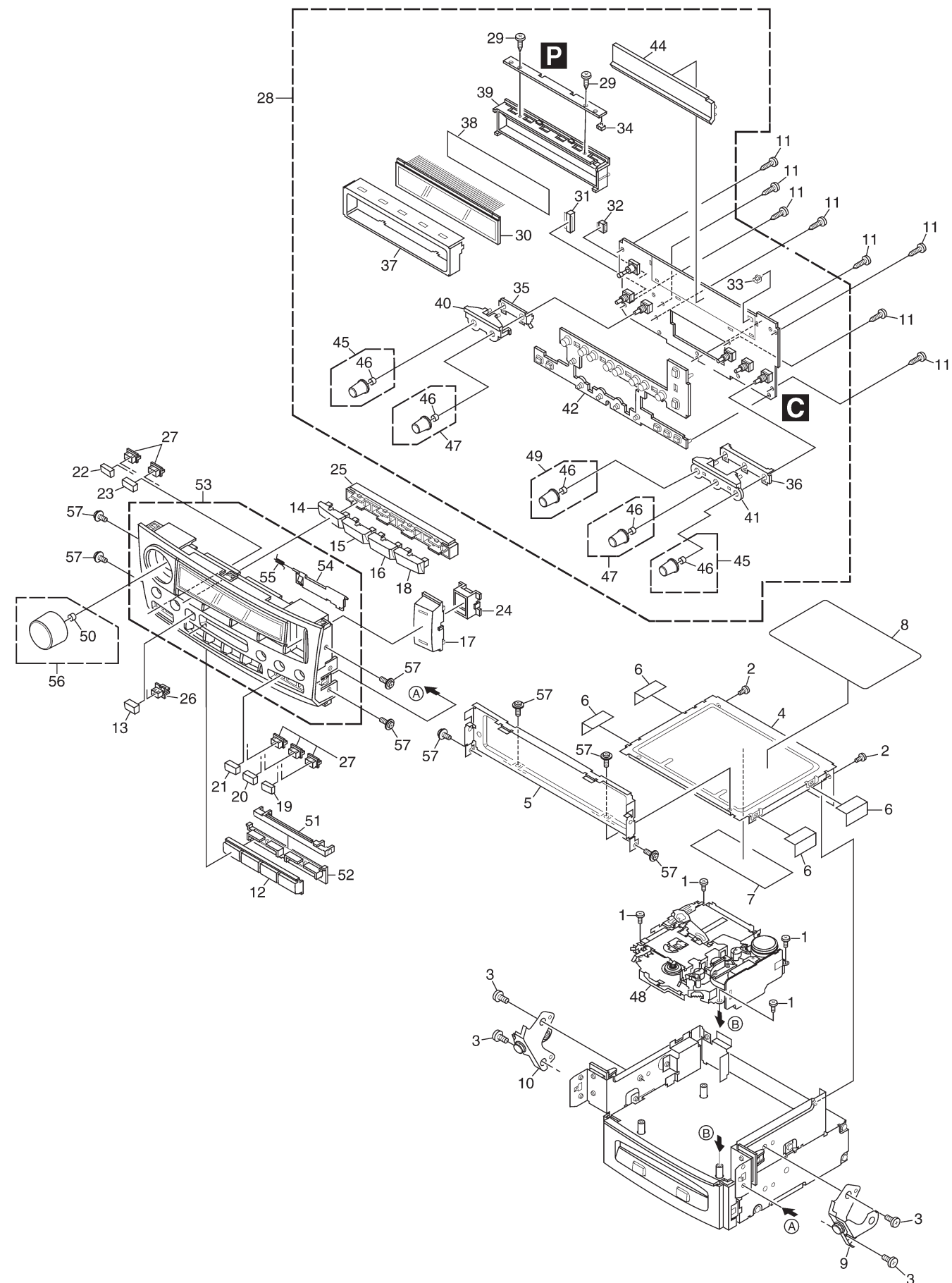


2. EXPLODED VIEWS AND PARTS LIST

2.1 EXTERIOR(1)



NOTE:

- Parts marked by "*" are generally unavailable because they are not in our Master Spare Parts List.
- Screws adjacent to ∇ mark on the product are used for disassembly.
- For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

(1) EXTERIOR(1) SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BMZ26P040FTC	31	Connector(CN902)	CKS3751
2	Screw	BMZ26P050FTC	32	Connector(CN903)	CKS4354
3	Screw	See Contrast table(2)	33	Connector(CN906)	CKS4393
4	Case	CNB2935	34	Connector(CN907)	CKS4394
5	Holder	CNC8462	35	Holder	CNC8777
6	Seal	CNM5714	36	Holder	CNC8778
7	Spacer	CNM7426	37	Holder	CNC8798
8	Label	CRW1417	38	Plate	CNM6841
9	86208-50010	See Contrast table(2)	39	Holder	CNV5892
10	86207-50010	See Contrast table(2)	40	Lighting Conductor	CNV6717
11	Screw	BPZ20P080FTC	41	Lighting Conductor	CNV6719
12	Button(DSS)	CAC7795	42	Rubber	CNV7429
13	Button(TAPE EJECT)	CAC6219	43	•••••	
14	Button(1,2)	CAC6379	44	Lighting Conductor Unit	CXB6820
15	Button(3,4)	CAC6380	45	Knob Unit	CXB6905
16	Button(5,6)	CAC6381	46	Spring	CBL-108
17	Button(TUNE)	CAC6378	47	Knob Unit	CXB6906
18	Button(SCAN,MSG)	CAC6382	48	Cassette Mechanism Module	EXK4290
19	Button(UP)	CAC7799	49	Knob Unit	CXB6907
20	Button(DOWN)	CAC7800	* 50	Spring	CBL1620
21	Button(TRAF)	CAC7801	51	Lighting Conductor Unit	CXB5991
22	Button(POS)	CAC7806	52	Holder Unit	CXB6908
23	Button(ASL)	CAC7805	53	Grille Unit	See Contrast table(2)
24	Holder	CNV5888	54	Door	See Contrast table(2)
25	Holder	CNV5889	55	Spring	CBH1371
26	Holder	CNV5890	56	Knob Unit	CXC1630
27	Holder	CNV6721	57	Screw	ISS26P060FTC
28	Keyboard Unit	CWM8510			
29	Screw	BPZ20P050FTC			
30	LCD	CAW1591			

(2) CONTRAST TABLE

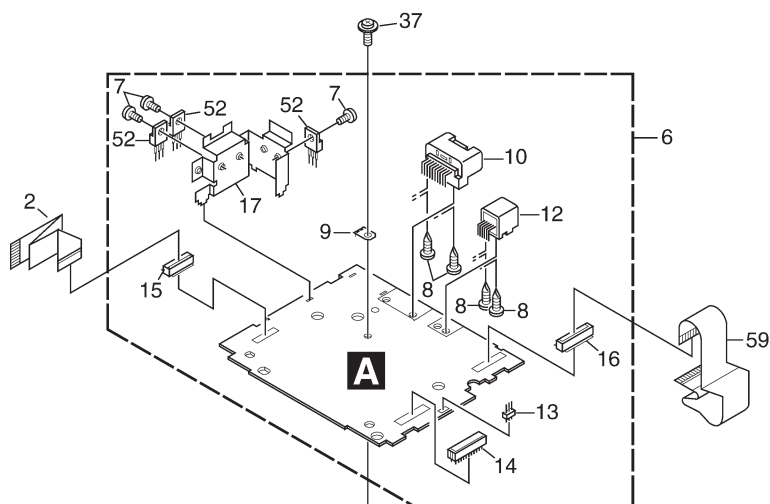
FX-MG8187ZT/UC, FX-MG8187ZT-91/UC, FX-MG8687ZT/UC and FX-MG8687ZT-91/UC are constructed the same except for the following:

