

PS280/PS290 (A550/A549)

This parts catalog is includes MB No. 1 to 6

PARTS CATALOG

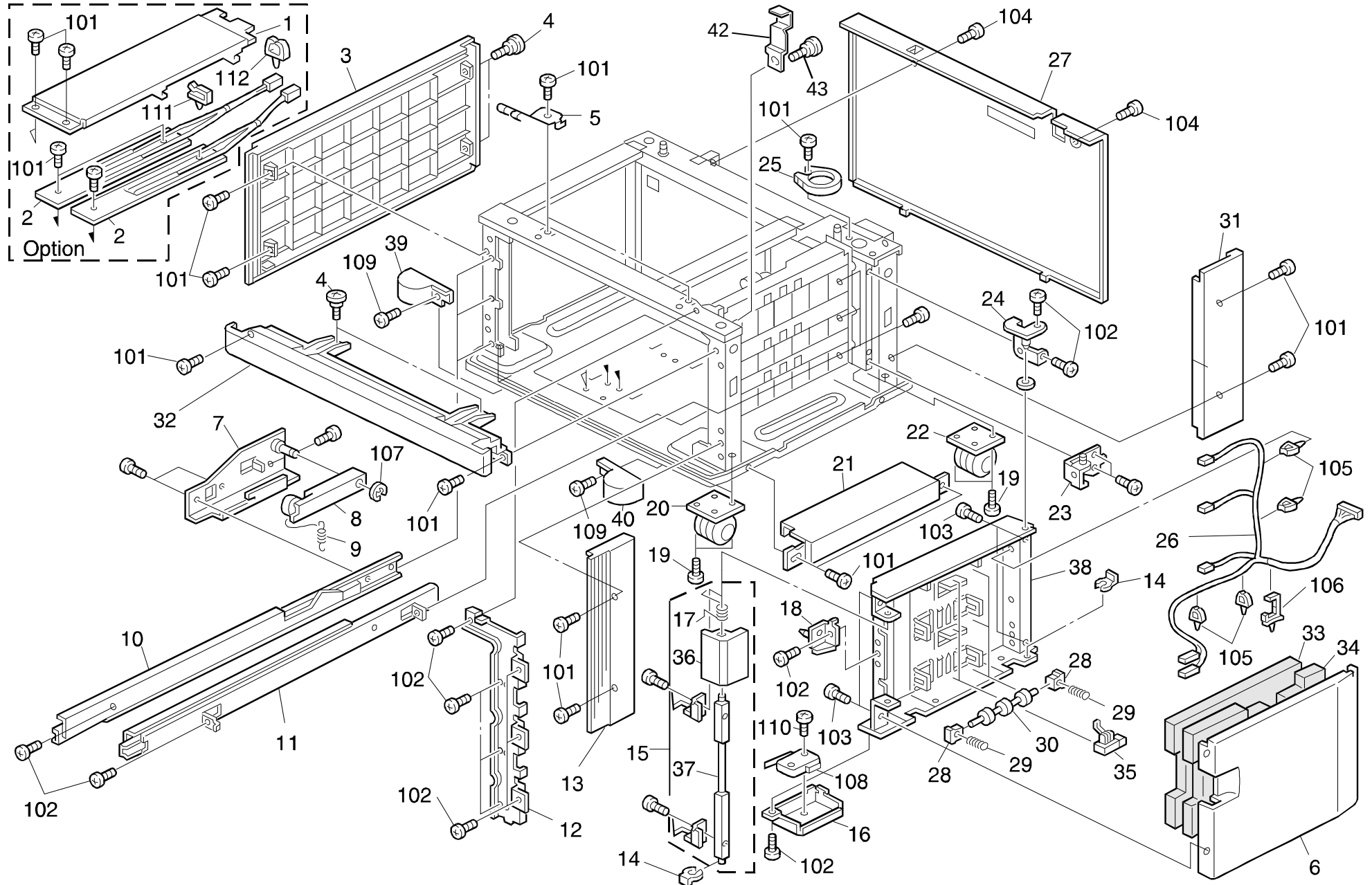
INTRODUCTION

This chapter instructs you the numbers and names of parts on this machine.

INDEX to PARTS CATALOG

1.EXTERIOR (A549/A550)	2
2.PAPER FEED SECTION (A549/A550).....	4
3.ELECTRICAL SECTION (A549/A550)	6
4.DRIVE SECTION (A549/A550)	8
5.PAPER TRAY UNIT (A549/A550)	10
6.DECAL AND DOCUMENT (A549/A550)	12
PARTS INDEX	15

