

RT45 (B543)

(RoHS Compliant Materials)

RT45 (B543)

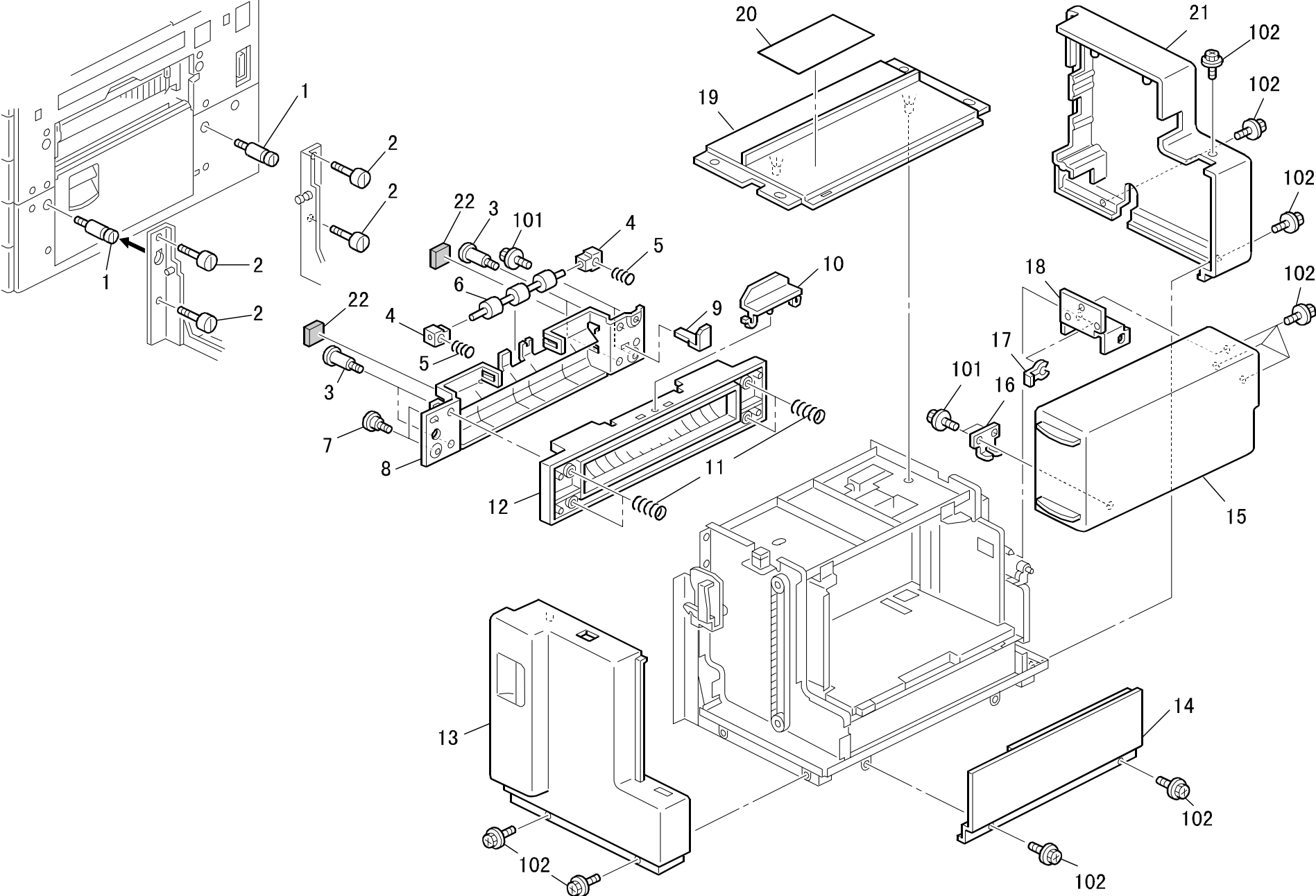
PARTS CATALOG

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

1.EXTERIOR (B543).....	2
2.PAPER REGISTRATION (B543).....	4
3.PAPER TRAY (B543)	6
4.FRAME SECTION (B543)	8
5.DRIVE AND ELECTRICAL SECTION (B543)	10
PARTS INDEX.....	13

July ,10 ' 2005

1.EXTERIOR (B543)

