

Multi Bypass Tray BY5000 (B833)

Second Edition. March 2009

Multi Bypass Tray BY5000 (B833)

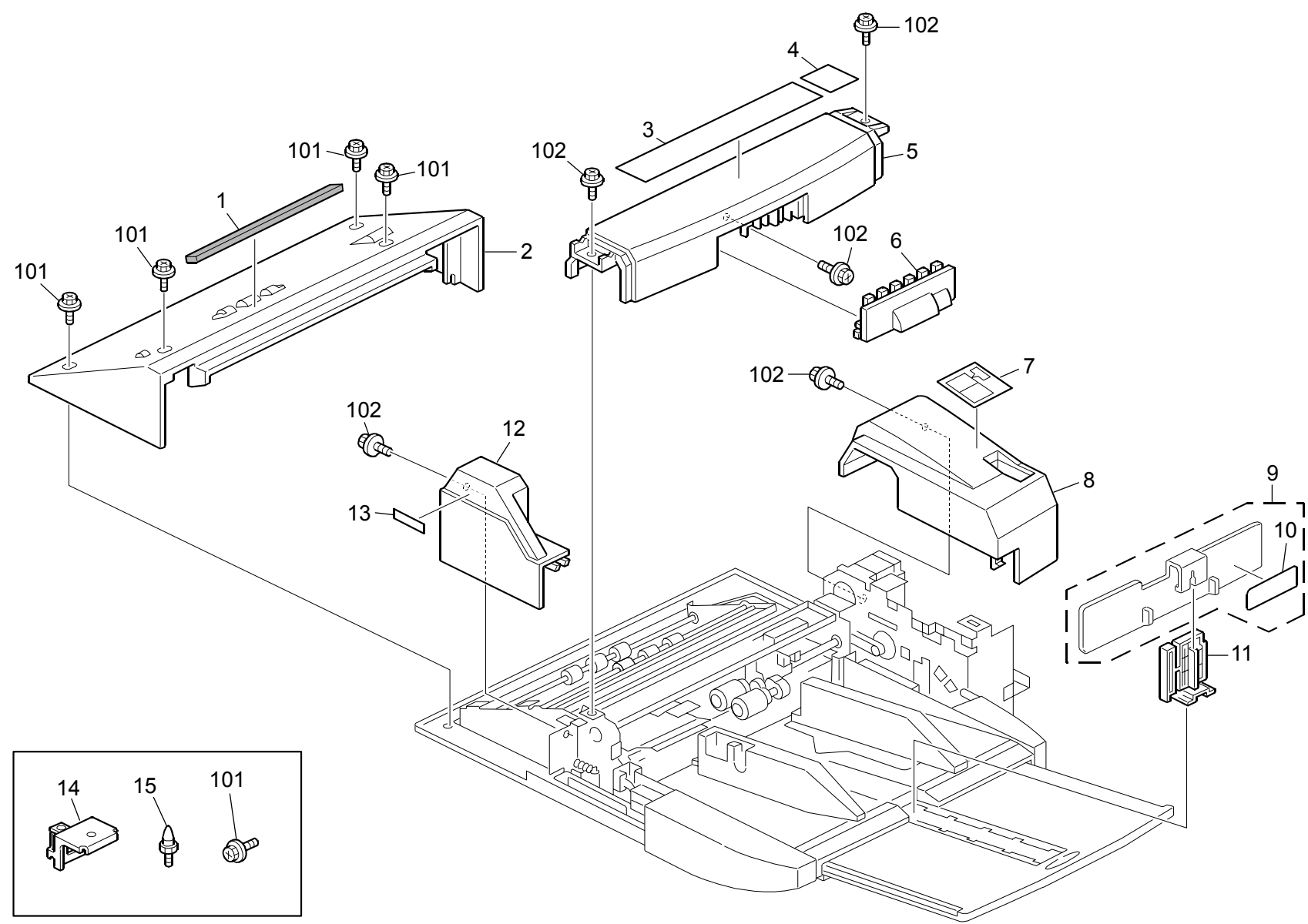
PARTS CATALOG

This catalog gives the numbers and names of parts on this machine.

1.Exterior (B833).....	2
2.Original Tray 1 (B833)	4
3.Original Tray 2 (B833)	6
4.Original Feed 1 (B833)	8
5.Original Feed 2 (B833)	10
6.Original Transfer (B833).....	12
7.Drive And Electrical (B833)	14
8.Frame Section (B833)	16
Parts Index	20

March 2, 2009

1.Exterior (B833)

