HYOSUNG
NAUTILUS HYOSUNG INC.

Spare Parts Manual
MX7800I for NHA
V01.00.00 (2016. 11. 1)

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MoniMax 7800I

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NOVERMBER 1. 2016 1ST Release

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Revision History of System

Spare Parts List - MX7800I for NHA

No.	Version	Date	Description of Change	Chapter
1	V01.00.00	2016-11-01	New Publication	All

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Change History of Spare Parts

Spare Parts List - MX7800I for NHA

ITEM	No of Ref.	1st Mass Production	2nd Mass Production	Remark

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Table of Contents

Chapter 1. Fascia Assembly ····· 15

Chapter 2. Control Electronics (CE)····· 20

Chapter 3. Cash Dispenser Unit (FRONT.) ····· 22

Chapter 4. Cash & Check in Module (CCIM)····· 31

Chapter 5. Coin Hopper ····· 36

Chapter 6. Receipt Printer ····· 38

Chapter 7. OPL & SPL Assembly ····· 41

Chapter 8. Card Reader (MCU) ····· 44

Chapter 9. Safety Body ····· 46

Chapter 10. Miscellaneous ····· 48

Appendix. Sensor, Interface Cable, Actuator, PCBA for CDU:····· 50

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No	Part No.	DESCRIPTION	SYSTEM	Type
1	7223000186	SYSTEM:MX7800I:W_CCIM2.0:STANDARD	ISLAND + CCIM 2.0 + HCDU 5CST	A

No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
1	Fascia Assembly	1	S7134000474	Fascia Assembly	O		1	Repair	D
2		1-1	S4140006494	FRM_FRONT Main	O		1	Repair	E
3		1-2	S4140006514	BEZEL SUPPORT FOR FRONT	O		1	Repair	E
4		1-3	S4140008514	BEZEL KEY TOP	O		1	Repair	E
5		1-4	S7650000194	SIDE LED RED / GRN	O		1	Repair	D
6		1-5	S5611000390	LIGHT SENSOR	O		1	Repair	D
7		1-6	S5766000156	MIC	O		1	Repair	D
8		1-7	S5766000168	WEB CAM	O		1	Repair	D
9		1-8	S7650000195	ENTERNACE LED	O		3	Repair	D
10		1-9	S7650000070	INDICATOR RELAY	O		1	Repair	D
11		1-10	S5611000360	VOICE PCBA	O		1	Repair	D
12		1-11	S4370002893	BEZEL FRONT	O		1	Repair	E
13		1-12	S4140006171	GUIDE WATER CDU.	O		1	Repair	D
14		1-13	S5412000037	ID SCANNER	O		1	Repair	D
15		1-14	S3305000045	CABLE FOR CCD CAMERA	O		2	Repair	D
16		1-15	S4933000386	WINDOW FLICKER	O		4	Repair	E
17		1-16	S4240000020	1 SET / 1KEY	O		1	Repair	D
18		1-17	S5611000361	ADA VOLUME CONTROL PCBA	O		1	Repair	D
19		1-18	S72328702	LED BOARD	O		1	Repair	D
20		1-19	S7130220100	EPP PCI3 TR39	O		1	Repair	C
21		1-20	S4970000640	SPONGE EPP BEZEL	O		1	Repair	C
22		1-21	S5771000050	LAMP FOR LCD	O		1	Repair	E
23		1-22	S5622000005	SLIM HEATER	O		1	Repair	D
24		1-23	S5611000365	CCD CAMERA	O		1	Repair	D
25		1-24	S3305000045	CABLE FOR CCD CAMERA	O		1	Repair	D
26		1-25	S7650000117	PCBA : UPNC	O		1	Repair	D
27		1-26	S3300000100	CABLE : CCD CAMERA	O		1	Repair	E
28		1-27	S4370002556	WINDOW GUIDE	O		1	Repair	E
29		1-28	S5611000204	RF MODULE	O		1	Repair	D
30		1-29	S7650000178	7 PORT USB HUB	O		1	Repair	E
31	Control Electronics	1	S7090000540	CE [Q87 / I5 / 4GB]	O		1	Field	C
32		1-1	S5743000063	PC:TG:Q87	O		1	Repair	D
33		1-2	S5611000395	Main Board [Q87]	O		1	Repair	D

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
34	Control Electronics	1-3	S1020000007	Main Memory [DDR3 2GB]	O		2	Repair	E
35		1-4	S5693000035	SSD [128 GB]	O		1	Repair	D
36		1-5	S5693000028	HDD (500GB)	O		1	Repair	D
37		1-6	S5699000006	DVD-ROM SATA	O		1	Repair	D
38		1-7	S7111000004	ATX Power Supply	O		1	Repair	E
39		1-8	S7650000178	PCBA: 7PORT USB	O		1	Repair	E
40		1-9	S5665000002	VIDEO CARD	O		1	Repair	E
41		1-10	S7650000035	CE Status LED	O		1	Repair	E
42	HCDU - FRONT	1	S7010000226	HCDU 5CST FRONT TYPE	O		1	Field	D
43		1-1	S7310000649	Main Frame for CDU.	O		1	Repair	E
44		1-1-1	S7310000652	ASSY:FRAME_FF	O		1	Repair	E
45		1-1-2	S4170000731	PLATE:CST_GROUND	O		5	Repair	E
46		1-1-3	S7430000286	Ideal Gear Assembly (Z40W8M10)	O		11	Repair	E
47		1-2	7900001191	ASSY:MB	O		1	Field	D
48		1-2-1	S7310000711	ASSY:FRAME_MB	O		1	Repair	E
49		1-2-2	S7310000712	ASSY:SH_32PUL_BS_ID	O		2	Repair	E
50		1-2-3	S4820000275	BELT:80_S3M_768CL	O		2	Repair	E
51		1-2-4	S7310000715	ASSY:MAIN_MOTOR	O		1	Repair	E
52		1-2-5	S7310000716	Driving Pully Assembly_22PUL	O		1	Repair	E
53		1-2-6	S7310000717	Driving Pully Assembly_26PUL	O		1	Repair	E
54		1-2-7	S7310000718	Inside Transportation Guide Assembly	O		1	Repair	E
55		1-2-8	S7310000722	ASSY:BS_MOLD_DB1	O		1	Repair	D
56		1-2-9	S7310000723	Transportation Tension Guide	O		1	Repair	E
57		1-2-10	S7310000724	Upper Transportation Guide Assembly	O		1	Repair	E
58		1-2-11	S7310000725	Rotor Assembly	O		1	Repair	E
59		1-2-11-1	S4350000459	GEAR:Z62Z22M05_ID	O		1	Repair	C
60		1-2-11-2	S7310000726	Carriage Moving CableAssembly	O		1	Repair	D
61		1-2-12	S7310000730	ASSY:SH_20PUL_BS_TN	O		1	Repair	E
62		1-2-13	S7310000731	Ideal Gear Double Type (Z44Z25W08)	O		2	Repair	E
63		1-2-14	S4520000325	Driving Shaft & Rubber Assembly	O		1	Repair	E
64		1-2-15	S7430000297	Gate Solenoid 1	O		1	Repair	E
65		1-2-16	S7430000281	Gate Solenoid 2	O		1	Repair	E
66		1-2-17	S4400000096	LEVER:LOCK_RJRT	O		1	Repair	D
67		1-2-18	S4500000767	MOLD:RJRT_LEVER_CAP	O		1	Repair	D
68		1-2-20	S4590000827	BUSH:ACETAL_OD10ID6W4	O		1	Repair	E

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
69	HCDU - FRONT	1-2-21	S7310000733	Carriage Assembly	O		1	Repair	D
70		1-2-21-1	S4820000274	BELT:SMV1_214_65	O		2	Repair	E
71		1-2-21-2	S7310000740	ASSY:BF_STOPPER_AUTO	O		1	Repair	E
72		1-2-22	S4370001688	Reject Gate	O		1	Repair	E
73		1-3	S7430000301	ASSY:THROAT_FR	O		1	Field	D
74		1-3-1	S4280000084	MOLD:P_INT_BRKT	O		1	Repair	E
75		1-3-2	S4500000752	MOLD:PRISM_6_24_CDU10	O		2	Repair	E
76		1-4	S7310000386	Note Separator for Cassette 1 & 2	O		1	Field	D
77		1-4-1	S4970000209	SPONGE:VULKO_300_4T	O		2	Repair	E
78		1-4-2	S4520000317	F(Feed) Roller	O		2	Repair	D
79		1-4-3	S4600000439	PRISM_PHI16_2L13_6	O		2	Repair	E
80		1-4-4	S4520000315	G(Gate) Roller	O		2	Repair	D
81		1-4-5	S4520000313	Pinch Roller	O		2	Repair	D
82		1-4-6	S7430000242	UNIT_SUB_ASSY:SOL_SF	O		2	Repair	E
83		1-4-7	S4441000048	P(Pick-Up) Roller Rubber	O		4	Repair	D
84		1-4-8	S4820000027	Driving Belt (W04L96_S3M)	O		2	Repair	E
85		1-4-9	S4820000026	Driving Belt (W05L192_S3M)	O		1	Repair	E
86		1-4-10	S4820000028	Driving Belt (W08L516_S3M)	O		2	Repair	E
87		1-5	S7430000255	Note Separator for Cassette 3 & 4	O		1	Field	D
88		1-6	S7430001005	CASSETTE_MAIN_LEVERKEY	O		5	Field	D
89		1-6-1	S4350000477	GEAR_Z16W35M10_DR	O		10	Repair	E
90		1-6-2	S4320000020	LOCK_DOOR_BAR_CST	O		5	Repair	E
91		1-6-3	S4450000023	LOCK_SHUTTER_R_CST	O		5	Repair	E
92		1-6-4	S4450000024	LOCK_SHUTTER_L_CST	O		5	Repair	E
93		1-6-5	S7430000211	ASSY:PUSH_PLATE_CST	O		5	Repair	E
94		1-7	S7430001006	Reject/Retract Cassette	O		1	Field	D
95		1-7-1	S4350000455	ROLL_SH_B_Z34W5_M1	O		1	Repair	E
96		1-7-2	S4440000180	ROLL_SH_A_Z34W5_M1	O		1	Repair	E
97		1-7-3	S4500000717	RJRT_RT_BOX_LEVER	O		1	Repair	E
98		1-7-4	S4310000201	RJRT_COVER_LOCK_BAR	O		1	Repair	E
99		1-7-5	S4450000032	SHU_LEV_R_Z66W39_M15	O		1	Repair	E
100		1-7-6	S4450000033	SHU_LEV_L_Z66W39_M15	O		1	Repair	E
101		1-7-7	S4440000171	RJRT_ROLLER	O		8	Repair	E
102		1-7-8	S4441000060	RUBBER:WHEEL_STACK_60PHI	O		2	Repair	E
103		1-8	S7430000444	5th Feeding Module	O		1	Field	D

