

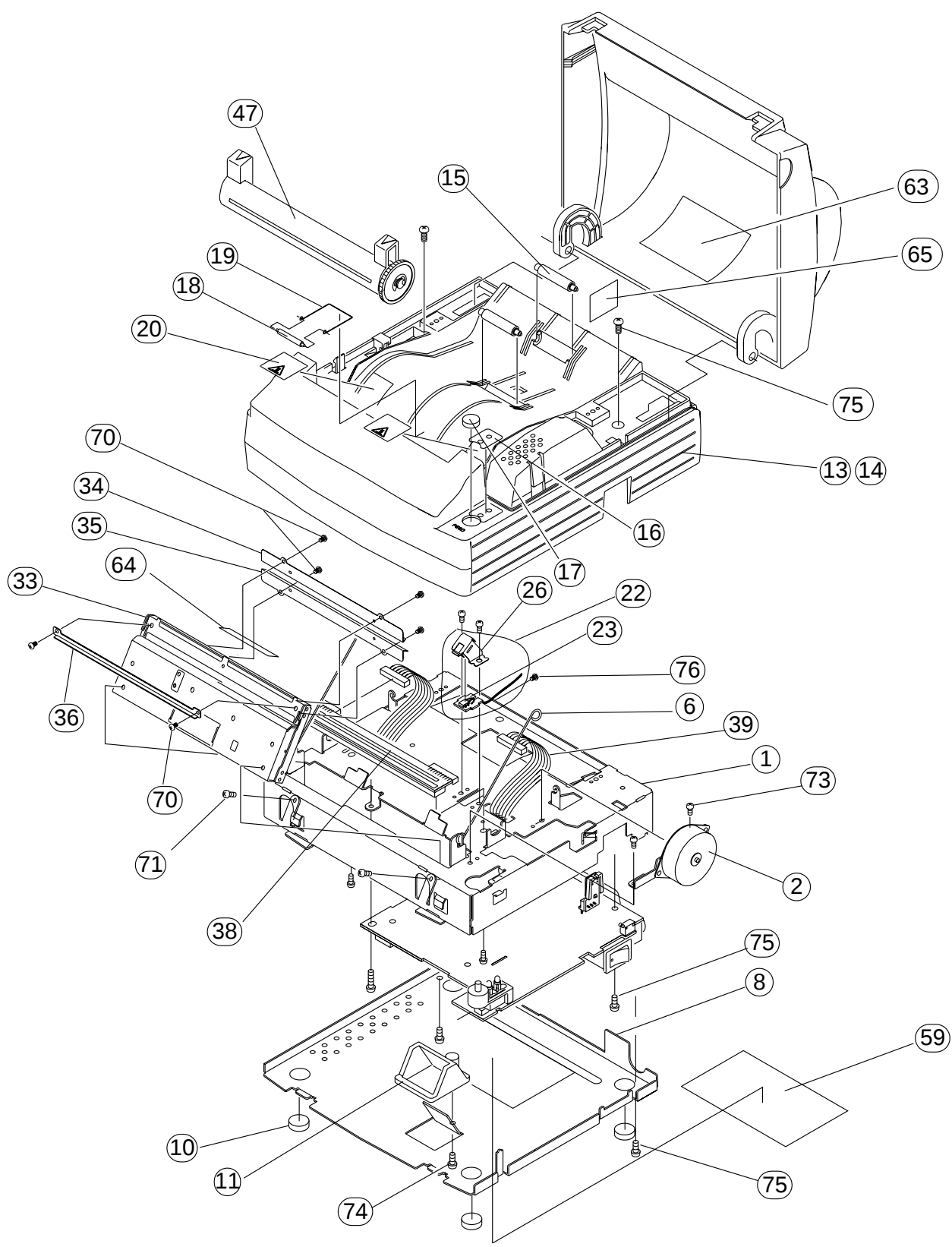
3. MECHANICAL SERVICE PARTS LIST

3.1 Parts List

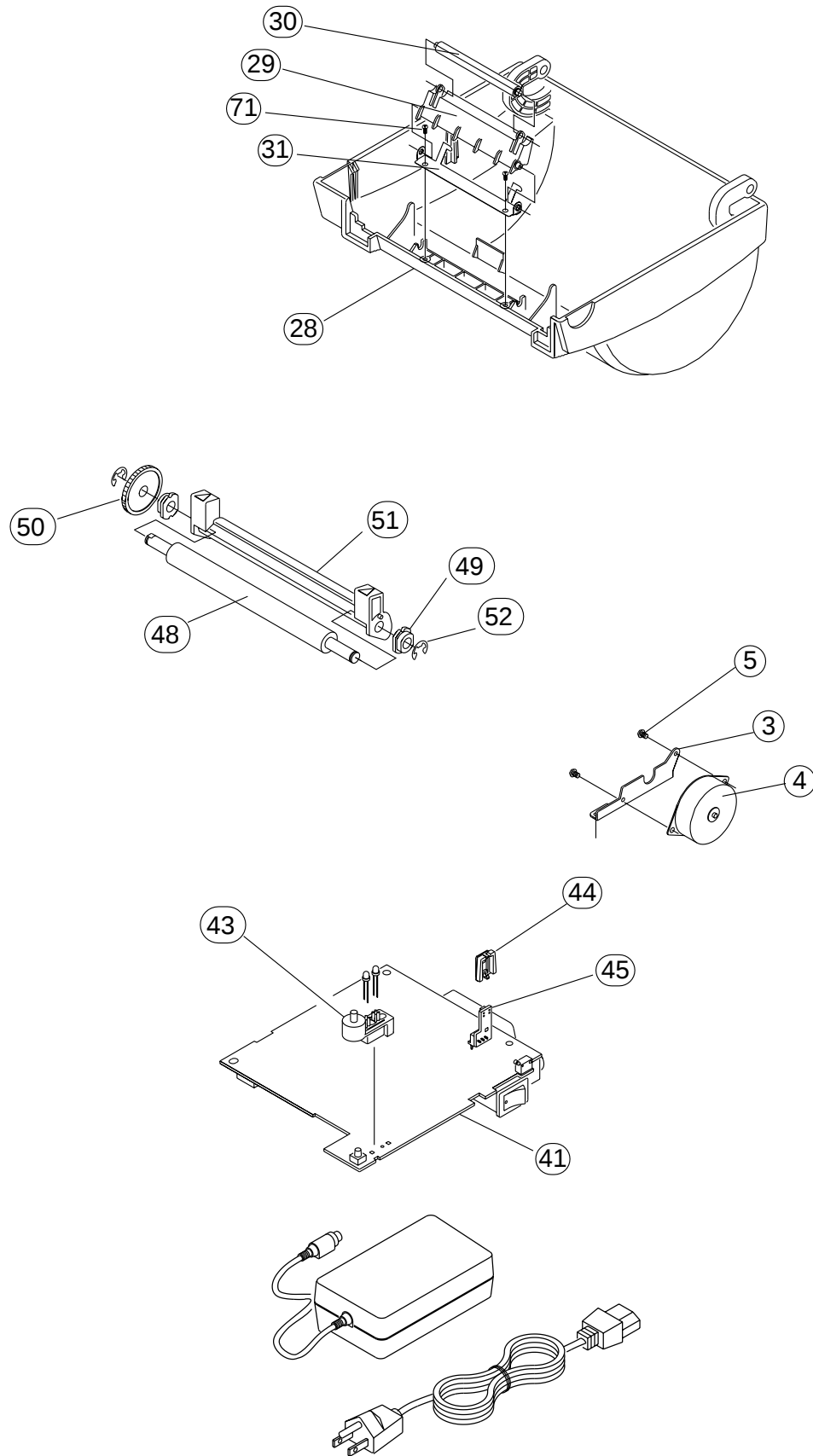
Ref. No.	Parts No.	Description	Q'ty	Remarks
			3240	
1	E4002-620	CHASSIS	1	
2	E8510-050	MOTOR Assy	1	
3	E8010-380	MOTOR BK	(1)	
4	E8017-110	MOTOR (SMB40-4850-D)	(1)	
5	23G 75069	SCREW,PH,M3 × 5	(2)	
6	E6601-430	WIRE SP	2	
8	E620 20430	BOTTOM COVER (R)	1	SERIAL
	E620 20440	BOTTOM COVER (P)		PARALLEL
10	E6302-370	RUBBER FOOT (ZUREN ZFK)	4	
11	E6601-330	FINGER GARD	1	
13	E66201-110	TOP COVER Assy	1	
14	E66201-100	TOP COVER	(1)	
15	E6612-050	ROLLER	(2)	
16	E5200-250	OP SHEET	(1)	
17	E5049-030	CAP	(1)	
18	E6101-150	INSERT ROLLER	(1)	
19	23G75514	INSERT ROLLER SP	(1)	
20	E6101-170	INSERTER	(2)	
22	E40000360	PE PCB Assy	1	
23	E40000370	PE PCB	(1)	