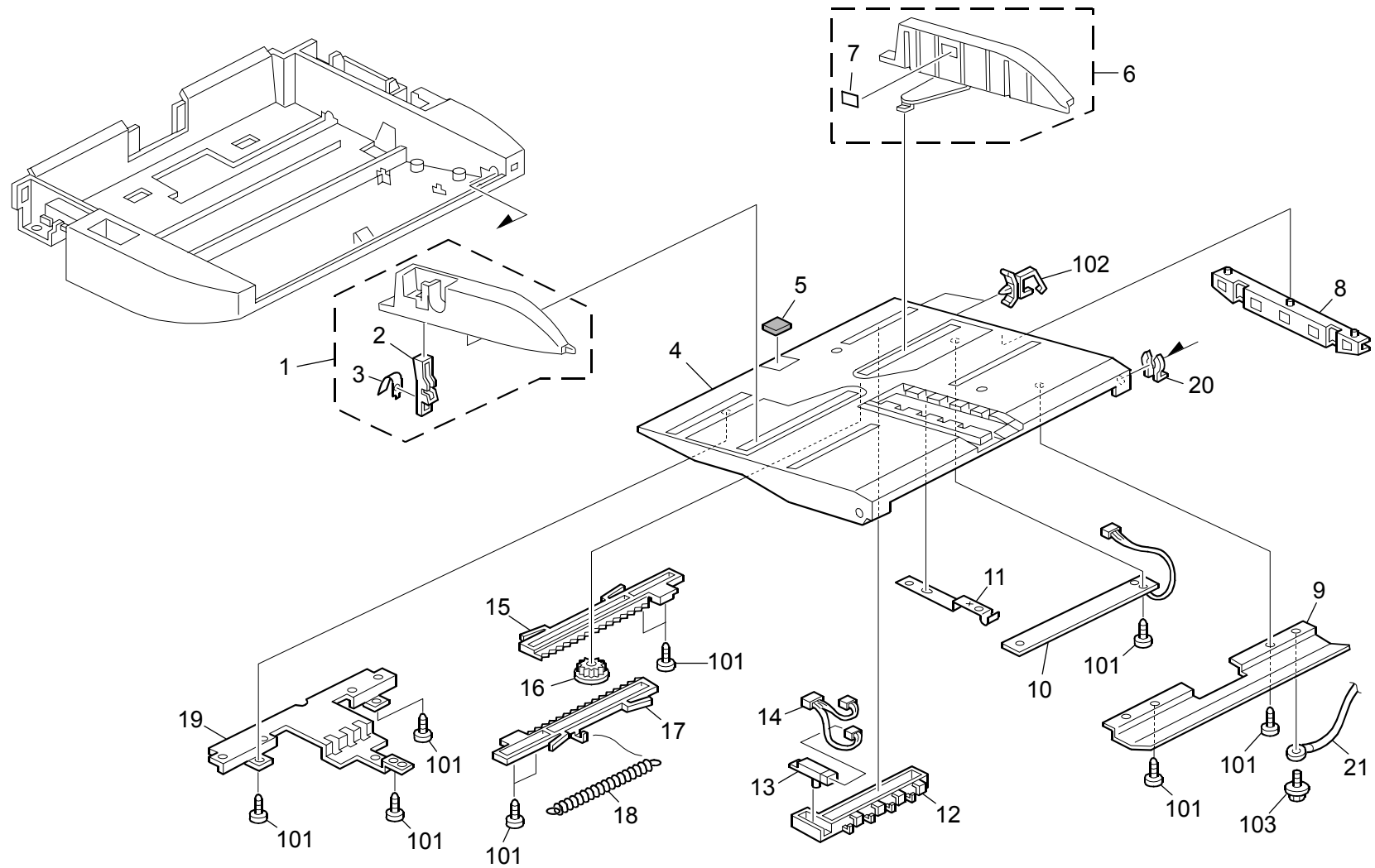


1.Exterior (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	G521 2586	Cushion:Spacer:Large Capacity Tray	1
2	B833 1250	Cover:Connecting	1
3	B833 1310	Decal - Paper Jam	1
4	B833 1099	Decal - Caution Pick-up Paper Jam	1
5	B833 1260	Cover - Upper	1
6	B512 1262	Cover:Roller:Upper	1
7	B833 1317	Decal - End Fence Install	1
8	B833 1262	Cover - Rear	1
9	B833 2681	End Fence - Tab	1
10	B833 2687	Decal - Tab End Fence Install	1
11	B512 2684	End Fence	1
12	B833 1264	Cover - Front	1
13	B512 1315	Decal:Tray:Display	1
14	B512 1094	Bracket:Fix Stand	1
15	AA14 0916	Positioning Pin - Lower	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - 4x6	
102	0451 4008N	Tapping Screw:4x8	

2.Original Tray 1 (B833)

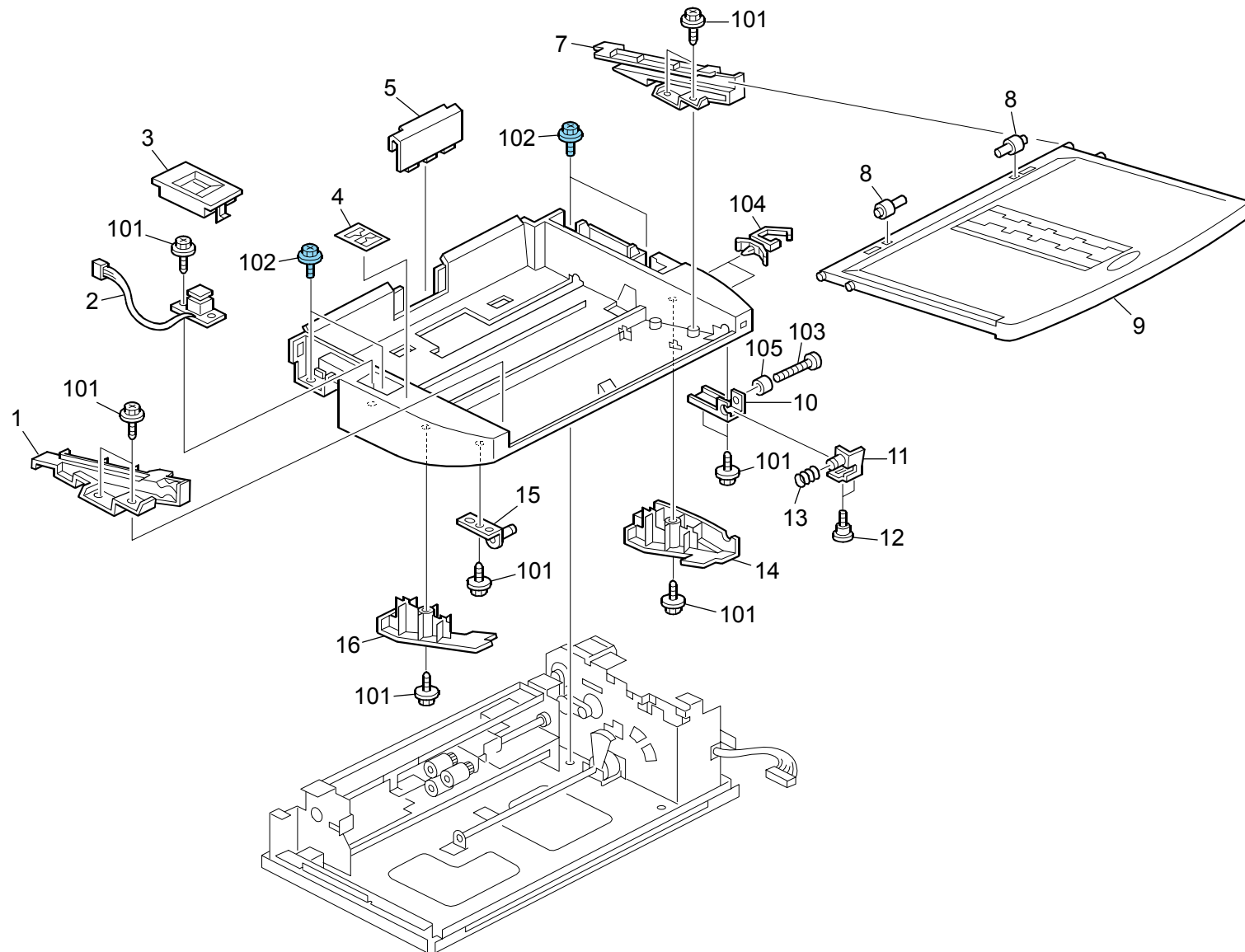


2.Original Tray 1 (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B833 2780	Side Fence:Front:Ass'y	1
2	B004 2923	Spring Plate - Release Lever	1
3	B004 2922	Release Lever - Side Fence	1
4	B833 2676	Tray Bottom Plate	1
5	A421 2543	Friction Pad	1
6	B833 2672	Side Fence - Rear	1
7	B511 2674	Decal:Display:Paper Volume	1
8	B833 2679	Harness Clamp	1
9	B833 2698	Supporting Plate	1
10	B835 5130	Paper Size Sensor Board	1
11	B835 2679	Ground Plate	1
12	B833 2678	Paper Feed Sensor Bracket	1
13	AW01 0129	Paper Feed Sensor	1
14	B833 5305	Harness - Tray	1
15	B835 2691	Manual Feed Rack - Rear	1
16	G011 3305	Gear - 16Z	1
17	B835 2692	Manual Feed Rack	1
18	B835 1930	Tension Spring:Side Fence:Rear	1
19	B833 2697	Supporting Plate	1
20	AA10 0014	Retaining Ring C - Separate	1
21	B833 5307	Harness:Earth	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3006N	Binding Self-tapping Screw:3x6	
102	1105 0511	Harness Clamp - LWS-0306ZC	
103	0451 4006N	Tapping Screw - 4x6	

