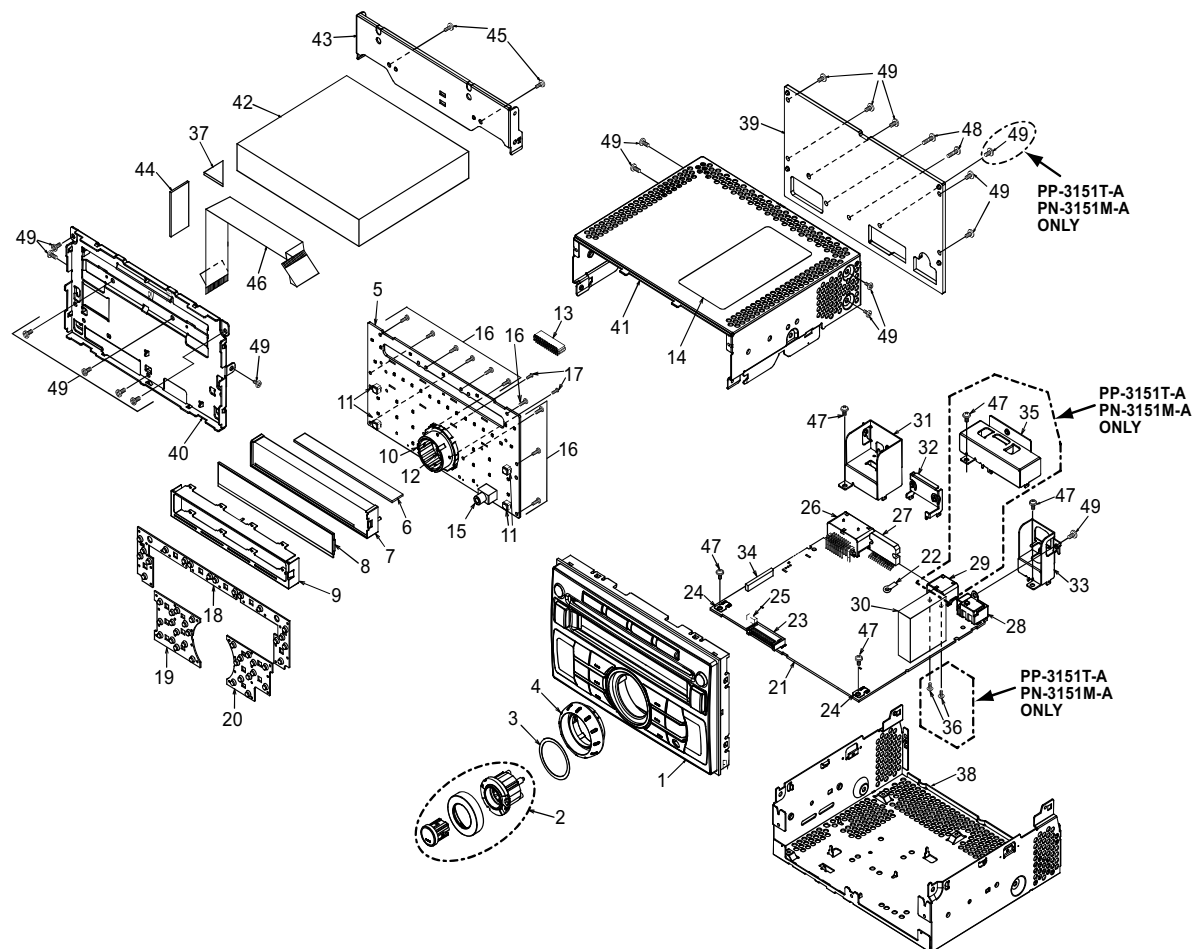


EXPLODED VIEW/PARTS LIST

Main section



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

J-A : PP-3151J-A, J-B : PP-3151J-B, T-A : PP3151T-A, M-A : PN-3151M-A

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8441-20 940-8441-50 940-8441-70	ES-ASSY (J-A/J-B) ES-ASSY (M-A) ES-ASSY (T-A)	1	18	345-6310-00	RUBBER SW (UP)	1
2	947-0591-00	KNOB ASSY	1	19	345-6308-00	RUBBER SW (LH)	1
3	347-7959-00	SHADE	1	20	345-6309-00	RUBBER SW (RH)	1
4	380-5655-00	KNOB	1	21	-----	Main PWB	1
5	-----	Switch PWB	1	22	073-0768-90	TERMINAL (J-A/J-B)	2
6	345-6311-01	RUBBER CONNECT	1	23	076-3011-76	PLUG (26P)	1
7	335-8365-00	LCD-HOLDER	1	24	073-0762-90	TERMINAL	2
8	379-1419-50 379-1419-52	INDICATOR (LCD)(J-A/J-B)(T-A) INDICATOR (LCD) (M-A)	1	25	076-6000-59	PLUG (9P)	1
9	331-4675-01	LCD COVER	1	26	074-4009-20	SOCKET (20P)	1
10	016-7004-00	ROTARY SWITCH	1	27	051-2064-00	IC (TB2926HQ))	1
11	013-6202-52	TACT SWITCH	4	28	092-2210-01	ANT-RECEPT	1
12	013-6201-53	SWITCH	1	29	074-1302-12	SOCKET(12P)(M-A/T-A)	1
13	074-3033-26	SOCKET (26P)	1	30	880-2091M	AM/FM TUNER	1
14	276-0533-02 276-0533-06 276-0533-18 276-0533-20	SETPLATE (J-A) SETPLATE (M-A) SETPLATE (T-A) SETPLATE (J-B)	1	31	331-4679-00	SOCKET HOLDER	1
15	075-0395-01	JACK	1	32	331-4678-00	IC-HOLDER	1
16	716-0778-52	WAVE SCREW (2x6)	10	33	331-4676-00	ANT-HOLDER	1
17	716-0872-51	SCREW (M1.7x5)	2	34	074-2503-79	SOCKET (29P)	1
				35	331-4677-00	SHIELD CASE (M-A/T-A)	1
				36	778-3006-00	SPECIAL SCREW(M3x6) (T-A/M-A)	2

NO.	PART NO.	DESCRIPTION	Q'TY
37	345-5802-00	CUSHION RUBBER	1
38	311-1969-00	LOWER CASE	1
39	313-2052-10 313-2052-70	HEAT SINK (J-A/J-B) HEAT SINK (M-A/T-A)	1
40	309-1885-00	ES-PLATE (1CD)	1
41	310-1889-00	UPPER CASE	1
42	929-5004-82 929-5004-83	CD-MECH-MODULE (T-A/M-A) CD-MECH-MODULE (J-A/J-B)	1
43	331-4123-00	CD BRKT	1