1. EXTERIOR (A549/A550)

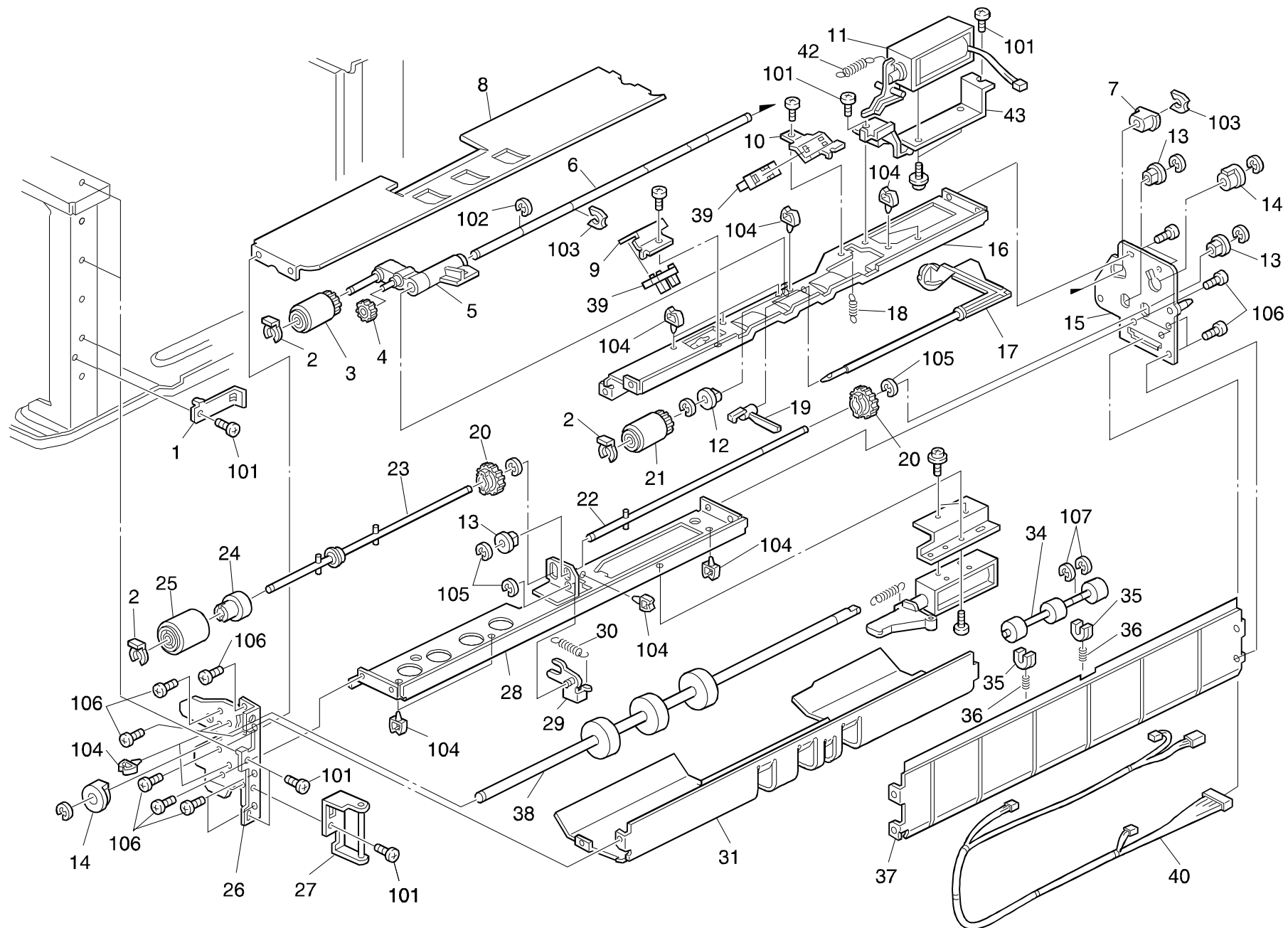


1. EXTERIOR (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A549 5225	Heater Cover	1
2	AX40 0065	Anti Condensation Heater - 100/115/230V 18W	2
3	A549 1261	Left Cover	1
4	AA14 3438	Stepped Screw - M4	4
5	A549 1092	Spring Plate	2
6	A549 2861	Vertical Transport Cover	1
7	A549 2970	Paper Tray Lock Bracket	3
8	A096 6266	Tray Lock Arm	3
9	AA06 0534	Tray Lock Spring - 19mm	3
10	A549 2963	Lift Slide Rail	3
11	A134 2930	Right Slide Rail	3
12	A549 2550	Paper Feed Bracket	1
13	A549 1281	Front Right Cover	1
14	5447 2681	Snap Ring	2
15	A549 2809	Vertical Transport Knob	1
16	A549 2842	Micro Switch Cover	1
17	1204 2355	Micro Switch - AM51632A531	1
18	A549 2802	Guide Plate Pin	1
19	A507 1096	Philips Screw - M5x6	8
20	AH01 2013	Stopper Caster - 60kgf	2
21	A549 1291	Lower Cover - Vertical Transport	1
22	AH01 2014	Caster - 60kgf	2
23	A549 2835	Lower Hinge	1
24	A549 2831	Upper Hinge	1
25	A549 1098	Spacer	1
26	A549 5320	Sensor Relay Harness (A549)	1
26	A550 5320	Sensor Harness (A550)	1
27	A549 1229	Rear Cover	1
	A549 1227	X/X MB 2	
28	AA08 0173	Spring	6
29	AA06 3271	Spring	6
30	AF02 0325	Driven Roller - Vertical Transport	3
31	A549 1236	Rear Right Cover	1
32	A549 1296	Front Upper Cover	1

Index No.	Part No.	Description	Q'ty Per Assembly
33	A549 2852	Sound Proofing Pad	1
34	A549 2851	Sound Proofing Pad	1
35	AW02 0070	Photointerrupter	3
36	A549 2845	Lock Release Knob	1
37	A549 2810	Locking Pawl	1
38	A549 2801	Guide Plate - Vertical Transport	1
39	A549 6120	Left Support Bracket	1
40	A549 6121	Right Support Bracket	1
41	AA06 6237	Spring	1
42	A549 6101	Front Right Bracket MB 3 (ADDED)	1
43	A549 6102	Knob Screw MB 3 (ADDED)	1
	 		
