

5. SERVICE PARTS LIST

5.1 Parts List for Mechanism

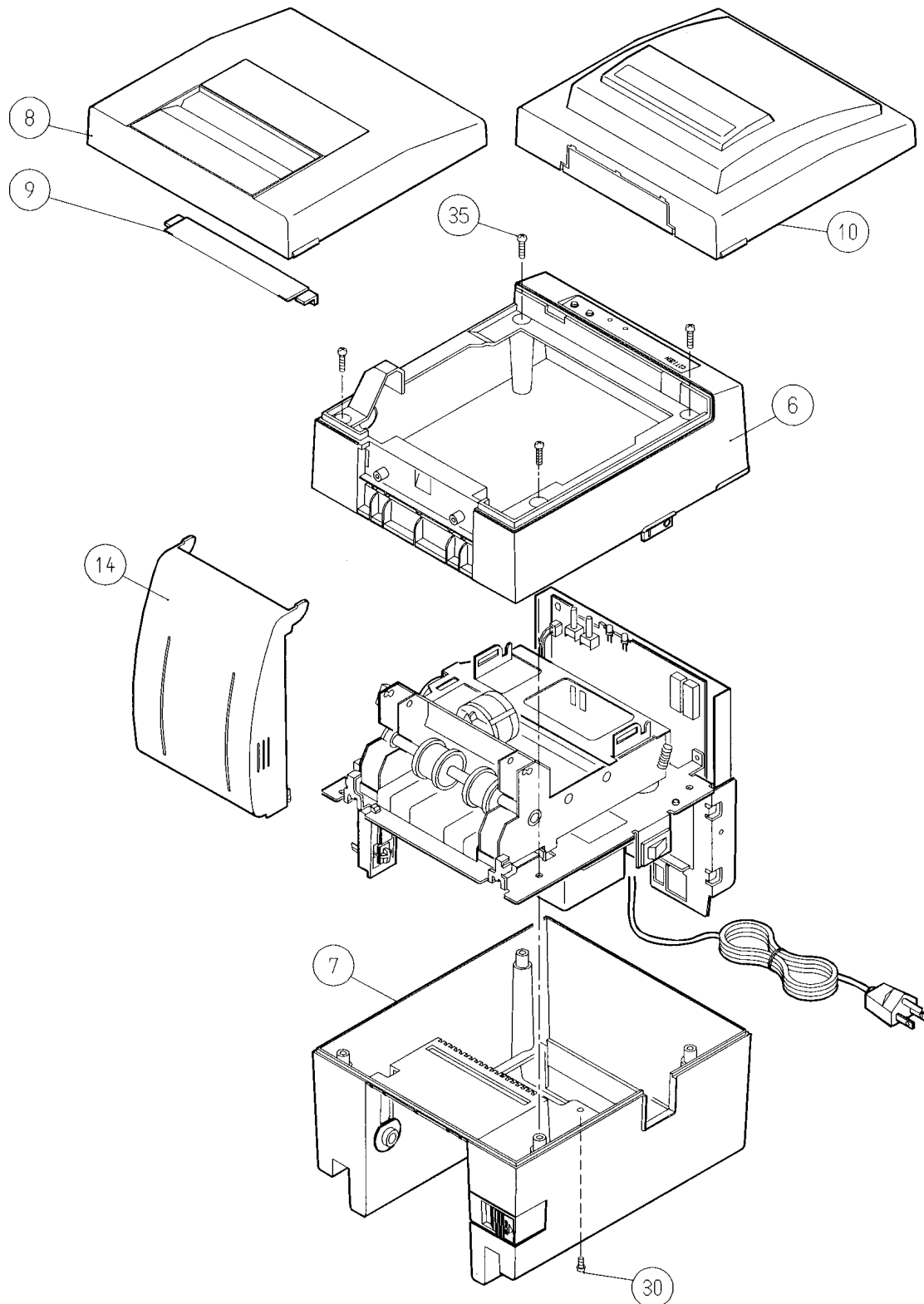
EXPLODED VIEW

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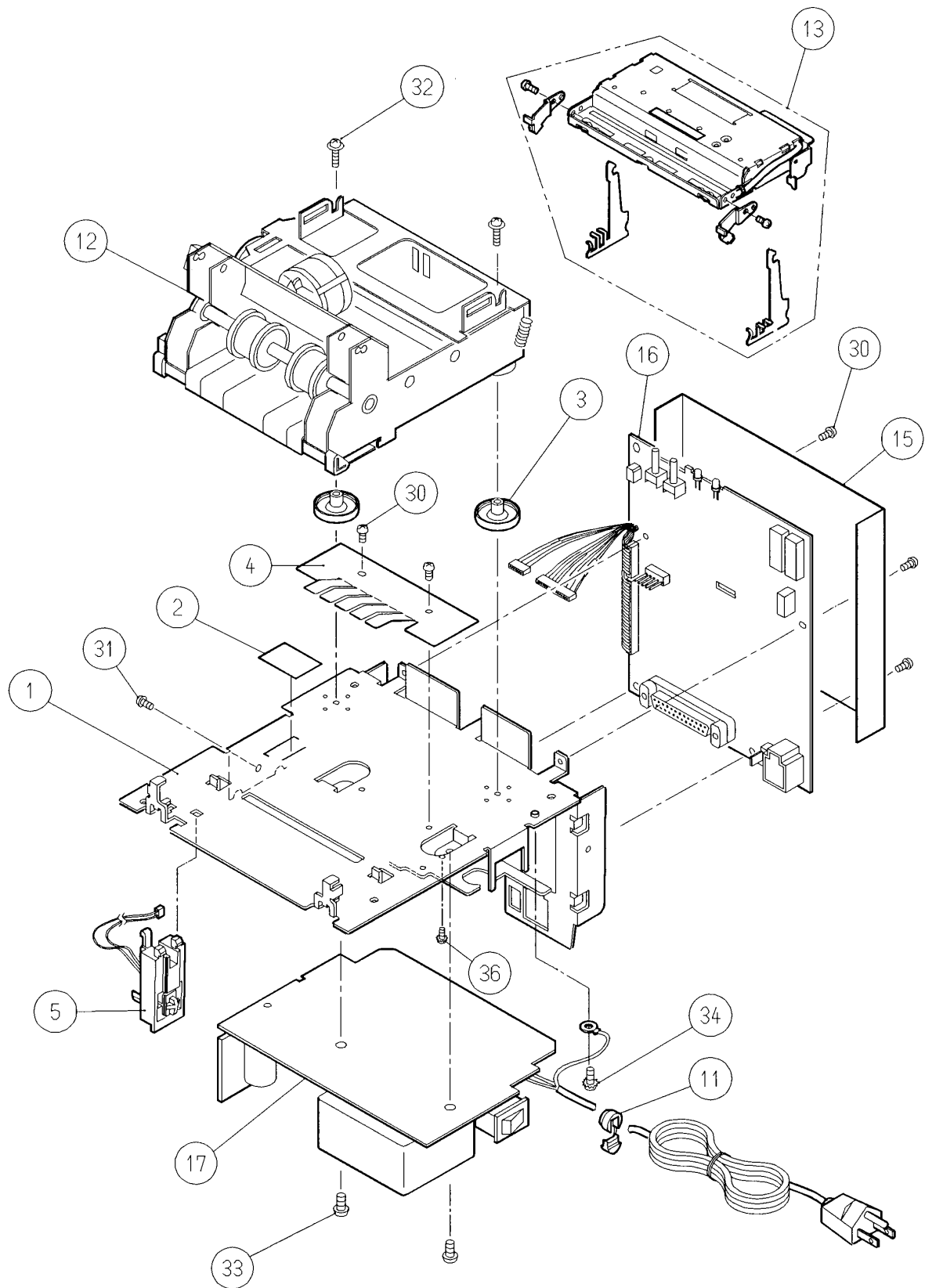
Ref. No.	Parts No.	Description	iDP3550	iDP3551
1	E4002-430	Chassis	1	1
2		Vinyl Tape	1	1
3	E6601-220	Printer Stand	2	2
4	E4035-690	Ground Plate	1	1
5	E40000290	PE Mechanism Assy	1	1
6	E66201-060	Top Cabinet Assy	1	1
7	E62020390	Bottom Cabinet Assy	1	1
8	E62040550	Printer Cover Assy	1	
9	E6220-220	Paper Cutter	(1)	
10	E62040340	Printer Cover AC		1
11	E6101-115	Strain Relief Bushing (HEYCO)	(1)(JPN,USA)	(1)(JPN,USA)
11	E6101-120	Strain Relief Bushing (HEYCO)	(1) (EUR)	(1) (EUR)
12		DP-654, 657	(1)	(1)
13	AC-134	Auto Cutter Unit AC-134-E		1
14	E6310-010	Rear Cover	1	1
15	E4002-560	Shield Plate	1	1
16	E77001-465	Control PCB Assy 3550-01(Serial EUR)	(1)	(1)
16	E77001-470	Control PCB Assy 3550-01(Serial USA)	(1)	(1)
16	E77001-475	Control PCB Assy 3550-02(Parallel)	(1)	(1)
16	E77001-480	Control PCB Assy 3551-01(Serial EUR)	(1)	(1)
16	E77001-485	Control PCB Assy 3551-01(Serial USA)	(1)	(1)
16	E77001-490	Control PCB Assy 3551-02(Parallel)	(1)	(1)
17	E40000305	Power PCB Assy 3535-03(230V)	(1)	(1)
17	E40000315	Power PCB Assy 3535-03(120V)	(1)	(1)
30	76G22579	Screw M3×6 Tapping	7	7
31	76G22796	Screw M3×8 Tapping	1	1
32	76G38641	Screw M3×14 Tapping (with Washer)	2	2
33	76G72589	Screw M4×6 Tapping	2	2
34	76G42959	Screw M4×6 Tapping (with Outer-Toothed Lock Washer)	1	1
35	76G29560	Screw M3×12 Tapping	4	4
36	76G42966	Screw M3×6 Tapping (with Outer-Toothed Lock Washer)	1	1

