

Priport HQ-Opal (C639)

PARTS CATALOG

First edition, December 2005

Ricoh Company, LTD.

Priport HQ-Opal (C639)

PARTS CATALOG

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

HQ-Opal

(C639)

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Location of unit2

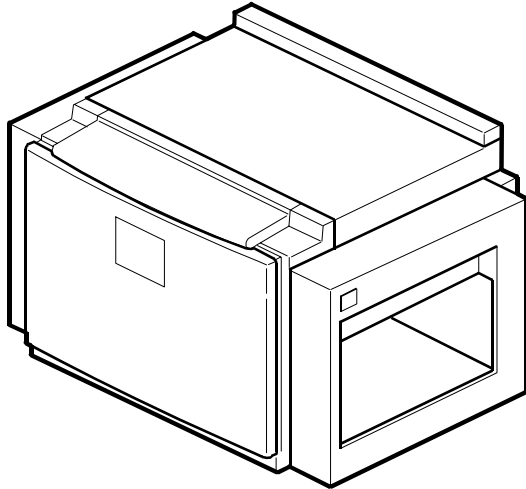
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December ,25 ' 2005

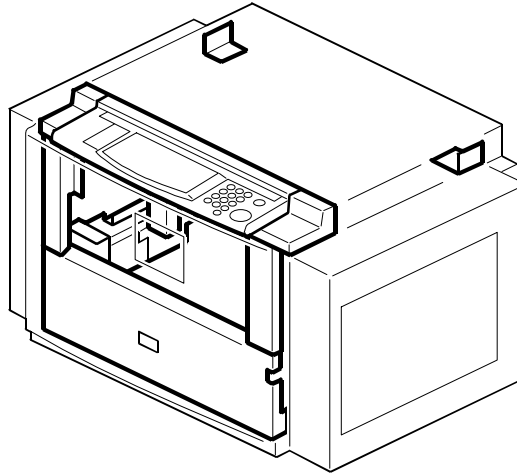
LOCATIONS OF UNITS

1. Exterior 1 (C639)



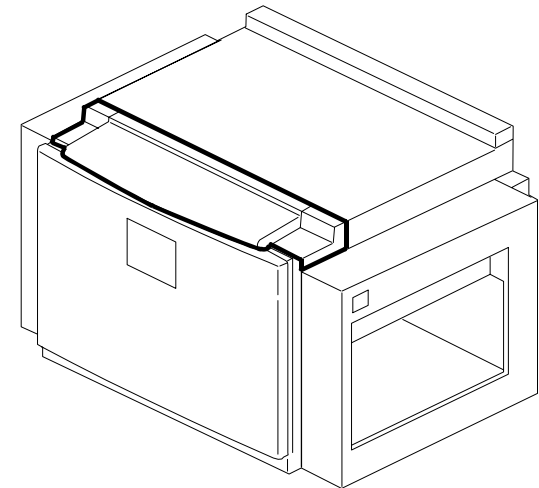
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2. Exterior 2 (C639)



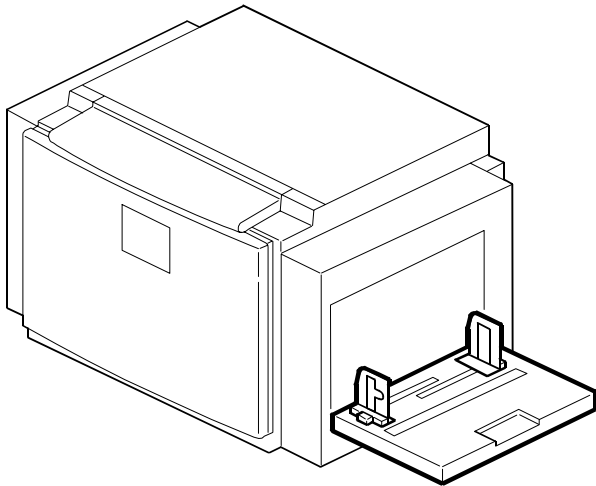
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3. Operation Panel (C639)



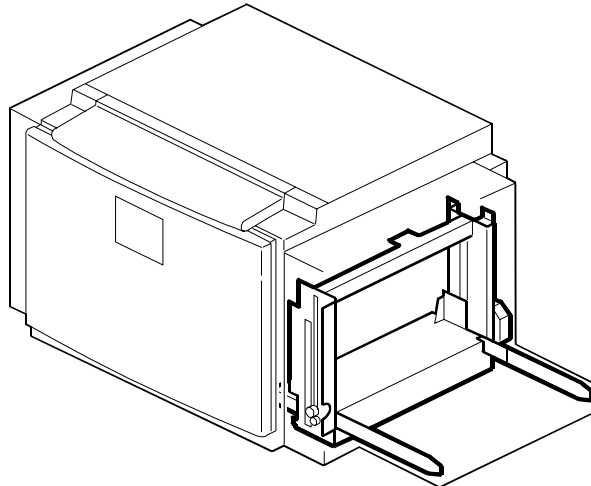
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4. Paper Feed Section 1 (C639)



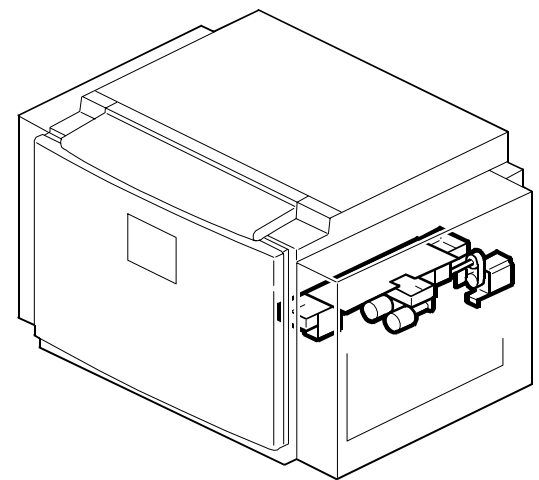
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5. Paper Feed Section 2 (C639)



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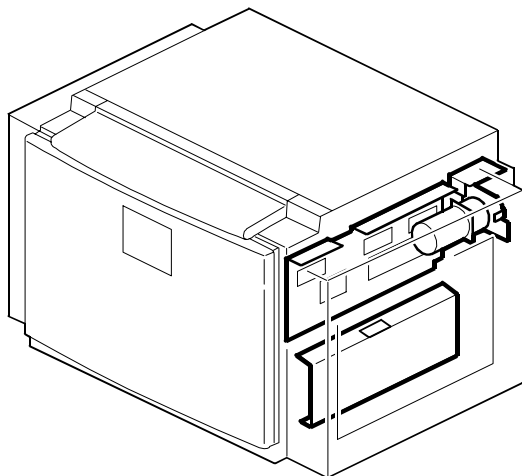
6. Paper Feed Section 3 (C639)



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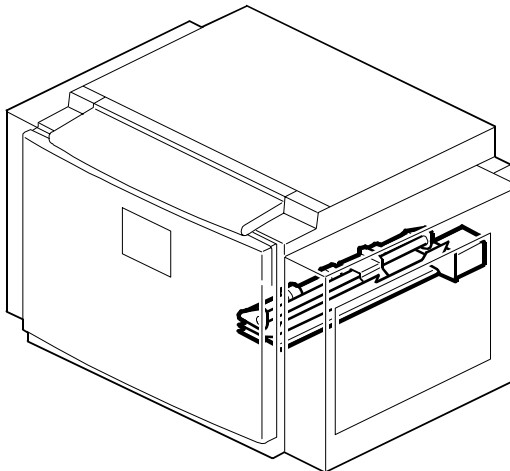
LOCATIONS OF UNITS

7. Paper Feed Section 4 (C639)



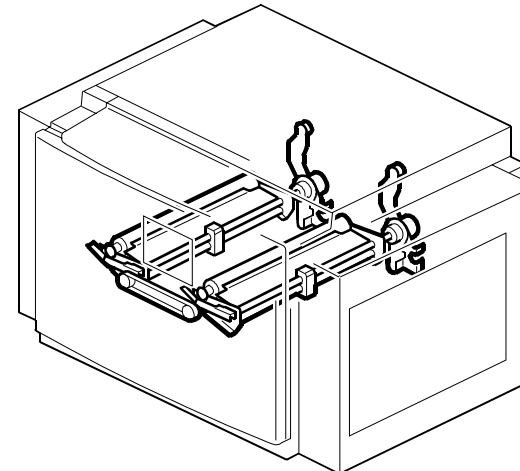
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8. Paper Feed Section 5 (C639)



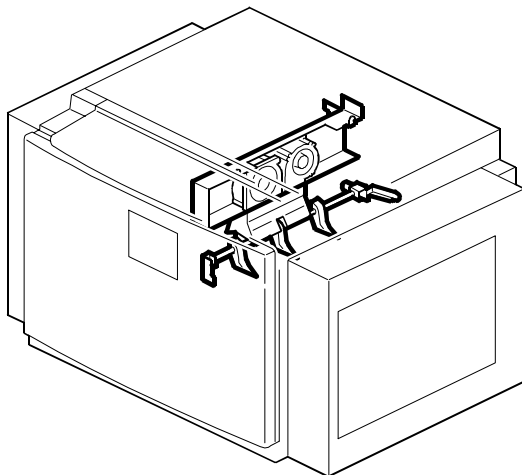
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9. Pressure Roller Section 1 (C639)



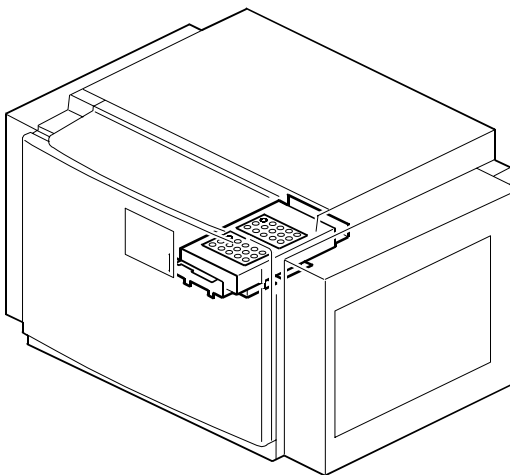
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10. Paper Transport 1 (C639)



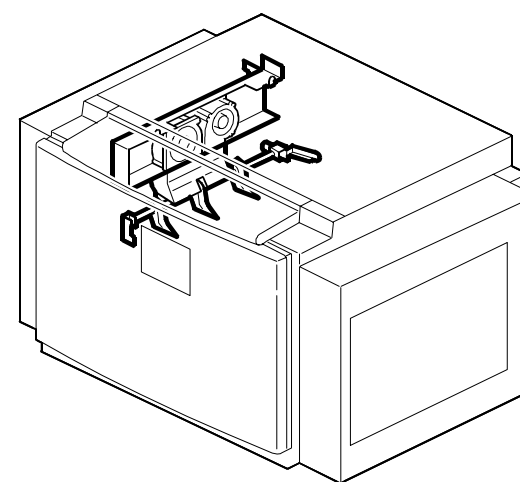
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11. Paper Transport 2 (C639)



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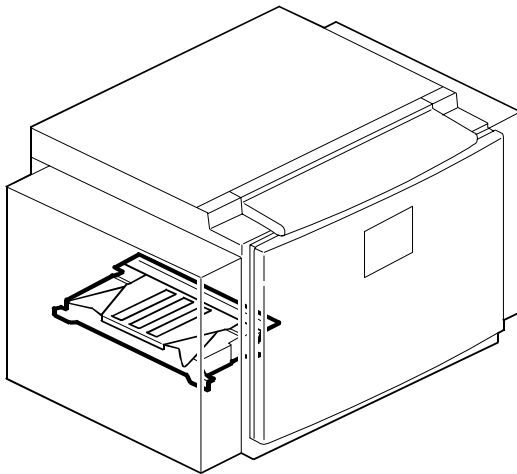
12. Paper Exit Section 1 (C639)