Mark No.	Symbol and Description	Part No.	
		FX-MG8187ZT/UC	FX-MG8187ZT-91/UC
3	Screw	BMZ50P080FTC	Not used
9	86208-50010	CXB6031	Not used
10	86207-50010	CXB6032	Not used
53	Grille Unit	CXC2630	CXC2630
54	Door	CAT2412	CAT2412

Mark No.	Symbol and Description	Part No.	
		FX-MG8687ZT/UC	FX-MG8687ZT-91/UC
3	Screw	BMZ50P080FTC	Not used
9	86208-50010	CXB6031	Not used
10	86207-50010	CXB6032	Not used
53	Grille Unit	CXC2631	CXC2631
54	Door	CAT2413	CAT2413

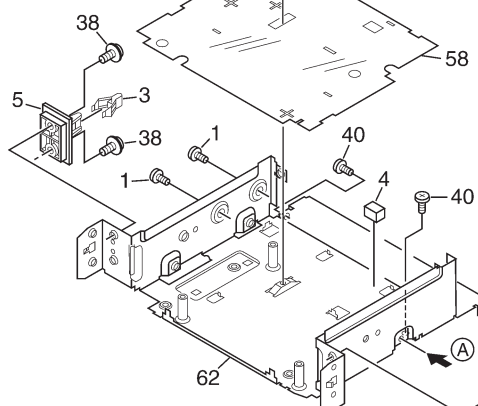
2.2 EXTERIOR(2)