24	E4900-670	CODE Assy-CA3 (3240)	(1)	
25	E391-150	PHOTOINTERRUPTER (GP2S40)	(1)	
26	E4000390	PE PCB HOLDER	1	
27	E62040605	PRINTER COVER Assy	1	
28	E62040600	PRINTER COVER	1	
29	E8031-100	ROLLER HOLDER	1	
30	E8031-110	ROLLER	1	
31	E8031-120	ROLLER SPRING	1	
33	ACS-241-FM	ACS-241	1	
34	E8010-390	MOUTH PLATE R	1	
35	E8010-400	MOUTH PLATE F	1	
36	E6220-680	TEAR BAR	1	
38		THERMAL HEAD (KF2004-GC10C)	1	
39	E4900-660	HEAD CABLE Assy	1	
41	E77001-510	MAIN PCB Assy R-JPN	(1)	SERIAL
	E77001-511	MAIN PCB Assy R-USA	(1)	SERIAL
	E77001-520	MAIN PCB Assy R-EUR	(1)	SERIAL
	E77001-525	MAIN PCB Assy P-JPN	(1)	PARALLEL
	E77001-530	MAIN PCB Assy P-USA/EUR	(1)	PARALLEL
43	E5071-140	LED KEY TOP	(1)	
44	E5110-530	PE SENSOR COVER	(1)	
45	E40000380	PE Assy	(1)	
47	E8040-640	PLATEN ROLLER Assy	1	

