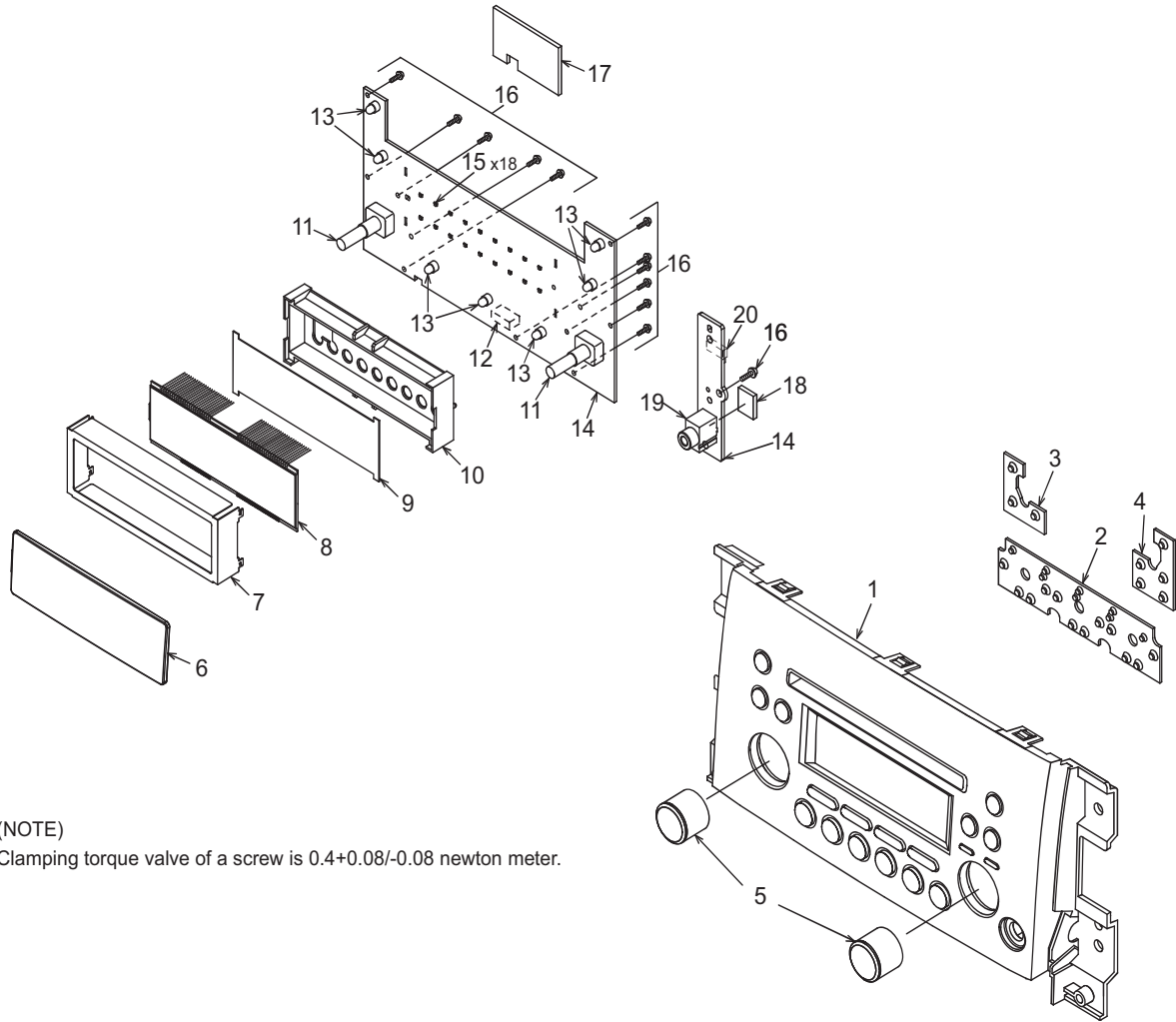


EXPLODED VIEW/PARTS LIST

Escutcheon section



(NOTE)

Clamping torque value of a screw is 0.4+0.08/-0.08 newton meter.

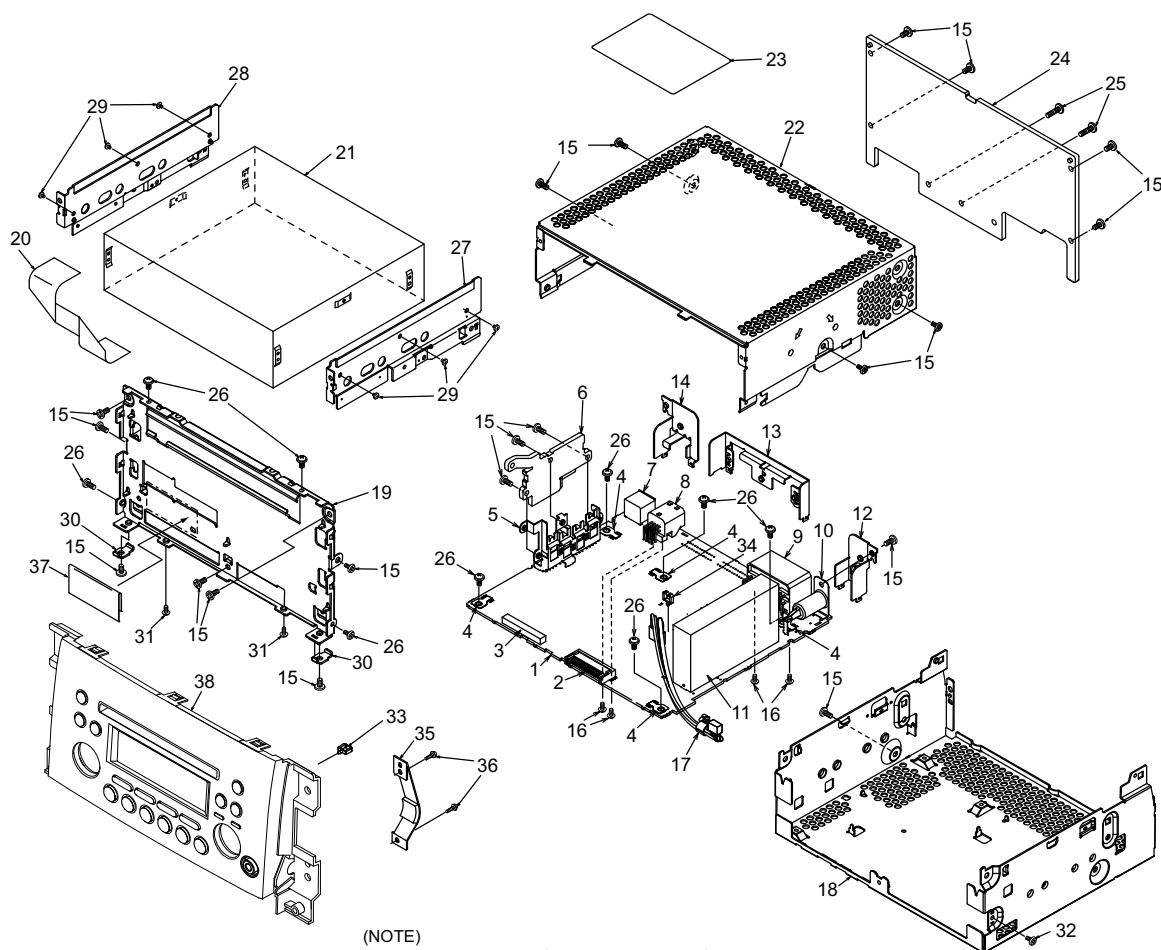
Note) Some parts depend on each model. The model name is specified in the description.