A

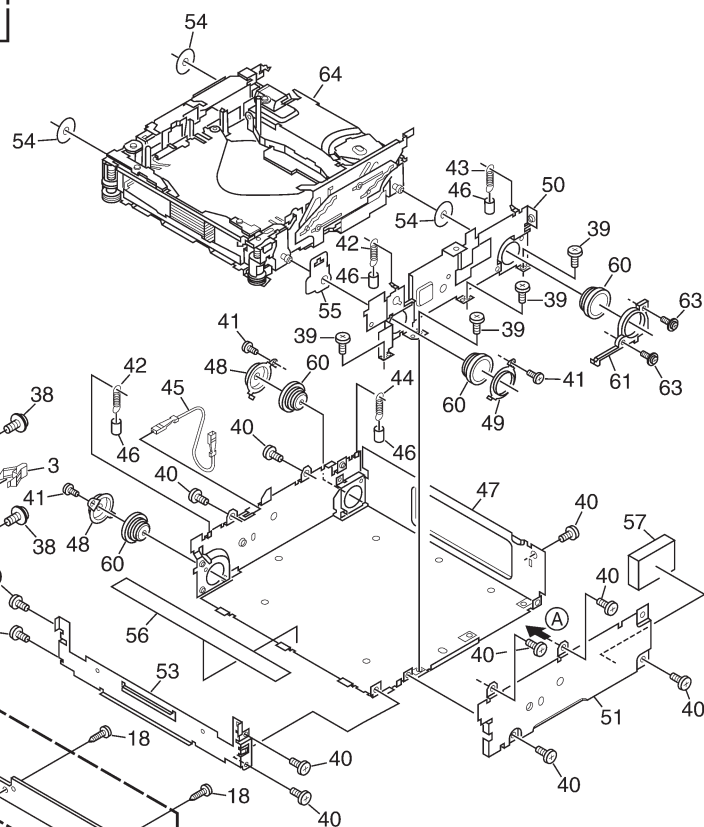


B

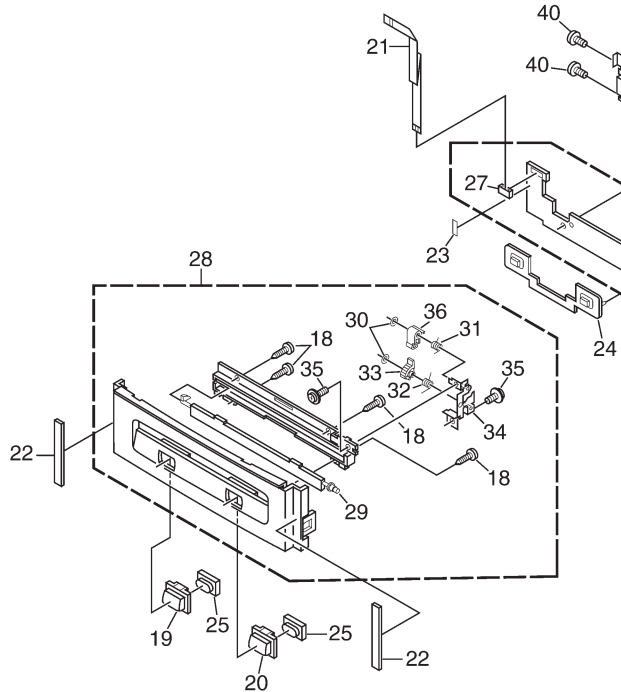
C



D



E

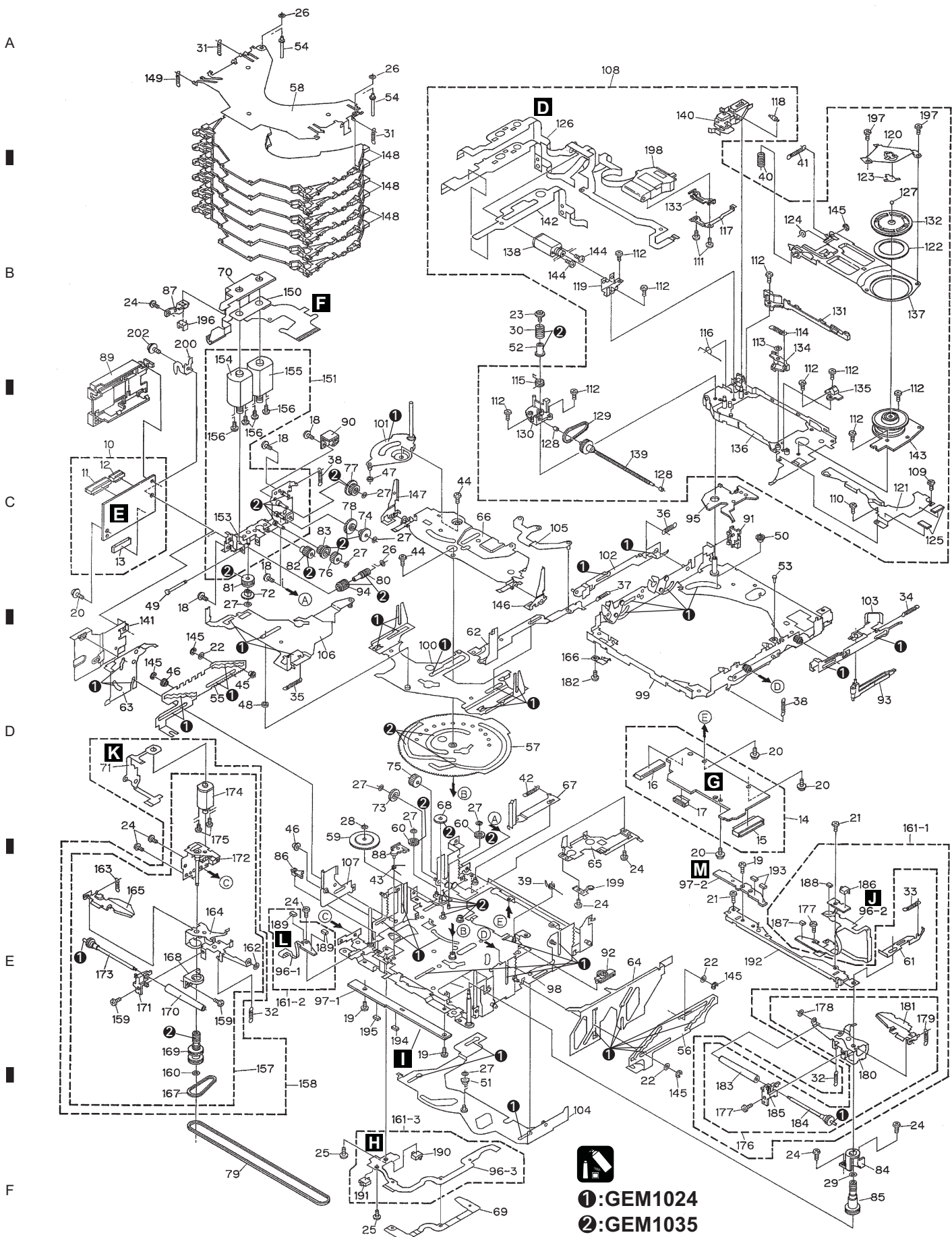


F

● EXTERIOR(2) SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.
1	Screw	BMZ26P050FTC	* 36	Cam	CNV6835
2	Connector	CDE6172	37	Screw	ISS26P050FTC
3	90468-04191	CNC9048	38	Screw	ISS26P060FTC
4	Cushion	CNM6917	39	Screw	BMZ20P020FTC
5	Guide	CNV6044	40	Screw	BMZ26P030FTC
6	Main Unit	CWM8500	41	Screw(M2x2)	CBA1250
7	Screw	BMZ30P060FTC	42	Spring	CBH2472
8	Screw(M3x6)	CBA1393	43	Spring	CBH2473
9	Terminal(CN806)	CKF1059	44	Spring	CBH2478
10	Connector(CN801)	CKM1322	45	Connector	CDE6302
11			46	Tube	CDM1028
* 12	Connector(CN803)	CKM1350	47	Chassis	CNA2131
13	Plug(CN303)	CKS-291	48	Holder	CNC7477
14	Connector(CN301)	CKS3568	49	Holder	CNC7826
15	Connector(CN804)	CKS3751	50	Holder	CNC8160
16	Connector(CN701)	CKS3930	51	Holder	CNC8162
17	Holder	CNC8163	52	Transistor(Q809,811,812)	2SB1185
18	Screw	BPZ20P080FTC	53	Holder	CNC9560
19	Button(CD EJECT)	CAC5969	54	Sheet	CNM5981
20	Button(LOAD)	CAC5968	55	Sheet	CNM6318
21	Connector	CDE6292	56	Insulator	CNM6410
22	Spacer	CNM7179	57	Cusion	CNM6927
23	Sheet	CNM7468	58	Insulator	CNM7141
24	Rubber	CNV6596	59	PCB	CNP5399
25	Lighting Conductor	CNV6638	60	Damper	CNV5120
26	SW Unit	CWM9032	61	Holder	CNV5543
27	Connector(CN905)	CKS4354	62	Chassis Unit	CXB9067
28	Grille Unit	CXC1761	63	Screw	IMS20P040FTC
29	Door	CAT2260	64	Mechanism Assy(G1)(Srevic)	CXX1564
30	Washer	CBF1037			
31	Spring	CBH2506			
32	Spring	CBH2507			
33	Gear	CNV6116			
34	Bracket Unit	CXB7686			
35	Screw	IMS20P030FTC			

2.3 MECHANISM ASSY(G1)(SERVICE)



● MECHANISM ASSY(G1)(SERVICE) SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	A
1-9	●●●●●		59	Gear	CNC7236	
10	CD Core Unit(Servo Unit)	CWX2421	60	Gear	CNC9512	
11	Connector(CN101)	CKS2764	61	Lever	CNC7243	
12	Connector(CN301)	CKS3966	62	Lever	CNC7244	
13	Connector(CN201)	CKS3991	63	Lever	CNC7245	
14	CD Core Unit(STS Unit)	CWX2422	64	Lever Unit	CXB4944	
15	Connector(CN701)	CKS3989	65	Cover	CNC7441	
16	Connector(CN801)	CKS3989	66	Holder Unit	CXB4946	
17	Connector(CN802)	CKS4054	67	Lever	CNC9088	
18	Screw(M2x2.5)	CBA1651	68	Gear	CNC8140	B
19	Screw(M2x2.5)	CBA1041	69	Sheet	CNM6840	
20	Screw(M2x2.5)	CBA1624	70	PCB	CNP5764	
21	Screw(M2x2)	CBA1250	71	PCB	CNP6010	
22	Washer	CBA1529	72	Gear	CNR1479	
23	Screw(M2x2.5)	CBA1452	73	Gear	CNR1481	
24	Screw(M2x1.9)	CBA1453	74	Gear	CNR1495	
25	Screw(M2x2)	CBA1479	75	Gear	CNR1501	
26	Washer	CBF1037	76	Gear	CNR1502	
27	Washer	CBF1038	77	Gear	CNR1540	
28	Washer	CBF1039	78	Gear	CNR1541	C
29	Washer	CBF1064	79	Belt	CNT1080	
30	Spring	CBH2007	80	Worm Gear	CNV6807	
31	Spring	CBH2271	81	Gear	CNV5047	
32	Spring	CBH2274	82	Gear	CNV5048	
33	Spring	CBH2014	83	Gear	CNV5049	
34	Spring	CBH2015	84	Holder	CNV5056	
35	Spring	CBH2016	85	Pulley	CNV5058	
36	Spring	CBH2017	86	Arm	CNV5061	
37	Spring	CBH2290	87	Spacer	CNV5066	
38	Spring	CBH2366	88	Arm	CNV5189	D
39	Spring	CBH2064	89	Cover	CNV5207	
40	Spring	CBH2195	90	Cover	CNV6808	
41	Spring	CBH2196	91	Cover	CNV5425	
42	Spring	CBH2224	92	Lever	CNV5427	
43	Spring	CBH2250	93	Arm	CNV5491	
44	Screw(M2x3)	CBA1082	94	Gear	CNV5519	
45	Roller	CLA3154	95	Holder	CNV5648	
46	Roller	CLA3157	* 96	Composite PCB	CNX3557	
47	Roller	CLA3159	97	Composite PCB	CNX2989	E
48	Roller	CLA3160	98	Chassis Unit	CXB5940	
49	Shaft	CLA3179	99	Frame Unit	CXB7801	
50	Spacer	CLA3194	100	Lever Unit	CXB6026	
51	Roller	CLA3248	101	Arm Unit	CXB7533	
52	Bush	CLA3353	102	Lever Unit	CXB2708	
* 53	Shaft	CLA3469	103	Lever Unit	CXB2709	
54	Shaft	CLA3693	104	Lever Unit	CXB4949	
55	Steer	CNC7215	105	Arm Unit	CXB2712	
56	Steer	CNC7216	106	Lever Unit	CXB9086	
57	Cam	CNC8774	107	Lever Unit	CXB2714	F
58	Holder	CNC7235	108	Carriage Mechanism Unit(G1T)	CXB4941	

A

Mark No.	Description	Part No.
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109	Screw(M2x2.2)	CBA1604
110	Screw(M2x2)	CBA1250
111	Screw(M2x3.8)	CBA1362
112	Screw(M2x2.4)	CBA1471
113	Washer	CBF1038

114	Spring	CBH2008
115	Spring	CBH2009
116	Spring	CBH2010
117	Spring	CBL1335
118	Roller	CLA3913

B

* 119	Bracket	CNC7228
120	Guide Unit	CXB4417
121	Cover	CNC9504
122	Sheet	CNM6414
123	Sheet	CNM5378

124	Washer	CBE1053
125	Sheet	CNM5827
126	PCB	CNP6164
127	Ball	CNR1189
128	Bearing	CNR1423

C

129	Belt	CNT1079
130	Holder	CNV5037
131	Guide	CNV5040
132	Clamper	CNV5042
133	Rack	CNV5111

134	Arm	CNV5579
135	Holder	CNV5759
136	Chassis Unit	CXB8450
137	Arm Unit	CXB2705
138	Motor Unit(M4 CARRIAGE)	CXC1389

D

139	Screw Unit	CXB3179
140	Lever Unit	CXB4450
141	Bracket	CNC8584
142	Spacer	CNM6345
143	Motor(M5 SPINDLE)	CXM1279

144	Screw	JFZ14P020FZK
145	Washer	YE15FUC
146	Arm Unit	CXB6052
147	Arm Unit	CXB6053
148	Tray Assy	CXB7656

E

149	Spring	CBH2269
150	Sheet	CNM7109
151	Cam Motor Assy	CXB7809
152	●●●●●	
* 153	Bracket Unit	CXB5201

* 154	Motor Unit(M1 Cam Gear)	CXC1395
* 155	Motor Unit(M3 ELV)	CXC1386
156	Screw	JFZ20P025FTC
157	Loading Arm L Assy	CXC1950
158	Load Arm L Assy(Service)	CXX1469

