH-SP-ASSY B	1
6	966-1835-92	DS-SP-ASSY	1
7	HBS-622-100	M-MTR SUB ASSY	1
8	HBS-616-100	UD-MOTOR-ASSY	1
9	966-1872-20	INITIAL ASSY S	1
10	966-1873-20	INITIAL ASSY R	1
11	620-1623-24	CAM GEAR	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	620-1624-24	GEAR COVER	1
13	620-1848-21	UD LINK	1
14	620-1847-91	DS-SHIFT LINK	1
15	621-1811-21	M-GEAR B	1
16	621-0733-20	M-GEAR C	1
17	716-3451-01	SCREW(M1.7x2.5)	2
18	716-1850-01	SCREW(M2.0x2.0)	3
19	716-1851-03	SCREW(M2.0x3.0)	2
20	746-0870-00	WASHER	1
21	746-0768-00	WASHER	2
22	750-6756-21	SW-L-SPRING	1

Drive-CH unit section

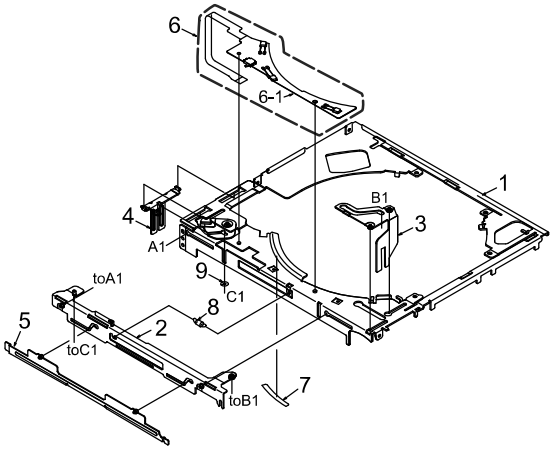


* Do not reuse the following parts.
(No.15,16,17,18,22)

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-620-100	DRIVE UNIT	1
2	HBS-612-100	LOADING-U-ASSY	1
3	HBS-615-100	LO-MOTOR-S-ASSY	1
4	HBS-614-100	L-SEN-FPC-ASSY	1
4-1	----------	SENSOR-L-FPC	1
5	966-1828-22	DRIVE-CH A-ASSY	1
6	620-1838-21	D-SHIFT LINK A	1
7	620-1837-20	DRIVE CHASSIS B	1
8	620-1836-20	DR-SUPPORT-PL	1
9	622-1743-21	D-SHIFT ROLLERB	1
10	716-3450-00	SCREW(M1.7x2)	2
11	716-3603-00	SCREW(M1.7x5)	1

NO.	PART NO.	DESCRIPTION	Q'TY
12	750-6852-20	DRIVE SPRING A	1
13	620-1831-21	S-PWB PLATE	1
14	750-6754-20	LO-ES-SPRING B	1
15	345-5424-01	SEN-FPC GUIDE	1
16	716-3601-00	SCREW(M1.7x2 sealock)	2
17	743-1500-1B	E-RING	2
18	746-0870-00	WASHER	1
19	621-1807-00	RUBBER PART	1
20	622-1850-20	D-SHIFT ROLLERE	1
21	347-8392-00	FPC WASHER	1
22	716-3451-02	SCREW(M1.7x2.5 sealock)	1

Upper unit assy section



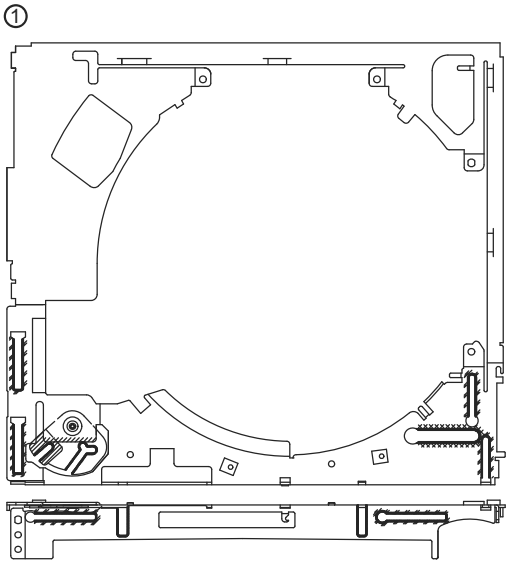
* Do not reuse the following parts.
(No.6,7,9)