3224DA : PS-3224D-A, 3224DB : PS-3224D-B, 3225DA : PS-3225D-A, 3225DB : PS-3225D-B.

NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8478-12 940-8478-13	ES-ASSY (3224DA/3225DA) ES-ASSY (3224DB/3225DB)	1
2	345-5782-11	RUBBER SW (F)	1
3	345-5783-00	RUBBER SW (L)	1
4	345-6227-00	RUBBER SW (R)	1
5	380-5610-00	KNOB	2
6	373-1175-00	DIAL COVER	1
7	331-4550-01	LCD COVER	1
8	379-1429-50	INDICATOR (LCD)	1
9	335-8274-00	COLOR FILTER	1
10	335-8273-00	LCD HOLDER	1

NO.	PART NO.	DESCRIPTION	Q'TY
11	016-0018-17	VR W/SHAFT	2
12	074-3013-74	SOCKET (24P)	1
13	017-0508-00	PILOTLAMP	7
14	-----	Switch PWB	1
15	001-7094-91	LED (VFR1112H-TR)	18
16	716-0778-51	WAVE SCREW (2x6)	12
17	345-6272-00	PROTECTOR	1
18	345-6382-00	PROTECTOR	1
19	075-9024-00	MINI JACK	1
20	076-6020-05	SOCKET (5P)	1

Main section



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

3224DA : PS-3224D-A, 3224DB : PS-3224D-B, 3225DA : PS-3225D-A, 3225DB : PS-3225D-B.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	Main PWB	1	21	929-0420-80	CD-MECH (6CD)	1
2	076-3011-74	PLUG (24P)	1	22	310-1826-60	UPPER CASE	1
3	074-1237-69	SOCKET (19P)	1	23	276-0610-12	SETPLATE (3224DA)	1
4	073-0762-90	TERMINAL	5		276-0610-13	SETPLATE (3224DB)	1
5	331-4126-00	TR HOLDER	1		276-0610-14	SETPLATE (3225DA)	
6	313-1966-00	SUB HEAT SINK	1		276-0610-15	SETPLATE (3225DB)	
7	074-1194-00	SOCKET (13P Ce-NET)	1	24	313-1962-00	HEAT SINK	1
8	074-1302-08	SOCKET (8P)	1	25	714-2610-89	MACHINE SCREW (M2.6x10)	2
9	074-4007-20	SOCKET (20P)	1	26	716-0878-50	IT SCREW (M2.6x5)	9
10	092-0702-50	ANT-RECEPT	1	27	331-4092-10	MECH BRKT (R)	1
11	941-0236-00	TUNER PACK	1	28	331-4091-10	MECH BRKT (L)	1
12	331-4549-00	ANT HOLDER	1	29	716-3552-00	MACHINE SCREW (M2.3x2.5)	6
13	331-4548-00	IC HOLDER	1	30	331-4193-20	SU-PLATE	2
14	331-4547-00	SOCKET HOLDER	1	31	780-2603-06	IT SCREW (M2.6x3)	2
15	714-2606-8B	MACHINE SCREW (M2.6x6)	20	32	780-2604-51	SP SCREW (M2.6x4)	1
16	778-3006-00	TAP-SCREW (3x6)	4	33	335-3700-00	MINI SADDLE (ES)	1
17	854-8264-50	HERNESS	1	34	335-3701-00	MINI SADDLE (Main)	1
18	311-1986-00	LOWER CASE	1	35	347-8736-00	PROTECTOR	1
19	309-1903-10	ES PLATE	1	36	716-0778-51	WAVE SCREW	2
20	816-4055-50	FLAT WIRE (CD)	1	37	347-8748-00	PROTECTOR	1
				38	-----	ESCUTCHEON SECTION (Refer to page 5)	1

ELECTRICAL PARTS LIST

Main PWB section (B1)

