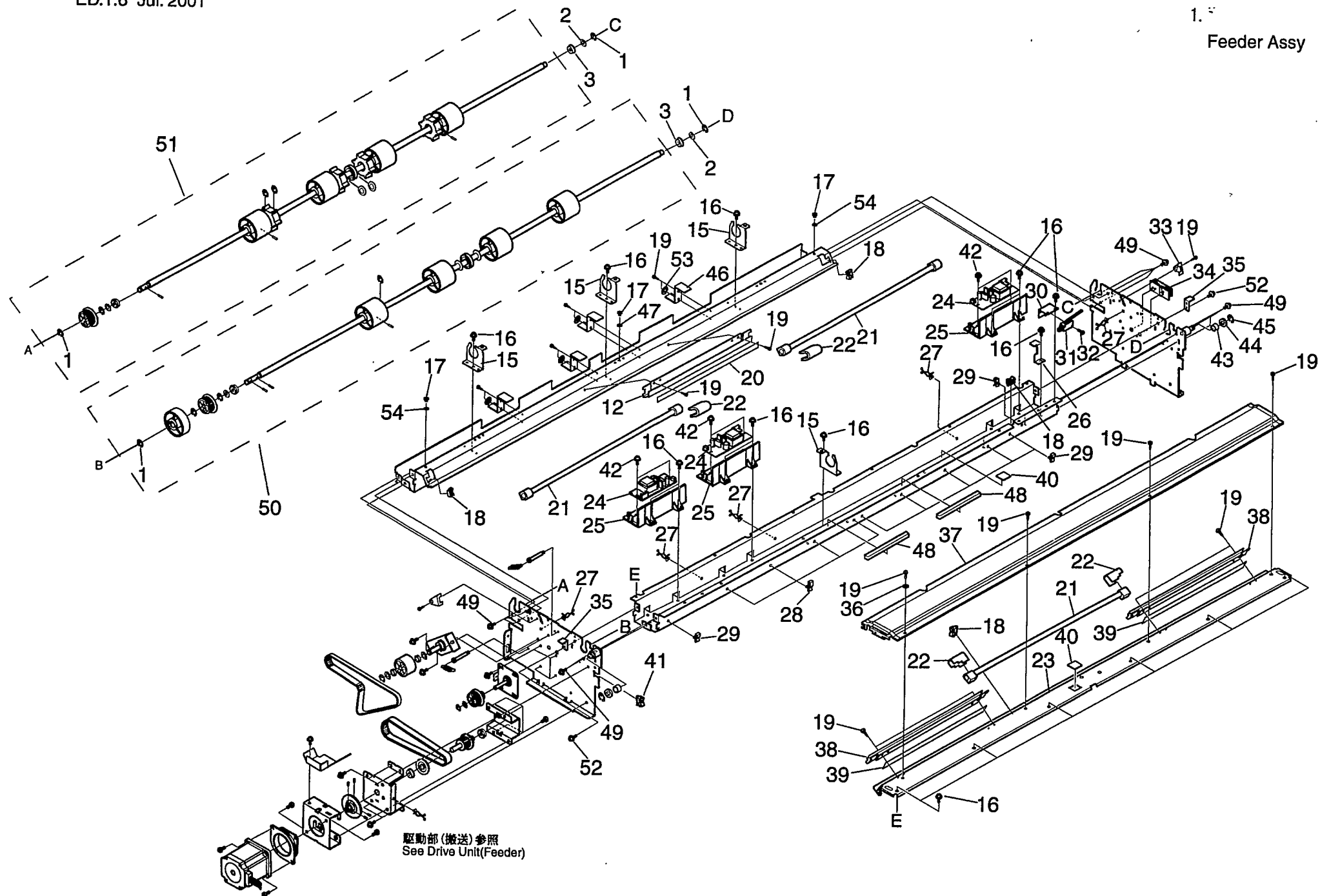


KIP 2050 2080 / 2120 2160

Parts Manual

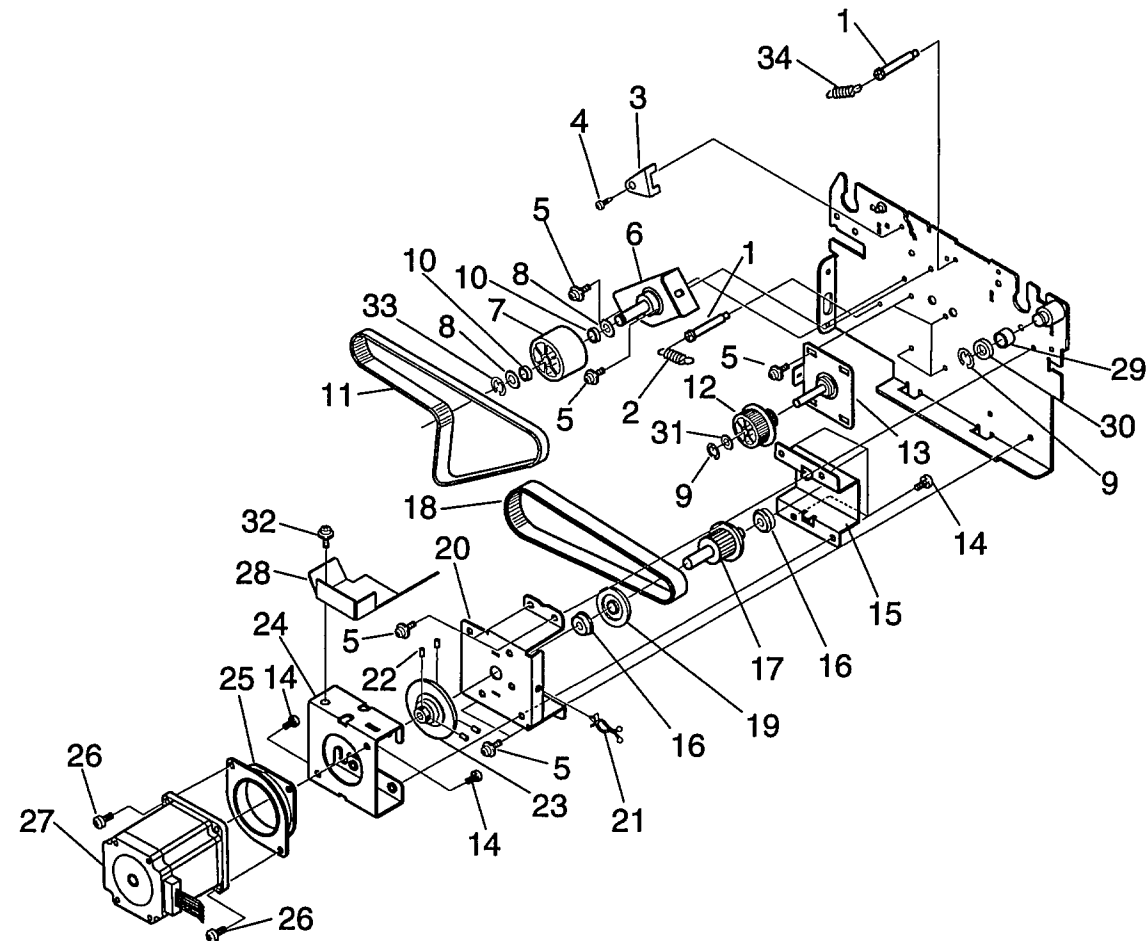
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Diagram	Page	Subject
1	3	Feeder Assy
2	6	Drive Unit(Feeder)
3	9	Upper Assy
4	12	Drive Unit (Upper)
5	14	Base 1
6	17	Base 2
7	20	Panel
8	22	Optical Unit
9	24	Cover
10	26	Harness
11	28	Accssesory