101	0414 0080B	Tapping Screw - M4x8	
102	0434 0060B	Philips Tapping Screw - M4x6	
103	0414 0102B	Tapping Screw M4 x 10	
104	0802 5094	Tapping Truss Head Screw - M4x8	
105	1105 0199	Clamp	
106	1105 0310	Wire Clamp	
107	0720 0040E	Retaining Ring - M4	
108	1204 2355	Micro Switch - AM51632A531	
109	0434 0060B	Philips Tapping Screw - M4x6	
110	0313 0140B	Philips Pan Head Screw - M3x14	
111	1105 0229	Clamp	
112	1105 0229	Clamp	

2. PAPER FEED SECTION (A549/A550)

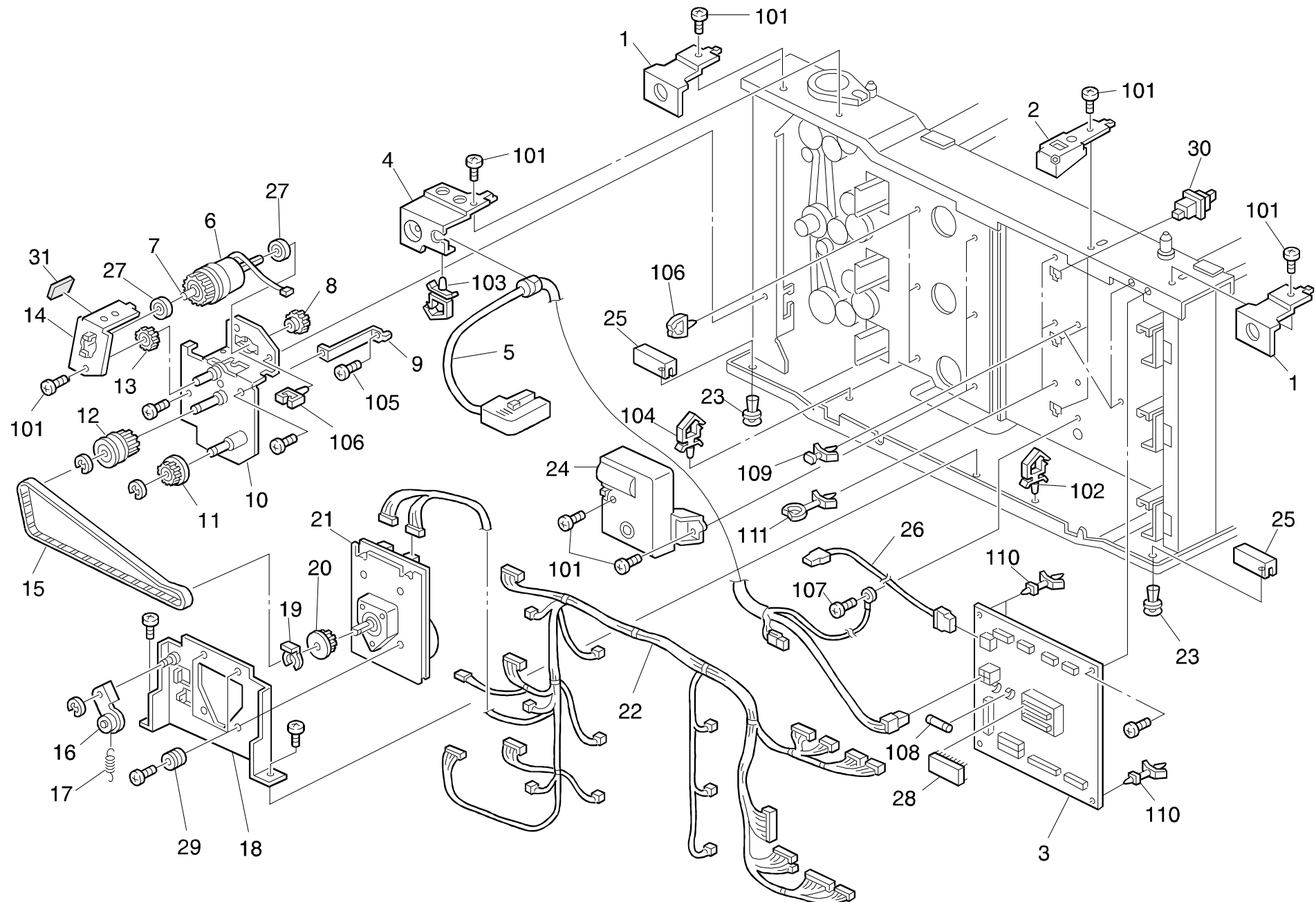


2. PAPER FEED SECTION (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A549 2843	Switch Actuator	1
2	5447 2681	Snap Ring	2
3	AF03 0025	Pick-up Feed Roller	3
4	5447 2706	Gear - 15T	3
5	A134 2860	Pick-up Arm	3
6	AA14 0545	Feed Roller Shaft	3
7	AA08 3009	Clutch Roller - 8x18x11	3
8	A134 2840	Reverse Guide Plate	3
9	A134 2873	Positioning Sensor Bracket	3
10	A134 2878	Paper End Sensor Bracket	3
11	A134 2866	Pick-up Solenoid	3
12	AA08 2047	Bushing - 8x16x7	3
13	AA08 2046	Bushing - 6x12x6	9
14	AA08 2056	Bushing - 8mm/6mm	6
15	A549 2600	Rear Side Plate - Paper Feed Unit	3
16	A549 2642	Feed Stay	3
17	A134 2862	Paper End Sensor Feeler	3
18	AA06 0523	Pick-up Pressure Sping	3
19	A134 2863	Paper End Sensor Lever	3
20	AB01 3420	Gear - 18Z	6
21	AF03 1026	Paper Feed Roller	3
22	A549 2612	Reverse Drive Roller	3
23	A134 2832	Driven Shaft Ass'y	3
24	A549 2680	Torque Limitter	3
25	AF03 2027	Separation Roller	3
26	A549 2606	Front Side Plate - Paper Feed Unit	3
27	A549 2821	Lock Pin - Vertical Transport	2
28	A134 2790	Reverse Stay	3
29	A134 2795	Pressure Lever	3
30	AA06 0636	Pressure Spring	3
31	A549 2631	Guide Plate - Paper Tray Feed	3
32	AA06 0575	Release Spring	3
33	A134 2811	Dc Reverse Solenoid	3
34	AF02 0329	Relay Roller	3
35	AA08 0156	Bushing - M4	6