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

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT101	092-0702-50	ANT-RECEPT	C395	168-1032-55	0.01uF K	D772	001-0347-39	MA4068H
BL101	941-0236-00	AM/FM TUNER	C396	163-1053-65	50V 1uF	D801	001-0592-00	RM4Z
C108	166-8201-50	82pF CH	C397	042-1624-00	16V 4700uF	D851	001-4301-68	HZU18B1
C121	166-1801-50	18pF CH	C398	163-1063-35	16V 10uF	IC104	051-3519-90	NJU7771F05-TE2
C122	166-2211-50	220pF CH	C399	163-1053-65	50V 1uF	IC121	051-6212-18	LC72191JM-UC
C123	043-0554-90	25V 10uF	C400	166-2201-50	22pF CH	IC241	051-3367-90	NJU7780U1-33-TE2
C126	163-1063-35	16V 10uF	C401	166-3911-50	390pF CH	IC272	051-3334-00	NJM2396F09
C127	166-1007-50	10pF CH	C402	043-0570-90	16V 2.2uF K	IC351	051-3034-90	NJM4558V
C129	168-2232-55	0.022uF K	C403	168-5632-78	16V 0.056uF K	IC352	051-3034-90	NJM4558V
C130	168-2232-55	0.022uF K	C404	043-0570-90	16V 2.2uF K	IC391	051-2040-00	TA8276H
C131	188-4763-38	16V 47uF	C405	188-1063-38	16V 10uF	IC401	051-5046-90	CL7639V20
C132	163-1063-35	16V 10uF	C406	188-1073-28	10V 100uF	IC501	052-3227-31	M30622MGP-E82GP
C133	168-2232-55	0.022uF K	C407	168-1042-78	16V 0.1uF K	IC502	051-0869-58	NJM2103M
C138	168-1052-78	16V 1uF K	C408	166-3911-50	390pF CH	IC503	051-9402-68	BR93L56F-W
C142	168-4732-78	0.047uF K	C409	043-0570-90	16V 2.2uF K	IC504	051-6600-58	HA12187FP
C143	168-4732-78	0.047uF K	C410	168-5632-78	16V 0.056uF K	IC741	051-3369-00	NJM2388F84
C144	043-0548-50	10V 2.2uF	C411	043-0570-90	16V 2.2uF K	J241	074-1237-69	19P
C151	168-2232-55	0.022uF K	C412	168-1042-78	16V 0.1uF K	J701	074-1194-00	13P CE-NET
C153	168-2232-55	0.022uF K	C417	178-4742-78	0.47uF	J721	074-1302-08	8P
C160	168-1042-78	16V 0.1uF K	C418	168-4722-55	4700pF K	J801	074-4007-20	20P
C169	168-1522-55	1500pF K	C419	178-4742-78	0.47uF	L104	010-2003-04	30uH
C212	188-4763-38	16V 47uF	C420	168-4722-55	4700pF K	L122	010-6009-76	22uH J
C222	168-1042-78	16V 0.1uF K	C421	178-4742-78	0.47uF	L135	010-6009-76	22uH J
C241	168-2232-55	0.022uF K	C422	168-4722-55	4700pF K	L501	010-6009-76	22uH J
C243	188-4763-38	16V 47uF	C423	178-4742-78	0.47uF	L502	010-6009-76	22uH J
C244	168-1042-78	16V 0.1uF K	C424	168-4722-55	4700pF K	L801	010-8026-00	210uH
C245	168-1042-78	16V 0.1uF K	C501	168-1042-78	16V 0.1uF K	P501	076-3011-74	24P
C274	189-2273-29	10V 220uF	C502	188-4763-18	6.3V 47uF	Q106	125-2026-91	UNR5211G
C276	043-0328-90	0.1uF	C503	168-1032-55	0.01uF K	Q107	125-2026-91	UNR5211G
C301	178-1052-78	1uF	C504	168-1032-55	0.01uF K	Q241	125-0021-91	DTA114EUA
C302	178-1052-78	1uF	C505	168-1032-55	0.01uF K	Q241	125-0025-92	RN2303
C305	178-1052-78	1uF	C506	168-1042-78	16V 0.1uF K	Q241	125-0034-92	RT1P141M
C306	178-1052-78	1uF	C507	188-1053-68	50V 1uF	Q242	125-2027-91	DTC114EUA
C307	178-1052-78	1uF	C509	168-1022-55	1000pF K	Q242	125-2032-92	RN1302
C308	178-1052-78	1uF	C510	168-1022-55	1000pF K	Q242	125-2041-92	RT1N141M
C309	168-8232-78	0.082uF K	C511	168-1042-78	16V 0.1uF K	Q243	193-0601-00	2SD601A
C310	168-8232-78	0.082uF K	C512	168-1032-55	0.01uF K	Q244	192-4116-51	2SC4116 G,L
C311	188-2253-68	50V 2.2uF	C513	189-1073-29	10V 100uF	Q244	192-4155-51	2SC4155A
C312	188-2253-68	50V 2.2uF	C514	168-1042-78	16V 0.1uF K	Q244	193-1819-50	2SD1819
C313	188-2253-68	50V 2.2uF	C515	166-1011-50	100pF CH	Q245	125-2027-91	DTC114EUA
C314	188-2253-68	50V 2.2uF	C516	188-1063-38	16V 10uF	Q245	125-2032-92	RN1302
C318	168-1522-55	1500pF K	C517	042-0559-00	5.5V 0.1F	Q245	125-2041-92	RT1N141M
C319	168-1522-55	1500pF K	C722	168-1042-78	16V 0.1uF K	Q246	125-0021-91	DTA114EUA
C334	166-4711-50	470pF CH	C731	172-1041-15	0.1uF	Q246	125-0025-92	RN2303
C335	166-4711-50	470pF CH	C732	188-1053-68	50V 1uF	Q246	125-0034-92	RT1P141M
C336	166-4711-50	470pF CH	C741	043-0328-90	0.1uF	Q247	125-2027-91	DTC114EUA
C337	166-4711-50	470pF CH	C744	188-1073-28	10V 100uF	Q247	125-2032-92	RN1302
C346	188-1073-28	10V 100uF	C761	188-1063-38	16V 10uF	Q247	125-2041-92	RT1N141M
C352	168-1042-78	16V 0.1uF K	C762	188-1063-38	16V 10uF	Q248	198-3018-00	2SK3018
C353	042-1562-15	10V 220uF	C771	188-1073-28	10V 100uF	Q249	198-3018-00	2SK3018
C354	166-2201-50	22pF CH	C772	188-1063-38	16V 10uF	Q391	125-2027-93	DTC144EUA
C355	166-2201-50	22pF CH	C811	172-1041-15	0.1uF	Q502	190-2071-00	2SA2071
C356	166-1007-50	10pF CH	C821	188-1063-38	16V 10uF	Q503	192-4116-51	2SC4116 G,L
C357	166-1007-50	10pF CH	CCT501	050-0140-54	1/32W 1k ohm x4J	Q503	192-4155-51	2SC4155A
C358	188-1063-38	16V 10uF	CCT504	050-0140-54	1/32W 1k ohm x4J	Q503	193-1819-50	2SD1819
C359	188-1063-38	16V 10uF	CCT505	050-0140-54	1/32W 1k ohm x4J	Q504	192-4116-51	2SC4116 G,L
C360	188-1063-38	16V 10uF	D106	001-0580-90	1SS352	Q504	192-4155-51	2SC4155A
C361	188-1063-38	16V 10uF	D391	001-0580-90	1SS352	Q504	193-1819-50	2SD1819
C362	166-2201-50	22pF CH	D505	001-0580-90	1SS352	Q505	192-4116-51	2SC4116 G,L
C363	163-1063-35	16V 10uF	D506	001-2403-90	M1F60	Q505	192-4155-51	2SC4155A
C364	163-1063-35	16V 10uF	D507	001-4301-25	HZU4.7B1	Q505	193-1819-50	2SD1819
C365	168-1042-78	16V 0.1uF K	D508	001-0466-90	S5688B	Q506	193-2118-50	2SD2118F5 R,S
C367	166-1007-50	10pF CH	D509	001-0504-36	HZS7 A1L	Q701	192-4116-51	2SC4116 G,L
C368	163-1063-35	16V 10uF	D701	001-0424-31	MA4180	Q701	192-4155-51	2SC4155A
C369	166-2201-50	22pF CH	D702	001-0424-31	MA4180	Q701	193-1819-50	2SD1819
C370	163-1063-35	16V 10uF	D703	001-0424-31	MA4180	Q711	190-2071-00	2SA2071
C371	166-1007-50	10pF CH	D711	001-0466-90	S5688B	Q712	192-4116-51	2SC4116 G,L
C391	168-1042-78	16V 0.1uF K	D712	001-0466-90	S5688B	Q712	192-4155-51	2SC4155A
C392	168-1042-78	16V 0.1uF K	D731	001-0466-90	S5688B	Q712	193-1819-50	2SD1819
C393	168-1042-78	16V 0.1uF K	D761	001-0504-40	HZS7 B3L	Q761	192-5810-00	2SC5810 TE12L
C394	168-1042-78	16V 0.1uF K	D771	001-0347-44	MA4082M	Q762	125-0021-91	DTA114EUA

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

One of those parts is used in the set.

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

PS3224D : PS-3224D-A , PS3225D : 3225D-A.

