

5.1 Parts List for Mechanism

EXPLODED VIEW

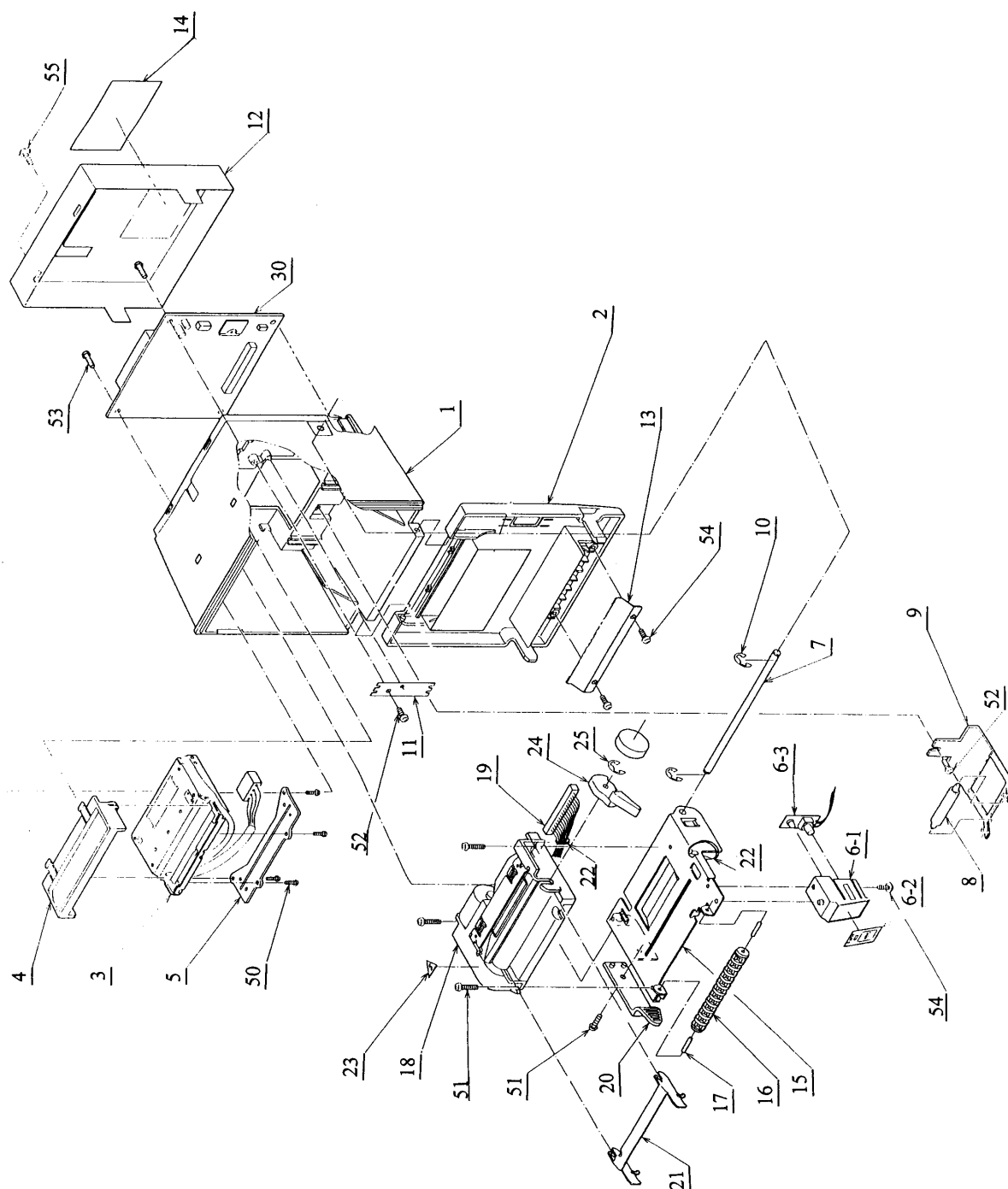
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Ref. No.	Parts No.	Description	Q'ty	Remarks
1	E 6210-010	Case	1	291 only
2	E 6200-670	Front panel	1	
3	ACS-221	Auto cutter ACS-221	1	
4	E 8022-080	PF guide	1	
5	E 8022-070	Papet gate	1	
6-1	E 4019-220	OP case	1	
6-2	E 5200-310	OP sheet	1	
6-3	E 40000210	OP PCB assy	1	290 only
	E 5102-490	Switch SKHHBV	1	
	E 480-330	LED SEL2110S	1	
7	E 6233-070	Shaft	1	
8	E 6233-080	Roller	1	
9	E 6233-090	Roller holder	1	
10	E 3	E ring E3	2	
11	E 4035-810	Earth plate	1	
12	E 6310-030	Rear cover	1	
13	E 6220-590	Paper cutter	1	
14		Rating lable		
15	E 6601-350	Base plate	1	
16	E 6612-070	PF roller	1	291 only
17	23G65662	Pin 2x10	2	
18	LT282HA	Printer LT-282HA	1	
19	E 4900-420	Harness CA212-3S	1	
20	E 8029-030	Lever	1	
21	E 8022-090	Paper guide	1	
22	E 8035-010	Wire band	1	
23		Caution paper HOT		
24	E 8032-100	Head up lever	1	
25	E 2.5	E ring E 2.5	1	
30	E 70010900	PCB assy	1	
50	23G57459	Screw M2x3	4	
51	23G65751	Screw M2.6x5	4	
52	23G23179	Screw M2.6x6	2	
53	23G22839	Screw M2.6x8	2	
54	23G65930	Screw M2.6x6	1	
55	23G42966	Screw M3x6-WT	1	