NO.	PART NO.	DESCRIPTION	Q'TY
44	347-8636-00	WIRE SUPPORT	1
45	714-2603-89	MACHINE SCREW (M2.6x3)	2
46	816-4051-50	FLAT WIRE	1
47	716-0878-50	SCREW (M2.6x5)	5
48	735-2614-1B	D-SEMS SCREW (M2.6x14)	2
49	714-2606-8B	MACHINE SCREW (M2.6x6) (J-A/J-B) MACHINE SCREW (M2.6x6) (T-A/M-A)	17 18

ELECTRICAL PARTS LIST

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

Main PWB(B1) section

J-A : PP-3151J-A , J-B : PP-3151J-B , T-A : PP3151T-A , M-A : PN-3151M-A

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
ANT101	092-2210-01	ANT-RECEPT	C307	166-8097-50	8pF +/-0.5pF CH	C368	166-2201-50	22pF CH
BL101	880-2091M	TUNER PACK	C308	168-1022-55	1000pF K	C369	166-2201-50	22pF CH
C101	168-2222-55	2200pF K	C309	163-4753-65	50V 4.7uF	C370	043-0570-90	16V 2.2uF K
		(T-A ONLY)	C310	168-1042-78	16V 0.1uF K	C371	043-0570-90	16V 2.2uF K
C104	166-6801-50	68pF CH	C311	163-4753-65	50V 4.7uF	C372	043-0570-90	16V 2.2uF K
		(J-A/J-B,M-A ONLY)	C312	168-1042-78	16V 0.1uF K	C373	043-0570-90	16V 2.2uF K
C104	119-0000-05	1/10W 0 ohm JW	C313	168-1022-55	1000pF K	C401	168-1042-78	16V 0.1uF K
		(T-A ONLY)	C314	168-1022-55	1000pF K	C402	168-1042-78	16V 0.1uF K
C108	119-0000-05	1/10W 0 ohm JW	C315	166-1011-50	100pF CH	C408	166-1801-50	18pF CH
		(J-A/J-B,M-A ONLY)	C316	168-1042-78	16V 0.1uF K	C409	168-1042-78	16V 0.1uF K
C108	166-1511-50	150pF CH	C317	168-5622-55	5600pF K	C410	163-4763-15	6.3V 47uF
		(T-A ONLY)	C318	168-5622-55	5600pF K	C411	168-1042-78	16V 0.1uF K
C113	166-2201-50	22pF CH	C319	166-1011-50	100pF CH	C412	168-1032-55	0.01uF K
C118	168-1022-55	1000pF K	C320	166-1011-50	100pF CH	C414	168-1022-55	1000pF K
C121	163-1073-35	16V 100uF	C322	168-1022-55	1000pF K	C415	168-1022-55	1000pF K
C124	168-2222-55	2200pF K	C323	168-1022-55	1000pF K	C416	168-1022-55	1000pF K
C127	168-1022-55	1000pF K	C324	163-2273-05	4V 220uF	C417	168-1022-55	1000pF K
C129	168-1022-55	1000pF K	C325	168-2222-55	2200pF K	C418	168-1022-55	1000pF K
C132	168-1022-55	1000pF K	C326	166-4711-50	470pF CH	C501	168-1042-78	16V 0.1uF K
C135	168-1022-55	1000pF K	C327	163-2263-35	16V 22uF	C502	168-1042-78	16V 0.1uF K
C136	163-1073-35	16V 100uF	C328	163-4763-15	6.3V 47uF	C503	168-1042-78	16V 0.1uF K
C152	163-1063-35	16V 10uF	C330	166-1011-50	100pF CH	C504	168-1042-78	16V 0.1uF K
C154	163-1063-35	16V 10uF	C331	168-1042-78	16V 0.1uF K	C506	166-5611-50	560pF CH
		(T-A ONLY)	C332	166-1011-50	100pF CH	C507	166-5611-50	560pF CH
C158	168-1022-55	1000pF K	C333	168-1022-55	1000pF K	C509	166-5611-50	560pF CH
		(M-A ONLY)	C334	168-1022-55	1000pF K	C510	166-5611-50	560pF CH
C202	168-2222-55	2200pF K	C335	163-1063-35	16V 10uF	C511	166-2201-50	22pF CH
C203	168-1042-78	16V 0.1uF K	C336	168-1052-78	16V 1uF K	C512	166-2201-50	22pF CH
C204	163-3363-25	10V 33uF	C337	168-3332-78	0.033uF K	C513	166-2201-50	22pF CH
C219	168-3332-78	0.033uF K	C338	168-1022-55	1000pF K	C514	166-2201-50	22pF CH
		(M-A ONLY)	C340	168-1022-55	1000pF K	C515	168-1052-78	16V 1uF K
C220	168-3332-78	0.033uF K	C341	166-1011-50	100pF CH	C516	163-1073-35	16V 100uF
		(M-A ONLY)	C342	168-1022-55	1000pF K	C518	166-5611-50	560pF CH
C221	168-4722-55	4700pF K	C343	168-4712-55	470pF K	C519	166-5611-50	560pF CH
		(M-A ONLY)	C344	168-1042-78	16V 0.1uF K	C520	168-3342-58	0.33uF K
C222	168-4722-55	4700pF K	C345	168-1022-55	1000pF K	C521	166-5611-50	560pF CH
		(M-A ONLY)	C347	168-3322-55	3300pF K	C522	166-5611-50	560pF CH
C224	168-1042-78	16V 0.1uF K	C348	168-3322-55	3300pF K	C523	168-1042-78	16V 0.1uF K
		(M-A ONLY)	C349	168-3322-55	3300pF K	C524	168-2242-58	0.22uF K
C231	168-3342-58	0.33uF K	C350	168-3322-55	3300pF K	C525	043-0552-90	6.3V 47uF M
C232	043-0554-90	25V 10uF	C351	168-3322-55	3300pF K	C526	043-0566-90	50V 2.2uF K
C238	163-1063-35	16V 10uF	C352	168-3322-55	3300pF K	C527	043-0604-90	25V 10uF B
C261	166-1011-50	100pF CH	C354	043-0554-90	25V 10uF	C529	168-4742-78	0.47uF K
C262	166-1011-50	100pF CH	C355	042-1736-90	16V 470uF M	C530	168-1042-38	50V 0.1uF K
C263	166-1011-50	100pF CH	C356	168-4722-55	4700pF K	C531	163-1073-35	16V 100uF
C264	166-1011-50	100pF CH	C357	163-1073-15	6.3V 100uF	C532	168-1542-58	0.15uF K
C265	166-1011-50	100pF CH	C358	168-2222-55	2200pF K	C533	168-1542-58	0.15uF K
C266	166-1011-50	100pF CH	C359	043-0570-90	16V 2.2uF K	C534	168-1542-58	0.15uF K
C267	166-1011-50	100pF CH	C360	043-0570-90	16V 2.2uF K	C535	168-1542-58	0.15uF K
C268	166-1011-50	100pF CH	C361	166-2201-50	22pF CH	C536	168-1042-78	16V 0.1uF K
C301	163-4753-65	50V 4.7uF	C362	168-2222-55	2200pF K	C537	168-1052-78	16V 1uF K
C302	168-1042-78	16V 0.1uF K	C363	166-2201-50	22pF CH	C540	042-1760-90	16V 10uF M
C303	166-1811-50	180pF CH	C364	166-2201-50	22pF CH	C541	178-2742-78	0.27uF
C304	168-1042-78	16V 0.1uF K	C365	168-2222-55	2200pF K	C542	168-1052-78	16V 1uF K
C305	168-1042-78	16V 0.1uF K	C366	166-2201-50	22pF CH	C543	163-4763-35	16V 47uF
C306	166-8097-50	8pF +/-0.5pF CH	C367	168-2222-55	2200pF K	C544	163-2273-25	10V 220uF