Index No.	Part No.	Description	Q'ty Per Assembly
36	AA06 3487	Spring - 10mm	6
37	A549 2621	Vertical Transport Guide Plate	3
38	AF02 0324	Transport Roller - Paper Feed Unit	3
39	AW02 0075	Photointerrupter	6
40	A549 5330	Transport Harness	3
41	A134 2811	DC Reverse Solenoid	1
42	AA06 0577	Release Spring	1
43	A134 2868	Solenoid Bracket	1
101	0434 0060B	Philips Tapping Screw - M4x6	
102	0720 0060E	Retaining Ring - M6	
103	0805 0088	Retaining Ring - M6	
104	1105 0199	Clamp	
105	0720 0040E	Retaining Ring - M4	
106	0434 0060B	Philips Tapping Screw - M4x6	
107	0720 0030E	Retaining Ring - M3	

3. ELECTRICAL SECTION (A549/A550)

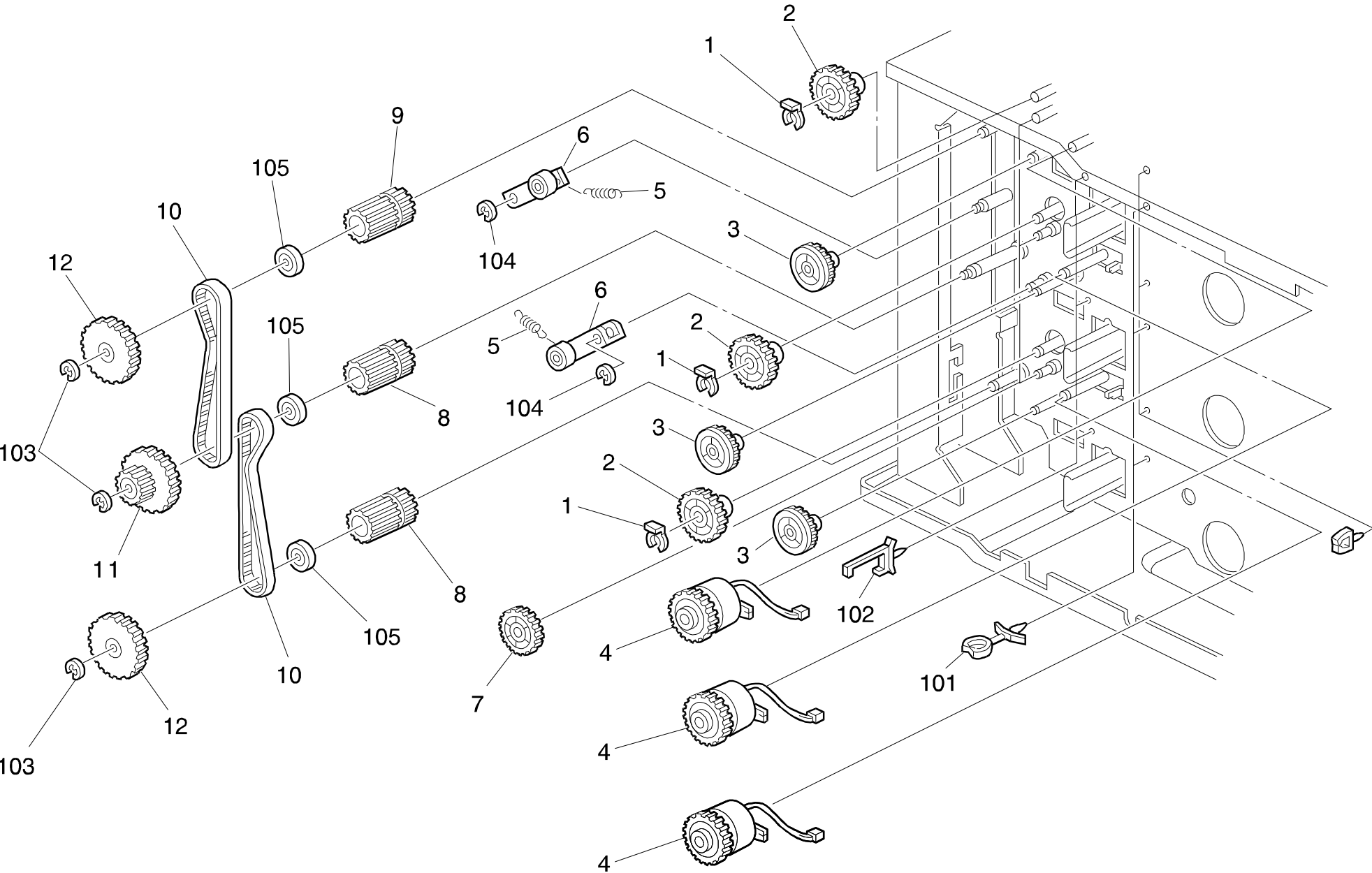


3. ELECTRICAL SECTION (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A549 1266	Rear Upper Cover Holder	2
	A549 1276	X/O MB 2	
2	A549 1275	Rear Cover Bracket	1
3	A549 5103	Interface Board (A549)	1
	A549 5100	X/O MB 1	
3	A550 5103	Interface Board (A550)	1
	A550 5100	X/O MB 1	
4	A549 1279	Harness Bracket	1
5	A549 5311	Relay Harness	1
6	AX20 0113	Magnetic Clutch - 8kfg-cm-bh3.5	1
7	AA14 5231	Joint Shaft	1
8	AB01 1160	Gear - 24Z	1
9	A549 2567	Drive Unit Stay	1
10	A549 1151	Drive Unit Bracket	1
11	AB03 0470	Timing Pulley - 30Z	1
12	AB03 0471	Timing Pulley - 30Z/35Z	1
13	AB01 1159	Gear - 35Z	1
14	A549 1158	Support Plate	1
15	AA04 3241	Timing Belt - S3M549	1
16	A549 1140	Tension Bracket	1
17	AA06 0580	Spring	1
18	A549 1135	Motor - Bracket	1
19	5215 2621	Snap Ring - M6	4
20	AB03 0468	Timing Pulley - 24Z	1
21	AX06 0103	Motor - DC24V 9W	1
22	A549 5300	Main Harness (A549)	1
22	A550 5300	Main Harness (A550)	1
23	A048 2838	Nylon Rivet	8
24	A134 2933	Tray Lift Motor - DC24V 0.5W	3
25	A549 1278	Rear Lower Cover Holder	2
26	AW03 0037	Optical Fiber	1
27	5053 0223	Bushing - 8mm	1
28	A549 5105	IC - Upd78c14g-36	1
29	AA16 1104	Cushion - Motor	4
30	AW50 0012	Push Switch	1

Index No.	Part No.	Description	Q'ty Per Assembly
31	AA16 1103	Cushion	1
101	0414 0080B	Tapping Screw - M4x8	
102	1105 0291	Wire Saddle	
103	1105 0310	Wire Clamp	
104	1105 0234	Clamp	
105	0434 0060B	Philips Tapping Screw - M4x6	
106	1105 0199	Clamp	
107	0950 4008M	Screw - M4x8	
108	1107 0392	Fuse - 6.3A	
109	1105 0415	Spacer - 12.7mm	
110	1105 0195	Pcb Stud	
111	1106 0366	Cord Clamp	