F

Mark No.	Description	Part No.
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159	Screw(M2x1.9)	CBA1453
160	Washer	CBF1038
161	Load Arm R Assy(Service)	CXX1457
162	Washer	CBF1074
163	Spring	CBH2690

* 164	Arm	CNC7241
* 165	Arm	CXC1948
166	Holder	CBL1508
167	Belt	CNT1079
168	Holder	CNV5055

169	Pulley	CNV5057
170	Roller	CNV6209
171	Guide	CNV5125
* 172	Bracket Unit	CXB5937
173	Roller Gear Unit	CXB3176

* 174	Motor Unit(M2 LOAD)	CXC1388
175	Screw	JFZ14P020FZK
176	Loading Arm R Assy	CXC1951
177	Screw(M2x1.9)	CBA1453
178	Washer	CBF1074

179	Spring	CBH2690
* 180	Arm	CNC7242
* 181	Arm	CXC1949
182	Screw	JFZ20P014FTC
183	Roller	CNV6209

184	Roller Gear Unit	CXB3176
185	Guide	CNV5126
186	Switch(S885 MAX)	CSN1052
187	LED(D883)	CL205IRXTU
188	Photo-transistor(Q881)	CPT230SCTD

189	LED(D891,892)	CL205IRXTU
190	Switch(S887 CLAMP)	CSN1051
191	Switch(S886 ELV HOME)	CSN1052
192	Bracket Unit	CXB6086
193	Photo-transistor(Q851,852)	CPT230SCTD

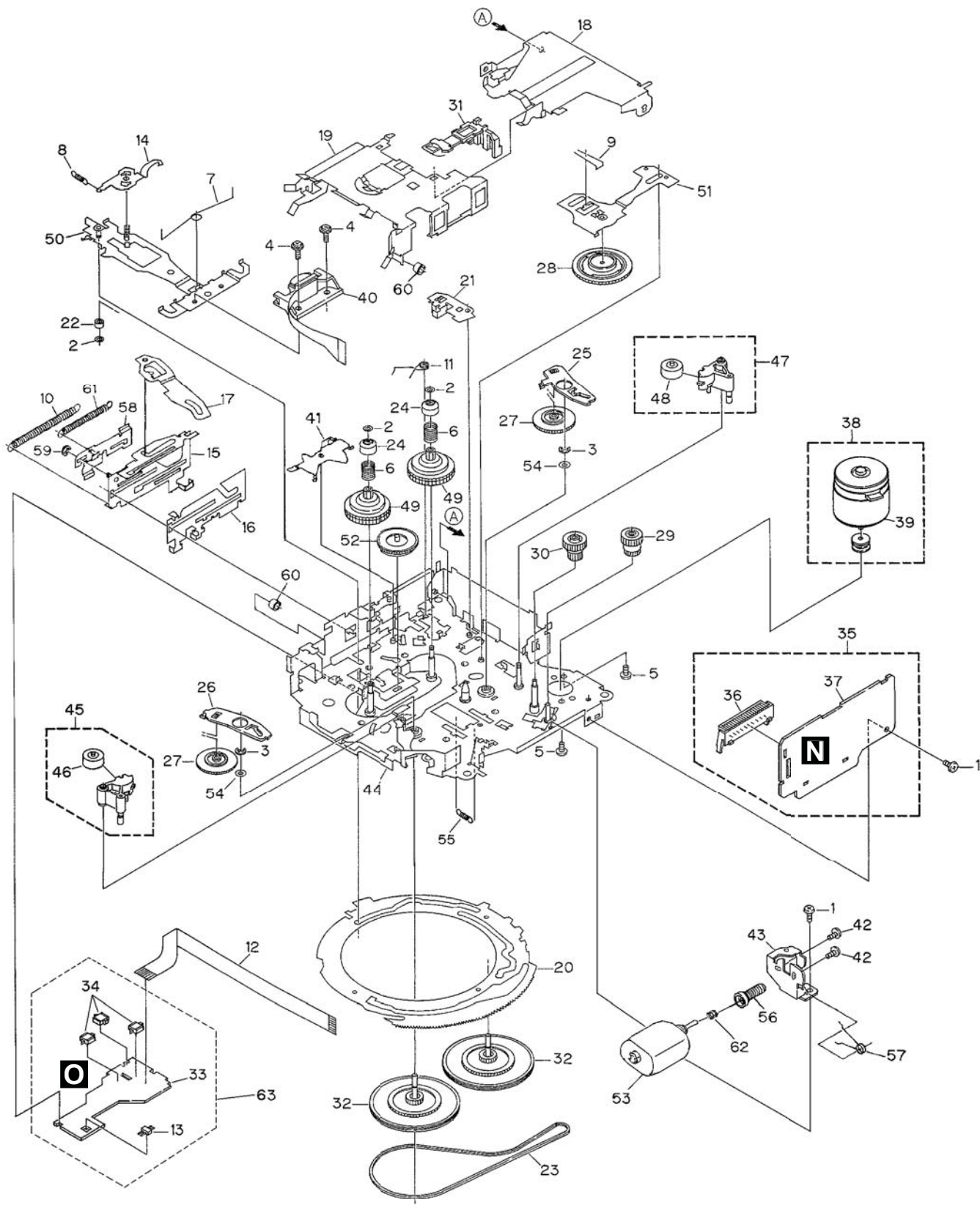
194	Resistor(R856)	RS1/8S911J
195	Resistor(R857)	RS1/8S821J
196	Photo-interrupter(Q1)	RPI-221
197	Screw(M2x1.4)	CBA1687
198	Pickup Unit(P8)(Service)	CXX1313

199	Spring	CBL1467
200	Bracket	CNC8902
201	●●●●●	
202	Screw(M2x4)	CBA1015

2.4 CASSETTE MECHANISM MODULE



For grease application, refer to the service manual for CX-1011 (CRT2406).



● CASSETTE MECHANISM MODULE SECTION PARTS LIST

Mark No.	Description	Part No.	Mark No.	Description	Part No.	
1	Screw	BSZ20P040FMC	46	Pinch Roller	ENV1518	
2	Washer	CBF1037	47	Pinch Holder Unit	EXA1607	
3	Washer	CBG1003	48	Pinch Roller	ENV1518	
4	Screw	EBA1028	49	Reel Unit	EXA1625	
5	Screw	CBA1037	50	Head Base Unit	EXA1611	
6	Spring	EBH1653	51	Lever Unit	EXA1587	
7	Spring	EBH1642	52	Gear Unit	EXA1596	
8	Spring	EBH1641	53	Motor Unit(M2)	EXA1623	
9	Spring	EBH1626	54	Washer	HBH-179	
10	Spring	EBH1627	55	Spring	EBH1537	
11	Spring	EBH1648	56	Worm Gear	ENV1564	
12	Cord	EDD1024	57	Spring	EBH1655	
13	Photo-reflector(Q101)	EGN1004	58	Lever	ENC1548	
14	Arm	ENC1526	59	Washer	YE15FUC	
15	Lever	EXA1610	60	Tube	ENM1039	
16	Lever	ENC1543	61	Spring	EBH1645	
17	Arm	ENC1532	62	Spring	EBH1545	
18	Frame	ENC1533	63	Sensor Unit	EWM1041	
19	Holder	ENC1547				
20	Gear	ENC1535				
21	Arm	ENC1550				
22	Roller	ENR1040				
23	Belt	ENT1027				
24	Collar	ENV1508				
25	Arm	ENV1539				
26	Arm	ENV1540				
27	Gear	ENV1569				
28	Gear	ENV1547				
29	Gear	ENR1044				
30	Worm Wheel	ENV1559				
31	Lever	ENV1551				
32	Flywheel	ENV1554				
33	Gathering PCB	ENX1073				
34	Switch(S101,S102,S103)	ESG1007				
35	Deck Unit	EWM1031				
36	Plug(CN251)	CKS3540				
37	Gathering PCB	ENX1066				
38	Motor Unit(M1)	EXA1618				
39	Motor	EXM1035				
40	Head Assy(HD1)	EXA1594				
41	Arm	ENC1537				
42	Screw	JGZ20P025FNI				
43	Bracket	ENC1559				
44	Chassis Unit	EXA1636				
45	Pinch Holder Unit	EXA1608				

