



Priport Opal (C593)

PARTS CATALOG

First edition, January 2001

Ricoh Company, LTD.

Priport Opal (C593)

PARTS CATALOG

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

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Opal

(C593)

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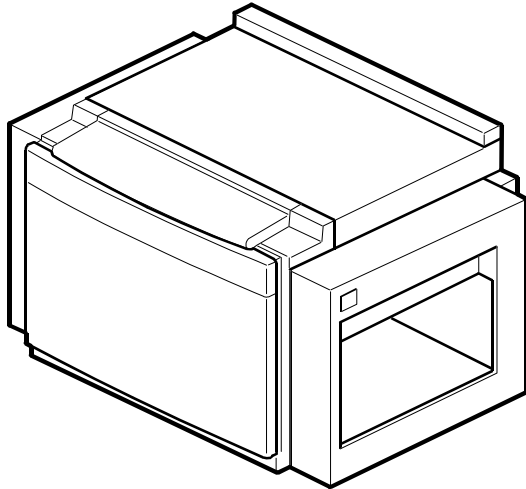
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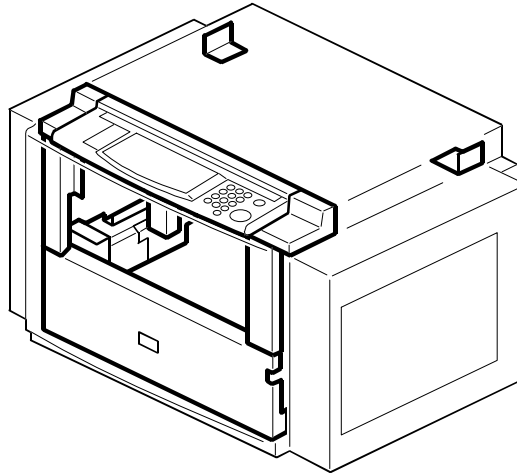
LOCATIONS OF UNITS

1. Exterior 1 (C593)



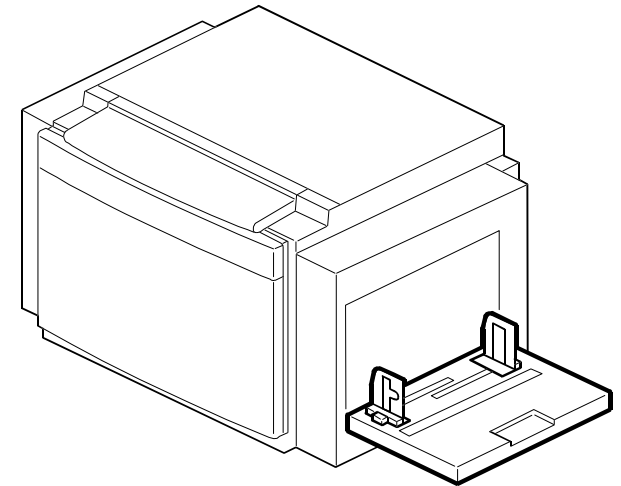
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2. Exterior 2 (C593)



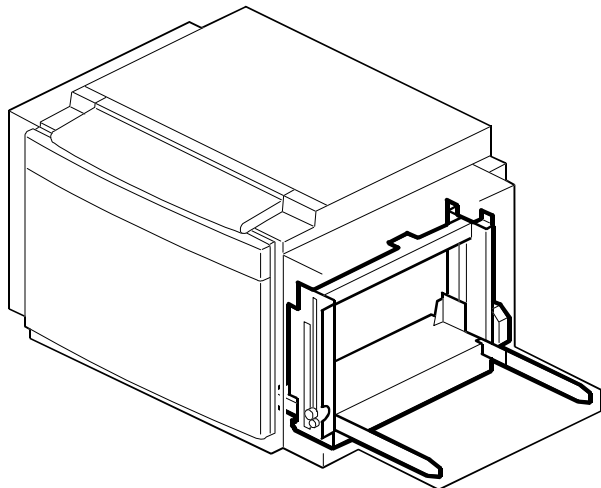
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3. Paper Feed Section 1 (C593)



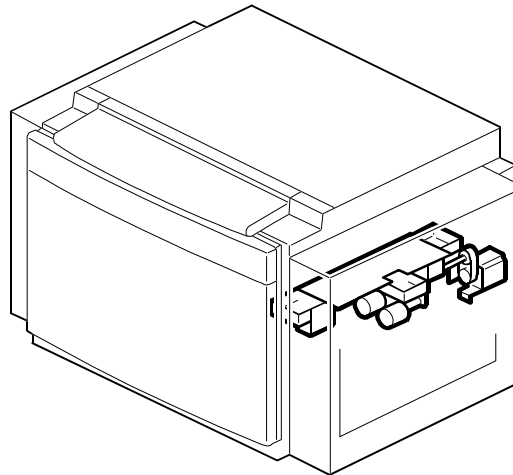
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4. Paper Feed Section 2 (C593)



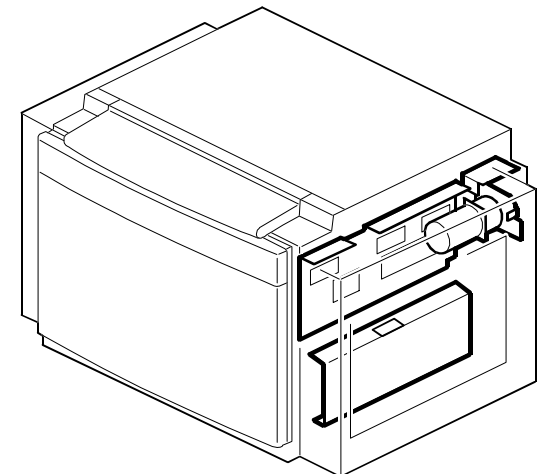
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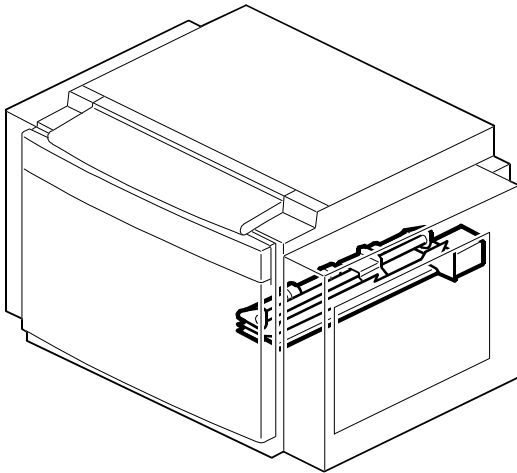
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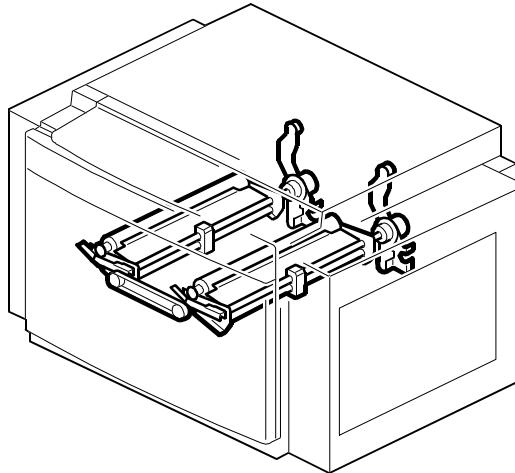
LOCATIONS OF UNITS

7. Paper Feed Section 5 (C593)



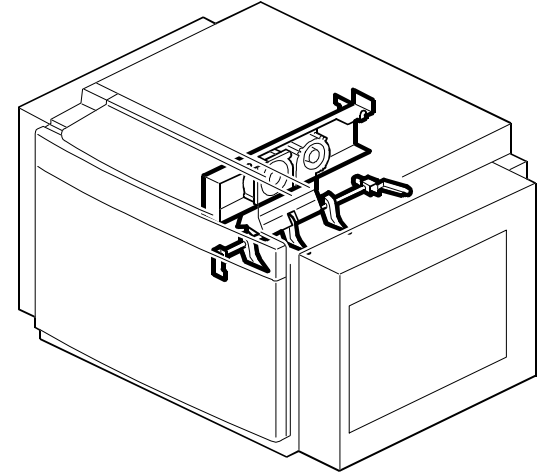
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8. Pressure Roller Section 1 (C593)



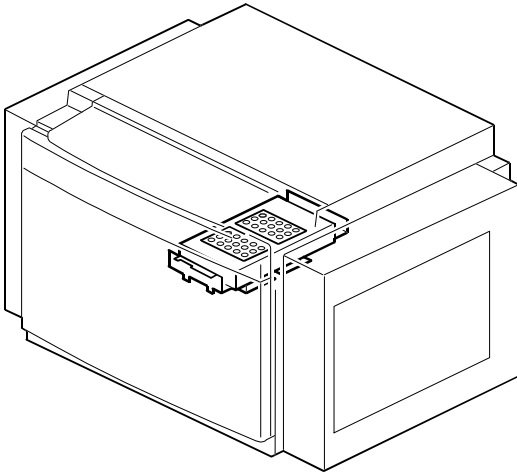
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9. Paper Transport 1 (C593)



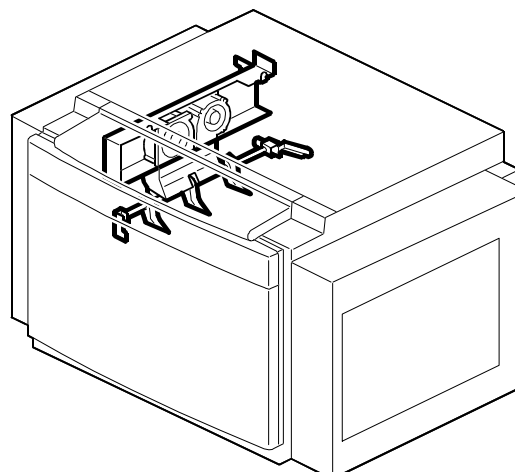
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10. Paper Transport 2 (C593)



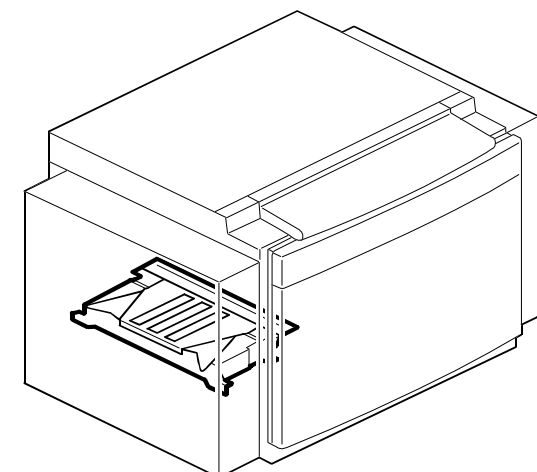
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11. Paper Exit Section 1 (C593)



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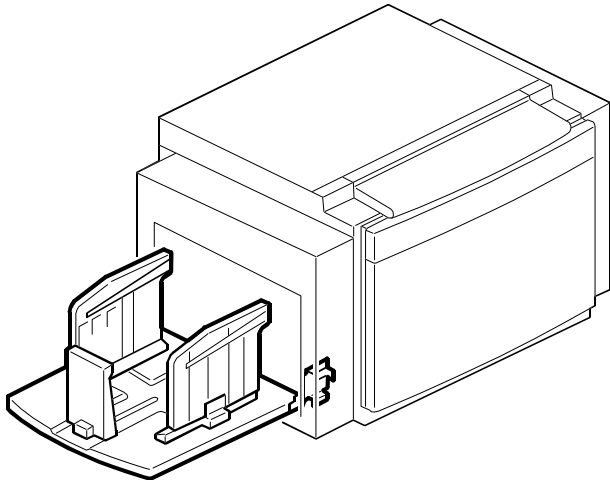
12. Paper Exit Section 2 (C593)



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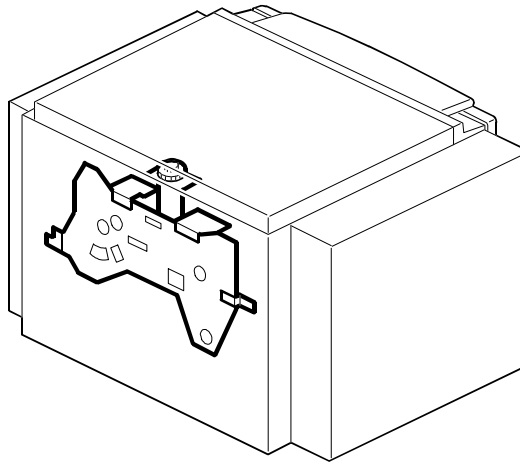
LOCATIONS OF UNITS

13. Paper Exit Section 3 (C593)



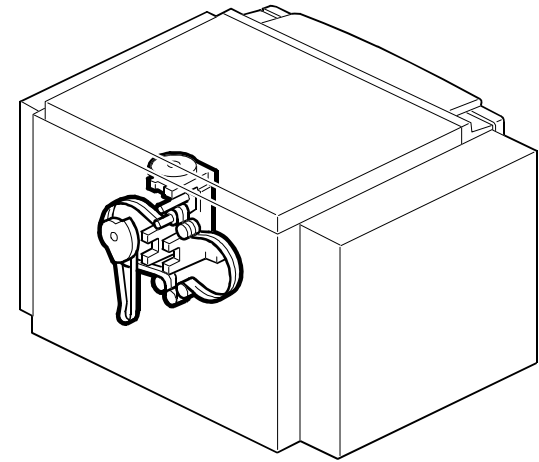
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14. Drive Section 1 (C593)



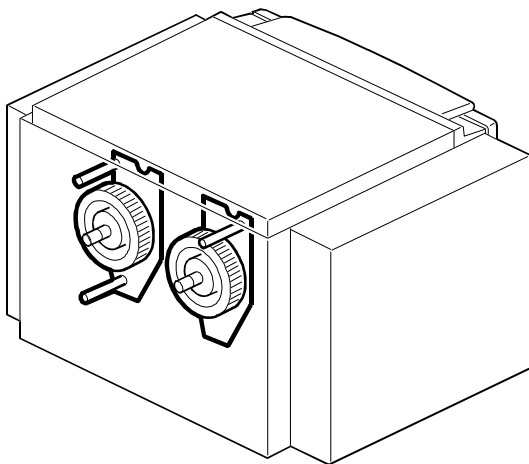
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15. Drive Section 2 (C593)



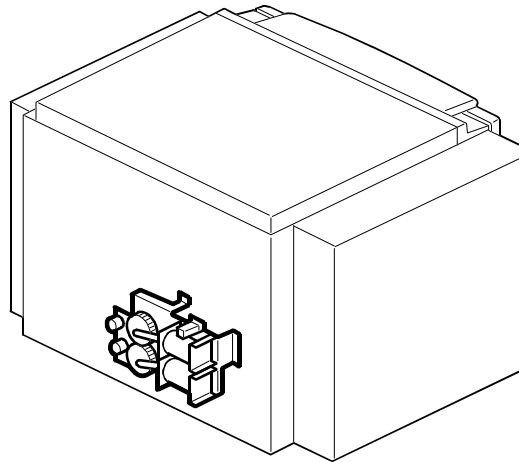
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16. Drive Section 3 (C593)



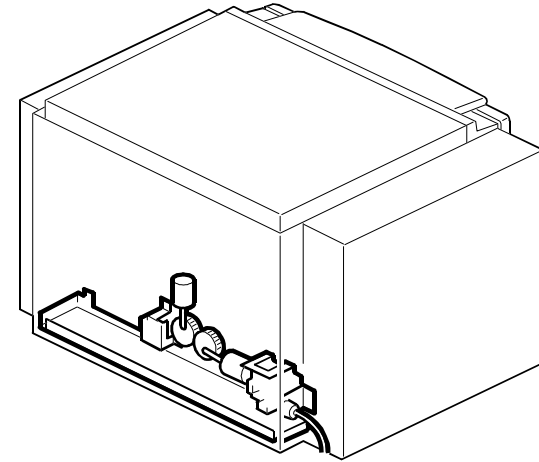
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17. Drive Section 4 (C593)



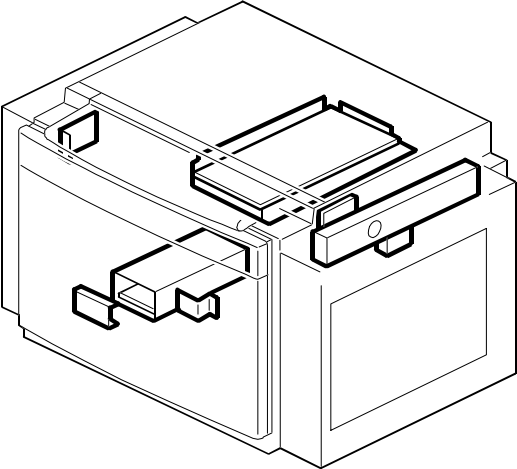
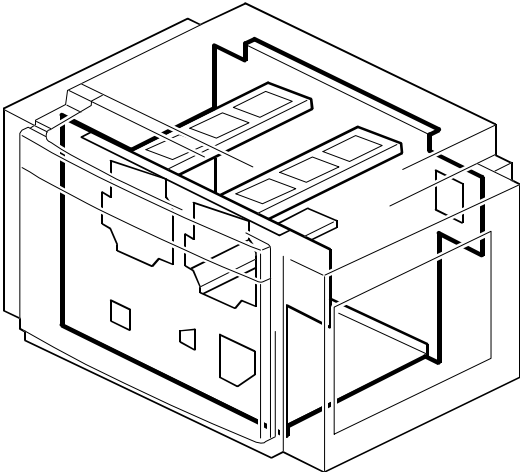
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18. Drive Section 5 (C593)