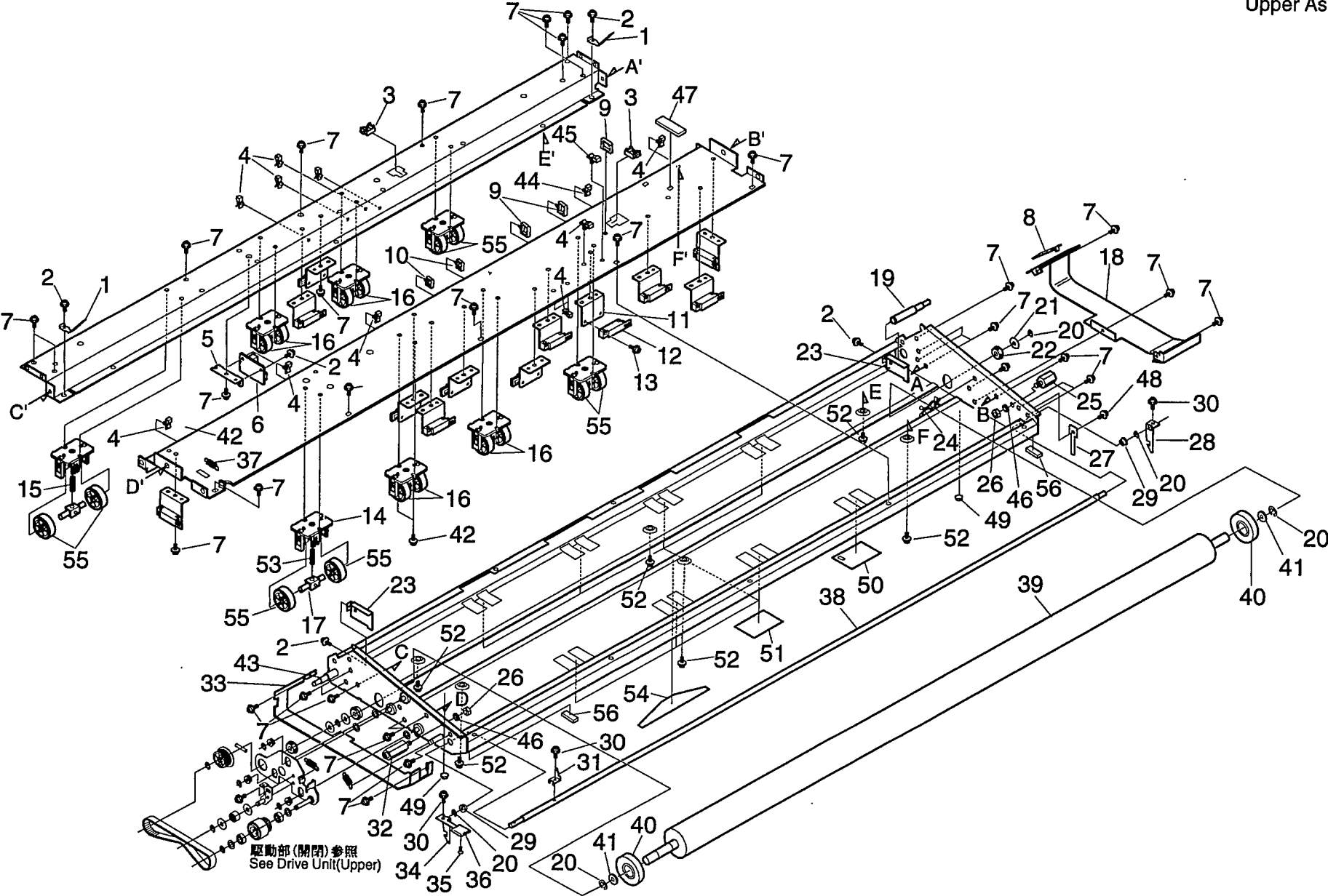
Item	Part #	Discription	Type / Std	Stock Qty	
1	6807033309	Retaining Ring-E	E6,Ni	D	4
2	7501002350	Polyslider		C	2
3	9000780113	Bearing		C	2
4					
5					
6					
7					
8					
9					
10					
11					
12	7501001040	Lamp Bracket B Assy		C	1
13					
14					
15	7501001500	R. Shaft Support Bracket		C	4
16	7501002580	Tapping Screw	M4×8,Fe+ZC	D	18
17	7501000460	Guide Pin		D	3
18	7501003110	Edge Saddle		C	4
19	7501002560	Tapping Screw	M3×6,Fe+ZC	D	19
20	7501000510	Reflecting Mirror B		C	1
21	7501002210	Lamp(18000LX)	50/80 black	C	3
21	7501003050	Lamp(40000LX)	120/160 white	C	3
22	7501000640	Lamp Cover		C	4
23	7501001260	Lamp Base		C	1
24	7501081770	Lamp Driver	50/80	B	3
24	7501003000	Lamp Driver	120/160	B	3
25	7501000580	Lamp Driver Stand		C	3
26	7501080130	Black Sheet Bracket Assy		C	1
27	7501002440	Tie Clamp		C	5
28	7501002410	Mini Clamp,Side-Slot		C	4

29	9000450377	Mini Clamp,Side-Slot		C	7
30	7501001140	Micro Switch Bracket		C	1
31	7501001990	Micro Switch		C	1
32	7501002540	Tapping Screw	M3×16,Fe+ZC	D	1
33	7501001050	Lamp Bracket C		C	1
34	7501003250	Flat Cable Clamp		C	1
35	7501001580	Receiver		C	2
36	7501002590	Outer Toothed Lock Washer	3,Fe+ZC	D	1
37	7501080110	Original Glass Assy		B	1
38	7501080270	Lamp Bracket A Assy		C	2
39	7501000500	Reflecting Mirror A		C	2
40	7501000650	Black Sheet		C	2
41	7501002740	Edge Saddle		C	1
42	7501002570	Tapping Screw	M3×8,Fe+ZC	D	6
43	7501003210	Collar		D	1
44	7501003220	Washer		C	1
45	6807033308	Retaining Ring-E	E5,Ni	D	1
46	7501003230	Original Glass Bracket		C	4
47	6804015251	Spring Washer	4,Fe+ZC	C	1
48	7501003540	Dustproof Pad 4		C	2
49	7501003570	Tapping Screw	M4×8,Fe+ZC	D	10
50	7501080090	Drive Roller Complete		C	1
51	7501080060	Exit Roller Complete		C	1
52	7501002500	Tapping Screw		D	4
53	7501004180	Polyslider		C	4
54	7501004050	Polyslider		C	2