3.Original Tray 2 (B833)

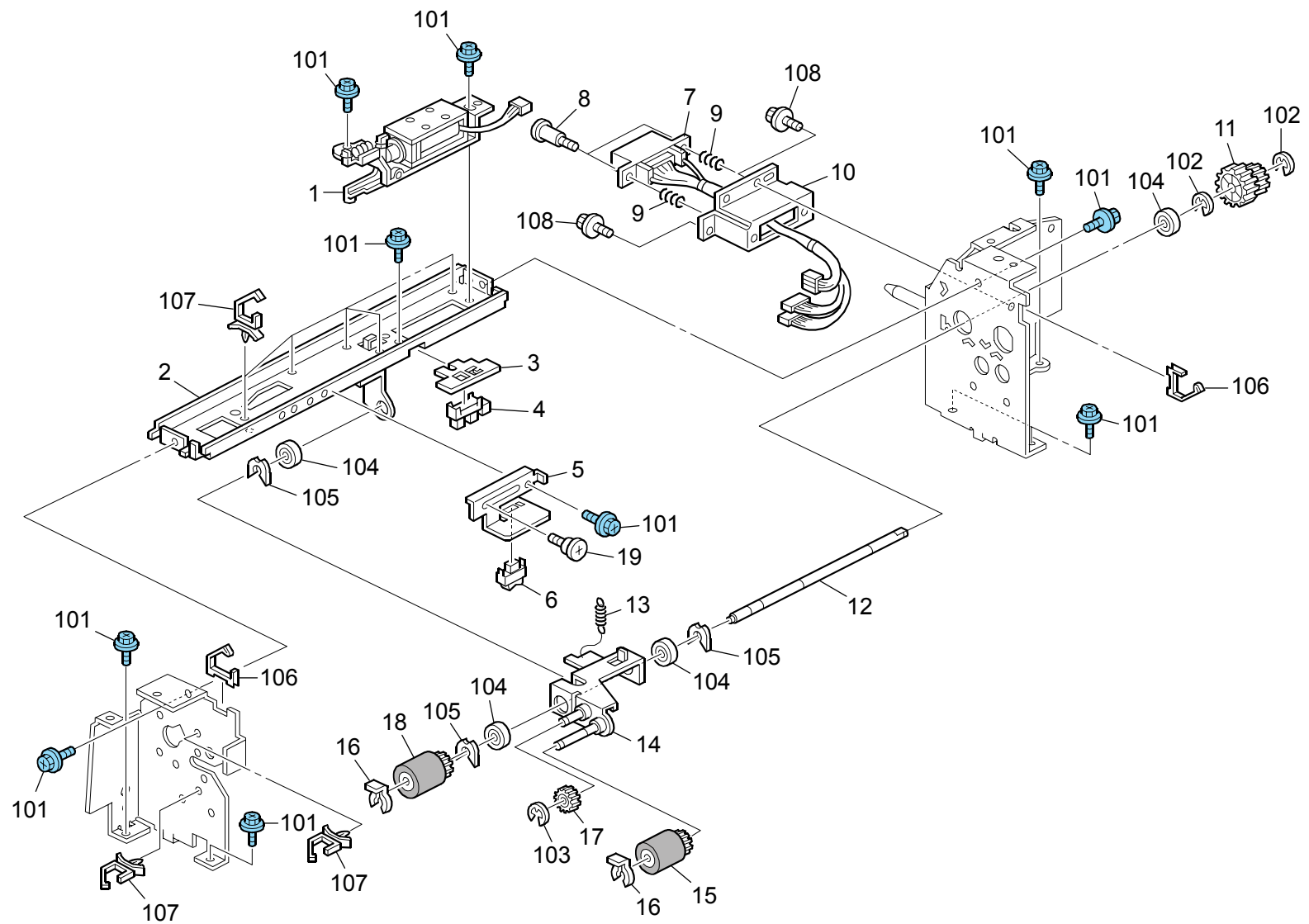


3.Original Tray 2 (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B833 2686	Rail - Front	1
2	B833 5170	Push Switch - Aleutian-B	1
3	B833 1263	Cover - Push Switch	1
4	B833 2689	Decal - Paper Set Direction	1
5	B512 2662	Cover:Roller:Lower	1
6	B833 2663	Tray - Lower	1
7	B833 2688	Rail - Rear	1
8	A232 2987	Roller - Paper Tray	2
9	B833 2636	Paper Tray - Auxiliary	1
10	B833 2656	Registration Control Plate Bracket	1
11	B833 2657	Registration Control Plate	1
12	AA14 3812	Screw - Scale	2
13	B833 2653	Compression Spring	1
14	B833 1267	Tray Cover - Lower Rear	1
15	B833 2665	Tray Stud - Lower	1
16	B833 1266	Tray Cover - Lower Front	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 4008N	Tapping Screw - M4x8	
102	0454 4008Q	Tapping Screw - M4x8	
103	0354 0140N	Screw M4x14	
104	1105 0516	Clamp	
105	0707 4020N	Bushing:DIA4x2	

4.Original Feed 1 (B833)