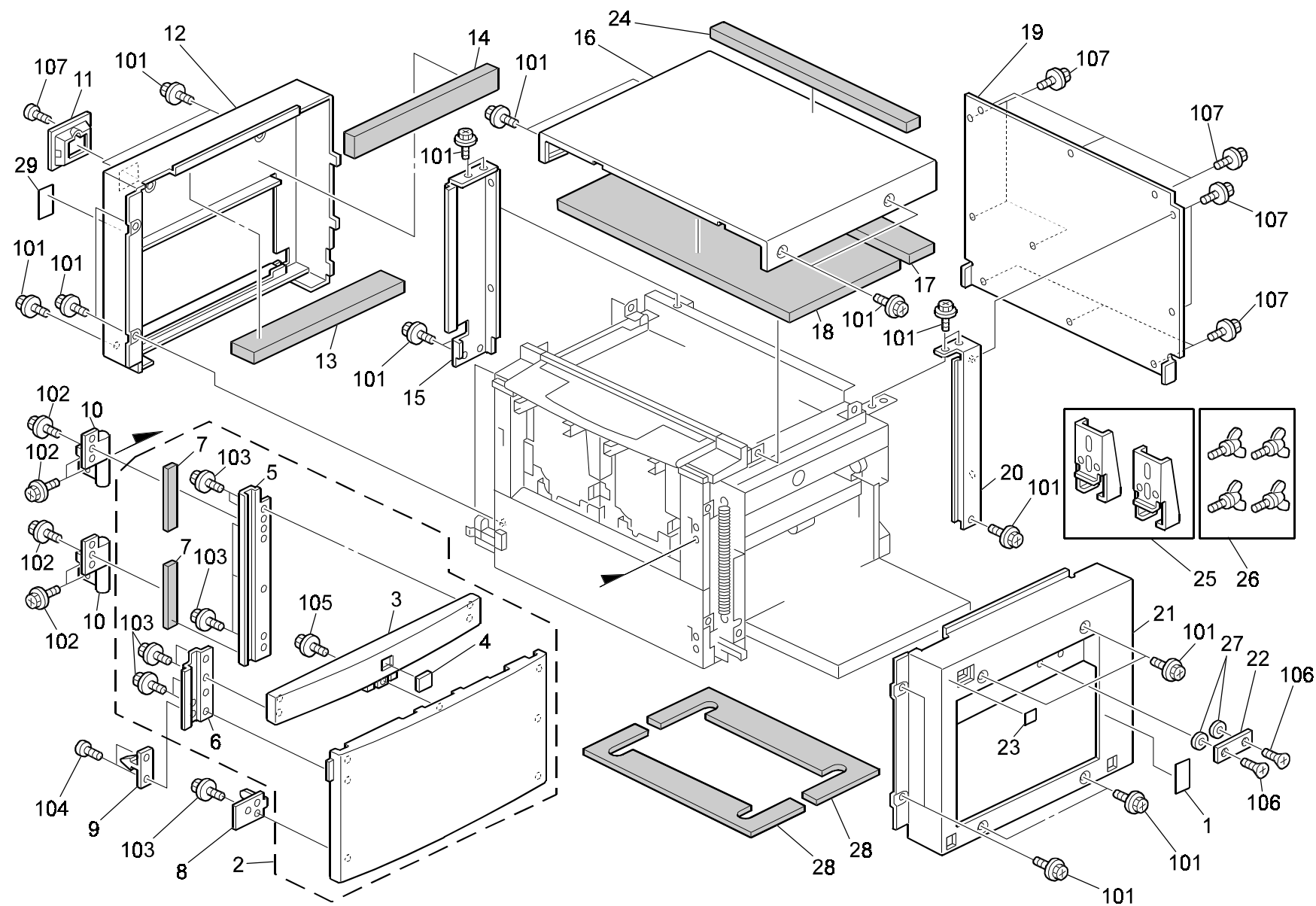


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1. Exterior 1 (C593)

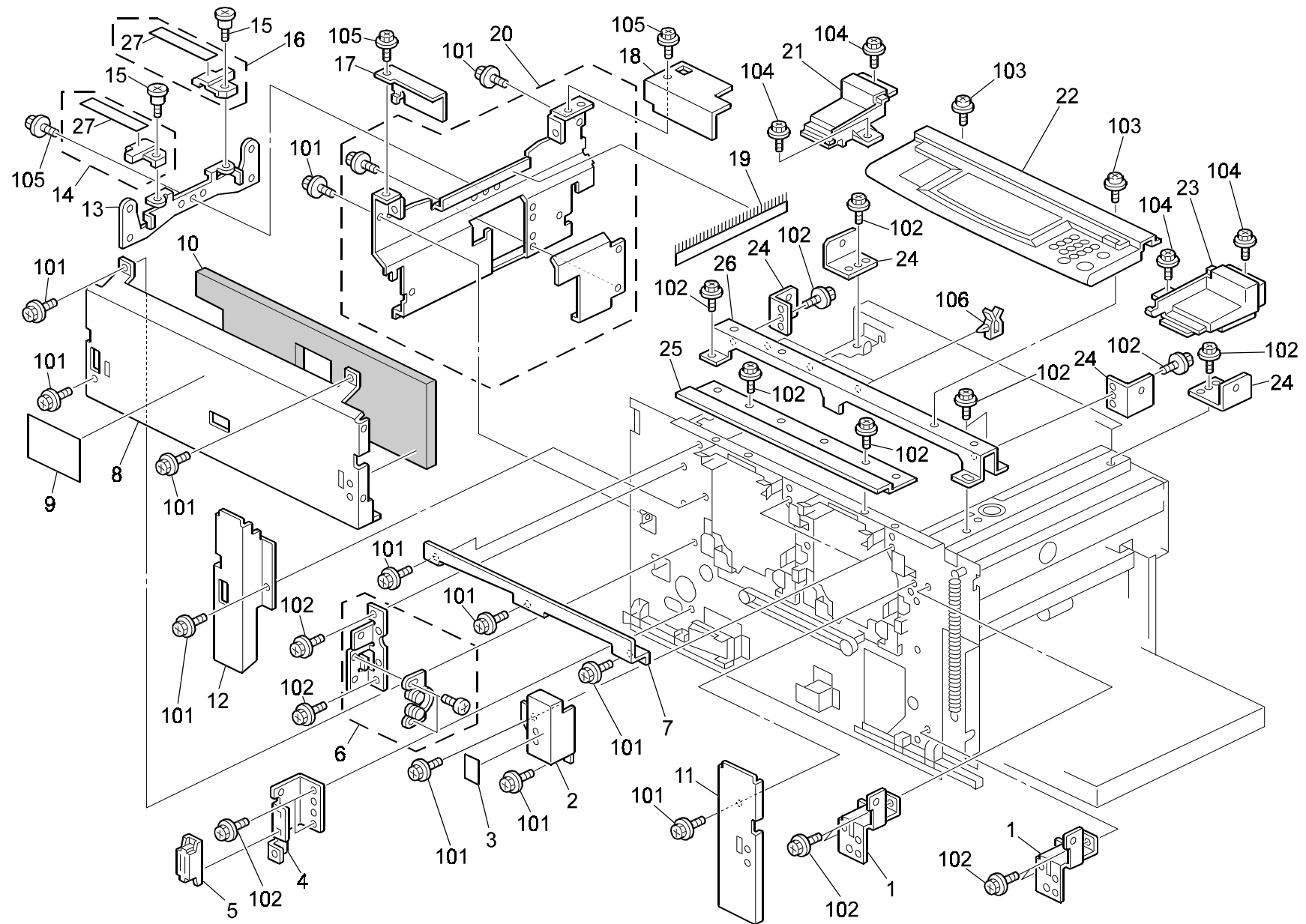


1. Exterior 1 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1356	Caution Decal	2
2	C229 1253	Door Cover Ass'y	1
3	C593 1257	Upper Door Cover	1
4	A229 7016	Support Cover	1
5	C229 1258	Door Support Plate	1
6	C229 1259	Door Catch Bracket	1
7	C229 1254	Cushion - Front Door	2
8	C593 1259	Safety Switch Bracket	1
9	A659 1272	Door Catch	1
10	C229 1260	Door Hinge Ass'y	2
11	C593 1272	Main Switch Cover	1
12	C593 1271	Left Cover	1
13	C593 1333	Upper Sound Proofing	1
14	C593 1334	Lower Sound Proofing	1
15	C593 1293	Rear Left Cover	1
16	C593 1265	Upper Cover	1
17	C593 1332	Sound Proofing Material - Upper Rear	1
18	C593 1331	Sound Proofing Material - Upper Front	1
19	C593 1291	Rear Cover	1
20	C593 1294	Rear Right Cover	1
21	C593 1280	Right Cover	1
22	C213 2435	Magnet Plate	1
23	C229 1354	Decal Paper Feed	1
24	C593 1343	Original Stopper	1
25	C218 2048	Support Bracket	2
26	C218 2050	Butterfly Bolt - M4x10	4
27	C593 1283	Magnet Catch Spacer	2
28	C593 1341	Bottom Cushion	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006H	Tapping Screw - M4x6	
102	0451 4008B	Philips Tapping Screw - M4x8	
103	0450 4008B	Tapping Screw - 4x8	
104	0453 3006B	Tapping Screw - M3x6	
105	0450 4010B	Tapping Screw - 4x10	
106	0324 0080B	Philips Sunken Head Screw - M4x8	
107	0451 3006H	Tapping Screw - 3x6	

2. Exterior 2 (C593)

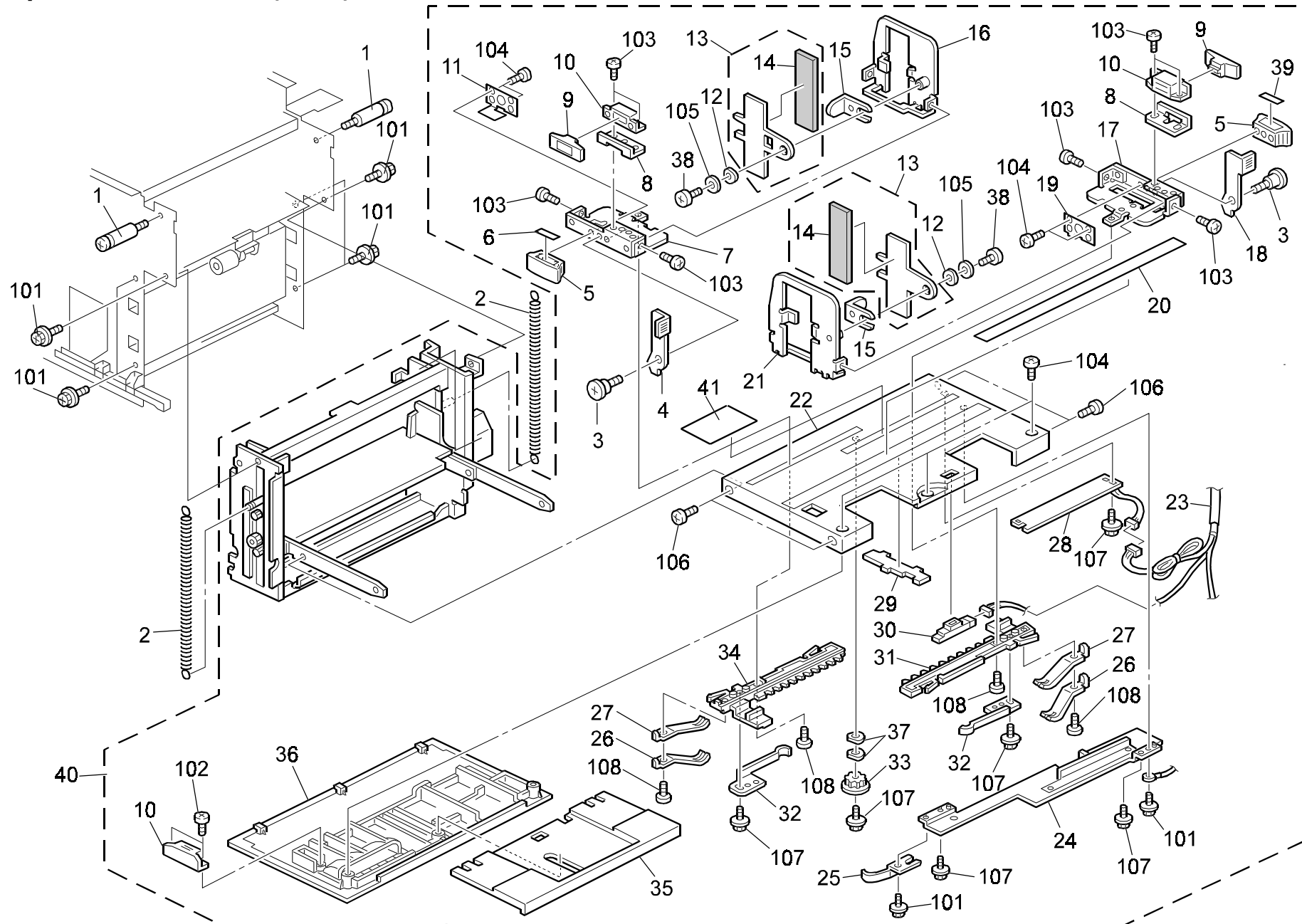


2. Exterior 2 (C593)

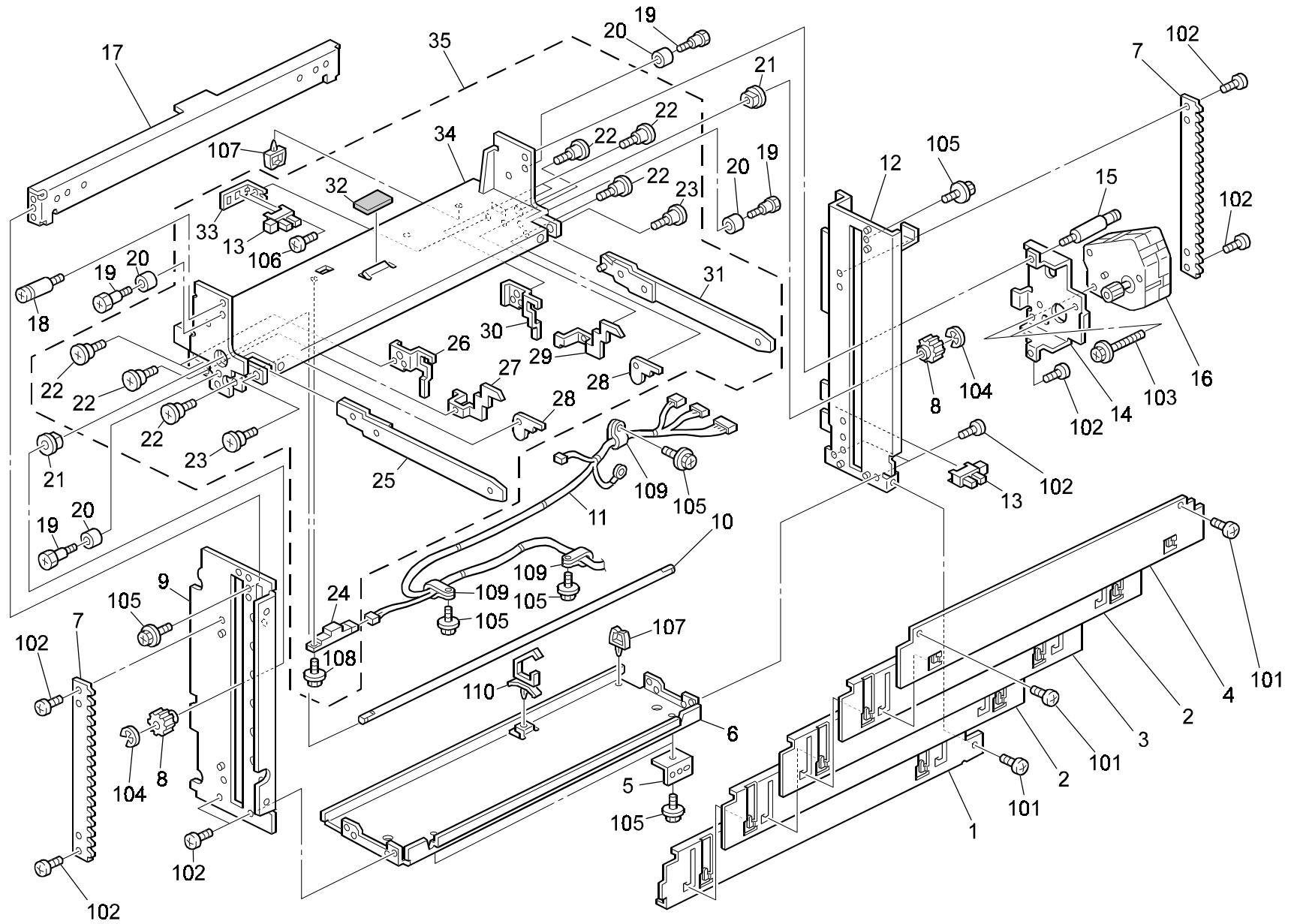
Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1313	Right Inner Cover Bracket	2
2	C593 1305	LED Cover	1
3	C593 1351	LED Decal - Take Off	1
4	C593 1312	Inner Cover Bracket - Left Lower	1
5	AG07 1010	Magnet Catch	1
6	C593 1310	Inner Cover Bracket - Left Upper	1
7	C593 1301	Upper Inner Cover	1
8	C593 1302	Lower Inner Cover	1
9	C593 1352	Decal - Pickoff Pawl	1
10	C593 1335	Sound Proofing Material - Inner Cover	1
11	C593 1304	Right Inner Cover	1
12	C593 1303	Left Inner Cover	1
13	C233 4446	Adjusting Plate	1
14	C229 4492	Front Guide	1
15	C218 2525	Stepped Screw - M4	2
16	C229 4496	Rear Guide	1
17	C229 3858	Right Support Plate	1
18	C229 3857	Left Support Plate	1
19	C233 4405	Antistatic Brush	1
20	C593 1320	Exit Drum Stay	1
21	C593 1261	Left Cover Plate	1
22	C593 1455	Operation Panel Ass'y - NA	1
22	C593 1456	Operation Panel Ass'y - EU	1
23	C593 1263	Right Cover Plate	1
24	C593 1267	Upper Cover Bracket	2
25	C593 1262	Lower Middle Cover	1
26	C593 1266	Upper Cover Stay	1
27	C229 4495	Paper Guide	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006H	Tapping Screw - M4x6	
102	0451 4006B	Tapping Screw - 4x6	
103	0951 4008W	Philips Screw With Flat Washer - M4x8	
104	0451 4008W	Tapping Screw - M4x8	
105	0451 3006H	Tapping Screw - 3x6	
106	1105 0283	Clamp	