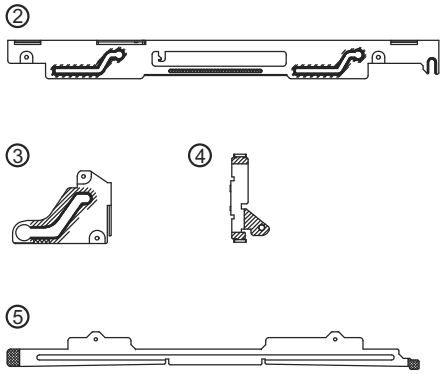
NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1823-21	UPPER-CHA-ASSY	1
2	966-1824-20	LO-SHIFT A ASSY	1
3	966-1791-20	LO-SHIFT B ASSY	1
4	966-1825-20	LO-SHIFT C ASSY	1
5	966-1826-20	SHUTTER ASSY	1
6	HBS-613-100	U-SEN-FPC-ASSY	1
6-1	----------	SENSOR-U-FPC	1
7	347-8216-00	RATTLE SHEET	1
8	750-6850-20	SHUTTER SPRING	1
9	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) section

REF No.	PART No.	DESCRIPTION
C1	168-1052-78	16V 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	16V 1uF
C9	168-1052-78	16V 1uF
C11	168-1052-78	16V 1uF
C12	042-0671-01	10V 47uF TA

REF No.	PART No.	DESCRIPTION
C13	168-1052-78	16V 1uF
C14	168-1042-78	16V 0.1uF
C15	168-1052-78	16V 1uF
C16	043-0559-90	6.3V 22uF
C17	168-1032-55	0.01uF K
C18	168-1052-78	16V 1uF
C19	043-0559-90	6.3V 22uF
C20	168-1042-78	16V 0.1uF
C21	168-1032-55	0.01uF K

REF No.	PART No.	DESCRIPTION
C22	168-1052-78	16V 1uF
C25	168-4732-78	0.047uF K
C26	166-4711-50	470pF CH
C27	168-1052-78	16V 1uF
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

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

REF No.	PART No.	DESCRIPTION
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
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
D1	001-0529-14	MA8030-L
D2	001-0367-91	1SS226
D3	001-4301-13	HZU 2.7B2
D3	001-0529-13	MA8029-H
D4	001-4301-18	HZU 3.6B1
D4	001-0529-18	MA8036-L
IC2	052-5077-01	TMP91CY22IFG

REF No.	PART No.	DESCRIPTION
IC3	051-6733-00	TC94A73MFG-201
IC4	051-6060-08	BD7961FM-E2
IC5	051-5452-90	BD5235G
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	SOCKET 19P
J2	074-1201-65	SOCKET 15P
J3	074-1138-56	SOCKET 6P
J4	074-1100-61	SOCKET 11P
J5	074-1201-61	SOCKET 11P
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

REF No.	PART No.	DESCRIPTION
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
R34	119-4731-15	1/10W 47k 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
R42	032-0140-16	1/10W 180k ohm F
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
R47	032-0140-96	1/10W 120k ohm F
R48	119-1041-15	1/10W 100k ohm
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	119-2211-15	1/10W 220 ohm
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	116-3311-15	1/4W 330 ohm
R68	116-3311-15	1/4W 330 ohm
R81	116-1591-15	1/4W 1.5 ohm
R101	119-0000-05	1/10W 0 ohm JW
R102	119-0000-05	1/10W 0 ohm JW
R103	119-0000-05	1/10W 0 ohm JW
R201	119-0000-05	1/10W 0 ohm JW
R212	119-1041-15	1/10W 100k ohm
S1	013-7416-50	SW SPVL110200
S2	013-7416-50	SW SPVL110200
S3	013-7412-50	SPVG21
S4	013-7415-50	SPVG110400
X1	061-3534-90	16.92MHz
X3	060-1545-90	20MHz
PWB	039-3058-20	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

REF No.	PART No.	DESCRIPTION
PWB	039-3003-20	PWB(WITHOUT COMPONENTS)

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804
LED2	001-7042-00	GL4800
LED3	001-7042-00	GL4800

REF No.	PART No.	DESCRIPTION
S5	013-7417-50	ABC1122P161
PWB	039-3004-20	PWB(WITHOUT COMPONENTS)