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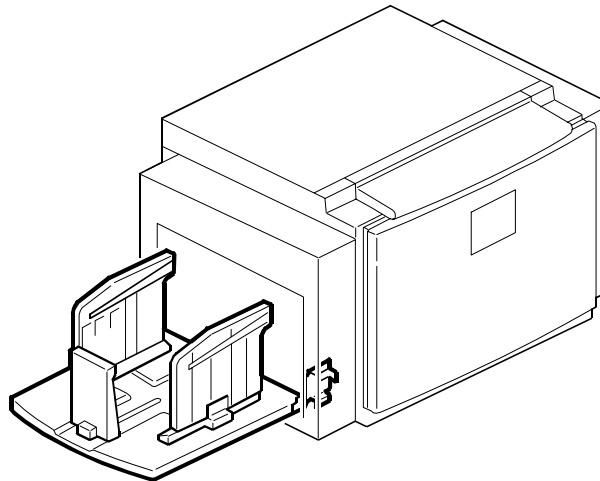
LOCATIONS OF UNITS

13. Paper Exit Section 2 (C639)



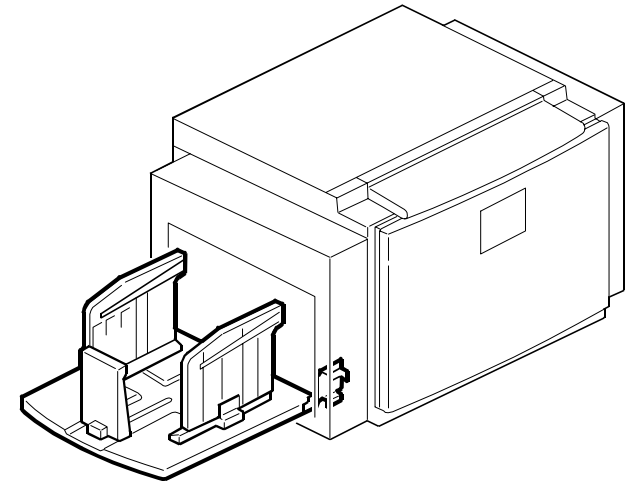
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14. Paper Exit Section 3 (C639)



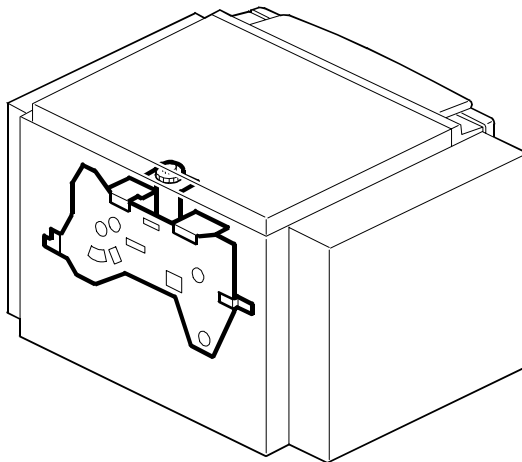
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15. Paper Exit Section 4 (C639)



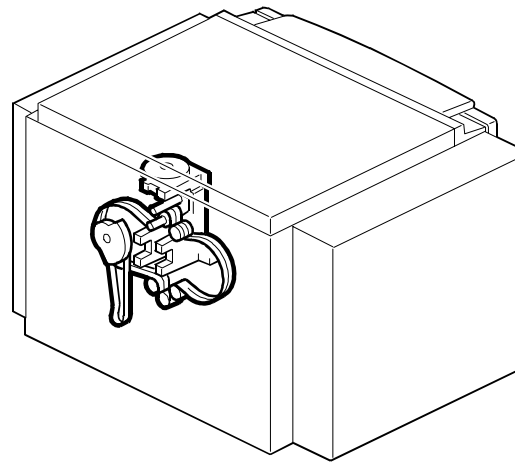
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16. Drive Section 1 (C639)



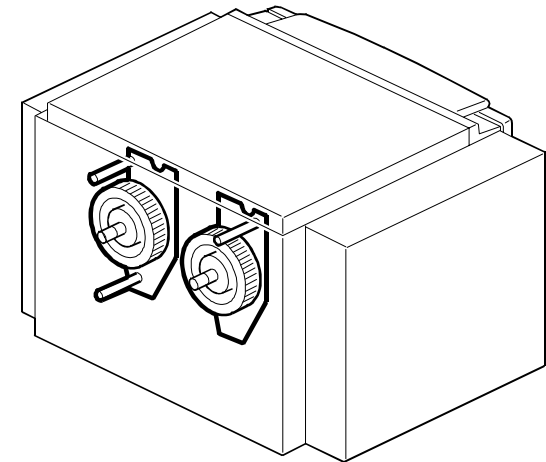
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17. Drive Section 2 (C639)



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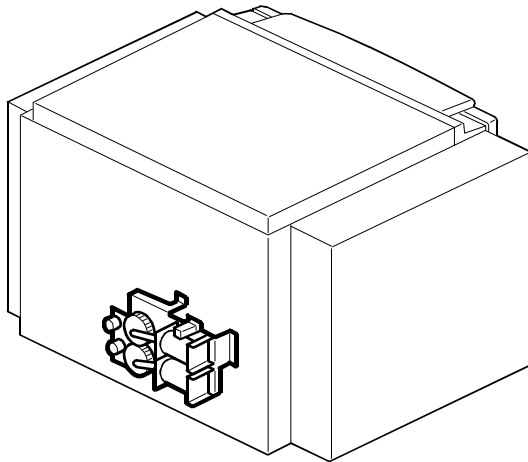
18. Drive Section 3 (C639)



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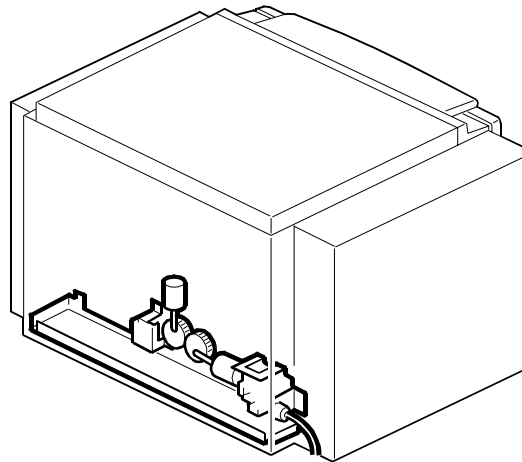
LOCATIONS OF UNITS

19. Drive Section 4 (C639)



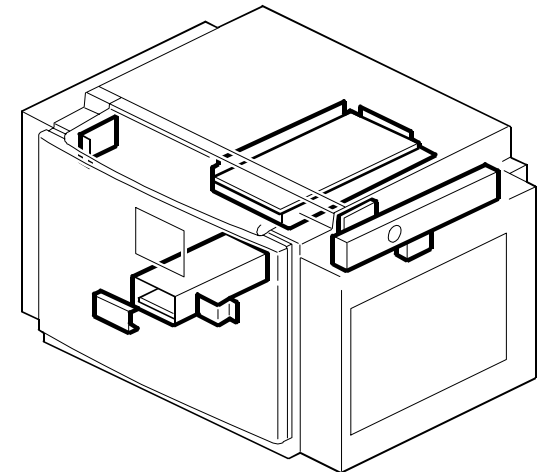
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20. Drive Section 5 (C639)



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21. Electrical Section (C639)

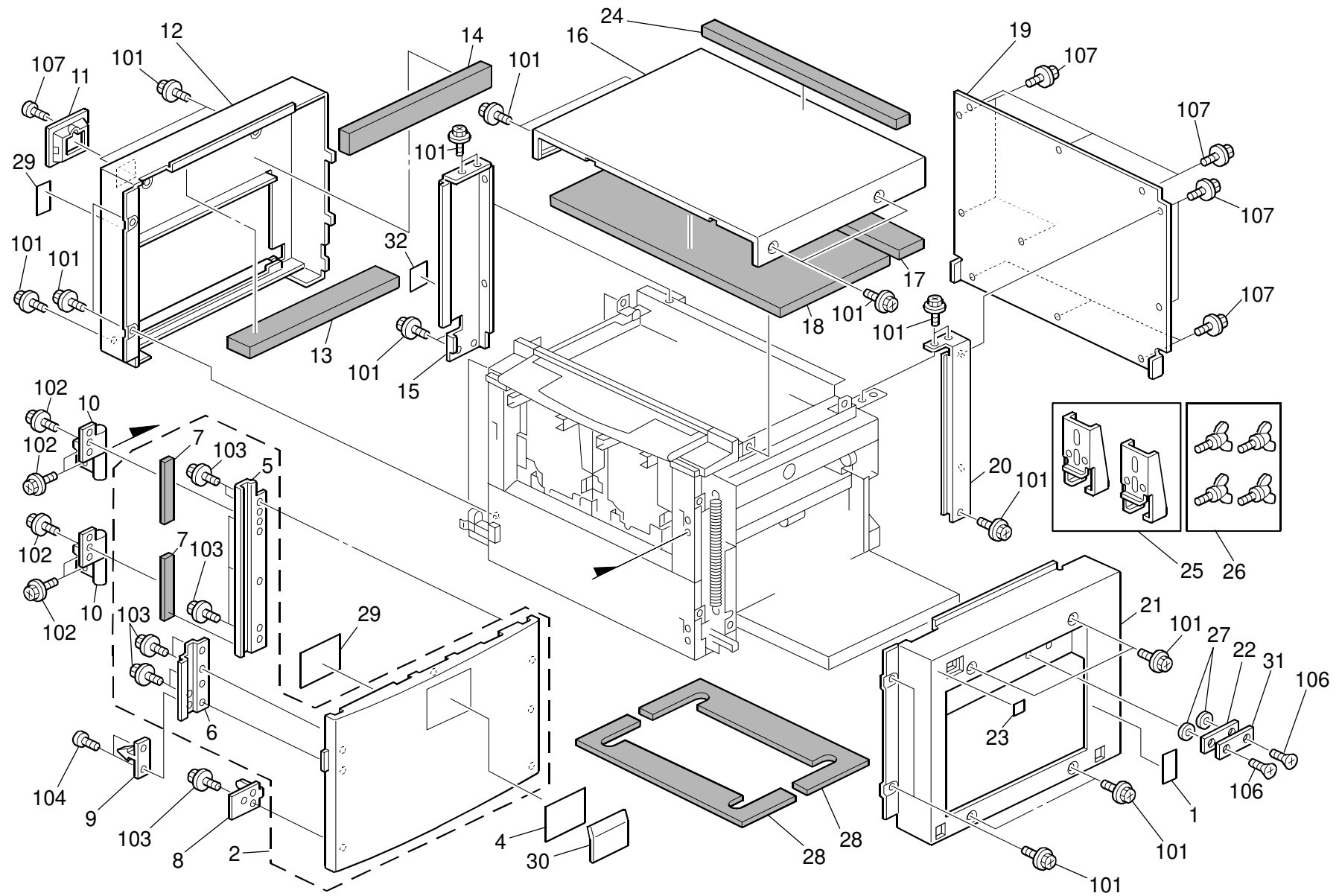


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22. Frame Section (C639)

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1.Exterior 1 (C639)