3. Paper Feed Section 1 (C593)



4. Paper Feed Section 2 (C593)

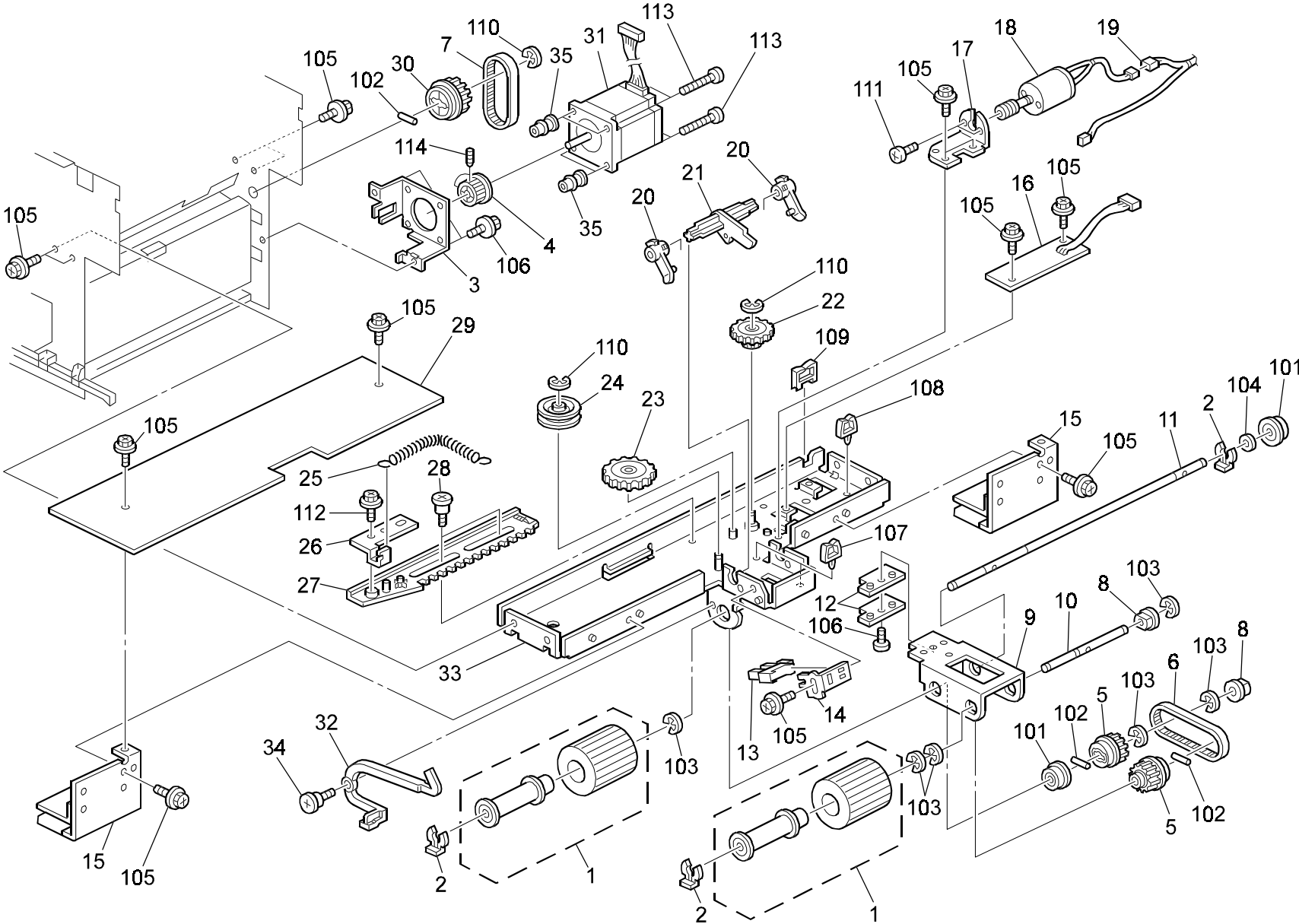


4. Paper Feed Section 2 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 2763	Lower Shield Plate	1
2	C229 2764	Lower Shield Plate A	2
3	C229 2765	Lower Shield Plate B	1
4	C229 2766	Upper Shield Plate	1
5	C593 1267	Upper Cover Bracket	2
6	C229 2757	Paper Table Lower Stay	1
7	C229 2755	Lift Up Rack - Paper Table	2
8	C229 2824	Gear - 20Z	2
9	C229 2754	Left Side Plate	1
10	C229 2823	Table Lift Shaft	1
11	C232 5236	Harness - Original Size Sensor	1
12	C229 2751	Right Side Plate	1
13	AW02 0075	Photointerruptor	2
14	C229 5730	Paper Table Motor Bracket	1
15	C229 2826	Spring Anchor - Right	1
16	C229 5814	DC Motor - 24V	1
17	C229 2758	Upper Stay - Paper Feed Unit	1
18	C229 2827	Spring Anchor - Left	1
19	C229 2829	Lift Up Shaft	4
20	5606 2310	Roller	4
21	5053 0223	Bushing - 8mm	2
22	5151 1009	Shoulder Screw - M4	8
23	5607 3927	Stepped Screw - M3x8	2
24	C229 5807	Photosensor - GP2A25	1
25	C229 2776	Left Stay - Paper Table	1
26	C229 2815	Left Adjusting Plate	1
27	C229 2817	Pressure Release Arm - Left	1
28	C229 2820	Pressure Release Plate	2
29	C229 2816	Pressure Release Arm - Right	1
30	C229 2814	Right Adjusting Plate	1
31	C229 2775	Right Stay - Paper Table	1
32	C229 2840	Pad	1
33	C229 2811	Bracket - Paper Tray Harness	1
34	C229 2807	Paper Table - Fixing	1
35	C229 2805	Paper Table Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0453 4008Z	Tapping Screw - M4x8	
102	0354 0050B	Bind Screw - M4x5	
103	0450 4025B	Tapping Screw With Washer - M4x25	
104	0720 0050Z	Retaining Ring - M5	
105	0451 4006B	Tapping Screw - 4x6	
106	0353 0040B	Screw - M3x4	
107	1105 0229	Clamp	
108	0451 3006B	Tapping Screw - M3x6	
109	1105 0005	Nylon Clamp - 3n	
110	1105 0310	Harness Clamp - LWS-1S	

5. Paper Feed Section 3 (C593)

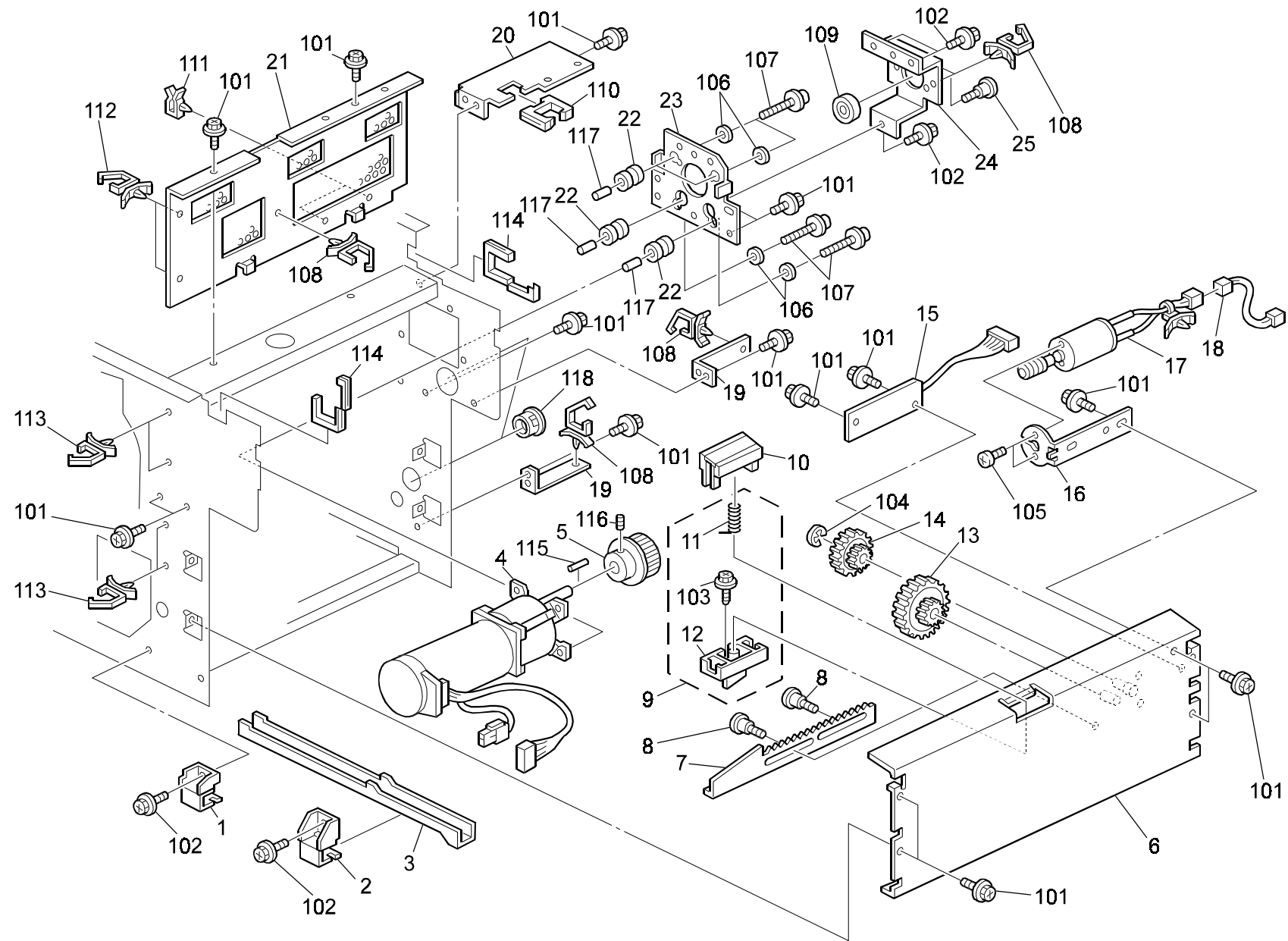


5. Paper Feed Section 3 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 2835	Paper Feed Roller Ass'y	2
2	C209 3133	Retaining Ring - M6	3
3	C236 5731	Paper Feed Motor Bracket	1
4	C229 2946	Motor Pulley	1
5	C229 2950	Feed Roller Drive Pulley	2
6	C229 2949	Timing Belt - 75-MXL-64	1
7	C229 2948	Timing Belt - 80-XL-050	1
8	5053 0223	Bushing - 8mm	2
9	C229 2833	Paper Feed Arm	1
10	C229 2838	Pick-up Roller Shaft	1
11	C229 2839	Paper Feed Roller Shaft	1
12	C229 2834	Balancer Arm	2
13	AW02 0075	Photointerruptor	1
14	C229 2866	Height Sensor Bracket	1
15	C229 2845	Paper Feed Guide Plate	2
16	C229 5157	Paper Pressure Board	1
17	C229 5732	Feed Pressure Motor Bracket	1
18	C217 8447	DC Motor - 24V/7.2W	1
19	C229 5206	Paper Pressure Harness	1
20	C229 2863	Bushing	2
21	C229 2862	Paper Pressure Lever	1
22	C229 2856	Worm Wheel Gear - 14Z/40Z	1
23	C229 2857	Gear - 14Z/42Z	1
24	C200 3712	Pulley	1
25	C229 2861	Paper Pressure Spring	1
26	C229 2860	Spring Bracket	1
27	C229 2858	Separation Control Rack	1
28	5419 5714	Stepped Screw - M4	2
29	C593 1325	Separation Plate - Paper Feed Roller	1
30	C229 2947	Drive Pulley - Paper Separation	1
31	C593 5801	Stepper Motor - Mm56*64	1
32	C229 2864	Paper Sensor Feeler	1
33	C229 2850	Paper Feed Stay	1
34	5219 1957	Stepped Screw - M4	1
35	C403 1899	Rubber Bushing - M4	4

Index No.	Part No.	Description	Q'ty Per Assembly
101	0805 3368	Ball Bearing - 8x16x5mm	
102	0633 0140G	Parallel Pin - 3x14	
103	0720 0050Z	Retaining Ring - M5	
104	0807 5037	Washer - 8.1mm	
105	0451 4006B	Tapping Screw - 4x6	
106	0354 0080B	Screw - M4x8	
107	1105 0199	Clamp	
108	1105 0230	Clamp	
109	1105 0329	Clamp - ES-0510	
110	0720 0060E	Retaining Ring - M6	
111	0353 0040B	Screw - M3x4	
112	0450 4006B	Tapping Screw - 4x6	
113	0354 0140B	Screw - M4x14	
114	0574 0040E	Hexagon Headless Set Screw - M4x4	

6. Paper Feed Section 4 (C593)

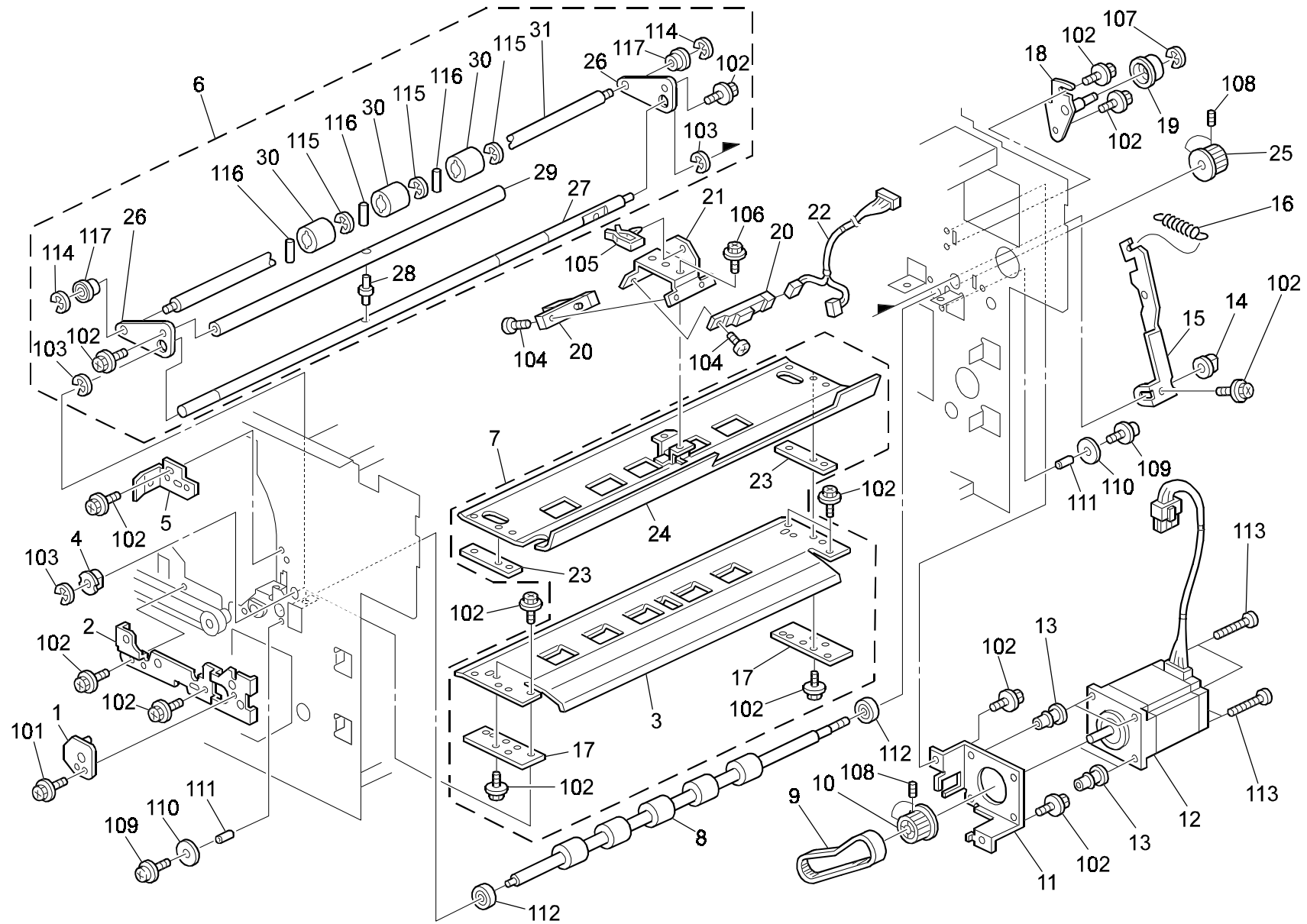


6. Paper Feed Section 4 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1074	Grip Inner Bracket	1
2	C593 1079	Grip Outer Bracket	1
3	C229 1070	Grip Plate - Long	1
4	C593 5800	Motor - DC 180W	1
5	C593 1652	Timing Pulley	1
6	C593 2871	Front Drum Stay - Paper Feed	1
7	C229 2858	Separation Control Rack	1
8	5419 5714	Stepped Screw - M4	2
9	C229 2870	Paper Pressure Lever Ass'y	1
10	C233 2883	Separation Pad Ass'y	1
11	C229 2878	Pressuer Spring	1
12	C229 2877	Paper Pressure Lever	1
13	C229 2857	Gear - 14Z/42Z	1
14	C229 2856	Worm Wheel Gear - 14Z/40Z	1
15	C229 5157	Paper Pressure Board	1
16	C229 2884	Separation Pressure Motor Bracket	1
17	C217 8447	DC Motor - 24V/7.2W	1
18	C229 5238	Separation Pressure Motor Harness	1
19	C593 5611	Bracket - Power Supply Cord	2
20	C593 1297	Upper Right Bracket - Rear Cover	1
21	C593 2970	Separation Plate - Paper Feed	1
22	C593 1740	Cushion - Main Motor	4
23	C593 1651	Motor Bracket	1
24	C593 1655	Ball Bearing Bracket	1
25	5446 3648	Stepped Screw - M4	4

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008W	Tapping Screw - M4x8	
103	0450 3006B	Tapping Screw - M3x6	
104	0720 0060E	Retaining Ring - M6	
105	0353 0040B	Screw - M3x4	
106	0807 4083	Washer 5mm	
107	0951 5025B	Screw - Polished Round - M5x25	
108	1105 0291	Harness Clamp - LWS-3S	
109	0805 3488	Ball Bearing - 12x28x8	
110	1105 0491	Edge Saddle - ES-1916	
111	1105 0283	Clamp	
112	1105 0260	Wire Saddle	
113	1105 0413	Harness Clamp	
114	1105 0321	Edge Saddle - EDS25I	
115	0930 0402G	Parallel Key - 4x4x16	
116	0575 0080E	Hexagon Headless Set Screw - M5x8	
117	0707 6140B	Bushing - 6x14mm	
118	1106 0349	Bushing - 25	