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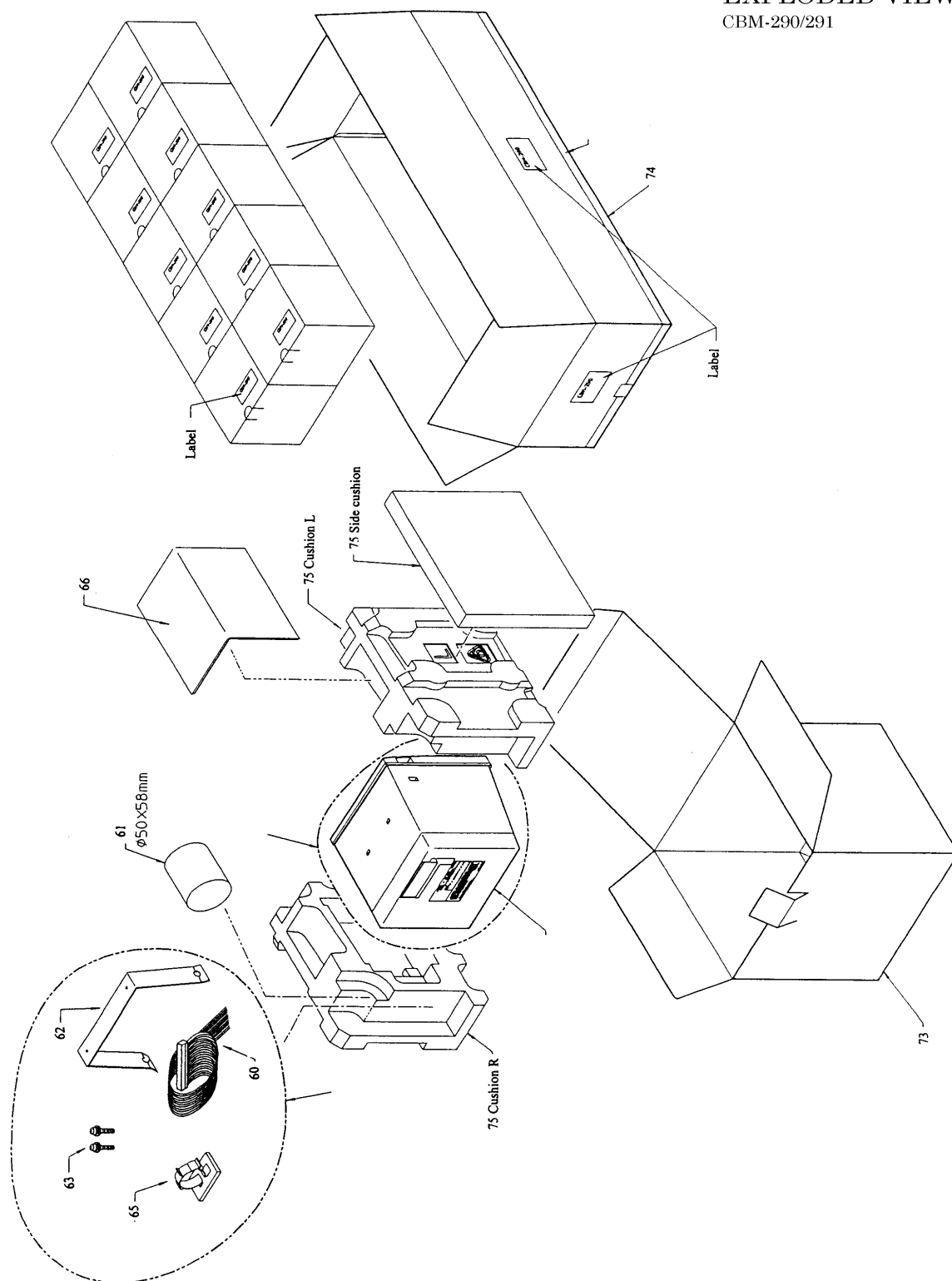
Ref. No.	Parts No.	Description	Q'ty	Remarks
60	E 4900-460	Harness CA215-5	1	
61		Thermal paper		
62	E 6233-110	Mounting BRT	1	
63	23G22294	Screw M3x12	2	
65	E 8035-020	Wire cramp	1	
66		Manual		
73	29*-GI	Gift box		
74	29*-MA	Master carton		
75	29*-CU	Cushion		