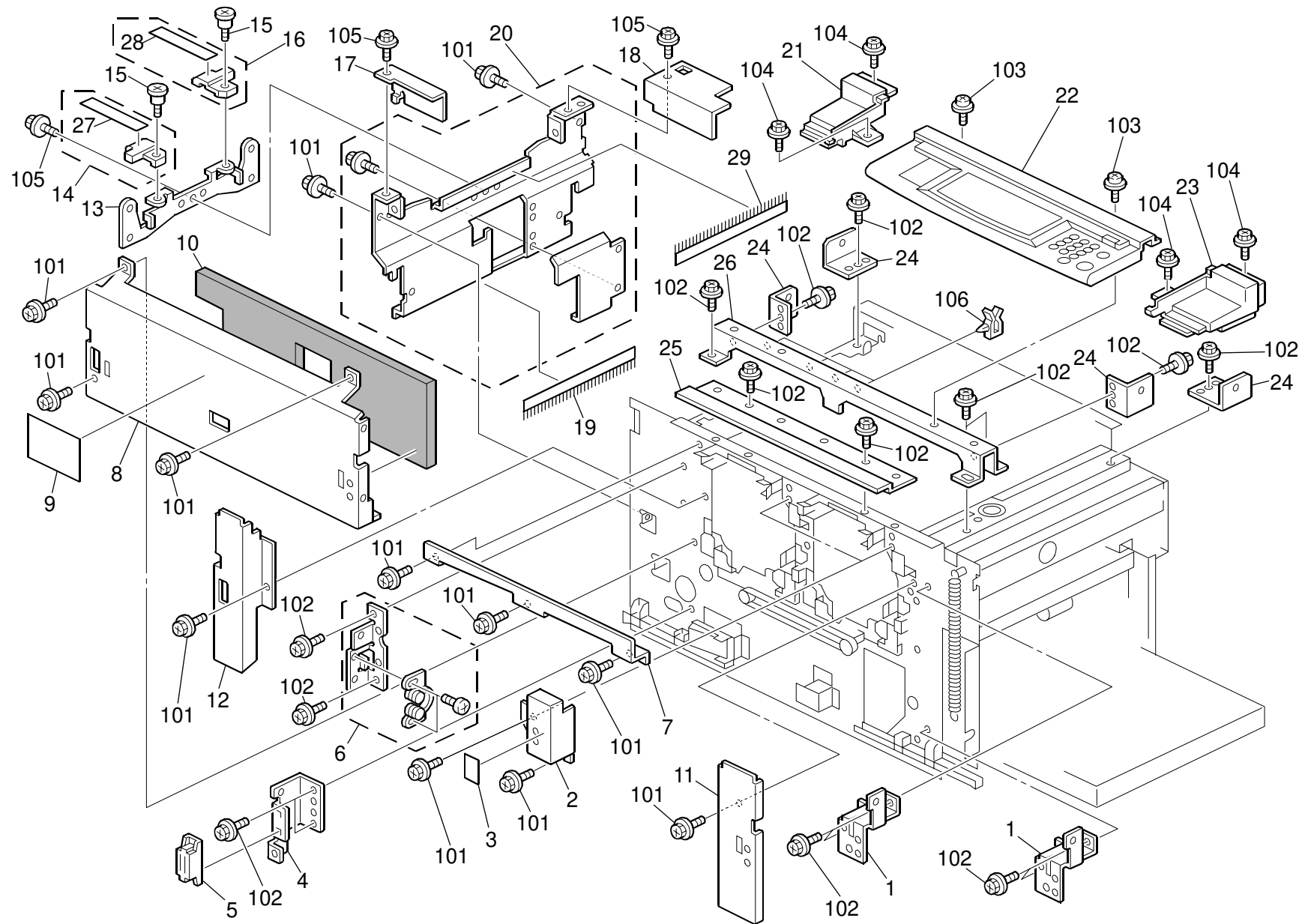


1.Exterior 1 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1359	Decal - Caution	2
2	C262 1239	Cover:Door:Ass'y	1
3	C244 1258	Door Support Plate	1
4	C639 1375	Sheet:Emblem:TC2R:GER	1
5	C244 1258	Door Support Plate	1
6	C244 1259	Door Catch Bracket	1
7	C244 1254	Cushion - Front Door	2
8	C639 1259	Bracket:Safety Switch:Door:Cover	1
9	A659 1272	Door Catch	1
10	C262 1260	Hinge:Door:Ass'y	2
11	C593 1274	Main Switch Cover	1
12	C593 1273	Left Cover	1
13	C593 1333	Upper Sound Proofing	1
14	C593 1334	Lower Sound Proofing	1
15	C593 1298	Rear Left Cover	1
16	C593 1275	Upper Cover	1
17	C593 1332	Sound Proofing Material - Upper Rear	1
18	C593 1331	Sound Proofing Material - Upper Front	1
19	C593 1289	Rear Cover	1
20	C593 1299	Rear Right Cover	1
21	C639 1284	Cover:Right:Ass'y	1
22	C639 1283	Spacer:Magnet Catch	1
23	C593 1354	Decal - Paper Feed	1
24	C593 1343	Original Stopper	1
25	C639 2048	Bracket:Protect:Machine:Ass'y	2
26	C600 2050	Adjusting Screw:M4x10	4
27	C639 1283	Spacer:Magnet Catch	2
28	C593 1341	Bottom Cushion	2
29	C639 1291	Label:Door:LED	1
30	B132 1531	Panel:Logo	1
31	C244 2435	Stay:Magnet Catch	1
32	J001 2314	Decal - Weee (EU)	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - M4x6	
102	0451 4008N	Tapping Screw:4x8	
103	0450 4008N	Tapping Screw - M4x8	
104	0453 3006N	Tapping Screw - M3x6	
105	0450 4010N	Tapping Screw:M4x10	
106	0324 0080N	Screw:M4x8	
107	0451 3006N	Tapping Screw - 3x6	

2.Exterior 2 (C639)

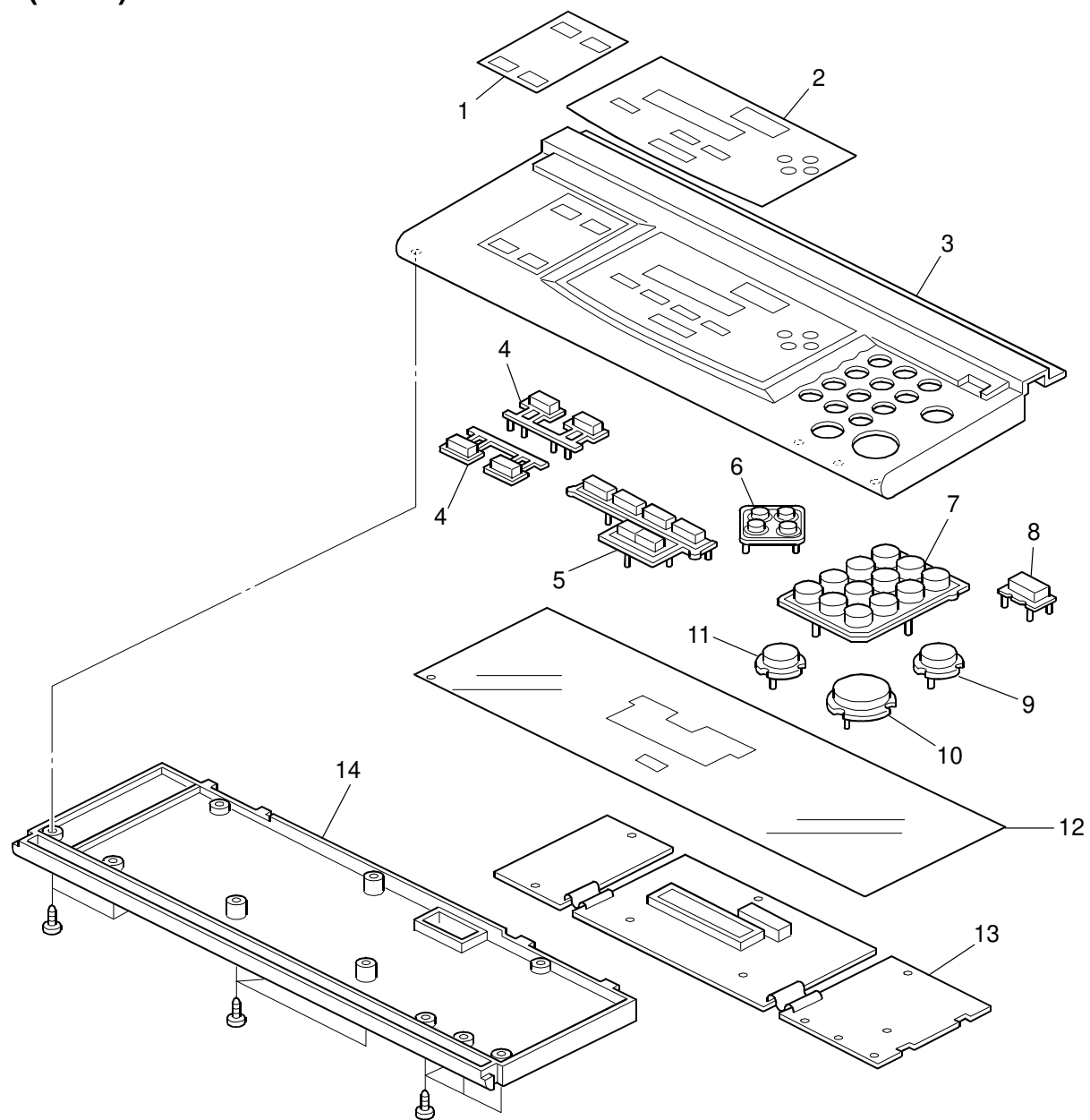


2.Exterior 2 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 1313	Bracket:Inner Cover:Right	2
2	C593 1314	LED Cover	1
3	C593 1353	Decal - LED	1
4	C639 1312	Bracket:Inner Cover:Left Lower	1
5	AG07 1012	Magnet Catch:Ass'y	1
6	C639 1310	Bracket:Inner Cover:Left Upper	1
7	C593 1306	Upper Inner Cover	1
8	C593 1307	Lower Inner Cover	1
9	C593 1358	Decal - Exit Pawl	1
10	C593 1335	Sound Proofing Material - Inner Cover	1
11	C593 1309	Right Inner Cover	1
12	C593 1308	Left Inner Cover	1
13	C233 4446	Adjusting Plate - Base	1
14	C239 4491	Paper Guide - Front	1
15	C218 2525	Stepped Screw - M4	2
16	C239 4492	Paper Guide - Rear	1
17	C244 3858	Right Support Cover	1
18	C244 3857	Left Support Cover	1
19	C235 4495	Antistatic Brush	1
20	C639 1322	Drum Stay:Exit:Ass'y	1
21	C593 1264	Left Cover Plate	1
22	C593 1457	Operation Panel Assembly - NA	1
22	C593 1458	Operation Panel Assembly	1
23	C593 1269	Right Cover Plate	1
24	C639 1267	Bracket:Cover:Upper	2
25	C593 1268	Lower Middle Cover	1
26	C639 1266	Stay:Cover:Upper	1
27	C235 4492	Right Front Paper Guide	1
28	C235 4494	Right Rear Paper Guide	1
29	C233 4405	Antistatic Brush	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - M4x6	
102	0451 4006N	Tapping Screw - M4x6	
103	0951 4008N	Philips Screw With Flat Washer - M4x8	
104	0451 4008N	Tapping Screw:4x8	
105	0451 3006N	Tapping Screw - 3x6	
106	1105 0283	Clamp	

3.Operation Panel (C639)