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

J-A : PP-3151J-A , J-B : PP-3151J-B , T-A : PP3151T-A , M-A : PN-3151M-A

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C545	168-2212-55	220pF K	IC301	-----	SAF7730HV/N332	Q504	125-2027-91	DTC114EUA
C546	166-2201-50	22pF CH	IC302	051-3020-90	NJM4565V	Q505	191-1197-50	2SB1197K Q,R
C548	163-4763-35	16V 47uF	IC401	051-9426-90	S-24CS16A01-T8T1G	Q506	192-5886-00	2SC5886
C549	042-1465-00	16V 3300uF	IC403	052-3224-90	M30876MJB	Q511	192-5810-00	2SC5810 TE12L
C550	172-1041-15	0.1uF			(J-A/J-B,M-A ONLY)	Q512	125-2027-91	DTC114EUA
C551	163-4763-35	16V 47uF	IC403	-----	M30876FJBGP	Q513	191-1197-50	2SB1197K Q,R
C552	163-4763-35	16V 47uF			(T-A ONLY)	Q514	192-4116-51	2SC4116 G,L
C554	168-6822-55	6800pF K	IC405	051-5417-08	S-80927CNMC-B8M	Q515	191-1204-61	2SB1204 R,S,T
C555	168-6822-55	6800pF K	IC502	051-3019-90	NJM2060V	Q516	125-2027-91	DTC114EUA
C556	168-6822-55	6800pF K	IC503	051-3551-90	NJM2878F3-33-TE1	Q517	191-1197-50	2SB1197K Q,R
C557	168-6822-55	6800pF K	IC504	051-3396-90	NJM2386ADL3-33-TE1	Q518	192-4081-00	2SC4081
C558	168-6822-55	6800pF K				Q519	192-4116-00	2SC4116
C559	168-6822-55	6800pF K	IC505	051-3517-90	LT3481EMSE#TRP BT	Q520	125-2027-91	DTC114EUA
C560	168-6822-55	6800pF K				Q521	192-4116-51	2SC4116 G,L
C561	168-6822-55	6800pF K	IC506	051-2064-00	TB2926HQ	R109	119-0000-05	1/10W 0 ohm JW
C562	168-6822-55	6800pF K	IC507	051-3034-90	NJM4558V	R124	119-2741-15	1/10W 270k ohm
C563	043-0574-90	25V 1.0uF	IC508	051-5441-08	BD4828G-TR	R125	119-0000-05	1/10W 0 ohm JW
C564	168-1042-78	16V 0.1uF K	J101	074-1302-12	12P	R129	119-0000-05	1/10W 0 ohm JW
C565	163-1063-35	16V 10uF			(T-A,M-A ONLY)			(M-A ONLY)
C566	168-2232-55	0.022uF K	J203	074-2503-79	29P	R135	119-1011-15	1/10W 100 ohm
C568	168-1522-55	1500pF K	J502	074-4009-20	20P	R141	119-1011-15	1/10W 100 ohm
C569	166-2201-50	22pF CH	L104	010-2198-50	0.15uH	R143	119-1011-15	1/10W 100 ohm
C570	178-2242-38	0.22uF B			(J-A/J-B,M-A ONLY)	R146	116-6891-15	1/4W 6.8 ohm
C571	168-1542-58	0.15uF K	L105	010-2003-04	30uH	R150	119-3321-15	1/10W 3.3k ohm
C572	168-1542-58	0.15uF K	L301	010-3104-54	600 ohm/100MHz	R154	119-3321-15	1/10W 3.3k ohm
C573	168-1542-58	0.15uF K	L302	010-3104-54	600 ohm/100MHz	R155	119-3321-15	1/10W 3.3k ohm
C574	168-1542-58	0.15uF K	L303	010-3104-54	600 ohm/100MHz	R161	119-0000-05	1/10W 0 ohm JW
C575	042-4000-90	16V 470uF	L304	010-3104-54	600 ohm/100MHz	R162	119-3321-15	1/10W 3.3k ohm
C590	168-1522-55	1500pF K	L305	010-3104-54	600 ohm/100MHz	R170	116-1091-15	1/4W 1 ohm
CCT403	050-0145-52	1/16W 1k ohm x4	L306	010-3104-54	600 ohm/100MHz			(T-A ONLY)
CCT404	050-0145-52	1/16W 1k ohm x4	L307	010-3104-54	600 ohm/100MHz	R173	116-1221-15	1/4W 1.2k ohm
D104	001-0580-90	1SS352	L308	010-3104-54	600 ohm/100MHz			(T-A ONLY)
D106	001-0529-48	MA8091-H	L309	010-3104-54	600 ohm/100MHz	R174	116-3911-15	1/4W 390 ohm
D107	001-0580-90	1SS352 (T-A ONLY)	L310	010-3104-54	600 ohm/100MHz	R176	119-1031-15	1/10W 10k ohm
D110	001-4320-50	EDZC6.8B	L311	010-3104-54	600 ohm/100MHz			(T-A ONLY)
		(T-A,M-A ONLY)	L312	010-3104-54	600 ohm/100MHz	R180	119-0000-05	1/10W 0 ohm JW
D111	001-4320-50	EDZC6.8B	L313	010-3104-54	600 ohm/100MHz			(T-A ONLY)
		(T-A,M-A ONLY)	L402	010-3406-54	2.2uH J	R207	119-1021-15	1/10W 1k ohm
D112	001-4320-50	EDZC6.8B	L501	010-3104-54	600 ohm/100MHz	R208	119-1021-15	1/10W 1k ohm
		(T-A,M-A ONLY)	L502	010-3414-92	2.2uH	R209	119-1021-15	1/10W 1k ohm
D113	001-4320-50	EDZC6.8B	L503	010-8050-00	CHOKER	R222	119-3011-15	1/10W 300 ohm
		(T-A,M-A ONLY)	L525	010-3104-53	220 ohm/100MHz			(M-A ONLY)
D114	001-9210-50	AVR-M1608C270	P402	076-3011-76	29P	R232	032-0140-89	1/10W 47k ohm F
		MTAAD (M-A ONLY)	P403	076-6000-59	9P			(M-A ONLY)
D115	001-9210-50	AVR-M1608C270	Q105	198-3018-00	2SK3018	R233	032-0140-89	1/10W 47k ohm F
		MTAAD (M-A ONLY)	Q106	198-3018-00	2SK3018			(M-A ONLY)
D116	001-4320-50	EDZC6.8B	Q107	192-5886-00	2SC5886	R239	119-1031-15	1/10W 10k ohm
		(M-A ONLY)	Q108	125-2027-90	DTC143EU			(M-A ONLY)
D208	001-058-90	1SS352 (M-A ONLY)			(T-A ONLY)	R240	119-6821-15	1/10W 6.8k ohm
D210	001-4313-53	HZU9B1L TRF-E	Q109	190-2060-90	2SA2060			(M-A ONLY)
D401	001-2630-90	1SS420-TPL3,F			(T-A ONLY)	R241	119-4731-15	1/10W 47k ohm
D501	001-2640-90	D1FJ4	Q209	125-9015-92	RN4902	R247	116-3911-15	1/4W 390 ohm
D502	001-0529-48	MA8091-H	Q210	125-0006-90	UNR2110	R248	116-3911-15	1/4W 390 ohm
D504	001-0529-48	MA8091-H			(M-A ONLY)	R249	119-1041-15	1/10W 100k ohm
D506	001-2015-00	RL253	Q211	125-2027-91	DTC114EUA	R259	119-1021-15	1/10W 1k ohm
D507	001-0580-90	1SS352			(M-A ONLY)	R260	119-1021-15	1/10W 1k ohm
D508	001-0580-90	1SS352	Q214	193-1259-50	2SD1259DS R,Q	R261	119-1021-15	1/10W 1k ohm
D510	001-0529-48	MA8091-H	Q301	125-7007-90	Si5441BDC-TI-E3			(M-A ONLY)
D511	001-4320-50	EDZC6.8B	Q302	125-2027-91	DTC114EUA	R301	119-1031-15	1/10W 10k ohm
		(T-A,M-A ONLY)	Q403	125-2027-91	DTC114EUA	R302	119-1031-15	1/10W 10k ohm
D512	001-0580-90	1SS352			(J-A/J-B,M-A ONLY)	R303	119-2201-15	1/10W 22 ohm
D513	001-4320-50	EDZC6.8B	Q404	125-0021-91	DTA114EUA	R308	119-1031-15	1/10W 10k ohm
D514	001-4320-50	EDZC6.8B			(J-A/J-B,M-A ONLY)	R309	119-1011-15	1/10W 100 ohm
		(T-A,M-A ONLY)	Q405	191-0709-00	2SB709A Q,R,S	R310	119-1021-15	1/10W 1k ohm
D515	001-0529-34	MA8062-L			(J-A/J-B,M-A ONLY)	R311	119-1031-15	1/10W 10k ohm
D516	001-0580-90	1SS352	Q406	192-2712-00	2SC2712	R312	119-3921-15	1/10W 3.9k ohm
D517	001-0529-47	MA8091-M			(J-A/J-B,M-A ONLY)	R313	119-1031-15	1/10W 10k ohm
D520	001-2412-90	RR264M-400	Q407	125-2027-91	DTC114EUA	R314	119-3921-15	1/10W 3.9k ohm
D521	001-2412-90	RR264M-400	Q408	198-3018-00	2SK3018	R315	119-1031-15	1/10W 10k ohm
D523	001-4320-50	EDZC6.8B	Q409	125-2027-91	DTC114EUA	R316	119-0000-05	1/10W 0 ohm JW
		(J-A/J-B,M-A ONLY)	Q410	198-3018-00	2SK3018	R317	119-1031-15	1/10W 10k ohm
IC203	051-3518-90	NJM2846DL3-33-TE1	Q411	125-2027-91	DTC114EUA	R318	119-1041-15	1/10W 100k ohm