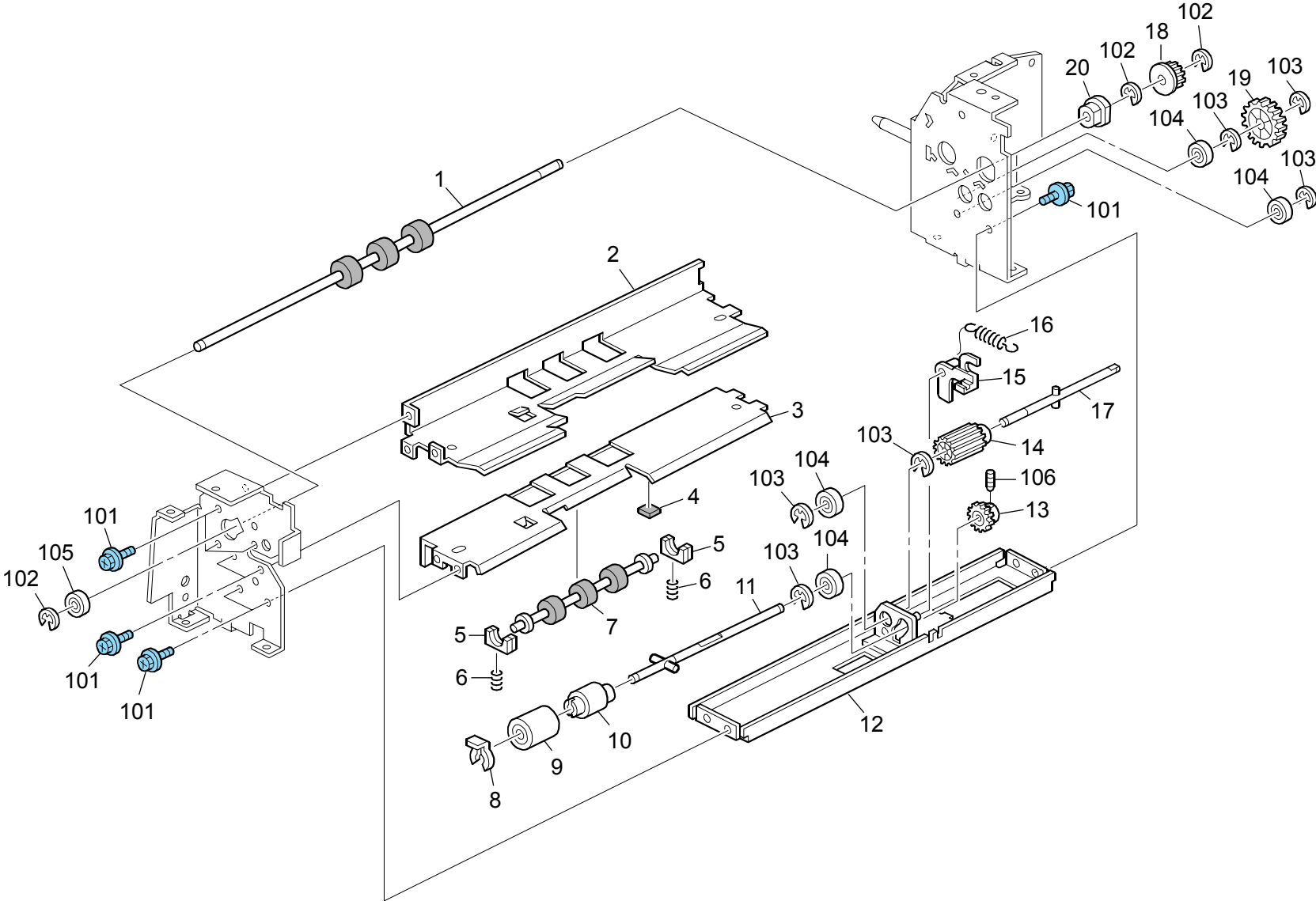


4.Original Feed 1 (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B832 2578	DC Solenoid 24V	1
2	B832 2569	Stay:Feed:Peen	1
3	B512 2714	Bracket:Rise:Sensor	1
4	AW02 0160	Paper Feed Sensor	1
5	B833 2576	Paper Feed Sensor Bracket	1
6	AW01 0122	Paper Feed Sensor	1
7	C416 5301	Harness:Drawer:Plug:Ass'y	1
8	B833 2717	Screw	2
9	B833 2713	Compression Spring	2
10	B833 2712	Drawer Bracket	1
11	B833 2828	Gear/pulley - 28Z/30T	1
12	B833 2629	Feed Roller Shaft	1
13	AA06 6677	Tension Spring	1
14	B832 2574	Pickup Arm	1
15	AF03 0080	Paper Feed Roller:Pickup	1
16	AA10 0014	Retaining Ring C - Separate	2
17	5447 2706	Gear - 15T	1
18	AF03 1081	Paper Feed Roller:Feed:Manual Feed	1
19	AA14 3812	Screw - SCALE	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 4006Q	Tapping Screw:4x6	
102	0720 0060E	Retaining Ring - M6	
103	0720 0040E	Retaining Ring - M4	
104	0741 3708	Ball Bearing - 8x12x3.5mm	
105	0805 0088	Retaining Ring - M6	
106	1105 0522	Edge Saddle - LES0510	
107	1105 0511	Harness Clamp - LWS-0306ZC	
108	0451 4008N	Tapping Screw:4x8	

5.Original Feed 2 (B833)

