pin 99: BASS CCW : IN : Pulse signal input from the rotary encoder.

pin100: TREBLE CW : IN : Pulse signal input from the rotary encoder.

Initial setting

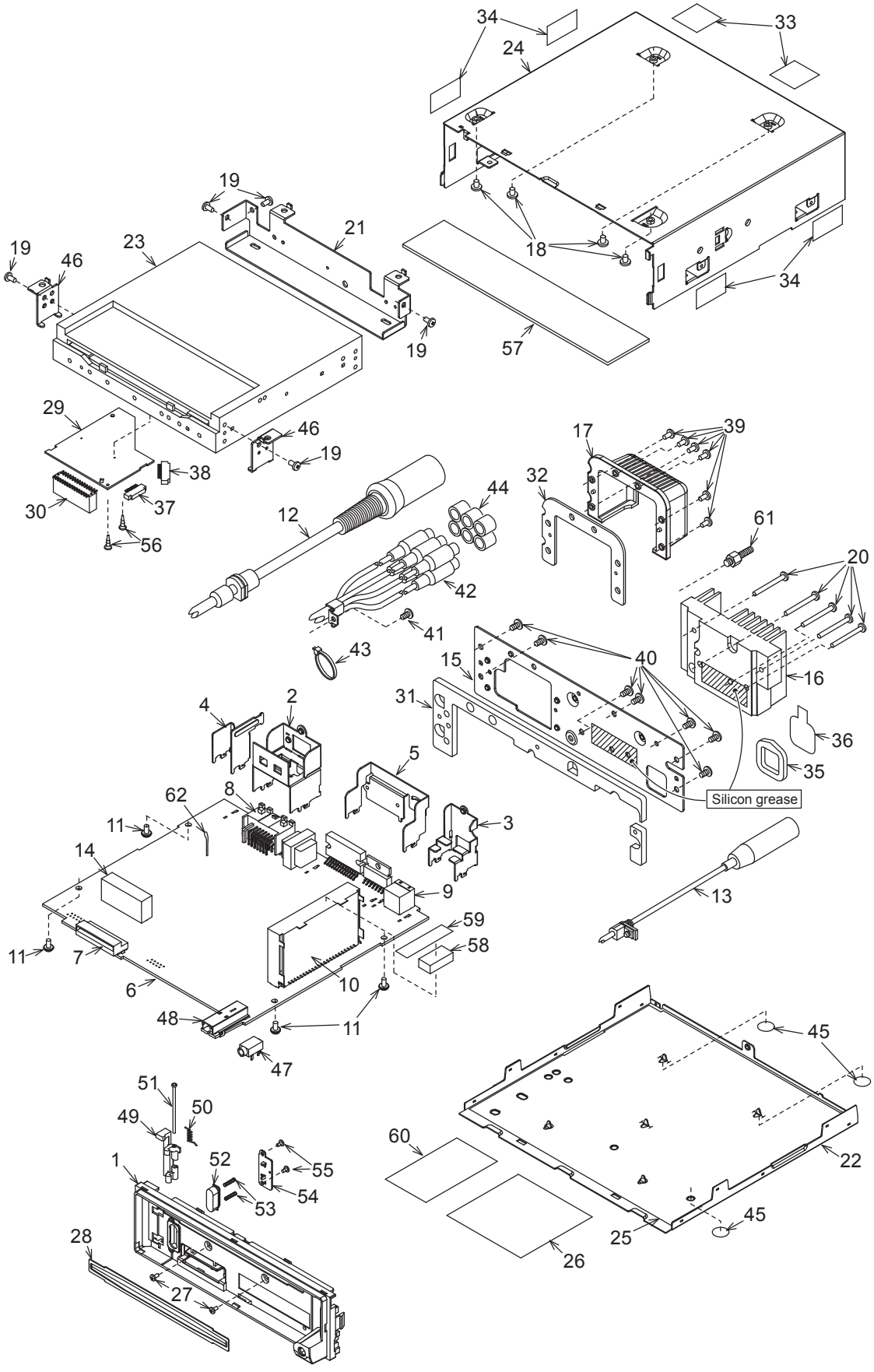
	U	K	E	J
INIT 1 (pin 55)	L	H	L	H
INIT 2 (pin 56)	L	L	H	H

EXPLODED VIEW / PARS LIST

Main section

NO.	PART NO.	DESCRIPTION	Q'TY
1	370-6258-00	INNER ES	1
2	331-4394-00	CONNECT-HOLDER	1
3	331-4395-00	CONNECT-HOLDER	1
4	331-4396-00	LEAD-HOLDER	1
5	331-3612-01	IC-HOLDER	1
6	----------	MAIN PWB	1
7	074-1217-50	OUTLET SOCKET	1
8	074-1214-50	OUTLET SOCKET	1
9	074-1194-00	OUTLET SOCKET	1
10	880-2093B	TUNER PACK	1
11	716-0878-50	SCREW(M2.6x5)	4
12	855-1474-50	DIN CORD	1
13	092-2232-50	ANT-RECEPT	1
14	076-3019-30	PLUG	1
15	307-0724-00	REAR-CVR	1
16	313-2009-00	HEAT SINK	1
17	335-8034-00	LEAD-CVR	1
18	714-3004-8B	MACHINE SCREW(M3x4)	4
19	714-2603-8B	MACHINE SCREW(M2.6x3)	5
20	780-2625-00	M-SCREW(M2.6x25)	5
21	331-4393-00	MECH-BRKT-R	1
22	311-1945-00	LOWER CASE	1
23	929-5017-80	CD-MECH-MODULE	1
24	310-1860-01	UPPER CASE	1
25	347-8260-00	INSULATOR	1
26	276-0195-00 276-0264-00	SETPLATE(PE2931BA) SETPLATE(PE2931BB)	1
27	780-2607-52	SCREW(M2.6x7)	2
28	346-0194-00	LEATHER SHEET	1
29	----------	MECH PWB	1
30	074-3019-80	OUTLET SOCKET	1
31	345-6078-00	REAR SEAL	1