7. Paper Feed Section 5 (C593)

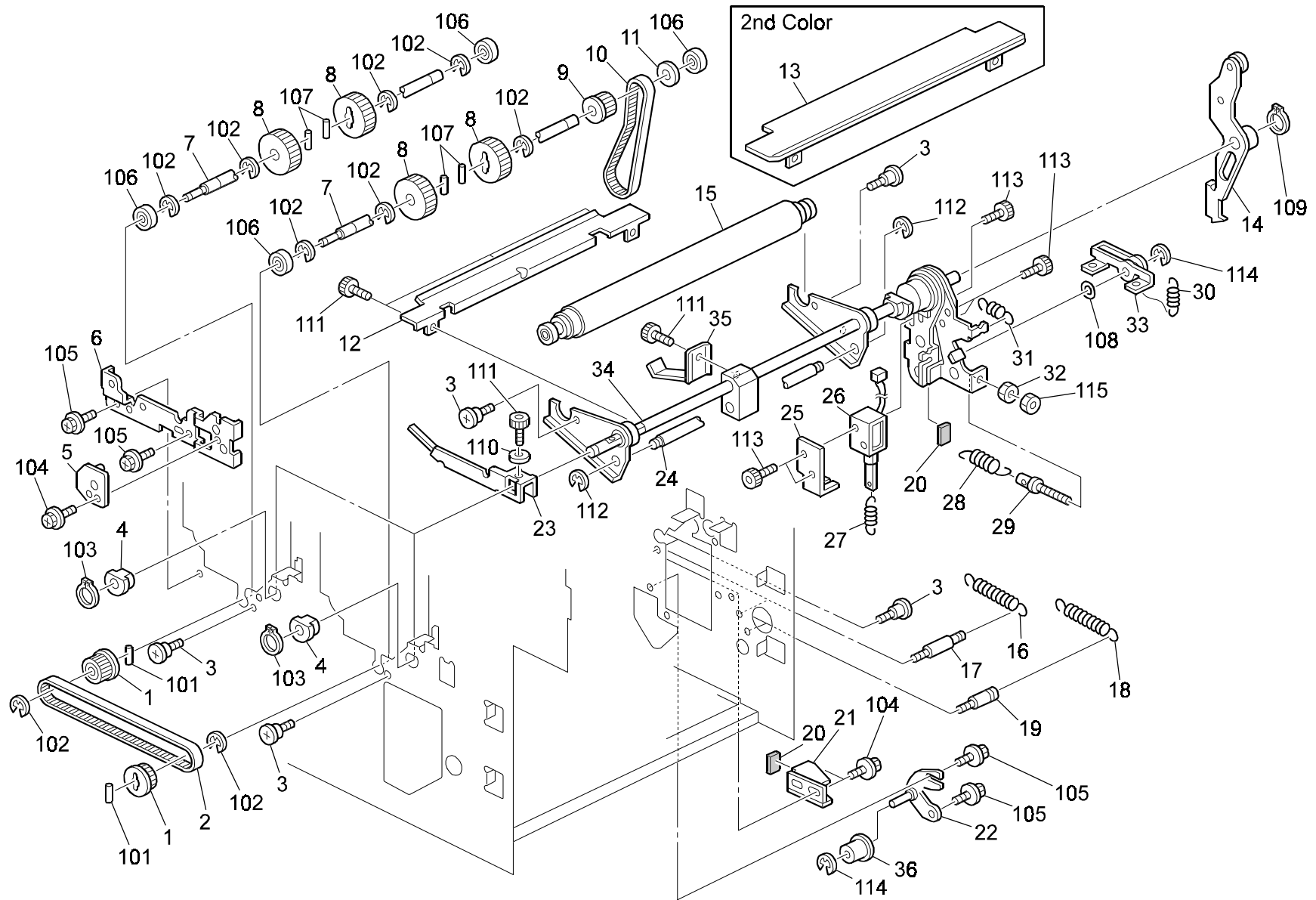


7. Paper Feed Section 5 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 2626	Drum Position Plate - Small	1
2	C593 2625	Standard Bracket	1
3	C593 2918	Lower Feed Guide Plate	1
4	5409 2871	Bushing - Separator Roller	1
5	C593 2616	Drum Pin Bracket	1
6	C593 2891	Upper Feed Roller	1
7	C593 2909	Guide Plate	1
8	C229 2906	Lower Registration Roller	1
9	C593 2948	Timing Belt - 104-XL-050	1
10	C232 2946	Pulley - 20Z	1
11	C236 5731	Paper Feed Motor Bracket	1
12	C593 5828	Stepper Motor - MM56x76	1
13	C403 1899	Rubber Bushing - M4	4
14	5053 0223	Bushing - 8mm	1
15	C593 2925	Cam Follower	1
16	C593 2901	Tension Spring - Pressure Feed Roller	1
17	C593 2917	Adjuting Guide Plate	2
18	C593 2962	Belt Tensioner - Feed Roller	1
19	C229 1145	Belt Tension Roller	1
20	C229 5807	Photosensor - GP2A25	2
21	C593 2921	Bracket - Registration Sensor	1
22	C593 5224	Harness - Connecting Leading Edge	1
23	C593 2919	Guide Plate Spacer	2
24	C593 2910	Upper Feed Guide Plate Ass'y	1
25	C229 2907	Registration Roller Pulley - 14Z	1
26	C593 2893	Upper Feed Roller Arm	2
27	C593 2900	Upper Feed Roller Swivle Shaft	1
28	C593 2766	Pin - Upper Feed Roller	1
29	C593 2898	Arm Shaft - Upper Feed Roller	1
30	C593 2896	Upper Feed Roller	3
31	C593 2895	Upper Feed Roller Shaft	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008W	Tapping Screw - M4x8	
102	0451 4006B	Tapping Screw - 4x6	
103	0720 0080E	Retaining Ring - M8	
104	0453 3006B	Tapping Screw - M3x6	
105	1105 0283	Clamp	
106	0451 3006B	Tapping Screw - M3x6	
107	0720 0060E	Retaining Ring - M6	
108	0574 0040E	Hexagon Headless Set Screw - M4x4	
109	0354 0080B	Screw - M4x8	
110	0807 3033	Washer - M4.5	
111	0707 4035B	Bushing M4x3.5	
112	0740 3008	Ball Bearing - 8x22x7	
113	0354 0140B	Screw - M4x14	
114	0720 0040E	Retaining Ring - M4	
115	0805 0085	C Ring - 10.69mm	
116	0633 0140G	Parallel Pin - 3x14	
117	0741 3706	Ball Bearing - 6x10x3	

8. Pressure Roller Section 1 (C593)

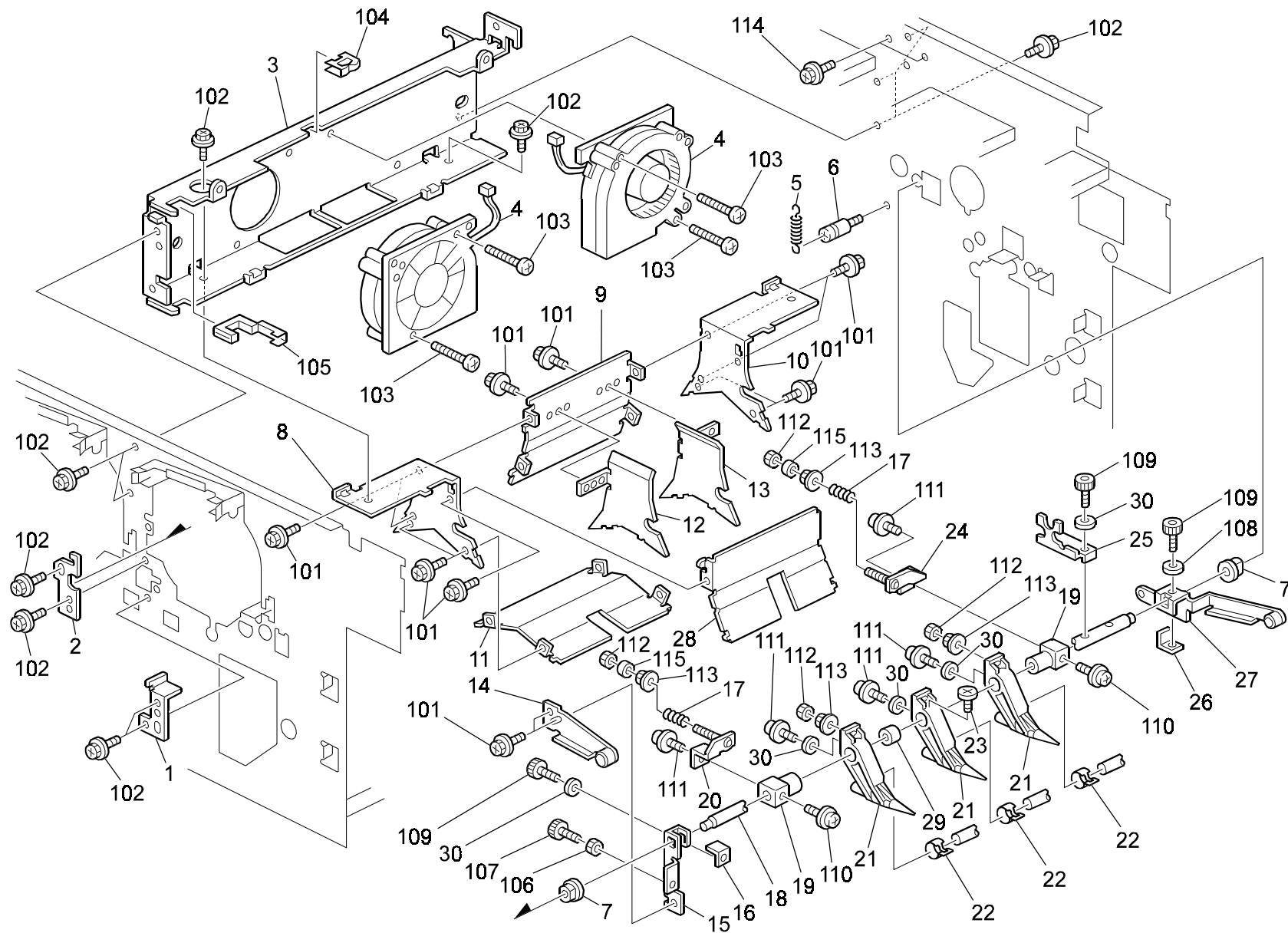


8. Pressure Roller Section 1 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	A548 2133	Timing Pulley - 24Z	2
2	C593 3103	Timing Belt - S3M552	1
3	5446 3648	Stepped Screw - M4	6
4	C200 5526	Print Pressure Bushing	2
5	C229 2626	Drum Position Plate - Small	1
6	C593 2625	Standard Bracket	1
7	C593 3101	Turn Shaft	2
8	C593 3100	Turn Roller	4
9	AB03 0311	Pulley - 18T	1
10	C593 3102	Timing Belt - S3M369	1
11	AB01 7304	Pulley - 25Z	1
12	C593 3080	Guide Plate	1
13	C593 3081	Guide Plate	1
14	C593 3053	Cam Follower	2
15	C593 3097	Pressure Roller	2
16	C593 3069	Tension Spring	2
17	C229 2826	Spring Anchor - Right	2
18	C593 3070	Tension Spring	2
19	C229 2827	Spring Anchor - Left	2
20	C218 3138	Stopper Seal	4
21	C593 3063	Pressure Stopper	2
22	C593 3108	Drive Turn Belt Tensioner Ass'y	1
23	C593 3095	Release Arm	2
24	C593 3094	Arm Shaft	2
25	C593 3065	Stopper - Control Instrumentation	2
26	C593 5803	DC Solenoid	2
27	C593 3067	Tension Spring	2
28	C593 3068	Tension Spring	2
29	C231 3126	Pressure Spring Screw	2
30	C593 3066	Tension Spring	2
31	C593 3071	Tension Spring	2
32	C231 3127	Pressure Spring Nut	2
33	C593 3058	Lever - Control Instrumentation	2
34	C593 3016	Pressure Roller Transfer Unit Ass'y	1
35	C593 3096	Tension Spring	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C229 1145	Belt Tension Roller	1
101	0632 0120G	Parallel Pin - 2x12	
102	0720 0040E	Retaining Ring - M4	
103	0725 0140E	Retaining Ring (c Type) - M14	
104	0451 4008W	Tapping Screw - M4x8	
105	0451 4006B	Tapping Screw - 4x6	
106	0740 3808	Ball Bearing - 8x16x5mm	
107	0633 0140G	Parallel Pin - 3x14	
108	0807 5044	Spacer - 8.1mm X 11.5mm X 0.2	
109	0725 0120E	Retaining Ring C - M12	
110	0701 0040Z	Flat Washer - M4	
111	0594 0060E	Socket Screw - 4x6	
112	0720 0080E	Retaining Ring - M8	
113	0593 0040B	Hexagonal Set Screw - M3x4	
114	0720 0060E	Retaining Ring - M6	
115	0710 0060Z	Hex Nut 6	

9. Paper Transport 1 (C593)

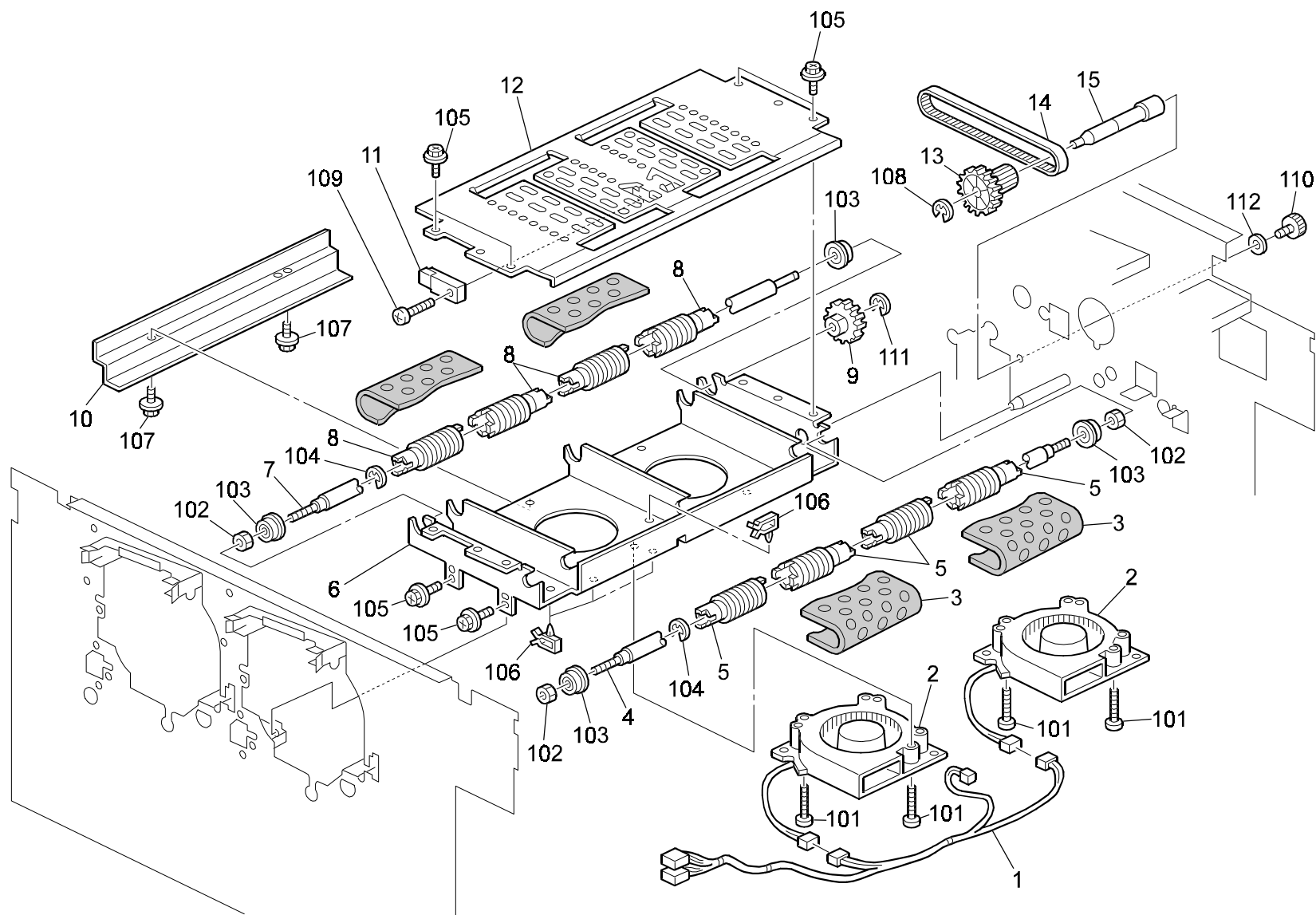


9. Paper Transport 1 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 3936	Stopper Bracket - Pickoff Pawl	1
2	C593 3917	Shaft Bracket - Pickoff Pawl	1
3	C593 3907	Fan Bracket	1
4	C593 5824	Fan - DC24V 0.9A	2
5	C593 3910	Tension Arm Spring - Pickoff Pawl	1
6	5413 2266	Spring Anchor	1
7	5053 0447	Bushing - 6mm	2
8	C593 3900	Side Plate - Front Duct	1
9	C593 3904	Left Cover	1
10	C593 3901	Side Plate - Rear Duct	1
11	C593 3903	Lower Cover	1
12	C593 3905	Front Separation Plate	1
13	C593 3906	Rear Separation Plate	1
14	C593 3914	Release Arm Ass'y - Adjusting Pin	1
15	C593 3913	Adjusting Arm Stopper - Pickoff Pawl	1
16	C593 3948	Pickoff Pawl Adjusting Arm Stopper Spacer	1
17	C593 3927	Compression Spring - Pickoff Pawl	2
18	C593 3962	Pickoff Pawl Shaft	1
19	C593 3922	Slider Sleeve - Pickoff Pawl	2
20	C593 3956	Pickoff Pawl Front Welding	1
21	C593 3920	Pickoff Pawl Ass'y	3
22	C209 4711	Hose Band	3
23	C593 3919	Stepped Screw	1
24	C593 3957	Pickoff Pawl - Rear Welding	1
25	C593 3937	Hose Guide	1
26	C593 3947	Pickoff Pawl Swivel Arm Spacer	1
27	C593 3960	Exit Pawl Arm - Drum1	1
28	C593 3902	Front Louver	1
29	C593 3926	Middle Sleeve - Pickoff Pawl	1
30	C593 3946	Pickoff Pawl Washer	5

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0451 4006B	Tapping Screw - 4x6	
103	0314 0350Z	Screw - M4x35	
104	1105 0328	Harness Clamp - ES-0505	
105	1105 0334	Edge - 17	
106	0710 0040Z	Hex Nut 4	
107	0584 0141B	Hexagonal Head Bolt - M4x14	
108	0701 0030Z	Flat Washer - M3	
109	0593 0080W	Hexagon Headless Screw - M3x8	
110	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	
111	0951 3005Z	Philips Pan Head Screw - M3x5	
112	0710 0030Z	Hex Nut 3	
113	0804 9046	Nut - M3	
114	0451 4008W	Tapping Screw - M4x8	
115	0707 3020B	Bushing M3x2	