5.2 Disassembly Drawing

EXPLODED VIEW
CBM-290/291

5.3 Packing Drawing

EXPLODED VIEW CBM-290/291



5.4 Parts List for Control Board

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Ref. No.	Parts No.	Description			CBM-290	CBM-291
IC 1	2020PC-03	CPU	202PC-03		1	1
IC 2	E 104-530	Gate array	CBM202LA-00		1	1
IC 3	E 107-330	RAM	TC55257DFL-55L		1	1
IC 4	E 210-070	HC-MOS	TC74HC04AF		1	1
IC 5	E 107-340	Reset IC	M51953BPF		1	1
IC 6	E 210-120	I/F IC	MAX232ACSE		1	1
TA 1	E 202-890	Tr.array	LB1650		1	1
TA 2	E 202-830	Tr. Array	TA8428K			1
Tr. 1,2	E 358-080	Transistor	RN1302		2	2
Tr. 3	E 358-090	Transistor	2SJ267-FD13		1	1
Tr. 4,5	E 359-190	Transistor	2SC2712-GR		2	2
D 1-9	E 400-600	Diode	FM4003		9	9
D 10,11	E 400-610	Diode	1SS193		2	2
R 3,31,33		Chip Re.	RK73K2A 100J		3	3
R 15		Chip Re.	RK73K2A 180J		1	1
R 16		Chip Re.	RK73K2A 220J		1	1
R 25,26		Chip Re.	RK73K2A 330J		2	2
R 5		Chip Re.	RK73K2A 620J		1	1
R 4,22,24,38		Chip Re.	RK73K2A 1KJ		4	4
R 1,2,23,32,34		Chip Re.	RK73K2A 3.3KJ		5	5
R 10		Chip Re.	RK73K2A 6.8KJ		1	1
R 6-9,12-14 17,19-21,27 28,30 35-37		Chip Re.	RK73K2A 10KJ		17	17
R 18		Chip Re.	RK73K2A 33KJ		1	1
R 11		Chip Re.	RK73K2A 30KJ		1	1
R 29		Chip Re.	RK73K2A 82K		1	1
C 1	E 2010-010	El. Cap.	16MR100MF		1	1
C 2	E 2230-210	El. Cap.	SRG35VB-100M		1	1
C 3	E 2600-160	C. Cap.	GRM40CH101J50		1	1
C 4,6,8,16	E 2600-130	C. Cap.	GRM40B102K50		4	4
C 5,7,10-15	E 2600-170	C. Cap.	GRM40F104Z50		8	8
C 17	E 2600-150	C. Cap.	GRM40B471K50		1	1

PARTS LIST

CONTROL BOARD ASSY

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Ref. No.	Parts No.	Description	CBM-290	CBM-291
DS 1	E 5103-230	Dip SW. KSD08H	1	1
X 1	E 501-400	X'tal CSTCS16.00MXOC3	1	1
CN 2	E 48000780	Conn. B16BPH-K-S	1	1
CN 3	E 48000615	Conn. 53047-0410	1	1
CN 4	E 48000635	Conn. 53047-0610	1	1
CN 5	E 48000785	Conn. LY20-40P-DT1-P5	1	1
CN 6	E 48000350	Conn. 5267-04A		1
OP 1	E 48000775	Conn. 53047-0510	1	1
C 51-77	E 2600-180	C. Cap. GRM40CH470J50	27	27
C 78,80-85	E 2600-160	C. Cap. GRM40CH101J50	7	7
C 79	E 2600-150	C. Cap. GRM40B471K50	1	1
C 9,86	E 2600-170	C. Cap. GRM40F104Z50	2	2
C 87-90	E 2600-140	C. Cap. GRM40B331K50	4	4
CP 1	E 2600-190	C. Cap. GRM40F334Z25	1	1
CP 2-6	E 2600-170	C. Cap. GRM40F104Z50	5	5
L 1,4	E 4009-490	Fe. Beads BLM21A121A		2
L 2,3	E 4009-480	Fe. Beads BLM41P800S		2
F 1	E 4005-815	Fuse 251.500	1	1
F 2	E 4005-770	Fuse MQ1.5	1	1