4. DRIVE SECTION (A549/A550)

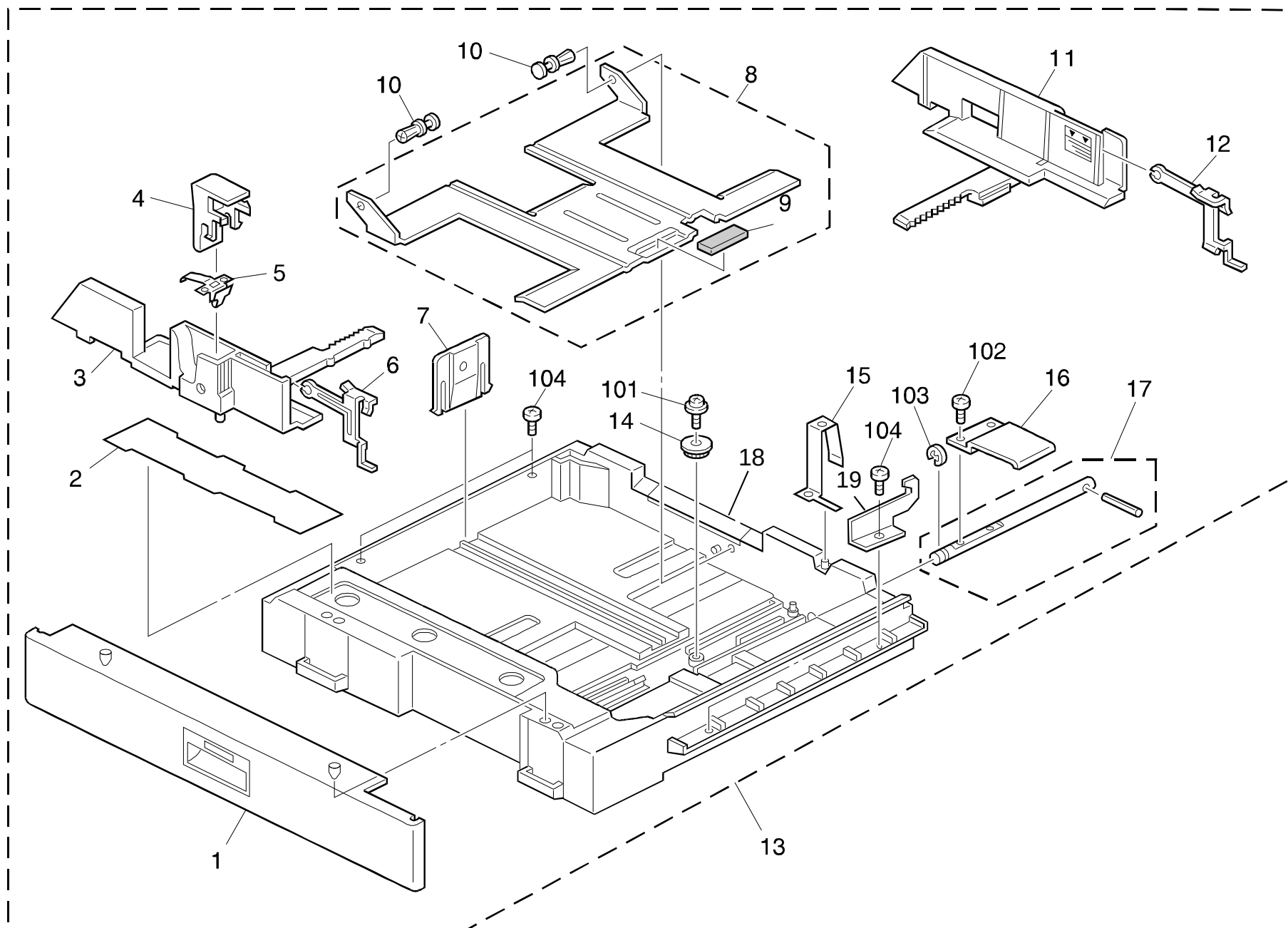


4. DRIVE SECTION (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5215 2621	Snap Ring - M6	4
2	AB01 1157	Gear - 35Z	3
3	AB01 1158	Gear - 27Z	3
4	AX20 0100	Magnetic Clutch - 3.5kgf Cm 35Z	3
5	AA06 0579	Spring	2
6	A549 1111	Support Bracket	2
7	AB01 1156	Gear - 24z	3
8	AB03 0483	Timing Pulley - 24Z	2
9	AB03 0467	Timing Pulley - 20Z	1
10	AA04 3240	Timing Belt - S3m264	2
11	AB01 1154	Gear - 35Z	1
12	AB01 1155	Gear - 35Z	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	1105 0447	Clamp	
102	1105 0291	Wire Saddle	
103	0720 0060E	Retaining Ring - M6	
104	0720 0040E	Retaining Ring - M4	
105	0740 3508	Ball Bearing -8x14x4	

5. PAPER TRAY UNIT (A549/A550)



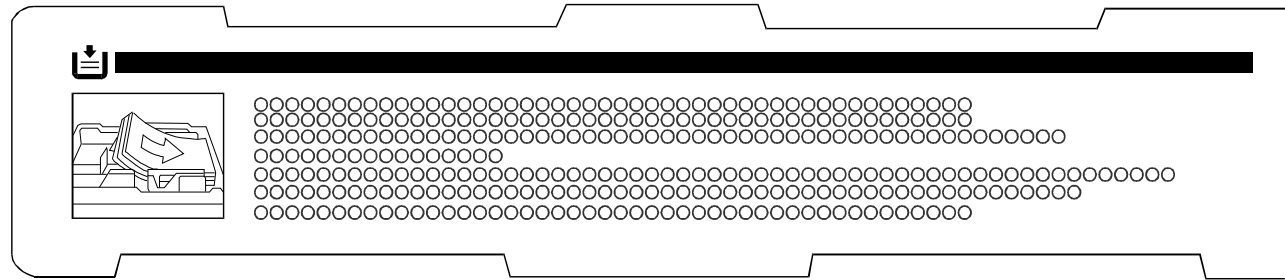
5. PAPER TRAY UNIT (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A134 2956	Paper Feed Front Cover	3
2	A549 2915	Decal - Paper Tray	3
3	AF01 6080	Front Side Fence	3
	AF01 6070	X/X MB 5	
4	A134 2976	Stopper Lever	3
5	A134 2978	Spring Plate	1
6	A134 2975	Front Side Fence Guide	3
7	AF01 7012	End Fence	3
8	A134 2986	Bottom Plate	3
9	AF01 3014	Bottom Plate Pad	3