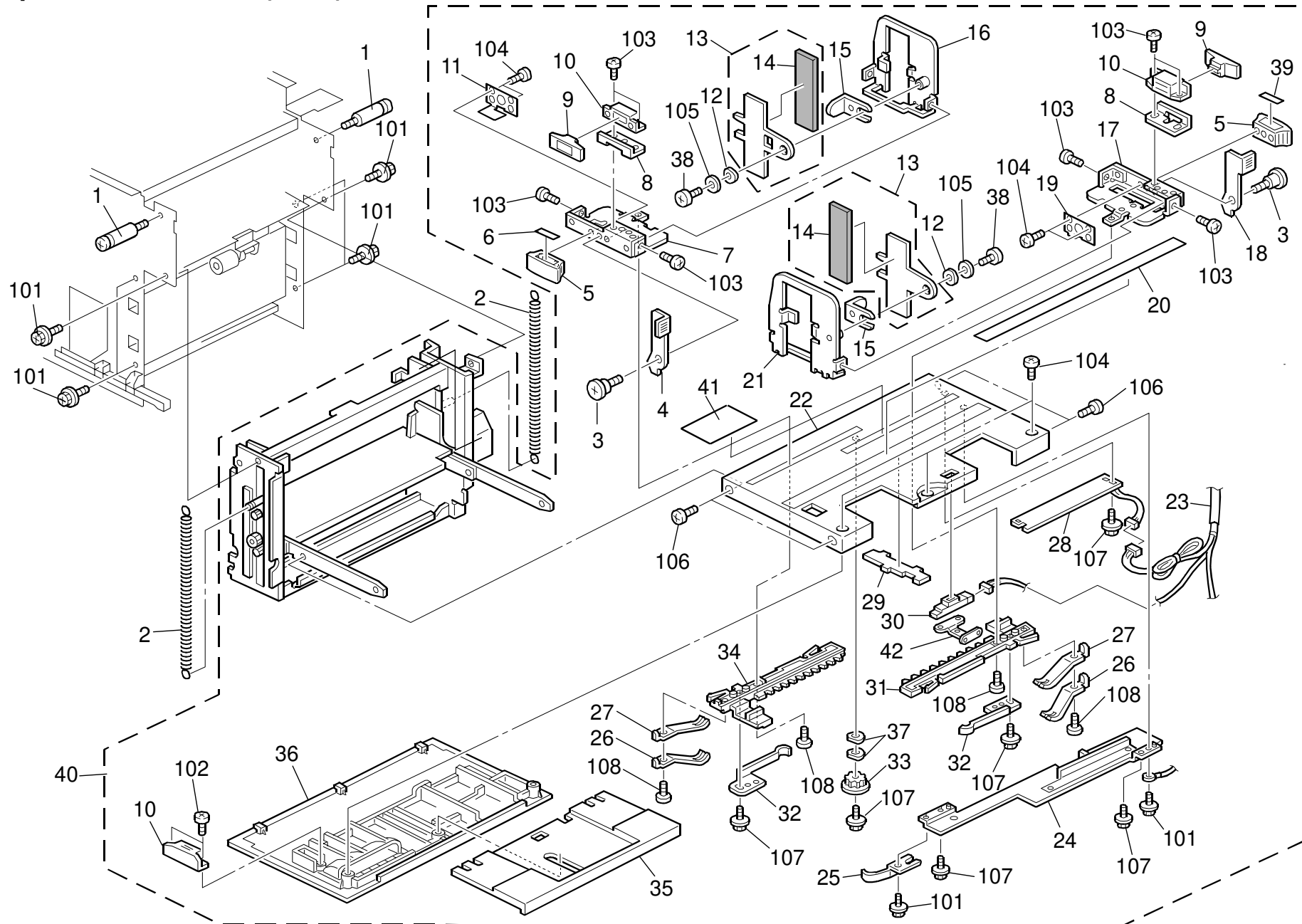


3.Operation Panel (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 1533	Sheet - Drum Monitor NA	1
1	C593 1535	Sheet - Drum Monitor EU	1
2	C593 1495	Sheet - Display Board Monitor NA	1
2	C593 1497	Sheet - Display Board Monitor EU	1
3	C593 1521	Case:Operation Panel	1
3	C593 1531	Operation Panel Case - NA	1
4	C593 1530	Key-top Drum Monitor	1
5	C593 1529	Key-top Display Board Monitor	1
6	C593 1528	Key-top Scroll	1
7	C593 1483	Keytop:10key	1
8	C593 1527	Key-top Clear Modes	1
9	C593 1526	Key-top Proof	1
10	C593 1525	Key-top Print	1
11	C593 1481	Keytop:Stop	1
12	C593 1477	Sheet:Preventfence Sheet	1
13	C593 5125	Printed Circuit Board:Operation Panel:Ass'y	1
14	C593 1522	Operation Panel Lower Case	1

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

4. Paper Feed Section 1 (C639)

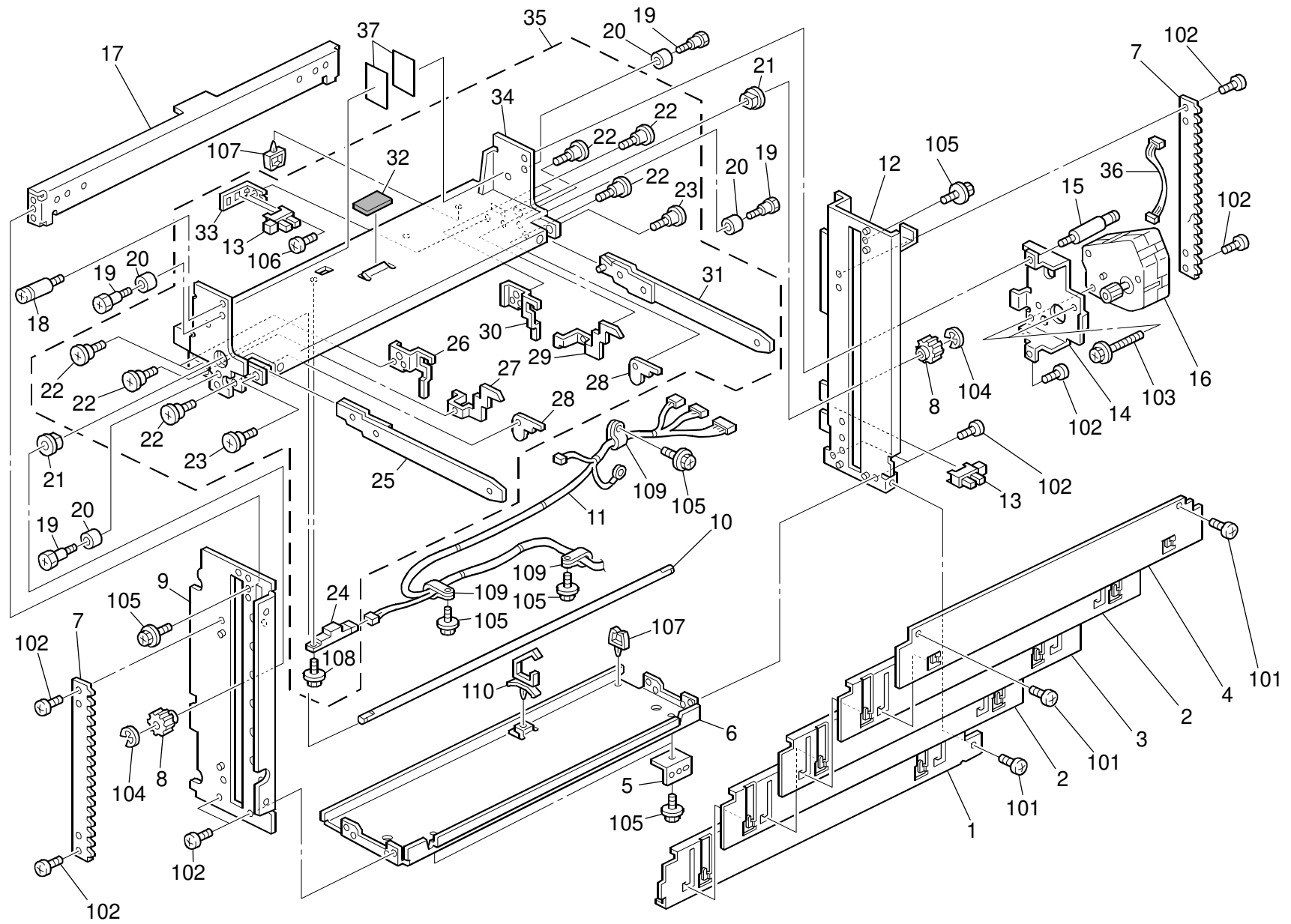


4. Paper Feed Section 1 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C244 2827	Spring Anchor - Left	2
2	C229 2828	Lift Up Spring - Paper Tray	2
3	C244 2991	Screw:A1094775	2
4	C235 2819	Lock Lever - Left Side Fence	1
5	C244 2804	Grip:Side Fence:Paper Feed	2
6	C235 2814	Decal - Side Fence - Left	1
7	C235 2796	Left Side Fence Slider Ass'y	1
8	C229 2793	Side Fence Stopper	2
9	C257 2812	Spacer:Magnet Catch:Side Fence	2
10	AG07 0504	Magnet Catch:44.1N:Ass'y	3
11	C235 2820	Left Lock Lever Spring Plate Ass'y	1
12	5070 0923	Spring Washer - Rotating Table	2
13	C257 2780	Pad:Side Fence:Paper Feed:Ass'y	2
14	C257 2781	Pad:Side Fence:Paper Feed	2
15	C209 5092	Rubber Plate Lever	2
16	C235 2802	Left Side Fence Ass'y	1
17	C235 2786	Right Side Fence Slider Ass'y	1
18	C235 2815	Lock Lever - Right Side Fence	1
19	C235 2816	Right Lock Lever Spring Plate Ass'y	1
20	C593 2955	Decal - Paper Scale	1
21	C235 2791	Right Side Fence	1
22	C244 2775	Paper Tray	1
23	C257 5236	Paper Size Harness	1
24	C244 2955	Ground Plate	1
25	C229 2952	Spring Plate - Paper Tray	1
26	C229 2954	Spring Plate	2
27	C229 2784	Grounding Plate	2
28	C257 5155	Paper Size Sensor PCB	1
29	C244 2778	Harness Holder	1
30	AW01 0112	Photo Refiection Sensor:Original Table	1
31	C229 2780	Side Fence Rack - Right	1
32	C229 2794	Tension Spring Plate	2
33	G011 3305	Gear - 16Z	1
34	C229 2781	Side Fence Rack	1
35	C245 2775	Paper Tray - Sub	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C244 2784	Paper Feed Cover	1
37	5443 2713	Wave Washer	2
38	5506 1536	Screw - M4X6	2
39	C235 2813	Decal - Side Fence - Right	1
40	C639 2750	Paper Feed Unit:Ass'y	1
41	C593 2956	Decal - Paper Size	1
42	C244 2777	Bracket:Sensor:Paper Tray	1
101	0451 4006N	Tapping Screw - M4x6	
102	0452 3006N	Binding Self-Tapping Screw:3x6	
103	0453 3006N	Tapping Screw - M3x6	
104	0452 3008N	Tapping Screw - M3x6	
105	0701 0080N	Washer DIA8	
106	0453 4008N	Binding Self Tapping Screw:4x8	
107	0450 3006N	Tapping Screw - M3x6	
108	0353 0060N	Bind Screw - M3x6	