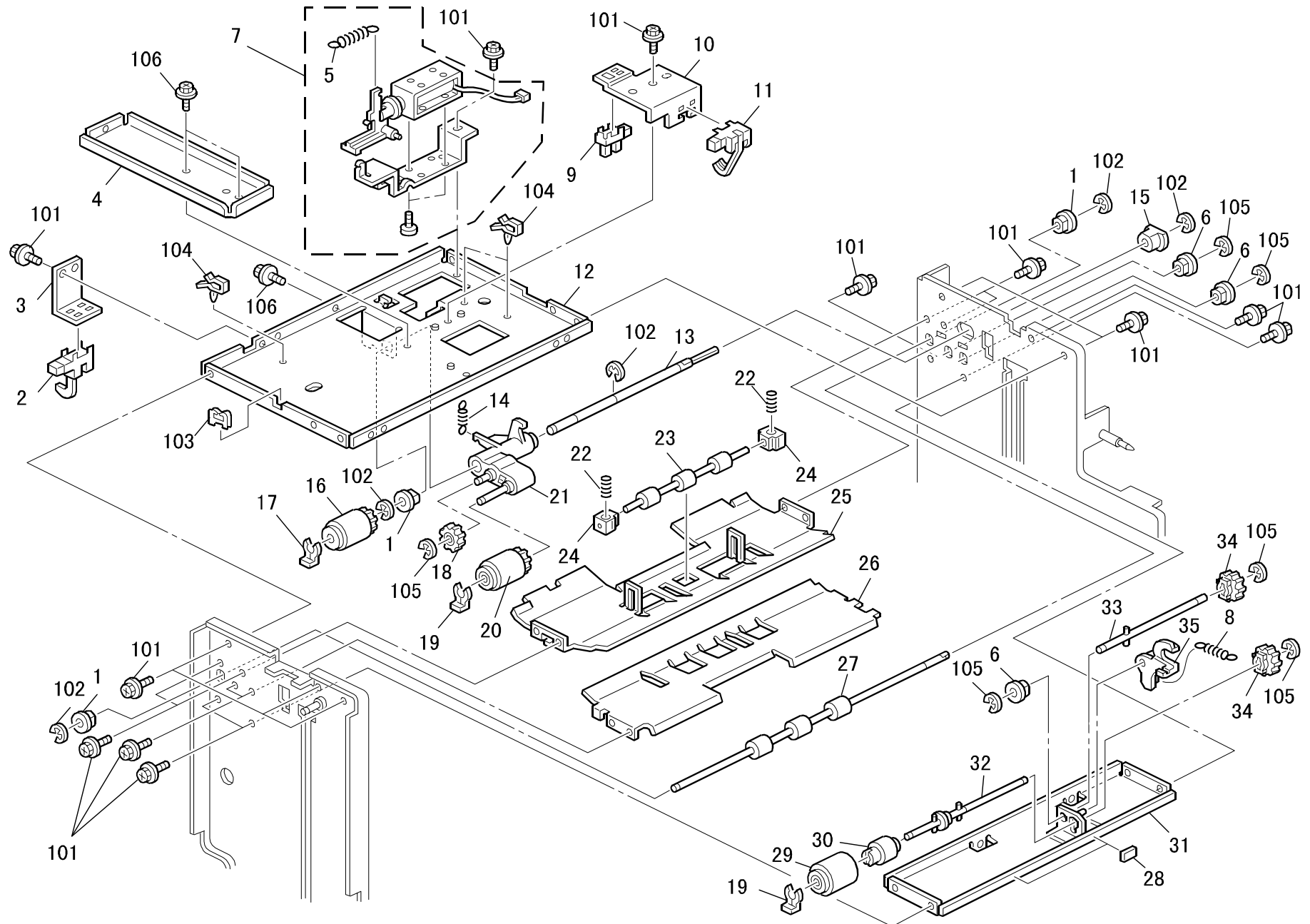


1.EXTERIOR (B543)

Index No.	Part No.	Description	Q'ty Per Assembly
1	AA14 3503	Positioning Pin	2
2	AA14 3504	Coupling Screw	4
3	B543 3481	Shaft:Guide Pin	4
4	AA08 0236	Bushing	2
5	AA06 3571	Compression Spring	2
6	AF02 0420	Driven Roller	1
7	B543 3482	Screw:Vertical Transport:M3	2
8	B543 2700	Guide Plate:Vertical Transport:Driven:Peen	1
9	B543 2711	Lever Switch	1
10	A683 1285	Magnetic Catch Cover	1
11	AA06 3572	Compression Spring	4
12	B543 2710	Guide Plate:Vertical Transport	1
13	B543 1250	Cover:Front	1
14	B543 1260	Cover:Right Lower	1
15	B543 1275	Cover:Upper Right	1
16	B543 1281	Bracket:Magnet Catch	1
17	5447 2681	Snap Ring	1
18	B543 1280	Bracket:Hinge:Right Upper:Cover	1
19	B543 1265	Cover:Upper Left	1
20	B543 2900	Decal:Paper:Installation Procedure	1
21	B543 1255	Cover:Rear	1
22	A680 4223	Cushion	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0450 3008N	Tapping Screw - M3x8	
102	0451 3008N	Tapping Screw - M3x8	

2.PAPER REGISTRATION (B543)