NO.	PART NO.	DESCRIPTION	Q'TY
32	345-6079-00	GASKET	1
33	291-0126-00	STICKER	2
34	291-0125-00	STICKER	4
35	345-6077-00	CONNECT SEAL	1
36	290-0205-00	STICKER LABEL	1
37	074-2215-65	OUTLET SOCKET	1
38	074-2215-60	OUTLET SOCKET	1
39	780-2008-00	M-SCREW(M2x8)	6
40	714-2605-8B	MACHINE SCREW(M2.6x5)	7
41	714-3006-8B	MACHINE SCREW(M3x6)	1
42	855-5552-50	RCA PIN CORD	1
43	335-0833-07	CABLE TIE	1
44	345-3799-20	RUBBER PART	6
45	291-0127-00	STICKER	3
46	331-4392-00	MECH-BRKT-F	2
47	075-9018-00	JACK	1
48	331-4371-00	JACK HOLDER	1
49	335-5915-01	HOOK	1
50	750-3219-00	SPRING(F-HOOK)	1
51	341-1627-00	SHAFT	1
52	382-4078-00	BUTTON (P-OUT)	1
53	750-3173-00	SPRING	2
54	331-2594-00	HOOK PLATE	1
55	716-0778-50	WAVE SCREW(M2x6)	2
56	716-1507-01	SCREW(M2x3)	2
57	347-8261-00	UPPER SHET	1
58	345-5312-00	CUSHION	1
59	347-6341-00	E-SHEET	1
60	291-0128-00	STICKER	1
61	716-0726-51	SCREW(M5x10)	1
62	321-0969-00	CLAMP	1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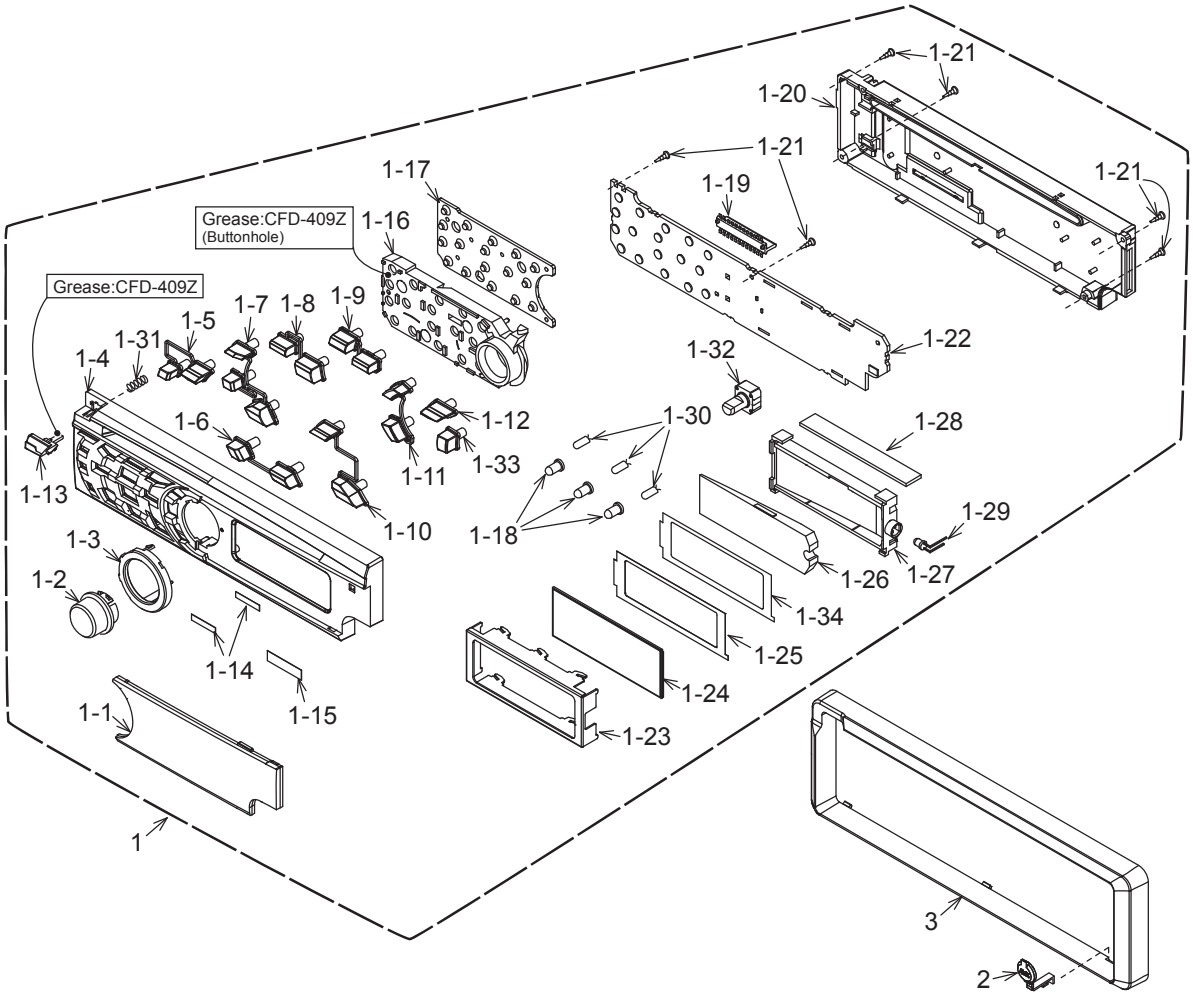
DCP section



NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-593-600	DCP ASSY	1
1-1	373-1124-02	DIAL-CVR	1
1-2	380-5690-00	KNOB	1
1-3	335-7970-01	KNOB RING	1
1-4	370-6259-01	ESCUTCHEON	1
1-5	382-8158-00	BUTTON(D,1)	1
1-6	382-8162-00	BUTTON(ISR,5)	1
1-7	382-8160-00	BUTTON(EJ,SOUND,4)	1
1-8	382-8150-00	BUTTON (<<,DN)	1
1-9	382-8151-00	BUTTON(UP,>>)	1
1-10	382-8161-00	BUTTON(2,6)	1
1-11	382-8181-01	BUTTON(SRC,BND)	1
1-12	382-8157-00	BUTTON(3)	1
1-13	382-8159-01	RELEASE BUTTON	1
1-14	347-7510-00	DOUBLE FACE	2
1-15	347-7986-00	DOUBLE FACE	1
1-16	335-7974-00	ILLUMI	1
1-17	345-5977-00	RUBBER KEY	1
1-18	345-5899-00	LAMP CAP	3

NO.	PART NO.	DESCRIPTION	Q'TY
1-19	076-0615-50	PLUG	1
1-20	335-7973-00	REAR COVER	1
1-21	716-0872-62	SCREW	6
1-22	----------	SWITCH PWB	1
1-23	331-4366-00	LCD-CVR	1
1-24	379-1383-40	INDICATOR	1
1-25	347-8188-00	BLACK FILM	1
1-26	335-7950-00	LCD ILLUMI	1
1-27	335-7949-00	LCD-HOLDER	1
1-28	345-6028-00	RUBBER PART	1
1-29	001-7046-01	DIODE	1
1-30	017-0444-00	PILOTLAMP	3
1-31	750-6855-00	RELEASE SPRING	1
1-32	016-9901-02	VR W/SHAFT	1
1-33	382-8443-00	BUTTON(ENT)	1
1-34	347-8189-00	FILM	1
2	345-6025-00	AUX CAP	1
3	370-6286-00	OUTER ESCUTCHEON	1

ELECTRICAL PARTS LIST

Main PWB section(B1)