5. ELECTRICAL PARTS LIST

NOTES:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○○J,RS1/○○S○○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

====Circuit Symbol and No.====Part Name	Part No.	====Circuit Symbol and No.====Part Name	Part No.
A Unit Number : CWM8500 Unit Name : Main Unit		Q 828 Transistor	DTA114EK
MISCELLANEOUS		Q 829 FET	2SJ517
IC 301 IC	NJM2068MD	Q 830 Transistor	DTC123YK
IC 302 IC	NJM2068MD	Q 831 Transistor	2SC2712
IC 303 IC	NJM2068MD	Q 833 Transistor	DTC114EK
IC 305 IC	TC74HC4066AF		
IC 601 IC	PD5832A	Q 839 Transistor	2SB1132
IC 602 IC	HA12187FP	Q 840 Transistor	DTC123YK
IC 603 IC	S-80835CNUA-B8U	Q 852 Transistor	IMX1
IC 701 IC	PD5715B	Q 854 Transistor	IMX1
Q 301 Transistor	DTC343TK	Q 856 Transistor	IMD3A
Q 302 Transistor	DTC343TK	D 301 Diode	UDZS20(B)
Q 303 Transistor	DTC343TK	D 302 Diode	UDZS20(B)
Q 304 Transistor	DTC343TK	D 303 Diode	UDZS20(B)
Q 305 Transistor	DTC343TK	D 304 Diode	UDZS20(B)
Q 306 Transistor	DTC343TK	D 305 Diode	HZU4LL(C)
Q 307 Transistor	DTC343TK	D 601 Diode	1SS355
Q 308 Transistor	DTC343TK	D 602 Diode	1SS355
Q 309 Transistor	DTA114EK	D 605 Diode	1SS355
Q 601 Transistor	2SA1162	D 606 Diode	1SS355
Q 602 Transistor	DTA114EK	D 607 Diode	1SS355
Q 603 Transistor	DTA114EK	D 608 Diode	1SS355
Q 701 Transistor	DTA144EK	D 609 Diode	1SS355
Q 702 Transistor	DTA114EK	D 610 Diode	1SS355
Q 801 Transistor	DTC114EK	D 611 Diode	UDZS18(B)
Q 804 Transistor	2SD1664	D 612 Diode	UDZS18(B)
Q 805 Transistor	2SC2712	D 701 Diode	1SS355
Q 806 Transistor	2SC2712	D 801 Diode	1SS355
Q 807 Transistor	2SC2712	D 802 Diode	UDZS5R6(B)
Q 808 Transistor	2SB1132	D 803 Diode	ERC05-10BE3
Q 809 Transistor	2SB1185	D 804 Diode	1SS355
Q 811 Transistor	2SB1185	D 805 Diode	UDZS20(B)
Q 812 Transistor	2SB1185	D 806 Diode	ERA15-02VH
Q 813 Transistor	2SA1162	D 807 Diode	UDZS5R6(B)
Q 814 Transistor	2SA1162	D 808 Diode	HZU8R2(B1)
Q 816 Transistor	2SD2226K	D 809 Diode	HZU8R2(B1)
Q 817 Transistor	2SC2712	D 810 Diode	HZU8R2(B1)
Q 818 Transistor	2SB1132	D 811 Diode	1SS355
Q 819 Transistor	2SA1162	D 812 Diode	HZU8R2(B1)
Q 820 Transistor	2SC2712	D 813 Diode	1SS355
Q 821 Transistor	2SC2712	D 814 Diode	HZU8R2(B3)
Q 822 Transistor	2SB1132	D 819 Diode	ERA15-02VH
Q 823 Transistor	DTC123YK	D 821 Diode	HZU8R2(B3)
Q 824 Transistor	DTA114EK	L 601 Inductor	LCTC4R7K3216
Q 825 Transistor	2SA1162	L 701 Inductor	LCTC4R7K3216
Q 826 FET	2SJ517	L 801 Choke Coil 0.8mH	CTH1239
Q 827 Transistor	DTC123YK	L 802 Inductor	LCTC4R7K3216
		TH 701 Thermistor	CCX1037
		X 601 Radiator 10.00MHz	CSS1428
		X 701 Radiator 6.29MHz	CSS1621
		FU 801 Fuse 5A	CEK1195

====Circuit Symbol and No.==Part Name

Part No.

RESISTORS

R 301	RS1/10S122J
R 302	RS1/10S122J
R 303	RS1/10S473J
R 304	RS1/10S473J
R 307	RS1/10S123J
R 308	RS1/10S123J
R 309	RS1/10S183J
R 310	RS1/10S183J
R 311	RS1/10S223J
R 312	RS1/10S223J
R 313	RS1/10S911J
R 314	RS1/10S911J
R 315	RS1/10S473J
R 316	RS1/10S473J
R 317	RS1/10S911J
R 318	RS1/10S911J
R 319	RS1/10S223J
R 320	RS1/10S223J
R 321	RS1/10S223J
R 322	RS1/10S223J
R 323	RS1/10S222J
R 324	RS1/10S222J
R 325	RS1/10S222J
R 326	RS1/10S222J
R 327	RS1/10S510J
R 328	RS1/10S510J
R 329	RS1/10S510J
R 330	RS1/10S510J
R 331	RS1/10S103J
R 332	RS1/10S153J
R 333	RS1/10S470J
R 334	RS1/10S470J
R 335	RS1/10S470J
R 336	RS1/10S470J
R 337	RS1/10S103J
R 338	RS1/10S392J
R 341	RS1/10S302J
R 342	RS1/10S302J
R 343	RS1/10S104J
R 344	RS1/10S104J
R 345	RS1/10S223J
R 355	RS1/10S472J
R 356	RS1/10S102J
R 601	RS1/10S102J
R 602	RS1/10S473J
R 605	RS1/10S471J
R 606	RS1/16S221J
R 608	RS1/10S102J
R 609	RS1/10S681J
R 610	RS1/16S102J
R 611	RS1/16S104J
R 612	RS1/16S102J
R 613	RS1/10S473J
R 614	RS1/10S102J
R 615	RS1/10S471J
R 616	RS1/10S473J
R 618	RS1/10S472J
R 619	RAB4CQ102J
R 620	RAB4CQ473J
R 621	RS1/16S102J
R 622	RS1/16S473J
R 623	RS1/10S102J
R 624	RS1/10S103J
R 625	RS1/16S102J
R 626	RS1/16S473J

====Circuit Symbol and No.==Part Name

Part No.