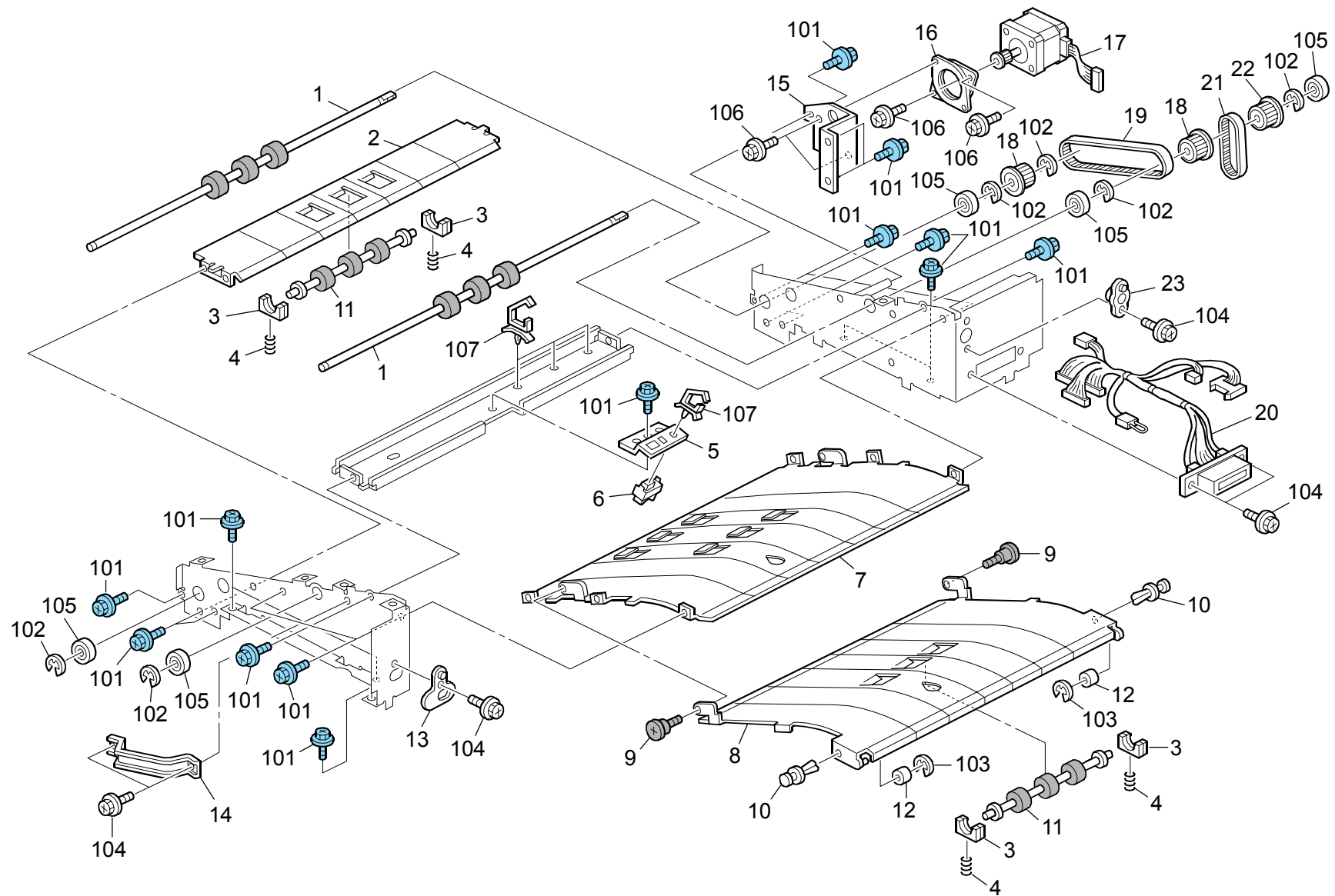


5.Original Feed 2 (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B834 2568	Transport Roller - Driven	1
2	B833 2531	Feed Guide Plate	1
3	B832 2535	Reverse Guide Plate	1
4	A229 2692	Damping Insulation	1
5	AA08 4059	Ball Bearing Holder	2
6	B833 2565	Compression Spring	2
7	B833 2573	Transport Roller - Grip	1
8	AA10 0014	Retaining Ring C - Separate	1
9	AF03 2080	Paper Feed Roller:Separate	1
10	B234 6301	Torque Limiter:75mN m	1
11	B234 6223	Driven Reverse Shaft	1
12	B832 2541	Stay	1
13	AB01 1591	Gear:Reverse	1
14	AB01 1392	Drive Reverse Gear - 24Z	1
15	B303 2556	Reverse Pressure Lever	1
16	B833 2567	Tension Spring	1
17	B833 2625	Reverse Drive Shaft	1
18	B234 6506	Timing Pulley - 30T	1
19	BB01 3008	Gear - 31Z	1
20	AA08 3015	Roller Clutch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 4006Q	Tapping Screw:4x6	
102	0720 0060E	Retaining Ring - M6	
103	0720 0040E	Retaining Ring - M4	
104	0741 3506	Ball Bearing - 6x12x4 mm	
105	0742 3808	Ball Bearing - 8x16x5	
106	0573 0030E	Hexagon Headless Set Screw - M3x3	

6.Original Transfer (B833)

