

ARDF DF1000 (B872)

ARDF DF1000 (B872)

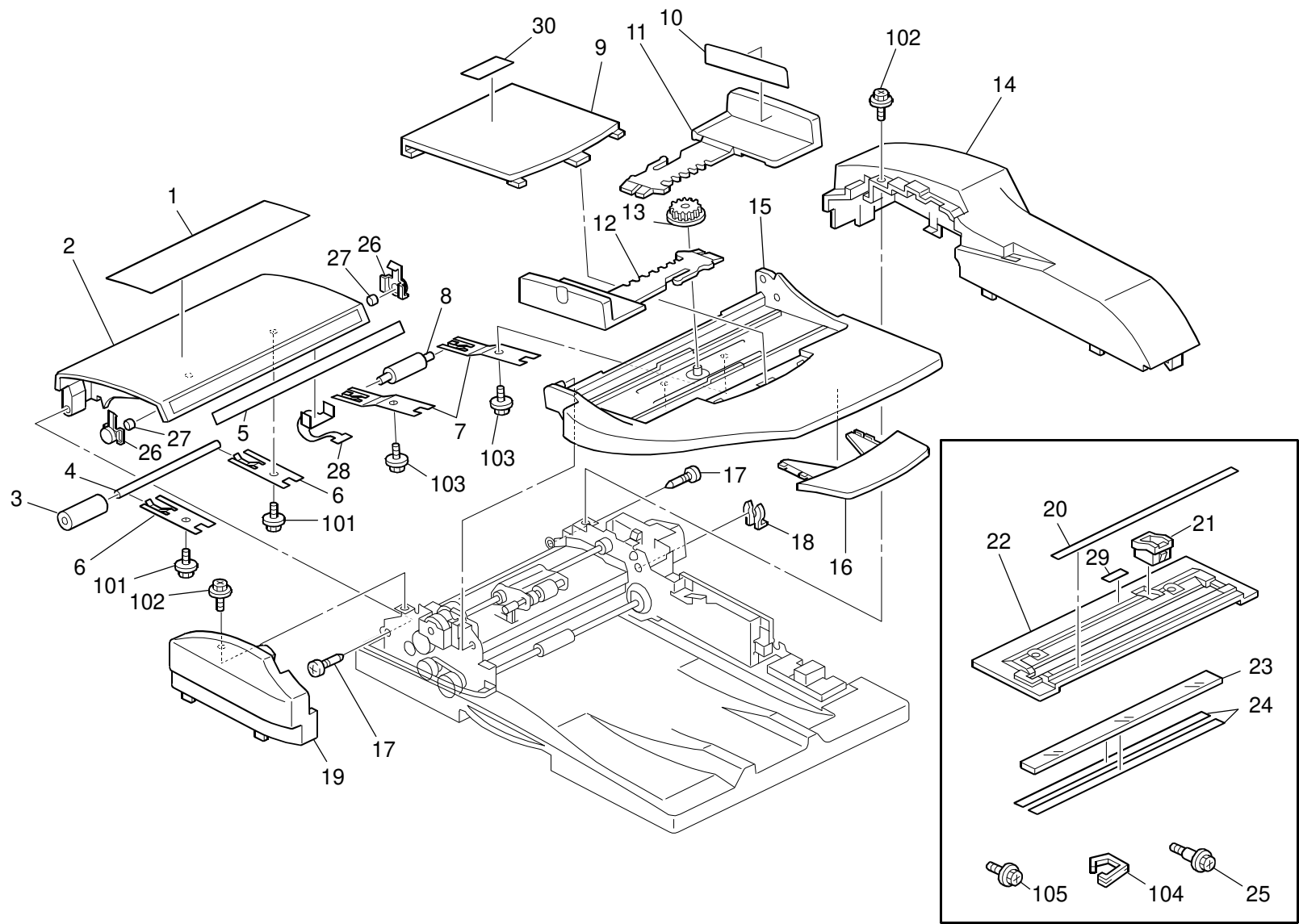
PARTS CATALOG

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

1.Exterior (B872).....	2
2.Original Feed 1 (B872)	4
3.Original Feed 2 (B872)	6
4.Drive Section (B872).....	8
5.Frame Section (B872).....	10
6.Decal and Documents (B872).....	12
Parts Index	16

January 23, 2009

1.Exterior (B872)