Ref. No.	Parts No.	Description	Q'ty	Remarks
			3240	
48		PLATEN	(1)	
49		PLATEN BUSHING	(2)	
50		PLATEN GEAR	(1)	
51		PLATEN HOLDER	(1)	
52		E-RING No.4	(2)	
54		AC ADAPTER 31AD	1	
55	E6100-735	AC CORD SET-1 (JPN)	(1)	
	E6100-730	AC CORD SET-2 (USA)	(1)	
	E6100-765	AC CORD SET-3 (EUR)	(1)	
	E5103-560	Switching plug KPR-25-B		
59		Rating plate JPN	(1)	
		Rating plate USA	(1)	
		Rating plate EUR	(1)	
63		PAPER SET LABEL	1	
64		CAUTION DON'T TOUCH 3	(1)	
65		CAUTION DRAWER	(1)	
70		SCREW, No.0, PHT (ST) (#1), M2 × 6	6	
71		SCREW, PHT (ST), M2.6 × 6	2	
72		SCREW, PHT (BT), M2.6 × 6	2	
73		SCREW, PHT (ST), M3 × 5	2	
74		SCREW, PHT (BT), M3 × 6	1	
75		SCREW, PHT (ST), M3 × 8	7	
76		SCREW, PHT (ST, EXT, TW), M3 × 6	1	

3.2 Exploded View 1



3.2 Exploded View 2



4 iDP3240 CIRCUIT DIAGRAMS

4.1 Parts List for Control PCB Assy

Ref. No.		Parts No.	Description	Q'ty		Remarks
R	P			R	P	
IC1	IC1		CPU	1	1	
IC2	IC2		GATE ARRAY	1	1	
IC3	IC3		FLASH-ROM	1	1	4M product
IC4	IC4		RAM	1	1	
IC5	IC5		DC/DC CONVERTER	1	1	
IC6	IC6		RESET IC	1	1	
IC7,8			INTERFACE	2		
	IC7,8		H-CMOS		2	
	IC9		H-CMOS		1	
IC101	IC101		KANJI ROM	1	1	Only mounted for JPN
TA1	TA1		TRANSISTOR ARRAY	1	1	L-angle product
TA2	TA2		TRANSISTOR ARRAY	1	1	
Tr1,9,10	Tr1,9,10		TRANSISTOR	3	3	
Tr2	Tr2		TRANSISTOR	1	1	
Tr3,4,8	Tr3,4,8		TRANSISTOR	3	3	
Tr5	Tr5		TRANSISTOR	1	1	
Tr6,7	Tr6,7		TRANSISTOR	2	2	
Tr11,12	Tr11,12		TRANSISTOR	2	2	
ZD1	ZD1		ZENER DIODE	1	1	
D1	D1		DIODE	1	1	
LED1	LED1		LIGHT EMITTING DIODE	1	1	
LED2	LED2		LIGHT EMITTING DIODE	1	1	