10	A048 2838	Nylon Rivet	8
11	AF01 6081	Rear Side Fence	3
	AF01 6071	X/X MB 5	
12	A134 2984	Rear Side Fence Guide	3
13	A134 2952	Universal Tray	3
	A134 2951	O/O MB 4	
14	AB01 3868	Gear - 16Z	3
15	A134 2968	Grounding Plate	3
16	A134 2967	Bottom Lift Lever	3
17	A134 2966	Bottom Lift Shaft	3
18	A134 2953	Paper Tray MB 6 (ADDED)	1
19	A134 2960	Paper Talon MB 6 (ADDED)	1

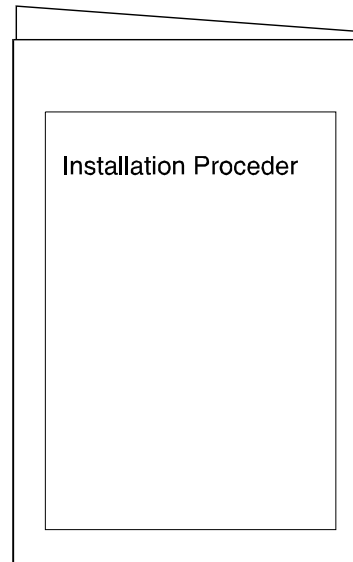
Index No.	Part No.	Description	Q'ty Per Assembly
101	0414 0082B	Binding Self Tapping Screw - M4x8	
102	0434 0060B	Philips Tapping Screw - M4x6	
103	0720 0060E	Retaining Ring - M6	
104	0344 0060F	Philips Truss Head Screw - M4x6	

6. DECAL AND DOCUMENT (A549/A550)

1



2



6. DECAL AND DOCUMENT (A549/A550)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A549 2915	Decal - Paper Tray	1
2	A549 8610	Installation Procedure	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
PAPER FEED SECTION (A549/A550)	AF03 0025	Pick-up Roller	Pick-up Feed Roller	3	5- 3
	AF03 1026	Paper Feed Roller	Paper Feed Roller	3	5- 21
	AF03 2027	Reverse Roller	Separation Roller	3	5- 25
PAPER TRAY UNIT (A549/A550)	AF01 3014	Friction Pad	Bottom Plate Pad	3	11- 9