REF No.	PART No.	DESCRIPTION
ANT1	092-2232-50	ANT-RECEPT
BL1	880-2093B	TUNER PACK
C1	166-2201-50	22pF CH
C2	168-1022-55	1000pF K
C3	168-4732-78	0.047uF K
C4	168-4722-55	4700pF K
C5	166-2201-50	22pF CH
C6	168-1522-55	1500pF K
C7	168-1032-55	0.01uF K
C8	168-1032-55	0.01uF K
C9	187-1053-65	50V 1uF
C10	168-1832-55	0.018uF K
C11	187-4763-35	16V 47uF
C12	168-2232-55	0.022uF K
C13	168-2232-55	0.022uF K
C14	187-1073-25	10V 100uF
C15	168-1042-78	16V 0.1uF
C16	168-1032-55	0.01uF K
C17	187-1073-25	10V 100uF
C18	168-6822-55	6800pF K
C19	166-1011-50	100pF CH
C20	187-4763-35	16V 47uF
C21	168-5622-55	5600pF K
C22	168-1032-55	0.01uF K
C23	168-1042-78	16V 0.1uF
C24	187-3353-65	50V 3.3uF
C25	166-1011-50	100pF CH
C26	166-3311-50	330pF CH
C27	166-1011-50	100pF CH
C28	166-3311-50	330pF CH
C29	166-1801-50	18pF CH
C30	168-2232-55	0.022uF K
C31	187-4763-15	6.3V 47uF
C32	166-1501-50	15pF CH
C103	168-1022-55	1000pF K
C104	168-1032-55	0.01uF K
C105	189-1083-12	6.3V 1000uF
C106	168-1022-55	1000pF K
C107	168-1032-55	0.01uF K
C108	189-1083-12	6.3V 1000uF
C111	168-4732-78	0.047uF K
C112	168-1032-55	0.01uF K
C117	187-1063-35	16V 10uF
C118	168-1042-78	16V 0.1uF
C119	168-1042-78	16V 0.1uF
C120	187-1073-15	6.3V 100uF
C121	168-1042-78	16V 0.1uF
C122	187-1073-35	16V 100uF
C123	168-1042-78	16V 0.1uF
C124	187-1073-35	16V 100uF
C125	168-1042-78	16V 0.1uF
C127	168-1042-78	16V 0.1uF
C128	187-1073-35	16V 100uF
C129	187-1073-35	16V 100uF
C130	168-1042-78	16V 0.1uF
C131	178-4742-78	0.47uF
C132	168-1042-78	16V 0.1uF
C133	187-2263-35	16V 22uF
C301	187-1063-35	16V 10uF
C302	187-1063-35	16V 10uF
C303	187-1063-35	16V 10uF
C304	187-1063-35	16V 10uF
C307	187-1063-35	16V 10uF
C308	187-1063-35	16V 10uF
C309	187-1053-65	50V 1uF
C310	187-1053-65	50V 1uF
C311	187-4763-15	6.3V 47uF
C312	187-1063-35	16V 10uF
C313	187-1063-35	16V 10uF
C314	187-1063-35	16V 10uF
C315	166-1011-50	100pF CH
C316	166-1011-50	100pF CH
C317	168-1042-78	16V 0.1uF
C318	187-4763-35	16V 47uF
C319	166-1011-50	100pF CH
C320	166-1011-50	100pF CH
C321	187-4763-35	16V 47uF
C322	168-1042-78	16V 0.1uF
C336	187-1063-35	16V 10uF
C337	187-1063-35	16V 10uF
C338	187-1063-35	16V 10uF
C339	187-1063-35	16V 10uF
C344	168-4732-78	0.047uF K
C345	168-4732-78	0.047uF K
C413	178-4742-78	0.47uF
C414	178-4742-78	0.47uF
C415	178-4742-78	0.47uF
C416	178-4742-78	0.47uF
C417	187-1063-35	16V 10uF
C419	187-1063-35	16V 10uF
C421	168-4722-55	4700pF K
C425	166-1011-50	100pF CH
C427	166-1011-50	100pF CH
C428	187-1063-35	16V 10uF
C430	166-1011-50	100pF CH
C432	166-1011-50	100pF CH
C435	178-4742-78	0.47uF
C437	187-1063-35	16V 10uF
C438	187-1063-35	16V 10uF
C440	187-1063-35	16V 10uF
C441	187-1063-35	16V 10uF
C442	187-1053-65	50V 1uF
C443	187-1053-65	50V 1uF
C445	172-1041-15	0.1uF
C446	042-1447-00	16V 2200uF
C501	178-1052-78	1uF
C502	187-1073-15	6.3V 100uF
C503	178-1052-78	1uF
C504	187-1073-15	6.3V 100uF
C505	178-1052-78	1uF
C506	187-1073-15	6.3V 100uF
C507	187-1073-35	16V 100uF
C508	168-1042-78	16V 0.1uF
C509	168-4732-78	0.047uF K
C510	166-4711-50	470pF CH
C513	168-4732-78	0.047uF K
C514	166-4711-50	470pF CH
C515	168-1042-78	16V 0.1uF
C516	168-2222-55	2200pF K
C517	168-1042-78	16V 0.1uF
C519	168-1042-78	16V 0.1uF
C520	168-6822-55	6800pF K
C522	168-1042-78	16V 0.1uF
C523	168-3332-78	0.033uF K
C524	168-1042-78	16V 0.1uF
C526	168-1042-78	16V 0.1uF
C528	168-1042-78	16V 0.1uF
C529	187-1063-35	16V 10uF
C530	168-3322-55	3300pF K
C531	168-3322-55	3300pF K
C532	168-1042-78	16V 0.1uF
C533	187-3353-65	50V 3.3uF
C534	187-3353-65	50V 3.3uF
C535	168-1042-78	16V 0.1uF
C536	168-1042-78	16V 0.1uF
C538	168-1042-78	16V 0.1uF
C539	168-1042-78	16V 0.1uF
C540	168-5622-55	5600pF K
C541	168-1042-78	16V 0.1uF
C542	166-6801-50	68pF CH
C543	168-1532-55	0.015uF K
C544	168-1042-78	16V 0.1uF
C545	168-1032-55	0.01uF K
C546	168-1042-78	16V 0.1uF
C547	168-1042-78	16V 0.1uF
C548	168-4722-55	4700pF K
C550	168-3322-55	3300pF K
C551	168-1032-55	0.01uF K
C552	168-1042-78	16V 0.1uF
C554	168-1532-55	0.015uF K
C556	166-4701-50	47pF CH
C558	168-1042-78	16V 0.1uF
C559	168-1042-78	16V 0.1uF
C560	168-3332-78	0.033uF K
C561	168-1042-78	16V 0.1uF
C562	168-1042-78	16V 0.1uF
C564	168-1042-78	16V 0.1uF
C567	187-1073-15	6.3V 100uF
C568	168-1042-78	16V 0.1uF
C569	168-1042-78	16V 0.1uF
C570	168-1042-78	16V 0.1uF
C571	187-1073-15	6.3V 100uF
C572	187-1073-15	6.3V 100uF
C573	187-2263-35	16V 22uF
C574	168-1042-78	16V 0.1uF
C575	168-1042-78	16V 0.1uF
C576	187-2263-35	16V 22uF
C577	168-1042-78	16V 0.1uF
C578	178-1052-78	1uF
C579	168-1042-78	16V 0.1uF
C580	187-2263-35	16V 22uF
C581	187-1073-15	6.3V 100uF
D103	001-0517-90	1SS355
D107	001-1310-00	KDS160-RTK
D108	001-1310-00	KDS160-RTK
D109	001-0466-91	S5688G
D111	001-1310-00	KDS160-RTK
D112	001-1310-00	KDS160-RTK
D114	001-4301-38	HZU6.8B2
D206	001-1310-00	KDS160-RTK
D301	001-4301-24	HZU 4.3B3
D401	001-4301-44	HZU8.2B2
D402	001-1310-00	KDS160-RTK
D403	001-1310-00	KDS160-RTK
D404	001-1310-00	KDS160-RTK
D406	001-0592-61	1N5404
D410	001-1310-00	KDS160-RTK
D501	001-0367-91	1SS226
D502	001-4301-24	HZU 4.3B3
D503	001-4301-24	HZU 4.3B3
D504	001-4301-24	HZU 4.3B3
IC1	051-6212-08	LC72191JM-TLM
IC101	052-3408-11	M30624MGP-E12GP
IC103	051-5410-18	S-80820CNMC-8BF
IC104	051-6600-90	LA2335M
IC105	051-3349-00	HA13166E
IC106	051-7400-08	HD74LS07FP
IC107	051-3337-90	BA09CC0WFP
IC108	051-9402-68	BR93L56F-W
IC301	051-3059-90	NJM2120M
IC302	051-5028-90	TDA7409DTR
IC308	051-3059-90	NJM2120M
IC402	051-2060-00	LA47201-N-E
IC501	051-6733-10	TC94A70FG-005
IC502	051-6079-80	BA5830FM-E2
IC503	051-3392-90	S-1323B15NB-N8ATFG
IC504	051-3392-90	S-1323B15NB-N8ATFG
J101	075-9018-00	JACK
J102	074-1194-00	13P CE-NET
J103	074-1217-50	12P
J402	074-1214-50	SOCKET(16P)