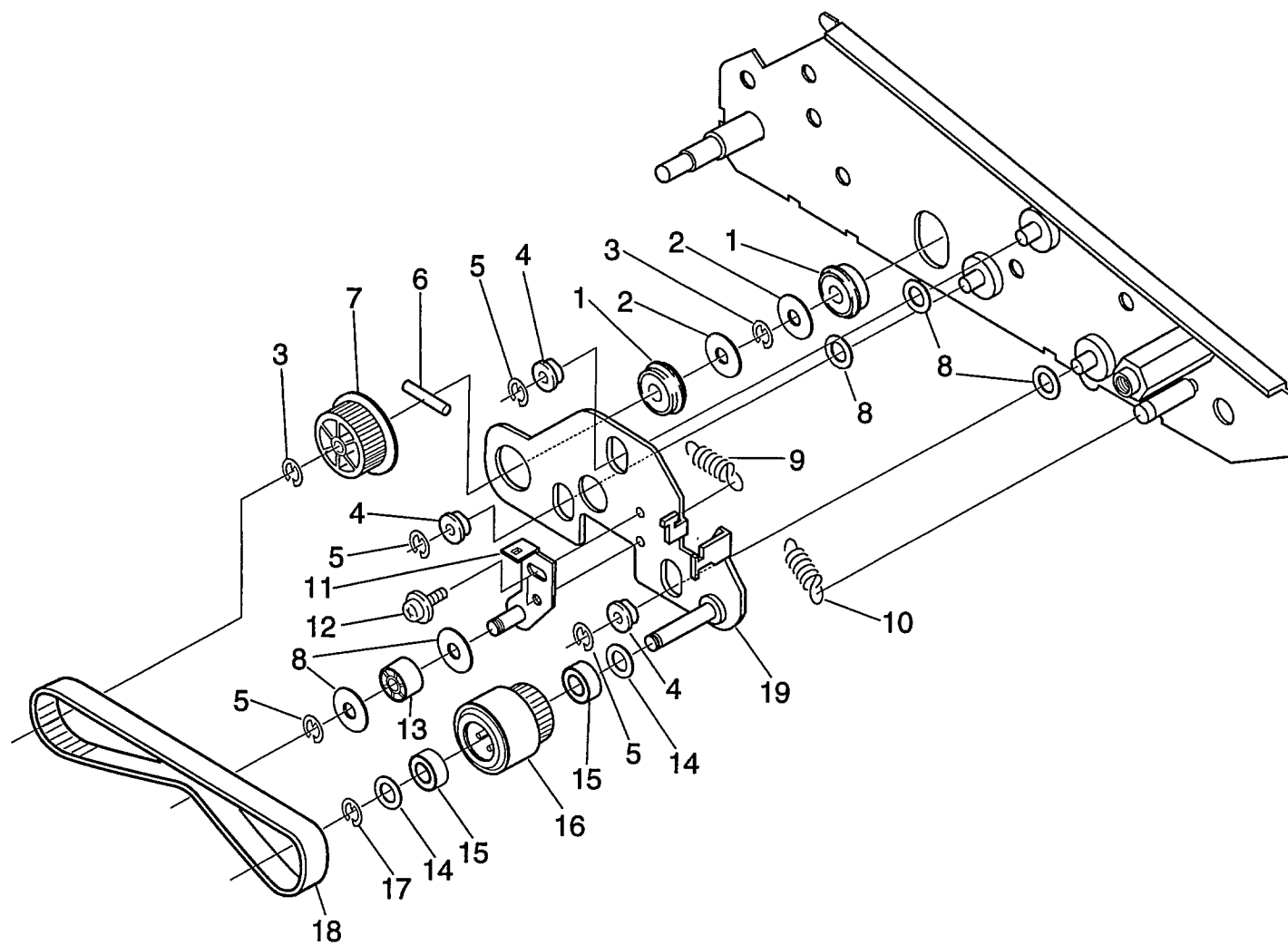
ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501000450	Spring Hook Pin		C	2
2	7501000370	Tension Spring		C	1
3	7501001050	Lamp Bracket C		C	1
4	7501002560	Tapping Screw	M3×6,Fe+ZC	D	1
5	7501002580	Tapping Screw	M4×8,Fe+ZC	D	10
6	7501080880	Tension Plate B Assy		C	1
7	7501000280	Tension Roller		C	1
8	7501002380	Polyslider		C	2
9	6807033308	Retaining Ring-E	E5,Ni	D	2
10	7501002230	Ball Bearing(5-8)		C	2
11	7501001980	Drive Roller Timing Belt		C	1
12	7501080990	Pulley 050 Assy	21:66	C	1
12	7501080050	Pulley 080 Assy	21:42	C	1
12	7501080980	Pulley 120 Assy	21:28	C	1
12	7501080970	Pulley 160 Assy	21:21	C	1
13	7501080800	Motor Tension Plate Assy		C	1
14	7501002690	Pan Head Screw	M4×10,Fe+ZC	D	6
15	7501001240	Motor Bracket 3		C	1
16	7501002260	Bearing		C	2
17	7501080770	Motor Pulley Assy		C	1
18	7501003040	Motor Timing Belt 160	202	C	1
18	7501003030	Motor Timing Belt 120	210	C	1
18	7501001960	Motor Timing Belt 080	224	C	1
18	7501003020	Motor Timing Belt 050	250	C	1
19	7501000630	Pulley Flange		C	1
20	7501001070	Motor Bracket 1		C	1
21	7501002440	Tie Clamp		C	1
22	7501002610	Set Screw	M3×5,Fe+BK	D	4
23	7501002220	Damper Coupling	50-80-120	C	1
23	7501004170	Damper Coupling	160	C	1

24	7501001230	Motor Bracket 2		C	1
25	7501000470	Damper		C	1
26	7501002700	Bind.Head Screw,W/SW FW	M4×10,Fe+ZC	D	2
27	7501001950	Stepping Motor	050/080/120	C	1
27	7501004160	Stepping Motor	160	C	1
28	7501000530	Tray 1		C	1
29	7501003210	Collar		C	1
30	7501003220	Washer		D	1
31	7501002390	Polyslider		C	1
32	7501003570	Tapping Screw	M4×8,Fe+ZC	D	1
33	6807033307	Retaining Ring-E	E4,Ni	D	1
34	7501004030	Tension Spring		D	1

