

5. SERVICE PARTS LIST

5.1 Parts List for Mechanism

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Ref. No.	Parts No.	Description	Q'ty	Remarks
1	E66201-070	Upper Case	1	
2	E62040570	Door	1	
3	E62020400	Lower Case	1	
4	E6601-380	Side Plate	1	
5	E6612-090	Feed Roller	2	
6	E8019-160	Feed Roller Gear	2	
7	E8025-100	Bush	2	
8	O-25	O-Ring	2	P25 4C Silicon 50°
9	E8017-100	Motor	1	FM-120RA1 (24V)
10	E8019-170	Motor Gear	1	
11	76G57459	Screw	10	M2×3 S Tite
12	E8024-120	Gear Shaft	1	
13	E8019-180	Slip Gear	1	
14	E8519-020	Clutch Spring	1	
15	E8019-190	Drive Gear	1	
16	E2.5	E-Ring	1	E2.5
17	E8024-130	Roller Shaft	3	
18	E8031-130	Roller	3	
19	E6233-150	Presenter Bracket	1	
20	23G22839	Screw	12	M2.6×8 B Tite
21	E40000315	PE Sensor Assy	1	
22	ACS230F	Auto Cutter	1	ACS-230F
23	E8022-140	Paper Guide	1	
24	E8010-290	Mouse Plate F2	1	
25	E8010-270	Mouse Plate R2	1	
26	71G57473	Screw	4	M2.3×5 S Tite
27	23G57466	Screw	2	M2×6 S Tite
30	E8023-090	Mechanism Cover	1	
31	E8031-140	Cushion Roller	2	
32		Spring	2	2057
33	E6233-160	Mechanism Bracket	1	
34	E70010905	Connect PCB	1	
35	LT380V	Printer Mechanism	1	LT380V
36	E4900-640	Flat Cable	2	