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
104	HCDU - FRONT	1-8-2	S4380000027	Locking Knob for Cassette	O		1	Repair	E
105		1-8-3	S4500000679	Hinge Cap for Lcoking Knob	O		1	Repair	E
106		1-9	S7430000445	Note Separator for Cassette 5	O		1	Field	D
107		1-9-9	S4820000289	BELT:W08_L264_S3M	O		2	Repair	E
108		1-10	S44925203	HANDLE GREEN	O		1	Repair	E
109		1-11	S4210004550	SUPPORT HCDU LEFT	O		1	Repair	E
110		1-12	S4210004551	SUPPORT HCDU RIGHT	O		1	Repair	E
111		1-13	S4210004552	SUPPORT HCDU R_D	O		1	Repair	E
112	Cash & Check In Module (CCIM)	1	S7003000018	CCIM 2.0 METAL DUMY	O		1	Field	D
113		1-1	S7430001170	Main Frame Assembly	O		1	Repair	E
114		1-2	S7430000901	Top 1st Frame Assembly	O		1	Repair	E
115		1-3	S7430001178	1st Motor Assembly	O		1	Repair	D
116		1-4	S7430001179	2nd Motor Assembly	O		1	Repair	D
117		1-5	S5639000012	Solenoid	O		1	Repair	D
118		1-6	S7430001188	7th Motor+Gear Assembly	O		1	Repair	D
119		1-7	S7430000902	Top 2nd Frame Assembly	O		1	Repair	E
120		1-8	S7430001164	B3 MIDDLE ASSY	O		1	Repair	E
121		1-9	S7760000134	CCIM Condition Check LED PCBA ASS	O		1	Repair	E
122		1-10	S7430000903	Bottom Module Frame Assembly	O		1	Repair	E
123		1-11	S7430000626	BOTTOM FRAME Assy	O		1	Repair	E
124		1-12	S7430000628	CST LEFT FRAME Assy	O		1	Repair	E
125		1-13	S4605000361	Cassette Key for CCIM	O		1	Repair	C
126		1-14	S7430000906	Cash&Check Alignment Module	O		1	Repair	C
127		1-15	S7430000582	ALG GUIDE INNER Assy	O		1	Repair	E
128		1-16	S7430001169	Cash&Check Reject Module	O		1	Repair	D
129		1-17	S7430000905	Cash&Check Bill Checker Module	O		1	Repair	D
130		1-18	S5250000005	ENCODER SENSOR	O		1	Repair	D
131		1-19	S7430001160	BC CHECKER Assy	O		1	Repair	D
132		1-20	S7760000103	BC MR BOARD	O		1	Repair	D
133		1-21	S7430000904	Ultra Sonic Module	O		1	Repair	E
134		1-22	S7430001039	SCM Upper ASSY	O		1	Repair	D
135		1-23	S7430001043	SCM Lower ASSY	O		1	Repair	E
136		1-24	S7430005275	Cash&Check Separate Module	O		1	Repair	D
137		1-25	S7430000909	Cassette Box for CCIM	O		1	Field	C
138		1-26	S7430000910	Retract Box for CCIM	O		1	Field	C

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
139	Cash & Check In Module (CCIM)	1-27	S7430001168	Cash&Check Escrow Module	O		1	Field	C
140		1-28	S7430001294	TAPE ESCROW MODULE	O		1	Repair	D
141		1-29	S4840000102	Anti Static Brush	O		1	Repair	D
142		1-30	S7430001057	Print Ink Housing Module	O		1	Repair	E
143		1-31	S7430001051	Print Felt Module	O		1	Repair	D
144		1-32	S5766000072	Felt	O		1	Repair	D
145		1-33	S5672000005	Print Ink	O		1	Repair	D
146		1-34	S7430001241	SCM Power transmission Pulley Assy	O		1	Repair	D
147		1-35	S7430001395	SCM Power Transmission Belt	O		1	Repair	D
148		1-36	S7430001243	SCM Power transmission Belt Tension	O		1	Repair	D
149		1-37	S7430000900	Top 3rd Frame Assembly	O		1	Repair	E
150		1-38	S7430001222	B3 ESC Upper Guide Assembly	O		1	Repair	E
151		1-39	S7430002270	Fix&Move MICR Module	O		1	Repair	E
152		1-40	S7430001792	MAIN CASSETTE_CASH	O		1	Field	D
153		1-41	S7490000019	4 PORT USB	O		1	Repair	E
154		1-42	S7430005273	METAL SHUTTER	O		1	Repair	D
155		1-36	S5672000005	CARTRIDGE INKJET HP	O		1	Field	C
156	COIN HOPPER	1	S4260000718	BEZEL COIN FOR 1C	O		1	Repair	D
157		2	S4260000719	BEZEL COIN FOR 5C	O		1	Repair	D
158		3	S4260000720	BEZEL COIN FOR 10C	O		1	Repair	D
159		4	S4260000721	BEZEL COIN FOR 25C	O		1	Repair	D
160		5	S5402000013	COIN HOPPER 1 C	O		1	Repair	D
161		6	S5402000014	COIN HOPPER 5 C	O		1	Repair	D
162		7	S5402000015	COIN HOPPER 10 C	O		1	Repair	D
163		8	S5402000016	COIN HOPPER 25 C	O		1	Repair	D
164		9	S5611000032	PCBA FOR COIN I/F BOARD	O		1	Repair	D
165	Receipt Printer (SPR)	1	S7020000056	K-SPR11 UNIT	O		1	Field	C
166		1-1	S4605000066	Guide Bracket of Outlet Assembly	O		1	Repair	D
167		1-2	S5640000024	Feed motor of outlet Assembly	O		1	Repair	E
168		1-3	S21685202	Detecting light Sensor	O		1	Repair	D
169		1-4	S21685201	Emitting light Sensor	O		1	Repair	E
170		1-5	S57422612	Thermal Head	O		1	Repair	D
171		1-6	S21685601	Paper Remaining Detecting Sensor	O		1	Repair	D
172		1-7	S45473801	Hanger of Receipt Paper	O		1	Repair	E
173		1-8	S7320000069	Paper End Detecting Sensor	O		1	Repair	E

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
174	Receipt Printer (SPR)	1-9	S7760000223	Control B/D of Receipt Printer (USB)	O		1	Repair	D
175		1-10	S7320000121	K-SPR11 OUTLET	O		1	Repair	E
176		1-11	S7320000078	JAM SENSOR	O		1	Repair	D
177		1-12	S7320000068	TPH SUPPORT	O		1	Repair	E
178		1-13	S7320000088	ROLL FRAME	O		1	Repair	E
179	OPL & SPL	1	S7100000191	OPL FOR 21.5 INCH	O		1	Field	C
180		1-1	S5633000014	FAN	O		4	Repair	D
181		1-2	S7650000178	PCAB FOR 7 PORT USB HUB	O		1	Repair	E
182		1-3	S4370002835	BEZEL FOR OPL	O		1	Repair	E
183		1-4	S4140006177	BASE FOR 21.5 INCH	O		1	Repair	E
184		1-5	S3200004077	CABLE WITH OPL FAN	O		1	Repair	E
185		1-6	S5661000066	21.5 INCH MONITOR	O		1	Repair	D
186		1-7	S5659000032	T/S FOR 21.5 INCH	O		1	Repair	D
187		1-8	S5611000389	AD BOARD FOR 21.5 INCH	O		1	Repair	D
188		1-9	S3300000195	CABLE FOR TOUCH SCREEN	O		1	Repair	D
189		2	S7110000046	10.1 INCH SPL	O		1	Field	D
190		2-1	S4140006724	MOLD FOR SPL	O		1	Repair	D
191		2-2	S5611000166	TOUCH CONTROL [SPL]	O		1	Repair	D
192		2-3	S5659000024	TOUCH PANEL	O		1	Repair	D
193		2-4	S4370002537	COVER FOR SPL BACK	O		1	Repair	D
194		2-5	S3300000005	LVDS	O		1	Repair	D
195		3	S5661000105	10.1' LCD	O		1	Repair	D
196		3-1	S5611000268	AD BOARD FOR 10.1'	O		1	Repair	D
197		3-2	S44925203	HANDLE : GREEN	O		1	Repair	E
198	Card Reader	1	S5645000026	SANKYO DIP	O		1	Field	C
199		2	S4970000939	MCU SPONGE	O		1	Repair	E
200	Safety Body	1	S4240000015	KABA-MAS LOCK	O		2	Repair	C
201		2	S3240000001	TWO DOOR SENSOR	O		1	Repair	D
202		3	S3353000022	MODULAR COUPLER	O		2	Repair	D
203		4	S7170000370	BNA_CASTER	O		1	Repair	E
204		5	S4100000371	Handle for Safety Door	O		1	Repair	E
205		6	S3325000024	POWER CORD	O		1	Repair	E
206		7	S3356000048	Terminal Block	O		1	Repair	E
207		8	S5611000122	Seismic Sensor and Heat Detector	O		2	Repair	E
208		9	S33763301	Proper Position Detection Sensor	O		1	Repair	E