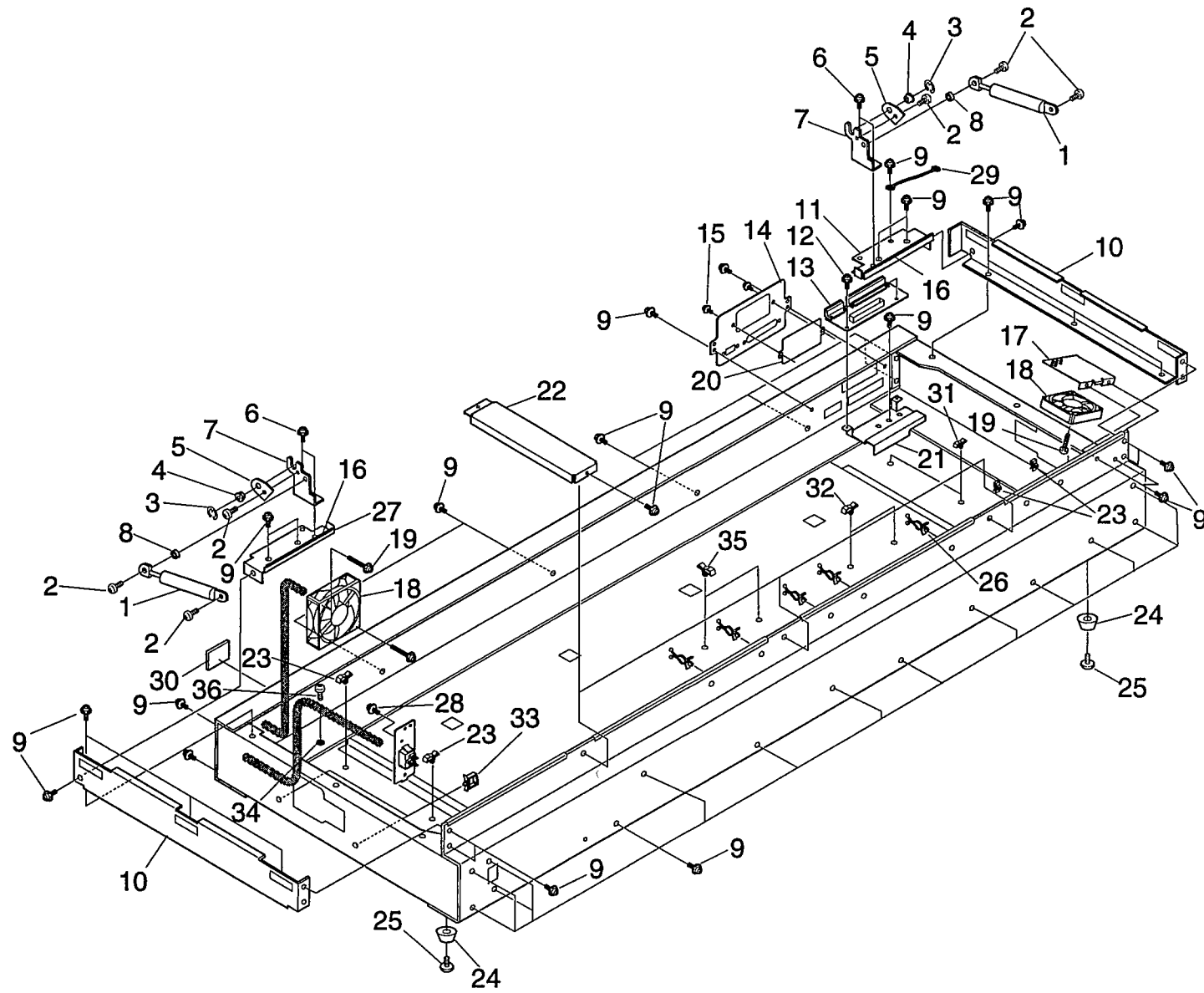


ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501001630	Spring		C	2
2	7501002560	Tapping Screw	M3×6,Fe+ZC	D	6
3	9000450254	Edge Saddle		C	2
4	9000450377	Mini Clamp,Side-Slot		C	11
5	7501001590	Jam Sensor Holder		C	1
6	7501080750	Long Orig Jam Sen PCB Assy		B	1
7	7501003570	Tapping Screw	M4×8,Fe+ZC	D	56
8	7501002270	Flat Cable Clamp		C	1
9	9000450171	Wire Saddle		C	3
10	7501002290	Locking Mini Clamp		C	2
11	7501001600	Sensor Holder		C	12
12	7501004310	Photointerrupter		B	12
13	7501002530	Tapping Screw	M3×12,Fe+ZC	D	12
14	7501000590	Roller Holder		C	8
15	7501000380	Roller Pressure Spring		C	4
16	7501000300	Roller		C	8
17	7501080120	FR Shaft Holder Assy		C	8
18	7501001650	Right Damper Cover		C	1
18	7501004270	Right Damper Cover new colour		D	1
19	7501002040	Right Rotating Shaft		C	1
20	6807033309	Retaining Ring-E	E6,Ni	D	5
21	7501002340	Polyslider		C	1
22	9000780113	Bearing		C	1
23	7501001560	Fulculum Support Bracket		C	2
24	7101002450	Cable Clip		C	1
25	7501000150	Right Damper Shaft		C	1
26	7501003390	Hex.Nut	M6,Class2,Fe+ZC	D	2
27	7501000520	Sensor Lever		C	1
28	7501001540	Right Lock Lever		C	1
29	7501002150	Oiless Metal		C	2

30	7501002640	Tapping Screw	M3×8,Fe+ZC	D	3
31	7501001550	Lock Lever Stopper		C	1
32	7501000140	Left Damper Shaft		C	1
33	7501001640	Left Damper Cover		C	1
33	7501004260	Left Damper Cover new colour		D	1
34	7501001530	Left Lock Lever		C	1
35	7501002470	Flush Head Screw	M3×4,Fe+ZC	D	1
36	7501000100	Switch Lever		C	1
37	7501000370	Tension Spring		C	1
38	7501000160	Lock Lever Shaft		C	1
39	7501000320	White Roller		C	1
40	7501000311	Spacing Roller (old Ver 7501000310)		C	2
41	7501002350	Polyslider		C	2
42	7501002580	Tapping Screw	M4×8,Fe+ZC	D	16
43	7501002030	Left Rotating Shaft		C	1
44	7501002730	Mini Clamp,Side-Slot		C	1
45	7501002410	Mini Clamp,Side-Slot		C	1
46	7501003240	Washer		D	2
47	7501003250	Block Core W/Clamp		C	1
48	7501002500	Tapping Screw	M4×10,Fe+ZC	D	1
49	7501003260	Rubber Foot		C	2
50	7501003500	Jam Sheet 1		C	1
51	7501003510	Jam Sheet 2		C	7
52	7501003480	Tapping Screw		D	6
53	7501003520	Roller Pressure Spring		C	4
54	7501004130	Feed Stabilizer		C	1
55	7501004040	Roller 2		C	8
56	7501004330	Magnetic Shield		C	2