5. Paper Feed Section 2 (C639)

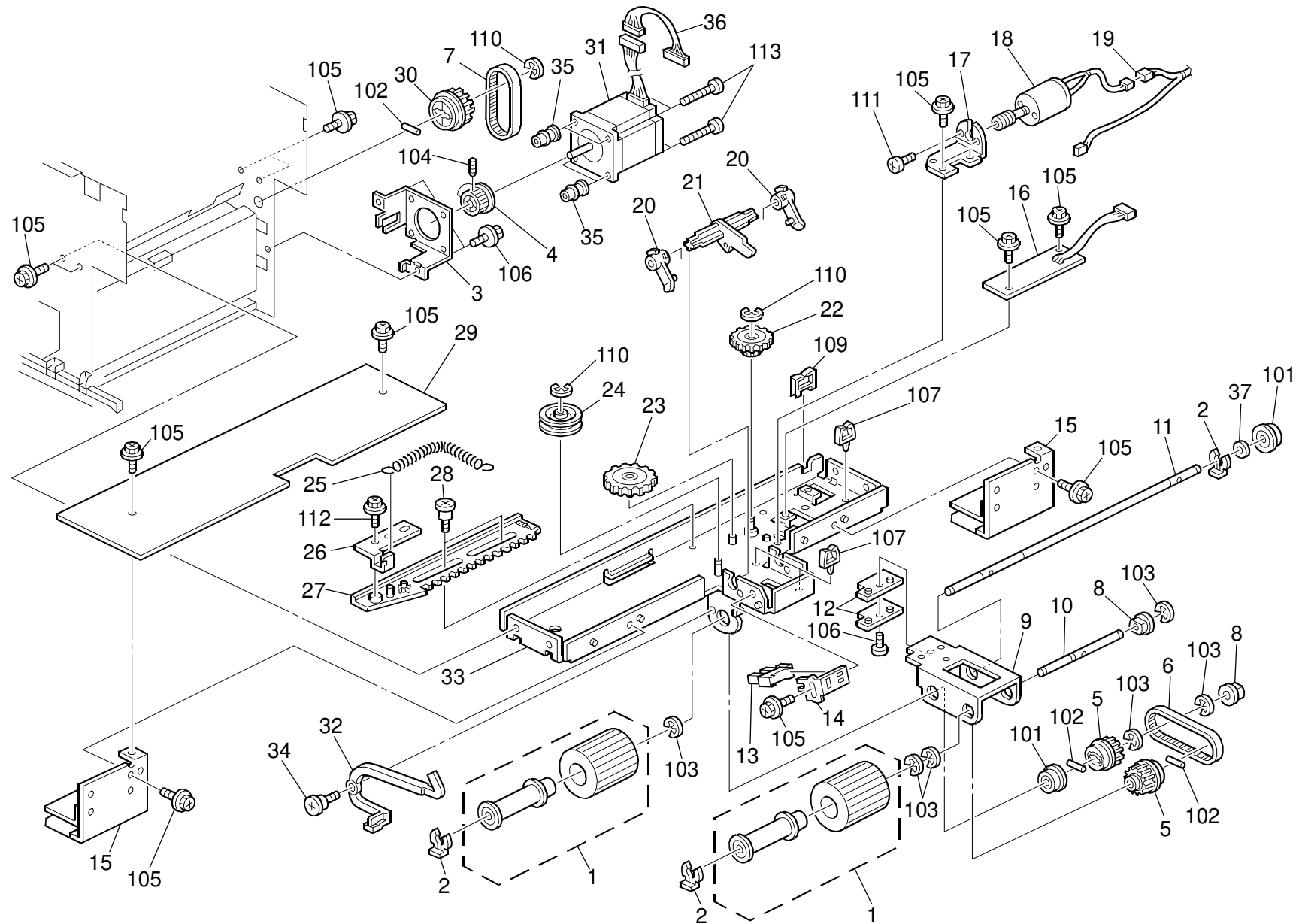


5. Paper Feed Section 2 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C244 2763	Lower Shield Plate	1
2	C244 2764	Lower Shield Plate A	2
3	C244 2765	Lower Shield Plate B	1
4	C244 2762	Upper Shield Plate	1
5	C593 1267	Upper Cover Bracket	2
6	C244 2757	Paper Table Lower Stay	1
7	C244 2755	Lift Up Rack - Paper Table	2
8	C229 2824	Gear - 20Z	2
9	C244 2754	Left Side Plate	1
10	C229 2823	Table Lift Shaft	1
11	C257 5236	Paper Size Harness	1
12	C244 2751	Right Side Plate	1
13	AW02 0141	Photointerruptor:Flat	2
14	C262 5730	Bracket:Lift Motor	1
15	C244 2826	Anchor Paper Tray Right	1
16	C259 5814	DC Motor:Paper Feed Tray:24V	1
17	C244 2759	Stay	1
18	C244 2827	Spring Anchor - Left	1
19	C229 2829	Lift Up Shaft	4
20	5606 2310	Roller	4
21	5053 0223	Bushing - 8mm	2
22	C257 7052	Shoulder Screw - M4	8
23	C244 2799	Screw:Lock:M4	2
24	AW02 0141	Photointerruptor:Flat	1
25	C244 2786	Left Stay - Paper Table	1
26	C244 2815	Left Adjusting Plate	1
27	C244 2817	Pressure Release Arm - Left	1
28	C229 2820	Pressure Release Plate	2
29	C244 2816	Pressure Release Arm - Right	1
30	C244 2814	Right Adjusting Plate	1
31	C244 2785	Right Stay - Paper Table	1
32	C229 2840	Pad	1
33	C244 2811	Bracket:Harness:Paper Tray	1
34	C244 2807	Paper Table - Fixed	1
35	C257 2805	Paper Tray	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C257 5233	Motor Harness	1
37	C239 2820	Paper Feed Guide Plate Cover	2
101	0453 4008N	Binding Self Tapping Screw:4x8	
102	0354 0050N	Screw - M4x5	
103	0450 4025N	Tapping Screw:4x25	
104	0720 0050E	Retaining Ring - M5	
105	0451 4006N	Tapping Screw - M4x6	
106	0353 0040N	Screw - M3x4	
107	1105 0229	Clamp	
108	0451 3006N	Tapping Screw - 3x6	
109	1105 0005	Nylon Clamp - 3n	
110	1105 0310	Harness Clamp - LWS-1S	

6.Paper Feed Section 3 (C639)

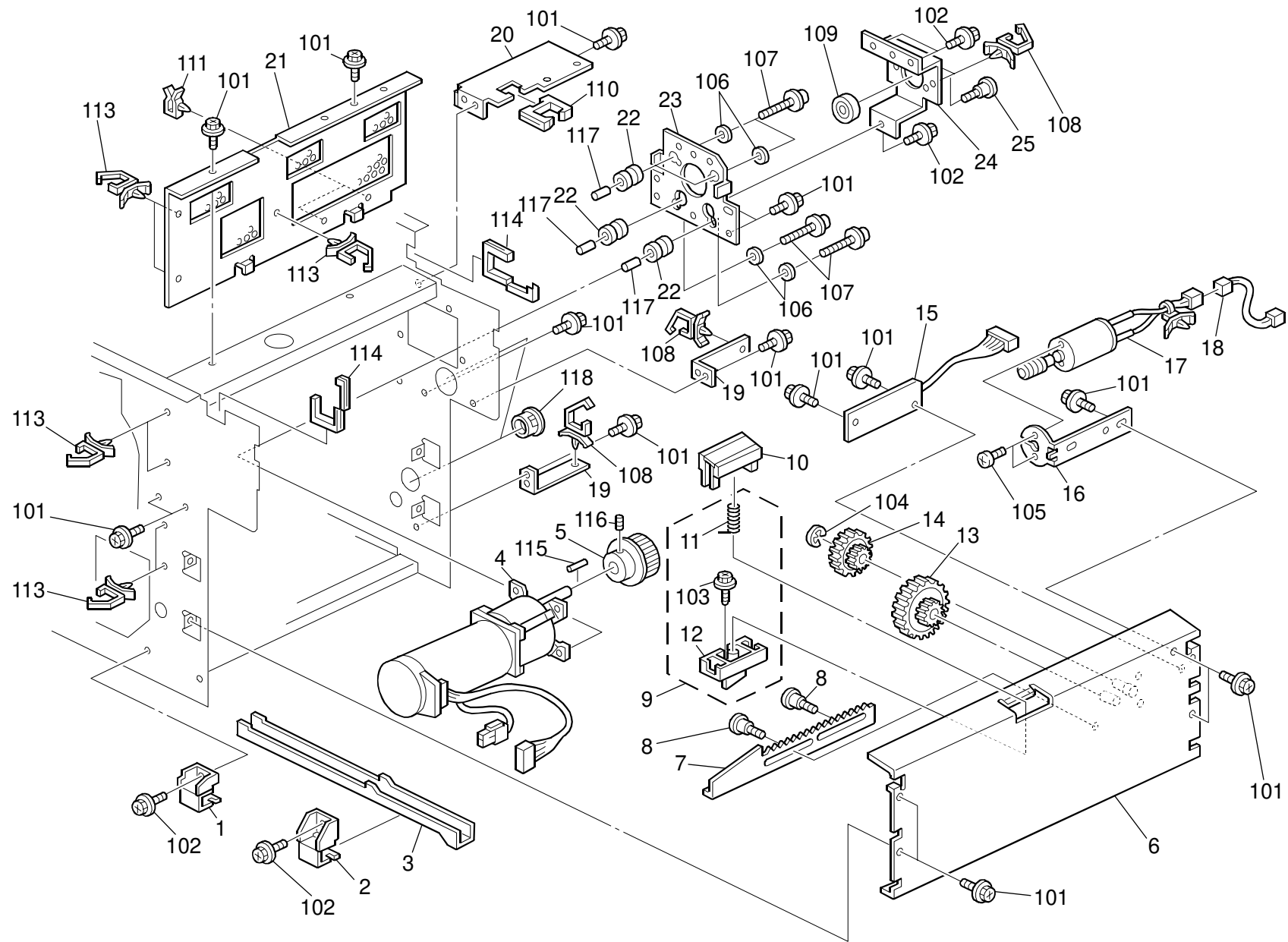


6.Paper Feed Section 3 (C639)

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	C244 5731	Paper Feed Motor Bracket	1
4	C229 2946	Motor Pulley	1
5	C229 2950	Feed Roller Drive Pulley	2
6	C244 2949	Timing Belt:75-MXL-8.0	1
7	C229 2948	Timing Belt - 80-XL-050	1
8	5053 0223	Bushing - 8mm	2
9	C244 2823	Arm:Paper Feed	1
10	C244 2838	Shaft:Pickup	1
11	C244 2836	Shaft:Paper Feed Roller	1
12	C257 2835	Paper Feed Arm Balancer	2
13	AW02 0141	Photointerruptor:Flat	1
14	C244 2866	Height Sensor Bracket	1
15	C244 2845	Paper Feed Guide Plate	2
16	C257 5157	PCB:Paper Feed Pressure	1
17	C244 5734	Feed Pressuer Motor Bracket	1
18	C259 5827	DC Motor:3.7W:DIA25.4	1
19	C639 5206	Harness:Paper Feed Pressure:Ass'y	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	C244 2860	Spring Bracket	1
27	C229 2858	Separation Control Rack	1
28	C244 2455	Screw:Safety	2
29	C639 1325	Separation Plate:Paper Feed Roller	1
30	C229 2947	Drive Pulley - Paper Separation	1
31	C257 5817	Stepper Motor Mm56x64	1
32	C244 2864	Feeler:Paper Feed Roller	1
33	C244 2850	Paper Feed Stay	1
34	C612 1908	Screw:Guide:Lens	1
35	C403 1899	Rubber Bushing - M4	4

Index No.	Part No.	Description	Q'ty Per Assembly
36	C639 5231	Harness:Connecting:Paper Feed:Ass'y	1
37	C257 7055	Washer:Dia8.1	
101	0805 3368	Ball Bearing - 8x16x5mm	
102	0633 0140G	Parallel Pin - 3x14	
103	0720 0050E	Retaining Ring - M5	
104	0574 0040E	Hexagon Headless Set Screw - M4x4	
105	0451 4006N	Tapping Screw - M4x6	
106	0354 0080N	Screw:M4x8	
107	1105 0199	Clamp	
108	1105 0230	Clamp	
109	1105 0329	Clamp - ES-0510	
110	0720 0060E	Retaining Ring - M6	
111	0353 0040N	Screw - M3x4	
112	0450 4006N	Tapping Screw:4x6	
113	0354 0140N	Screw M4x14	

7.Paper Feed Section 4 (C639)