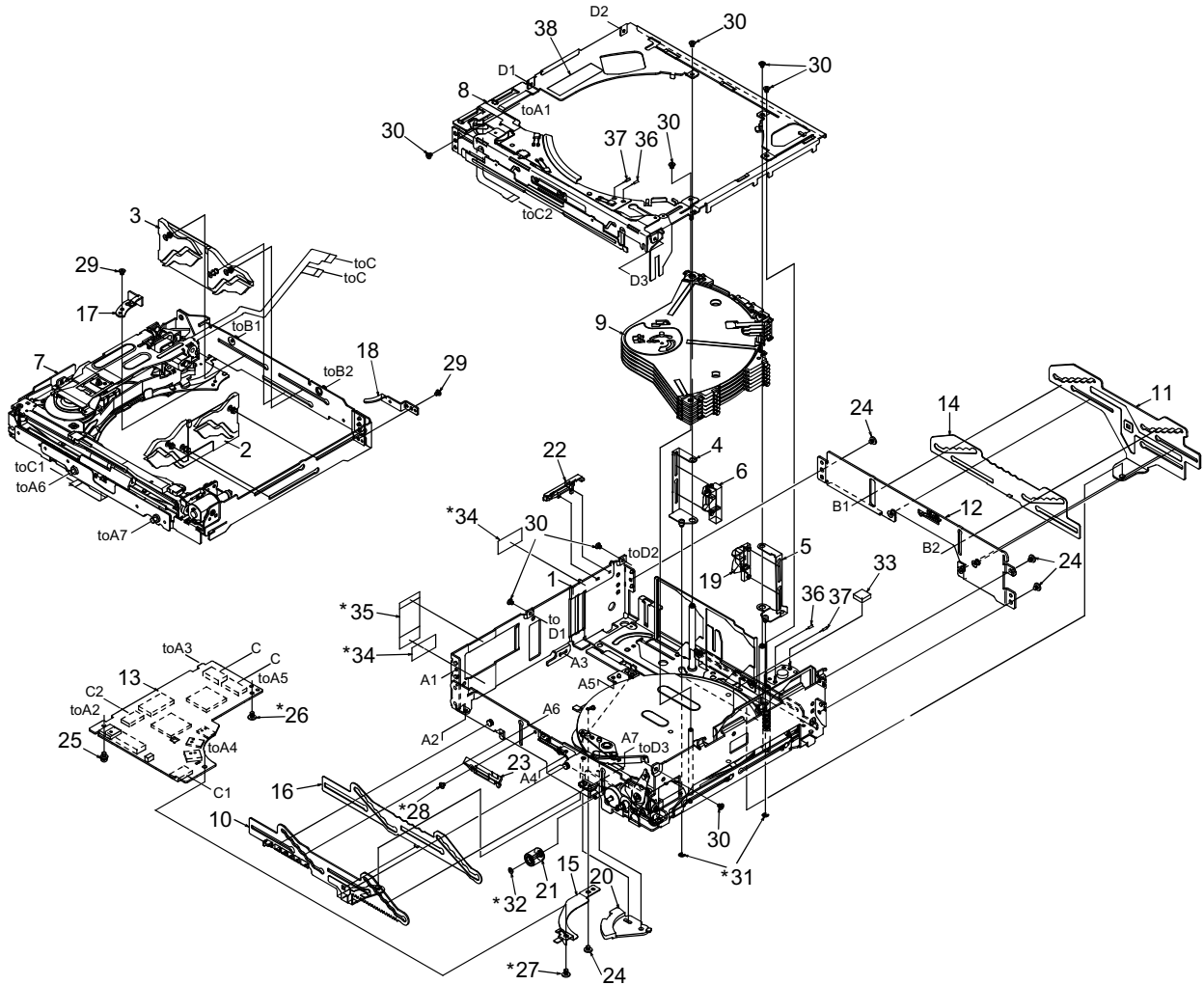
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
Q762	125-0025-92	RN2303	R354	032-0140-50	1/10W 10k ohm F	R552	117-6821-15	1/8W 6.8k ohm
Q762	125-0034-92	RT1P141M	R355	032-0140-50	1/10W 10k ohm F	R553	119-4731-15	1/10W 47k ohm
Q763	125-2027-91	DTC114EUA	R356	032-0140-50	1/10W 10k ohm F	R554	119-4731-15	1/10W 47k ohm
Q763	125-2032-92	RN1302	R357	032-0140-50	1/10W 10k ohm F	R555	119-5621-15	1/10W 5.6k ohm
Q763	125-2041-92	RT1N141M	R358	032-0140-50	1/10W 10k ohm F	R556	119-1021-15	1/10W 1k ohm
Q771	192-5886-00	2SC5886	R359	032-0140-50	1/10W 10k ohm F	R557	119-4731-15	1/10W 47k ohm
Q773	192-4116-51	2SC4116 G,L	R360	032-0140-50	1/10W 10k ohm F	R558	119-1031-15	1/10W 10k ohm
Q773	192-4155-51	2SC4155A	R362	032-0140-50	1/10W 10k ohm F	R568	119-4731-15	1/10W 47k ohm
Q773	193-1819-50	2SD1819	R363	032-0140-50	1/10W 10k ohm F	R570	119-4731-15	1/10W 47k ohm
Q775	192-4116-51	2SC4116 G,L	R364	032-0140-50	1/10W 10k ohm F	R572	119-4731-15	1/10W 47k ohm
Q775	192-4155-51	2SC4155A	R365	032-0140-50	1/10W 10k ohm F	R573	119-4731-15	1/10W 47k ohm (PS3225 ONLY)
Q775	193-1819-50	2SD1819	R368	032-0140-50	1/10W 10k ohm F	R574	119-4731-15	1/10W 47k ohm (PS3224 ONLY)
Q776	125-0021-91	DTA114EUA	R370	032-0140-50	1/10W 10k ohm F	R575	119-4731-15	1/10W 47k ohm
Q776	125-0025-92	RN2303	R371	032-0140-50	1/10W 10k ohm F	R578	119-4721-15	1/10W 4.7k ohm
Q776	125-0034-92	RT1P141M	R372	032-0140-50	1/10W 10k ohm F	R579	119-4721-15	1/10W 4.7k ohm
Q777	125-2027-91	DTC114EUA	R391	119-5631-15	1/10W 56k ohm	R701	116-1211-15	1/4W 120 ohm
Q777	125-2032-92	RN1302	R392	119-1221-15	1/10W 1.2k ohm	R702	116-6801-15	1/4W 68 ohm
Q777	125-2041-92	RT1N141M	R393	119-2221-15	1/10W 2.2k ohm	R703	119-2231-15	1/10W 22k ohm
Q821	190-2071-00	2SA2071	R394	119-2221-15	1/10W 2.2k ohm	R704	119-2231-15	1/10W 22k ohm
Q822	192-4116-51	2SC4116 G,L	R395	119-2221-15	1/10W 2.2k ohm	R711	116-2221-15	1/4W 2.2k ohm
Q822	192-4155-51	2SC4155A	R396	119-2221-15	1/10W 2.2k ohm	R712	117-1031-15	1/8W 10k ohm
Q822	193-1819-50	2SD1819	R397	119-1031-15	1/10W 10k ohm	R713	116-2221-15	1/4W 2.2k ohm
R107	119-5131-15	1/10W 51k ohm	R400	119-1031-15	1/10W 10k ohm	R714	119-1031-15	1/10W 10k ohm
R121	119-4731-15	1/10W 47k ohm	R401	119-2731-15	1/10W 27k ohm	R715	119-3321-15	1/10W 3.3k ohm
R123	119-0000-05	1/10W 0 ohm JW	R402	119-2021-15	1/10W 2k ohm	R726	119-1021-15	1/10W 1k ohm
R125	119-0000-05	1/10W 0 ohm JW	R403	119-2731-15	1/10W 27k ohm	R731	116-5621-15	1/4W 5.6k ohm
R126	119-4731-15	1/10W 47k ohm	R404	119-2021-15	1/10W 2k ohm	R732	116-4721-15	1/4W 4.7k ohm
R127	119-4731-15	1/10W 47k ohm	R405	119-0000-05	1/10W 0 ohm JW	R761	032-0092-56	1/8W 22k ohm F
R128	119-1011-15	1/10W 100 ohm	R502	119-4721-15	1/10W 4.7k ohm	R762	032-0092-31	1/8W 150k ohm F
R129	119-4731-15	1/10W 47k ohm	R503	119-4721-15	1/10W 4.7k ohm	R763	032-0092-51	1/8W 1k ohm F
R130	119-0000-05	1/10W 0 ohm JW	R504	119-4721-15	1/10W 4.7k ohm	R764	119-1221-15	1/10W 1.2k ohm
R131	119-0000-05	1/10W 0 ohm JW	R510	119-4721-15	1/10W 4.7k ohm	R771	119-0000-05	1/10W 0 ohm JW