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
209	Safety Body	10	S4860000025	PLASTIC CHAIN	O		1	Repair	E
210		11	S4110000117	HINGE_STEEL:SAFETY_COVER	O		4	Repair	E
211		12	S4901000002	KEY:LOCK_CAP	O		1	Repair	E
212	Miscellaneous	1	S5621000038	Power Supply	O		1	Repair	E
213		2	S5678000154	MYUNGSEPYO	O		1	Repair	E
214		3	S5672000005	Cartridge	O		1	Repair	D
215		4	S5300000031	GAS SPRING	O		2	Repair	D
216		5	S7200000715	BETTERY	O		1	Repair	E
217		6	S5633000020	FAN	O		2	Repair	E
218		7	S5622000005	HEATER	O		2	Repair	D
219		8	S7430000392	AC INLET BOX	O		1	Repair	D
220	Appendix. Sensor for CDU		S5220000025	All-in-One (- MB : HS012, HS022, HS016)	O		3	Repair	D
221			S2168000046	All-in-One - SF : HS102, HS202, HS302, HS402, HS502 - MB : HS007, HS008, HS015 - Throat : HS017, HS023	O		10	Repair	D
222			S2168000016	Receiving Light Rank A - MB : HS001D, HS005D / - Red Dot	O		2	Repair	D
223			S2168000015	Emitting Light Rank A - MB : HS001T, HS005T, HS004T - Red Dot	O		3	Repair	D
224			S5220000002	Receiving Light - SF : HS104T, HS204T, HS304T, HS404T, HS504T, HS101T, HS201T, HS301T, HS401T, HS501T	O		8	Repair	D
225			S5220000001	Emitting Light - SF : HS104D, HS204D, HS304D, HS404D, HS504D, HS101D, HS201D, HS301D, HS401D, HS501D	O		8	Repair	D
226			S5220000005	Receiving Light : - SF : HS003T	O		1	Repair	D
227			S5220000004	Emitting Light : - SF : HS003D	O		1	Repair	D
228			S3200000246	Reflective Sensor - Cassette : HS103, HS203, HS303, HS403, HS503	O		5	Repair	E
229	Appendix. Interface Cable for CDU.		S3200000502	Interface Cable for Cassette #5 - Connect 5FM Board to Cassette #5	O		1	Field	E
230			S3200000266	Interface Cable for Separate Module(SF12) - Connect Main Control Board to HS003 Sensor	O		1	Repair	E
231			S3200000277	Interface Cable for Separate Module(SF34) - Connect FM Board to SF34 Sensor	O		1	Repair	E

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
232	Appendix. Interface Cable for CDU.		S3200000501	Interface Cable for Separate Module(SF5) - Connect 5FM Board to SF5 Sensor	O		1	Repair	E
233			S3200000500	Interface Cable for Separate Module(SF5) - Connect 5FM Board to SF5 Solenoid	O		1	Repair	E
234			S3200000271	Interface Cable for SOL1 and SOL2 at MB	O		1	Field	E
235			S3200000269	Main Cable for MB Sensors	O		1	Repair	E
236			S3200000498	Interface Flat Cable - Connect Main Control Board to 5FM Board	O		1	Field	E
237			S3200000267	Interface Cable for Throat Motor & Sensors - Front type CDU10	O		1	Repair	E
238			S3200000283	Interface Cable for double detect sensor - Connect Main Control Board to Hall sub-board	O		1	Repair	E
239			S3200000282	Interface Cable inside Cassette	O		5	Repair	E
240			S3300000031	Interface Cable Seperate Step Motor - SF12 & SF34	O		2	Repair	E
241			S3300000030	Interface Cable for Rotor Step Motor	O		1	Repair	E
242			S3300000032	Interface Cable Seperate Step Motor - SF5	O		1	Repair	E
243	Appendix. Actuator for CDU		S7430000451	Pick-up Motor for SF5 without cable - SF5 : HM09	O		1	Repair	E
244			S5640000127	Main DC Motor with Cable(only Motor) - MB : HM01	O		1	Repair	E
245			S5639000024	Linear Solenoid for Gate and pick-up - MB : SOL1 - SF12 : SOL3, SOL4 - SF34 : SOL5, SOL6 / SF5 : SOL7	O		6	Repair	E
246			S5639000029	Linear Solenoid for Reject/Retract Box - MB : SOL2	O		1	Repair	E

※ Category
- ✓ Field : Parts can be available to replace at the field.
- ✓ Repair : Parts cannot be replace in the field and it has to replace at Repair Center or Depot

※ QTY
- ✓ The quantity which it needs to make one ATM.

※ Recommended QTY
- ✓ It is a rate for Parts quantity when Customer operates 100 ATMs for one year.

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Chapter 1. Fascia Assembly

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
1	Fascia Assembly	1	S7134000474	Fascia Assembly	O		1	Repair	D
2		1-1	S4140006494	FRAME FRONT Main	O		1	Repair	E
3		1-2	S4140006514	BEZEL SUPPORT FOR FRONT	O		1	Repair	E
4		1-3	S4140008514	BEZEL KEY TOP	O		1	Repair	E
5		1-4	S7650000194	SIDE LED RED / GRN	O		1	Repair	D
6		1-5	S5611000390	LIGHT SENSOR	O		1	Repair	D
7		1-6	S5766000156	MIC	O		1	Repair	D
8		1-7	S5766000168	WEB CAM	O		1	Repair	D
9		1-8	S7650000195	ENTERNACE LED	O		3	Repair	D
10		1-9	S7650000070	INDICATOR RELAY	O		1	Repair	D
11		1-10	S5611000360	VOICE PCBA	O		1	Repair	D
12		1-11	S4370002893	BEZEL FRONT	O		1	Repair	E
13		1-12	S4140006171	GUIDE WATER CDU.	O		1	Repair	D
14		1-13	S5412000037	ID SCANNER	O		1	Repair	D
15		1-14	S3305000045	CABLE FOR CCD CAMERA	O		2	Repair	D

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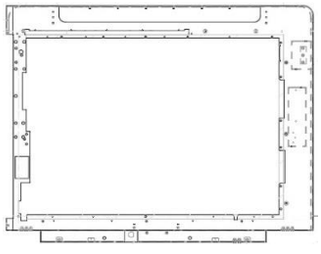

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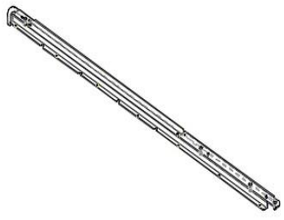

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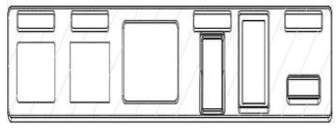

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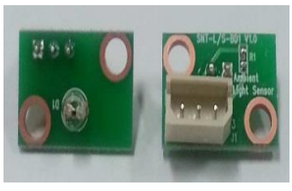

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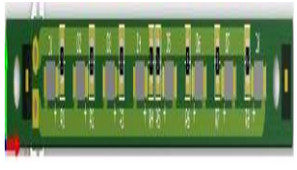

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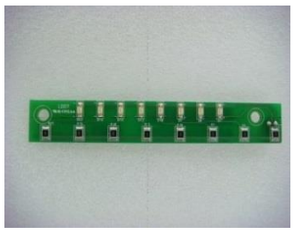

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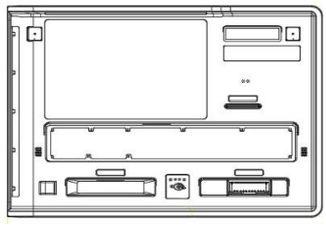

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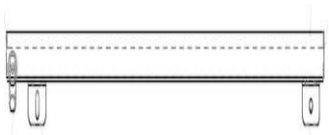