Ref. No.		Parts No.	Description	Q'ty		Remarks
R	P			R	P	
R34,39, 44,3			RESISTOR	4		
	R34,39, 44,53,3		RESISTOR		5	
R31,36,41	R31,36,41		RESISTOR	3	3	
R23			RESISTOR	1		
	R23,24		RESISTOR		2	
R24			RESISTOR	1		
R18~20, 26,30			RESISTOR	5		
	R18~20, 26,30		RESISTOR		5	
R11,12	R11,12		RESISTOR	2	2	
R1,2,16, 21,29			RESISTOR	5		
	R1,2,16, 21,29		RESISTOR		5	
R5~7,17, 22,25,27, 28,35,40, 45~50			RESISTOR	16		
	R5~7,17 22,25,27, 28,35,40, 45~50		RESISTOR		16	
R33,43	R33,43		RESISTOR	2	2	
R8,9	R8,9		RESISTOR	2	2	
R32,38,42			RESISTOR	3		
	R32,38,42		RESISTOR		3	
R15	R15		RESISTOR	1	1	
R14	R14		RESISTOR	1	1	
R52	R52		RESISTOR	1	1	
R51	R51		RESISTOR	1	1	
R4	R4		RESISTOR	1	1	
R10,13	R10,13		RESISTOR	2	2	
	RA1,2		RESISTOR ARRAY		2	

Ref. No.		Parts No.	Description	Q'ty		Remarks
R	P			R	P	
C1,2,37			CERAMIC CAPACITOR	3		
	C1,2,31		CERAMIC CAPACITOR		3	
C3	C3,30		CERAMIC CAPACITOR	1	2	
C4,5,8~11, 18,26~36, CP1,CP5~ 16			CERAMIC CAPACITOR	31		
	C4,5,8~11, 18,26, CP1~16		CERAMIC CAPACITOR		24	
C12,13, 16,106			CERAMIC CAPACITOR	4		
	C12,13, 16,28, 106		CERAMIC CAPACITOR		5	
C14,15	C14,15		CERAMIC CAPACITOR	2	2	
C17,19~25			CERAMIC CAPACITOR	8		
	C17,19~25, 27,29		CERAMIC CAPACITOR		10	
C101~105, 107,108			CERAMIC CAPACITOR	7		
	C101~105, 107,108		CERAMIC CAPACITOR		7	
C110,111 114			CERAMIC CAPACITOR	3		
	C110,111 114		CERAMIC CAPACITOR		3	
C6	C6		ELECTROLYTIC CAPACITOR	1	1	
C7	C7		ELECTROLYTIC CAPACITOR	1	1	
DS1,2	DS1,2		DIP SWITCH	2	2	
DS3,4			DIP SWITCH	2		
S1	S1		SWITCH	1	1	
S2	S2		SWITCH	1	1	
S3	S3		SWITCH	1	1	
F1	F1		FUSE	1	1	
F2	F2		FUSE	1	1	
F3	F3		FUSE	1	1	
X1	X1		OSCILLATOR	1	1	

Ref. No.		Parts No.	Description	Q'ty		Remarks
R	P			R	P	
CN1	CN1		CONNECTOR	1	1	
CN2	CN2		CONNECTOR	1	1	
CN3	CN3		CONNECTOR	1	1	
CN4	CN4		CONNECTOR	1	1	
CN5	CN5		CONNECTOR	1	1	
CN6	CN6		CONNECTOR	1	1	
CN7	CN7		CONNECTOR	1	1	
CN8	CN8		CONNECTOR	1	1	
(CN9-2)	(CN9-2)		CONNECTOR	(1)	1	
CN10			CONNECTOR	1		JPN/EUR specifications only
CN10			CONNECTOR	1		USA specifications only
	CN10		CONNECTOR		1	
L1,2,4~7, 18~32,37 38,40			FERRITE BEADS	24		
	L1,2,4~7, 18~32,37 38,40		FERRITE BEADS		24	
L3,8~17, 33~36,39 41~60			FERRITE BEADS	36		
	L3,8~17, 33~36,39 41~73		FERRITE BEADS		49	
			LED KEY TOP	1	1	
			PCB	1		
			PCB		1	
(IC3)	(IC3)		ROM LABEL	1	1	