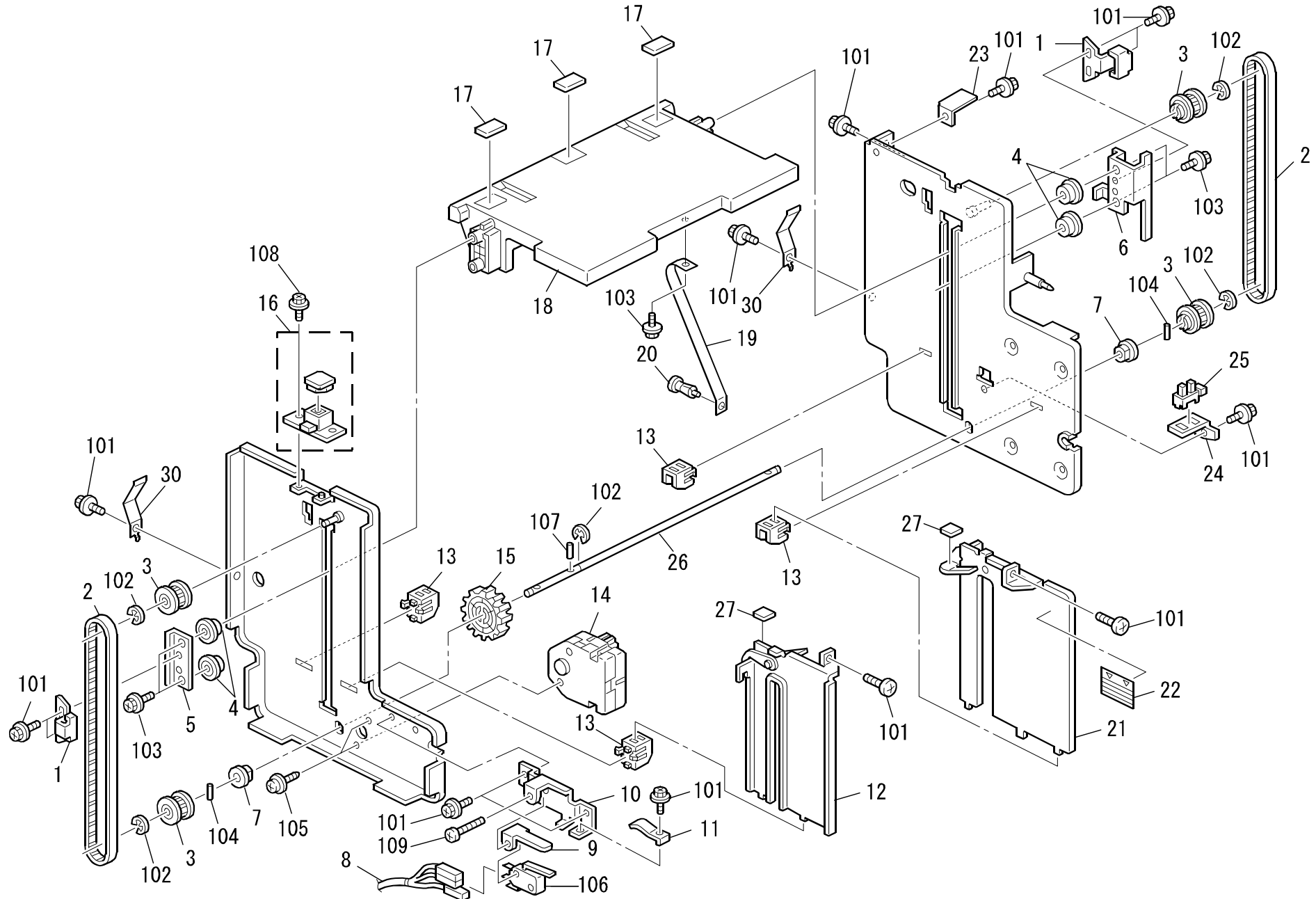


2.PAPER REGISTRATION (B543)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5053 0223	Bushing - 8mm	3
2	AW02 0177	Photointerruptor:Vertical Transport	1
3	B543 2632	Bracket:Connecting:Sensor	1
4	B543 2675	Supporting Plate:Stay:Upper	1
5	A380 2460	Pick-up Release Spring	1
6	5053 0447	Bushing - 6mm	3
7	B543 2625	DC Solenoid:Pickup:Ass'y	1
8	AA06 0636	Pressure Spring	1
9	AW02 0160	Paper Feed Sensor	1
10	B543 2622	Bracket:Photointerruptor:Paper Feed	1
11	AW02 0176	Photointerruptor:Paper End Sensor	1
12	B543 2670	Stay:Upper:Paper Feed	1
13	AA14 0669	Feed Roller Shaft	1
14	AA06 0741	Pressure Spring	1
15	AA08 3015	Roller Clutch	1
16	AF03 1081	Paper Feed Roller:Feed:Manual Feed	1
17	5215 2621	Snap Ring - M6	1
18	5447 2706	Gear - 15T	1
19	5447 2681	Snap Ring	2
20	AF03 0080	Paper Feed Roller:Pickup	1
21	A380 2211	Pick-up Arm	1
22	AA06 3571	Compression Spring	2
23	AF02 0420	Driven Roller	1
24	AA08 0236	Bushing	2
25	B543 2681	Guide Plate:Transport:Upper	1
26	B543 2685	Guide Plate:Transport:Lower	1
27	AF02 0419	Transport Drive Roller	1
28	H516 3625	Spacer - 10x18x2mm	2
29	AF03 2080	Paper Feed Roller:Separate	1
30	A293 6399	Torque Limiter - Separator	1
31	B543 2650	Base:Paper Feed Roller:Peen	1
32	B543 2668	Shaft:Driven:Reverse:Press Fit	1
33	A683 2667	Drive Shaft - Reverse Roller	1
34	AB01 3420	Gear - 18Z	2
35	A683 2666	Pressure Lever	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0720 0060E	Retaining Ring - M6	
103	1105 0328	Harness Clamp - ES-0505	
104	1105 0267	Harness Clamp - YMC-10-0	
105	0720 0040E	Retaining Ring - M4	
106	0802 5276	Tapping Screw With Washer - M3x6	