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
16	Fascia Assembly	1-15	S4933000386	WINDOW FLICKER	O		4	Repair	E
17		1-16	S4240000020	1 SET / 1KEY	O		1	Repair	D
18		1-17	S5611000361	ADA VOLUME CONTROL PCBA	O		1	Repair	D
19		1-18	S72328702	LED BOARD	O		1	Repair	D
20		1-19	S7130220100	EPP PCI3 TR39	O		1	Repair	C
21		1-20	S4970000640	SPONGE EPP BEZEL	O		1	Repair	C
22		1-21	S5771000050	LAMP FOR LCD	O		1	Repair	E
23		1-22	S5622000005	SLIM HEATER	O		1	Repair	D
24		1-23	S5611000365	CCD CAMERA	O		1	Repair	D
25		1-24	S3305000045	CABLE FOR CCD CAMERA	O		1	Repair	D
26		1-25	S7650000117	PCBA : UPNC	O		1	Repair	D
27		1-26	S3300000100	CABLE : CCD CAMERA	O		1	Repair	E
28		1-27	S4370002556	WINDOW GUIDE	O		1	Repair	E
29		1-28	S5611000204	RF MODULE	O		1	Repair	D
30		1-29	S7650000178	7 PORT USB HUB	O		1	Repair	E

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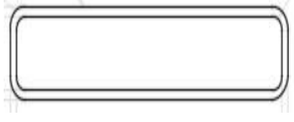

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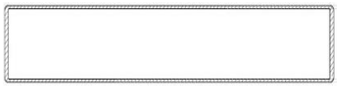

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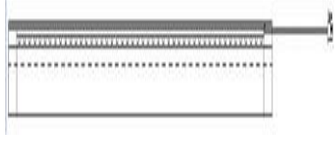

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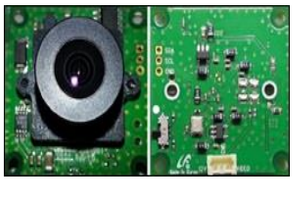

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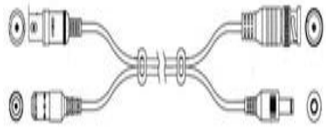

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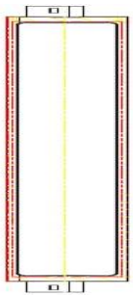
28		**29**		**30**	

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Chapter 2. Control Electronics

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
31	Control Electronics	1	S7090000540	CE [Q87 / I5 / 4GB]	O		1	Field	C
32		1-1	S5743000063	PC:TG:Q87	O		1	Repair	D
33		1-2	S5611000395	Main Board [Q87]	O		1	Repair	D
34		1-3	S1020000007	Main Memory [DDR3 2GB]	O		2	Repair	E
35		1-4	S5693000035	SSD [128 GB]	O		1	Repair	D
36		1-5	S5693000028	HDD (500GB)	O		1	Repair	D
37		1-6	S5699000006	DVD-ROM SATA	O		1	Repair	D
38		1-7	S7111000004	ATX Power Supply	O		1	Repair	E
39		1-8	S7650000178	PCBA: 7PORT USB	O		1	Repair	E
40		1-9	S5665000002	VIDEO CARD	O		1	Repair	E
41		1-10	S7650000035	CE Status LED	O		1	Repair	E

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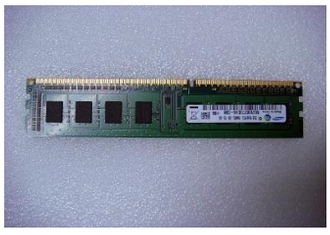

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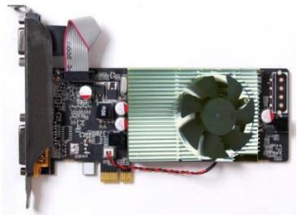

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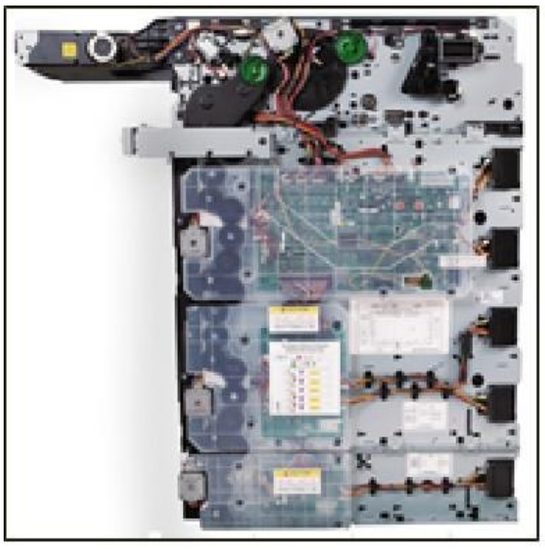
Chapter 3. Cash Dispenser Unit (FRONT)



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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
42	HCDU - FRONT	1	S7010000226	HCDU 5CST FRONT TYPE	O		1	Field	D
43		1-1	S7310000649	Main Frame for CDU.	O		1	Repair	E
44		1-1-1	S7310000652	ASSY:FRAME_FF	O		1	Repair	E
45		1-1-2	S4170000731	PLATE:CST_GROUND	O		5	Repair	E
46		1-1-3	S7430000286	Ideal Gear Assembly (Z40W8M10)	O		11	Repair	E
47		1-2	7900001191	ASSY:MB	O		1	Field	D
48		1-2-1	S7310000711	ASSY:FRAME_MB	O		1	Repair	E
49		1-2-2	S7310000712	ASSY:SH_32PUL_BS_ID	O		2	Repair	E
50		1-2-3	S4820000275	BELT:80_S3M_768CL	O		2	Repair	E
51		1-2-4	S7310000715	ASSY:MAIN_MOTOR	O		1	Repair	E
52		1-2-5	S7310000716	Driving Pully Assembly_22PUL	O		1	Repair	E
53		1-2-6	S7310000717	Driving Pully Assembly_26PUL	O		1	Repair	E
54		1-2-7	S7310000718	Inside Transportation Guide Assembly	O		1	Repair	E
55		1-2-8	S7310000722	ASSY:BS_MOLD_DB1	O		1	Repair	D
56		1-2-9	S7310000723	Transportation Tension Guide	O		1	Repair	E
57		1-2-10	S7310000724	Upper Transportation Guide Assembly	O		1	Repair	E
58		1-2-11	S7310000725	Rotor Assembly	O		1	Repair	E
59		1-2-11-1	S4350000459	GEAR:Z62Z22M05_ID	O		1	Repair	C

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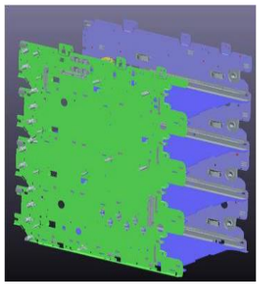

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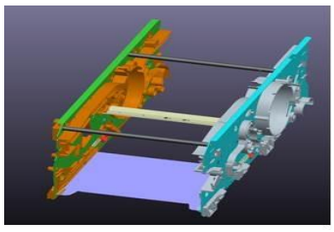

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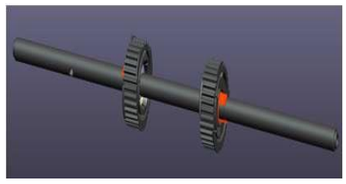

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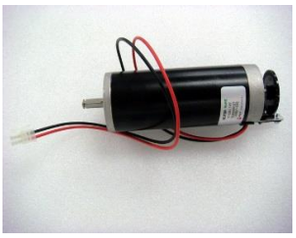

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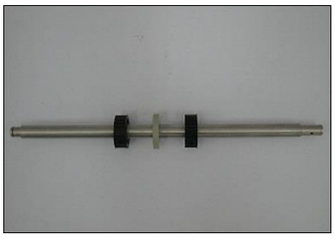

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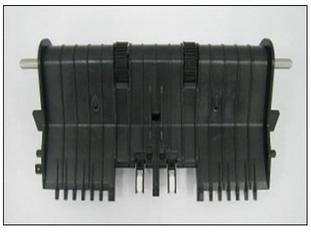

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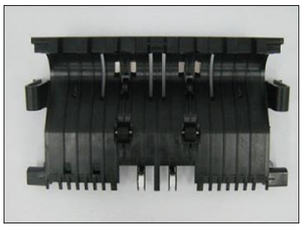

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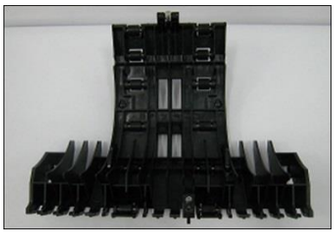

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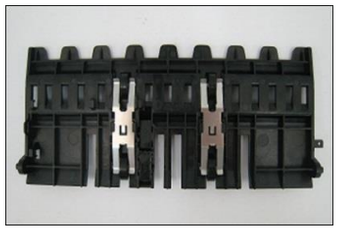

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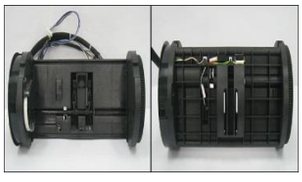

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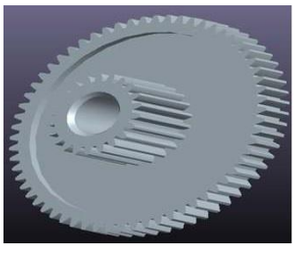