REF No.	PART No.	DESCRIPTION
L1	010-3112-90	1k ohm/100MHz
L2	010-3112-90	1k ohm/100MHz
L3	010-2003-04	30uH
L4	010-6027-00	220uH
L101	010-3100-66	2.2uH
L102	010-3100-66	2.2uH
L103	010-3100-66	2.2uH
L104	010-3100-66	2.2uH
L105	010-6025-00	10uH
L107	010-3100-66	2.2uH
L108	010-3100-66	2.2uH
L109	010-3100-66	2.2uH
L501	010-3105-69	80 ohm/100MHz
L502	010-3105-69	80 ohm/100MHz
L503	010-3105-69	80 ohm/100MHz
P1	076-3019-30	PLUG(30P)
Q1	125-4011-90	KTD863
Q2	125-2041-93	RT1N241M
Q3	125-0034-93	RT1P241M
Q4	125-0034-93	RT1P241M
Q5	192-2712-51	2SC2712 G,L
Q6	192-2712-51	2SC2712 G,L
Q105	198-3018-00	2SK3018
Q106	198-3018-00	2SK3018
Q107	198-3018-00	2SK3018
Q108	198-3018-00	2SK3018
Q110	125-2041-93	RT1N241M
Q111	125-3005-90	KTA1273
Q112	190-1365-50	2SA1365-T122-1F,G
Q113	125-2041-93	RT1N241M
Q115	125-4014-90	KTC2020D
Q117	125-2041-93	RT1N241M
Q118	190-1602-00	2SA1602A
Q119	192-4155-49	2SC4155A R,S
Q120	125-0034-96	RT1P436M
Q301	125-2041-93	RT1N241M
Q401	125-2041-93	RT1N241M
Q402	125-0034-96	RT1P436M
Q403	192-4155-49	2SC4155A R,S
Q404	125-2041-96	RT1N436M
Q409	125-0034-96	RT1P436M
Q410	125-4012-90	KTD1304
Q411	125-4012-90	KTD1304
Q412	125-4012-90	KTD1304
Q413	125-4012-90	KTD1304
Q414	125-4012-90	KTD1304
Q415	125-4012-90	KTD1304
Q501	131-1188-50	2SB1188PQR
Q502	198-3018-00	2SK3018
Q503	192-4155-49	2SC4155A R,S
Q504	192-4155-49	2SC4155A R,S
Q505	190-1365-50	2SA1365-T122-1F,G
Q506	125-2041-92	RT1N141M
Q507	125-0034-92	RT1P141M
Q508	125-2041-92	RT1N141M
Q509	125-2041-92	RT1N141M
R1	119-8201-15	1/10W 82 ohm
R2	119-2221-15	1/10W 2.2k ohm
R3	119-1021-15	1/10W 1k ohm
R4	119-2221-15	1/10W 2.2k ohm
R5	119-3311-15	1/10W 330 ohm
R6	119-1231-15	1/10W 12k ohm
R7	119-4741-15	1/10W 470k ohm
R8	119-1031-15	1/10W 10k ohm
R9	119-1031-15	1/10W 10k ohm
R10	119-2221-15	1/10W 2.2k ohm
R11	119-1021-15	1/10W 1k ohm
R12	119-1041-15	1/10W 100k ohm
R13	119-1031-15	1/10W 10k ohm
R14	119-5631-15	1/10W 56k ohm
R98	119-0000-05	1/10W 0 ohm JW
R99	119-0000-05	1/10W 0 ohm JW
R101	119-4731-15	1/10W 47k ohm
R102	119-4731-15	1/10W 47k ohm
R103	119-1041-15	1/10W 100k ohm
R104	119-1041-15	1/10W 100k ohm
R105	119-1031-15	1/10W 10k ohm
R106	119-1221-15	1/10W 1.2k ohm
R107	119-3331-15	1/10W 33k ohm
R109	119-6821-15	1/10W 6.8k ohm
R110	119-2211-15	1/10W 220 ohm
R111	119-3331-15	1/10W 33k ohm
R112	119-4721-15	1/10W 4.7k ohm
R113	119-6821-15	1/10W 6.8k ohm
R114	119-4721-15	1/10W 4.7k ohm
R115	119-3331-15	1/10W 33k ohm
R116	119-1811-15	1/10W 180 ohm
R117	119-1811-15	1/10W 180 ohm
R118	119-1811-15	1/10W 180 ohm
R120	119-6821-15	1/10W 6.8k ohm
R121	119-3331-15	1/10W 33k ohm
R122	119-6821-15	1/10W 6.8k ohm
R125	119-1021-15	1/10W 1k ohm
R126	119-1021-15	1/10W 1k ohm
R127	119-1021-15	1/10W 1k ohm
R128	119-1021-15	1/10W 1k ohm
R129	119-1031-15	1/10W 10k ohm
R130	116-1021-15	1/4W 1k ohm
R131	119-1811-15	1/10W 180 ohm
R132	119-1031-15	1/10W 10k ohm
R133	119-1021-15	1/10W 1k ohm
R135	119-1031-15	1/10W 10k ohm
R136	119-4721-15	1/10W 4.7k ohm
R137	119-1031-15	1/10W 10k ohm
R139	119-0000-05	1/10W 0 ohm JW
R140	119-0000-05	1/10W 0 ohm JW
R141	119-0000-05	1/10W 0 ohm JW
R142	119-0000-05	1/10W 0 ohm JW
R143	119-1541-15	1/10W 150k ohm
R144	119-0000-05	1/10W 0 ohm JW
R145	119-0000-05	1/10W 0 ohm JW
R146	119-0000-05	1/10W 0 ohm JW
R147	119-0000-05	1/10W 0 ohm JW
R149	119-1031-15	1/10W 10k ohm