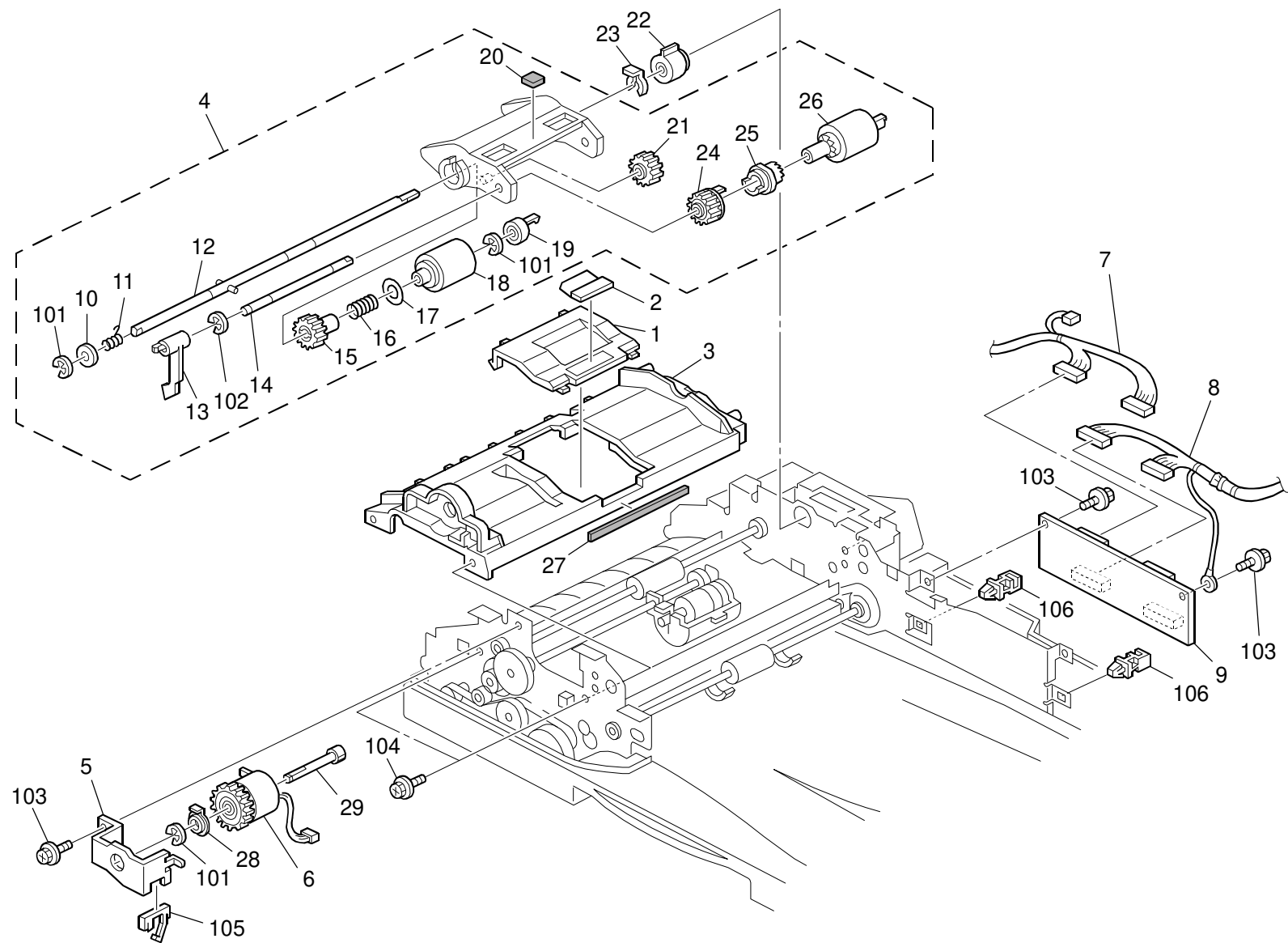


1.Exterior (B872)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 6011	Decal: Misfeed Removal	1
2	B872 4711	Cover: Open And Close	1
3	AF02 2144	Pressure Roller	1
4	B872 4721	Shaft: Pressure: DIA4	1
5	B872 6031	Decal: Size: Original	1
6	B872 4722	Spring Plate: R0	2
7	B872 4624	Spring Plate	2
8	B872 4616	Roller: Reverse: Pressure	1
9	B872 4615	Cover: Original Table	1
10	B872 6021	Decal: Side Fence	1
11	B872 4613	Guide: Original Table: Rear	1
12	B872 4612	Guide: Original Table: Front	1
13	BB01 3003	Gear - 14Z	1
14	B872 4731	Cover: Rear	1
15	B872 4611	Original Table	1
16	B872 4621	Original Table: Auxiliary	1
17	AA14 3788	Pin: Guide Plate: Paper Feed	2
18	5215 2621	Snap Ring - M6	1
19	B872 4741	Cover: Front	1
20	B872 6071	Decal: Scale: Left: EU	1
21	B872 7014	Cap: Registration Sensor: Scale	1
22	B872 7010	Scale: Left: Adhesion	1
23	AC01 3005	DF Exposure Glass	1
24	B044 4929	Sheet - Exposure Glass	2
25	AA14 3866	Screw: DIA3.4: M3	1
26	B872 4726	Case: Magnetic	2
27	G827 1023	Magnetic: Hale: DIA10x7	2
28	B872 4712	Guide Mylar	1
29	B872 6081	Decal: Caution Chart	1
30	A859 2352	Pressure Plate Pad	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0452 3008N	Tapping Screw - M3x8	
102	0451 3008N	Tapping Screw - M3x8	
103	0450 3006N	Tapping Screw - M3x6	
104	1105 0518	Edge Saddle - LES-1010	
105	0451 3006N	Tapping Screw - 3x6	

2.Original Feed 1 (B872)