R132	119-1011-15	1/10W 100 ohm	R511	119-4721-15	1/10W 4.7k ohm	R772	119-2231-15	1/10W 22k ohm
R134	119-0000-05	1/10W 0 ohm JW	R512	119-4721-15	1/10W 4.7k ohm	R773	116-1021-15	1/4W 1k ohm
R139	119-5621-15	1/10W 5.6k ohm	R513	119-4721-15	1/10W 4.7k ohm	R774	119-2231-15	1/10W 22k ohm
R140	119-5621-15	1/10W 5.6k ohm	R514	119-1021-15	1/10W 1k ohm	R779	116-1821-15	1/4W 1.8k ohm
R242	119-4731-15	1/10W 47k ohm	R515	119-1041-15	1/10W 100k ohm	R780	117-1821-15	1/8W 1.8k ohm
R243	119-1021-15	1/10W 1k ohm	R516	119-1041-15	1/10W 100k ohm	R781	119-0000-05	1/10W 0 ohm JW
R245	119-3331-15	1/10W 33k ohm	R517	116-1001-15	1/4W 10 ohm	R793	119-0000-05	1/10W 0 ohm JW
R246	119-4731-15	1/10W 47k ohm	R520	119-4731-15	1/10W 47k ohm	R801	119-0000-05	1/10W 0 ohm JW
R248	119-1041-15	1/10W 100k ohm	R521	119-4731-15	1/10W 47k ohm	R802	119-0000-05	1/10W 0 ohm JW
R250	119-3331-15	1/10W 33k ohm	R522	119-4731-15	1/10W 47k ohm	R821	116-1031-15	1/4W 10k ohm
R253	119-4731-15	1/10W 47k ohm	R525	119-0000-05	1/10W 0 ohm JW	R822	119-3321-15	1/10W 3.3k ohm
R255	119-3331-15	1/10W 33k ohm	R527	119-4721-15	1/10W 4.7k ohm	R823	119-1031-15	1/10W 10k ohm
R256	119-0000-05	1/10W 0 ohm JW	R528	032-0140-66	1/10W 220 ohm F	R824	116-2221-15	1/4W 2.2k ohm
R258	119-4731-15	1/10W 47k ohm	R529	119-1031-15	1/10W 10k ohm	R825	116-2221-15	1/4W 2.2k ohm
R271	119-4731-15	1/10W 47k ohm	R531	119-1031-15	1/10W 10k ohm	R826	119-8221-15	1/10W 8.2k ohm
R276	119-0000-05	1/10W 0 ohm JW	R532	119-4721-15	1/10W 4.7k ohm	R902	119-0000-05	1/10W 0 ohm JW
R301	119-1021-15	1/10W 1k ohm	R533	119-4721-15	1/10W 4.7k ohm	R907	119-0000-05	1/10W 0 ohm JW (PS3224 ONLY)
R302	119-1021-15	1/10W 1k ohm	R534	119-1021-15	1/10W 1k ohm	R908	119-0000-05	1/10W 0 ohm JW (PS3225 ONLY)
R305	119-1021-15	1/10W 1k ohm	R535	119-1031-15	1/10W 10k ohm	SUP101	060-0122-20	DSP-141N-S00B
R306	119-1021-15	1/10W 1k ohm	R536	119-2221-15	1/10W 2.2k ohm	TC121	004-1580-10	30pF GRN
R307	119-1021-15	1/10W 1k ohm	R537	119-1031-15	1/10W 10k ohm	TH711	002-0318-21	THERMISTOR
R308	119-1021-15	1/10W 1k ohm	R538	119-1031-15	1/10W 10k ohm	TM101	073-0762-90	TERMINAL
R309	119-1021-15	1/10W 1k ohm	R539	119-1031-15	1/10W 10k ohm	TM501	073-0762-90	TERMINAL
R310	119-1021-15	1/10W 1k ohm	R540	119-4731-15	1/10W 47k ohm	TM502	073-0762-90	TERMINAL
R311	119-5631-15	1/10W 56k ohm	R541	119-5621-15	1/10W 5.6k ohm	TM801	073-0762-90	TERMINAL
R312	119-5631-15	1/10W 56k ohm	R542	119-2231-15	1/10W 22k ohm	TM802	073-0762-90	TERMINAL
R313	119-5631-15	1/10W 56k ohm	R543	119-1031-15	1/10W 10k ohm	X121	061-1066-00	7.2MHz
R314	119-5631-15	1/10W 56k ohm	R544	119-4731-15	1/10W 47k ohm	X501	060-1533-90	CSTCE10M0G52-RO
R323	119-0000-05	1/10W 0 ohm JW	R545	119-6831-15	1/10W 68k ohm	PWB	039-3429-00	PWB(WITHOUT COMPONENTS)
R324	119-0000-05	1/10W 0 ohm JW	R546	119-1021-15	1/10W 1k ohm			
R325	119-0000-05	1/10W 0 ohm JW	R547	119-1021-15	1/10W 1k ohm			
R326	119-0000-05	1/10W 0 ohm JW	R548	119-1031-15	1/10W 10k ohm			
R351	119-8211-15	1/10W 820 ohm	R549	119-3341-15	1/10W 330k ohm			
R352	119-1021-15	1/10W 1k ohm	R550	032-0140-22	1/10W 68k ohm F			
R353	032-0140-50	1/10W 10k ohm F	R551	032-0140-00	1/10W 56k ohm F			