R150	119-3321-15	1/10W 3.3k ohm
R151	119-5621-15	1/10W 5.6k ohm
R153	119-4731-15	1/10W 47k ohm
R154	116-1521-15	1/4W 1.5k ohm
R155	119-0000-05	1/10W 0 ohm JW
R157	119-4721-15	1/10W 4.7k ohm
R158	116-6801-15	1/4W 68 ohm
R159	119-1041-15	1/10W 100k ohm
R160	119-1031-15	1/10W 10k ohm
R161	119-0000-05	1/10W 0 ohm JW
R163	119-1041-15	1/10W 100k ohm
R164	119-4731-15	1/10W 47k ohm
R165	119-1031-15	1/10W 10k ohm
R166	119-1021-15	1/10W 1k ohm
R167	119-1021-15	1/10W 1k ohm
R168	119-1021-15	1/10W 1k ohm
R169	119-0000-05	1/10W 0 ohm JW
R170	119-1041-15	1/10W 100k ohm
R171	119-0000-05	1/10W 0 ohm JW
R172	119-0000-05	1/10W 0 ohm JW
R173	119-0000-05	1/10W 0 ohm JW
R174	119-0000-05	1/10W 0 ohm JW
R175	119-0000-05	1/10W 0 ohm JW
R176	119-0000-05	1/10W 0 ohm JW
R177	119-0000-05	1/10W 0 ohm JW
R178	119-1041-15	1/10W 100k ohm
R179	119-1041-15	1/10W 100k ohm
R185	119-0000-05	1/10W 0 ohm JW
R188	119-0000-05	1/10W 0 ohm JW
R189	119-0000-05	1/10W 0 ohm JW
R190	119-0000-05	1/10W 0 ohm JW
R191	119-0000-05	1/10W 0 ohm JW
R193	119-0000-05	1/10W 0 ohm JW
R194	119-0000-05	1/10W 0 ohm JW
R195	119-0000-05	1/10W 0 ohm JW
R197	119-0000-05	1/10W 0 ohm JW
R199	119-0000-05	1/10W 0 ohm JW
R301	032-0140-58	1/10W 51k ohm F
R302	032-0140-58	1/10W 51k ohm F
R303	032-0140-58	1/10W 51k ohm F
R304	032-0140-58	1/10W 51k ohm F
R305	032-0140-51	1/10W 15k ohm F
R306	032-0140-51	1/10W 15k ohm F
R307	119-4721-15	1/10W 4.7k ohm
R308	119-4721-15	1/10W 4.7k ohm
R309	032-0140-51	1/10W 15k ohm F
R310	032-0140-51	1/10W 15k ohm F
R312	119-3311-15	1/10W 330 ohm
R313	119-1011-15	1/10W 100 ohm
R314	119-1011-15	1/10W 100 ohm
R315	119-1011-15	1/10W 100 ohm
R316	119-1011-15	1/10W 100 ohm
R324	032-0140-51	1/10W 15k ohm F
R325	032-0140-51	1/10W 15k ohm F
R327	032-0140-51	1/10W 15k ohm F
R328	032-0140-51	1/10W 15k ohm F
R331	032-0140-52	1/10W 33k ohm F
R332	032-0140-52	1/10W 33k ohm F
R333	032-0140-52	1/10W 33k ohm F
R334	032-0140-52	1/10W 33k ohm F
R340	119-1021-15	1/10W 1k ohm
R343	119-1021-15	1/10W 1k ohm
R345	119-1041-15	1/10W 100k ohm
R360	119-1041-15	1/10W 100k ohm
R361	119-4731-15	1/10W 47k ohm
R362	119-4731-15	1/10W 47k ohm
R363	119-0000-05	1/10W 0 ohm JW
R364	119-0000-05	1/10W 0 ohm JW
R365	119-0000-05	1/10W 0 ohm JW
R366	119-0000-05	1/10W 0 ohm JW
R401	119-0000-05	1/10W 0 ohm JW
R406	119-1021-15	1/10W 1k ohm
R408	119-8221-15	1/10W 8.2k ohm
R409	119-1021-15	1/10W 1k ohm
R410	119-1021-15	1/10W 1k ohm
R411	119-1021-15	1/10W 1k ohm
R412	119-2231-15	1/10W 22k ohm
R413	119-2231-15	1/10W 22k ohm
R414	119-2231-15	1/10W 22k ohm
R424	119-1231-15	1/10W 12k ohm
R427	119-1021-15	1/10W 1k ohm
R428	119-1021-15	1/10W 1k ohm
R429	119-1021-15	1/10W 1k ohm
R430	119-1021-15	1/10W 1k ohm
R446	119-1031-15	1/10W 10k ohm
R448	119-2231-15	1/10W 22k ohm
R449	119-2231-15	1/10W 22k ohm
R450	119-2231-15	1/10W 22k ohm
R451	119-2231-15	1/10W 22k ohm
R452	119-3311-15	1/10W 330 ohm
R453	119-3311-15	1/10W 330 ohm
R455	119-3311-15	1/10W 330 ohm
R456	119-3311-15	1/10W 330 ohm
R457	119-3311-15	1/10W 330 ohm
R458	119-1021-15	1/10W 1k ohm
R459	119-1021-15	1/10W 1k ohm
R460	116-4721-15	1/4W 4.7k ohm
R461	119-6831-15	1/10W 68k ohm
R462	119-1041-15	1/10W 100k ohm
R463	119-3311-15	1/10W 330 ohm
R464	119-1021-15	1/10W 1k ohm
R501	119-2211-15	1/10W 220 ohm
R502	117-6811-15	1/8W 680 ohm
R504	117-1001-15	1/8W 10 ohm
R505	119-2731-15	1/10W 27k ohm