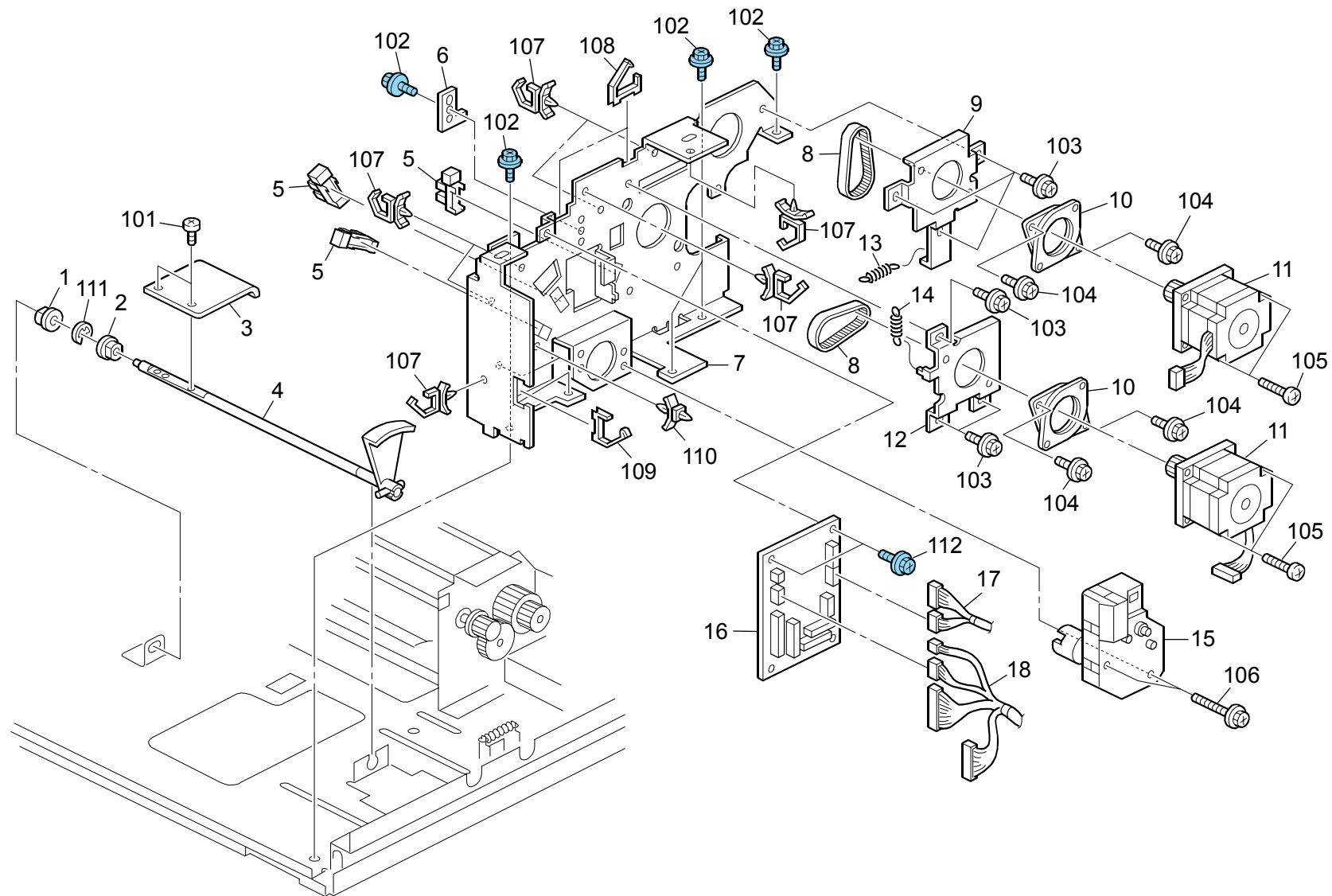


6.Original Transfer (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B833 2575	Transport Roller - Drive	2
2	B833 1122	Guide Plate - Lower	1
3	AA08 4059	Ball Bearing Holder	4
4	AA06 6675	Compression Spring	4
5	B833 1085	Paper Feedsensor Bracket	1
6	AW01 0122	Paper Feed Sensor	1
7	B512 1103	Guide Plate - Upper	1
8	B833 1113	Guide Plate: - Lower	1
9	AA14 3810	Development Cover Screw	2
10	A193 1384	Nylon Clamp	2
11	B834 2568	Transport Roller - Driven	2
12	G060 6035	Detent Roller	2
13	B512 1079	Positioning Pin:Guide:Front	1
14	B712 5605	Grip:Application	1
15	B833 1164	Stepper Motor Bracket	1
16	B789 5990	Motor Cushion	1
17	AX04 0158	Stepper Motor DC2.64V 6.3W	1
18	AB03 0647	Timing Pulley - 22T	2
19	B833 1135	Timing Belt - B60S3M318	1
20	B833 5300	Harness - Drawer Receptacle	1
21	B833 1166	Timing Belt:S2M:100	1
22	B234 6507	Timing Pulley - 25T	1
23	B512 1078	Positioning Pin:Guide:Rear	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 4006Q	Tapping Screw:4x6	
102	0720 0060E	Retaining Ring - M6	
103	0720 0030E	Retaining Ring - M3	
104	0451 4008N	Tapping Screw:4x8	
105	0742 3808	Ball Bearing - 8x16x5	
106	0360 3006N	Screw - M3x6	
107	1105 0511	Harness Clamp - LWS-0306ZC	

7. Drive And Electrical (B833)

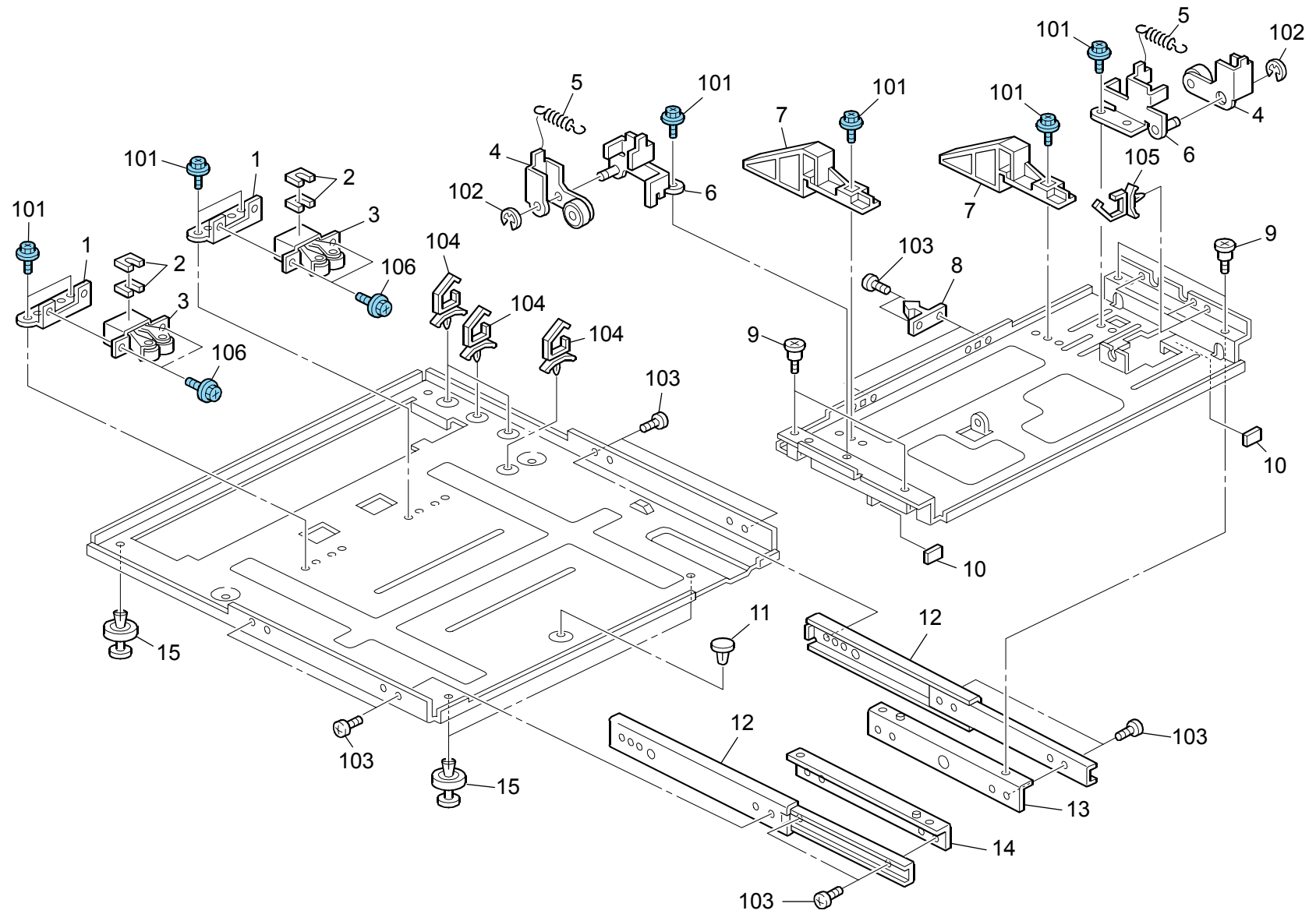


7. Drive And Electrical (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA08 2101	Bushing - 6x10x6	1
2	AA08 2104	Bushing - 8x12x7	1
3	B833 2671	Lever - Tray Bottom Plate Rise	1
4	B833 2667	Shaft	1
5	AW02 0160	Paper Feed Sensor	3
6	B833 2643	Spring Bracket	1
7	B833 2705	Side Plate - Rear	1
8	AA04 2550	Timing Belt - S2M138	1
9	B833 2812	Stepper Motor Bracket	1
10	AA16 1122	Motor Cushion	2
11	AX04 0157	Stepper Motor DC1.68V 6.7W	2
12	B833 2642	Stepper Motor Bracket	1
13	AA06 0920	Spring:Blade	1
14	AA06 0534	Tray Lock Spring - 19mm	1
15	AX04 0123	DC Motor - 1.7W	1
16	B833 5110	PCB Main	1
17	B833 5302	Harness - Motor	1
18	B833 5303	Harness - Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0453 4006N	Binding Self Tapping Screw:4x6	
102	0454 4006Q	Tapping Screw:4x6	
103	0451 4010N	Tapping Screw:4x10	
104	0451 4008N	Tapping Screw:4x8	
105	0314 0080N	Philips Pan Head Screw - M4x8	
106	0451 3025N	Tapping Screw:M3x25	
107	1105 0516	Clamp	
108	1105 0522	Edge Saddle - LES0510	
109	1105 0518	Edge Saddle - LES-1010	
110	1105 0192	Locking Support	
111	0720 0060E	Retaining Ring - M6	
112	0454 3006Q	Tapping Screw - M3x6	

8.Frame Section (B833)