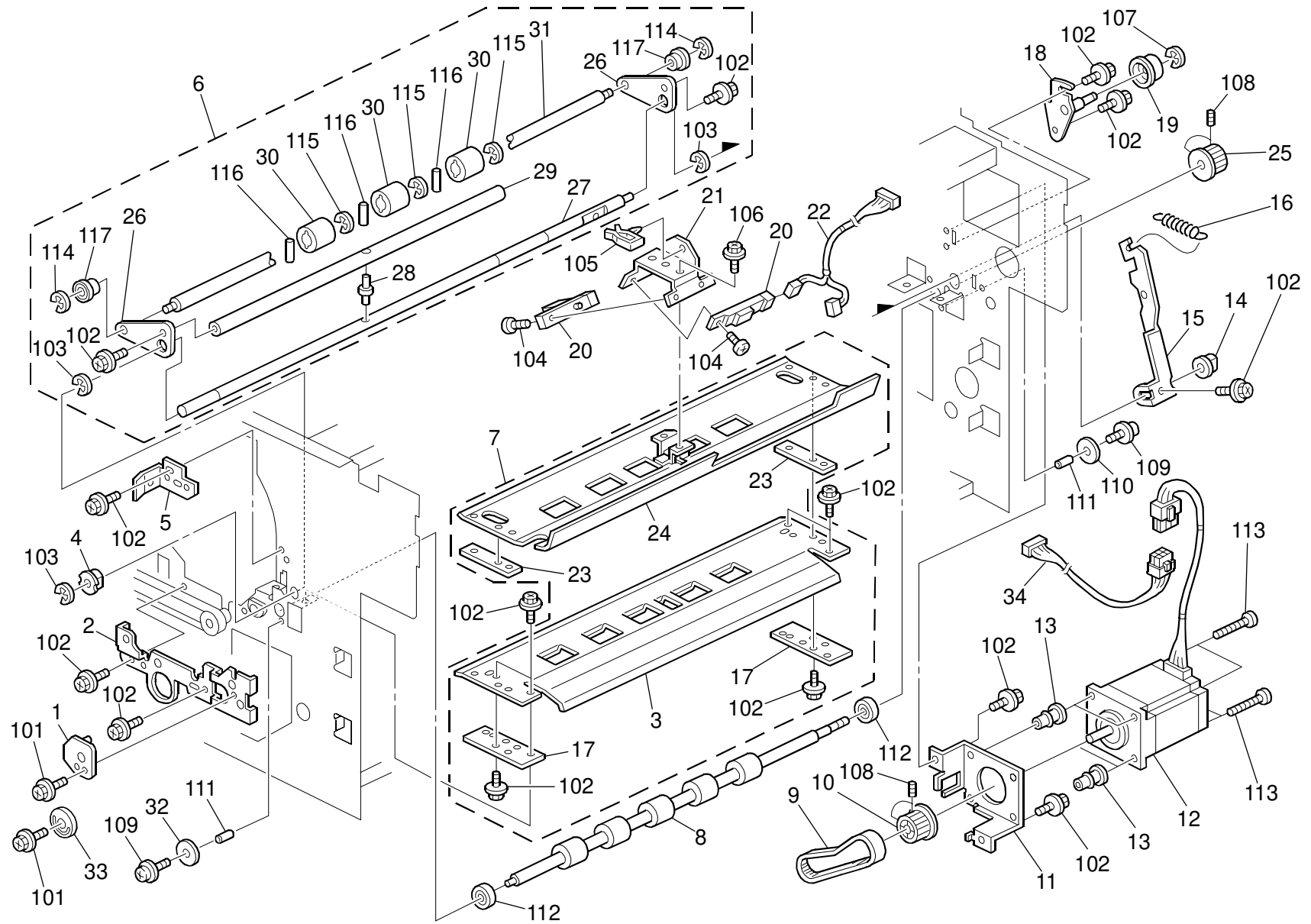


7.Paper Feed Section 4 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 1074	Bracket:Grip:Machine:Inner	1
2	C639 1079	Bracket:Grip:Machine:Outer	1
3	C244 1070	Grip Plate - Long	1
4	C593 5800	Motor - DC 180W	1
5	C639 1652	Timing Pulley:Brushless Motor:Main	1
6	C639 2871	Drum Stay:Front:Paper Feed:Ass'y	1
7	C229 2858	Separation Control Rack	1
8	C612 1908	Screw:Guide:Lens	2
9	C229 2870	Paper Pressure Lever Ass'y	1
10	C233 2883	Separation Pad Ass'y	1
11	C229 2878	Pressure 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	C257 5157	PCB:Paper Feed Pressure	1
16	C639 2884	Bracket:Motor:Separation Change	1
17	C259 5827	DC Motor:3.7W:DIA25.4	1
18	C639 5238	Harness:Separation:Motor:Ass'y	1
19	C639 5661	Bracket:Harness	2
20	C639 1297	Bracket:Cover:Rear:Upper Right	1
21	C639 2970	Separation Plate:Paper Feed:Ass'y	1
22	C593 1740	Cushion - Main Motor	4
23	C639 1651	Bracket:Brushless Motor	1
24	C639 1655	Bracket:Ball Bearing	1
25	5446 3648	Stepped Screw - M4	4

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - M4x6	
102	0451 4008N	Tapping Screw:4x8	
103	0450 3006N	Tapping Screw - M3x6	
104	0720 0060E	Retaining Ring - M6	
105	0353 0040N	Screw - M3x4	
106	0807 4083	Washer 5mm	
107	0951 5025N	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 - Eds25l	
115	0930 0402G	Parallel Key - 4x4x16	
116	0575 0080E	Hexagon Headless Set Screw - M5x8	
117	0707 6140N	Bushing:6x14	
118	1106 0349	Bushing - 25	

8.Paper Feed Section 5 (C639)

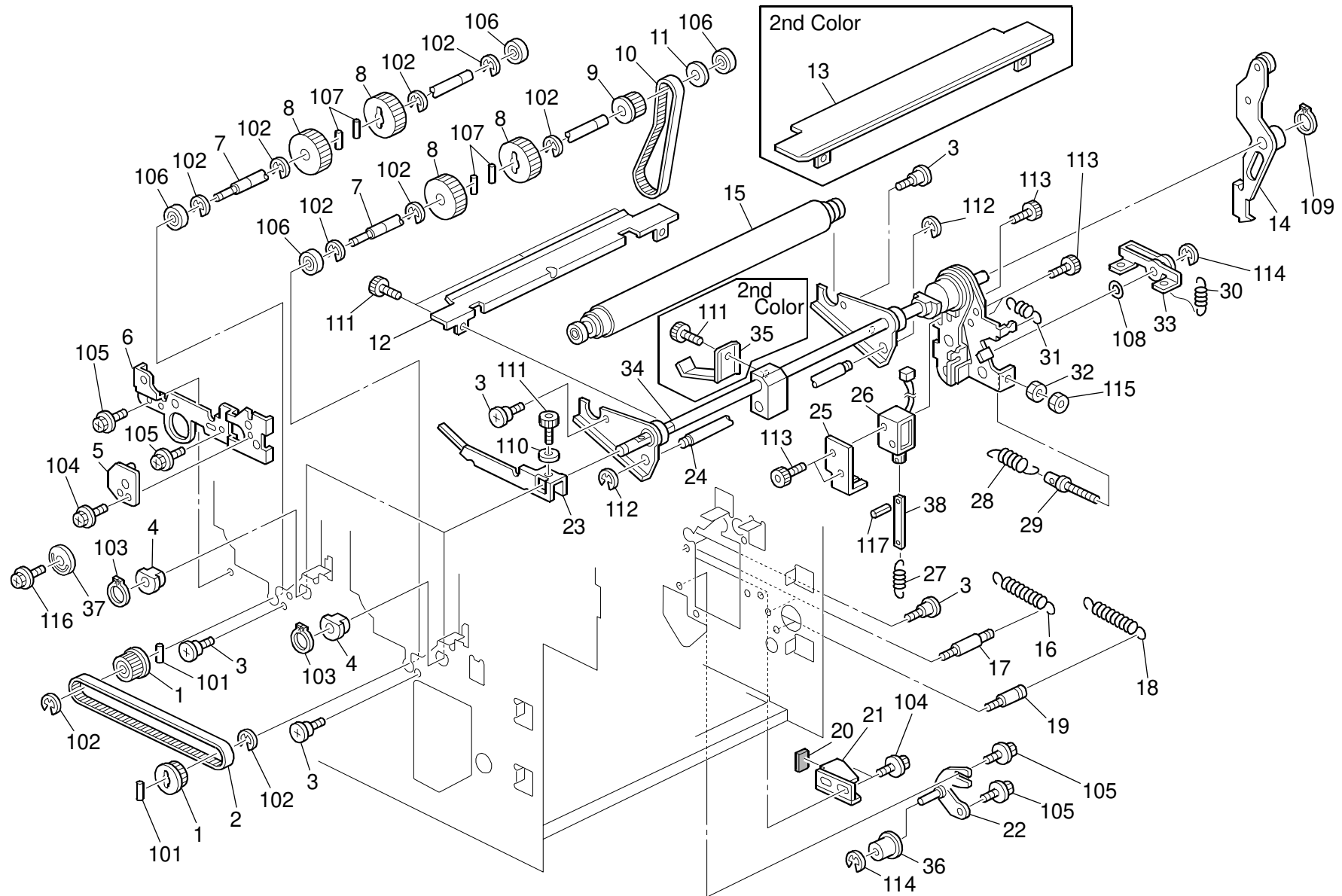


8.Paper Feed Section 5 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C229 2626	Drum Position Plate - Small	1
2	C639 2627	Bracket:Standard:Drum	1
3	C593 2918	Lower Feed Guide Plate	1
4	5409 2871	Bushing - Separator Roller	1
5	C593 2616	Drum Pin Bracket	1
6	C639 2891	Feed Roller:Upper:Ass'y	1
7	C639 2909	Guide Plate:Feed Roller:Ass'y	1
8	C229 2906	Lower Registration Roller	1
9	C593 2948	Timing Belt - 104-XL-050	1
10	C232 2946	Pulley - 20Z	1
11	C244 5731	Paper Feed Motor Bracket	1
12	C258 5815	Stepper Motor Mm56*76	1
13	C403 1899	Rubber Bushing - M4	4
14	5053 0223	Bushing - 8mm	1
15	C639 2925	Cam Follower:Feed Roller:Ass'y	1
16	C593 2901	Tension Spring - Pressure Feed Roller	1
17	C593 2917	Adjusting Guide Plate	2
18	C639 2962	Belt Tensioner:Feed Roller:Ass'y	1
19	C244 1145	Roller:Belt Tensioner:Ass'y	1
20	C257 5807	Photo Refiection Sensor:GP2A25	2
21	C639 2921	Bracket:Registration Sensor	1
22	C639 5225	Harness:Connecting:Leading Edge	1
23	C639 2919	Spacer:Guide Plate:Feed Roller	2
24	C639 2910	Guide Plate:Feed Roller:Upper:Ass'y	1
25	C229 2907	Registration Roller Pulley - 14z	1
26	C639 2893	Arm:Feed Roller:Upper	2
27	C593 2900	Upper Feed Roller Swivel Shaft	1
28	C593 2766	Pin-upper Feed Roller	1
29	C593 2898	Upper Feed Roller Arm Shaft	1
30	C593 2896	Upper Feed Roller	3
31	C593 2895	Upper Feed Roller Shaft	1
32	C257 7051	Washer	1
33	C639 2628	Drum:Side Plate	1
34	C639 5232	Harness:Connecting:Feed:Ass'y	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4008N	Tapping Screw:4x8	
102	0451 4006N	Tapping Screw - M4x6	
103	0720 0080E	Retaining Ring - M8	
104	0453 3006N	Tapping Screw - M3x6	
105	1105 0283	Clamp	
106	0451 3006N	Tapping Screw - 3x6	
107	0720 0060E	Retaining Ring - M6	
108	0574 0040E	Hexagon Headless Set Screw - M4x4	
109	0354 0080N	Screw:M4x8	
111	0707 4035N	Bushing:4x3.5	
112	0740 3008	Ball Bearing - 8x22x7	
113	0354 0140N	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	