Part No.	Description	Page and Index No.
A549 1092	Spring Plate	3- 5
A549 1098	Spacer	3- 25
A549 1111	Support Bracket	9- 6
A549 1135	Motor - Bracket	7- 18
A549 1140	Tension Brcket	7- 16
A549 1151	Drive Unit Bracket	7- 10
A549 1158	Support Plate	7- 14
A549 1227	X/X MB 2	3- 27
A549 1229	Rear Cover	3- 27
A549 1236	Rera Right Cover	3- 31
A549 1261	Left Cover	3- 3
A549 1266	Rear Upper Cover Holder	7- 1
A549 1275	Rear Cover Brcket	7- 2
A549 1276	X/O MB 2	7- 1
A549 1278	Rear Lower Cover Holder	7- 25
A549 1279	Harness Bracket	7- 4
A549 1281	Front Right Cover	3- 13
A549 1291	Lower Cover - Vertical Transport	3- 21
A549 1296	Front Upper Cover	3- 32
A549 2550	Paper Feed Bracket	3- 12
A549 2567	Drive Unit Stay	7- 9
A549 2600	Rear Side Plate - Paper Feed Unit	5- 15
A549 2606	Front Side Plate - Paper Feed Unit	5- 26
A549 2612	Reverse Drive Roller	5- 22
A549 2621	Vertical Transport Guide Plate	5- 37
A549 2631	Guide Plate - Paper Tray Feed	5- 31
A549 2642	Feed Stay	5- 16
A549 2680	Torque Limitter	5- 24
A549 2801	Guide Plate - Vertical Transport	3- 38
A549 2802	Guide Plate Pin	3- 18
A549 2809	Vertical Transport Knob	3- 15
A549 2810	Locking Pawl	3- 37
A549 2821	Lock Pin - Vertical Transport	5- 27
A549 2831	Upper Hinge	3- 24
A549 2835	Lower Hinge	3- 23

Part No.	Description	Page and Index No
A549 2842	Micro Switch Cover	3- 16
A549 2843	Switch Actuator	5- 1
A549 2845	Lock Release Knob	3- 36
A549 2851	Sound Proofing Pad	3- 34
A549 2852	Sound Proofing Pad	3- 33
A549 2861	Vertical Transport Cover	3- 6
A549 2915	Decal - Paper Tray	11- 2
A549 2915	Decal - Paper Tray	13- 1
A549 2963	Lift Slide Rail	3- 10
A549 2970	Paper Tray Lock Bracket	3- 7
A549 5100	X/O MB 1	7- 3
A549 5103	Interface Board (A549)	7- 3
A549 5105	IC - Upd78c14g-36	7- 28
A549 5225	Heater Cover	3- 1
A549 5300	Main Harness (A549)	7- 22
A549 5311	Relay Harness	7- 5
A549 5320	Sensor Relay Harness (A549)	3- 26
A549 5330	Transport Harness	5- 40
A549 6101	Front Right Bracket MB 3 (ADDED)	3- 42
A549 6102	Knob Screw MB 3 (ADDED)	3- 43
A549 6120	Left Support Bracket	3- 39
A549 6121	Right Support Bracket	3- 40
A549 8610	Installation Procedure	13- 2

Part No.	Description	Page and Index No.
AA04 3240	Timing Belt - S3m264	9- 10
AA04 3241	Timing Belt - S3M549	7- 15
AA06 0523	Pick-up Pressure Sping	5- 18
AA06 0534	Tray Lock Spring - 19mm	3- 9
AA06 0575	Release Spring	5- 32
AA06 0577	Release Spring	5- 42
AA06 0579	Spring	9- 5
AA06 0580	Spring	7- 17
AA06 0636	Pressure Spring	5- 30
AA06 3271	Spring	3- 29
AA06 3487	Spring - 10mm	5- 36
AA06 6237	Spring	3- 41
AA08 0156	Bushing - M4	5- 35
AA08 0173	Spring	3- 28
AA08 2046	Bushing - 6x12x6	5- 13
AA08 2047	Bushing - 8x16x7	5- 12
AA08 2056	Bushing - 8mm/6mm	5- 14
AA08 3009	Clutch Roller - 8x18x11	5- 7
AA14 0545	Feed Roller Shaft	5- 6
AA14 3438	Stepped Screw - M4	3- 4
AA14 5231	Joint Shaft	7- 7
AA16 1103	Cushion	7- 31
AA16 1104	Cushion - Motor	7- 29
AB01 1154	Gear - 35Z	9- 11
AB01 1155	Gear - 35Z	9- 12
AB01 1156	Gear - 24z	9- 7
AB01 1157	Gear - 35Z	9- 2
AB01 1158	Gear - 27Z	9- 3
AB01 1159	Gear - 35Z	7- 13
AB01 1160	Gear - 24Z	7- 8
AB01 3420	Gear - 18Z	5- 20
AB01 3868	Gear - 16Z	11- 14
AB03 0467	Timing Pulley - 20Z	9- 9
AB03 0468	Timing Pulley - 24Z	7- 20
AB03 0470	Timing Pulley - 30Z	7- 11