3.PAPER TRAY (B543)

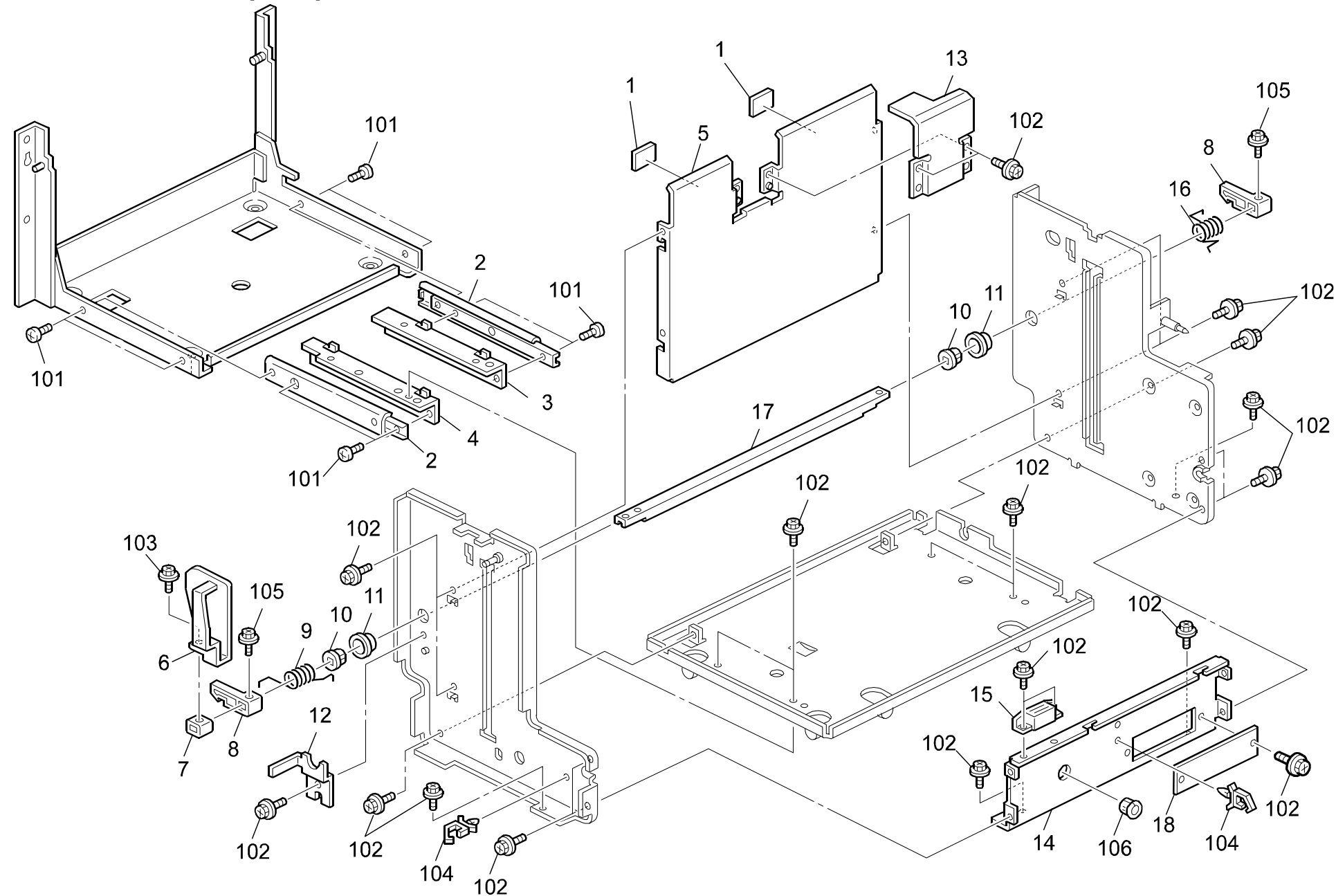


3.PAPER TRAY (B543)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A667 2660	Belt Stopper	2
2	AA04 3259	Timing Belt	2
3	AB03 0548	Pulley - 16T	4
4	A335 4351	Guide Roller	4
5	B543 2731	Bracket:Coupling:Tray:Front	1
6	B543 2732	Bracket:Coupling:Tray:Rear	1
7	5053 0223	Bushing - 8mm	2
8	B543 5320	Harness:Main:Bahama-b:Ass'y	1
9	B543 2743	Lever:Safety Switch	1
10	B543 2741	Bracket:Safety Switch	1
11	A683 2742	Plate Spring - Safty Switch	1
12	B543 2750	Side Fence:Front:Peen	1
13	A667 2644	Supporter - Side Fence	4
14	AX04 0214	DC Motor:Shift:Upper Lower:Drive	1
15	AB01 4023	Gear - 45z	1
16	B543 5175	Push Switch:Large Capacity Tray	1
17	A421 2543	Friction Pad	3
18	AF01 1041	Paper Tray	1
19	A667 2653	Paper Stopper	1
20	A048 2838	Nylon Rivet	1
21	B543 2755	Side Fence:Rear:Peen	1
22	AA00 2010	Decal - Paper Level	1
23	B543 2585	Supporting Plate:Side Plate:Rear	1
24	B543 2746	Bracket:Paper Size Sensor	1
25	AW02 0160	Paper Feed Sensor	1
26	AA14 5561	Tray Drive Shaft	1
27	B543 2758	Guide:Paper:Plate	2
28	B543 2550	Side Plate:Front:Peen	1
29	B543 2560	Side Plate:Rear:Peen	1
30	A683 1287	Spring Plate:Auxiliary:Vertical Tra	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0720 0060E	Retaining Ring - M6	
103	0450 3008N	Tapping Screw - M3x8	
104	0633 0140G	Parallel Pin - 3x14	
105	0450 4020N	Tapping Screw - M4x20	
106	1204 2723	Switch:Am51612a531n	
107	0633 0180G	Parallel Pin - 3x18mm	
108	0451 4008N	Tapping Screw:4x8	
109	0313 0180N	Pan Head Screw - M3x18	

4.FRAME SECTION (B543)