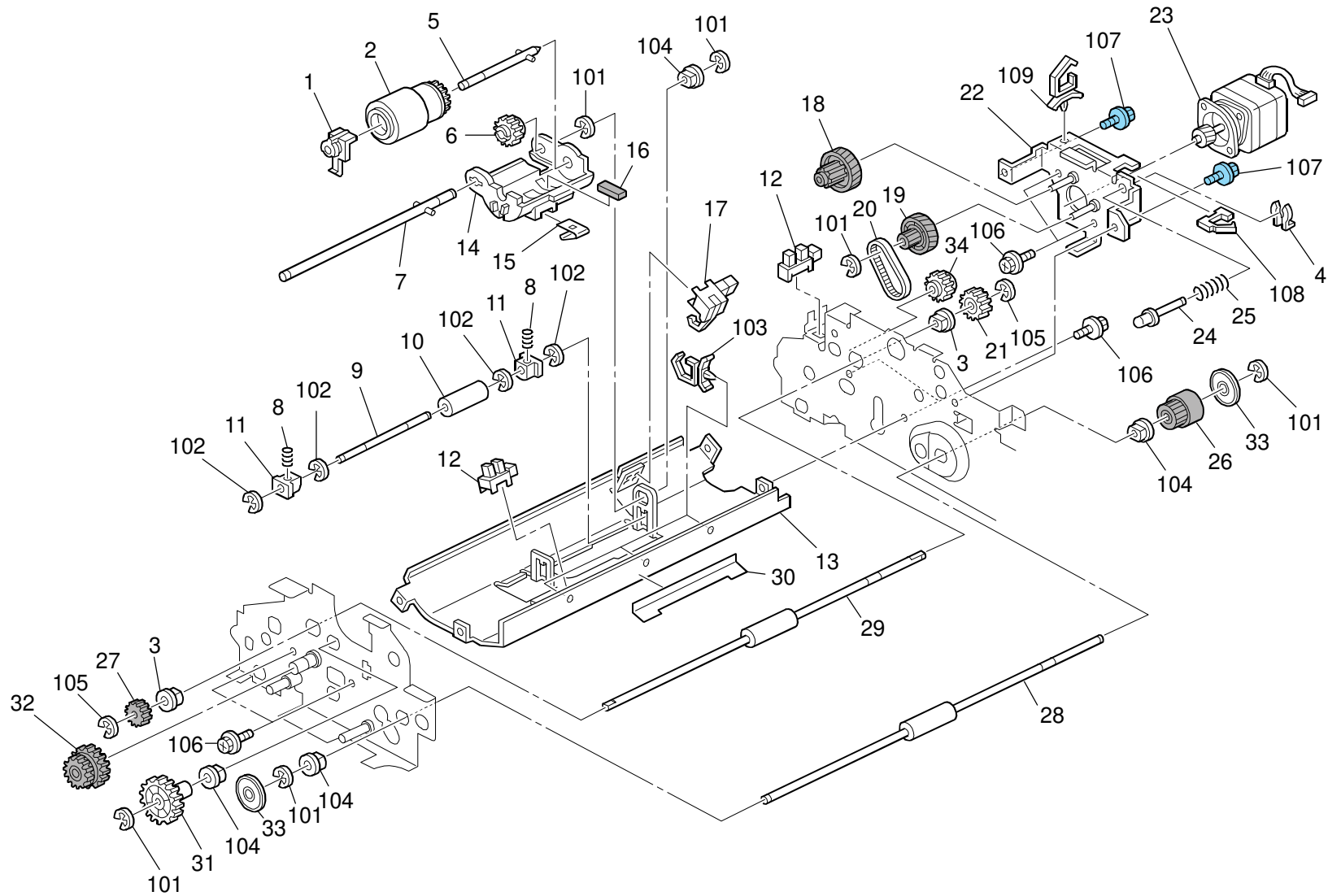
2.Original Feed 1 (B872)



Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 2312	Guide Plate:Paper Feed:Upper	1
2	H521 1350	Pad - Pick-up	1
3	B872 2311	Guide Plate:Paper Feed:Upper	1
4	B872 2510	Feeder Unit	1
5	B872 2412	Bracket:Magnetic Clutch	1
6	AX20 0303	Magnetic Clutch:245mN.m	1
7	B872 5240	Harness:Main	1
8	B872 5210	Harness:Interface	1
9	B872 5100	PCB:Main Control	1
10	B872 2524	Spacer:DIA9	1
11	B872 2523	Spring Clutch:Feed:DIA6	1
12	B872 2521	Shaft:Feed:C	1
13	B872 2513	Feeler:Original Sensor	1
14	B872 2514	Shaft:Pickup	1
15	B872 2512	Gear:Z18	1
16	B872 2526	Spring:Roller Clutch	1
17	H072 2220	Spacer - M6x10	1
18	AF03 1062	Feed Roller	1
19	B872 2527	Roller Clutch:Bracket:Feed	1
20	B872 2515	Cushion:Bracket:Feed	1
21	B872 2511	Gear:Idler:Z16	1
22	B044 4961	Oneway Clutch	1
23	5447 2681	Snap Ring	1
24	B872 2528	Gear:Z18	1
25	B872 2529	Collar:Pickup	1
26	AF03 0363	Pickup Roller	1
27	B872 2313	Cushion-Guide Plate	1
28	B872 2421	Bushing:Feed	1
29	B872 2422	Shaft:Coupling:Feed	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0720 0030E	Retaining Ring - M3	
103	0451 3006N	Tapping Screw - 3x6	
104	0450 3008N	Tapping Screw - M3x8	
105	1105 0612	Clamp:EDS-0704L-V0	
106	1105 0436	Locking Support - KGCP-08-0	