10. Paper Transport 2 (C593)



10. Paper Transport 2 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 5222	Harness - Intermediate Transfer	1
2	C593 5824	Fan - DC24V 0.9A	2
3	C593 3861	Middle Transport Belt - 80b	2
4	C593 3854	Middle Driven Shaft	1
5	C593 3851	Middle Driven Roller	4
6	C593 3856	Transport Middle Base	1
7	C593 3852	Middle Drive Shaft	1
8	C593 3850	Middle Drive Roller	4
9	C217 4580	Gear - Doctor Roller Drive	1
10	C593 3860	Separation Plate	1
11	AW01 0076	Photosensor - PS-117D1	1
12	C593 3859	Drum Stay	1
13	C593 4054	Middle Gear Pulley - 32Z/20Z	1
14	C593 4056	Timing Belt - S3M291	1
15	C593 4055	Shaft Gear - 32Z Middle	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0314 0350Z	Screw - M4x35	
102	0710 0040B	Hexagon Nut - M4	
103	0741 3506	Ball Bearing - 6x12x4 mm	
104	0720 0070E	Retaining Ring - M7	
105	0451 4006B	Tapping Screw - 4x6	
106	1105 0283	Clamp	
107	0451 3006B	Tapping Screw - M3x6	
108	0720 0100E	Retaining Ring - M10	
109	0951 3014B	Philips Screw With Washer - M3x14	
110	0594 0080E	Bolt - M4x8	
111	0720 0040E	Retaining Ring - M4	
112	0701 0040Z	Flat Washer - M4	

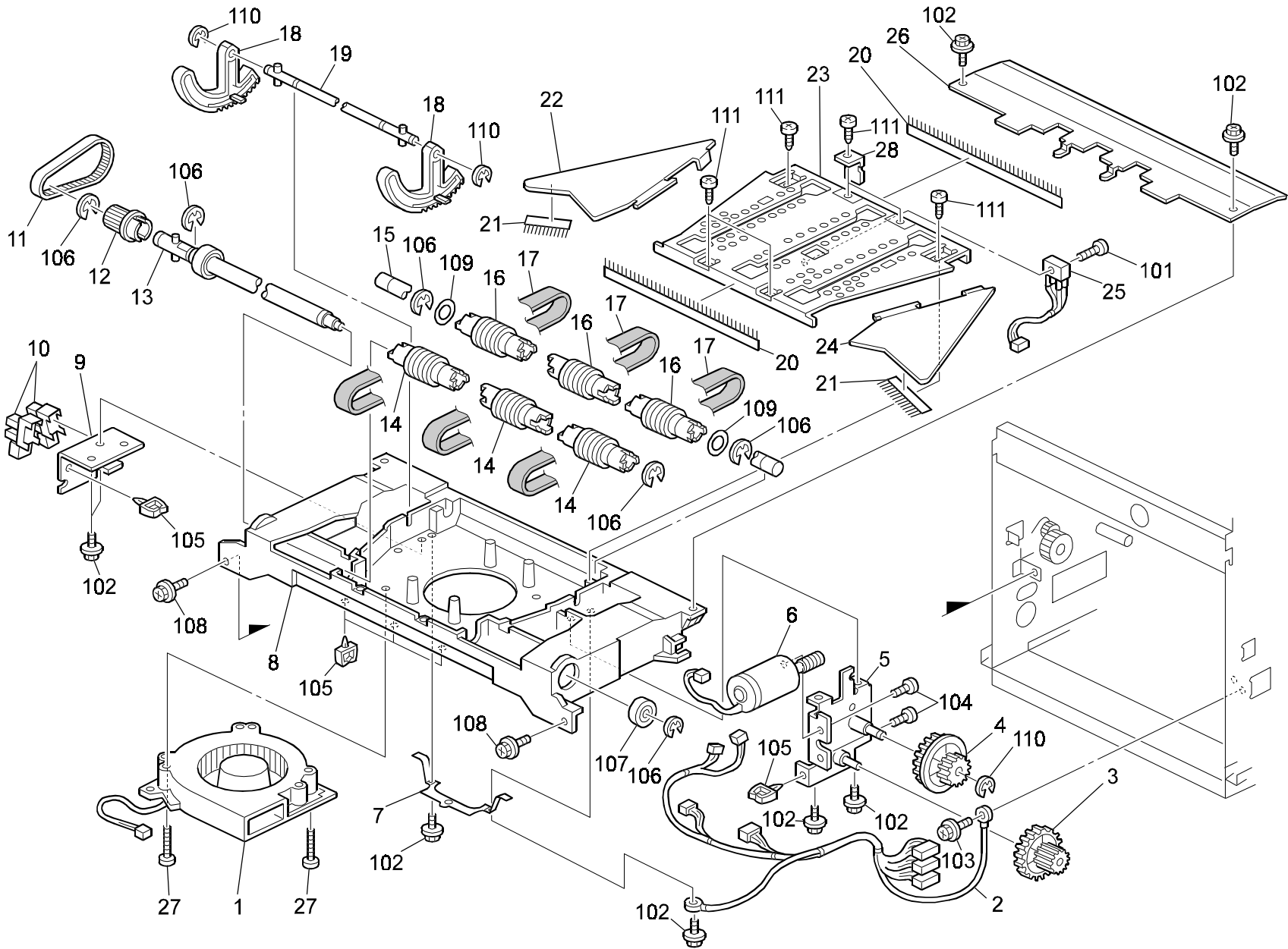
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11. Paper Exit Section 1 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 3936	Stopper Bracket - Pickoff Pawl	1
2	C593 3917	Shaft Bracket - Pickoff Pawl	1
3	C593 3907	Fan Bracket	1
4	C593 5824	Fan - D24V 0.9A	2
5	5053 0447	Bushing - 6mm	2
6	C593 3910	Tension Arm Spring - Pickoff Pawl	1
7	5413 2266	Spring Anchor	1
8	C593 4080	Front Side Plate - Duct	1
9	C593 4083	Left Cover	1
10	C593 4081	Rear Side Plate - Duct	1
11	C593 4082	Front Louver	1
12	C593 4084	Front Separation Plate	1
13	C593 4085	Rear Separation Plate	1
14	C593 3914	Release Arm Ass'y - Adjusting Pin	1
15	C593 3913	Adjusting Arm Stopper - Pickoff Pawl	1
16	C593 3948	Pickoff Pawl Adjusting Arm Stopper Spacer	1
17	C593 3962	Pickoff Pawl Shaft	1
18	C593 3922	Slider Sleeve - Pickoff Pawl	2
19	C593 3927	Compression Spring - Pickoff Pawl	2
20	C593 3956	Pickoff Pawl Front Welding	1
21	C593 3920	Pickoff Pawl Ass'y	3
22	C593 3919	Stepped Screw	1
23	C593 3957	Pickoff Pawl - Rear Welding	1
24	C593 3937	Hose Guide	1
25	C593 3947	Pickoff Pawl Swivel Arm Spacer	1
26	C593 3961	Exit Pawl Arm - Drum2	1
27	C209 4711	Hose Band	3
28	C593 3926	Middle Sleeve - Pickoff Pawl	1
29	C593 3946	Pickoff Pawl Washer	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	1105 0328	Harness Clamp - ES-0505	
103	0314 0350Z	Screw - M4x35	
104	0451 3006B	Tapping Screw - M3x6	
105	0584 0141B	Hexagonal Head Bolt - M4x14	
106	0710 0040Z	Hex Nut 4	
107	0701 0030Z	Flat Washer - M3	
108	0951 3005Z	Philips Pan Head Screw - M3x5	
109	0593 0080W	Hexagon Headless Screw - M3x8	
110	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	
111	0710 0030Z	Hex Nut 3	
112	0804 9046	Nut - M3	
113	0707 3020B	Bushing M3x2	

12. Paper Exit Section 2 (C593)

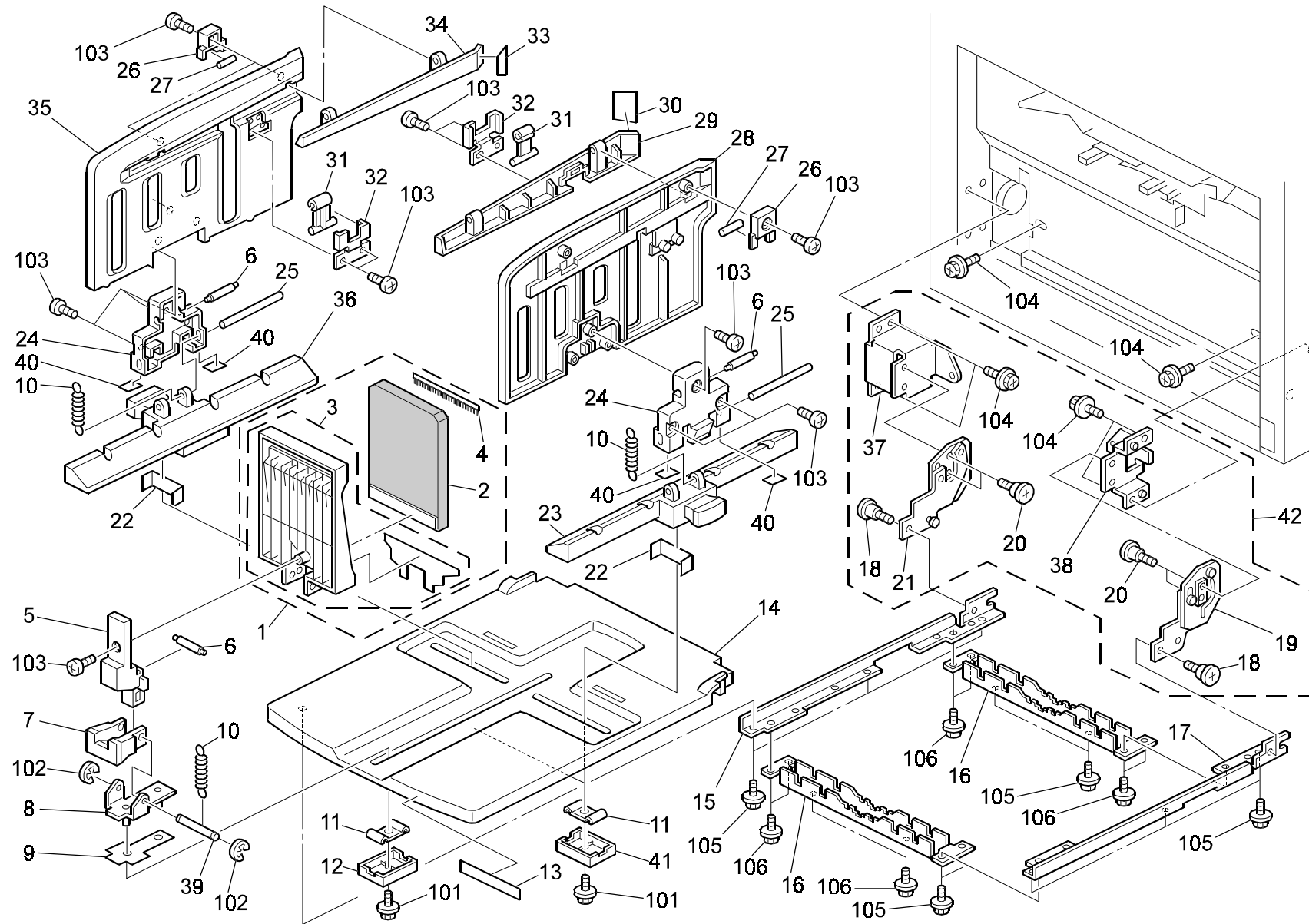


12. Paper Exit Section 2 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 5824	Fan - DC24V 0.9A	1
2	C593 5225	Vacuum Fan Harness	1
3	C229 3145	Worm Wheel - 50Z/16Z	1
4	C229 3911	Gear - 25Z/51Z	1
5	C229 3913	Motor Bracket	1
6	C229 5804	DC Motor - 20W	1
7	C593 4112	Grounding Plate	1
8	C593 4102	Transport Belt Case	1
9	C593 4108	Wing Position Sensor Bracket	1
10	AW02 0075	Photointerruptor	2
11	C229 1139	Timing Belt - S2M190	1
12	C229 3872	Timing Pulley	1
13	C229 3875	Transport Belt Drive Shaft	1
14	C593 4105	Center Roller - Delivery Table	3
15	C593 4103	Transport Belt Shaft	1
16	C593 4104	Transport Belt Roller	3
17	C229 3874	Transport Belt	3
18	C229 3912	Vacuum Plate Guide Arm	2
19	C593 4109	Transport Belt Drive Shaft	1
20	C593 4101	Antistatic Brush	2
21	C233 3902	Discharge Brush - Adjusting Plate	2
22	C593 4107	Rear Vacuum Plate	1
23	C593 4100	Vacuum Plate	1
24	C593 4106	Front Vacuum Plate	1
25	C229 5825	Master Sensor	1
26	C593 4070	Exit Pawl	1
27	C593 4111	Tapping Screw	2
28	C593 4113	Granding Plate	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0252 0080Z	Philips Pan Head Screw - M2x8	
102	0450 4008B	Tapping Screw - 4x8	
103	0451 4006B	Tapping Screw - 4x6	
104	0353 0040B	Screw - M3x4	
105	1105 0229	Clamp	
106	0720 0080E	Retaining Ring - M8	
107	0740 3010	Ball Bearing - 10x26x8mm	
108	0451 4008W	Tapping Screw - M4x8	
109	0807 7013	Spacer - 10.2x14x0.2 MM	
110	0720 0040E	Retaining Ring - M4	
111	0452 3006B	Tapping Screw - M3x6	

13. Paper Exit Section 3 (C593)

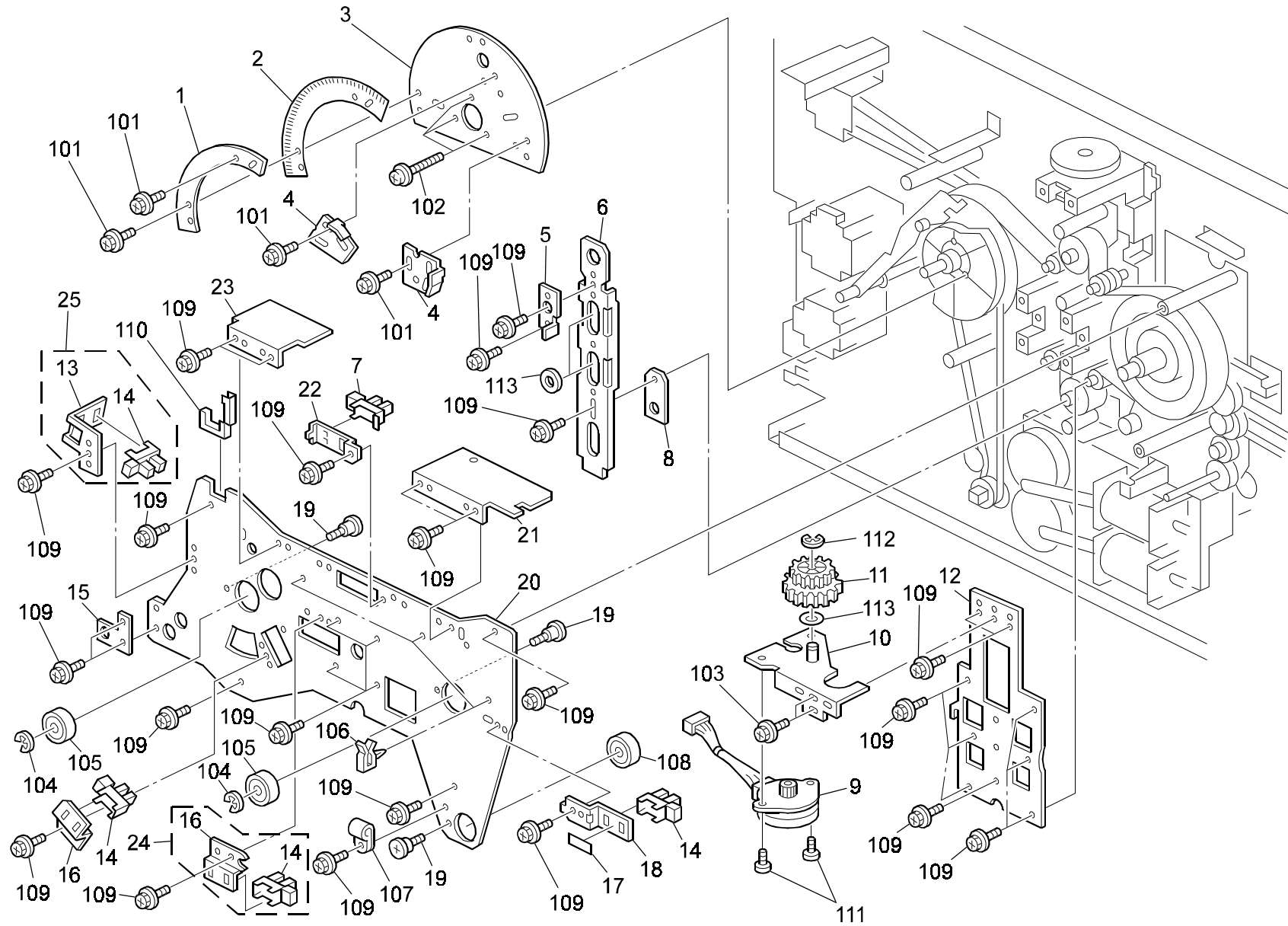


13. Paper Exit Section 3 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C233 4419	End Plate Ass'y	1
2	C229 4376	End Fence Cushion	1
3	C233 4420	End Fence - Sub Ass'y	1
4	C233 4430	Antistatic Brush	1
5	C233 4422	End Fence Case - Paper Exit	1
6	C231 4415	Upper Side Fence Pin	3
7	C231 4408	Side Fence Grip	1
8	C231 4410	End Plate Bracket	1
9	C231 4425	End Plate Sheet	1
10	C231 4413	Delivery Table Spring	3
11	C231 4420	Slider Spring Plate	3
12	C231 4421	Slider Cover	1
13	C231 4196	Decal - Exit Open And Close	1
14	C233 4390	Paper Exit Base	1
15	C233 4400	Delivery Table Rear Stay	1
16	C231 4409	Support Plate	2
17	C233 4399	Delivery Table Front Stay	1
18	C217 4426	Shoulder Screw	2
19	C233 4431	Remover/Install - Exit Front	1
20	C231 4438	Stepped Screw	4
21	C233 4432	Remover/Install - Exit Rear	1
22	C233 4409	Base Spacer - Paper Exit Sub-unit	2
23	C233 4391	Front Lower Guide	1
24	C233 4413	Side Fence Case - Paper Exit	2
25	C233 4414	Pin - Lower Side Fence	2
26	C233 4417	Guide Plate Upper Stopper	4
27	C227 6156	Upper Guide Shaft	4
28	C233 4411	Front Side Fence - Paper Exit	1
29	C233 4415	Exit Guide Plate - Front Upper	1
30	C233 4426	Front Exit Guide	1
31	C233 4425	Link Guide	2
32	C233 4418	Link Spring Plate	2
33	C233 4427	Rear Exit Guide	1
34	C233 4416	Exit Guide Plate - Rear Upper	1
35	C233 4412	Rear Side Fence - Paper Exit Sub Unit	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C233 4392	Rear Lower Guide	1
37	C233 4442	Rear Bracket - Exit Table	1
38	C233 4441	Front Bracket - Exit Table	1
39	C233 4424	Pin - Lower End Fence	1
40	C593 4201	Side Fence Spacer Shield	4
41	C233 4410	Slide Cover - Paper Exit	1
42	C233 1011	Paper Delivery Hinge Ass'y	1
101	0451 3008B	Tapping Screw - M3x8	
102	0720 0030Z	Retaining Ring - M3	
103	0452 3008H	Binding Self-tapping Screw - 3x8	
104	0451 4006H	Tapping Screw - M4x6	
105	0450 4008B	Tapping Screw - 4x8	
106	0451 4006B	Tapping Screw - 4x6	