R 627	RAB4CQ102J
R 628	RAB4CQ473J
R 629	RS1/10S102J
R 630	RS1/16S102J
R 631	RS1/16S102J
R 632	RAB4CQ102J
R 633	RS1/10S473J
R 634	RS1/10S473J
R 635	RS1/10S102J
R 637	RS1/16S473J
R 638	RS1/10S102J
R 639	RAB4CQ102J
R 640	RS1/16S102J
R 641	RAB4CQ473J
R 642	RS1/10S102J
R 643	RS1/16S102J
R 644	RS1/10S681J
R 647	RAB4CQ102J
R 648	RS1/16S102J
R 649	RS1/10S473J
R 651	RS1/10S104J
R 652	RS1/4S101J
R 653	RS1/4S101J
R 654	RS1PMF680J
R 657	RS1/16S221J
R 658	RS1/16S102J
R 659	RS1/16S102J
R 660	RS1/16S104J
R 661	RS1/16S104J
R 662	RS1/16S102J
R 663	RS1/16S102J
R 664	RS1/16S102J
R 665	RS1/16S473J
R 666	RS1/16S473J
R 667	RS1/16S473J
R 668	RS1/16S102J
R 669	RS1/16S102J
R 674	RS1/16S102J
R 677	RS1/16S473J
R 680	RS1/16S102J
R 681	RS1/16S102J
R 682	RS1/16S102J
R 701	RS1/10S433J
R 702	RS1/10S103J
R 703	RS1/10S222J
R 704	RS1/10S103J
R 705	RS1/10S102J
R 706	RS1/16S222J
R 707	RS1/16S103J
R 708	RAB4CQ331J
R 710	RS1/10S104J
R 711	RS1/10S331J
R 712	RS1/10S103J
R 713	RS1/16S102J
R 714	RS1/16S222J
R 715	RS1/16S103J
R 716	RS1/16S102J
R 717	RS1/10S102J
R 718	RS1/10S471J
R 719	RS1/10S102J
R 720	RS1/16S471J
R 722	RS1/16S222J
R 723	RS1/16S473J
R 724	RS1/10S102J
R 725	RS1/16S471J
R 726	RS1/16S471J
R 727	RAB4CQ102J
R 728	RAB4CQ471J
R 729	RAB4CQ471J
R 730	RAB4CQ471J

A

B

C

D

E

F

====Circuit Symbol and No.==Part Name

Part No.

====Circuit Symbol and No.==Part Name

Part No.

A

R 731 RS1/10S471J
 R 732 RS1/10S912J
 R 733 RS1/10S102J
 R 734 RAB4CQ222J
 R 735 RS1/10S273J

R 861
 R 862
 R 863
 R 864
 R 865

RS1/10S103J
 RS1/10S102J
 RS1/10S103J
 RS1/10S102J
 RS1/10S473J

R 736 RS1/10S512J
 R 737 RS1/10S104J
 R 738 RS1/10S154J
 R 739 RS1/10S103J
 R 740 RS1/16S102J

R 866
 R 867
 R 876
 R 877

RS1/10S104J
 RS1/10S223J
 RS1/10S103J
 RS1/10S102J

CAPACITORS

R 741 RS1/16S222J
 R 742 RS1/16S103J
 R 743 RS1/16S102J
 R 744 RS1/16S471J
 R 745 RS1/16S222J

C 301 4.7μF/35V
 C 302 4.7μF/35V
 C 305 4.7μF/35V
 C 306 4.7μF/35V
 C 307 4.7μF/35V

CCH1016
 CCH1016
 CCH1016
 CCH1016
 CCH1016

B

R 746 RS1/16S473J
 R 747 RS1/16S222J
 R 748 RS1/16S222J
 R 749 RS1/16S222J
 R 750 RS1/16S103J

C 308 4.7μF/35V
 C 309
 C 310
 C 311 4.7μF/35V
 C 312 4.7μF/35V

CCH1016
 CCSQCH330J50
 CCSQCH330J50
 CCH1016
 CCH1016

R 751 RS1/16S471J
 R 801 RS1/8S222J
 R 802 RS1/8S472J
 R 803 RS1/8S222J
 R 804 RS1/8S472J

C 313 4.7μF/35V
 C 314 4.7μF/35V
 C 315
 C 316
 C 317

CCH1016
 CCH1016
 CCSQCH330J50
 CCSQCH330J50
 CKSQYB331K50

C

R 805 RS1/8S222J
 R 806 RS1/8S472J
 R 807 RS1/8S221J
 R 809 RS1/10S473J
 R 810 RS1/10S104J

C 318
 C 319
 C 320
 C 321
 C 322

CKSQYB331K50
 CKSQYB682K50
 CKSQYB682K50
 CKSQYB682K50
 CKSQYB682K50

R 811 RS1/10S104J
 R 812 RS1/10S104J
 R 813 RS1/10S473J
 R 814 RS1/10S104J
 R 815 RS1/10S223J

C 323
 C 324
 C 325
 C 326
 C 327

CEALNP4R7M16
 CEALNP4R7M16
 CEALNP4R7M16
 CEALNP4R7M16
 CCSQCH101J50

R 816 RS1/10S122J
 R 820 RS1/10S123J
 R 821 RS1/10S103J
 R 822 RS1/10S103J
 R 823 RS1/10S223J

C 328
 C 329
 C 330
 C 331
 C 333

CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50
 CKSQYB104K50
 CKSQYB103K50

D

R 824 RS1/10S102J
 R 825 RS1/10S331J
 R 826 RS1/10S103J
 R 827 RS1/10S471J
 R 828 RS1/10S102J

C 334
 C 335
 C 336
 C 337 4.7μF/35V
 C 338 4.7μF/35V

CEJQ101M6R3
 CEJQ101M16
 CKSQYB104K50
 CCH1016
 CCH1016

R 829 RS1/10S223J
 R 830 RS1/10S221J
 R 831 RS1/10S331J
 R 832 RS1/10S471J
 R 833 RS1/10S102J

C 341
 C 342
 C 343
 C 601
 C 603

CKSQYB104K50
 CEAL4R7M16
 CEAL100M16
 CKSQYB102K50
 CEAL100M16

R 840 RS1/4S1R5J
 R 841 RS1/4S1R5J
 R 842 RS1/4S1R5J
 R 843 RS1/4S1R5J
 R 844 RS1/10S471J

C 604
 C 605
 C 606
 C 607
 C 608

CKSQYB103K50
 CKSQYB103K50
 CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50

E

R 845 RS1/10S471J
 R 846 RS1/10S105J
 R 847 RS1/10S361J
 R 848 RS1/10S1501D
 R 849 RS1/10S2701D

C 609
 C 610
 C 611
 C 612
 C 613

CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50

R 850 RS1/4S2R2J
 R 851 RS1/10S471J
 R 852 RS1/10S105J
 R 853 RS1/10S102J
 R 854 RS1/10S2201D

C 614
 C 615
 C 616
 C 617
 C 618

CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50
 CCSQCH101J50
 CCSQCH102J50

R 855 RS1/10S2401D
 R 856 RS1/10S103J
 R 857 RS1/10S102J
 R 859 RS1/10S103J
 R 860 RS1/10S103J

C 619
 C 620
 C 621
 C 622
 C 623

CCSQCH102J50
 CCSQCH102J50
 CCSQCH102J50
 CCSQCH102J50
 CCSQCH102J50

F

====Circuit Symbol and No.==Part Name

Part No.