REF No.	PART No.	DESCRIPTION
R506	119-2731-15	1/10W 27k ohm
R507	119-2731-15	1/10W 27k ohm
R508	119-2731-15	1/10W 27k ohm
R509	119-6811-15	1/10W 680 ohm
R510	119-1051-15	1/10W 1M ohm
R511	119-2211-15	1/10W 220 ohm
R512	119-8231-15	1/10W 82k ohm
R513	119-1051-15	1/10W 1M ohm
R514	119-3311-15	1/10W 330 ohm
R515	119-8231-15	1/10W 82k ohm
R516	119-1531-15	1/10W 15k ohm
R517	119-4701-15	1/10W 47 ohm
R518	119-1051-15	1/10W 1M ohm
R519	119-3311-15	1/10W 330 ohm
R520	119-4731-15	1/10W 47k ohm
R521	119-1031-15	1/10W 10k ohm
R522	119-1031-15	1/10W 10k ohm
R523	119-0000-05	1/10W 0 ohm JW
R525	119-2211-15	1/10W 220 ohm
R526	119-2211-15	1/10W 220 ohm
R527	119-2231-15	1/10W 22k ohm

REF No.	PART No.	DESCRIPTION
R528	119-1041-15	1/10W 100k ohm
R529	119-0000-05	1/10W 0 ohm JW
R531	119-5621-15	1/10W 5.6k ohm
R533	119-3341-15	1/10W 330k ohm
R534	119-4731-15	1/10W 47k ohm
R535	119-2231-15	1/10W 22k ohm
R536	119-3331-15	1/10W 33k ohm
R537	119-0000-05	1/10W 0 ohm JW
R540	119-0000-05	1/10W 0 ohm JW
R541	119-1041-15	1/10W 100k ohm
R542	119-1041-15	1/10W 100k ohm
R543	119-1041-15	1/10W 100k ohm
R544	119-4731-15	1/10W 47k ohm
R545	119-1041-15	1/10W 100k ohm
R548	119-6821-15	1/10W 6.8k ohm
R551	119-1041-15	1/10W 100k ohm
R553	119-1031-15	1/10W 10k ohm
R556	119-1821-15	1/10W 1.8k ohm
R557	119-1831-15	1/10W 18k ohm
R558	119-2731-15	1/10W 27k ohm
R559	119-1821-15	1/10W 1.8k ohm

REF No.	PART No.	DESCRIPTION
R560	119-2721-15	1/10W 2.7k ohm
R561	119-1041-15	1/10W 100k ohm
R562	119-1031-15	1/10W 10k ohm
R563	119-2721-15	1/10W 2.7k ohm
R572	119-1031-15	1/10W 10k ohm
R573	119-1221-15	1/10W 1.2k ohm
R574	119-1031-15	1/10W 10k ohm
S101	013-6100-00	SKHLLB
SUP1	060-0122-91	DSP-141N-S00B
T101	009-9006-70	CHOKE 0.23mH
X1	061-1066-00	7.2MHz
X101	060-1533-90	CSTCE10M0G52-RO
X501	060-1535-90	16.934MHz
Z102	060-0054-00	JW 5mm
Z103	060-0054-00	JW 5mm
Z104	060-0054-00	JW 5mm
PWB	039-3066-00	PWB(WITHOUT COMPONENT)

Switch PWB section(B2)

REF No.	PART No.	DESCRIPTION
C701	168-4732-78	0.047uF K
C702	168-4732-78	0.047uF K
C703	168-4732-78	0.047uF K
C705	042-0423-97	16V 10uF
C706	042-0423-97	16V 10uF
D701	001-7046-01	NSPW310BS-A,RS
D702	001-4907-90	PG05GBUSV-RTK
D703	001-4301-41	HZU 7.5B2
D704	001-1310-00	KDS160-RTK
D705	001-4301-29	HZU 5.1B2
D706	001-4301-38	HZU6.8B2
D707	001-4907-90	PG05GBUSV-RTK
D708	001-4907-90	PG05GBUSV-RTK
IC701	051-6066-00	NJU6535FG1
IR701	060-4017-90	IR RECEIVER

REF No.	PART No.	DESCRIPTION
J701	076-0615-50	12P
LCD702	379-1383-40	LCD(INDICATOR)
PL701	017-0444-00	14V 50mA
PL702	017-0444-00	14V 50mA
PL703	017-0444-00	14V 50mA
Q701	192-3440-50	2SC3440 F,G
Q702	192-3440-50	2SC3440 F,G
R701	119-4711-15	1/10W 470 ohm
R702	119-1021-15	1/10W 1k ohm
R703	119-6841-15	1/10W 680k ohm
R704	119-2231-15	1/10W 22k ohm
R705	119-1221-15	1/10W 1.2k ohm
R706	119-1221-15	1/10W 1.2k ohm
R707	119-1021-15	1/10W 1k ohm
R708	119-1011-15	1/10W 100 ohm

REF No.	PART No.	DESCRIPTION
R709	119-1031-15	1/10W 10k ohm
R710	119-1031-15	1/10W 10k ohm
R711	119-1021-15	1/10W 1k ohm
R712	119-1031-15	1/10W 10k ohm
R713	119-1221-15	1/10W 1.2k ohm
R714	119-0000-05	1/10W 0 ohm JW
R715	119-2221-15	1/10W 2.2k ohm
R716	119-2221-15	1/10W 2.2k ohm
R717	119-2221-15	1/10W 2.2k ohm
VR701	016-9901-02	VR W/SFT EC111012010E
PWB	039-3069-00	PWB(WITHOUT COMPONENT)

Mech PWB section(B3)

REF No.	PART No.	DESCRIPTION
J201	074-2215-65	SOCKET(15P)
J301	074-2215-60	SOCKET(10P)
J401	074-3019-80	SOCKET(30P)

REF No.	PART No.	DESCRIPTION
PWB	039-3043-00	PWB(WITHOUT COMPONENT)

ELECTRICAL PARTS LIST

Sensor PWB section(BM1)