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
60	HCDU - FRONT	1-2-11-2	S7310000726	Carriage Moving CableAssembly	O		1	Repair	D
61		1-2-12	S7310000730	ASSY:SH_20PUL_BS_TN	O		1	Repair	E
62		1-2-13	S7310000731	Ideal Gear Double Type (Z44Z25W08)	O		2	Repair	E
63		1-2-14	S4520000325	Driving Shaft & Rubber Assembly	O		1	Repair	E
64		1-2-15	S7430000297	Gate Solenoid 1	O		1	Repair	E
65		1-2-16	S7430000281	Gate Solenoid 2	O		1	Repair	E
66		1-2-17	S4400000096	LEVER:LOCK_RJRT	O		1	Repair	D
67		1-2-18	S4500000767	MOLD:RJRT_LEVER_CAP	O		1	Repair	D
68		1-2-20	S4590000827	BUSH:ACETAL_OD10ID6W4	O		1	Repair	E
69		1-2-21	S7310000733	Carriage Assembly	O		1	Repair	D
70		1-2-21-1	S4820000274	BELT:SMV1_214_65	O		2	Repair	E
71		1-2-21-2	S7310000740	ASSY:BF_STOPPER_AUTO	O		1	Repair	E
72		1-2-22	S4370001688	Reject Gate	O		1	Repair	E
73		1-3	S7430000301	ASSY:THROAT_FR	O		1	Field	D
74		1-3-1	S4280000084	MOLD:P_INT_BRKT	O		1	Repair	E
75		1-3-2	S4500000752	MOLD:PRISM_6_24_CDU10	O		2	Repair	E
76		1-4	S7310000386	Note Separator for Cassette 1 & 2	O		1	Field	D
77		1-4-1	S4970000209	SPONGE:VULKO_300_4T	O		2	Repair	E

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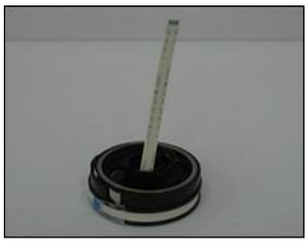

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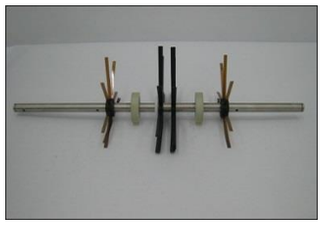

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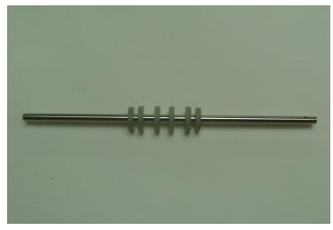

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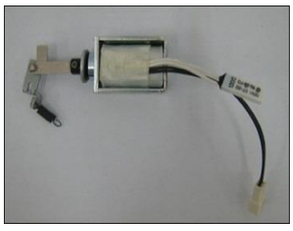

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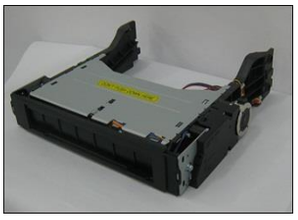

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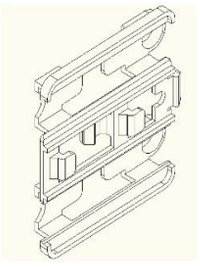

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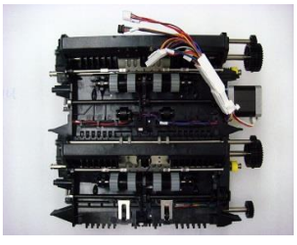

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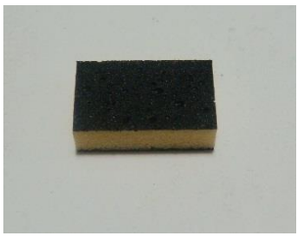

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
78	HCDU - FRONT	1-4-2	S4520000317	F(Feed) Roller	O		2	Repair	D
79		1-4-3	S4600000439	PRISM_PHI16_2L13_6	O		2	Repair	E
80		1-4-4	S4520000315	G(Gate) Roller	O		2	Repair	D
81		1-4-5	S4520000313	Pinch Roller	O		2	Repair	D
82		1-4-6	S7430000242	UNIT_SUB_ASSY:SOL_SF	O		2	Repair	E
83		1-4-7	S4441000048	P(Pick-Up) Roller Rubber	O		4	Repair	D
84		1-4-8	S4820000027	Driving Belt (W04L96_S3M)	O		2	Repair	E
85		1-4-9	S4820000026	Driving Belt (W05L192_S3M)	O		1	Repair	E
86		1-4-10	S4820000028	Driving Belt (W08L516_S3M)	O		2	Repair	E
87		1-5	S7430000255	Note Separator for Cassette 3 & 4	O		1	Field	D
88		1-6	S7430001005	CASSETTE_MAIN_LEVERKEY	O		5	Field	D
89		1-6-1	S4350000477	GEAR_Z16W35M10_DR	O		10	Repair	E
90		1-6-2	S4320000020	LOCK_DOOR_BAR_CST	O		5	Repair	E
91		1-6-3	S4450000023	LOCK_SHUTTER_R_CST	O		5	Repair	E
92		1-6-4	S4450000024	LOCK_SHUTTER_L_CST	O		5	Repair	E
93		1-6-5	S7430000211	ASSY:PUSH_PLATE_CST	O		5	Repair	E
94		1-7	S7430001006	Reject/Retract Cassette	O		1	Field	D
95		1-7-1	S4350000455	ROLL_SH_B_Z34W5_M1	O		1	Repair	E

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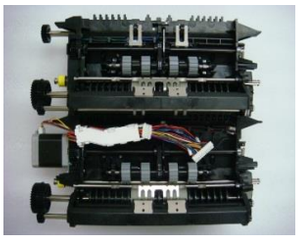

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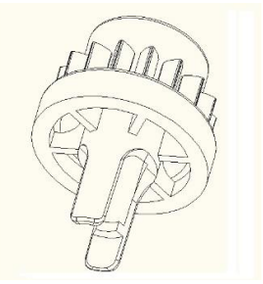

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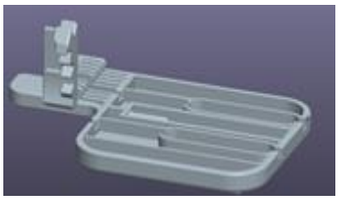

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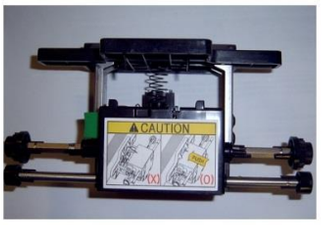

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
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96	HCDU - FRONT	1-7-2	S4440000180	ROLL_SH_A_Z34W5_M1	O		1	Repair	E
97		1-7-3	S4500000717	RJRT_RT_BOX_LEVER	O		1	Repair	E
98		1-7-4	S4310000201	RJRT_COVER_LOCK_BAR	O		1	Repair	E
99		1-7-5	S4450000032	SHU_LEV_R_Z66W39_M15	O		1	Repair	E
100		1-7-6	S4450000033	SHU_LEV_L_Z66W39_M15	O		1	Repair	E
101		1-7-7	S4440000171	RJRT_ROLLER	O		8	Repair	E
102		1-7-8	S4441000060	RUBBER:WHEEL_STACK_60PHI	O		2	Repair	E
103		1-8	S7430000444	5th Feeding Module	O		1	Field	D
104		1-8-2	S4380000027	Locking Knob for Cassette	O		1	Repair	E
105		1-8-3	S4500000679	Hinge Cap for Lcoking Knob	O		1	Repair	E
106		1-9	S7430000445	Note Separator for Cassette 5	O		1	Field	D
107		1-9-9	S4820000289	BELT:W08_L264_S3M	O		2	Repair	E
108		1-10	S44925203	HANDLE GREEN	O		1	Repair	E
109		1-11	S4210004550	SUPPORT HCDU LEFT	O		1	Repair	E
110		1-12	S4210004551	SUPPORT HCDU RIGHT	O		1	Repair	E
111		1-13	S4210004552	SUPPORT HCDU R_D	O		1	Repair	E

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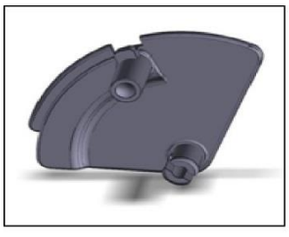

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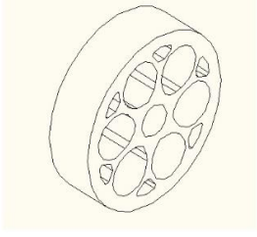

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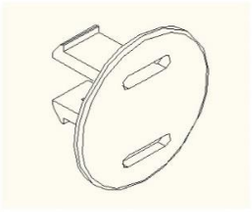

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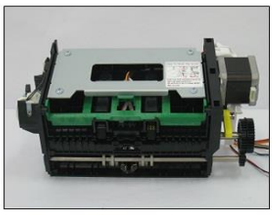

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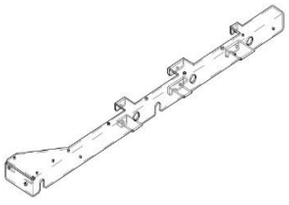

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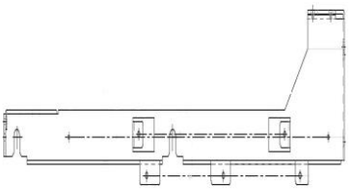

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Chapter 4. Cash & Check In Module (CCIM)