5.2 Disassembly Drawing

• Disassembly Drawing-1



• Disassembly Drawing-2



5.3 Parts List for PCB Assy

5.3.1 Control PCB Assy 3550-01 (R)/3550-02 (P)

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Ref. No	Parts No.	Description		iDP3550		iDP3551	
				R	P	R	P
SW1,2	E5102-450	Switch	SKHHNH	2	2	2	2
IC1	404PC-10	CPU	404PC-10	1	1	1	1
IC2	E 107-370	EPROM	M27C512B	1	1	1	1
IC3	E 107-350	SRAM	TC55257DPL-85L	1	1	1	1
IC4	E2010610	TTL IC	SN74LS14AP	1	1	1	1
IC6	E2002-670	Reset IC	M51953BL	1	1	1	1
IC7	E 202-950	I/F-IC	MAX202CPE	1		1	
IC7	E2010630	TTL IC	SN74LS373AP		1		1
IC8	E 202-950	I/F-IC	MAX202CPE	1		1	
IC8	E2010620	TTL IC	SN74LS74AP		1		1
IC9	E2010101	HCMOS	TC74HC00AP	1	1	1	1
IC10	E2016110	TTL IC	SN74LS04AP	1	1	1	1
IC11	E2016110	TTL IC	SN74LS04AP		1		1
IC11	E2010640	TTL IC	SN74LS00AP	1		1	
IC12	E2010640	TTL IC	SN74LS00AP		1		1
TA1	E 390-300	Tr. Array	MTA001M F4002	1	1	1	1
TA2	E 390-370	Tr. Array	M54567P	1	1	1	1
TA3	E 390-230	Tr. Array	TA8428K			1	1
TR1	E 379-129	Transistor	2SD1292R	1	1	1	1
TR2-6,12	E 359-090	Transistor	2SC1740SR	6	6	6	6
TR7	E 359-200	Transistor	2SA1458	1	1	1	1
TR8	E 358-040	Transistor	RN1002	1	1	1	1
TR9-11	E 359-170	Transistor	2SC4671-AN	3	3	3	3
D1,2	E 400-460	Diode	1S2076	2		2	
ZD1	E406-505	Z. Diode	RD20EB2	1	1	1	1
LED1,2	E480-390	LED	SEL2410E	2	2	2	2
Xtal	E 501-410	X'tal	CST16.00MXW0C4	1	1	1	1
DSW1	E 5103-490	DIP SW.	KSD-10	1	1	1	1
DSW2	E 5103-510	DIP SW.	KSD-8	1		1	
BZ	MEB12C5	Buzzer	MEB-12C-5	1	1	1	1
C1	E2010-960	Ele. Cap.	16YK100M	1	1	1	1
C2	E2010-920	Ele. Cap.	35YK47M	1	1	1	1
C3,4,17-21,25 CP1-6	E 2220-170	C. Cap.	DD308-63F104Z50	14	14	14	14
C5,7,8	E2220-110	C. Cap.	DD104-63B102K50	3	3	3	3
C6,9,10	E2220-100	C. Cap.	DD106-63F103Z50	3	3	3	3
C11	E2220-210	C. Cap.	DD804-63B222Z50	1		1	
C11	E2220-110	C. Cap.	DD104-63B102K50		1		1