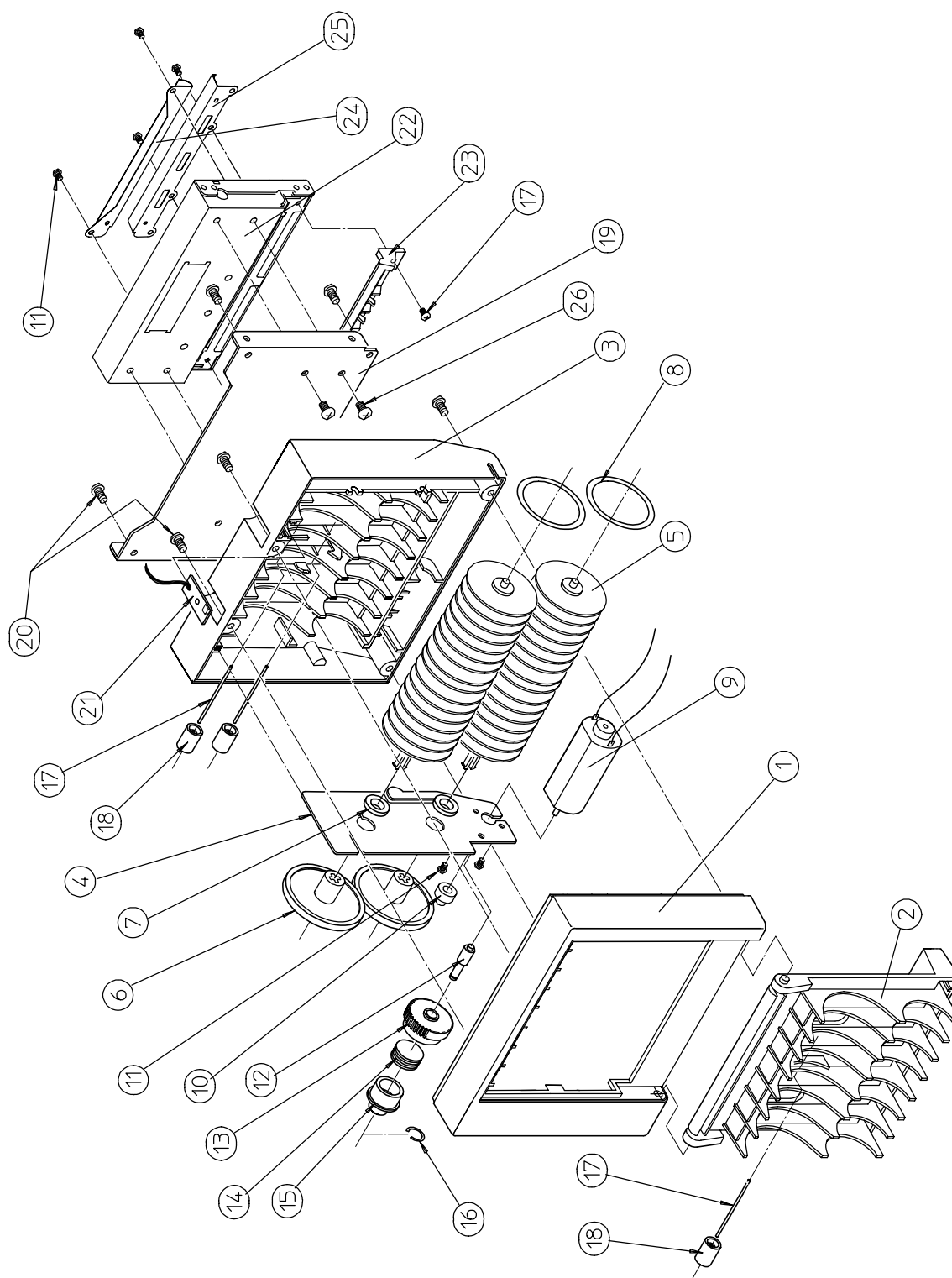
EXPLODED VIEW

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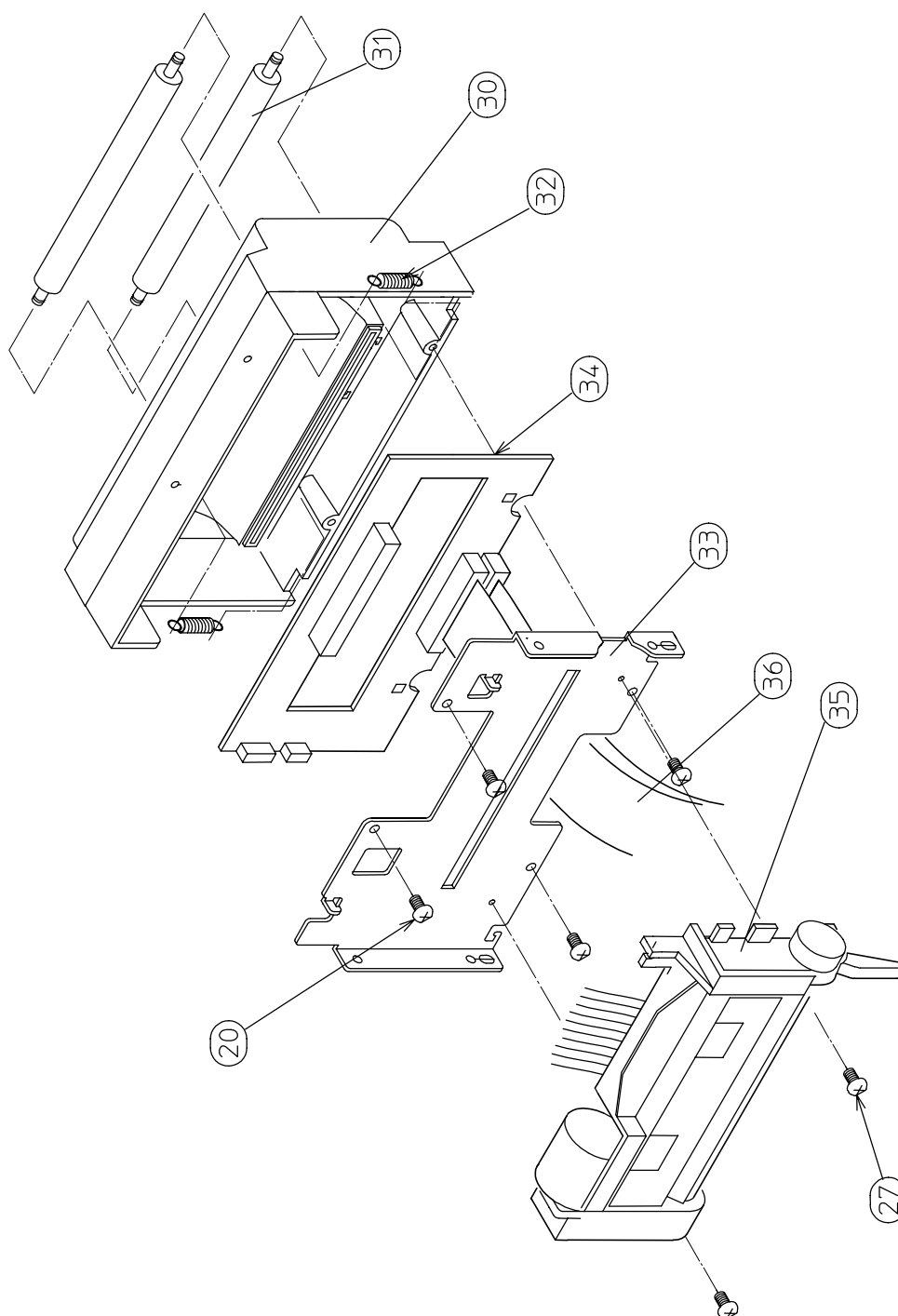
Ref. No.	Parts No.	Description	Q'ty	Remarks
40	E8010-310	Center Frame	1	
41	E8010-320	Side Frame L	1	
42	E8010-330	Side Frame R	1	
43	23G29538	Screw M3×5 S Tite	8	
44	E8025-110	Locking Card Spacer KGLS-6RF	4	
45	E8500-090	Edge Holder EHS-11U	2	
46	E4035-870	Insulating Sheet	1	
47	E8029-050	Knob	2	
48	23G22821	Screw M3×8 S Tite	4	
49		Spring 6612	2	