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
112	Cash & Check In Module (CCIM)	1	S7003000018	CCIM 2.0 METAL DUMY	O		1	Field	D
113		1-1	S7430001170	Main Frame Assembly	O		1	Repair	E
114		1-2	S7430000901	Top 1st Frame Assembly	O		1	Repair	E
115		1-3	S7430001178	1st Motor Assembly	O		1	Repair	D
116		1-4	S7430001179	2nd Motor Assembly	O		1	Repair	D
117		1-5	S5639000012	Solenoid	O		1	Repair	D
118		1-6	S7430001188	7th Motor+Gear Assembly	O		1	Repair	D
119		1-7	S7430000902	Top 2nd Frame Assembly	O		1	Repair	E
120		1-8	S7430001164	B3 MIDDLE ASSY	O		1	Repair	E
121		1-9	S7760000134	CCIM Condition Check LED PCBA ASS	O		1	Repair	E
122		1-10	S7430000903	Bottom Module Frame Assembly	O		1	Repair	E
123		1-11	S7430000626	BOTTOM FRAME Assy	O		1	Repair	E
124		1-12	S7430000628	CST LEFT FRAME Assy	O		1	Repair	E
125		1-13	S4605000361	Cassette Key for CCIM	O		1	Repair	C
126		1-14	S7430000906	Cash&Check Alignment Module	O		1	Repair	C
127		1-15	S7430000582	ALG GUIDE INNER Assy	O		1	Repair	E
128		1-16	S7430001169	Cash&Check Reject Module	O		1	Repair	D
129		1-17	S7430000905	Cash&Check Bill Checker Module	O		1	Repair	D
130		1-18	S5250000005	ENCODER SENSOR	O		1	Repair	D
131		1-19	S7430001160	BC CHECKER Assy	O		1	Repair	D
132		1-20	S7760000103	BC MR BOARD	O		1	Repair	D
133		1-21	S7430000904	Ultra Sonic Module	O		1	Repair	E

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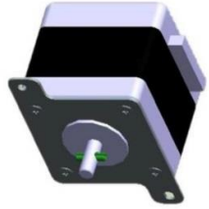

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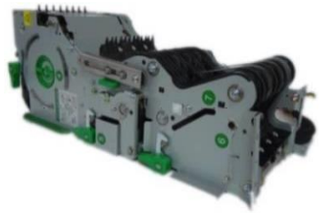

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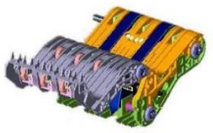

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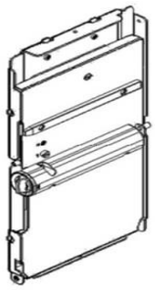

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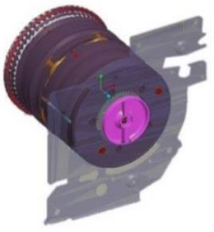

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
134	Cash & Check In Module (CCIM)	1-22	S7430001039	SCM Upper ASSY	O		1	Repair	D
135		1-23	S7430001043	SCM Lower ASSY	O		1	Repair	E
136		1-24	S7430005275	Cash&Check Separate Module	O		1	Repair	D
137		1-25	S7430000909	Cassette Box for CCIM	O		1	Field	C
138		1-26	S7430000910	Retract Box for CCIM	O		1	Field	C
139		1-27	S7430001168	Cash&Check Escrow Module	O		1	Field	C
140		1-28	S7430001294	TAPE ESCROW MODULE	O		1	Repair	D
141		1-29	S4840000102	Anti Static Brush	O		1	Repair	D
142		1-30	S7430001057	Print Ink Housing Module	O		1	Repair	E
143		1-31	S7430001051	Print Felt Module	O		1	Repair	D
144		1-32	S5766000072	Felt	O		1	Repair	D
145		1-33	S5672000005	Print Ink	O		1	Repair	D
146		1-34	S7430001241	SCM Power transmission Pulley Assy	O		1	Repair	D
147		1-35	S7430001395	SCM Power Transmission Belt	O		1	Repair	D
148		1-36	S7430001243	SCM Power transmission Belt Tension	O		1	Repair	D
149		1-37	S7430000900	Top 3rd Frame Assembly	O		1	Repair	E
150		1-38	S7430001222	B3 ESC Upper Guide Assembly	O		1	Repair	E
151		1-39	S7430002270	Fix&Move MICR Module	O		1	Repair	E
152		1-40	S7430001792	MAIN CASSETTE_CASH	O		1	Field	D
153		1-41	S7490000019	4 PORT USB	O		1	Repair	E
154		1-42	S7430005273	METAL SHUTTER	O		1	Repair	D
155		1-36	S5672000005	CARTRIDGE INKJET HP	O		1	Field	C

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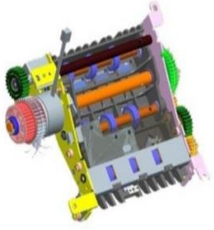

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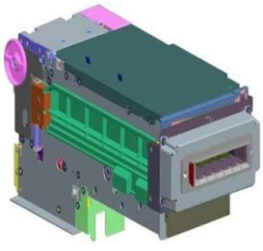

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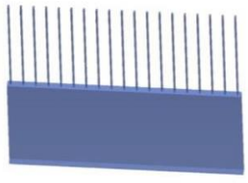

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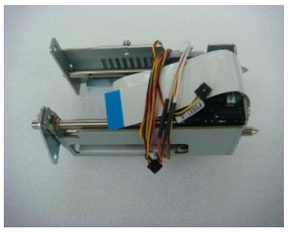

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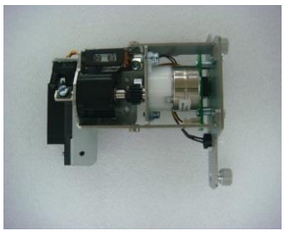

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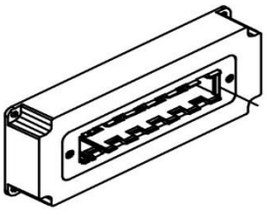

155

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Chapter 5. Coin Hopper

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
156	COIN HOPPER	1	S4260000718	BEZEL COIN FOR 1C	O		1	Repair	D
157		2	S4260000719	BEZEL COIN FOR 5C	O		1	Repair	D
158		3	S4260000720	BEZEL COIN FOR 10C	O		1	Repair	D
159		4	S4260000721	BEZEL COIN FOR 25C	O		1	Repair	D
160		5	S5402000013	COIN HOPPER 1 C	O		1	Repair	D
161		6	S5402000014	COIN HOPPER 5 C	O		1	Repair	D
162		7	S5402000015	COIN HOPPER 10 C	O		1	Repair	D
163		8	S5402000016	COIN HOPPER 25 C	O		1	Repair	D
164		9	S5611000032	PCBA FOR COIN I/F BOARD	O		1	Repair	D

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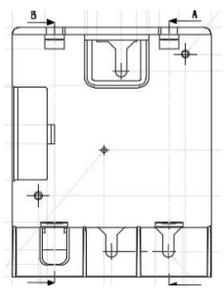

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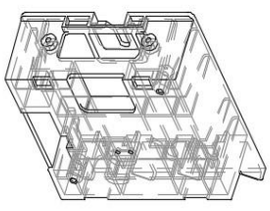

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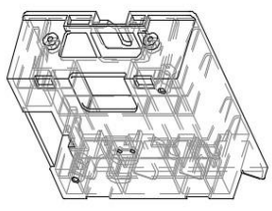

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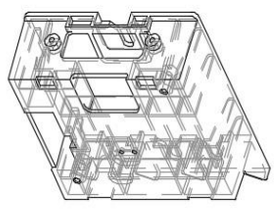

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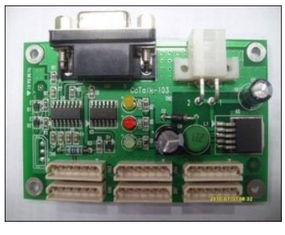

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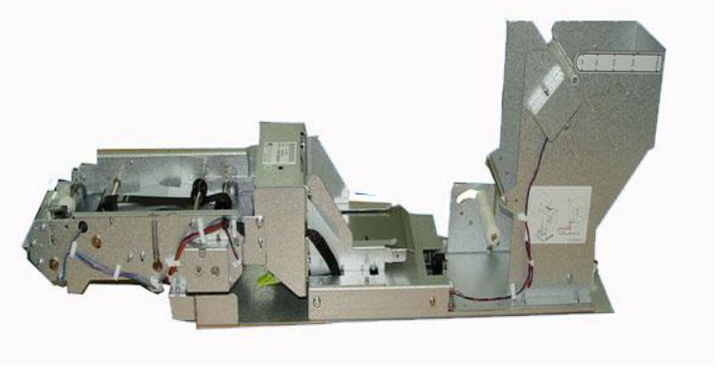
Chapter 6. Receipt Printer (SPR)



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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
165	Receipt Printer (SPR)	1	S7020000056	K-SPR11 UNIT	O		1	Field	C
166		1-1	S4605000066	Guide Bracket of Outlet Assembly	O		1	Repair	D
167		1-2	S5640000024	Feed motor of outlet Assembly	O		1	Repair	E
168		1-3	S21685202	Detecting light Sensor	O		1	Repair	D
169		1-4	S21685201	Emitting light Sensor	O		1	Repair	E
170		1-5	S57422612	Thermal Head	O		1	Repair	D
171		1-6	S21685601	Paper Remaining Detecting Sensor	O		1	Repair	D
172		1-7	S45473801	Hanger of Receipt Paper	O		1	Repair	E
173		1-8	S7320000069	Paper End Detecting Sensor	O		1	Repair	E
174		1-9	S7760000223	Control B/D of Receipt Printer (USB)	O		1	Repair	D
175		1-10	S7320000121	K-SPR11 OUTLET	O		1	Repair	E
176		1-11	S7320000078	JAM SENSOR	O		1	Repair	D
177		1-12	S7320000068	TPH SUPPORT	O		1	Repair	E
178		1-13	S7320000088	ROLL FRAME	O		1	Repair	E