Switch PWB section (B2)

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF K	D922	001-7094-91	VFR1112H-TR	R922	119-1841-15	1/10W 180k ohm
C901	168-1042-78	16V 0.1uF K	D923	001-7094-91	VFR1112H-TR	R923	119-1841-15	1/10W 180k ohm
C902	168-1042-78	16V 0.1uF K	IC901	051-6084-00	NJU6625FG1-03	R924	119-1841-15	1/10W 180k ohm
C903	168-1042-78	16V 0.1uF K	J1	075-9024-00	MINI-JACK	R925	119-2711-15	1/10W 270 ohm
C904	168-1042-78	16V 0.1uF K	J901	074-3013-74	24P	R926	119-2711-15	1/10W 270 ohm
C905	168-1042-78	16V 0.1uF K	L901	010-3406-66	22uH J	R927	119-3011-15	1/10W 300 ohm
C906	178-1052-78	1uF	LCD901	379-1429-50	INDICATOR	R928	119-2711-15	1/10W 270 ohm
D901	001-0580-90	1SS352	P1	076-6020-05	5P	R929	119-2711-15	1/10W 270 ohm
D902	001-0580-90	1SS352	PL901	017-0508-00	14V 40mA (RED)	R930	119-3011-15	1/10W 300 ohm
D903	001-0580-90	1SS352	PL902	017-0508-00	14V 40mA (RED)	R931	119-2711-15	1/10W 270 ohm
D904	001-0580-90	1SS352	PL903	017-0508-00	14V 40mA (RED)	R932	119-2711-15	1/10W 270 ohm
D905	001-7094-91	VFR1112H-TR	PL904	017-0508-00	14V 40mA (RED)	R933	119-3011-15	1/10W 300 ohm
D906	001-7094-91	VFR1112H-TR	PL905	017-0508-00	14V 40mA (RED)	R934	119-2711-15	1/10W 270 ohm
D907	001-7094-91	VFR1112H-TR	PL907	017-0508-00	14V 40mA (RED)	R935	119-2711-15	1/10W 270 ohm
D908	001-7094-91	VFR1112H-TR	PL908	017-0508-00	14V 40mA (RED)	R936	119-3011-15	1/10W 300 ohm
D909	001-7094-91	VFR1112H-TR	R1	119-0000-05	1/10W 0 ohm JW	R937	119-2711-15	1/10W 270 ohm
D910	001-7094-91	VFR1112H-TR	R901	119-0000-05	1/10W 0 ohm JW	R938	119-2711-15	1/10W 270 ohm
D911	001-7094-91	VFR1112H-TR	R902	119-0000-05	1/10W 0 ohm JW	R939	119-3011-15	1/10W 300 ohm
D912	001-7094-91	VFR1112H-TR	R907	119-0000-05	1/10W 0 ohm JW	R940	119-0000-05	1/10W 0 ohm JW
D913	001-7094-91	VFR1112H-TR	R908	119-0000-05	1/10W 0 ohm JW	R941	119-2711-15	1/10W 270 ohm
D914	001-0580-90	1SS352	R909	119-0000-05	1/10W 0 ohm JW	R942	119-2711-15	1/10W 270 ohm
D915	001-7094-91	VFR1112H-TR	R910	119-0000-05	1/10W 0 ohm JW	R943	119-3011-15	1/10W 300 ohm
D916	001-7094-91	VFR1112H-TR	R914	119-0000-05	1/10W 0 ohm JW	TH901	002-0315-00	TN10-3U153JT
D917	001-7094-91	VFR1112H-TR	R917	119-0000-05	1/10W 0 ohm JW	VR901	016-0018-17	ROTALY ENCODER
D918	001-7094-91	VFR1112H-TR	R918	119-4341-15	1/10W 430k ohm	VR902	016-0018-17	ROTALY ENCODER
D919	001-7094-91	VFR1112H-TR	R919	119-1021-15	1/10W 1k ohm	PWB	039-3434-01	PWB(WITHOUT COMPONENTS)
D920	001-7094-91	VFR1112H-TR	R920	119-1021-15	1/10W 1k ohm			
D921	001-7094-91	VFR1112H-TR	R921	119-1841-15	1/10W 180k ohm			

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	NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	LOWER UNIT ASSY	1	20	621-1812-20	SW LINK	1
2	HBS-617-100	KUSABI-ASSY-S	1	21	621-1765-20	UD-GEAR-D	1
3	HBS-618-100	KUSABI-ASSY-R	1	22	621-1715-20	FPC-STOPPER	1
4	966-1846-20	DS-SP-ASSY L	1	23	621-1736-20	UD-GEAR-B	1
5	966-1847-21	DS-SP ASSY R	1	24	716-1850-01	SCREW(M2.0x2)	4
6	966-0667-21	DISC STP-ASSY L	1	25	716-3598-00	SCREW(M2.0x4)	1
7	966-1844-21	DRIVE-CH UNIT	1	26	716-3599-00	SCREW(M2.0x2 sealock)	1
8	966-1840-22	UPPER UNIT ASSY	1	27	716-3600-00	SCREW(M2.0x3 sealock)	1
9	HBS-602-100	DISCHOLDER UNIT	1	28	716-3601-00	SCREW(M1.7x2 sealock)	1
10	966-1771-21	SLIDE-P-ASSY	1	29	716-3450-00	SCREW(M1.7x2.0)	2
11	966-1814-21	SLIDE-P-ASSY-R	1	30	716-3451-01	SCREW(M1.7x2.5)	8
12	966-1874-20	REAR-P-ASSY R	1	31	744-0045-01	C-RING	2
13	HBS-631-100	CD PWB ASSY	1	32	746-0761-00	WASHER	1
14	620-1662-21	GAP PLATE R	1	33	345-5824-00	RUBBER PART	1
15	620-1640-20	SW-H-PLATE	1	34	347-8230-00	PROTECT SHEET	2
16	620-1778-21	GAP PLATE F	1	35	347-8219-00	FPC-SHEET N	1
17	620-1685-21	DS-PLATE L	1	36	800-4921-60	VINYL-COAT-WIRE(BLAK)	1
18	620-1686-20	DS-PLATE R	1	37	802-4921-60	VINYL-COAT-WIRE(RED)	1
19	621-1815-20	DISC STOPPER R	1	38	293-8575-00	MECH LABEL	1

Lower unit assy section

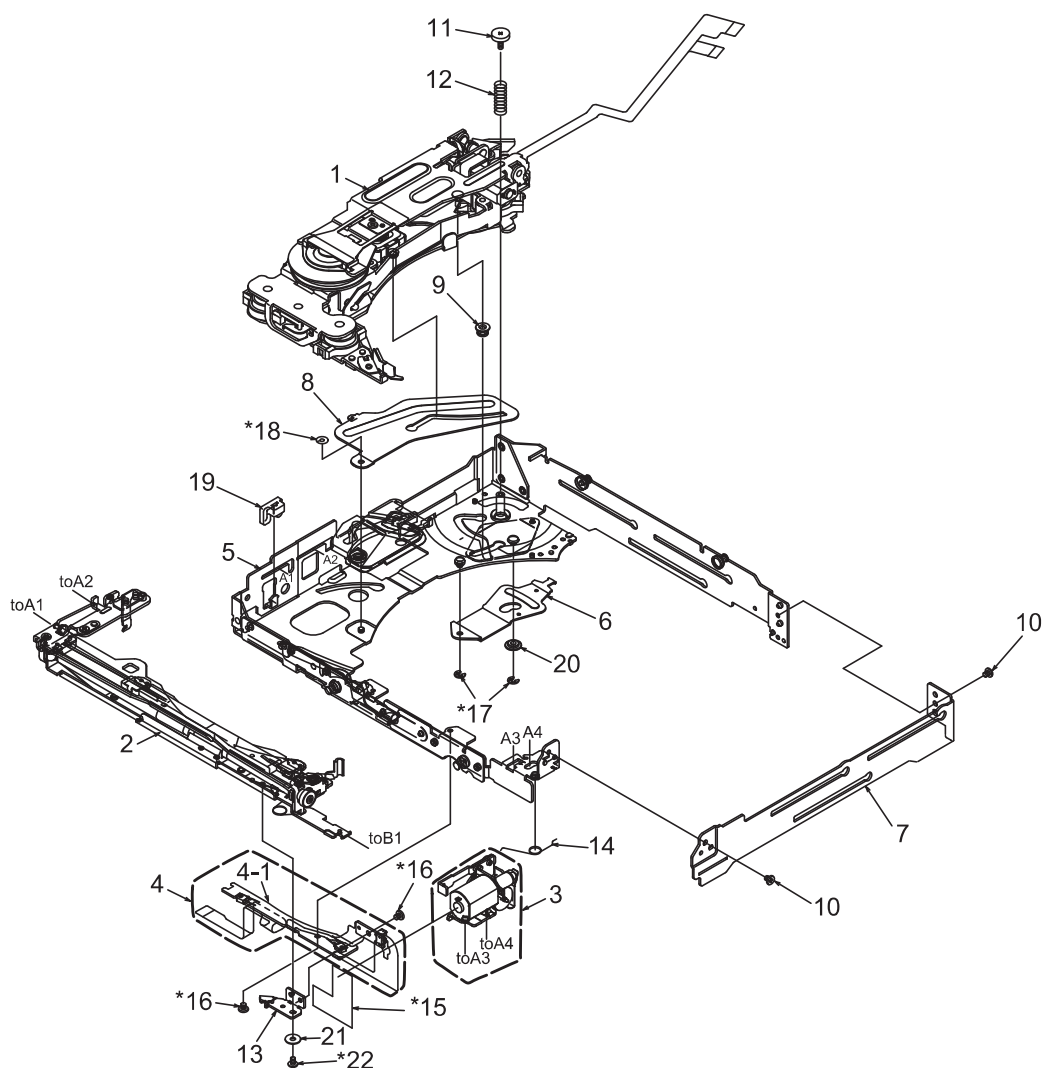
This exploded view diagram illustrates the lower unit assembly section. The main chassis (1) is the central component, with various parts shown in their relative positions for assembly. Key components include:

- 18**: Upper plate with mounting points labeled *toA1*, *toA2*, and *toA3*.
- 11**: Circular component with a central hub, secured by a screw **21**.
- 4**: L-shaped bracket with a screw **2**.
- 5**: Small bracket with two screws **21**.
- 3**: L-shaped bracket with a screw **2**.
- 10**: Bracket with a screw **15** and a label *toA4*.
- 7**: Motor assembly with a screw **16** and a label *toA5*.
- 8**: Bracket with a screw **20** and a label *toA6*.
- 9**: Bracket with a screw **19** and a label *toA7*.
- 13**: Long bracket with a screw **17**.
- 14**: Small bracket with a screw **14**.
- 15**: Small bracket with a screw **15**.
- 16**: Small bracket with a screw **16**.
- 17**: Small bracket with a screw **17**.
- 19**: Small bracket with a screw **19**.
- 20**: Small bracket with a screw **20**.
- 21**: Small bracket with a screw **21**.
- 22**: Small bracket with a screw **22**.

Assembly points are indicated by labels *toA1*, *toA2*, *toA3*, *toA4*, *toA5*, *toA6*, and *toA7*.

929-0420-80

Drive-CH unit section

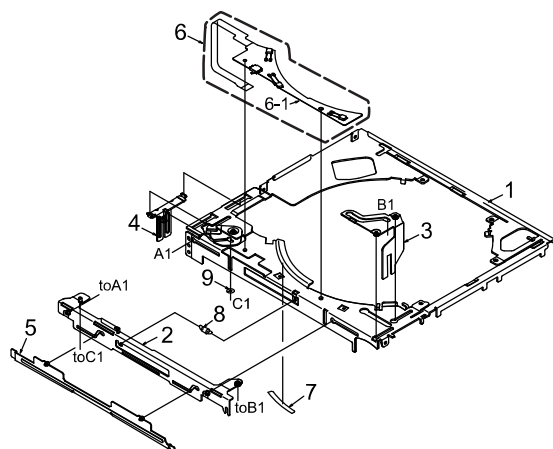


* Do not reuse the following parts.
(No.15,16,17,18,22)

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



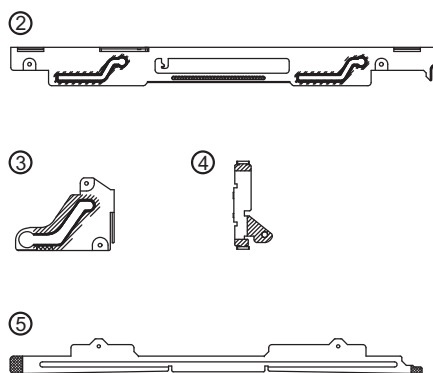
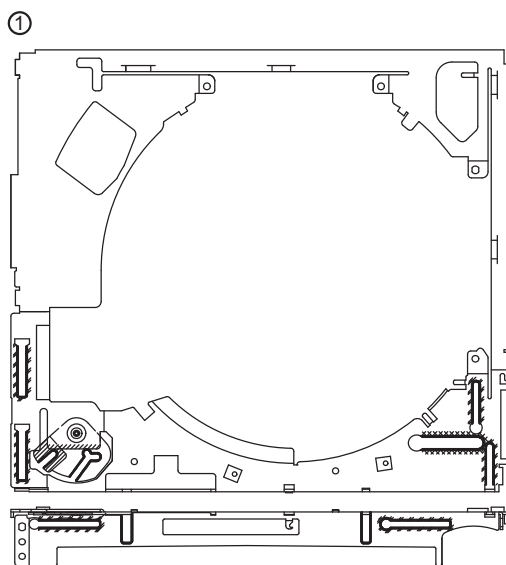
* Do not reuse the following parts.
(No.6,7,9)