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R319	119-1041-15	1/10W 100k ohm	R431	119-1011-15	1/10W 100 ohm (J-A/J-B,M-A ONLY)	R515	119-1051-15	1/10W 1M ohm
R320	119-1001-15	1/10W 10 ohm	R432	119-1011-15	1/10W 100 ohm	R516	119-1051-15	1/10W 1M ohm
R321	119-3921-15	1/10W 3.9k ohm	R433	119-1011-15	1/10W 100 ohm	R517	119-1051-15	1/10W 1M ohm
R322	119-0000-05	1/10W 0 ohm JW	R434	119-1031-15	1/10W 10k ohm	R518	119-1031-15	1/10W 10k ohm
R323	119-1021-15	1/10W 1k ohm	R435	119-1031-15	1/10W 10k ohm	R519	119-1031-15	1/10W 10k ohm
R324	119-3921-15	1/10W 3.9k ohm	R437	119-4731-15	1/10W 47k ohm	R520	119-1031-15	1/10W 10k ohm
R325	119-0000-05	1/10W 0 ohm JW	R439	119-4731-15	1/10W 47k ohm	R521	119-1031-15	1/10W 10k ohm
R327	119-1031-15	1/10W 10k ohm	R440	119-4731-15	1/10W 47k ohm	R522	119-1031-15	1/10W 10k ohm
R329	119-1031-15	1/10W 10k ohm	R442	119-4721-15	1/10W 4.7k ohm	R523	119-1031-15	1/10W 10k ohm
R331	119-1031-15	1/10W 10k ohm	R444	119-1021-15	1/10W 1k ohm	R524	119-4731-15	1/10W 47k ohm
R332	119-1031-15	1/10W 10k ohm	R445	119-4731-15	1/10W 47k ohm	R527	032-0148-63	1/10W 130k ohm D
R333	032-0140-50	1/10W 10k ohm F	R446	119-4731-15	1/10W 47k ohm	R528	032-0148-64	1/10W 390k ohm D
R334	032-0140-50	1/10W 10k ohm F	R447	119-1031-15	1/10W 10k ohm	R530	119-1031-15	1/10W 10k ohm
R335	119-1031-15	1/10W 10k ohm	R449	119-4731-15	1/10W 47k ohm	R532	119-1031-15	1/10W 10k ohm
R336	119-1031-15	1/10W 10k ohm	R450	119-0000-05	1/10W 0 ohm JW	R533	119-1841-15	1/10W 180k ohm
R337	119-1031-15	1/10W 10k ohm	R452	119-4731-15	1/10W 47k ohm	R534	119-1031-15	1/10W 10k ohm
R338	119-1031-15	1/10W 10k ohm	R453	119-1031-15	1/10W 10k ohm	R535	116-6811-15	1/4W 680 ohm
R339	119-1011-15	1/10W 100 ohm	R454	119-4731-15	1/10W 47k ohm	R536	119-1031-15	1/10W 10k ohm
R340	119-1011-15	1/10W 100 ohm	R456	119-1021-15	1/10W 1k ohm	R537	032-0140-51	1/10W 15k ohm F
R341	119-0000-05	1/10W 0 ohm JW	R458	119-1021-15	1/10W 1k ohm	R538	119-1021-15	1/10W 1k ohm
R342	119-0000-05	1/10W 0 ohm JW	R459	119-4731-15	1/10W 47k ohm	R547	119-4721-15	1/10W 4.7k ohm
R343	119-0000-05	1/10W 0 ohm JW	R460	119-4731-15	1/10W 47k ohm	R548	119-4721-15	1/10W 4.7k ohm
R344	119-0000-05	1/10W 0 ohm JW	R463	119-4731-15	1/10W 47k ohm	R549	119-3331-15	1/10W 33k ohm
R345	119-0000-05	1/10W 0 ohm JW	R466	119-4731-15	1/10W 47k ohm	R555	116-3911-15	1/4W 390 ohm
R346	119-0000-05	1/10W 0 ohm JW	R469	119-1011-15	1/10W 100 ohm	R556	119-1521-15	1/10W 1.5k ohm
R347	119-1031-15	1/10W 10k ohm	R471	119-1021-15	1/10W 1k ohm	R557	116-1221-15	1/4W 1.2k ohm
R348	119-0000-05	1/10W 0 ohm JW	R472	119-1011-15	1/10W 100 ohm	R558	119-1031-15	1/10W 10k ohm
R349	119-4731-15	1/10W 47k ohm	R474	119-4731-15	1/10W 47k ohm	R559	116-1221-15	1/4W 1.2k ohm
R350	119-0000-05	1/10W 0 ohm JW	R475	119-1011-15	1/10W 100 ohm	R560	119-1031-15	1/10W 10k ohm
R351	119-1021-15	1/10W 1k ohm	R476	119-1011-15	1/10W 100 ohm	R561	116-1221-15	1/4W 1.2k ohm
R352	119-1021-15	1/10W 1k ohm	R477	119-4721-15	1/10W 4.7k ohm	R562	116-1221-15	1/4W 1.2k ohm
R353	119-1021-15	1/10W 1k ohm	R478	119-4721-15	1/10W 4.7k ohm	R563	119-1031-15	1/10W 10k ohm
R354	119-1021-15	1/10W 1k ohm	R479	119-1031-15	1/10W 10k ohm (J-A/J-B,M-A ONLY)	R564	119-4721-15	1/10W 4.7k ohm
R356	119-1001-15	1/10W 10 ohm	R480	119-4731-15	1/10W 47k ohm (J-A/J-B,M-A ONLY)	R565	119-1521-15	1/10W 1.5k ohm