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Ref. No	Parts No.	Description		iDP3550		iDP3551	
				R	P	R	P
C12-16,22-24 26,34,38	E2220-170	C. Cap.	DD308-63F104Z50	11		11	
C12,16,22	E2220-100	C. Cap.	DD106-63F103Z50		3		3
C13	E2220-100	C. Cap.	DD106-63F103Z50				1
C14	E2220-210	C. Cap.	DD804-63B222Z50		1		1
C15	E2220-120	C. Cap.	DD104-63B471K50		1		1
C23	E2010-950	Cap.	FS0H-473Z		1		1
C24, 26-28	E2220-200	C. Cap.	DD104-63B101K50		4		4
C27	E2220-110	C. Cap.	DD104-63B102K50	1		1	
C28,30	E2220-100	C. Cap.	DD106-63F103Z50	2		2	
C29	E2220-100	C. Cap.	DD106-63F103Z50			1	
C29, CP7-9	E2220-170	C. Cap.	DD308-63F104Z50		4		4
C31	E2010-950	Cap.	FS0H-473Z	1		1	
C33, 35-37	E2220-200	C. Cap.	DD104-63B101K50	4		4	
RA1	E3500-040	Re. Array	M9-1-103J	1		1	
RA1,2	E3500-080	Re. Array	M9-1-332J		2		2
RA2,3	E3500-050	Re. Array	M5-1-103J	2		2	
RA3,6	E3500-040	Re. Array	M9-1-103J		2		2
RA4	E3500-290	Re. Array	M5-1-332J	1		1	
RA4	E3500-050	Re. Array	M5-1-103J		1		1
RA7	E3500-290	Re. Array	M5-1-332J		1		1
R1,17		Resistor	RD25M10-1KΩJ	2		2	
RA1,16		Resistor	RD25M10-1KΩJ		2		2
R2		Resistor	RD25M10-33KΩJ	1	1	1	1
R3		Resistor	RD25M10-180ΩJ	1	1	1	1
R4,18		Resistor	RD25M10-10KΩJ	2	2	2	2
R5,7,9,19,23 28		Resistor	RD25M10-10KΩJ	6		6	
R5,23		Resistor	RD25M10-100ΩJ		2		2
R6		Resistor	RD25M10-100ΩJ	1		1	
R6,8,17,24,29		Resistor	RD25M10-10KΩJ		5		5
R7		Resistor	RD25M10-62KΩJ		1		1
R8		Resistor	RD25M10-62KΩJ	1		1	
R9,14,22,31		Resistor	RD25M10-3.3KΩJ		4		4
R10,11,15,21 30		Resistor	RD25M10-3.3KΩJ	5	5	5	5
R12,16,29		Resistor	RD25M10-3.3KΩJ	3		3	
R12		Resistor	RD25M10-68KΩJ		1		1
R13		Resistor	RD25M10-68KΩJ	1		1	
R13,28		Resistor	RD25M10-330KΩJ		2		2