NO.	PART NO.	DESCRIPTION	QTY
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	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1052-78	16V 1uF	C13	168-1052-78	16V 1uF	C22	168-1052-78	16V 1uF
C3	168-1042-78	16V 0.1uF	C14	168-1042-78	16V 0.1uF	C25	168-4732-78	0.047uF K
C4	043-0559-90	6.3V 22uF	C15	168-1052-78	16V 1uF	C26	166-4711-50	470pF CH
C5	168-1032-55	0.01uF K	C16	043-0559-90	6.3V 22uF	C27	168-1052-78	16V 1uF
C6	042-1702-90	6.3V 100uF	C17	168-1032-55	0.01uF K	C28	168-4732-78	0.047uF K
C7	168-1052-78	16V 1uF	C18	168-1052-78	16V 1uF	C29	166-4711-50	470pF CH
C9	168-1052-78	16V 1uF	C19	043-0559-90	6.3V 22uF	C30	166-1007-50	10pF CH
C11	168-1052-78	16V 1uF	C20	168-1042-78	16V 0.1uF	C31	166-1007-50	10pF CH
C12	042-0671-01	10V 47uF TA	C21	168-1032-55	0.01uF K	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	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C33	168-2222-55	2200pF K	IC3	051-6733-00	TC94A73MFG-201	R30	119-4701-15	1/10W 47 ohm
C34	168-1042-78	16V 0.1uF	IC4	051-6060-08	BD7961FM-E2	R31	119-2201-15	1/10W 22 ohm
C35	168-1042-78	16V 0.1uF	IC5	051-5452-90	BD5235G	R32	119-1051-15	1/10W 1M ohm
C36	168-1042-78	16V 0.1uF	IC8	051-9402-78	BR93L56RFVM-W	R33	119-2211-15	1/10W 220 ohm
C37	168-6822-55	6800pF K	IC9	051-6072-08	BD7931FE2	R34	119-4731-15	1/10W 47k ohm
C39	168-1042-78	16V 0.1uF	IC10	051-5833-00	GP1S093HCZ	R35	119-1051-15	1/10W 1M ohm
C40	168-3332-78	0.033uF K	IC11	051-3392-90	S-1323B15NB-N8ATFG	R36	119-4721-15	1/10W 4.7k ohm
C41	168-1042-78	16V 0.1uF				R37	119-4731-15	1/10W 47k ohm
C42	168-1042-78	16V 0.1uF	J1	074-1237-69	SOCKET 19P	R38	119-2231-15	1/10W 22k ohm
C43	168-1042-78	16V 0.1uF	J2	074-1201-65	SOCKET 15P	R39	119-1041-15	1/10W 100k ohm
C45	168-1042-78	16V 0.1uF	J3	074-1138-56	SOCKET 6P	R40	119-4721-15	1/10W 4.7k ohm
C46	168-1042-78	16V 0.1uF	J4	074-1100-61	SOCKET 11P	R41	119-4731-15	1/10W 47k ohm
C48	168-1042-78	16V 0.1uF	J5	074-1201-61	SOCKET 11P	R42	032-0140-16	1/10W 180k ohm F
C49	168-1042-78	16V 0.1uF	Q1	060-0252-01	PT4850F	R43	119-4731-15	1/10W 47k ohm
C50	168-1042-78	16V 0.1uF	Q2	125-0021-91	DTA114EUA	R44	119-2201-15	1/10W 22 ohm
C51	168-1042-78	16V 0.1uF	Q3	198-3018-00	2SK3018	R45	119-1511-15	1/10W 150 ohm
C52	168-5622-55	5600pF K	Q4	190-2060-00	2SA2060	R46	119-4721-15	1/10W 4.7k ohm
C53	168-1042-78	16V 0.1uF	Q8	190-2060-00	2SA2060	R47	032-0140-96	1/10W 120k ohm F
C54	166-6801-50	68pF CH	Q9	125-9026-90	IMF29	R48	119-1041-15	1/10W 100k ohm
C55	168-1532-55	0.015uF K	Q10	125-2027-91	DTC114EUA	R50	119-2211-15	1/10W 220 ohm
C56	168-1042-78	16V 0.1uF	Q11	125-0021-91	DTA114EUA	R51	119-0000-05	1/10W 0 ohm JW
C57	168-1032-55	0.01uF K	Q12	125-2027-91	DTC114EUA	R52	119-1041-15	1/10W 100k ohm
C58	168-1042-78	16V 0.1uF	Q13	125-9026-90	IMF29	R53	119-5621-15	1/10W 5.6k ohm
C59	168-1042-78	16V 0.1uF	R1	119-6811-15	1/10W 680 ohm	R55	119-3341-15	1/10W 330k ohm
C60	168-1522-55	1500pF K	R2	119-6811-15	1/10W 680 ohm	R56	119-4731-15	1/10W 47k ohm
C61	168-3322-55	3300pF K	R3	032-0163-91	1/2W 10 ohm	R57	119-2231-15	1/10W 22k ohm
C62	168-1032-55	0.01uF K	R4	032-0163-91	1/2W 10 ohm	R58	119-2211-15	1/10W 220 ohm
C64	168-1042-78	16V 0.1uF	R5	119-2231-15	1/10W 22k ohm	R59	119-1511-15	1/10W 150 ohm
C65	168-1032-55	0.01uF K	R6	116-1001-15	1/4W 10 ohm	R60	119-4731-15	1/10W 47k ohm
C67	168-1032-55	0.01uF K	R7	119-1021-15	1/10W 1k ohm	R61	119-1041-15	1/10W 100k ohm
C69	168-1532-55	0.015uF K	R8	116-1591-15	1/4W 1.5 ohm	R62	119-1041-15	1/10W 100k ohm
C70	166-4701-50	47pF CH	R9	119-2231-15	1/10W 22k ohm	R63	119-1041-15	1/10W 100k ohm
C71	168-1042-78	16V 0.1uF	R10	119-4711-15	1/10W 470 ohm	R64	119-1011-15	1/10W 100 ohm
C72	168-1042-78	16V 0.1uF	R11	119-2211-15	1/10W 220 ohm	R65	119-1041-15	1/10W 100k ohm
C74	166-6097-50	6pF CH	R12	119-6811-15	1/10W 680 ohm	R66	117-5611-15	1/8W 560 ohm
C75	168-1042-78	16V 0.1uF	R13	119-1011-15	1/10W 100 ohm	R67	116-3311-15	1/4W 330 ohm
C76	168-5622-55	5600pF K	R14	119-2231-15	1/10W 22k ohm	R68	116-3311-15	1/4W 330 ohm
C77	168-1032-55	0.01uF K	R15	119-8231-15	1/10W 82k ohm	R81	116-1591-15	1/4W 1.5 ohm
C101	043-0563-90	16V 47uF	R16	119-1041-15	1/10W 100k ohm	R101	119-0000-05	1/10W 0 ohm JW
CCT1	050-0145-59	1/16W 22 ohm x4	R17	119-1041-15	1/10W 100k ohm	R102	119-0000-05	1/10W 0 ohm JW
CCT2	050-0145-54	1/16W 47k ohm x4	R18	119-1041-15	1/10W 100k ohm	R103	119-0000-05	1/10W 0 ohm JW
CCT3	050-0145-54	1/16W 47k ohm x4	R19	119-1041-15	1/10W 100k ohm	R201	119-0000-05	1/10W 0 ohm JW
CCT4	050-0145-55	1/16W 10k ohm x4	R20	119-1041-15	1/10W 100k ohm	R212	119-1041-15	1/10W 100k ohm
CCT5	050-0140-55	1/32W 2.2k ohmx4J	R21	119-2221-15	1/10W 2.2k ohm	S1	013-7416-50	SW SPVL110200
D1	001-4301-14	HZU 3.0B1	R22	119-4711-15	1/10W 470 ohm	S2	013-7416-50	SW SPVL110200
D1	001-0529-14	MA8030-L	R23	119-1051-15	1/10W 1M ohm	S3	013-7412-50	SPVG21
D2	001-0367-91	1SS226	R24	119-2211-15	1/10W 220 ohm	S4	013-7415-50	SPVG110400
D3	001-4301-13	HZU 2.7B2	R25	119-2211-15	1/10W 220 ohm	X1	061-3534-90	16.92MHz
D3	001-0529-13	MA8029-H	R26	119-1041-15	1/10W 100k ohm	X3	060-1545-90	20MHz
D4	001-4301-18	HZU 3.6B1	R27	119-1051-15	1/10W 1M ohm	PWB	039-3058-20	PWB(WITHOUT COMPONENT)
D4	001-0529-18	MA8036-L	R28	119-1041-15	1/10W 100k ohm			
IC2	052-5077-01	TMP91CY22IFG	R29	119-1041-15	1/10W 100k ohm			

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)