9. Pressure Roller Section 1 (C639)

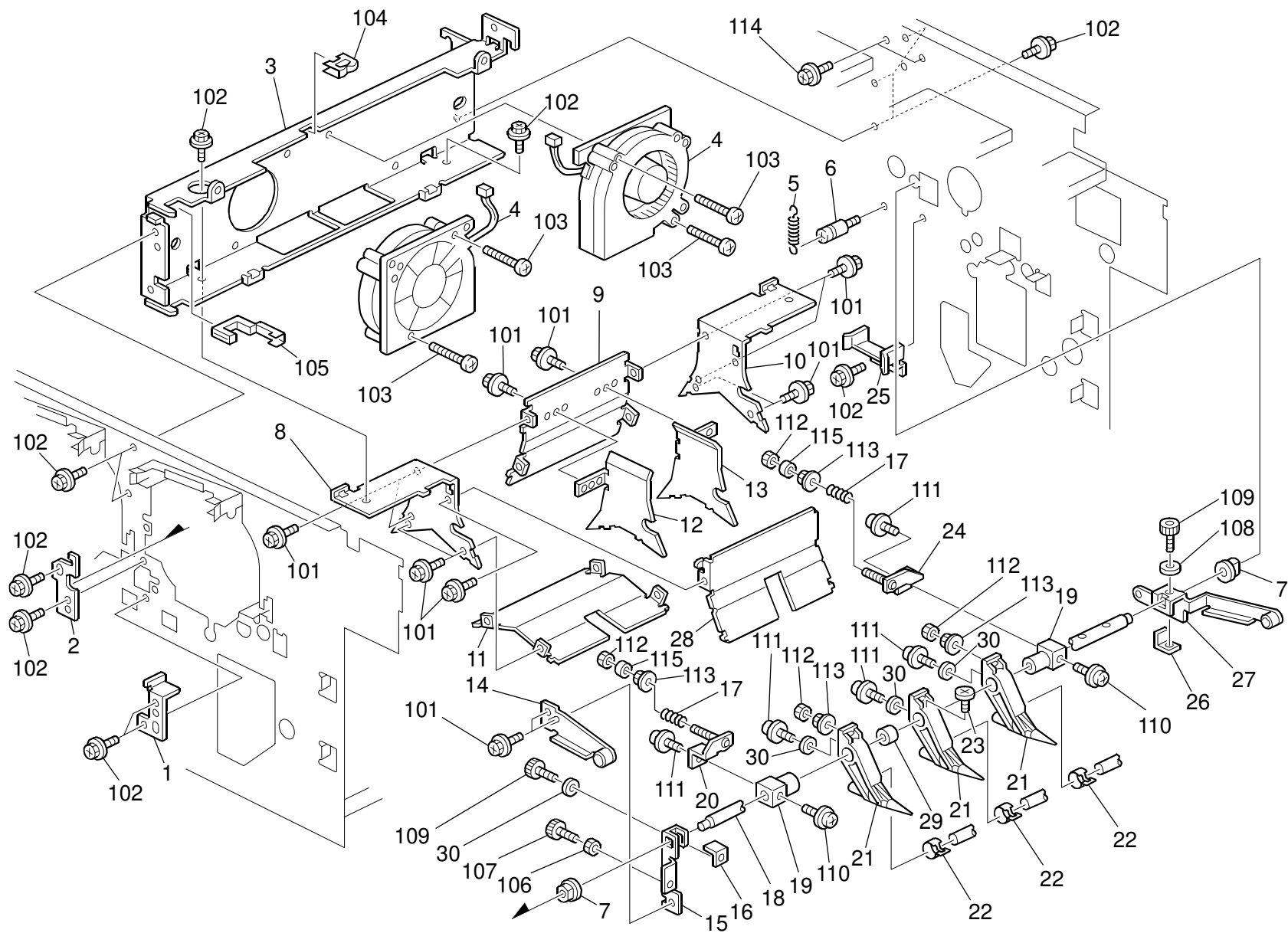


9. Pressure Roller Section 1 (C639)

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	C639 2627	Bracket:Standard:Drum	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	C639 3080	Guide Plate:No.1:Pressure Roller	1
13	C639 3081	Guide Plate:No.2:Pressure Roller	1
14	C639 3053	Cam Follower:Pressure:Ass'y	2
15	C593 3097	Pressure Roller	2
16	C593 3069	Tension Spring	2
17	C244 2826	Anchor Paper Tray Right	2
18	C593 3070	Tension Spring	2
19	C244 2827	Spring Anchor - Left	2
20	C639 3138	Sheet:Stopper	4
21	C639 3063	Stopper:Pressure	2
22	C639 3108	Belt Tensioner:Drive:Turn:Ass'y	1
23	C639 3095	Arm:Release:Pressure Roller	2
24	C593 3094	Arm Shaft	2
25	C593 3065	Stopper - Control Instrumentation	2
26	C639 5803	DC Solenoid:Control Instrumentation:Pressure	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	C639 3019	Transfer Unit:Drive Pressure Roller	1
35	C639 3096	Bracket:Rewinding:Guide Plate	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C244 1145	Roller:Belt Tensioner:Ass'y	1
37	C639 2628	Drum:Side Plate	1
38	C639 3064	Link:Control Instrumentation:Pressure	1
101	0632 0120G	Parallel Pin - 2x12	
102	0720 0040E	Retaining Ring - M4	
103	0725 0140E	Retaining Ring (C Type) - M14	
104	0451 4008P	Tapping Screw - 4x8	
105	0451 4006N	Tapping Screw - M4x6	
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 0040N	Washer:DIA4	
111	0594 0060E	Socket Screw - 4X6	
112	0720 0080E	Retaining Ring - M8	
113	0593 0040N	Hexagonal Set Screw M3x4	
114	0720 0060E	Retaining Ring - M6	
115	0710 0060N	Hexagonal Nut:M6	
116	0451 4008N	Tapping Screw:4x8	
117	0623 0120E	Spring Pin - M3x12	

10.Paper Transport 1 (C639)

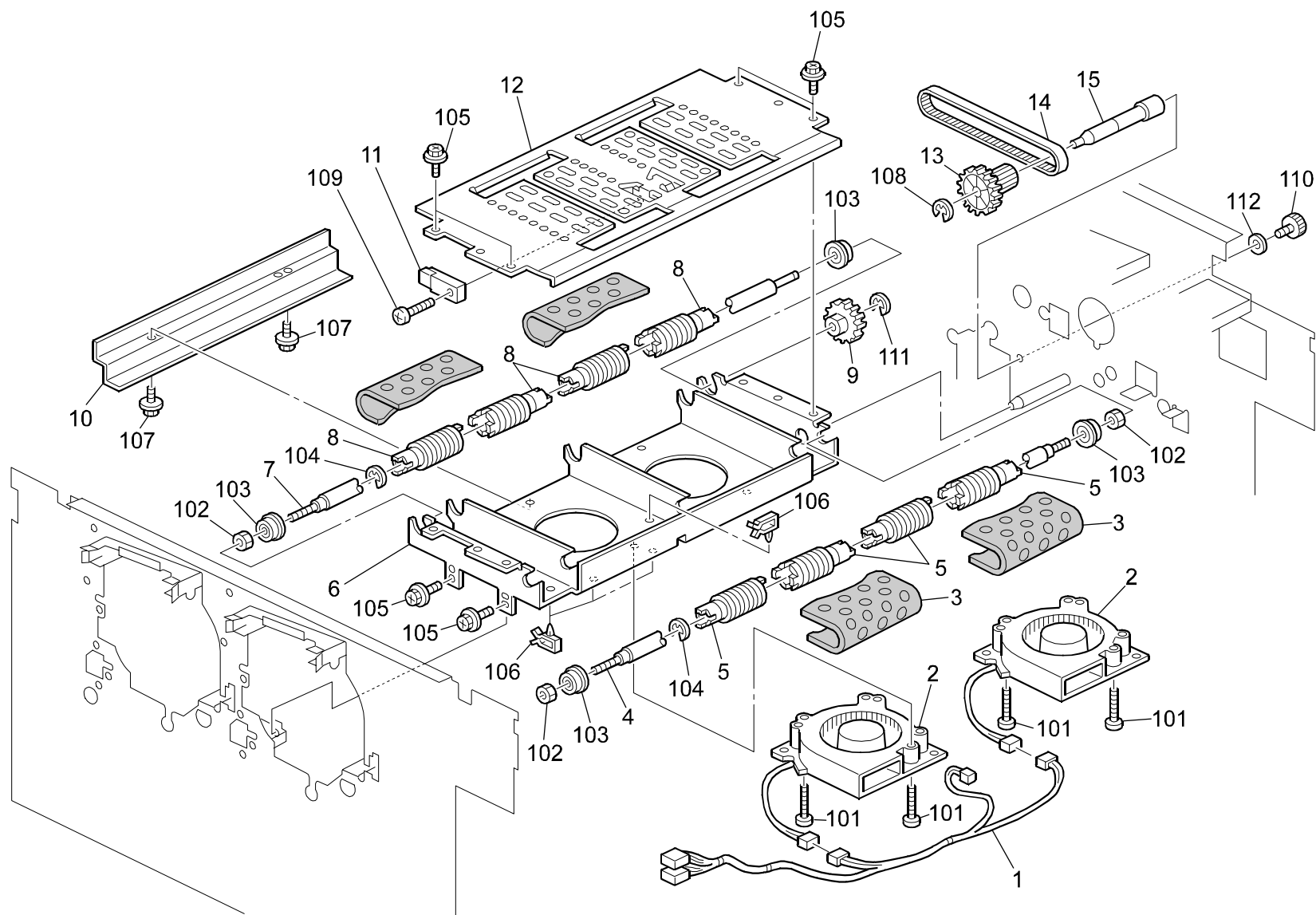


10.Paper Transport 1 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 3936	Bracket:Stopper:Pickoff Pawl	1
2	C639 3917	Bracket:Shaft:Pickoff Pawl	1
3	C639 3907	Bracket:Fan	1
4	C259 5824	Fan:DC24V:0.5A	2
5	C593 3910	Tension Arm Spring - Pickoff Pawl	1
6	C639 2266	Anchor:Spring:Leading Edge	1
7	5053 0447	Bushing - 6mm	2
8	C639 3900	Side Plate:No.1:Front:Duct	1
9	C639 3904	Cover:No.1:Left	1
10	C639 3901	Side Plate:No.1:Rear:Duct	1
11	C639 3903	Cover:No.1:Lower	1
12	C639 3905	Separation Plate:No.1:Front	1
13	C639 3906	Separation Plate:No.1:Rear	1
14	C639 3914	Arm:Release:Adjusting Pin:Ass'y	1
15	C639 3913	Stopper:Arm:Pickoff Pawl	1
16	C639 3948	Spacer:Stopper:Arm:Pickoff Pawl	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	C639 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	C639 3957	Plate:Pickoff Pawl:Rear:Welding	1
25	C639 3937	Guide:Hose	1
26	C639 3947	Spacer:Arm:Swivel:Pickoff Pawl	1
27	C639 3960	Arm:Swivel:Ass'y	1
28	C639 3902	Louver:No.1:Front	1
29	C593 3926	Middle Sleeve - Pickoff Pawl	1
30	C639 3946	Washer:Pickoff Pawl	5

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0451 4006N	Tapping Screw - M4x6	
103	0314 0350N	Pan Head Screw:M4x35	
104	1105 0328	Harness Clamp - ES-0505	
105	1105 0334	Edge - 17	
106	0710 0040N	Hexagonal Nut:M4	
107	0584 0141N	Hexagonal Head Bolt:M4x14	
108	0701 0030N	Washer DIA3	
109	0593 0080E	Bolt - M3x8	
110	0951 3012N	Screw:Polished Round:M3x12	
111	0951 3005N	Screw:Polished Round:M3x5	
112	0710 0030N	Hexagonal Nut:M3	
113	0804 9046	Nut - M3	
114	0451 4008P	Tapping Screw - 4x8	
115	0707 3020N	Bushing:3x2	