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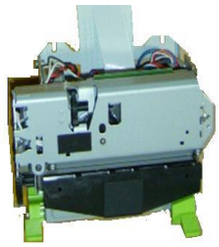

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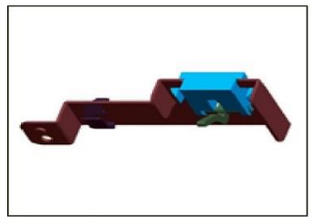

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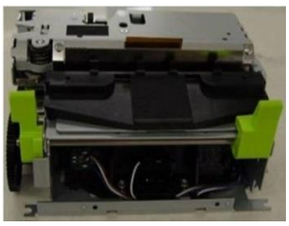

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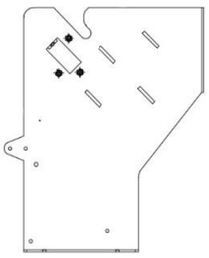

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Chapter 7. OPL & SPL Assembly

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
179	OPL & SPL	1	S7100000191	OPL FOR 21.5 INCH	O		1	Field	C
180		1-1	S5633000014	FAN	O		4	Repair	D
181		1-2	S7650000178	PCAB FOR 7 PORT USB HUB	O		1	Repair	E
182		1-3	S4370002835	BEZEL FOR OPL	O		1	Repair	E
183		1-4	S4140006177	BASE FOR 21.5 INCH	O		1	Repair	E
184		1-5	S3200004077	CABLE WITH OPL FAN	O		1	Repair	E
185		1-6	S5661000066	21.5 INCH MONITOR	O		1	Repair	D
186		1-7	S5659000032	T/S FOR 21.5 INCH	O		1	Repair	D
187		1-8	S5611000389	AD BOARD FOR 21.5 INCH	O		1	Repair	D
188		1-9	S3300000195	CABLE FOR TOUCH SCREEN	O		1	Repair	D
189		2	S7110000046	10.1 INCH SPL	O		1	Field	D
190		2-1	S4140006724	MOLD FOR SPL	O		1	Repair	D
191		2-2	S5611000166	TOUCH CONTROL [SPL]	O		1	Repair	D
192		2-3	S5659000024	TOUCH PANEL	O		1	Repair	D
193		2-4	S4370002537	COVER FOR SPL BACK	O		1	Repair	D
194		2-5	S3300000005	LVDS	O		1	Repair	D
195		3	S5661000105	10.1' LCD	O		1	Repair	D
196		3-1	S5611000268	AD BOARD FOR 10.1'	O		1	Repair	D
197		3-2	S44925203	HANDLE : GREEN	O		1	Repair	E

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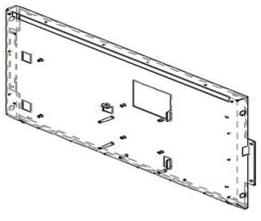

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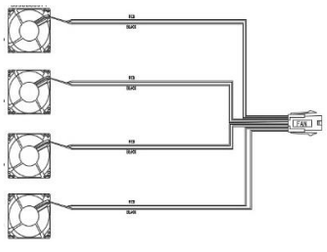

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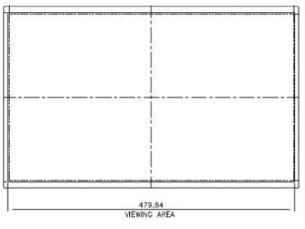

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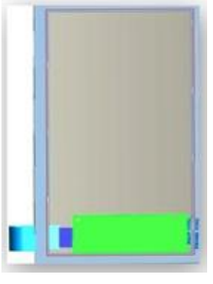

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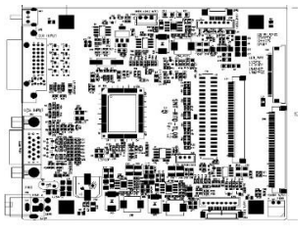

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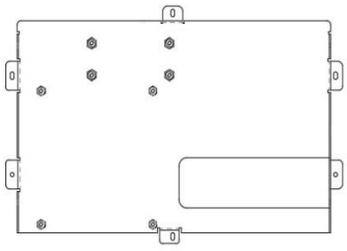

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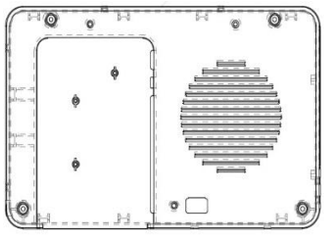

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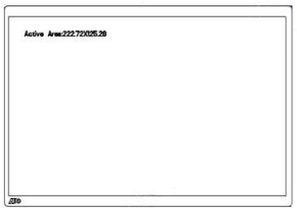

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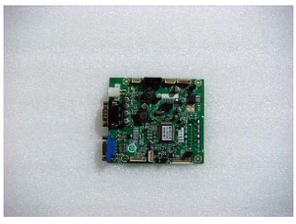

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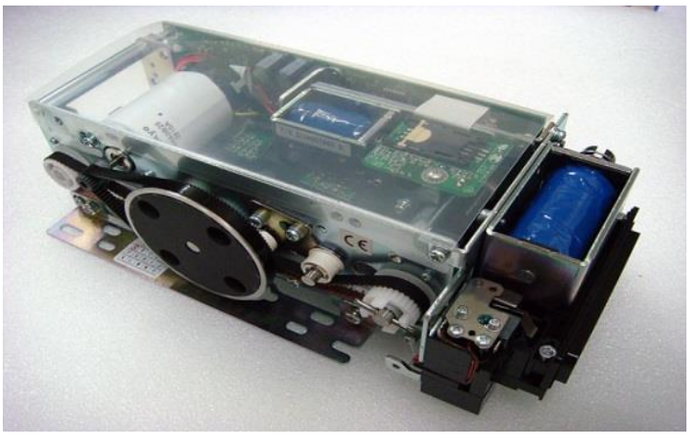
Chaper 8. Card Reader (MCU)



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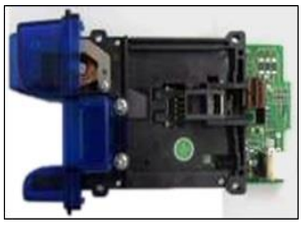
No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
198	Card Reader	1	S5645000026	SANKYO DIP	O		1	Field	C
199		2	S4970000939	MCU SPONGE	O		1	Repair	E

198



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Chapter 9. Safety Body

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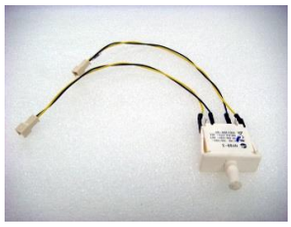
No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
200	Safety Body	1	S4240000015	KABA-MAS LOCK	O		2	Repair	C
201		2	S3240000001	TWO DOOR SENSOR	O		1	Repair	D
202		3	S3353000022	MODULAR COUPLER	O		2	Repair	D
203		4	S7170000370	BNA_CASTER	O		1	Repair	E
204		5	S4100000371	Handle for Safety Door	O		1	Repair	E
205		6	S3325000024	POWER CORD	O		1	Repair	E
206		7	S3356000048	Terminal Block	O		1	Repair	E
207		8	S5611000122	Seismic Sensor and Heat Detector	O		2	Repair	E
208		9	S33763301	Proper Position Detection Sensor	O		1	Repair	E
209		10	S4860000025	PLASTIC CHAIN	O		1	Repair	E
210		11	S4110000117	HINGE_STEEL:SAFETY_COVER	O		4	Repair	E
211		12	S4901000002	KEY:LOCK_CAP	O		1	Repair	E

200

201



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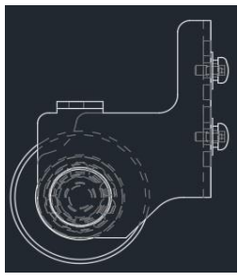

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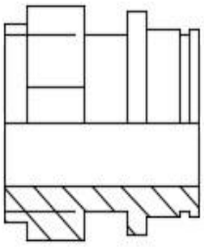

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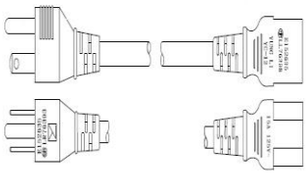

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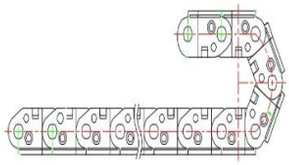

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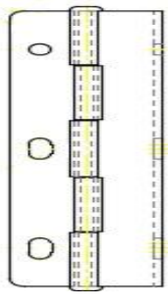

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Chaper 10. Miscellaneous

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
212	Miscellaneous	1	S5621000038	Power Supply	O		1	Repair	E
213		2	S5678000154	MYUNGSEPYO	O		1	Repair	E
214		3	S5672000005	Cartridge	O		1	Repair	D
215		4	S5300000031	GAS SPRING	O		2	Repair	D
216		5	S7200000715	BETTERY	O		1	Repair	E
217		6	S5633000020	FAN	O		2	Repair	E
218		7	S5622000005	HEATER	O		2	Repair	D
219		8	S7430000392	AC INLET BOX	O		1	Repair	D