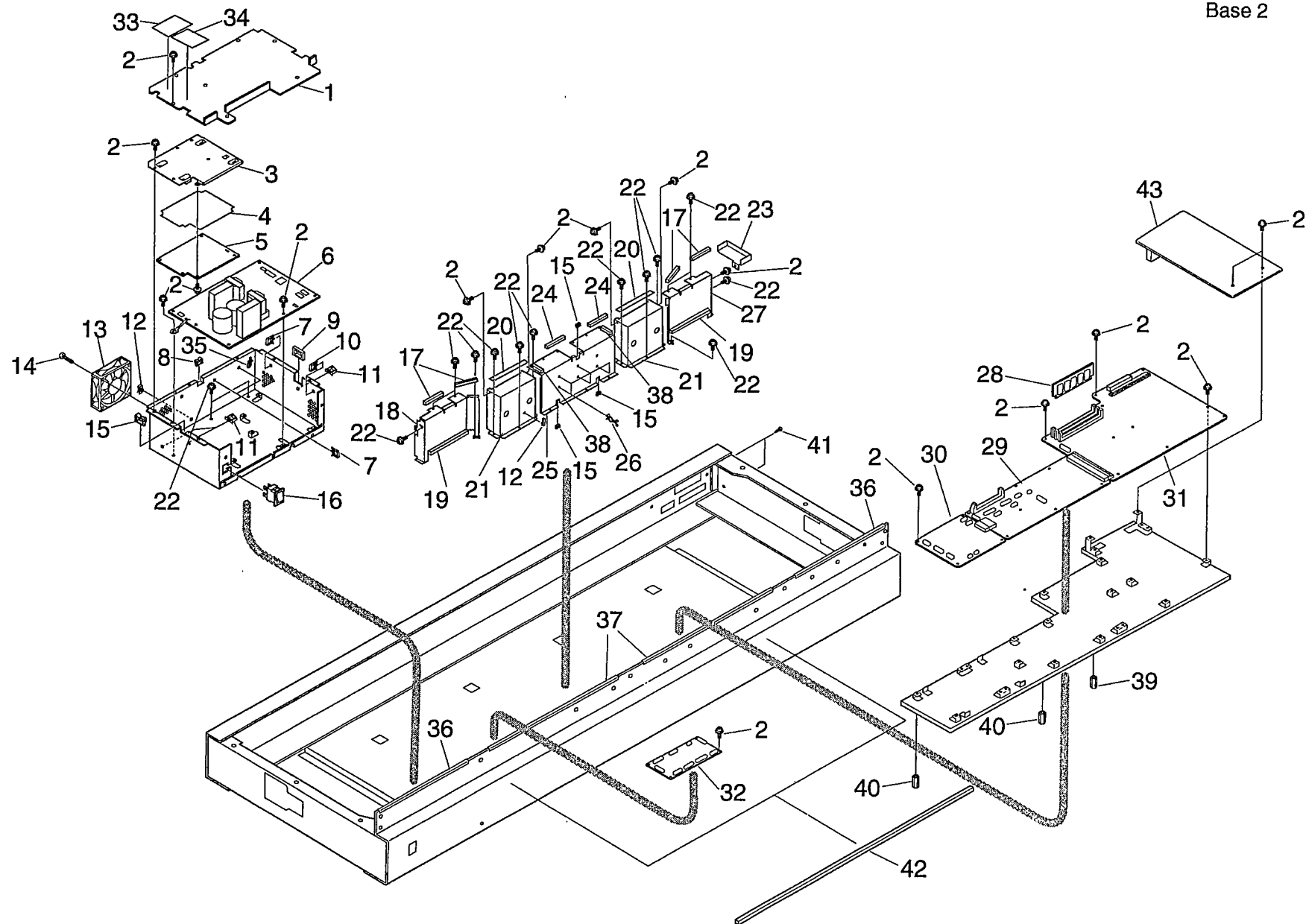


ITEM	PART #	Discription	Type Std	Stock Qty
1	9000780113	Bearing		C 2
2	7501002340	Polyslider		C 2
3	6807033309	Retaining Ring-E	E6,Ni	D 2
4	7501000610	Holder		C 3
5	6807033307	Retaining Ring-E	E4,Ni	D 4
6	6817114054	Parallel Pin	φ3×16,SUS303	D 1
7	7501000270	Pulley		C 1
8	7501002330	Polyslider		C 5
9	7501000400	Tension Spring A		C 1
10	7501000390	Tension Spring		C 1
11	7501080860	Tension Plate A Assy		C 1
12	7501002560	Tapping Screw	M3×6,Fe+ZC	D 2
13	7501080100	Tension Roller Assy		C 1
14	7501002390	Polyslider		C 2
15	7501002460	Bearing		C 2
16	7501000260	Rubber Roller		C 1
17	6807033308	Retaining Ring-E	E5,Ni	D 1
18	7501001970	White Roller Timing Roller		C 1
19	7501080890	Plate Assy		C 1



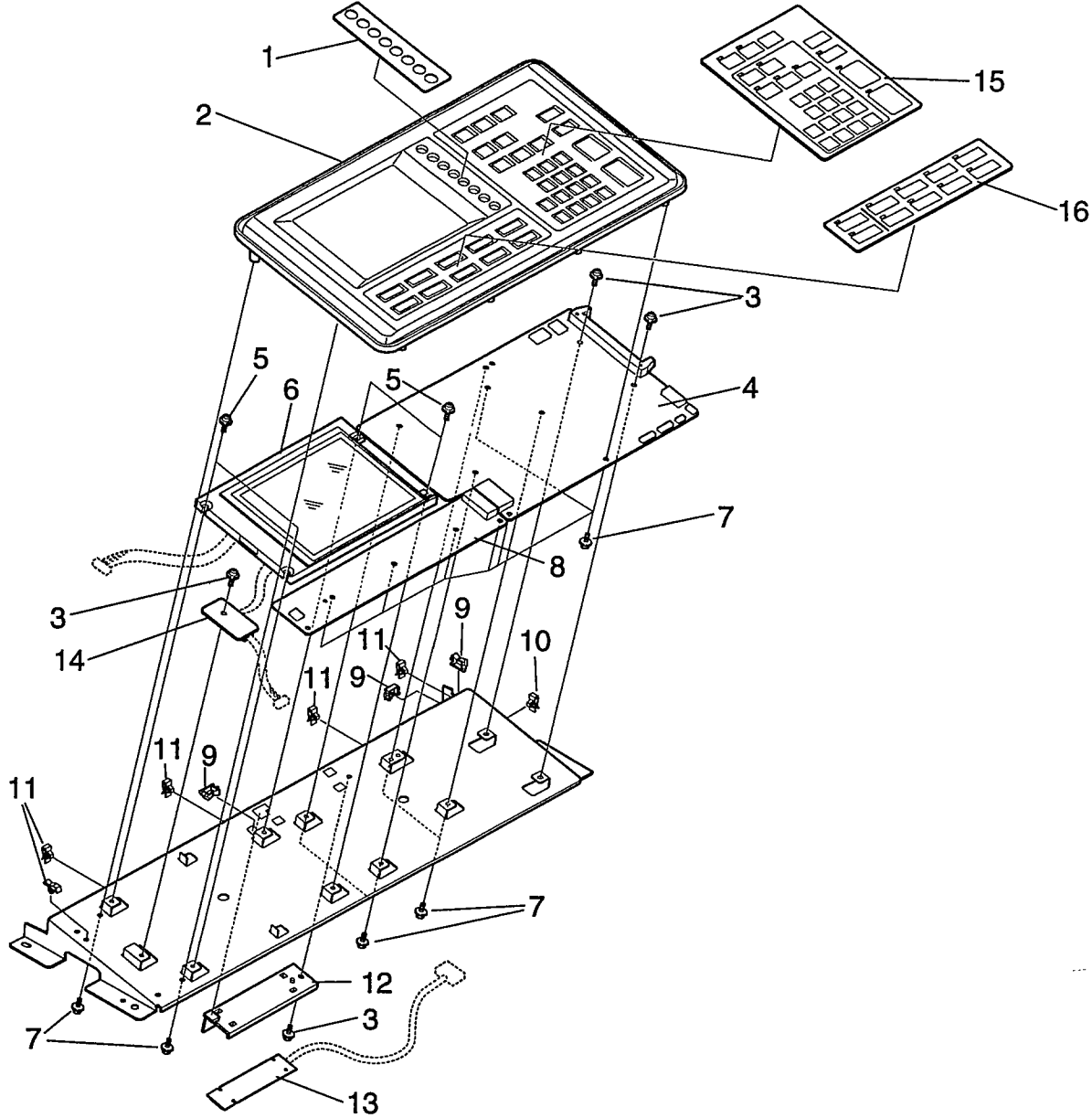
ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501002130	Gas Spring		C	2
2	7501002720	Tapping Screw	M4×12,Fe+ZB	D	6
3	6807033309	Retaining Ring-E	E6,Ni	D	2
4	7501002140	Bearing		C	2
5	7501000550	Damper Stopper		C	2
6	7501002500	Tapping Screw	M4×10,Fe+ZC	D	4
7	7501001520	Fulcrum Bracket		C	2
8	7501000570	Gas Spring Collar		C	2
9	7501003570	Tapping Screw	M4×8,Fe+ZC	D	47
10	7501001120	Cover Plate		C	2
11	7501001110	Ful. Bracket Right Fixing		C	1
12	7501002560	Tapping Screw	M3×6,Fe+ZC	D	2
13	7501080710	Connector Termi. PCB Assy		B	1
14	7501001150	IF Connector PCB Bracket 1		C	1
15	7501002640	Tapping Screw	M3×8,Fe+ZC	D	2
16	7501002180	Edging		C	2
17	7501001210	Fan Bracket		C	1
18	7501002020	DC Fan Motor 80		C	2
19	7501002550	Tapping Screw	M3×30,Fe+ZC	D	4
20	7501000970	SCSI Cover		C	1
21	7501001160	IF Connector PCB Bracket 2		C	1
22	7501001570	Reinforcement Plate		C	3
23	9000450377	Mini Clamp,Side-Slot		C	4
24	7501002170	Rubber Foot		C	4
25	7501002510	Tapping Screw	M4×16,Fe+ZC	D	4
26	7501002440	Tie Clamp		C	5
27	7501001100	Ful. Bracket Left Fixing		C	1
28	7501002670	Tapping Screw	M4×6,Bs+Ni	D	1
29	7501003270	Ground Cable		C	1
30	7501003280	Rubber		C	1

31	7501002250	Block Core w/clamp		C	2
32	7501002270	Flat Cable Clamp		C	2
33	9000450296	Wire Saddle		C	3
34	6806012291	Outer Toothed Lock Washer	4,Fe+Ni	D	1
35	7501002410	Mini Clamp,Side-Slot		C	2
36	6908203099	Bind.Head Screw	M4×6,Fe+ZC	D	1