R357	032-0140-15	1/10W 6.8k ohm F	R481	119-2231-15	1/10W 22k ohm	R566	119-1031-15	1/10W 10k ohm
R358	032-0140-15	1/10W 6.8k ohm F	R482	119-4731-15	1/10W 47k ohm	R567	032-0148-50	1/10W 100k ohm D
R360	032-0140-15	1/10W 6.8k ohm F	R483	119-1031-15	1/10W 10k ohm (J-A/J-B,M-A ONLY)	R568	032-0140-16	1/10W 180k ohm F
R361	032-0140-15	1/10W 6.8k ohm F	R484	119-4731-15	1/10W 47k ohm	R570	119-0000-05	1/10W 0 ohm JW (T-A,M-A ONLY)
R362	032-0140-50	1/10W 10k ohm F	R485	119-4731-15	1/10W 47k ohm	R571	119-0000-05	1/10W 0 ohm JW (T-A,M-A ONLY)
R363	032-0140-50	1/10W 10k ohm F	R486	119-1041-15	1/10W 100k ohm	R572	032-0208-51	1/4W 15k ohm
R364	032-0140-50	1/10W 10k ohm F	R487	119-1041-15	1/10W 100k ohm	R573	119-2221-15	1/10W 2.2k ohm
R365	032-0140-50	1/10W 10k ohm F	R488	119-1241-15	1/10W 120k ohm (J-A/J-B,M-A ONLY)	R574	119-0000-05	1/10W 0 ohm JW (J-A/J-B,M-A ONLY)
R366	119-1031-15	1/10W 10k ohm	R489	119-3331-15	1/10W 33k ohm (J-A/J-B,M-A ONLY)	R575	116-1531-15	1/4W 15k ohm
R367	119-1031-15	1/10W 10k ohm	R490	119-6801-15	1/10W 68 ohm (J-A/J-B,M-A ONLY)	R577	119-1031-15	1/10W 10k ohm
R401	119-1021-15	1/10W 1k ohm	R491	119-2241-15	1/10W 220k ohm (J-A/J-B,M-A ONLY)	R578	119-0000-05	1/10W 0 ohm JW
R402	119-1021-15	1/10W 1k ohm	R492	119-4731-15	1/10W 47k ohm	R579	119-1031-15	1/10W 10k ohm
R403	119-1021-15	1/10W 1k ohm	R493	119-4721-15	1/10W 4.7k ohm	R580	119-5611-15	1/10W 560 ohm
R404	119-0000-05	1/10W 0 ohm JW	R494	119-4721-15	1/10W 4.7k ohm	R581	116-4791-15	1/4W 4.7 ohm
R405	119-1021-15	1/10W 1k ohm	R495	119-4731-15	1/10W 47k ohm	R582	116-4791-15	1/4W 4.7 ohm
R406	119-1021-15	1/10W 1k ohm	R496	119-4721-15	1/10W 4.7k ohm	R583	119-2231-15	1/10W 22k ohm
R407	119-1021-15	1/10W 1k ohm	R497	119-4721-15	1/10W 4.7k ohm	R584	119-3321-15	1/10W 3.3k ohm
R408	119-1021-15	1/10W 1k ohm	R498	119-1041-15	1/10W 100k ohm	R587	119-1841-15	1/10W 180k ohm
R410	119-4731-15	1/10W 47k ohm	R499	119-1041-15	1/10W 100k ohm	R588	119-3341-15	1/10W 330k ohm
R411	119-4721-15	1/10W 4.7k ohm	R502	119-1031-15	1/10W 10k ohm	R4001	119-1021-15	1/10W 1k ohm
R412	119-4721-15	1/10W 4.7k ohm	R503	119-1031-15	1/10W 10k ohm	R4002	119-1021-15	1/10W 1k ohm
R413	119-3311-15	1/10W 330 ohm	R504	119-1031-15	1/10W 10k ohm	SUP102	060-0122-91	DSP-141N-S00B
R414	119-3311-15	1/10W 330 ohm	R505	119-1031-15	1/10W 10k ohm	TC401	004-1580-10	30pF GRN
R415	119-4731-15	1/10W 47k ohm	R507	119-1031-15	1/10W 10k ohm	TH101	002-0229-00	PTH8L05BAIR8M1B (T-A ONLY)
R416	119-4731-15	1/10W 47k ohm	R508	119-1031-15	1/10W 10k ohm	TM101	073-0762-90	TERMINAL
R417	119-4731-15	1/10W 47k ohm	R509	119-1031-15	1/10W 10k ohm	TM502	073-0762-90	TERMINAL
R418	119-4711-15	1/10W 470 ohm	R510	119-1031-15	1/10W 10k ohm	TM9001	073-0768-90	TERMINAL (J-A/J-B ONLY)
R419	119-4711-15	1/10W 470 ohm	R511	119-1031-15	1/10W 10k ohm	X301	061-3537-90	41.6MHz
R420	119-4711-15	1/10W 470 ohm	R512	119-1031-15	1/10W 10k ohm	X401	061-3567-90	8.000MHz AT-41CD2
R421	119-4711-15	1/10W 470 ohm	R514	119-1051-15	1/10W 1M ohm	PWB	039-3306-00	PWB(WITHOUT COMPONENT)
R422	119-0000-05	1/10W 0 ohm JW						
R423	119-1011-15	1/10W 100 ohm						
R424	119-1011-15	1/10W 100 ohm						
R426	119-1031-15	1/10W 10k ohm						
R427	119-1031-15	1/10W 10k ohm						
R428	119-1031-15	1/10W 10k ohm						
R429	119-1031-15	1/10W 10k ohm						
R430	119-1011-15	1/10W 100 ohm						