14. Drive Section 1 (C593)

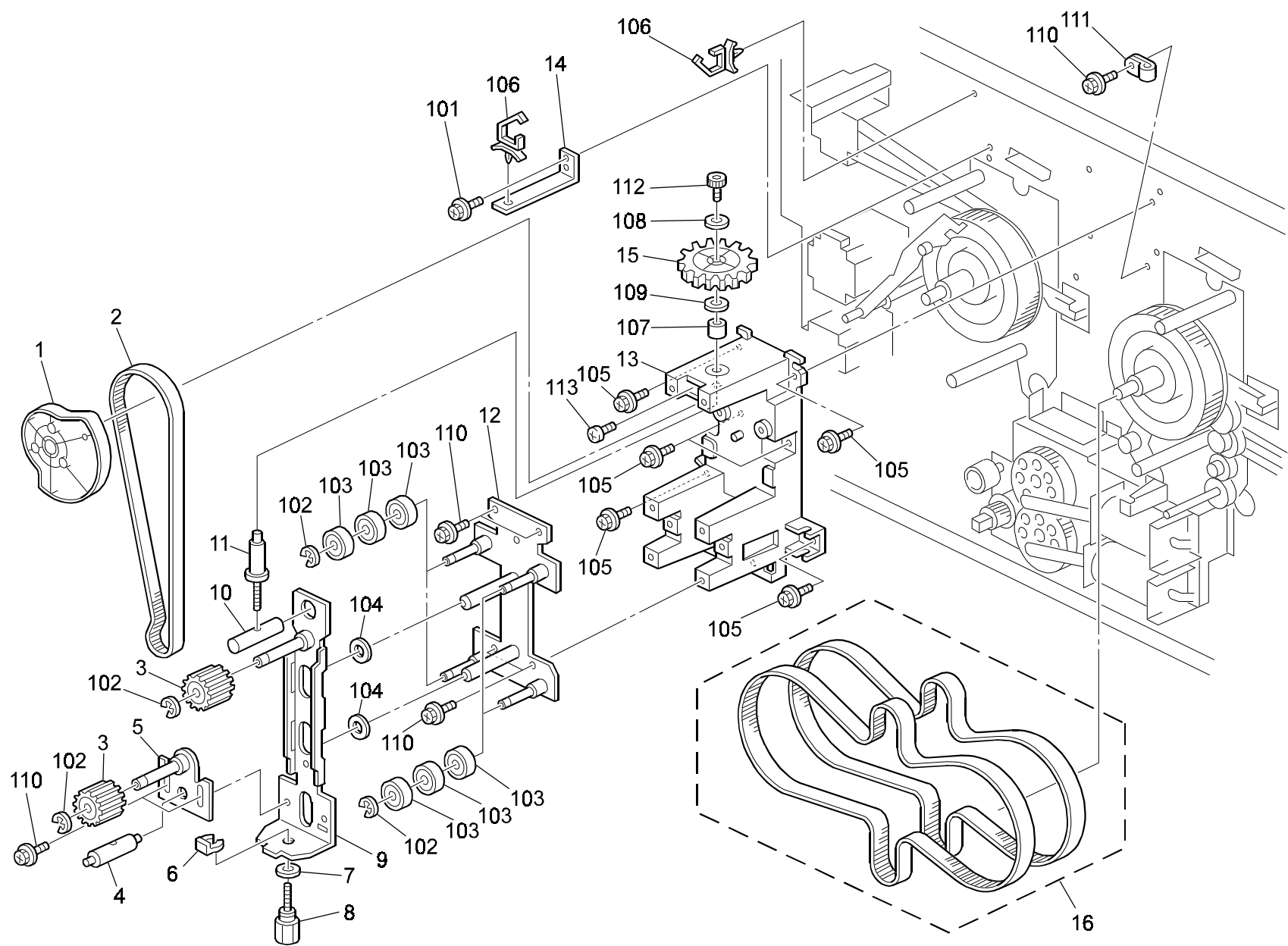


14. Drive Section 1 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 3094	Encoder Holder	1
2	C229 3093	Encoder	1
3	C593 1681	Encoder Disc Base	1
4	C593 1682	Sensor Shielding Plate	2
5	C593 1730	Shielding Plate - H.P Sensor	1
6	C593 1729	Front Bracket - Phase Control	1
7	AW02 0021	Photointerruptor - 175487-3	1
8	C593 1724	Front Bracket	1
9	H521 5010	Scanner Motor - ADF	1
10	C593 1732	Bracket - Drive Sub-unit	1
11	H521 1282	Joint Gear	1
12	C593 1731	Phase Control Stay	1
13	C593 1691	Feed Encoder Bracket	1
14	AW02 0075	Photointerruptor	4
15	C593 2924	Guide Plate	1
16	C593 1688	Take Off Sensor Bracket	2
17	H522 1100	Sensor Guide	1
18	C217 5147	Sensor Bracket - Left	1
19	5446 3648	Stepped Screw - M4	3
20	C593 1692	Side Plate	1
21	C593 1736	Cover No.2	1
22	C219 2306	Drum Sensor Bracket	1
23	C593 1735	Cover No.1	1
24	C593 1687	Positioning Sensor	1
25	C593 1690	Positioning Sensor	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006B	Tapping Screw - M3x6	
102	0951 4025Z	Screw - M4x25	
103	0451 4006B	Tapping Screw - 4x6	
104	0720 0100E	Retaining Ring - M10	
105	0805 3488	Ball Bearing - 12x28x8	
106	1105 0283	Clamp	
107	1105 0010	Nylon Clamp - 6n	
108	0740 3008	Ball Bearing - 8x22x7	
109	0451 4008W	Tapping Screw - M4x8	
110	1105 0334	Edge - 17	
111	0453 3006B	Tapping Screw - M3x6	
112	0720 0040E	Retaining Ring - M4	
113	0807 7039	Spacer - M12	

15. Drive Section 2 (C593)

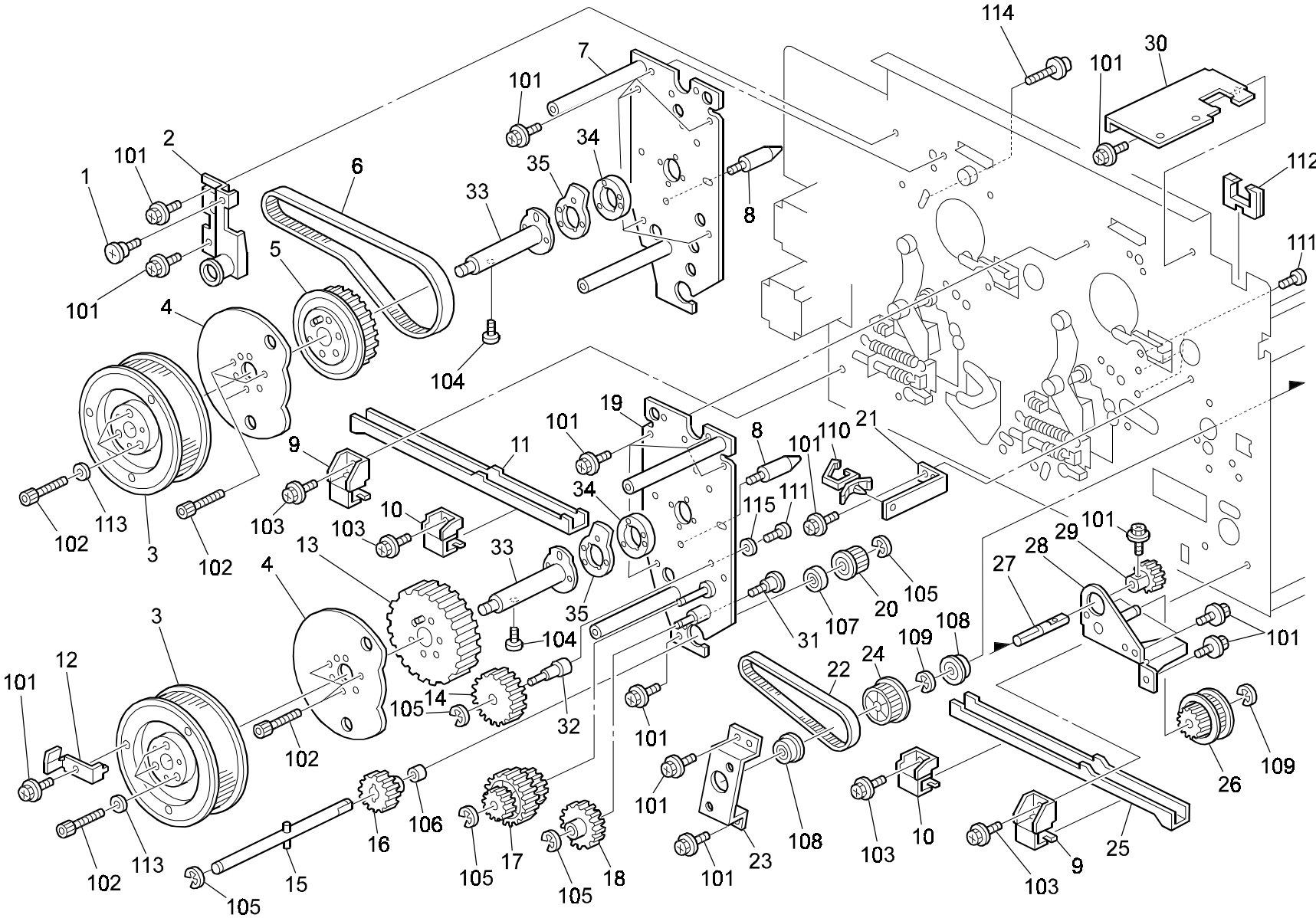


15. Drive Section 2 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1683	Feed Roller Cam	1
2	C593 3888	Timing Belt - S5M700	1
3	C593 1719	Timing Pulley - S3MY	2
4	C593 1726	Belt Tension Stay	1
5	C593 1721	Tension Ass'y	1
6	5215 2621	Snap Ring - M6	1
7	AA13 2013	Spacer	1
8	C593 1727	Adjusting Screw	1
9	C593 1716	Base Bracket - Phase Control	1
10	C593 1725	Adjusting Nut	1
11	C593 1703	Adjusting Screw - Phase Control	1
12	C593 1712	Phase Control Base	1
13	C593 1704	Phase Control Frame	1
14	C593 5661	Harness Bracket	1
15	C217 3684	Gear - Pressure Plate	1
16	C593 1728	Timing Belt - 250S3M1080UK	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0720 0080E	Retaining Ring - M8	
103	0740 3010	Ball Bearing - 10x26x8mm	
104	0807 7039	Spacer - M12	
105	0451 4010B	Tapping Screw - 4x10	
106	1105 0291	Harness Clamp - LWS-3S	
107	0707 8080B	Bushing - 8x8mm	
108	0807 2034	Washer - M3.5	
109	0701 0060Z	Flat Washer - M6	
110	0451 4008W	Tapping Screw - M4x8	
111	1105 0008	Nylon Clamp - 2n	
112	0593 0080W	Hexagon Headless Screw - M3x8	

16. Drive Section 3 (C593)

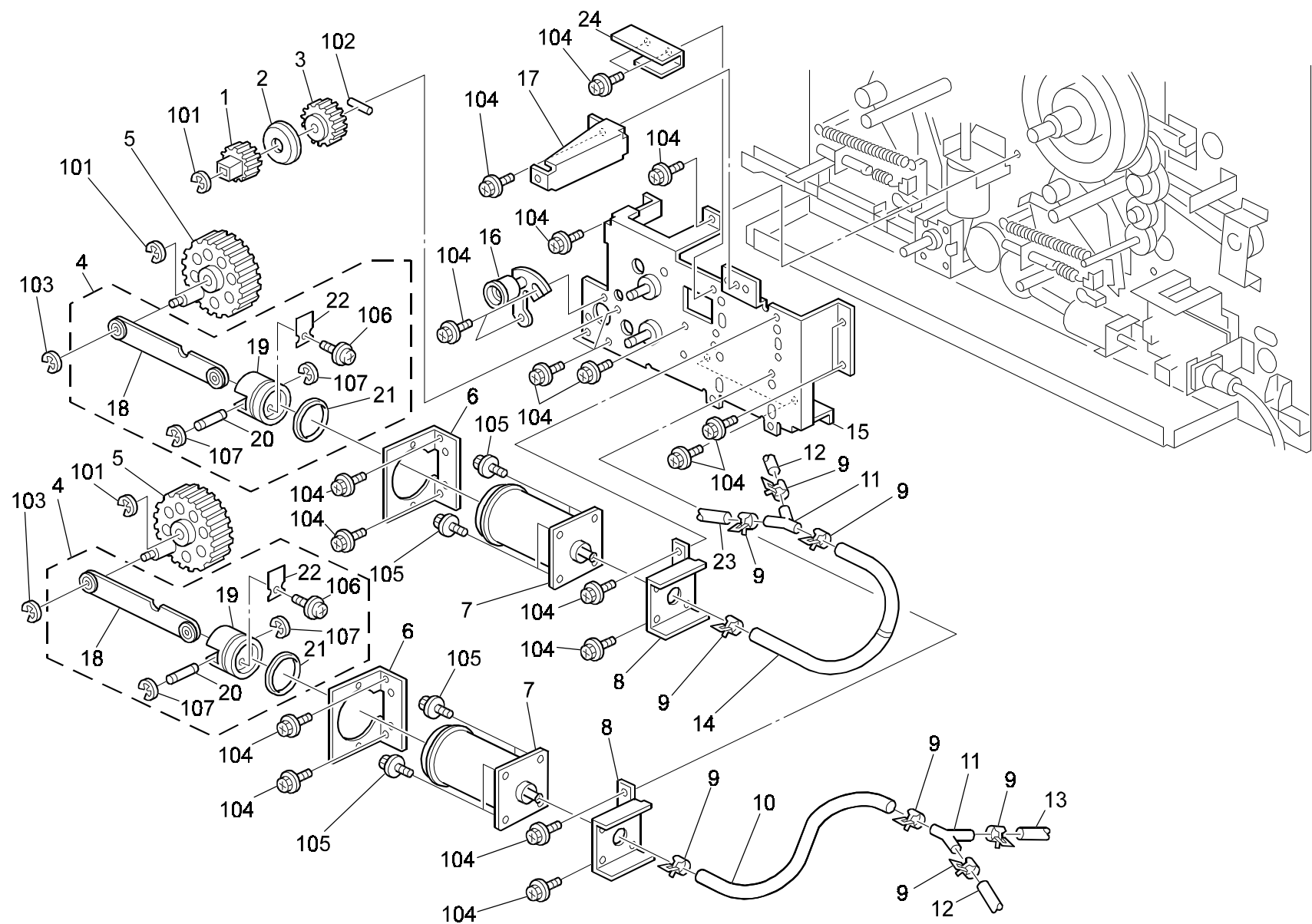


16. Drive Section 3 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	5442 2117	Shoulder Screw - Hinge	1
2	C593 1656	Belt Tensioner - Brushless Motor	1
3	C593 1675	Timing Pulley - S3M	2
4	C593 1673	Transfer Cam	2
5	C593 1668	Timing Pulley	1
6	C593 1660	Timing Belt - 625P5M15	1
7	C593 1665	Base - Drive Sub-unit	1
8	C229 1192	Drum Guide Pin	2
9	C593 1079	Grip Outer Bracket	2
10	C593 1074	Grip Inner Bracket	2
11	C229 1070	Grip Plate - Long	1
12	C593 1702	Shielding Plate	1
13	C593 1695	Exit Drive Gear	1
14	C593 4057	Gear - 36Z	1
15	C593 4051	Drive Gear Shaft Ass'y	1
16	C593 4050	Drive Gear - 32Z	1
17	C593 4059	Gear - 40Z/20Z/30Z	1
18	C593 4061	Coupling Gear - 28z	1
19	C593 1697	Base - Drive Sub-unit	1
20	C593 4053	Middle Drive Pulley - 22Z	1
21	C593 5661	Harness Bracket	1
22	C593 4068	Timing Belt - S3M387	1
23	C593 4067	Exit Drive Bracket	1
24	C593 4065	Exit Drive Pulley - 40Z	1
25	C229 1071	Grip Plate - Short	1
26	C229 3961	Drive Pulley	1
27	C593 4066	Exit Drive Shaft	1
28	C229 3930	Gear Holder	1
29	C229 1137	Drive Relay Gear	1
30	C593 1296	Upper Left Bracket - Rear Cover	1
31	5446 3648	Stepped Screw - M4	1
32	C593 1698	Gear Shaft	1
33	C593 1662	Drum Drive Shaft	2
34	C593 1664	Boss - Positioning Pin	2
35	C593 3928	Pickoff Pawl Cam	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0594 0250W	Hexagonal Set Screw - M4x25	
103	0451 4008W	Tapping Screw - M4x8	
104	0353 0040B	Screw - M3x4	
105	0720 0060E	Retaining Ring - M6	
106	0707 8050B	Bushing - M8x5	
107	0740 3008	Ball Bearing - 8x22x7	
108	0805 3205	Ball Bearing - 10x19x7mm	
109	0720 0080E	Retaining Ring - M8	
110	1105 0316	Clamp	
111	0355 0080Z	Screw - M5x8	
112	1105 0491	Edge Saddle - ES-1916	
113	0701 0040Z	Flat Washer - M4	
114	0951 5020B	Polished Round Screw - M5x20	
115	0807 4137	Spacer - 5x18x2.9	