Part No.	Description	Page and Index No
AB03 0471	Timing Pulley - 30Z/35Z	7- 12
AB03 0483	Timing Pulley - 24Z	9- 8
AF01 3014	Bottom Plate Pad	11- 9
AF01 6070	X/X MB 5	11- 3
AF01 6071	X/X MB 5	11- 11
AF01 6080	Front Side Fence	11- 3
AF01 6081	Rear Side Fence	11- 11
AF01 7012	End Fence	11- 7
AF02 0324	Transport Roller - Paper Feed Unit	5- 38
AF02 0325	Driven Roller - Verticl Transport	3- 30
AF02 0329	Relay Roller	5- 34
AF03 0025	Pick-up Feed Roller	5- 3
AF03 1026	Paper Feed Roller	5- 21
AF03 2027	Separation Roller	5- 25
AH01 2013	Stopper Caster - 60kgf	3- 20
AH01 2014	Caster - 60kgf	3- 22
AW02 0070	Photointerrupter	3- 35
AW02 0075	Photointerrupter	5- 39
AW03 0037	Optical Fiber	7- 26
AW50 0012	Push Switch	7- 30
AX06 0103	Motor - DC24V 9W	7- 21
AX20 0100	Magnetic Clutch - 3.5kgf Cm 35Z	9- 4
AX20 0113	Magnetic Clutch - 8kfg-cm-bh3.5	7- 6
AX40 0065	Anti Condensation Heater - 100/115/230V 18W	3- 2

Part No.	Description	Page and Index No.
A048 2838	Nylon Rivet	7- 23
A048 2838	Nylon Rivet	11- 10
A096 6266	Tray Lock Arm	3- 8
A134 2790	Reverse Stay	5- 28
A134 2795	Pressure Lever	5- 29
A134 2811	Dc Reverse Solenoid	5- 33
A134 2811	DC Reverse Solenoid	5- 41
A134 2832	Driven Shaft Ass'y	5- 23
A134 2840	Reverse Guide Plate	5- 8
A134 2860	Pick-up Arm	5- 5
A134 2862	Paper End Sensor Feeler	5- 17
A134 2863	Paper End Sensor Lever	5- 19
A134 2866	Pick-up Solenoid	5- 11
A134 2868	Solenoid Bracket	5- 43
A134 2873	Positioning Sensor Bracket	5- 9
A134 2878	Paper End Sensor Bracket	5- 10
A134 2930	Right Slide Rail	3- 11
A134 2933	Tray Lift Motor - DC24V 0.5W	7- 24
A134 2951	O/O MB 4	11- 13
A134 2952	Universal Tray	11- 13
A134 2953	Paper Tray MB 6 (ADDED)	11- 18
A134 2956	Paper Feed Front Cover	11- 1
A134 2960	Paper Talon MB 6 (ADDED)	11- 19
A134 2966	Bottom Lift Shaft	11- 17
A134 2967	Bottom Lift Lever	11- 16
A134 2968	Grounding Plate	11- 15
A134 2975	Front Side Fence Guide	11- 6
A134 2976	Stopper Lever	11- 4
A134 2978	Spring Plate	11- 5
A134 2984	Rear Side Fence Guide	11- 12
A134 2986	Bottom Plate	11- 8
A507 1096	Philips Screw - M5x6	3- 19
A550 5100	X/O MB 1	7- 3
A550 5103	Interface Board (A550)	7- 3
A550 5300	Main Harness (A550)	7- 22

Part No.	Description	Page and Index No
A550 5320	Sensor Harness (A550)	3- 26
5053 0223	Bushing - 8mm	7- 27
5215 2621	Snap Ring - M6	7- 19
5215 2621	Snap Ring - M6	9- 1
5447 2681	Snap Ring	3- 14
5447 2681	Snap Ring	5- 2
5447 2706	Gear - 15T	5- 4

Part No.	Description	Page and Index No.
0313 0140B	Philips Pan Head Screw - M3x14	3-110
0344 0060F	Philips Truss Head Screw - M4x6	11-104
0414 0080B	Tapping Screw - M4x8	3-101
0414 0080B	Tapping Screw - M4x8	7-101
0414 0082B	Binding Self Tapping Screw - M4x8	11-101
0414 0102B	Tapping Screw M4 x 10	3-103
0434 0060B	Philips Tapping Screw - M4x6	3-102
0434 0060B	Philips Tapping Screw - M4x6	3-109
0434 0060B	Philips Tapping Screw - M4x6	5-101
0434 0060B	Philips Tapping Screw - M4x6	5-106
0434 0060B	Philips Tapping Screw - M4x6	7-105
0434 0060B	Philips Tapping Screw - M4x6	11-102
0720 0030E	Retaining Ring - M3	5-107
0720 0040E	Retaining Ring - M4	3-107
0720 0040E	Retaining Ring - M4	5-105
0720 0040E	Retaining Ring - M4	9-104
0720 0060E	Retaining Ring - M6	5-102
0720 0060E	Retaining Ring - M6	9-103
0720 0060E	Retaining Ring - M6	11-103
0740 3508	Ball Bearing -8x14x4	9-105
0802 5094	Tapping Truss Head Screw - M4x8	3-104
0805 0088	Retaining Ring - M6	5-103
0950 4008M	Screw - M4x8	7-107
1105 0195	Pcb Stud	7-110
1105 0199	Clamp	3-105
1105 0199	Clamp	5-104
1105 0199	Clamp	7-106
1105 0229	Clamp	3-111
1105 0229	Clamp	3-112
1105 0234	Clamp	7-104
1105 0291	Wire Saddle	7-102
1105 0291	Wire Saddle	9-102
1105 0310	Wire Clamp	3-106
1105 0310	Wire Clamp	7-103
1105 0415	Spacer - 12.7mm	7-109

Part No.	Description	Page and Index No
1105 0447	Clamp	9-101
1106 0366	Cord Clamp	7-111
1107 0392	Fuse - 6.3A	7-108
1204 2355	Micro Switch - AM51632A531	3- 17
1204 2355	Micro Switch - AM51632A531	3-108