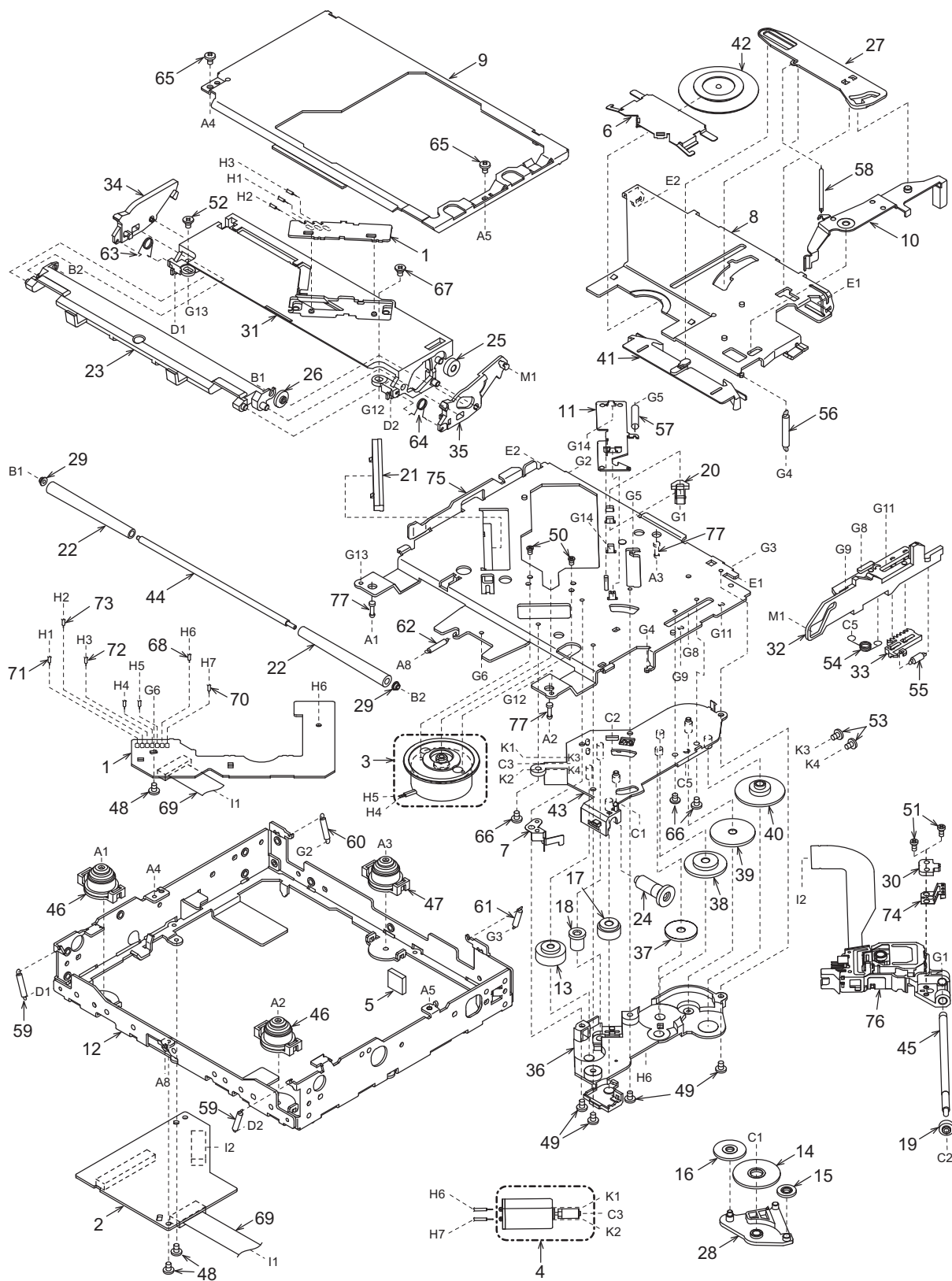
Switch PWB(B2) section

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

J-A : PP-3151J-A , J-B : PP-3151J-B , T-A : PP3151T-A , M-A : PN-3151M-A

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C601	043-0554-90	25V 10uF	D636	001-7109-90	SML-311DTT86 ORG	R607	119-4731-15	1/10W 47k ohm
C602	043-0554-90	25V 10uF	D637	001-7109-90	SML-311DTT86 ORG	R608	116-2221-15	1/4W 2.2k ohm
C603	168-1042-78	16V 0.1uF K	D638	001-7109-90	SML-311DTT86 ORG	R609	116-2721-15	1/4W 2.7k ohm
C604	043-0554-90	25V 10uF	D639	001-7109-90	SML-311DTT86 ORG	R611	116-2221-15	1/4W 2.2k ohm
C605	168-1042-78	16V 0.1uF K	D640	001-7109-90	SML-311DTT86 ORG	R612	116-2221-15	1/4W 2.2k ohm
D601	001-9210-50	AVR-M1608C270	D641	001-7109-90	SML-311DTT86 ORG	R613	116-2221-15	1/4W 2.2k ohm
		MTAAD	D642	001-7109-90	SML-311DTT86 ORG	R614	116-2221-15	1/4W 2.2k ohm
D602	001-9210-50	AVR-M1608C270	D643	001-7109-90	SML-311DTT86 ORG	R615	116-1021-15	1/4W 1k ohm
		MTAAD	D644	001-7109-90	SML-311DTT86 ORG	R616	116-2221-15	1/4W 2.2k ohm
D603	001-9210-50	AVR-M1608C270	D645	001-7109-90	SML-311DTT86 ORG	R617	116-1021-15	1/4W 1k ohm
		MTAAD	D656	001-7109-90	SML-311DTT86 ORG	R618	116-2221-15	1/4W 2.2k ohm
D604	001-4320-50	EDZC6.8B	D662	001-9210-50	AVR-M1608C270	R619	116-1021-15	1/4W 1k ohm
D605	001-7109-90	SML-311DTT86 ORG			MTAAD	R620	116-2221-15	1/4W 2.2k ohm
D606	001-7109-90	SML-311DTT86 ORG	D663	001-9210-50	AVR-M1608C270	R621	116-1021-15	1/4W 1k ohm
D607	001-7109-90	SML-311DTT86 ORG			MTAAD	R622	116-1821-15	1/4W 1.8k ohm
D610	001-7109-90	SML-311DTT86 ORG	D664	001-9210-50	AVR-M1608C270	R623	116-1021-15	1/4W 1k ohm
D611	001-7109-90	SML-311DTT86 ORG			MTAAD	R624	116-1821-15	1/4W 1.8k ohm
D612	001-7109-90	SML-311DTT86 ORG	D665	001-9210-50	AVR-M1608C270	R625	116-1021-15	1/4W 1k ohm
D613	001-7109-90	SML-311DTT86 ORG			MTAAD	R626	116-1821-15	1/4W 1.8k ohm
D614	001-7109-90	SML-311DTT86 ORG	D666	001-9210-50	AVR-M1608C270	R627	116-2221-15	1/4W 2.2k ohm
D615	001-7109-90	SML-311DTT86 ORG			MTAAD	R628	116-2721-15	1/4W 2.7k ohm
D616	001-7109-90	SML-311DTT86 ORG	D667	001-9210-50	AVR-M1608C270	R629	116-2221-15	1/4W 2.2k ohm
D617	001-7109-90	SML-311DTT86 ORG			MTAAD	R630	116-2221-15	1/4W 2.2k ohm
D618	001-7109-90	SML-311DTT86 ORG	D668	001-9210-50	AVR-M1608C270	R631	116-2221-15	1/4W 2.2k ohm
D619	001-7109-90	SML-311DTT86 ORG			MTAAD	R632	116-2221-15	1/4W 2.2k ohm
D620	001-7109-90	SML-311DTT86 ORG	D669	001-9210-50	AVR-M1608C270	R633	116-2221-15	1/4W 2.2k ohm