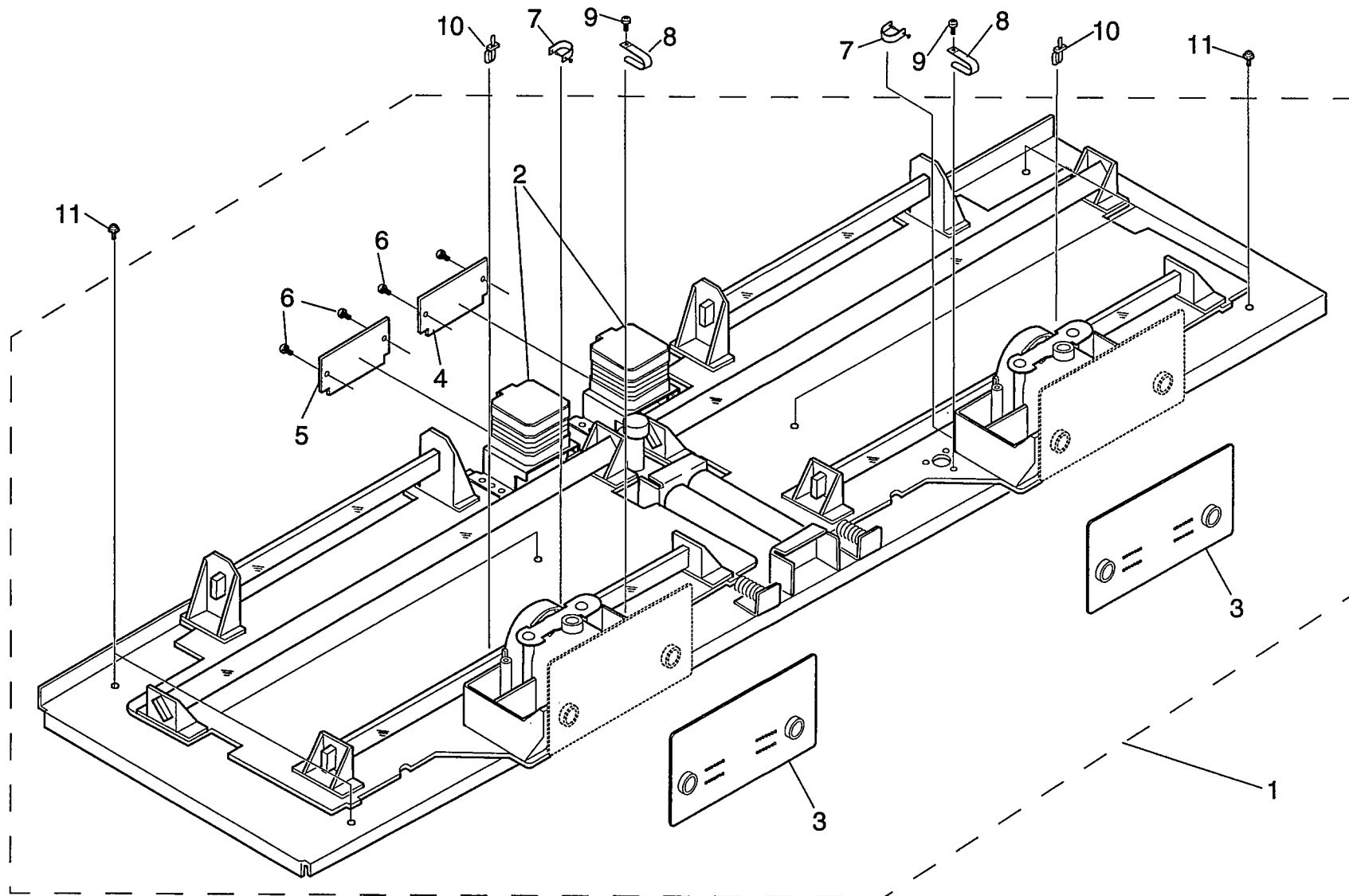


ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501001410	Power Supply Box Cover		C	1
2	7501002560	Tapping Screw	M3×6,Fe+ZC	D	55
3	7501001220	Sub Power Supply Bracket		C	1
4	7501001250	Sub PCB Insulating Sheet		C	1
5	7501080760	Sub Power Supply PCB Assy		B	1
6	7501080660	Power Supply PCB Assy	pw 7561	B	1
7	9000450171	Wire Saddle		C	3
8	7501003110	Edge Saddle		C	1
9	9000450335	Edge Saddle		C	1
10	7501002290	Locking Mini Clamp		C	1
11	9000450296	Wire Saddle		C	3
12	9000450377	Mini Clamp,Side-Slot		C	2
13	7501002020	DC Fan Motor(80)		C	1
14	7501002550	Tapping Screw	M3×30,Fe+ZC	D	2
15	9000450446	Edge Saddle		C	4
16	7501003060	Power Switch		C	1
17	7501002070	Magnetic Shield		C	4
18	7501001010	Partition L		C	1
19	7501000660	Dustproof Pad 1		C	2
20	7501000670	Dustproof Pad 2		C	2
21	7501001390	CCD Shield Case		C	2
22	7501003570	Tapping Screw	M4×8,Fe+ZC	D	19
23	7501000540	Tray 2		C	1
24	7501002060	Magnetic Shield		C	2
25	7501001020	Partition M		C	1
26	7501002440	Tie Clamp		C	5
27	7501001000	Partition R		C	1
28	PPEC64RAM	DRAM Module(DIMM) 9000500183		C	1
	PPEC128RAM	DRAM Module(DIMM)		C	2
29	7501080670	CPU PCB Assy	pw 7520	C	1

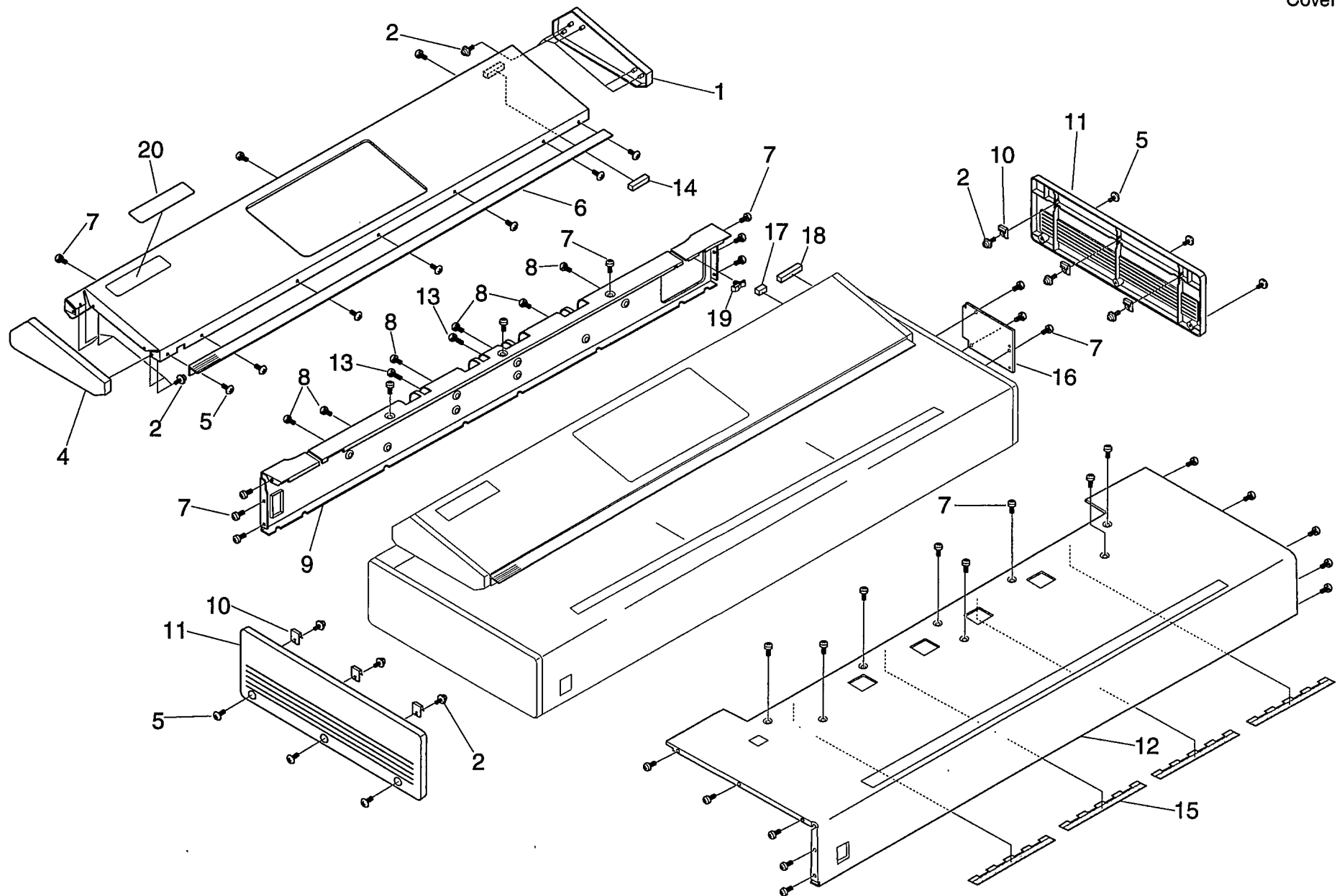
30	7501080700	Drive PCB Assy	pw 7560	B	1
31	7501080680	Image Process PCB Assy	50/80 pw 7522	B	1
31	7501081090	Image Process PCB Assy	120/160 pw 7526	B	1
32	7501080690	Power Terminal PCB Assy	pw 7515	B	1
33	7501003290	Inlet Caution Label		D	1
34	7501003300	Fuse Warning Label		D	1
35	7501003490	Tie Band		C	1
36	7501002190	Edging		C	2
37	7501002200	Edging		C	2
38	7501003530	Dustproof Pad 3		C	2
39	7501001460	Stud		C	1
40	7501001470	Stud		C	2
41	7501002640	Tapping Screw	M3×8,Fe+ZC	D	3
42	7501004340	Magnetic Shield		C	2
43	7501004380	SCSI PCB		C	1
44					