17. Drive Section 4 (C593)

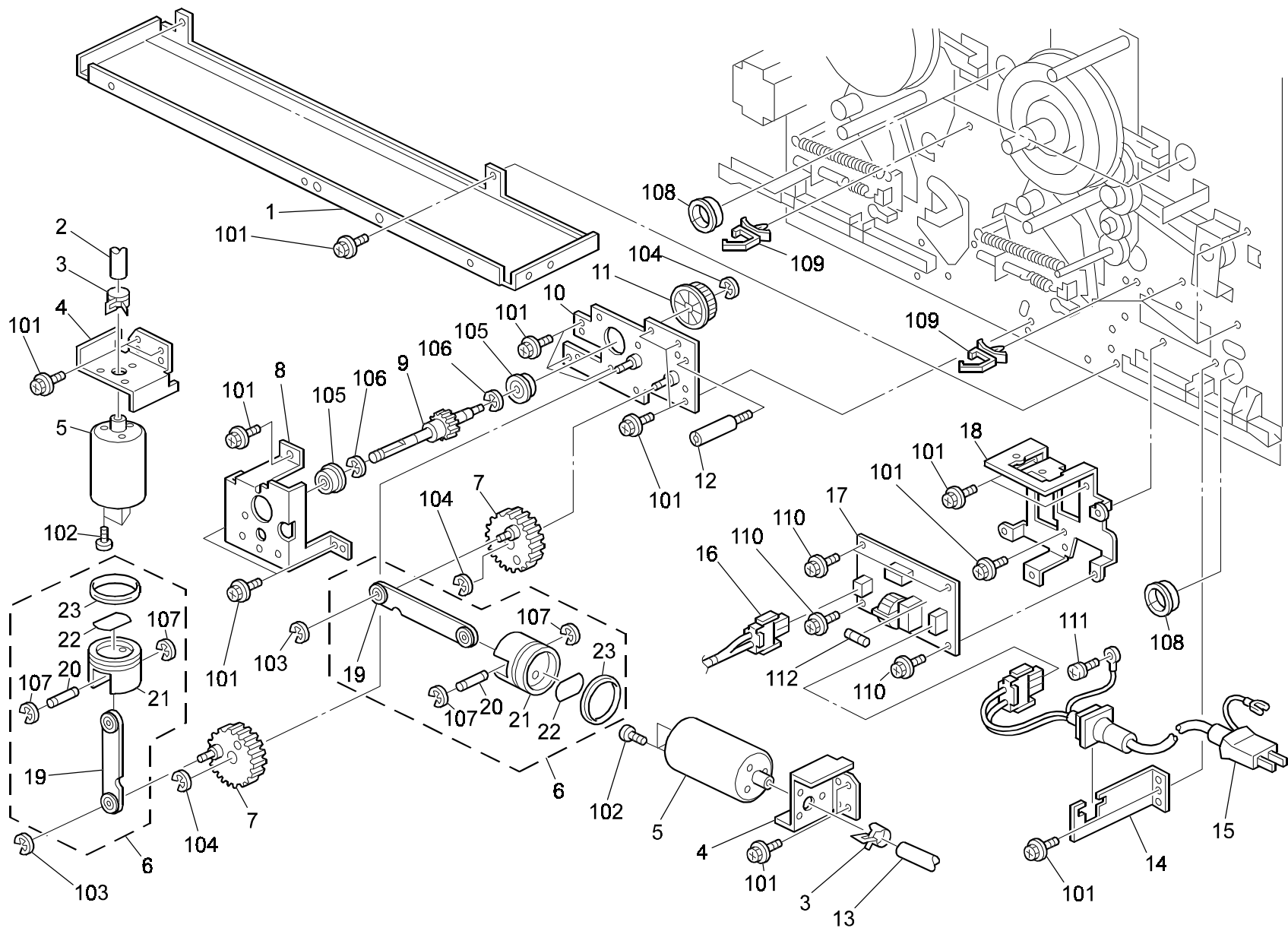


17. Drive Section 4 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 3880	Pump Driven Pulley	1
2	C593 3889	Timing Pulley Flange - Pump Unit	1
3	C593 3881	Drive Gear - 30Z	1
4	C209 6203	Air Piston Ass'y	2
5	C593 3875	Pump Drive Gear	1
6	C209 6242	Rear Cylinder Bracket	2
7	C209 6240	Air Pump Cylinder	2
8	C209 6241	Front Cylinder Bracket	2
9	C209 4711	Hose Band	8
10	C593 3933	Large Pump Tube - 2	1
11	C593 3935	Y Type Joint Tube - 6mm	2
12	C593 3938	Large Pump Tube - 4	2
13	C593 3934	Large Pump Tube - 3	1
14	C593 3932	Large Pump Tube - 1	1
15	C593 3872	Pump Base	1
16	C593 3884	Drive Belt Tensioner Ass'y	1
17	C592 1120	Cover Bracket - Rear Exit	1
18	C209 6211	Piston Link - Air Pump	2
19	C209 6214	Front Cylinder Bracket	2
20	C209 6213	Piston Pin - Air Pump	2
21	C209 6216	O-ring - 39	2
22	C209 6215	Piston Valve	2
23	C593 3939	Large Tube Pump No.5	1
24	C593 3890	Hose Guide Bracket	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0060E	Retaining Ring - M6	
102	0633 0200G	Pin - M3x20	
103	0720 0040E	Retaining Ring - M4	
104	0451 4006B	Tapping Screw - 4x6	
105	0451 4008B	Philips Tapping Screw - M4x8	
106	0433 0062B	Tapping Screw - M3x6mm	
107	0720 0030Z	Retaining Ring - M3	

18. Drive Section 5 (C593)

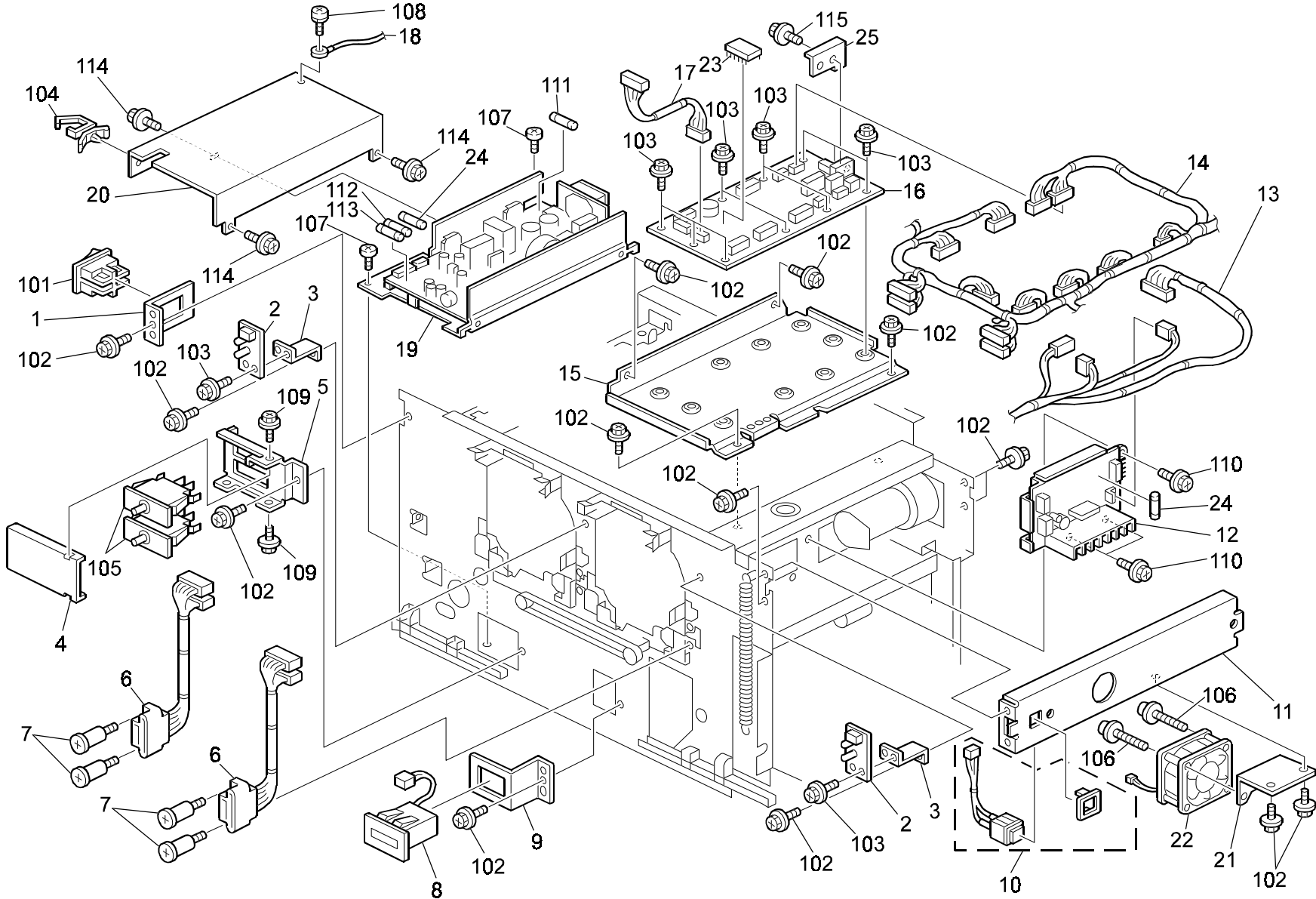


18. Drive Section 5 (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1292	Lower Rear Cover	1
2	C593 3930	Small Pump Tube - 1	1
3	C209 4711	Hose Band	2
4	C593 3887	Pump Holder Base	2
5	C213 6043	Air Pump Cylinder	2
6	C213 6037	Air Piston Ass'y	2
7	C224 6037	Drive Pump Gear	2
8	C593 3882	Side Plate	1
9	C593 3877	Gear Shaft	1
10	C593 3870	Base - Ball Bearing	1
11	A566 2126	Timing Pulley - 40Z	1
12	C593 3883	Side Plate Stud	1
13	C593 3931	Small Pump Tube - 2	1
14	C593 5611	Bracket - Power Supply Cord	1
15	C593 5008	Power Supply Cord - 125V (NA)	1
15	C593 5009	Power Supply Cord - 250V (EU)	1
16	C593 5216	Main Switch Harness	1
17	C592 5122	Noise Filter Board	1
18	C231 5630	Noise Filter Bracket	1
19	C213 6038	Piston Link	2
20	C209 6213	Piston Pin - Air Pump	2
21	C213 6040	Piston	2
22	C213 6042	Piston Valve	2
23	C213 6041	O-ring - 33.7	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0453 3006Z	Tapping Screw - M3x6	
103	0720 0040E	Retaining Ring - M4	
104	0720 0060E	Retaining Ring - M6	
105	0742 3010S	Bearing - 10mm	
106	0720 0080E	Retaining Ring - M8	
107	0720 0030Z	Retaining Ring - M3	
108	1105 0334	Edge - 17	
109	1105 0316	Clamp	
110	0451 3006B	Tapping Screw - M3x6	
111	0801 0150	Philips Screw - M4x8	
112	1107 0393	Fuse (Glass Case) - 8A - 125V	

19. Electrical Section (C593)



19. Electrical Section (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 5631	Main Switch Bracket	1
2	C232 5802	Circuit Board LED Ass'y	2
3	C593 5648	Take Off LED Bracket	2
4	C593 5645	Safety Switch Lever	1
5	C593 5644	Safety Switch Bracket	1
6	C593 5208	Ink Sensor Harness	2
7	C229 2633	Stepped Screw	4
8	C229 5812	Print Counter	1
9	C593 5654	Total Counter Bracket	1
10	C209 8288	Table Down Switch	1
11	C593 1063	Upper Stay	1
12	C593 5150	Motor Drive Control Board	1
13	C593 5210	Power Source Harness	1
14	C593 5200	DC Drive Harness Ass'y	1
15	C231 5601	IC Base	1
16	C593 5100	Image Control Board	1
17	C593 5220	Operation Panel Harness	1
18	C592 5205	Grounding Wire	1
19	C593 5300	Power Supply Unit	1
20	C593 1059	Cover - Power Supply Unit	1
21	C593 5671	Fan Bracket	1
22	C593 5830	Fan - Motor Control Board	1
23	C593 5105	IC Control (19050007)	1
24	C593 5302	Fuse-12A 250C	2
25	C593 5640	Heat Sinker	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1204 2467	Rocker Switch	
102	0451 4006B	Tapping Screw - 4x6	
103	0451 3006B	Tapping Screw - M3x6	
104	1105 0413	Harness Clamp	
105	1204 1280	Push Switch	
106	0951 3030Z	Philips Screw With Flat Washer - M3x30	
107	0954 4008B	Philips Screw - M4x8	
108	0951 3005Z	Philips Pan Head Screw - M3x5	
109	0451 4008W	Tapping Screw - M4x8	
110	0802 5281	Tapping Screw - M4x6	
111	1107 0932	Fuse	
112	1107 0392	Fuse - 6.3A 125V	
113	1107 0354	Fuse - 3.15A 125V	
114	0353 0040B	Screw - M3x4	
115	0951 3012Z	Philips Screw W/H Flat Washer - M3x12	

This exploded view diagram illustrates the assembly of a device chassis. The main components and their assembly sequence are as follows:

- Base Chassis (1):** The primary structural frame.
- Top Cover (2):** The upper protective plate.
- Internal Components:**
 - 3:** A central module or board.
 - 4:** A side panel or bracket.
 - 5:** A cable or connector assembly.
 - 6:** A small electronic component or connector.
 - 7:** A bracket or support piece.
 - 8:** A small bracket or support piece.
 - 9:** A bracket or support piece.
 - 10:** A small bracket or support piece.
 - 11:** A small bracket or support piece.
 - 12:** A small bracket or support piece.
 - 13:** A small bracket or support piece.
 - 14:** A small bracket or support piece.
 - 15:** A small bracket or support piece.
 - 16:** A small bracket or support piece.
 - 17:** A small bracket or support piece.
 - 18:** A small bracket or support piece.
 - 19:** A small bracket or support piece.
- Fasteners and Hardware:**
 - 101:** Screws used for securing various components.
 - 102:** Screws used for securing various components.
 - 103:** Screws used for securing various components.
 - 104:** Screws used for securing various components.
 - 105:** Screws used for securing various components.
 - 106:** Screws used for securing various components.
 - 107:** Screws used for securing various components.
 - 108:** Screws used for securing various components.
 - 109:** Screws used for securing various components.
 - 110:** Screws used for securing various components.
 - 111:** Screws used for securing various components.
 - 112:** Screws used for securing various components.
 - 113:** Screws used for securing various components.
 - 114:** Screws used for securing various components.
 - 115:** Screws used for securing various components.
 - 116:** Screws used for securing various components.
 - 117:** Screws used for securing various components.

20. Frame Section (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1063	Upper Stay	2
2	C593 1065	Stay - Paper Exit Unit	1
3	C229 2615	Slide Rail Roller	4
4	C593 2610	Rail Ass'y	2
5	C229 5224	Drum HP Sensor Harness	1
6	AW02 0075	Photointerruptor	2
7	C229 2631	Limit Sensor Bracket	2
8	H522 1100	Sensor Guide	2
9	C229 2630	Drum H.P Sensor Ass'y	2
10	C229 1083	Rear Guide Shaft	1
11	C593 3865	Rear Middle Shaft - Transport Unit	1
12	C593 1050	Baseplate	1
13	C229 1071	Grip Plate - Short	1
14	C229 1082	Front Guide Shaft	1
15	C593 2616	Drum Pin Bracket	1
16	C593 3866	Front Middle Bracket - Transport Unit	1
17	C593 1079	Grip Outer Bracket	1
18	C593 1074	Grip Inner Bracket	1
19	C593 1326	Separation Plate - Main Switch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006B	Tapping Screw - 4x6	
102	0451 4008W	Tapping Screw - M4x8	
103	0354 0060B	Screw - M4X6	
104	0594 0080E	Bolt - M4x8	
105	1105 0008	Nylon Clamp - 2n	
106	1105 0291	Harness Clamp - LWS-3S	
107	1105 0491	Edge Saddle - ES-1916	
108	1105 0334	Edge - 17	
109	0805 6009	Rubber Foot	
110	0451 3006B	Tapping Screw - M3x6	
111	1105 0199	Clamp	
112	0720 0040E	Retaining Ring - M4	
113	0701 0040Z	Flat Washer - M4	
114	1106 0349	Bushing - 25	
115	1105 0413	Harness Clamp	
116	0951 5035Z	Philips Screw W/T Flat Washer - M3x35	
117	0453 4008B	Tapping Bind Screw - M4x8	

21. MPU Board (C593)

BZ

SYMBOL NO.	INDEX NO.
BZ101	139

CAPACITOR

SYMBOL NO.	INDEX NO.
C101	175
C102	174
C103	177
C104	177
C105	176
C106	176
C107	177
----	----
C109	184
C110	176

SYMBOL NO.	INDEX NO.
C111	177
C112	176
C113	176
C114	182
----	----
C116	183
C117	150
----	----
C120	149

SYMBOL NO.	INDEX NO.
C121	183
C122	183
C123	184
C124	183
C125	183
C126	184
C127	183
C128	184
C129	183
C130	183

SYMBOL NO.	INDEX NO.
C131	180
C132	183
C133	180
C134	183
C135	180
C136	183
C137	183
C138	180
C139	180
C140	180

SYMBOL NO.	INDEX NO.
C141	183
C142	180
C143	180
C144	180
C145	183
C146	183
C147	183
C148	183
C149	183
C150	183

SYMBOL NO.	INDEX NO.
C151	180
C152	183
C153	178
C154	180
C155	180
C156	180
C157	183
C158	178
C159	180
C160	181

CAPACITOR

SYMBOL NO.	INDEX NO.
C161	181
C162	180
C163	183
C164	183
C165	181
C166	180
C167	183
C168	183
C169	148
C170	183

SYMBOL NO.	INDEX NO.
C171	183
C172	180
C173	183
C174	183
C175	183
C176	180
C177	183
C178	184
C179	179
C180	183

SYMBOL NO.	INDEX NO.
C181	183
C182	180
C183	183
C184	183
C185	180
C186	179
C187	183
C188	180
C189	183
C190	183

SYMBOL NO.	INDEX NO.
C191	184
C192	182
C193	183
C194	182
C195	178

CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	111
CN102	108
CN103	107
CN104	109
CN105	103
CN106	104
CN107	107
CN108	105
CN109	108
CN110	107

SYMBOL NO.	INDEX NO.
CN111	110
CN112	102
CN113	103
CN114	106

DIODE

SYMBOL NO.	INDEX NO.
----	----
D102	120
----	----
D104	120
D105	120
D106	120
D107	120
D108	120
D109	120
D110	120

21. MPU Board (C593)

DIODE

SYMBOL NO.	INDEX NO.
D111	120
D112	120
D113	120
D114	120
D115	120
D116	120
D117	118
D118	118
D119	118
D120	118

SYMBOL NO.	INDEX NO.
D121	118
D123	118

FILTER

SYMBOL NO.	INDEX NO.
FIL101	146
FIL102	146
FIL103	146
FIL104	146
FIL105	147
FIL106	146
FIL107	146
FIL108	146
FIL109	146
FIL110	147