D621	001-7109-90	SML-311DTT86 ORG			MTAAD	R634	116-2221-15	1/4W 2.2k ohm
D622	001-7109-90	SML-311DTT86 ORG	IC601	051-6057-00	ML9090A-01GA	R635	119-0000-05	1/10W 0 ohm JW
D623	001-7109-90	SML-311DTT86 ORG	J601	074-3033-26	26P	R636	116-2221-15	1/4W 2.2k ohm
D624	001-7109-90	SML-311DTT86 ORG	J602	075-0395-01	JACK	R637	119-0000-05	1/10W 0 ohm JW
D625	001-7109-90	SML-311DTT86 ORG	LCD601	379-1419-50	INDICATOR (LCD)	R639	116-1821-15	1/4W 1.8k ohm
D626	001-7109-90	SML-311DTT86 ORG			(J-A/B, T-A ONLY)	R640	119-2221-15	1/10W 2.2k ohm
D627	001-7109-90	SML-311DTT86 ORG	LCD601	379-1419-52	INDICATOR (LCD)	S601	016-7004-00	ROTARY SWITCH
D628	001-7109-90	SML-311DTT86 ORG			(M-A ONLY)	S602	013-6201-53	SKPMAPE010
D629	001-7109-90	SML-311DTT86 ORG	Q601	190-1162-00	2SA1162	S603	013-6202-52	SKPMBJE010
D630	001-7109-90	SML-311DTT86 ORG	Q602	192-2712-51	2SC2712 G,L	S604	013-6202-52	SKPMBJE010
D631	001-7109-90	SML-311DTT86 ORG	R601	032-0140-00	1/10W 56k ohm F	S605	013-6202-52	SKPMBJE010
D632	001-7109-90	SML-311DTT86 ORG	R602	119-4731-15	1/10W 47k ohm	S606	013-6202-52	SKPMBJE010
D633	001-7109-90	SML-311DTT86 ORG	R604	032-0140-53	1/10W 2.2k ohm F	TM601	073-0778-90	TERMINAL
D634	001-7109-90	SML-311DTT86 ORG	R605	032-0140-53	1/10W 2.2k ohm F	PWB	039-3307-00	PWB(WITHOUT COMPONENT)
D635	001-7109-90	SML-311DTT86 ORG	R606	116-1821-15	1/4W 1.8k ohm			

EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	-----	LED PWB	1
2	-----	CD PWB	1
3	SMA-182-100	SPINDLE MOTOR-ASSY	1
4	SMA-183-100	SLED MOTOR-ASSY	1
5	345-5476-20	CUSHION RUBBER	1
6	620-1023-23	CLAMPER PLATE	1
7	620-1026-21	SPRING PLATE	1
8	620-1596-23	CLAMPER LINK	1
9	620-1862-20	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1
11	620-1753-20	ID-LOCK PLATE	1
12	620-1868-20	LOWER CHASSIS	1
13	621-0608-21	SECOND GEAR	1
14	621-0609-20	BASE GEAR	1
15	621-0610-20	IDLE GEAR A	1
16	621-0611-20	IDLE GEAR B	1
17	621-0612-21	ROLLER GEAR A	1
18	621-0620-20	THREAD GEAR A	1
19	621-0621-20	THREAD GEAR B	1
20	621-0623-23	LS-HOLDER	1
21	621-0624-22	GUIDE RAIL	1
22	621-0711-21	LOADING ROLLER	2
23	621-0718-21	ROLLER GUIDE	1
24	621-0719-20	ROLLER GEAR B	1
25	621-0720-20	ROLLER GEAR C	1
26	621-0721-20	ROLLER GEAR D	1
27	621-0728-20	STOPPER LINK	1
28	621-1719-20	IDLE CASE	1
29	621-1726-20	ROLLER SLEEVE	2
30	621-1729-20	SH-BASE	1
31	621-1742-20	UPPER GUIDE	1
32	621-1743-20	SHIFT LEVER	1
33	621-1744-20	RACK	1
34	621-1745-20	LOCK ARM L	1
35	621-1746-20	LOCK ARM R	1
36	621-1747-20	GEAR COVER	1
37	621-1748-20	POWER GEAR A	1
38	621-1749-20	POWER GEAR B	1
39	621-1750-20	POWER GEAR C	1