5.2 Disassembly Drawing

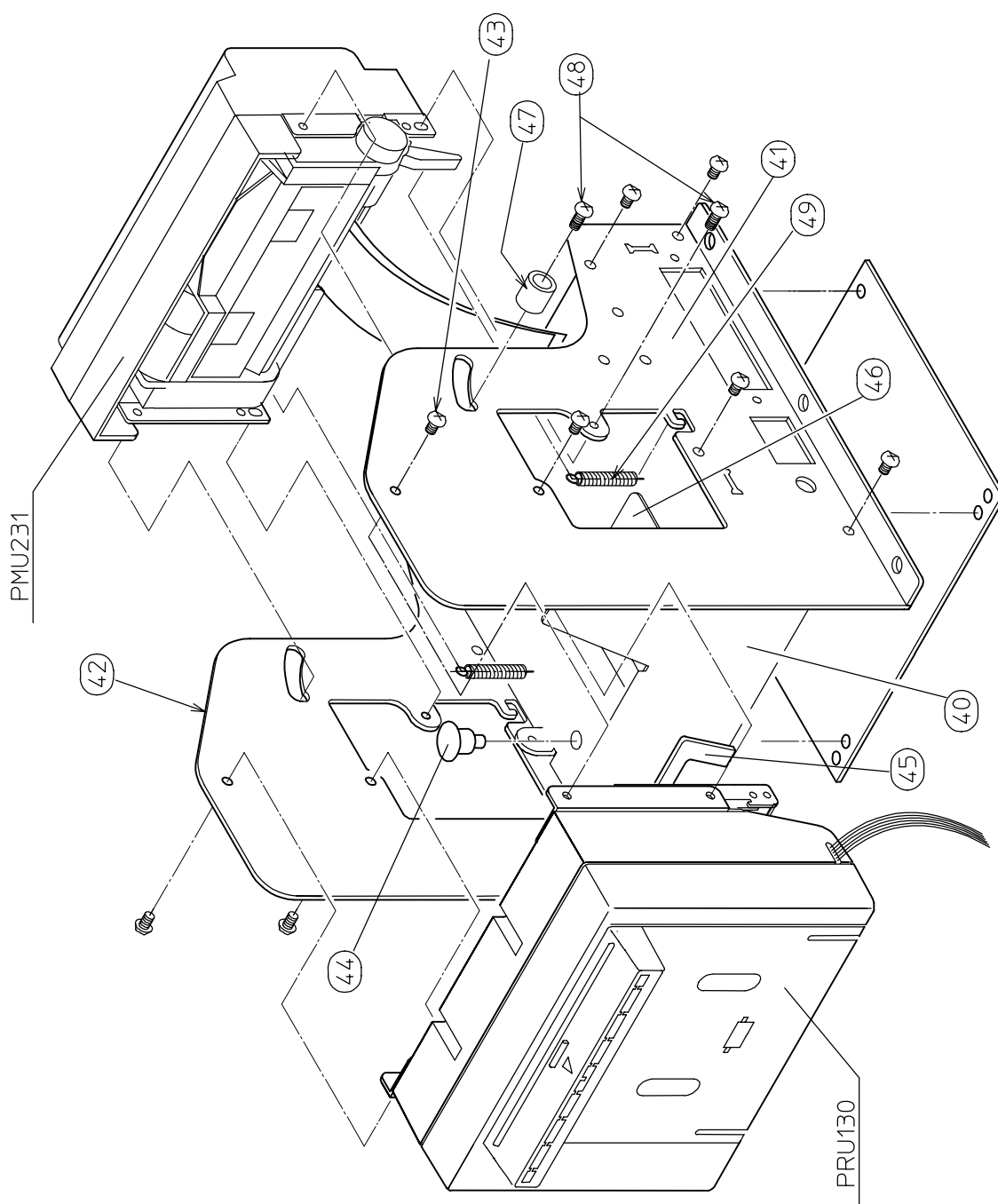
● Disassembly Drawing-1 (PRU-130)