3.Original Feed 2 (B872)

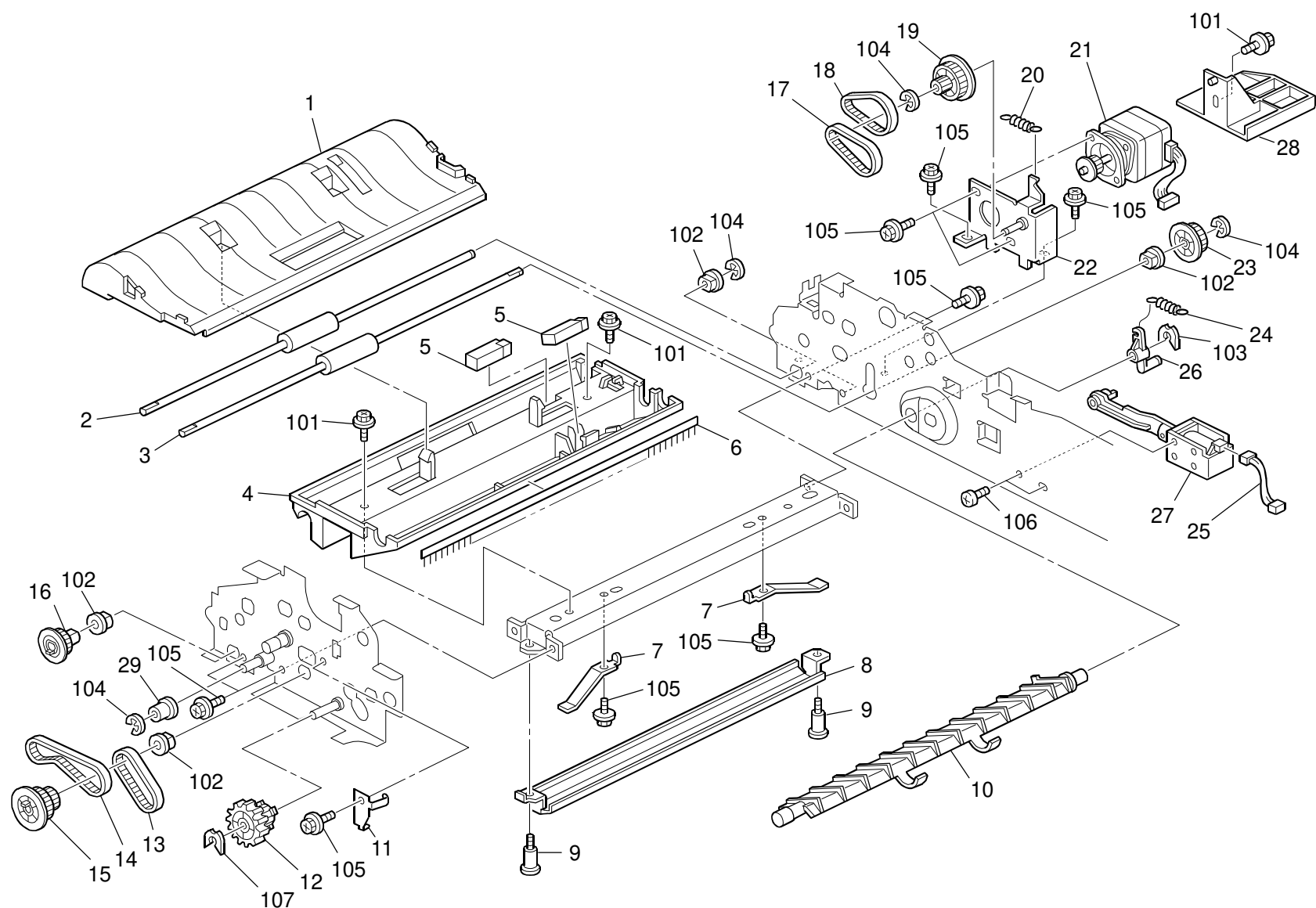


3.Original Feed 2 (B872)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 2222	Holder:Reverse Roller	1
2	AF03 2030	Reverse Roller	1
3	B872 2614	Bushing:R1	2
4	5447 2681	Snap Ring	1
5	B872 2221	Shaft:Reverse Roller	1
6	B872 2223	Gear:Z17	1
7	B872 2213	Shaft:Drive:Separation	1
8	B872 2116	Compression Spring:Reverse:Driven	2
9	B872 2113	Shaft:Reverse:Roller:Driven	1
10	B872 2112	Roller:Driven:Dia14	1
11	AA08 0034	Bushing - 4x5x7	2
12	AW02 0141	Photointerruptor	2
13	B872 2110	Guide Plate:Paper Feed:Lower	1
14	B872 2211	Bracket:Reverse	1
15	B872 2251	Spring Plate:Reverse:Pressure	1
16	B044 4962	Cushion	1
17	AW02 0155	Photointerruptor:Paper Size Sensor	1
18	B872 4116	Gear:Z44/T14	1
19	B872 4113	Gear:Z44/T16	1
20	AA04 3603	Timing Belt:B40S2M128	1
21	B872 2613	Gear:Z22	1
22	B872 4141	Bracket:Motor:Paper Feed:Ass'y	1
23	B872 5810	Stepper Motor DC24V 3.53W	1
24	B872 1121	Stopper:Original Table	1
25	B872 1122	Compression Spring:Stopper	1
26	B872 3233	Torque Limiter:T24:S2M	1
27	B872 2612	Gear:Z19	1
28	B872 3261	Roller:Reverse:Drive	1
29	B872 2611	Roller:R0	1
30	B872 2118	Guide:Reverse	1
31	B872 2217	Gear:Z28	1
32	AB01 7591	Gear - 18/30Z	1
33	B789 4257	Pulley Flange	2
34	B872 4121	Gear:Idler:Z17	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0040E	Retaining Ring - M4	
102	0720 0030E	Retaining Ring - M3	
103	1105 0511	Harness Clamp - LWS-0306ZC	
104	0805 3480	Bushing - 6mm	
105	0720 0060E	Retaining Ring - M6	
106	0451 3006N	Tapping Screw - 3x6	
107	0454 3006Q	Tapping Screw - M3x6	
108	1105 0612	Clamp:EDS-0704L-V0	
109	1105 0516	Clamp	