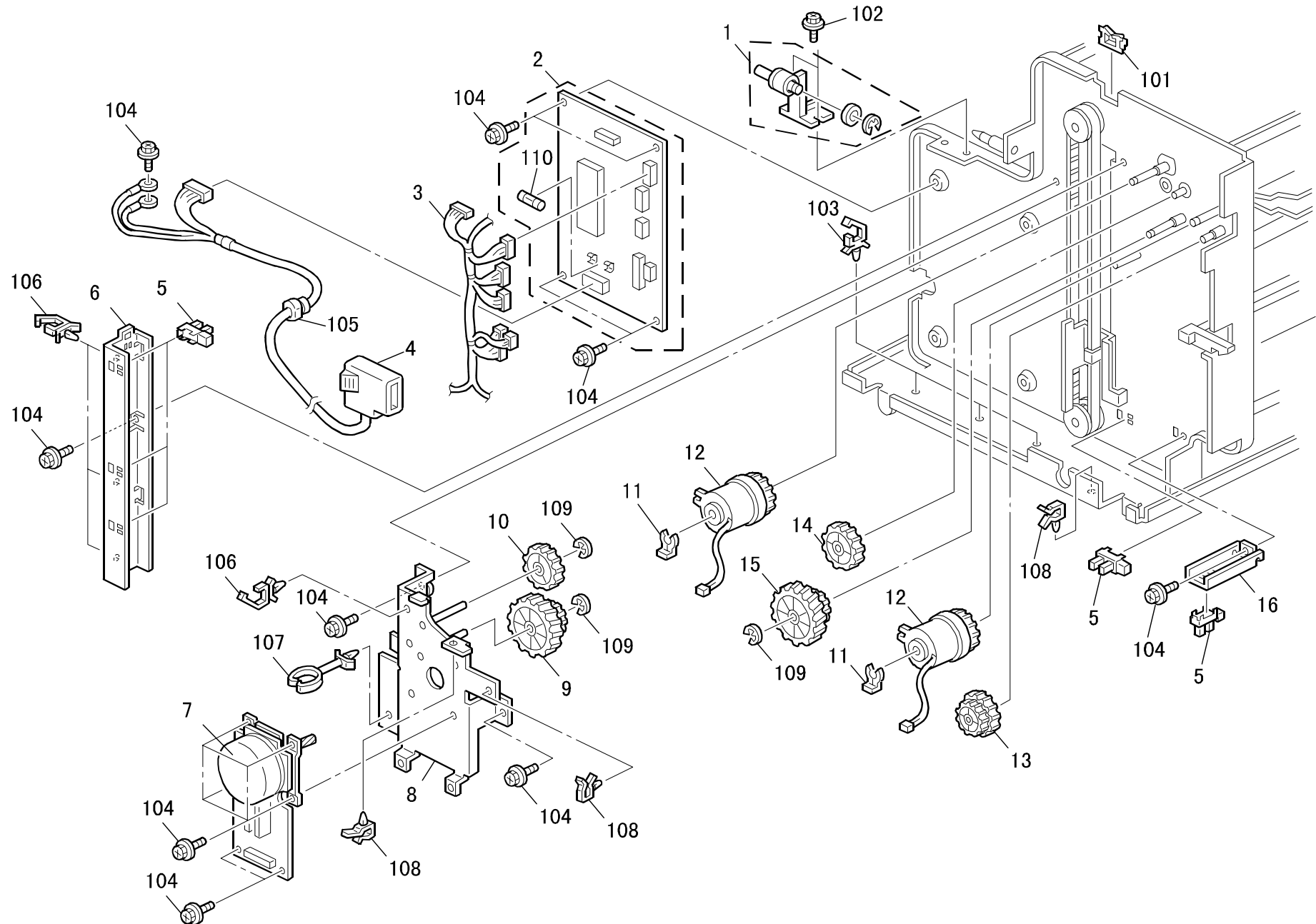


4.FRAME SECTION (B543)

Index No.	Part No.	Description	Q'ty Per Assembly
1	B543 2577	Cushion:Guide Plate:Lower	2
2	AA07 0041	Slide Rail	2
3	B543 1085	Bracket:Base:Rear	1
4	B543 1080	Bracket:Base:Front	1
5	B543 2575	Guide Plate:Front	1
6	B543 2815	Knob:Large Capacity Tray	1
7	A683 2811	Handle Collar	1
8	A667 2571	Lock Lever	2
9	AA06 6294	Torsion Spring	1
10	A007 2757	Sector Gear Bushing	2
11	A007 2756	Bushing - Volume Sensor Shaft	2
12	B543 2813	Lever:Lock:Front	1
13	B543 2576	Guide Plate:Paper Feed Roller	1
14	B543 2581	Stay:Magnet Catch:Side Plate	1
15	AG07 0004	Magnetic Catch	1
16	AA06 6295	Torsion Spring	1
17	B543 2812	Stay:Lock	1
18	B543 2582	Separation Plate:Stay:Magnet Catch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0453 3005N	Binding Self Tapping Screw:3x5	
102	0451 3006N	Tapping Screw - 3x6	
103	0451 3010N	Tapping Screw:3x10	
104	1105 0310	Harness Clamp - LWS-1S	
105	0451 3008N	Tapping Screw - M3x8	
106	1106 0458	Bushing - 9.9mm	

5.DRIVE AND ELECTRICAL SECTION (B543)



5.DRIVE AND ELECTRICAL SECTION (B543)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A683 1282	Hinge	1
2	B543 5150	Interface Board:Bahama-b:Ass'y	1