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Ref. No	Parts No.	Description		iDP3550		iDP3551	
				R	P	R	P
R14,26		Resistor	RD25M10-330KΩJ	2		2	
R19		Resistor	1.5Ω-1W		1		1
R20		Resistor	1.5Ω-1W	1		1	
R22		Resistor	RD25M10-4.7KΩJ	1	1	1	1
R24,25		Resistor	RD25M10-10KΩJ			2	
R25,26		Resistor	RD25M10-10KΩJ				2
R27		Resistor	RD25M10-330KΩ	1	1	1	1
LB1-18,23-26	E4009-510	Fe. Beads	BL02RN1-A62	22	22	22	22
LB19-22	E4009-510	Fe. Beads	BL02RN1-A62			4	4
LB27	E4009-510	Fe. Beads	BL02RN1-A62				1
CA1	E4900-620	Cord Assy	25-0371	1	1	1	1
CA2	E4900-630	Cord Assy	25-0372	1	1	1	1
CN1	E48000260	Connector	B5P-SHF-1AA	1	1	1	1
CN2	E48000940	Connector	5267-02A-X	1	1	1	1
CN3	E48000265	Connector	5045-04A	1	1	1	1
CN4	E48000280	Connector	FCN-674J025-L/C	1		1	
CN4	E48000600	Connector	57GE-40360-751		1		1
(CN4)		Metal Stay	17L-002A	(2) (JPN,EUR)		(2) (JPN,EUR)	
(CN4)		Screw	M2.6×12 ZNP	(2) (JPN,EUR)		(2) (JPN,EUR)	
(CN4)		Metal Stay	17L-002C	(2) (USA)		(2) (USA)	
(CN4)		Screw	UNC#4-40×12(ZNP)	(2) (USA)		(2) (USA)	
CN5	E4800-945	Connector	5267-04A-X			1	1
CN6	E48000565	Connector	JACK-285D-9660J-101	1	1	1	1
JP102		Jumper	φ0.7mm 10mm	1		1	
SC1	E48000860	Switching Connector	00-8261-24-33-10-806	1	1	1	1
REC1-4	E48000855	Receptacle	20-8261-0249-06-807	4	4	4	4
REC5-8	E48000855	Receptacle	20-8261-0249-06-807	4		4	
ICS	E48000870	IC Socket	87-2806S04	1	1	1	1
PC		PCB	3550-01	1		1	
PC		PCB	3550-02		1		1

Ref. No	Parts No.	Description	iDP3550		iDP3551	
			R	P	R	P
(IC2)	E8035-010	Screw M3×10 ZNP (C)		2		2
		Screw M3×8 (B-506)	2	2	2	2
		Nut M3 ZNP (C)	2	4	2	4
		Insu-Lock Tie T18S	1	1	1	1
		ROM Label PDL-65	1	1	1	1

5.3.2 Power PCB Assy 3535-03

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Ref. No	Parts No.	Description	USA	EUR
TR		Transformer 25-0289 120V	(1)	
TR		Transformer 25-0290 230V		(1)
		Power Cord 25-0184 120V	(1)	
		Power Cord 25-0185 230V		(1)
NF		Noise Filter PLAA3221R0D01	1	1
IC1		Regulator M5231TL	1	1
IC2		Regulator μ PC2405AHF	1	1
TR1		Transistor 2SB1340	1	1
DS1		Diode Stack 2KBP02M	1	1
DS2		Diode Stack KBP02M	1	1
C1,2		Film Cap. PHE830M	2	2
C5		Ele. Cap 63PNJ-2200A 25×25	1	1
C6		C. Cap. DD804B101K50	1	1
C7		Ele. Cap. 50YK1M-TA-5×11	1	1
C8		Ele. Cap. 35YK470M 10×16	1	1
C9		Ele. Cap. SME16VB-3300M	1	1
C10		Ele Cap. CESME1C101	1	1
C11		Mylar Cap. DMY21H104	1	1
R1		Resistor RD25T(26)-330 Ω	1	1
R2		Resistor RD25T(26)-560 Ω	1	1
R3		Resistor SN14K2ET26A20K Ω F	1	1
R4		Resistor SN14K2ET26A1.54K Ω F	1	1
CN1		Connector F5P-SHVQ	1	1
CN5		Terminal GSK801		1
F1,3		Fuse 235001	2	1
F1		Fuse 218500		1
		Heat Sink 50-0079	1	1
SW		Switch SF-W1P1A-01BB2	1	1

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Ref. No	Parts No.	Description	USA	EUR
FH2 FH1,3 PCB		Adhesive Tape ϕ 10mm L=10mm	1	1
		Jumper ϕ 0.7mm L=18mm	1	1
		Screw M3×8 B Tight Znp(c)	2	2
		Screw M3×8 B Tight (B-567)	1	1
		Fuse Holder F218P	4	4
		PCB 3535-03	1	1
		Cord Bushing SR-4N-4	1	
		Cord Bushing SR-5N-4		1
		Tie CV-075		1