4. Drive Section (B872)

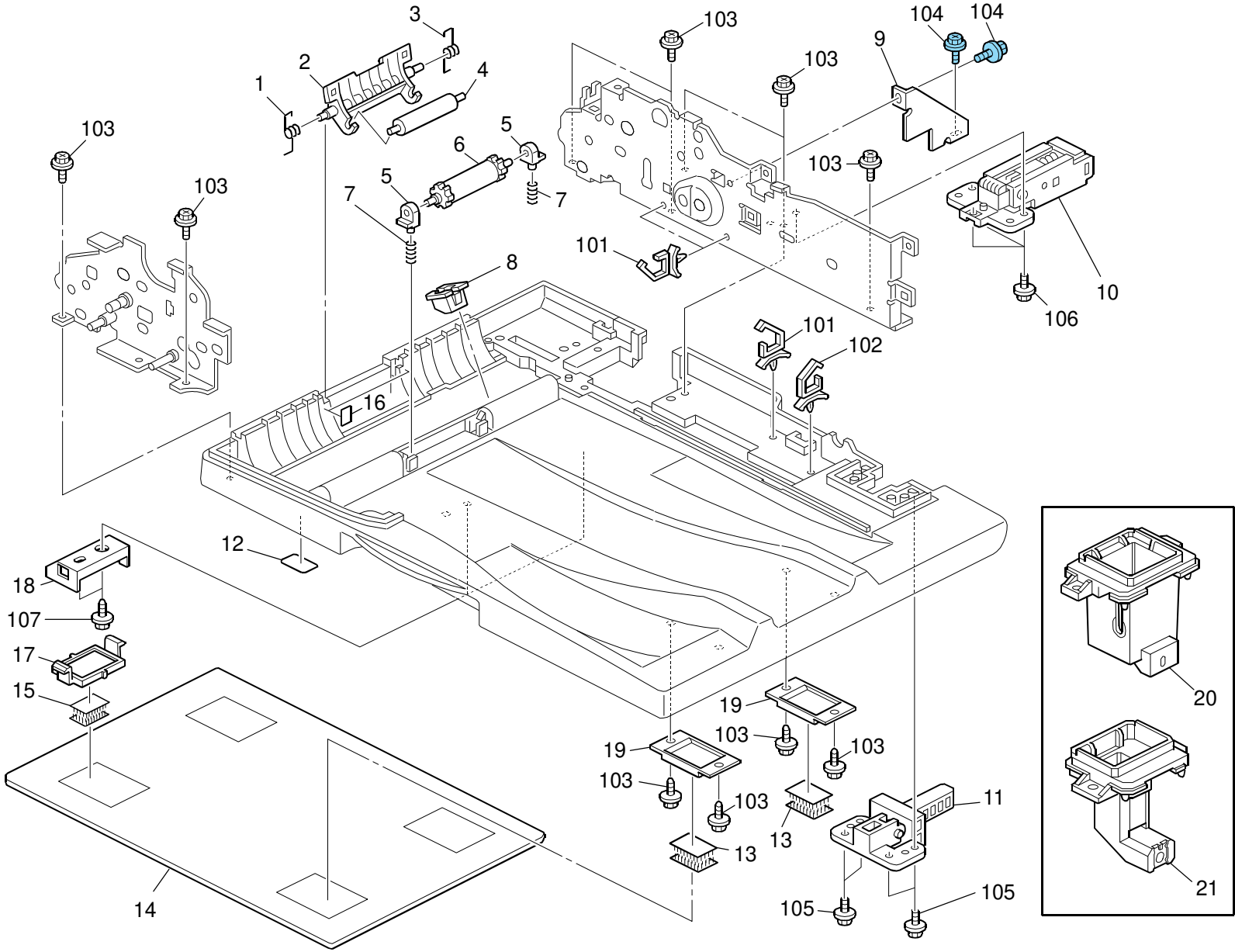


4. Drive Section (B872)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 3121	Guide Plate:Scanning:Upper	1
2	B872 3211	Roller:Scanning:Front:Drive	1
3	B872 3221	Roller:Exit:Drive	1
4	B872 3111	Guide Plate:Scanning:Lower	1
5	AW01 0109	Photo Refiection Sensor:PS117ED1	2
6	B872 3114	Discharge Brush:Lower	1
7	B872 1515	Spring Plate:Guide:Exposure Glass	2
8	B872 1522	Guide:Exposure Glass	1
9	AA14 3544	Screw - M3	2
10	B872 3311	Exchange Powl:Reverse	1
11	B872 3113	Spring Plate:Earth:Exit	1
12	B872 3241	Knob:Pick-up Paper Jam	1
13	AA04 3605	Timing Belt:B40S3M114	1
14	B830 1456	Timing Belt - 40S2M190	1
15	B872 3223	Timing Pulley:T32	1
16	B872 3212	Pulley:T25	1
17	AA04 3604	Timing Belt:B40S2M110	1
18	AA04 3603	Timing Belt:B40S2M128	1
19	B872 4214	Pulley:T16/T44	1
20	B872 4216	Tension Spring:Motor:Transport	1
21	B872 5820	Stepper Motor:DC24V 3.35W	1
22	B872 4210	Bracket:Motor:Transport	1
23	B872 3222	Timing Pulley:T32	1
24	B872 3313	Tension Spring:Exchange Powl	1
25	B872 5250	Harness:DC Solenoid	1
26	B872 3312	Lever:Exchange Powl	1
27	B872 4310	DC Solenoid:Exchange Powl	1
28	B872 4131	Inner Cover:Left Rear	1
29	A859 4141	Pulley Idler	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3008N	Tapping Screw - M3x8	
102	0805 3480	Bushing - 6mm	
103	0805 0088	Retaining Ring - M6	
104	0720 0040E	Retaining Ring - M4	
105	0451 3006N	Tapping Screw - 3x6	
106	0353 0040N	Screw - M3x4	
107	0805 0089	Retaining Ring - M4	

5.Frame Section (B872)

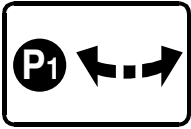


5.Frame Section (B872)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 1923	Torsion Spring:Pressure:Front	1