3	B543 5320	Harness:Main:Bahama-b:Ass'y	1
4	B543 5020	Harness:Interface:Ass'y	1
5	AW02 0160	Paper Feed Sensor	5
6	B543 2821	Bracket:Paper Volume Sensor	1
7	AX06 0140	Brushless Motor - DC24V 12.3W	1
8	B543 2695	Bracket:Motor:Peen	1
9	AB01 7462	Gear - 49Z/21Z	1
10	AB01 4059	Idler Gear - 31Z	1
11	5215 2621	Snap Ring - M6	2
12	AX20 0280	Magnetic Clutch:0.5n.m:28z	2
13	AB01 7470	Gear - 31Z/37Z	1
14	AB01 4057	Drive Gear - 34Z	1
15	AB01 7463	Gear - 47Z/24Z	1
16	B543 2831	Bracket:Set Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0113	Edge - P108	
102	0451 4008N	Tapping Screw:4x8	
103	1105 0291	Harness Clamp - LWS-3S	
104	0451 3006N	Tapping Screw - 3x6	
105	1106 0132	Cord Stopper	
106	1105 0310	Harness Clamp - LWS-1S	
107	1105 0348	Clamp	
108	1105 0267	Harness Clamp - YMC-10-0	
109	0720 0040E	Retaining Ring - M4	
110	1107 0392	Fuse - 6.3A 125V	

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.
PAPER REGISTRATION (B543)	AF03 1081	Feed Roller	Paper Feed Roller:Feed:Manual Feed	1	5 - 16
PAPER REGISTRATION (B543)	AF03 0080	Pick-up Roller	Paper Feed Roller:Pickup	1	5 - 20
PAPER REGISTRATION (B543)	AF03 2080	Separation Roller	Paper Feed Roller:Separate	1	5 - 29