● Disassembly Drawing-2 (PMU-231)



● Disassembly Drawing-3 (PPU-231)



5.3 Parts List for Control Board

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Ref. No	Parts No.	Description	PPU-231 F
	E70010985	23212-31 Main Assy (USA/EUR)	(1)
IC1	E 104-580	CPU HD6413002F16	1
IC2	E 104-530	Gate Array CBM202LA-00	1
IC3	E 107-380	RAM GM76C8128C-55	1
IC4	E 210-070	HCMOS-IC 74HC04AF	1
IC5	E 210-130	Reset IC M51953BPF-600C	1
IC6	E2020040	I/F SP232can	1
IC7	E4101-720	DC/DC Converter SI-8401L	1
IC102	E 104-690	EPROM M27C1001-45XF1	1
(IC102)		ROM Label	1
(IC102)	E48000920	IC Socket 2-644018-3	1
TA1	E 390-310	Tr. Array LB1650	1
TA2	E 202-830	Tr. Array TA8428K	1
TR1,4	E 358-080	Transistor RN1302	2
TR2	E 358-090	Transistor 2SJ267-FD13	1
TR3-5,8	E 359-190	Transistor 2SC2712-GR (TE85R)	5
TR9	E 359-170	Transistor 2SC4671-AN	1
D1-8	E 400-470	Diode S1G-GI1	8
ZD1	E 406-090	Z. Diode RD6.2FM	1
C1,2,5,7-9 16-20,101 149-152 CP1-6,101 102	E2110-865	C. Cap. GRM40CH470J50PT	24
C3	E2230-260	Ele. Cap. SME35VB220M	1
C4	E2230-250	Ele. Cap. SME16VB470M	1
C6,10,15,21	E2110-880	C. Cap. GRM40B102K50PT	4
C11-14	E2110-875	C. Cap. GRM40B103K50PT	4
C22,154	E2110-900	C. Cap. GRM40B471K50PT	2
C102-110 112-118,148 153	E2110-905	C. Cap. GRM40CH101J50PT	18
C119-147	E2110-870	C. Cap. GRM40F104Z50PT	29

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Ref. No	Parts No.	Description		PPU-231 F
R1,2,30,35 40,42,48,50 55		Chip Resistor	CR18-332J	9
R3,24,29,34 39		Chip Resistor	CR18-101J	5
R4-6,8-12,15 17,19,46,47 51-54		Chip Resistor	CR18-103J	17
R7		Chip Resistor	CR18-682J	1
R13,21,26,31 36		Chip Resistor	CR18-181J	5
R14,49		Chip Resistor	CR18-221J	2
R16,22,23,27 28,32,33,37 38		Chip Resistor	CR18-333J	9
R20,41,43		Chip Resistor	CR18-102J	3
R44,45		Chip Resistor	CR18-331J	2
F1	E4005-795	Fuse	MS3	1
F2	E4005-770	Fuse	MQ1.5	1
X1	E 501-400	X'tal	CSTCS16.00MX0C3-TC	1
L3,6-14 16-18,20-28 30-48	E4009-490	Fe. Beads	BLM21A121S	41
L4,5,15,19	E4009-480	Fe. Beads	BLM41P600S	4
L1,2	E4009-280	Fe. Beads	BL02RN2-R62	2
DS1,2	E5103-510	DIP Switch	KSD-08	1
CN1	E4800-915	Wafer Assy	5267-05A-X	1
CN2	E48000925	Wafer Assy	5273-02A	1
CN3	E4800-945	Wafer Assy	5267-04A-X	1
CN4	E48000765	Connector	53014-0510	1
CN5	E48000930	Connector	53014-0610	1
CN6	E48000755	Connector	53014-0310	1
CN7,8	E48000940	Connector	5597-20CPB	2
CN9	E48000650	Wafer Assy	5267-06A-X	1
CN10	E48000935	Connector	53313-2015	1
PCB		PCB	212-31	1
	E40000320	Power Connector Assy		1
	E5109-230	Power Switch Assy		1
	E5109-220	Feed Switch Assy		1
	E4900-580	I/F Connector Assy	Serial (mm)	1
	E4900-590	I/F Connector Assy	Serial (inch)	1
	E4900-600	I/F Connector Assy	Parallel	1