2	B872 1921	Lever:Driven:Pressure	1
3	B872 1924	Torsion Spring:Pressure:Rear	1
4	B872 1922	Roller:Driven:Scanning:Front	1
5	B872 1934	Bushing:Exit	2
6	B872 1931	Exit Roller:Driven	1
7	B872 1933	Compression Spring:Exit:Driven	2
8	B872 1912	Cap:Paper Feed Sensor:Base	1
9	B872 1114	Bracket:Side Plate:Rear Right	1
10	B872 1414	Hinge:Left	1
11	B872 1421	Hinge:Right	1
12	B872 6041	Decal:Lever:Knob	1
13	B351 4322	Tape:Pressuer Plate	2
14	B872 4512	Pressure Plate	1
15	B872 4513	Tape:Pressure Plate:Left	2
16	B872 1941	Guide:Base:Driven	2
17	B872 1916	Bracket:Pressure Plate	2
18	B872 1915	Holder:Bracket:Pressure Plate	2
19	B872 1914	Spacer:Pressure Plate	2
20	B262 1667	Holder:Hinge:Left	1
21	B262 1668	Holder:Hinge:Right	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0511	Harness Clamp - LWS-0306ZC	
102	1105 0508	Harness Clamp - LWS-0711	
103	0450 3008N	Tapping Screw - M3x8	
104	0454 3006Q	Tapping Screw - M3x6	
105	0450 3010N	Tapping Screw - M3x10	
106	0451 3010N	Tapping Screw:3x10	
107	0450 3006N	Tapping Screw - M3x6	

6.Decal and Documents (B872)

1	2	4
		
	3	
		
5	6	
		

6.Decal and Documents (B872)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B872 6011	Decal:Misfeed Removal	1
2	B872 6021	Decal:Side Fence	1
3	B872 6031	Decal:Size:Original	1
4	B872 6041	Decal:Lever:Knob	1
5	B872 6081	Decal:Caution Chart	1
6	B872 6071	Decal:Scale:Left:EU	1

Index No.	Part No.	Description	Q'ty Per Assembly

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 (B872)	AF03 1062	Feed Roller	Feed Roller	1	4 - 18
Original Feed 1 (B872)	AF03 0363	Pickup Roller	Pickup Roller	1	4 - 26
Original Feed 2 (B872)	AF03 2030	Reverse Roller	Reverse Roller	1	6 - 2