REF No.	PART No.	DESCRIPTION
D1	001-7058-90	AN1105W-RR
D2	001-7058-90	AN1105W-RR
J1	074-2215-60	10P

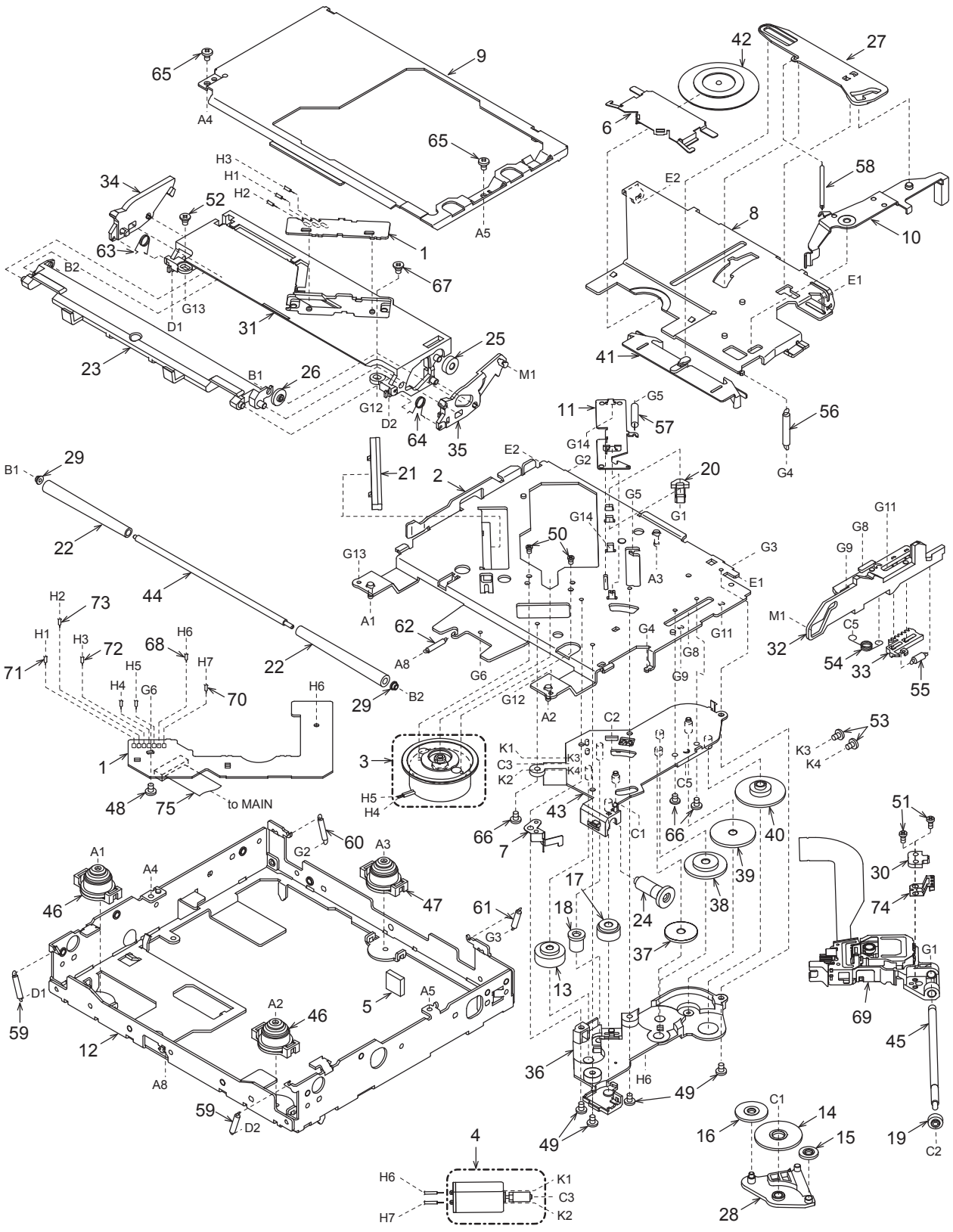
REF No.	PART No.	DESCRIPTION
Q1	060-4015-91	PS1192HB
Q2	060-4015-91	PS1192HB
S1	013-7414-50	CHUCKING

REF No.	PART No.	DESCRIPTION
S2	013-7413-50	LIMIT
PWB	039-2675-20	PWB(WITHOUT COMPONENT)

EXPLODED VIEW/PARTS LIST

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	SENSOR PWB	1
2	966-1743-21	DRIVE-PLT-ASSY	1
3	SMA-182-100	SPINDLE MOTOR-ASSY	1
4	SMA-197-100	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	620-1598-22	UPPER CHASSIS	1
10	620-1752-20	SENSOR ARM	1
11	620-1753-20	ID-LOCK PLATE	1
12	620-1791-20	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	621-0711-20	LOADING ROLLER	2
23	621-0718-21	ROLLER GUIDE	1
24	621-0719-20	ROLLER GEAR	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

NO.	PART NO.	DESCRIPTION	Q'TY
39	621-1750-20	POWER GEAR C	1
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)	1
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	750-3467-21	SHIFT SPRING	1
55	750-3468-20	RACK SPRING	1
56	750-3469-20	CLAMPER SPRING	1
57	750-3470-20	ID-LOCK SPRING	1
58	750-3471-20	SENSOR SPRING	1
59	750-3472-21	DR-SPRING F	2
60	750-3473-20	DR-SPRING RA	1
61	750-3474-20	DR-SPRING RB	1
62	750-3475-21	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	969-0071-32	PICKUP-ASSY	1
70	816-2590-00	LEAD(GRN)	1
71	816-2591-00	LEAD(YEL)	1
72	816-2592-00	LEAD(BLUE)	1
73	816-2593-00	LEAD(PUR)	1
74	966-1722-20	SH-RACK-ASSY	1
75	816-2542-06	FLAT WIRE	1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