Parts Index

Part No.	Description	Page and Index No.
B543 1080	Bracket:Base:Front	9 - 4
B543 1085	Bracket:Base:Rear	9 - 3
B543 1250	Cover:Front	3 - 13
B543 1255	Cover:Rear	3 - 21
B543 1260	Cover:Right Lower	3 - 14
B543 1265	Cover:Upper Left	3 - 19
B543 1275	Cover:Upper Right	3 - 15
B543 1280	Bracket:Hinge:Right Upper:Cover	3 - 18
B543 1281	Bracket:Magnet Catch	3 - 16
B543 2550	Side Plate:Front:Peen	7 - 28
B543 2560	Side Plate:Rear:Peen	7 - 29
B543 2575	Guide Plate:Front	9 - 5
B543 2576	Guide Plate:Paper Feed Roller	9 - 13
B543 2577	Cushion:Guide Plate:Lower	9 - 1
B543 2581	Stay:Magnet Catch:Side Plate	9 - 14
B543 2582	Separation Plate:Stay:Magnet Catch	9 - 18
B543 2585	Supporting Plate:Side Plate:Rear	7 - 23
B543 2622	Bracket:Photointerruptor:Paper Feed	5 - 10
B543 2625	DC Solenoid:Pickup:Ass'y	5 - 7
B543 2632	Bracket:Connecting:Sensor	5 - 3
B543 2650	Base:Paper Feed Roller:Peen	5 - 31
B543 2668	Shaft:Driven:Reverse:Press Fit	5 - 32
B543 2670	Stay:Upper:Paper Feed	5 - 12
B543 2675	Supporting Plate:Stay:Upper	5 - 4
B543 2681	Guide Plate:Transport:Upper	5 - 25
B543 2685	Guide Plate:Transport:Lower	5 - 26
B543 2695	Bracket:Motor:Peen	11 - 8
B543 2700	Guide Plate:Vertical Transport:Driven:Peen	3 - 8
B543 2710	Guide Plate:Vertical Transport	3 - 12
B543 2711	Lever Switch	3 - 9
B543 2731	Bracket:Coupling:Tray:Front	7 - 5
B543 2732	Bracket:Coupling:Tray:Rear	7 - 6
B543 2741	Bracket:Safety Switch	7 - 10
B543 2743	Lever:Safety Switch	7 - 9
B543 2746	Bracket:Paper Size Sensor	7 - 24

Part No.	Description	Page and Index No.
B543 2750	Side Fence:Front:Peen	7 - 12
B543 2755	Side Fence:Rear:Peen	7 - 21
B543 2758	Guide:Paper:Plate	7 - 27
B543 2812	Stay:Lock	9 - 17
B543 2813	Lever:Lock:Front	9 - 12
B543 2815	Knob:Large Capacity Tray	9 - 6
B543 2821	Bracket:Paper Volume Sensor	11 - 6
B543 2831	Bracket:Set Sensor	11 - 16
B543 2900	Decal:Paper:Installation Procedure	3 - 20
B543 3481	Shaft:Guide Pin	3 - 3
B543 3482	Screw:Vertical Transport:M3	3 - 7
B543 5020	Harness:Interface:Ass'y	11 - 4
B543 5150	Interface Board:Bahama-b:Ass'y	11 - 2
B543 5175	Push Switch:Large Capacity Tray	7 - 16
B543 5320	Harness:Main:Bahama-b:Ass'y	7 - 8
B543 5320	Harness:Main:Bahama-b:Ass'y	11 - 3

Part No.	Description	Page and Index No.
A007 2756	Bushing - Volume Sensor Shaft	9 - 11
A007 2757	Sector Gear Bushing	9 - 10
A048 2838	Nylon Rivet	7 - 20
A293 6399	Torque Limiter - Separator	5 - 30
A335 4351	Guide Roller	7 - 4
A380 2211	Pick-up Arm	5 - 21
A380 2460	Pick-up Release Spring	5 - 5
A421 2543	Friction Pad	7 - 17
A667 2571	Lock Lever	9 - 8
A667 2644	Supporter - Side Fence	7 - 13
A667 2653	Paper Stopper	7 - 19
A667 2660	Belt Stopper	7 - 1
A680 4223	Cushion	3 - 22
A683 1282	Hinge	11 - 1
A683 1285	Magnetic Catch Cover	3 - 10
A683 1287	Spring Plate:Auxiliary:Vertical Tra	7 - 30
A683 2666	Pressure Lever	5 - 35
A683 2667	Drive Shaft - Reverse Roller	5 - 33
A683 2742	Plate Spring - Safty Switch	7 - 11
A683 2811	Handle Collar	9 - 7
H516 3625	Spacer - 10x18x2mm	5 - 28