8.Frame Section (B833)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B512 1054	Bracket:Door Catch	2
2	B512 1055	Cushion:Guide Plate	4
3	C259 2267	Lock Holder	2
4	B512 2841	Bracket:Lock:Peen	2
5	G060 6038	Detent Spring	2
6	B512 2845	Bracket:Lock:Support:Peen	2
7	B833 2554	Guide Plate Slider	2
8	A659 1272	Door Catch	2
9	AA14 3810	Development Cover Screw	4
10	AA16 1123	Damping Insulation:5x15x3	2
11	G568 1080	Anchor Clip - 1026	1
12	AA07 0082	Slide Rail	2
13	B512 1097	Bracket:Slide Rail:Rear	1
14	B512 1096	Bracket:Slide Rail:Front	1
15	AH01 0009	Rubber Pad - H5	2



Index No.	Part No.	Description	Q'ty Per Assembly
101	0454 4006Q	Tapping Screw:4x6	
102	0720 0060E	Retaining Ring - M6	
103	0453 3006N	Tapping Screw - M3x6	
104	1105 0487	Harness Clamp	
105	1105 0516	Clamp	
106	0454 3006Q	Tapping Screw - M3x6	

Parts Index

PM Parts Index

Section Name	Part No.	Description in Service Manual	Description in Parts Catalog	Q'ty Per Assembly	Page and Index No.
Original Feed 1 (B833)	AF03 0080	Paper Feed Roller:Pickup	Paper Feed Roller:Pickup	1	9 - 15
Original Feed 1 (B833)	AF03 1081	Paper Feed Roller:Feed:Manual Feed	Paper Feed Roller:Feed:Manual Feed	1	9 - 18
Original Feed 2 (B833)	AF03 2080	Paper Feed Roller:Separate	Paper Feed Roller:Separate	1	11 - 9

Parts Index

Part No.	Description	Page and Index No.
B833 1085	Paper Feedsensor Bracket	13 - 5
B833 1099	Decal - Caution Pick-up Paper Jam	3 - 4
B833 1113	Guide Plate: - Lower	13 - 8
B833 1122	Guide Plate - Lower	13 - 2
B833 1135	Timing Belt - B60S3M318	13 - 19
B833 1164	Stepper Motor Bracket	13 - 15
B833 1166	Timing Belt:S2M:100	13 - 21
B833 1250	Cover:Connecting	3 - 2
B833 1260	Cover - Upper	3 - 5
B833 1262	Cover - Rear	3 - 8
B833 1263	Cover - Push Switch	7 - 3
B833 1264	Cover - Front	3 - 12
B833 1266	Tray Cover - Lower Front	7 - 16
B833 1267	Tray Cover - Lower Rear	7 - 14
B833 1310	Decal - Paper Jam	3 - 3
B833 1317	Decal - End Fence Install	3 - 7
B833 2531	Feed Guide Plate	11 - 2
B833 2554	Guide Plate Slider	17 - 7
B833 2565	Compression Spring	11 - 6
B833 2567	Tension Spring	11 - 16
B833 2573	Transport Roller - Grip	11 - 7
B833 2575	Transport Roller - Drive	13 - 1
B833 2576	Paper Feed Sensor Bracket	9 - 5
B833 2625	Reverse Drive Shaft	11 - 17
B833 2629	Feed Roller Shaft	9 - 12
B833 2636	Paper Tray - Auxiliary	7 - 9
B833 2642	Stepper Motor Bracket	15 - 12
B833 2643	Spring Bracket	15 - 6
B833 2653	Compression Spring	7 - 13
B833 2656	Registration Control Plate Bracket	7 - 10
B833 2657	Registration Control Plate	7 - 11
B833 2663	Tray - Lower	7 - 6
B833 2665	Tray Stud - Lower	7 - 15
B833 2667	Shaft	15 - 4
B833 2671	Lever - Tray Bottom Plate Rise	15 - 3

Part No.	Description	Page and Index No.
B833 2672	Side Fence - Rear	5 - 6
B833 2676	Tray Bottom Plate	5 - 4
B833 2678	Paper Feed Sensor Bracket	5 - 12
B833 2679	Harness Clamp	5 - 8
B833 2681	End Fence - Tab	3 - 9
B833 2686	Rail - Front	7 - 1
B833 2687	Decal - Tab End Fence Install	3 - 10
B833 2688	Rail - Rear	7 - 7
B833 2689	Decal - Paper Set Direction	7 - 4
B833 2697	Supporting Plate	5 - 19
B833 2698	Supporting Plate	5 - 9
B833 2705	Side Plate - Rear	15 - 7
B833 2712	Drawer Bracket	9 - 10
B833 2713	Compression Spring	9 - 9
B833 2717	Screw	9 - 8
B833 2780	Side Fence:Front:Ass'y	5 - 1
B833 2812	Stepper Motor Bracket	15 - 9
B833 2828	Gear/pulley - 28Z/30T	9 - 11
B833 5110	PCB Main	15 - 16
B833 5170	Push Switch - Aleutian-B	7 - 2
B833 5300	Harness - Drawer Receptacle	13 - 20
B833 5302	Harness - Motor	15 - 17
B833 5303	Harness - Sensor	15 - 18
B833 5305	Harness - Tray	5 - 14
B833 5307	Harness:Earth	5 - 21

Part No.	Description	Page and Index No.
A193 1384	Nylon Clamp	13 - 10
A229 2692	Damping Insulation	11 - 4
A232 2987	Roller - Paper Tray	7 - 8
A421 2543	Friction Pad	5 - 5
A659 1272	Door Catch	17 - 8
B004 2922	Release Lever - Side Fence	5 - 3
B004 2923	Spring Plate - Release Lever	5 - 2
B234 6223	Driven Reverse Shaft	11 - 11
B234 6301	Torque Limiter:75mN m	11 - 10
B234 6506	Timing Pulley - 30T	11 - 18
B234 6507	Timing Pulley - 25T	13 - 22
B303 2556	Reverse Pressure Lever	11 - 15
B511 2674	Decal:Display:Paper Volume	5 - 7
B512 1054	Bracket:Door Catch	17 - 1
B512 1055	Cushion:Guide Plate	17 - 2
B512 1078	Positioning Pin:Guide:Rear	13 - 23
B512 1079	Positioning Pin:Guide:Front	13 - 13
B512 1094	Bracket:Fix Stand	3 - 14
B512 1096	Bracket:Slide Rail:Front	17 - 14
B512 1097	Bracket:Slide Rail:Rear	17 - 13
B512 1103	Guide Plate - Upper	13 - 7
B512 1262	Cover:Roller:Upper	3 - 6
B512 1315	Decal:Tray:Display	3 - 13
B512 2662	Cover:Roller:Lower	7 - 5
B512 2684	End Fence	3 - 11
B512 2714	Bracket:Rise:Sensor	9 - 3
B512 2841	Bracket:Lock:Peen	17 - 4
B512 2845	Bracket:Lock:Support:Peen	17 - 6
B712 5605	Grip:Application	13 - 14
B789 5990	Motor Cushion	13 - 16
B832 2535	Reverse Guide Plate	11 - 3
B832 2541	Stay	11 - 12
B832 2569	Stay:Feed:Peen	9 - 2
B832 2574	Pickup Arm	9 - 14
B832 2578	DC Solenoid 24V	9 - 1