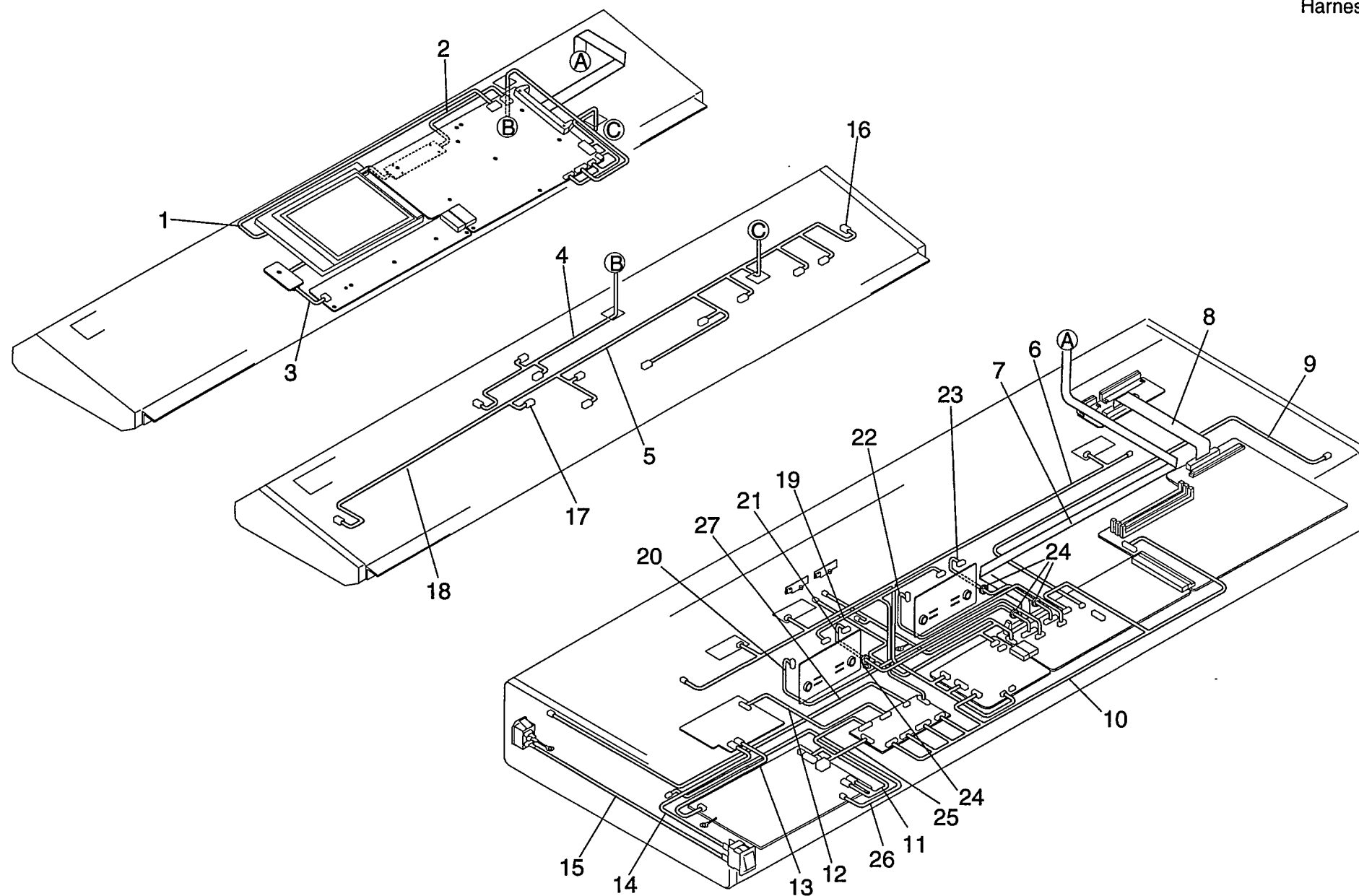
ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501000420	Indicator Sheet		C	1
2	7501000930	Panel Base		C	1
3	7501002560	Tapping Screw	M3×6,Fe+ZC	D	4
4	7501080720	Panel PCB Assy	pw 7570	B	1
5	7501002530	Tapping Screw	M3×12,Fe+ZC	D	4
6	7501002010	LCD Module		B	1
7	7501002520	Tapping Screw	M3×10,Fe+ZC	D	13
8	7501080740	Touch Panel Ter.2 PCB Assy	pw 7572	B	1
9	7501003110	Edge Saddle		C	3
10	9000450377	Mini Clamp,Side-Slot		C	1
11	7501002730	Mini Clamp,Side-Slot		C	5
12	7501000620	Inverter Mounting Stand		C	1
13	7501002000	LCD Inverter		B	1
14	7501080730	Touch Panel Ter.1 PCB Assy	pw 7571	B	1
15	7501000430	Ope. Panel Sheet A(JPN)		C	1
15	7501002830	Ope. Panel Sheet A(ENG)		C	1
15	7501002850	Ope. Panel Sheet A(GER)		C	1
15	7501002870	Ope. Panel Sheet A(FRA)		C	1
15	7501003070	Ope. Panel Sheet A(ITA)		C	1
15	7501003090	Ope. Panel Sheet A(SPA)		C	1
16	7501000440	Ope. Panel Sheet B(JPN)		C	1
16	7501002840	Ope. Panel Sheet B(ENG)		C	1
16	7501002860	Ope. Panel Sheet B(GER)		C	1
16	7501002880	Ope. Panel Sheet B(FRA)		C	1
16	7501003080	Ope. Panel Sheet B(ITA)		C	1
16	7501003100	Ope. Panel Sheet B(SPA)		C	1