NO.	PART NO.	DESCRIPTION	Q'TY
40	621-1751-20	POWER GEAR D	1
41	621-1752-20	DISC STOPPER	1
42	621-1753-20	CLAMPER RING	1
43	621-1754-20	GEAR BASE	1
44	622-1571-21	ROLLER SHAFT	1
45	624-0020-00	LEAD SCREW	1
46	629-0086-20	DAMPER F	2
47	629-0087-20	DAMPER R	1
48	716-1507-01	SCREW(M2x3)	3
49	716-1670-01	SCREW(M2x4)	4
50	716-1733-01	SCREW(M1.7x2.3)	2
51	716-3469-01	SCREW(1.7x4)	2
52	716-3473-01	SCREW(M2x3)	1
53	716-3551-00	SCREW(M1.4x2.5)	2
54	750-7865-20	SHIFT SPRING	1
55	750-7866-20	RACK SPRING	1
56	750-7867-20	CLAMPER SPRING	1
57	750-7868-20	ID-LOCK SPRING	1
58	750-7869-20	SENSOR SPRING	1
59	750-7870-20	DR-SPRING F	2
60	750-7871-20	DR-SPRING RA	1
61	750-7872-20	DR-SPRING RB	1
62	750-7873-20	DR-SPRING C	1
63	750-6797-20	ROLLER SPRING L	1
64	750-6798-20	ROLLER SPRING R	1
65	714-2003-8B	SCREW(M2x3)	2
66	780-2025-00	SCREW(M2x2.5)	3
67	781-1730-00	SCREW(M1.7x3)	1
68	803-4906-60	VINYL-COAT-WIRE(ORG)	1
69	816-2542-01	FLAT WIRE	1
70	816-2590-00	VINYL-COAT-WIRE(GRN)	1
71	816-2591-00	VINYL-COAT-WIRE(YEL)	1
72	816-2592-00	VINYL-COAT-WIRE(BLUE)	1
73	816-2593-00	VINYL-COAT-WIRE(PUR)	1
74	966-1722-20	SH-RACK-ASSY	1
75	966-1866-20	DRIVE-PLTATE	1
76	969-0071-30 969-0075-30	PICKUP-ASSY (-82) PICKUP-ASSY (-83)	1
77	622-1570-21	DAMPER PIN	3

ELECTRICAL PARTS LIST

Main PWB(BM1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	168-1042-78	16V 0.1uF	C29	046-6822-58	6800pF	R5	033-0000-05	1/10W 0 ohm
C2	163-1073-35	16V 100uF	C30	168-1042-78	16V 0.1uF	R6	033-5621-15	1/10W 5.6k ohm
C4	178-1052-78	1uF	C31	046-4712-58	470pF	R7	033-4731-15	1/10W 47k ohm
C5	042-0560-85	6.3V 100uF	C32	046-4712-58	470pF	R8	033-3341-15	1/10W 330k ohm
C6	178-1052-78	1uF	C33	168-1042-78	16V 0.1uF	R9	033-2231-15	1/10W 22k ohm
C8	178-1052-78	1uF	C34	168-4732-78	16V 0.047uF	R10	033-2231-15	1/10W 22k ohm
C10	168-1042-78	16V 0.1uF	C35	168-4732-78	16V 0.047uF	R11	033-2731-15	1/10W 27k ohm
C11	168-1042-78	16V 0.1uF	C36	045-1007-50	10pF	R12	033-4731-15	1/10W 47k ohm
C12	045-4701-50	47pF	C37	045-1007-50	10pF	R13	033-2731-15	1/10W 27k ohm
C13	046-1532-78	0.015uF	C38	168-1042-78	16V 0.1uF	R14	033-1531-15	1/10W 15k ohm
C14	168-1042-78	16V 0.1uF	C39	046-5622-58	5600pF	R15	033-2731-15	1/10W 27k ohm
C15	046-1032-78	0.01uF	C40	168-1042-78	16V 0.1uF	R16	033-8231-15	1/10W 82k ohm
C17	046-4722-58	4700pF	CCT1	050-0140-63	1/32W 47k ohm x4J	R17	033-2731-15	1/10W 27k ohm
C18	046-1522-58	1500pF	D1	001-0367-91	1SS226	R18	033-8231-15	1/10W 82k ohm
C19	168-1042-78	16V 0.1uF	IC1	051-6079-90	BA5830FP-E2	R19	033-1051-15	1/10W 1M ohm
C20	168-1042-78	16V 0.1uF	IC2	051-6399-00	TC94A15FG	R20	119-2221-15	1/10W 2.2k ohm
C21	046-6812-58	680pF	J101	074-1228-79	29P	R22	119-0000-05	1/10W 0 ohm JW
C22	168-1042-78	16V 0.1uF	J201	074-1138-65	15P	TM1	073-0768-90	TERMINAL
C23	046-1532-78	0.015uF	J301	074-1138-60	10P	X2	061-3534-90	16.92MHz
C24	168-1042-78	16V 0.1uF	Q1	131-1188-50	2SB1188PQR	PWB	039-2845-21	PWB(WITHOUT COMPONENT)
C25	045-6801-50	68pF	R1	117-6811-15	1/8W 680 ohm			
C26	168-1042-78	16V 0.1uF	R2	117-1001-15	1/8W 10 ohm			
C27	046-3332-78	0.033uF	R3	033-2211-15	1/10W 220 ohm			

LED PWB(BM2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR	Q1	060-4015-91	PS1192HB	S2	013-7413-50	LIMIT
D2	001-7058-90	AN1105W-RR	Q2	060-4015-91	PS1192HB	PWB	039-1944-21	PWB(WITHOUT COMPONENT)
J1	074-1138-60	10P	S1	013-7414-50	CHUCKING			

BLOCK DIAGRAM