Part No.	Description	Page and Index No.
B834 2568	Transport Roller - Driven	13 - 11
B834 2568	Transport Roller - Driven	11 - 1
B835 1930	Tension Spring:Side Fence:Rear	5 - 18
B835 2679	Ground Plate	5 - 11
B835 2691	Manual Feed Rack - Rear	5 - 15
B835 2692	Manual Feed Rack	5 - 17
B835 5130	Paper Size Sensor Board	5 - 10
C259 2267	Lock Holder	17 - 3
C416 5301	Harness:Drawer:Plug:Ass'y	9 - 7
G011 3305	Gear - 16Z	5 - 16
G060 6035	Detent Roller	13 - 12
G060 6038	Detent Spring	17 - 5
G521 2586	Cushion:Spacer:Large Capacity Tray	3 - 1
G568 1080	Anchor Clip - 1026	17 - 11

Part No.	Description	Page and Index No.
AA04 2550	Timing Belt - S2M138	15 - 8
AA06 0534	Tray Lock Spring - 19mm	15 - 14
AA06 0920	Spring:Blade	15 - 13
AA06 6675	Compression Spring	13 - 4
AA06 6677	Tension Spring	9 - 13
AA07 0082	Slide Rail	17 - 12
AA08 2101	Bushing - 6x10x6	15 - 1
AA08 2104	Bushing - 8x12x7	15 - 2
AA08 3015	Roller Clutch	11 - 20
AA08 4059	Ball Bearing Holder	11 - 5
AA08 4059	Ball Bearing Holder	13 - 3
AA10 0014	Retaining Ring C - Separate	5 - 20
AA10 0014	Retaining Ring C - Separate	9 - 16
AA10 0014	Retaining Ring C - Separate	11 - 8
AA14 0916	Positioning Pin - Lower	3 - 15
AA14 3810	Development Cover Screw	17 - 9
AA14 3810	Development Cover Screw	13 - 9
AA14 3812	Screw - SCALE	9 - 19
AA14 3812	Screw - Scale	7 - 12
AA16 1122	Motor Cushion	15 - 10
AA16 1123	Damping Insulation:5x15x3	17 - 10
AB01 1392	Drive Reverse Gear - 24Z	11 - 14
AB01 1591	Gear:Reverse	11 - 13
AB03 0647	Timing Pulley - 22T	13 - 18
AF03 0080	Paper Feed Roller:Pickup	9 - 15
AF03 1081	Paper Feed Roller:Feed:Manual Feed	9 - 18
AF03 2080	Paper Feed Roller:Separate	11 - 9
AH01 0009	Rubber Pad - H5	17 - 15
AW01 0122	Paper Feed Sensor	9 - 6
AW01 0122	Paper Feed Sensor	13 - 6
AW01 0129	Paper Feed Sensor	5 - 13
AW02 0160	Paper Feed Sensor	15 - 5
AW02 0160	Paper Feed Sensor	9 - 4
AX04 0123	DC Motor - 1.7W	15 - 15
AX04 0157	Stepper Motor DC1.68V 6.7W	15 - 11

Part No.	Description	Page and Index No.
AX04 0158	Stepper Motor DC2.64V 6.3W	13 - 17
BB01 3008	Gear - 31Z	11 - 19

Part No.	Description	Page and Index No.
0314 0080N	Philips Pan Head Screw - M4x8	15 - 105
0354 0140N	Screw M4x14	7 - 103
0360 3006N	Screw - M3x6	13 - 106
0450 4008N	Tapping Screw - M4x8	7 - 101
0451 3025N	Tapping Screw:M3x25	15 - 106
0451 4006N	Tapping Screw - 4x6	5 - 103
0451 4006N	Tapping Screw - 4x6	3 - 101
0451 4008N	Tapping Screw:4x8	9 - 108
0451 4008N	Tapping Screw:4x8	3 - 102
0451 4008N	Tapping Screw:4x8	15 - 104
0451 4008N	Tapping Screw:4x8	13 - 104
0451 4010N	Tapping Screw:4x10	15 - 103
0452 3006N	Binding Self-tapping Screw:3x6	5 - 101
0453 3006N	Tapping Screw - M3x6	17 - 103
0453 4006N	Binding Self Tapping Screw:4x6	15 - 101
0454 3006Q	Tapping Screw - M3x6	15 - 112
0454 3006Q	Tapping Screw - M3x6	17 - 106
0454 4006Q	Tapping Screw:4x6	15 - 102
0454 4006Q	Tapping Screw:4x6	17 - 101
0454 4006Q	Tapping Screw:4x6	9 - 101
0454 4006Q	Tapping Screw:4x6	13 - 101
0454 4006Q	Tapping Screw:4x6	11 - 101
0454 4008Q	Tapping Screw - M4x8	7 - 102
0573 0030E	Hexagon Headless Set Screw - M3x3	11 - 106
0707 4020N	Bushing:DIA4x2	7 - 105
0720 0030E	Retaining Ring - M3	13 - 103
0720 0040E	Retaining Ring - M4	9 - 103
0720 0040E	Retaining Ring - M4	11 - 103
0720 0060E	Retaining Ring - M6	9 - 102
0720 0060E	Retaining Ring - M6	17 - 102
0720 0060E	Retaining Ring - M6	13 - 102
0720 0060E	Retaining Ring - M6	15 - 111
0720 0060E	Retaining Ring - M6	11 - 102
0741 3506	Ball Bearing - 6x12x4 mm	11 - 104
0741 3708	Ball Bearing - 8x12x3.5mm	9 - 104

Part No.	Description	Page and Index No.
0742 3808	Ball Bearing - 8x16x5	13 - 105
0742 3808	Ball Bearing - 8x16x5	11 - 105
0805 0088	Retaining Ring - M6	9 - 105
1105 0192	Locking Support	15 - 110
1105 0487	Harness Clamp	17 - 104
1105 0511	Harness Clamp - LWS-0306ZC	13 - 107
1105 0511	Harness Clamp - LWS-0306ZC	5 - 102
1105 0511	Harness Clamp - LWS-0306ZC	9 - 107
1105 0516	Clamp	7 - 104
1105 0516	Clamp	15 - 107
1105 0516	Clamp	17 - 105
1105 0518	Edge Saddle - LES-1010	15 - 109
1105 0522	Edge Saddle - LES0510	15 - 108
1105 0522	Edge Saddle - LES0510	9 - 106