Parts Index

Part No.	Description	Page and Index No.
B872 1114	Bracket:Side Plate:Rear Right	11 - 9
B872 1121	Stopper:Original Table	7 - 24
B872 1122	Compression Spring:Stopper	7 - 25
B872 1414	Hinge:Left	11 - 10
B872 1421	Hinge:Right	11 - 11
B872 1515	Spring Plate:Guide:Exposure Glass	9 - 7
B872 1522	Guide:Exposure Glass	9 - 8
B872 1912	Cap:Paper Feed Sensor:Base	11 - 8
B872 1914	Spacer:Pressure Plate	11 - 19
B872 1915	Holder:Bracket:Pressure Plate	11 - 18
B872 1916	Bracket:Pressure Plate	11 - 17
B872 1921	Lever:Driven:Pressure	11 - 2
B872 1922	Roller:Driven:Scanning:Front	11 - 4
B872 1923	Torsion Spring:Pressure:Front	11 - 1
B872 1924	Torsion Spring:Pressure:Rear	11 - 3
B872 1931	Exit Roller:Driven	11 - 6
B872 1933	Compression Spring:Exit:Driven	11 - 7
B872 1934	Bushing:Exit	11 - 5
B872 1941	Guide:Base:Driven	11 - 16
B872 2110	Guide Plate:Paper Feed:Lower	7 - 13
B872 2112	Roller:Driven:DIA14	7 - 10
B872 2113	Shaft:Reverse:Roller:Driven	7 - 9
B872 2116	Compression Spring:Reverse:Driven	7 - 8
B872 2118	Guide:Reverse	7 - 30
B872 2211	Bracket:Reverse	7 - 14
B872 2213	Shaft:Drive:Separation	7 - 7
B872 2217	Gear:Z28	7 - 31
B872 2221	Shaft:Reverse Roller	7 - 5
B872 2222	Holder:Reverse Roller	7 - 1
B872 2223	Gear:Z17	7 - 6
B872 2251	Spring Plate:Reverse:Pressure	7 - 15
B872 2311	Guide Plate:Paper Feed:Upper	5 - 3
B872 2312	Guide Plate:Paper Feed:Upper	5 - 1
B872 2313	Cushion-Guide Plate	5 - 27
B872 2412	Bracket:Magnetic Clutch	5 - 5

Part No.	Description	Page and Index No.
B872 2421	Bushing:Feed	5 - 28
B872 2422	Shaft:Coupling:Feed	5 - 29
B872 2510	Feeder Unit	5 - 4
B872 2511	Gear:Idler:Z16	5 - 21
B872 2512	Gear:Z18	5 - 15
B872 2513	Feeler:Original Sensor	5 - 13
B872 2514	Shaft:Pickup	5 - 14
B872 2515	Cushion:Bracket:Feed	5 - 20
B872 2521	Shaft:Feed:C	5 - 12
B872 2523	Spring Clutch:Feed:DIA6	5 - 11
B872 2524	Spacer:DIA9	5 - 10
B872 2526	Spring:Roller Clutch	5 - 16
B872 2527	Roller Clutch:Bracket:Feed	5 - 19
B872 2528	Gear:Z18	5 - 24
B872 2529	Collar:Pickup	5 - 25
B872 2611	Roller:R0	7 - 29
B872 2612	Gear:Z19	7 - 27
B872 2613	Gear:Z22	7 - 21
B872 2614	Bushing:R1	7 - 3
B872 3111	Guide Plate:Scanning:Lower	9 - 4
B872 3113	Spring Plate:Earth:Exit	9 - 11
B872 3114	Discharge Brush:Lower	9 - 6
B872 3121	Guide Plate:Scanning:Upper	9 - 1
B872 3211	Roller:Scanning:Front:Drive	9 - 2
B872 3212	Pulley:T25	9 - 16
B872 3221	Roller:Exit:Drive	9 - 3
B872 3222	Timing Pulley:T32	9 - 23
B872 3223	Timing Pulley:T32	9 - 15
B872 3233	Torque Limiter:T24:S2M	7 - 26
B872 3241	Knob:Pick-up Paper Jam	9 - 12
B872 3261	Roller:Reverse:Drive	7 - 28
B872 3311	Exchange Powl:Reverse	9 - 10
B872 3312	Lever:Exchange Powl	9 - 26
B872 3313	Tension Spring:Exchange Powl	9 - 24
B872 4113	Gear:Z44/T16	7 - 19

Part No.	Description	Page and Index No.
B872 4116	Gear:Z44/T14	7 - 18
B872 4121	Gear:Idler:Z17	7 - 34
B872 4131	Inner Cover:Left Rear	9 - 28
B872 4141	Bracket:Motor:Paper Feed:Ass'y	7 - 22
B872 4210	Bracket:Motor:Transport	9 - 22
B872 4214	Pulley:T16/T44	9 - 19
B872 4216	Tension Spring:Motor:Transport	9 - 20
B872 4310	DC Solenoid:Exchange Powl	9 - 27
B872 4512	Pressure Plate	11 - 14
B872 4513	Tape:Pressure Plate:Left	11 - 15
B872 4611	Original Table	3 - 15
B872 4612	Guide:Original Table:Front	3 - 12
B872 4613	Guide:Original Table:Rear	3 - 11
B872 4615	Cover:Original Table	3 - 9
B872 4616	Roller:Reverse:Pressure	3 - 8
B872 4621	Original Table:Auxiliary	3 - 16
B872 4624	Spring Plate	3 - 7
B872 4711	Cover:Open And Close	3 - 2
B872 4712	Guide Mylar	3 - 28
B872 4721	Shaft:Pressure:DIA4	3 - 4
B872 4722	Spring Plate:R0	3 - 6
B872 4726	Case:Magnetic	3 - 26
B872 4731	Cover:Rear	3 - 14
B872 4741	Cover:Front	3 - 19
B872 5100	PCB:Main Control	5 - 9
B872 5210	Harness:Interface	5 - 8
B872 5240	Harness:Main	5 - 7
B872 5250	Harness:Dc Solenoid	9 - 25
B872 5810	Stepper Motor DC24V 3.53W	7 - 23
B872 5820	Stepper Motor:DC24V 3.35W	9 - 21
B872 6011	Decal:Misfeed Removal	13 - 1
B872 6011	Decal:Misfeed Removal	3 - 1
B872 6021	Decal:Side Fence	3 - 10
B872 6021	Decal:Side Fence	13 - 2
B872 6031	Decal:Size:Original	3 - 5