Part No.	Description	Page and Index No.
AA00 2010	Decal - Paper Level	7 - 22
AA04 3259	Timing Belt	7 - 2
AA06 0636	Pressure Spring	5 - 8
AA06 0741	Pressure Spring	5 - 14
AA06 3571	Compression Spring	5 - 22
AA06 3571	Compression Spring	3 - 5
AA06 3572	Compression Spring	3 - 11
AA06 6294	Torsion Spring	9 - 9
AA06 6295	Torsion Spring	9 - 16
AA07 0041	Slide Rail	9 - 2
AA08 0236	Bushing	5 - 24
AA08 0236	Bushing	3 - 4
AA08 3015	Roller Clutch	5 - 15
AA14 0669	Feed Roller Shaft	5 - 13
AA14 3503	Positioning Pin	3 - 1
AA14 3504	Coupling Screw	3 - 2
AA14 5561	Tray Drive Shaft	7 - 26
AB01 3420	Gear - 18Z	5 - 34
AB01 4023	Gear - 45z	7 - 15
AB01 4057	Drive Gear - 34Z	11 - 14
AB01 4059	Idler Gear - 31Z	11 - 10
AB01 7462	Gear - 49Z/21Z	11 - 9
AB01 7463	Gear - 47Z/24Z	11 - 15
AB01 7470	Gear - 31Z/37Z	11 - 13
AB03 0548	Pulley - 16T	7 - 3
AF01 1041	Paper Tray	7 - 18
AF02 0419	Transport Drive Roller	5 - 27
AF02 0420	Driven Roller	3 - 6
AF02 0420	Driven Roller	5 - 23
AF03 0080	Paper Feed Roller:Pickup	5 - 20
AF03 1081	Paper Feed Roller:Feed:Manual Feed	5 - 16
AF03 2080	Paper Feed Roller:Separate	5 - 29
AG07 0004	Magnetic Catch	9 - 15
AW02 0160	Paper Feed Sensor	7 - 25
AW02 0160	Paper Feed Sensor	11 - 5

Part No.	Description	Page and Index No.
AW02 0160	Paper Feed Sensor	5 - 9
AW02 0176	Photointerruptor:Paper End Sensor	5 - 11
AW02 0177	Photointerruptor:Vertical Transport	5 - 2
AX04 0214	DC Motor:Shift:Upper Lower:Drive	7 - 14
AX06 0140	Brushless Motor - DC24V 12.3W	11 - 7
AX20 0280	Magnetic Clutch:0.5n.m:28z	11 - 12

Part No.	Description	Page and Index No.
0313 0180N	Pan Head Screw - M3x18	7 -109
0450 3008N	Tapping Screw - M3x8	7 -103
0450 3008N	Tapping Screw - M3x8	3 -101
0450 4020N	Tapping Screw - M4x20	7 -105
0451 3006N	Tapping Screw - 3x6	9 -102
0451 3006N	Tapping Screw - 3x6	11 -104
0451 3006N	Tapping Screw - 3x6	7 -101
0451 3006N	Tapping Screw - 3x6	5 -101
0451 3008N	Tapping Screw - M3x8	9 -105
0451 3008N	Tapping Screw - M3x8	3 -102
0451 3010N	Tapping Screw:3x10	9 -103
0451 4008N	Tapping Screw:4x8	11 -102
0451 4008N	Tapping Screw:4x8	7 -108
0453 3005N	Binding Self Tapping Screw:3x5	9 -101
0633 0140G	Parallel Pin - 3x14	7 -104
0633 0180G	Parallel Pin - 3x18mm	7 -107
0720 0040E	Retaining Ring - M4	11 -109
0720 0040E	Retaining Ring - M4	5 -105
0720 0060E	Retaining Ring - M6	5 -102
0720 0060E	Retaining Ring - M6	7 -102
0802 5276	Tapping Screw With Washer - M3x6	5 -106
1105 0113	Edge - P108	11 -101
1105 0267	Harness Clamp - YMC-10-0	5 -104
1105 0267	Harness Clamp - YMC-10-0	11 -108
1105 0291	Harness Clamp - LWS-3S	11 -103
1105 0310	Harness Clamp - LWS-1S	9 -104
1105 0310	Harness Clamp - LWS-1S	11 -106
1105 0328	Harness Clamp - ES-0505	5 -103
1105 0348	Clamp	11 -107
1106 0132	Cord Stopper	11 -105
1106 0458	Bushing - 9.9mm	9 -106
1107 0392	Fuse - 6.3A 125V	11 -110
1204 2723	Switch:Am51612a531n	7 -106

Part No.	Description	Page and Index No.
5053 0223	Bushing - 8mm	5 - 1
5053 0223	Bushing - 8mm	7 - 7
5053 0447	Bushing - 6mm	5 - 6
5215 2621	Snap Ring - M6	5 - 17
5215 2621	Snap Ring - M6	11 - 11
5447 2681	Snap Ring	3 - 17
5447 2681	Snap Ring	5 - 19
5447 2706	Gear - 15T	5 - 18

Part No.	Description	Page and Index No.