C	624	CCSQCH102J50
C	625	CKSQYB103K50
C	626	CKSQYB103K50
C	627	CCSQCH181J50
C	628	CCSQCH181J50
C	630	CKSQYB102K50
C	701	CKSQYB102K50
C	702	CKSQYB102K50
C	704	CKSQYB102K50
C	705	CKSQYB102K50
C	706	CKSQYB102K50
C	711	CKSQYB102K50
C	712	CKSQYB102K50
C	717	CKSQYB102K50
C	721	CKSQYB104K50
C	722	CEAL100M16
C	723	CKSQYB103K50
C	724	CKSQYB102K50
C	725	CKSQYB102K50
C	726	CKSQYB102K50
C	727	CKSQYB102K50
C	728	CCSQCH101J50
C	801	CKSQYB102K50
C	802	CEAL1R0M50
C	803	CKSQYB102K50
C	804	2200μF/16V
C	805	CCH1186(P35)
C	806	CKSQYB473K50
C	807	CKSQYB102K50
C	808	CEAL1R0M50
C	809	2200μF/16V
C	811	CCH1186(P35)
C	812	CCSQCH101J50
C	813	CKSQYB103K50
C	814	CEJQ330M10
C	815	CEAL1R0M50
C	816	CKSQYB103K50
C	817	CEJQ101M16
C	818	CKSQYB103K50
C	819	100μF/10V
C	820	CKSQYB103K50
C	824	CKSQYB472K50
C	825	100μF/10V
C	826	CCH1282
C	828	CKSQYB472K50
C	828	CKSQYB103K50
C	829	CKSQYB103K50
C	830	CKSQYB103K50
C	831	CKSQYB103K50
C	833	CKSQYB102K50
C	834	CKSQYB102K50
C	835	CKSQYB102K50
C	838	CEAT102M16(P35)
C	839	CKSQYB223K50
C	840	CKSQYB223K50
C	841	CKSQYB223K50
C	842	CKSQYB223K50
C	843	CKSQYB102K50
C	850	CKSQYB102K50
C	893	CKSQYB222K50
C	894	CKSQYB222K50
C	896	CKSQYB222K50
C	897	CKSQYB222K50

====Circuit Symbol and No.==Part Name

Part No.

B Unit Number : CWM9032
Unit Name : SW Unit

MISCELLANEOUS

D	921	LED	SML-310FC
D	922	LED	SML-310FC
D	923	LED	SML-310FC
D	924	LED	SML-310FC
D	925	LED	SML-310FC

D	926	LED	SML-310DT
D	927	LED	SML-310DT
D	928	LED	SML-310DT
D	929	LED	SML-310DT
D	930	LED	SML-310DT

S	924	Switch(DCLOSE)	CSN1051
IL	923	Lamp 8V 60mA	CEL1683
IL	924	Lamp 8V 60mA	CEL1683

RESISTORS

R	931	RS1/10S201J
R	932	RS1/10S201J
R	933	RS1/10S331J
R	934	RS1/10S221J
R	935	RS1/10S221J

R	936	RS1/10S331J
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CAPACITORS

C	921	CKSQYB102K50
C	922	CKSQYB102K50
C	923	CKSQYB104K50
C	924	CKSQYB104K50
C	925	CKSQYB104K50

C	926	CKSQYB104K50
C	927	CKSQYB104K50
C	928	CKSQYB104K50
C	929	CKSQYB102K50

Keyboard Unit

Consists of
Keyboard PCB
Backlight PCB

C P Unit Number : CWM8510
Unit Name : Keyboard Unit

MISCELLANEOUS

IC	901	IC	LC75804W
D	901	Chip LED	NSCW310-0371
D	902	Chip LED	NSCW310-0371
D	903	Chip LED	NSCW310-0371
D	904	Chip LED	NSCW310-0371

D	905	Chip LED	NSCW310-0371
D	906	Chip LED	NSCW310-0371
D	907	Diode	MA152WA
D	908	Diode	HZU4R7(B3)
D	910	Chip LED	NSCW310-0371

IL	901	Lamp 8V 60mA	CEL1681
IL	902	Lamp 8V 60mA	CEL1683
IL	903	Lamp 8V 60mA	CEL1681
IL	904	Lamp 8V 60mA	CEL1681
IL	905	Lamp 8V 60mA	CEL1681

IL	906	Lamp 8V 60mA	CEL1681
IL	907	Lamp 8V 60mA	CEL1681
IL	908	Lamp 8V 60mA	CEL1681
IL	909	Lamp 8V 60mA	CEL1681
IL	910	Lamp 8V 60mA	CEL1681

====Circuit Symbol and No.==Part Name

Part No.

====Circuit Symbol and No.==Part Name

Part No.

A

IL 911 Lamp 8V 60mA
 IL 912 Lamp 8V 60mA
 IL 913 Lamp 8V 60mA
 IL 914 Lamp 8V 60mA
 IL 915 Lamp 8V 60mA

CEL1681
 CEL1681
 CEL1681
 CEL1683
 CEL1683

R 112
 R 113
 R 114
 R 115
 R 116

RS1/16S222J
 RS1/16S103J
 RS1/16S103J
 RS1/16S102J
 RS1/16S163J

VR 901 Encoder(PWR/VOL)
 VR 903 Volume 50kΩ(B)(FADER)
 VR 904 Volume 50kΩ(B)(BALANCE)
 VR 905 Volume 50kΩ(B)(TREBLE)
 VR 906 Volume 50kΩ(B)(MID)

CCD1100
 CCS1224
 CCS1224
 CCS1224
 CCS1224

R 117
 R 120
 R 121
 R 201
 R 202

RS1/16S163J
 RS1/16S101J
 RS1/16S101J
 RS1/16S104J
 RS1/16S103J

VR 907 Volume 50kΩ(B)(BASS)
 LCD

CCS1224
 CAW1591

R 203
 R 204
 R 205
 R 206
 R 250

RS1/16S332J
 RS1/16S752J
 RS1/16S752J
 RS1/16S101J
 RS1/16S331J

RESISTORS

B

R 901
 R 902
 R 903
 R 904
 R 905

RS1/8S121J
 RS1/8S121J
 RS1/8S121J
 RS1/8S151J
 RS1/8S151J

R 251
 R 252
 R 253
 R 254
 R 255

RS1/16S331J
 RS1/16S331J
 RS1/16S331J
 RS1/16S331J
 RS1/16S471J

R 911
 R 912
 R 915
 R 916
 R 917

RS1/16S102J
 RS1/16S102J
 RS1/10S393J
 RS1/10S222J
 RS1/10S222J

R 256
 R 263
 R 270
 R 271
 R 274

RS1/16S471J
 RS1/16S471J
 RS1/16S101J
 RS1/16S101J
 RS1/16S471J

R 918
 R 919
 R 920
 R 921
 R 922

RS1/10S222J
 RS1/10S122J
 RS1/10S681J
 RS1/16S102J
 RS1/16S223J

R 277
 R 301
 R 302
 R 303
 R 304

RS1/16S471J
 RS1/16S103J
 RS1/16S153J
 RS1/16S103J
 RS1/16S273J

C

R 923
 R 924

RS1/16S223J
 RS1/16S223J

R 305
 R 306
 R 307
 R 308
 R 309

RS1/16S103J
 RS1/16S752J
 RS1/16S103J
 RS1/16S103J
 RS1/16S471J

CAPACITORS

C 911
 C 912
 C 913
 C 914
 C 915

CKSQYB104K16
 CKSQYB104K16
 CKSQYB104K16
 CKSQYB102K50
 CKSQYB474K16

R 311

RS1/16S471J

CAPACITORS

C 916
 C 917
 C 918

CKSQYB103K50
 CCSQCH101J50
 CCSQCH101J50

C 101
 C 102
 C 103
 C 104
 C 105

CEV101M6R3
 CKSQYB104K16
 CEV470M6R3
 CKSQYB334K16
 CCSRCH240J50

D

E Unit Number : CWX2421
 Unit Name : CD Core Unit(Servo Unit)