IC

SYMBOL NO.	INDEX NO.
IC101	4
(Socket)	138
IC102	136
IC103	136
IC104	137
IC105	135
IC106	117
IC107	117
IC108	117
IC109	138

SYMBOL NO.	INDEX NO.
IC110	134
IC111	136
IC112	136
IC113	126
IC114	125
IC115	129
IC116	3
IC117	124
IC118	2
IC119	127

SYMBOL NO.	INDEX NO.
IC120	---
(Socket)	113
IC121	123
IC122	131
(Socket)	112
IC123	128
IC124	124
IC125	126
IC126	132
IC127	122

SYMBOL NO.	INDEX NO.
IC128	133
IC129	130
IC130	122

LED

SYMBOL NO.	INDEX NO.
LED101	121
LED102	121

Q

SYMBOL NO.	INDEX NO.
Q101	116
Q102	115
Q104	114
Q133	114

RESISTOR

SYMBOL NO.	INDEX NO.
R101	166
R102	166
R103	161
R104	161
R105	161
R106	163
R107	163
R108	161
R109	164
R110	151

SYMBOL NO.	INDEX NO.
R111	151
R112	155
R113	155
R114	172
R115	173
R116	172
R117	169
R118	172
R119	171
R120	161

SYMBOL NO.	INDEX NO.
R121	162
R122	157
R123	157
R124	158
R125	153
R126	153
R127	158
R128	153
R129	153
R130	161

SYMBOL NO.	INDEX NO.
R131	158
R132	161
R133	158
R134	158
R135	158
R136	158
R137	158
R138	160
R139	158
R140	158

SYMBOL NO.	INDEX NO.
R141	164
R142	158
R143	164
R144	159
R145	159
R146	158
R147	159
R148	158
R149	154
R150	160

21. MPU Board (C593)

RESISTOR

SYMBOL NO.	INDEX NO.
R151	160
R152	156
----	----
R154	168
R155	164
R156	158
R157	170
R158	161
R159	161
R160	165

SYMBOL NO.	INDEX NO.
-----	----
R162	161
R163	161
R164	161
R165	161
R166	165
R167	165
R168	160
R169	161
R170	167

SYMBOL NO.	INDEX NO.
R171	167
R172	158
R173	158
----	----
R175	166
R176	164
R177	161
R178	161
R179	164
R180	161

SYMBOL NO.	INDEX NO.
R181	161
R182	152
R183	152

RAY

SYMBOL NO.	INDEX NO.
RAY101	142
RAY102	142
RAY103	143
RAY104	143
RAY105	142
RAY106	143
RAY107	143
RAY108	143
RAY109	143
RAY110	143

SYMBOL NO.	INDEX NO.
RAY111	143
-----	----
RAY113	143
RAY114	143
RAY115	143
RAY116	143
RAY117	143
RAY118	143
RAY119	143
RAY120	143

SYMBOL NO.	INDEX NO.
RAY121	143
RAY122	143
RAY123	143
RAY124	143
RAY125	144
RAY126	144
RAY127	144
RAY128	144
RAY129	144
RAY130	144

RAY

SYMBOL NO.	INDEX NO.
RAY131	143
RAY132	143
RAY133	143
RAY134	141
RAY135	143
RAY136	143
RAY137	143
RAY138	141
RAY139	143

SYMBOL NO.	INDEX NO.
TP102	101
TP103	101
TP104	101

VR

SYMBOL NO.	INDEX NO.
VR102	145

XTL

SYMBOL NO.	INDEX NO.
XT101	140

ZD

SYMBOL NO.	INDEX NO.
ZD101	119

21. MPU Board (C593)

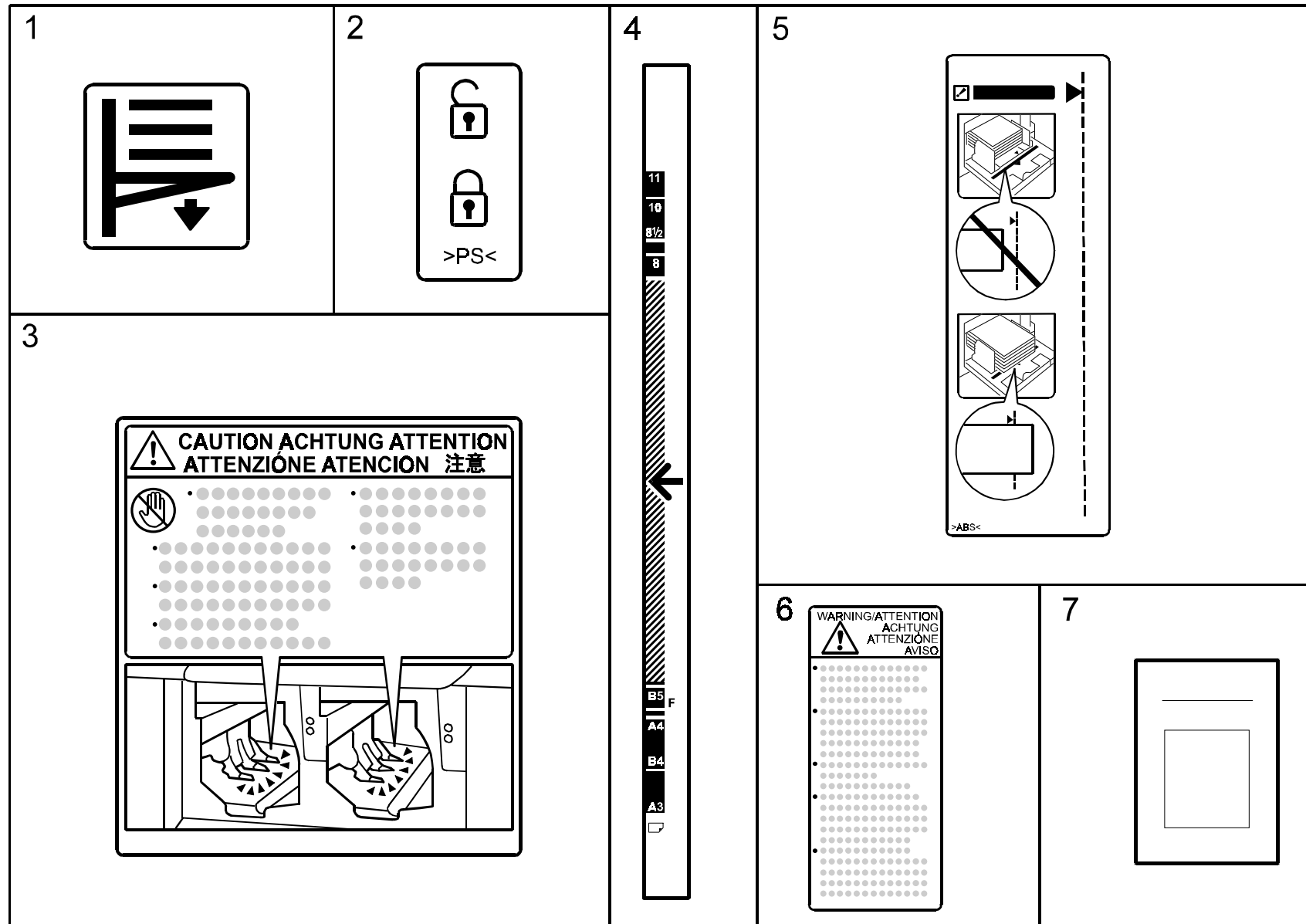
Index No.	Part No.	Description	Q'ty Per Assembly
*	C593 5100	Image Control Board	1
1	C593 5105	IC Control - EPROM 1M X8 100NS	1
2	C229 5351	IC - UPD65640GF	1
3	C231 5140	IC - LC27025B-MC7	1
4	C593 5640	Heat Sink	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1100 1474	Test Pin	
102	1102 1897	Connector - 6P	
103	1102 4205	CT Header- 6p	
104	1102 4208	Connector - 9P	
105	1102 4209	CT Header - 10P	
106	1102 4684	Connector - 5566-06R-210	
107	1102 5409	Connector - 20P	
108	1102 5410	Connector - 22P	
109	1102 5411	Connector - 24P	
110	1102 5414	Connector - 30P	
111	1102 6595	Connector - 11P	
112	1104 0588	Dip Socket - 28p	
113	1104 0589	Dip Socket - 32P	
114	1400 0403	Transistor - 2SC1623L6	
115	1400 0455	Transistor - 2SC2873Y	
116	1400 0720	Transistor - DTC143ZSA	
117	1401 0400	Transistor Array - SLA4060	
118	1401 0835	Diode - 1SS190	
119	1402 1206	Zener Diode	
120	1402 1342	Diode - 1SR154-400	
121	1403 0907	Diode - SML-310LT	
122	1407 1596	TTLIC - SN74LS14NS	
123	1407 1600	TTLIC - SN74LS244NS	
124	1407 1605	TTLIC - SN74LS157NS	
125	1407 2218	TTLIC - SN74LS06NS	
126	1407 2344	IC - TD62382F	
127	1407 3293	IC - TC74HC161AF	
128	1407 3773	CMOS IC TC74HC240AF	
129	1407 4315	IC - TE7751	
130	1407 4724	CPU HD6413003TF-16	
131	1407 4730	SRAM STK12C68-W45	
132	1408 0575	IC - M51957BFP	
133	1408 0595	IC - NJM2904M	
134	1408 0638	IC - 7805A	
135	1408 0827	IC - TA8429H	

Index No.	Part No.	Description	Q'ty Per Assembly
136	1408 1204	IC - TA8083P	
137	1408 1394	IC - STK672-110	
138	1408 1410	IC - STK672-120	
139	1502 0047	IC - PKB24SPC-3601	
140	1503 0849	Crystal Oscillator - 14.7456MHZ	
141	1601 7751	Resistor - 4.7K Ω $\pm$ 5%	
142	1601 7796	Resistor Array - 2.2KO	
143	1601 7801	Resistor Array - 10K Ω $\pm$ 5% 1/16W	
144	1601 7805	Resistor Array - 33 Ω $\pm$ 5% 1/16W	
145	1601 8186	Variable Resistor - 200K Ω	
146	1602 0987	Capacitor & Coil - 270pF 100V	
147	1602 7011	Capacitor - 270pF $\pm$ 20% 50V	
148	1605 0744	Capacitor - EMK212F105Z	
149	1606 1985	Capacitor - 0.033 μ F $\pm$ 5% 50V	
150	1606 1986	Capacitor - 0.1 μ F $\pm$ 5% 16V	
151	1610 1234	Resistor - 47 Ω 1W $\pm$ 5%	
152	1630 1100	Resistor - 10 Ω $\pm$ 5% 1/4W	
153	1630 1221	Resistor - 220 Ω $\pm$ 5% 1/4W	
154	1630 2220	Resistor - 22 Ω 1/8W $\pm$ 5%	
155	1630 3103	Resistor - 10K Ω 1/10W $\pm$ 5%	
156	1630 3151	Resistor - 150 Ω $\pm$ 5% 1/10W	
157	1630 3471	Resistor - 470 Ω - 1/10W	
158	1630 4100	Resistor - 10 Ω $\pm$ 5% 1/16W	
159	1630 4101	Resistor - 100 Ω $\pm$ 5% 1/16W	
160	1630 4102	Resistor - 1.0K Ω $\pm$ 5% 1/16W	
161	1630 4103	Resistor - 10K Ω $\pm$ 5% 1/16W	
162	1630 4222	Resistor - 2.2K Ω $\pm$ 5%	
163	1630 4244	Resistor - 240K Ω $\pm$ 5% 1/16W	
164	1630 4330	Resistor - 33 Ω $\pm$ 5% 1/8W	
165	1630 4332	Resistor - 3.3K Ω $\pm$ 5% 1/16W	
166	1630 4472	Resistor - 4.7K Ω $\pm$ 5% 1/16W	
167	1630 4683	Resistor - 68K Ω $\pm$ 5% 1/16W	
168	1633 1002	Resistor - 10K Ω $\pm$ 1% 1/10W	
169	1633 2201	Resistor - 2.2 Ω $\pm$ 1% 1/10W	
170	1633 3741	Resistor - 3.7K Ω $\pm$ 5% 1/10W	

Index No.	Part No.	Description	Q'ty Per Assembly
171	1633 6801	Resistor - 6.8K Ω - 1/10W	
172	1633 6802	Resistor - 68K Ω $\pm$ 1% 1/10W	
173	1633 9101	Resistor - 9.1K Ω 1/10W	
174	1640 1101	Capacitor - 100 μ F- $\pm$ 20% 16V	
175	1640 2101	Capacitor - 100 μ F $\pm$ 20% 25V	
176	1640 5100	Capacitor - 10 μ F+20% 50	
177	1640 5101	Capacitor - 100 μ F $\pm$ 20% 50V	
178	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
179	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
180	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
181	1660 3270	Capacitor - 27pF $\pm$ 5% 50V	
182	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
183	1660 5103	Capacitor - 10000pF $\pm$ 10% 50V	
184	1660 9104	Capacitor - 100000pF 25V	

22. Decals And Documents (C593)



22. Decals And Documents (C593)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 1354	Decal Paper Feed	1
2	C593 1351	LED Decal - Take Off	1
3	C593 1352	Decal - Pickoff Pawl	1
4	C593 2951	Decal - Scale	1
5	C593 2954	Paper Size Decal	1
6	C593 1356	Caution Decal	1
7	C593 8601	Operating Insrtuctions - English EU	1
7	C593 8602	Operating Insrtuctions - English NA	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 3 (C593)	C229 2835	Paper Feed Roller Ass'y	Paper Feed Roller Ass'y	2	15- 1
Paper Feed Section 4 (C593)	C233 2883	Separation Pad Ass'y	Separation Pad Ass'y	1	17- 10
Pressure Roller Section 1 (C593)	C593 3097	Pressure Roller	Pressure Roller	2	21- 15
Paper Transport 2 (C593)	C593 3861	Middle Transport Belt - 80b	Middle Transport Belt - 80b	2	25- 3
Paper Exit Section 2 (C593)	C229 3874	Transport Belt	Transport Belt	1	29- 17

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Part No.	Description	Page and Index No.
C593 1050	Baseplate	45- 12
C593 1059	Cover - Power Supply Unit	43- 20
C593 1063	Upper Stay	43- 11
C593 1063	Upper Stay	45- 1
C593 1065	Stay - Paper Exit Unit	45- 2
C593 1074	Grip Inner Bracket	37- 10
C593 1074	Grip Inner Bracket	17- 1
C593 1074	Grip Inner Bracket	45- 18
C593 1079	Grip Outer Bracket	45- 17
C593 1079	Grip Outer Bracket	17- 2
C593 1079	Grip Outer Bracket	37- 9
C593 1257	Upper Door Cover	7- 3
C593 1259	Safety Switch Bracket	7- 8
C593 1261	Left Cover Plate	9- 21
C593 1262	Lower Middle Cover	9- 25
C593 1263	Right Cover Plate	9- 23
C593 1265	Upper Cover	7- 16
C593 1266	Upper Cover Stay	9- 26
C593 1267	Upper Cover Bracket	9- 24
C593 1267	Upper Cover Bracket	13- 5
C593 1271	Left Cover	7- 12
C593 1272	Main Switch Cover	7- 11
C593 1280	Right Cover	7- 21
C593 1283	Magnet Catch Spacer	7- 27
C593 1291	Rear Cover	7- 19
C593 1292	Lower Rear Cover	41- 1
C593 1293	Rear Left Cover	7- 15
C593 1294	Rear Right Cover	7- 20
C593 1296	Upper Left Bracket - Rear Cover	37- 30
C593 1297	Upper Right Bracket - Rear Cover	17- 20
C593 1301	Upper Inner Cover	9- 7
C593 1302	Lower Inner Cover	9- 8
C593 1303	Left Inner Cover	9- 12
C593 1304	Right Inner Cover	9- 11
C593 1305	LED Cover	9- 2

Part No.	Description	Page and Index No.
C593 1310	Inner Cover Bracket - Left Upper	9- 6
C593 1312	Inner Cover Bracket - Left Lower	9- 4
C593 1313	Right Inner Cover Bracket	9- 1
C593 1320	Exit Drum Stay	9- 20
C593 1325	Separation Plate - Paper Feed Roller	15- 29
C593 1326	Separation Plate - Main Switch	45- 19
C593 1331	Sound Proofing Material - Upper Front	7- 18
C593 1332	Sound Proofing Material - Upper Rear	7- 17
C593 1333	Upper Sound Proofing	7- 13
C593 1334	Lower Sound Proofing	7- 14
C593 1335	Sound Proofing Material - Inner Cover	9- 10
C593 1341	Bottom Cushion	7- 28
C593 1343	Original Stopper	7- 24
C593 1351	LED Decal - Take Off	51- 2
C593 1351	LED Decal - Take Off	9- 3
C593 1352	Decal - Pickoff Pawl	9- 9
C593 1352	Decal - Pickoff Pawl	51- 3
C593 1356	Caution Decal	7- 1
C593 1356	Caution Decal	51- 6
C593 1455	Operation Panel Ass'y - NA	9- 22
C593 1456	Operation Panel Ass'y - EU	9- 22
C593 1651	Motor Bracket	17- 23
C593 1652	Timing Pulley	17- 5
C593 1655	Ball Bearing Bracket	17- 24
C593 1656	Belt Tensioner - Brushless Motor	37- 2
C593 1660	Timing Belt - 625P5M15	37- 6
C593 1662	Drum Drive Shaft	37- 33
C593 1664	Boss - Positioning Pin	37- 34
C593 1665	Base - Drive Sub-unit	37- 7
C593 1668	Timing Pulley	37- 5
C593 1673	Transfer Cam	37- 4
C593 1675	Timing Pulley - S3M	37- 3
C593 1681	Encoder Disc Base	33- 3
C593 1682	Sensor Shielding Plate	33- 4
C593 1683	Feed Roller Cam	35- 1

Part No.	Description	Page and Index No.
C593 1687	Positioning Sensor	33- 24
C593 1688	Take Off Sensor Bracket	33- 16
C593 1690	Positioning Sensor	33- 25
C593 1691	Feed Encoder Bracket	33- 13
C593 1692	Side Plate	33- 20
C593 1695	Exit Drive Gear	37- 13
C593 1697	Base - Drive Sub-unit	37- 19
C593 1698	Gear Shaft	37- 32
C593 1702	Shielding Plate	37- 12
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