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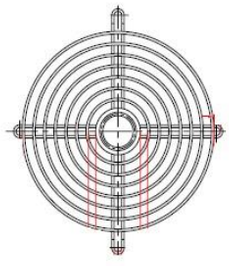

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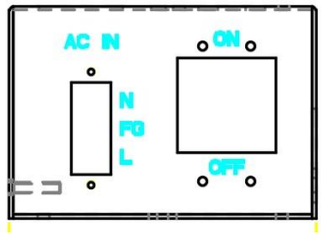

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Appendix. Sensor, Interface Cable, Actuator, PCBA for CDU

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
220	Appendix. Sensor for CDU		S5220000025	All-in-One (- MB : HS012, HS022, HS016)	O		3	Repair	D
221			S2168000046	All-in-One - SF : HS102, HS202, HS302, HS402, HS502 - MB : HS007, HS008, HS015 - Throat : HS017, HS023	O		10	Repair	D
222			S2168000016	Receiving Light Rank A - MB : HS001D, HS005D / - Red Dot	O		2	Repair	D
223			S2168000015	Emitting Light Rank A - MB : HS001T, HS005T, HS004T - Red Dot	O		3	Repair	D
224			S5220000002	Receiving Light - SF : HS104T, HS204T, HS304T, HS404T, HS504T, HS101T, HS201T, HS301T, HS401T, HS501T	O		8	Repair	D
225			S5220000001	Emitting Light - SF : HS104D, HS204D, HS304D, HS404D, HS504D, HS101D, HS201D, HS301D, HS401D, HS501D	O		8	Repair	D
226			S5220000005	Receiving Light : - SF : HS003T	O		1	Repair	D
227			S5220000004	Emitting Light : - SF : HS003D	O		1	Repair	D
228			S3200000246	Reflective Sensor - Cassette : HS103, HS203, HS303, HS403, HS503	O		5	Repair	E
229	Appendix. Interface Cable for CDU.		S3200000502	Interface Cable for Cassette #5 - Connect 5FM Board to Cassette #5	O		1	Field	E
230			S3200000266	Interface Cable for Separate Module(SF12) - Connect Main Control Board to HS003 Sensor	O		1	Repair	E
231			S3200000277	Interface Cable for Separate Module(SF34) - Connect FM Board to SF34 Sensor	O		1	Repair	E

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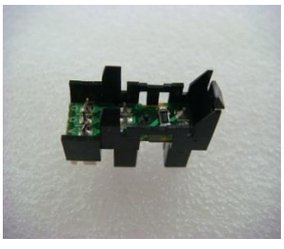

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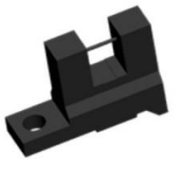

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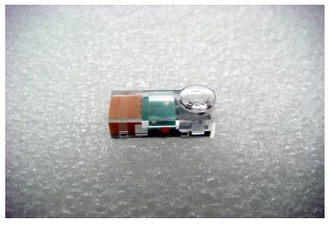

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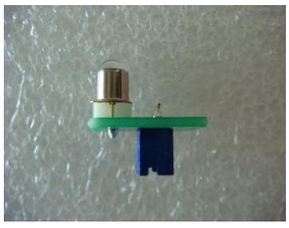

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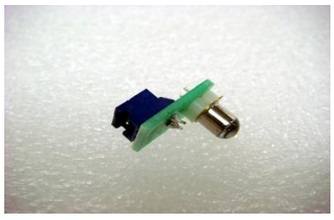

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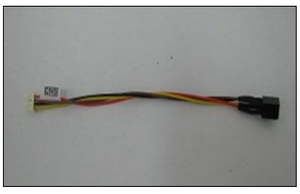

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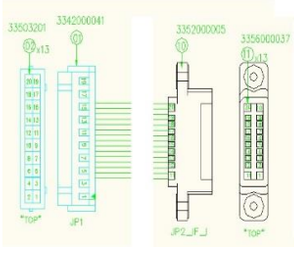

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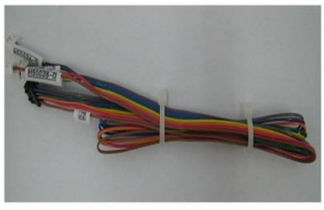

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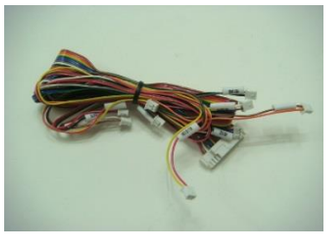

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No	Unit	LEVEL	Part No.	Customer Description	TYPE		QTY	Category	Recommended QTY
					A	B			
232	Appendix. Interface Cable for CDU.		S3200000501	Interface Cable for Separate Module(SF5) - Connect 5FM Board to SF5 Sensor	O		1	Repair	E
233			S3200000500	Interface Cable for Separate Module(SF5) - Connect 5FM Board to SF5 Solenoid	O		1	Repair	E
234			S3200000271	Interface Cable for SOL1 and SOL2 at MB	O		1	Field	E
235			S3200000269	Main Cable for MB Sensors	O		1	Repair	E
236			S3200000498	Interface Flat Cable - Connect Main Control Board to 5FM Board	O		1	Field	E
237			S3200000267	Interface Cable for Throat Motor & Sensors - Front type CDU10	O		1	Repair	E
238			S3200000283	Interface Cable for double detect sensor - Connect Main Control Board to Hall sub board	O		1	Repair	E
239			S3200000282	Interface Cable inside Cassette	O		5	Repair	E
240			S3300000031	Interface Cable Seperate Step Motor - SF12 & SF34	O		2	Repair	E
241			S3300000030	Interface Cable for Rotor Step Motor	O		1	Repair	E
242			S3300000032	Interface Cable Seperate Step Motor - SF5	O		1	Repair	E
243			S7430000451	Pick-up Motor for SF5 without cable - SF5 : HM09	O		1	Repair	E
244			S5640000127	Main DC Motor with Cable(only Motor) - MB : HM01	O		1	Repair	E
245			S5639000024	Linear Solenoid for Gate and pick-up - MB : SOL1 - SF12 : SOL3, SOL4 - SF34 : SOL5, SOL6 / SF5 : SOL7	O		6	Repair	E
246			S5639000029	Linear Solenoid for Reject/Retract Box - MB : SOL2	O		1	Repair	E

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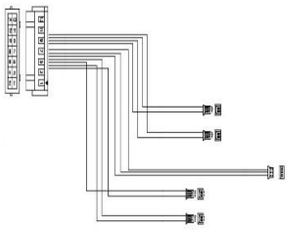

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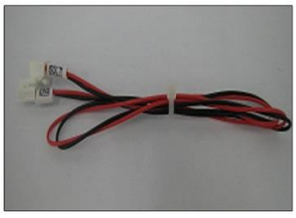

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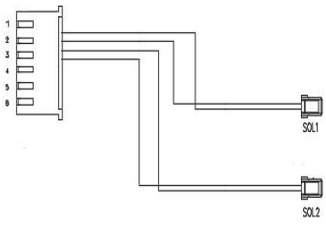

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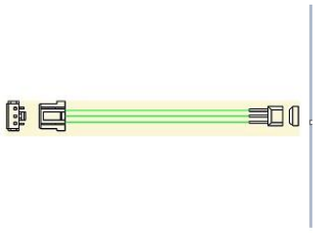

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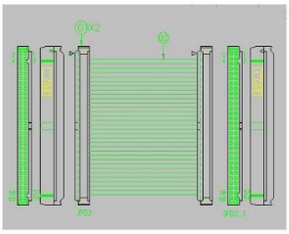

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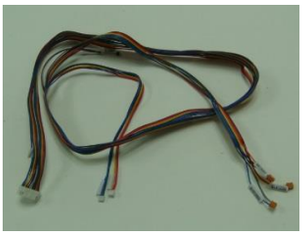

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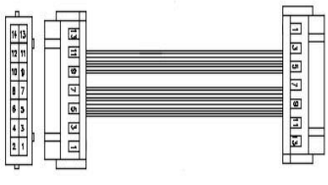

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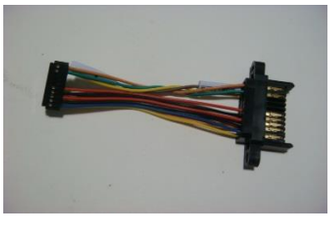

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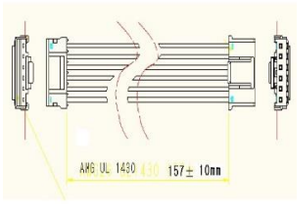

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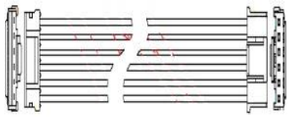

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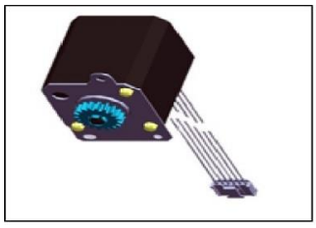

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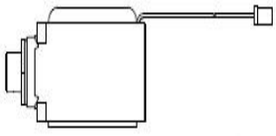

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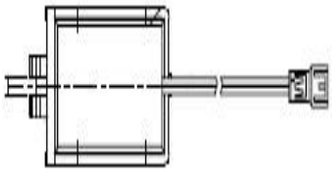

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