MISCELLANEOUS

IC 101 IC
 IC 201 IC
 IC 301 IC
 Q 101 Transistor
 Q 102 Transistor

UPC2572GS
 UPD63702AGF
 BA5986FM
 2SD1664
 UMD2N

C 110

CKSQYB104K16

D 301 Diode
 L 201 Inductor
 L 202 Inductor

1SR154-400
 LCYBR15J1608
 LCYBR15J1608

C 111
 C 112
 C 113
 C 114
 C 115

CKSQYB332K50
 CKSQYB473K16
 CKSQYB103K25
 CKSQYB391K50
 CCSRCH121J50

E

X 201 Ceramic Resonator 16.934MHz
 EF 201 Filter

CSS1457
 CCG1076

C 116
 C 117
 C 118
 C 119
 C 120

CKSQYB682K50
 CKSQYB333K16
 CKSQYB334K16
 CKSQYB334K16
 CKSQYB334K16

EF 202 Filter

CCG1076

RESISTORS

R 101
 R 102
 R 104
 R 105
 R 106

RS1/8S100J
 RS1/8S120J
 RS1/16S822J
 RS1/16S682J
 RS1/16S183J

C 121
 C 122
 C 123
 C 124
 C 125

CKSQYB334K16
 CKSQYB104K16
 CKSQYB472K50
 CKSQYB104K16
 CCSRCH5R0C50

R 107
 R 108
 R 109
 R 110
 R 111

RS1/16S822J
 RS1/16S333J
 RS1/16S683J
 RS1/16S134J
 RS1/16S273J

C 126
 C 127
 C 201
 C 202
 C 203

CKSQYB153K25
 CKSQYB102K50
 CKSQYB334K16
 CKSQYB104K16
 CKSQYB104K16

F

====Circuit Symbol and No.====Part Name	Part No.	====Circuit Symbol and No.====Part Name	Part No.
C 204	CKSRYPB471K50	C 601	CKSQYB334K16
C 207	CKSQYB683K16	C 602	CCSRCH221J50
C 208	CKSRYPB821K50	C 603	CKSQYB334K16
C 209	CKSRYPB273K25	C 604	CKSQYB334K16
C 210	CKSQYB334K16	C 605	CSZSR100M10
C 211	CKSQYB334K16	C 606	CKSQYB334K16
C 212	CKSQYB334K16	C 701	CCH1349
C 213	CCH1349	C 702	CEVL101M6R3
C 301	CEV101M10	C 703	CKSQYB334K16
C 302	CEV101M10	C 704	CKSQYB334K16
G Unit Number : CWX2422		C 705	CCSRCH151J50
Unit Name : CD Core Unit(STS Unit)		C 706	CCSRCH151J50
MISCELLANEOUS		C 707	CCSRCH151J50
IC 501	CXD2511R	C 801	CKSQYB104K25
IC 502	MSM514400DP-60TS	C 802	CKSQYB104K25
IC 601	AK4321VF	C 803	CEVL220M16
IC 701	BA05SFP	L Unit Number : Unit Name : PCB Unit(A)	
IC 801	LB1836M	D 891	Chip LED
IC 802	LB1836M	D 892	Chip LED
Q 801	DTA123JK	H Unit Number : Unit Name : PCB Unit(B)	
Q 802	UN2211	S 886	Spring Switch(ELV HOME)
D 701	1SR154-400	S 887	Spring Switch(CLAMP)
D 702	1SR154-400	J Unit Number : Unit Name : PCB Unit(C)	
D 703	1SS355	Q 881	Photo-transistor
D 704	1SS355	D 883	Chip LED
D 705	1SS355	S 885	Spring Switch(MAX DETECT)
D 706	1SS355	M Unit Number : Unit Name : PCB Unit(D)	
D 707	1SS355	Q 851	Photo-transistor
D 708	1SS355	Q 852	Photo-transistor
S 801	CSN1052	I Unit Number : Unit Name : PCB Unit(E)	
S 802	CSN1052	R 856	RS1/8S911J
S 803	CSN1052	R 857	RS1/8S821J
EF 701	CCG1051	F Unit Number : Unit Name : Motor PCB(A)	
EF 702	CCG1051	Q 1	Photo-interrupter
EF 703	CCG1051	M 1	Motor Unit(CAM GEAR)
RESISTORS		M 3	Motor Unit(ELV)
R 501	RS1/16S102J	D Unit Number : Unit Name : Motor PCB(B)	
R 502	RS1/16S202J	M 4	Motor Unit(CARRIAGE)
R 503	RS1/16S392J	M 5	Motor(SPINDELE)
R 504	RS1/16S822J	K Unit Number : Unit Name : Load Motor PCB	
R 505	RS1/16S163J	M 2	Motor Unit(LOAD)
R 506	RS1/16S512J	N Unit Number : EWM1031 Unit Name : Deck Unit	
R 507	RS1/16S182J	MISCELLANEOUS	
R 508	RS1/16S222J	IC 251	IC
R 509	RS1/16S102J	IC 351	IC
R 510	RS1/16S102J	Q 271	Transistor
R 511	RS1/16S102J	D 352	Diode
R 512	RS1/16S102J	VR 301	Semi-fixed 33kΩ(B)
R 513	RS1/16S102J	HA12216F	
R 514	RS1/16S471J	PA2020A	
R 601	RS1/16S101J	2SC4116	
R 602	RS1/16S101J	1SS355	
R 603	RS1/16S471J	CCP1280	
R 604	RS1/16S471J		
R 702	RS1/10S100J		
R 716	RS1/16S471J		
R 717	RS1/16S471J		
R 718	RS1/16S471J		
R 801	RS1/10S102J		
CAPACITORS			
C 501	CKSQYB334K16		
C 502	CKSQYB334K16		
C 503	CKSQYB334K16		
C 504	CCSRCH471J50		
C 506	CCSRCH221J50		

====Circuit Symbol and No.==Part Name		Part No.
VR 302	Semi-fixed 33kΩ(B)	CCP1280
RESISTORS		
R 255		RS1/16S181J
R 256		RS1/16S181J
R 257		RS1/16S183J
R 258		RS1/16S183J
R 259		RS1/16S133J
R 260		RS1/16S133J
R 261		RS1/16S274J
R 262		RS1/16S274J
R 271		RS1/16S183J
R 272		RS1/8S0R0J
R 273		RS1/8S0R0J
R 274		RS1/16S0R0J
R 275		RS1/16S473J
R 276		RS1/16S104J
R 277		RS1/16S224J
R 278		RS1/16S104J
R 281		RS1/8S0R0J
R 282		RS1/8S0R0J
R 283		RS1/8S0R0J
R 284		RS1/8S0R0J
R 285		RS1/16S0R0J
R 287		RS1/16S0R0J
R 291		RS1/8S0R0J
R 292		RS1/10S0R0J
R 293		RS1/10S0R0J
R 294		RS1/10S0R0J
R 321		RS1/8S0R0J
R 322		RS1/8S0R0J
R 351		RS1/16S102J
R 352		RS1/16S102J
R 353		RS1/16S102J
R 354		RS1/16S102J
R 355		RS1/16S274J
R 362		RS1/8S301J
R 373		RS1/16S0R0J
R 374		RS1/8S0R0J
R 375		RS1/8S0R0J
R 401		RS1/16S153J
R 402		RS1/16S332J
R 403		RS1/16S911J
R 404		RS1/16S274J
CAPACITORS		
C 251		CKSRYB391K50
C 252		CKSRYB391K50
C 253		CKSRYB391K50
C 254		CKSRYB391K50
C 255		CKSRYB103K50
C 256		CKSRYB103K50
C 271	1μF/50V	ECH0002
C 272		CKSRYB104K16
C 301		CKSRYB104K16
C 302		CKSRYB104K16
C 309		CKSRYB104K16
C 310		CKSRYB104K16
C 351		CKSQYB224K25
C 352		CKSRYB392K50
C 353		CKSRYB103K50
C 354		CKSRYB103K50
C 355		CKSQYB104K50
C 356		CKSRYB103K50
C 401		CKSRYB392K50
C 402		CKSRYB334K10

====Circuit Symbol and No.==Part Name		Part No.
C 403		CKSRYB223K25
C 404		CKSRYB103K50
C 405		CKSRYB333K16



Unit Number : EWM1041
Unit Name : Sensor Unit

MISCELLANEOUS

L 101	Inductor	CTF1546
L 102	Inductor	CTF1546
S 101	Switch(LOAD)	ESG1007
S 102	Switch(MODE)	ESG1007
S 103	Switch(70μS)	ESG1007
Q 101	Photo-reflector	EGN1004

Miscellaneous Parts List

M 1	Pickup Unit(P8)(Service)	CXX1313
M 2	Motor Unit(MAIN)	EXA1618
HD 1	Motor Unit(SUB)	EXA1623
	Head Assy	EXA1594