Part No.	Description	Page and Index No.
B872 6031	Decal:Size:Original	13 - 3
B872 6041	Decal:Lever:Knob	11 - 12
B872 6041	Decal:Lever:Knob	13 - 4
B872 6071	Decal:Scale:Left:EU	3 - 20
B872 6071	Decal:Scale:Left:EU	13 - 6
B872 6081	Decal:Caution Chart	3 - 29
B872 6081	Decal:Caution Chart	13 - 5
B872 7010	Scale:Left:Adhesion	3 - 22
B872 7014	Cap:Registration Sensor:Scale	3 - 21

Part No.	Description	Page and Index No.
A859 2352	Pressure Plate Pad	3 - 30
A859 4141	Pulley Idler	9 - 29
B044 4929	Sheet - Exposure Glass	3 - 24
B044 4961	Oneway Clutch	5 - 22
B044 4962	Cushion	7 - 16
B262 1667	Holder:Hinge:Left	11 - 20
B262 1668	Holder:Hinge:Right	11 - 21
B351 4322	Tape:Pressuer Plate	11 - 13
B789 4257	Pulley Flange	7 - 33
B830 1456	Timing Belt - 40S2M190	9 - 14
G827 1023	Magnetic:Hale:DIA10x7	3 - 27
H072 2220	Spacer - M6x10	5 - 17
H521 1350	Pad - Pick-up	5 - 2

Part No.	Description	Page and Index No.
AA04 3603	Timing Belt:B40S2M128	9 - 18
AA04 3603	Timing Belt:B40S2M128	7 - 20
AA04 3604	Timing Belt:B40S2M110	9 - 17
AA04 3605	Timing Belt:B40S3M114	9 - 13
AA08 0034	Bushing - 4x5x7	7 - 11
AA14 3544	Screw - M3	9 - 9
AA14 3788	Pin:Guide Plate:Paper Feed	3 - 17
AA14 3866	Screw:DIA3.4:M3	3 - 25
AB01 7591	Gear - 18/30Z	7 - 32
AC01 3005	DF Exposure Glass	3 - 23
AF02 2144	Pressure Roller	3 - 3
AF03 0363	Pickup Roller	5 - 26
AF03 1062	Feed Roller	5 - 18
AF03 2030	Reverse Roller	7 - 2
AW01 0109	Photo Refiection Sensor:PS117ED1	9 - 5
AW02 0141	Photointerruptor	7 - 12
AW02 0155	Photointerruptor:Paper Size Sensor	7 - 17
AX20 0303	Magnetic Clutch:245mN.m	5 - 6
BB01 3003	Gear - 14Z	3 - 13

Part No.	Description	Page and Index No.
0353 0040N	Screw - M3x4	9 - 106
0450 3006N	Tapping Screw - M3x6	3 - 103
0450 3006N	Tapping Screw - M3x6	11 - 107
0450 3008N	Tapping Screw - M3x8	5 - 104
0450 3008N	Tapping Screw - M3x8	11 - 103
0450 3010N	Tapping Screw - M3x10	11 - 105
0451 3006N	Tapping Screw - 3x6	9 - 105
0451 3006N	Tapping Screw - 3x6	7 - 106
0451 3006N	Tapping Screw - 3x6	5 - 103
0451 3006N	Tapping Screw - 3x6	3 - 105
0451 3008N	Tapping Screw - M3x8	3 - 102
0451 3008N	Tapping Screw - M3x8	9 - 101
0451 3010N	Tapping Screw:3x10	11 - 106
0452 3008N	Tapping Screw - M3x8	3 - 101
0454 3006Q	Tapping Screw - M3x6	7 - 107
0454 3006Q	Tapping Screw - M3x6	11 - 104
0720 0030E	Retaining Ring - M3	7 - 102
0720 0030E	Retaining Ring - M3	5 - 102
0720 0040E	Retaining Ring - M4	5 - 101
0720 0040E	Retaining Ring - M4	7 - 101
0720 0040E	Retaining Ring - M4	9 - 104
0720 0060E	Retaining Ring - M6	7 - 105
0805 0088	Retaining Ring - M6	9 - 103
0805 0089	Retaining Ring - M4	9 - 107
0805 3480	Bushing - 6mm	9 - 102
0805 3480	Bushing - 6mm	7 - 104
1105 0436	Locking Support - KGCP-08-0	5 - 106
1105 0508	Harness Clamp - LWS-0711	11 - 102
1105 0511	Harness Clamp - LWS-0306ZC	11 - 101
1105 0511	Harness Clamp - LWS-0306ZC	7 - 103
1105 0516	Clamp	7 - 109
1105 0518	Edge Saddle - LES-1010	3 - 104
1105 0612	Clamp:EDS-0704L-V0	7 - 108
1105 0612	Clamp:EDS-0704L-V0	5 - 105

Part No.	Description	Page and Index No.
5215 2621	Snap Ring - M6	3 - 18
5447 2681	Snap Ring	5 - 23
5447 2681	Snap Ring	7 - 4