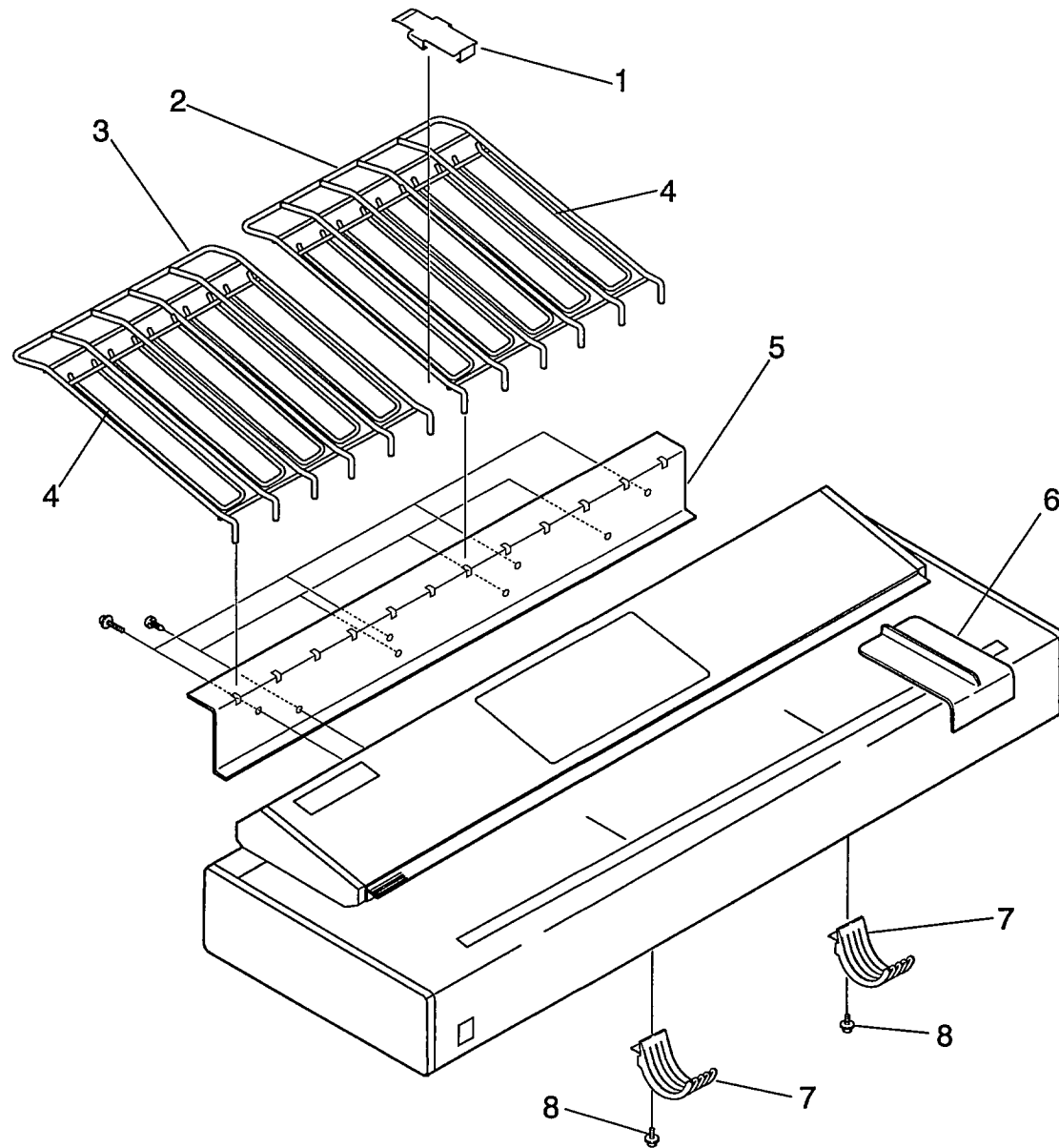
ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501080610	Optical Unit		C	1
2	7501002120	Stepping Motor		C	2
3	7501080910	CCD PCB	pw 7512	C	2
4	7501080920	Home Postion Sensor 1 PCB		B	1
5	7501080930	Home Postion Sensor 2 PCB		B	1
6	7501002630	Tapping Screw	M3×6,Fe+ZC	D	4
7	7501003170	Speed Clamp		C	2
8	7501003180	Tie Band		C	2
9	7501003550	Tapping Screw	M3×12,Fe+ZC	D	2
10	7501003490	Tie Band		C	2
11	7501003560	Tapping Screw	M4×10,Fe+ZC	D	6



ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501000920	Top Side Cover R		C	1
1	7501004300	Top Side Cover R new colour		D	1
2	7501002520	Tapping Screw	M3×10,Fe+ZC	D	16
3	7501000960	Top Cover		C	1
3	7501004230	Top Cover new colour		D	1
4	7501000910	Top Side Cover L		C	1
4	7501004290	Top Side Cover L new colour		D	1
5	7501002490	Tapping Screw	M4×10,Fe+Cr	D	13
6	7501000980	Handle		C	1
7	7501002620	Tapping Screw	M4×8,Fe+ZC	D	33
8	7501002680	Tapping Screw	M4×16,Fe+Ni	D	6
9	7501000950	Rear Cover		C	1
9	7501004220	Rear Cover new colour		D	1
10	7501001190	Side Cover Bracket		C	6
11	7501000900	Side Cover		C	2
11	7501004280	Side Cover new colour		D	2
12	7501000940	Original Table		C	1
12	7501004210	Original Table new colour		D	1
13	7501002660	Tapping Screw	M4×25,Fe+ZB	D	2
14	7501003310	Edging		C	1
15	7501003320	Mylar Sheet		C	4
16	7501003330	Shield Plate		C	1
17	7501003340	Dust Cover		C	1
18	7501003350	Dust Cover		C	1
19	7501002270	Flat Cable Clamp		C	1
20	7501003360	Name Plate 2080		D	1
20	7501003800	Name Plate 2050		D	1
20	7501003810	Name Plate 2120		D	1
20	7501003820	Name Plate 2160		D	1



ITEM	PART #	Discription	Type Std	Stock Qty
1	7501000690	LCD Cable		C 1
2	7501000700	Inverter Cable		C 1
3	7501000850	Touch Panel Terminal Cable		C 1
4	7501000720	Jam Sensor 1 Cable		C 1
5	7501000710	Paper Size Sensor Cable		C 1
6	7501000810	Micro Switch Cable		C 1
7	7501000680	CPU Panel I/F Cable		C 1
8	7501000760	Connector Termini. PCB Cable		C 1
9	7501000860	Image Process Fan Cable		C 1
10	7501000770	PCB Power Supply Cable		C 1
11	7501000800	Power Terminal 2 Cable		C 1
12	7501000780	5V Sub Power Supply Cable		C 1
13	7501000830	Main AC Power Cable		C 1
14	7501000870	AC Power Cable		C 1
15	7501000880	Inlet Cable		C 1
16	7501000750	Skew Sensor 2 Cable		C 1
17	7501000730	Jam Sensor 2 Cable		C 1
18	7501000740	Skew Sensor 1 Cable		C 1
19	7501003120	CCD Power Supply Cable		C 1
20	7501003130	CCD 2 Analogue Cable		C 1
21	7501003140	CCD 2 Digital Cable		C 1
22	7501003150	CCD 1 Analogue Cable		C 1
23	7501003160	CCD 1 Digital Cable		C 1
24	7501003380	Ferrite Core		C 4
25	7501000790	Power Terminal 1 Cable		C 1
26	7501003470	Power Fan Terminal Cable		C 1
27	7501000890	Exhaust Fan Termini. Cable		C 1



ITEM	PART #	Discription	Type Std	Stock	Qty
1	7501100020	Center Tray		C	1
2	4300300110	Tray(1)·R		C	1
3	4300300120	Tray(1)·L		C	1
4	3700300150	Tray 2		C	2
5	7501110010	Tray Holder		C	1
5	7501110070	Tray Holder new colour		D	1
6	2601160010	Original Guide Assy		C	1
7	7501190010	Original Receiver Assy		C	2
8	7501002580	Tapping Screw	M4×8,Fe+ZC	D	2