11.Paper Transport 2 (C639)

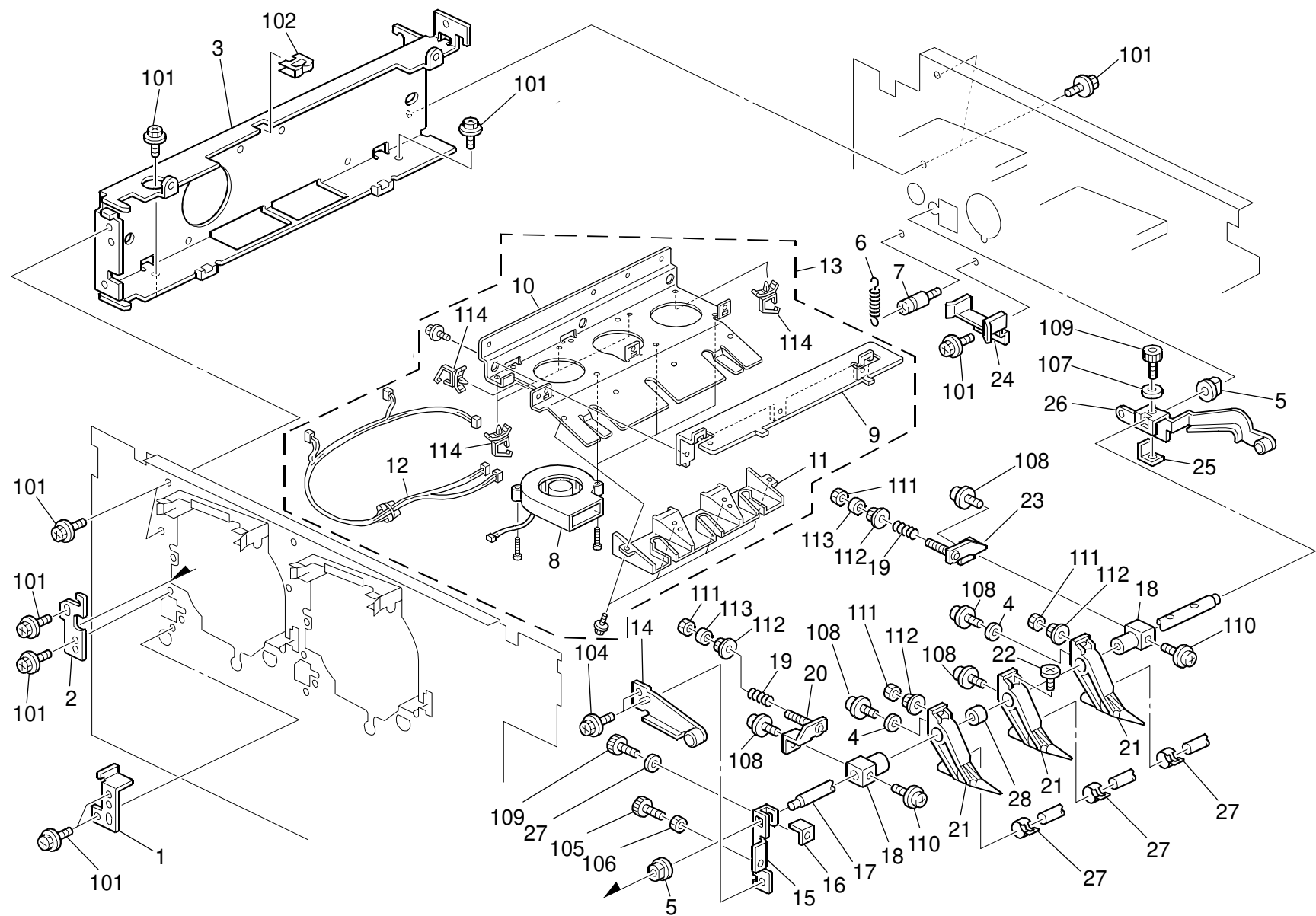


11.Paper Transport 2 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 5222	Harness:Intermediate Transfer:Ass'y	1
2	C259 5824	Fan:Dc24V:0.5A	2
3	C593 3861	Middle Transport Belt - 80B	2
4	C593 3854	Middle Driven Shaft	1
5	C593 3851	Middle Driven Roller	4
6	C639 3856	Base:Middle:Transport:Ass'y	1
7	C593 3852	Middle Drive Shaft	1
8	C593 3850	Middle Drive Roller	4
9	C217 4580	Gear - Doctor Roller Drive	1
10	C639 3860	Separation Plate:Base:Transport	1
11	AW01 0109	Photo Refiection Sensor:PS117ED1	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 0350N	Pan Head Screw:M4x35	
102	0710 0040N	Hexagonal Nut:M4	
103	0741 3506	Ball Bearing - 6x12x4 Mm	
104	0720 0070E	Retaining Ring - M7	
105	0451 4006N	Tapping Screw - M4x6	
106	1105 0283	Clamp	
107	0451 3006N	Tapping Screw - 3x6	
108	0720 0100E	Retaining Ring - M10	
109	0951 3014N	Screw Polished Round M3x14	
110	0594 0080E	Bolt - M4x8	
111	0720 0040E	Retaining Ring - M4	
112	0701 0040N	Washer:DIA4	

12.Paper Exit Section 1 (C639)

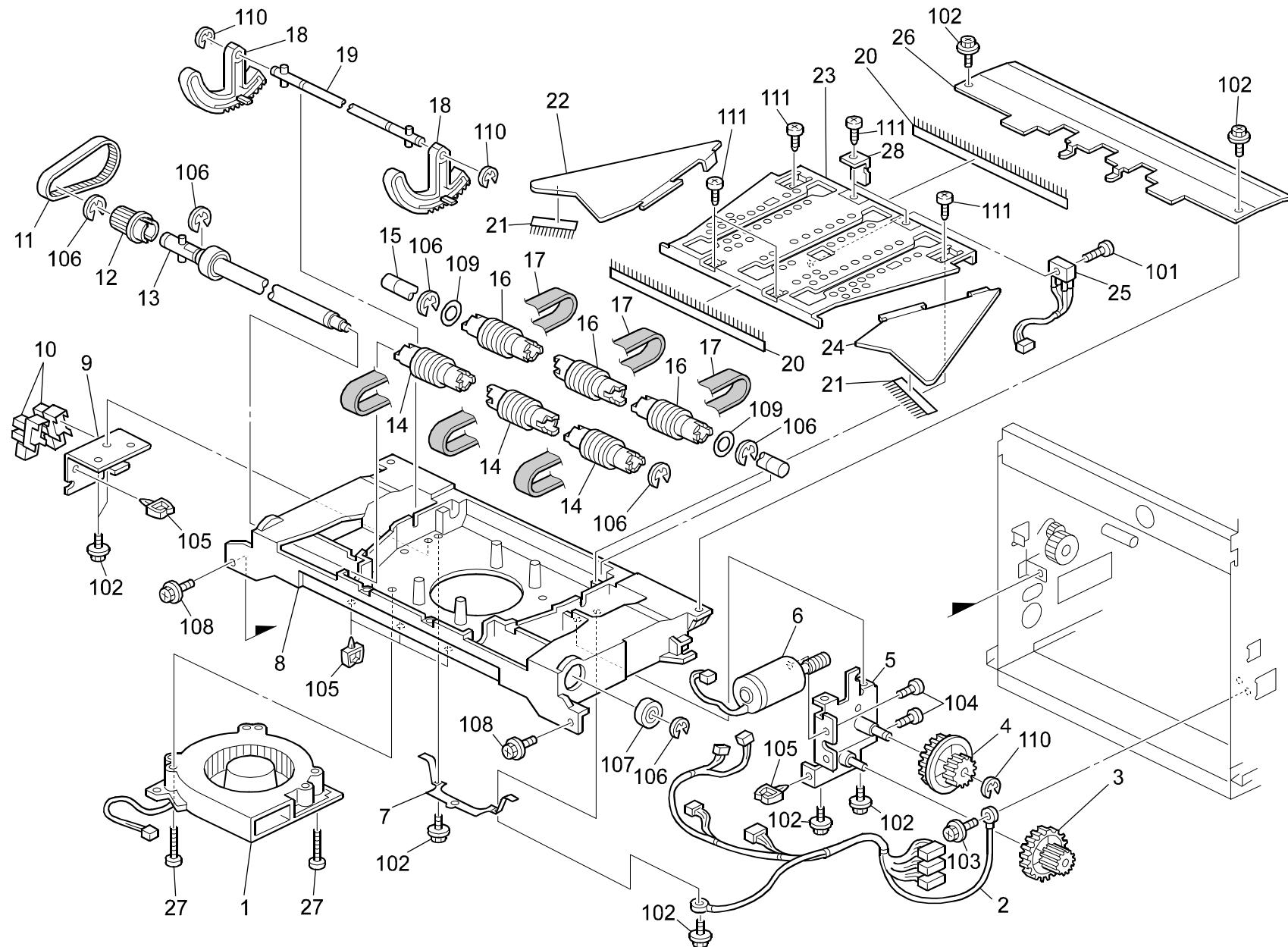


12.Paper Exit Section 1 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 3936	Bracket:Stopper:Pickoff Pawl	1
2	C639 3917	Bracket:Shaft:Pickoff Pawl	1
3	C639 3907	Bracket:Fan	1
4	C639 3946	Washer:Pickoff Pawl	1
5	5053 0447	Bushing - 6mm	2
6	C593 3910	Tension Arm Spring - Pickoff Pawl	1
7	C639 2266	Anchor:Spring:Leading Edge	1
8	C236 5824	Fan Motor - DC 20.4W	3
9	C593 4091	2nd Air Knife Bracket	1
10	C593 4092	2nd Air Knife Fan Bracket	1
11	C593 4093	2nd Air Knife Duct	1
12	C593 5230	2nd Air Knife Fan Relay Harness	1
13	C639 4090	Air Knife Unit:NO.2:Ass'y	1
14	C639 3914	Arm:Release:Adjusting Pin:Ass'y	1
15	C639 3913	Stopper:Arm:Pickoff Pawl	1
16	C639 3948	Spacer:Stopper:Arm:Pickoff Pawl	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	C639 3956	Pickoff Pawl:Front:Welding	1
21	C593 3920	Pickoff Pawl Ass'y	3
22	C593 3919	Stepped Screw	1
23	C639 3957	Plate:Pickoff Pawl:Rear:Welding	1
24	C639 3937	Guide:Hose	1
25	C639 3947	Spacer:Arm:Swivel:Pickoff Pawl	1
26	C639 3961	Arm:Swivel:Ass'y	1
27	C209 4711	Hose Band	3
28	C593 3926	Middle Sleeve - Pickoff Pawl	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - M4x6	
102	1105 0328	Harness Clamp - ES-0505	
103	0314 0350N	Pan Head Screw:M4x35	
104	0354 0350N	Screw:M4x35	
105	0584 0141N	Hexagonal Head Bolt:M4x14	
106	0710 0040N	Hexagonal Nut:M4	
107	0701 0030N	Washer DIA3	
108	0951 3005N	Screw:Polished Round:M3x5	
109	0593 0080N	Hexagonal Set Screw:M3x8	
110	0951 3012N	Screw:Polished Round:M3x12	
111	0710 0030N	Hexagonal Nut:M3	
112	0804 9046	Nut - M3	
113	0707 3020N	Bushing:3x2	
114	1105 0534	Clamp:LWSM-0605	

13. Paper Exit Section 2 (C639)

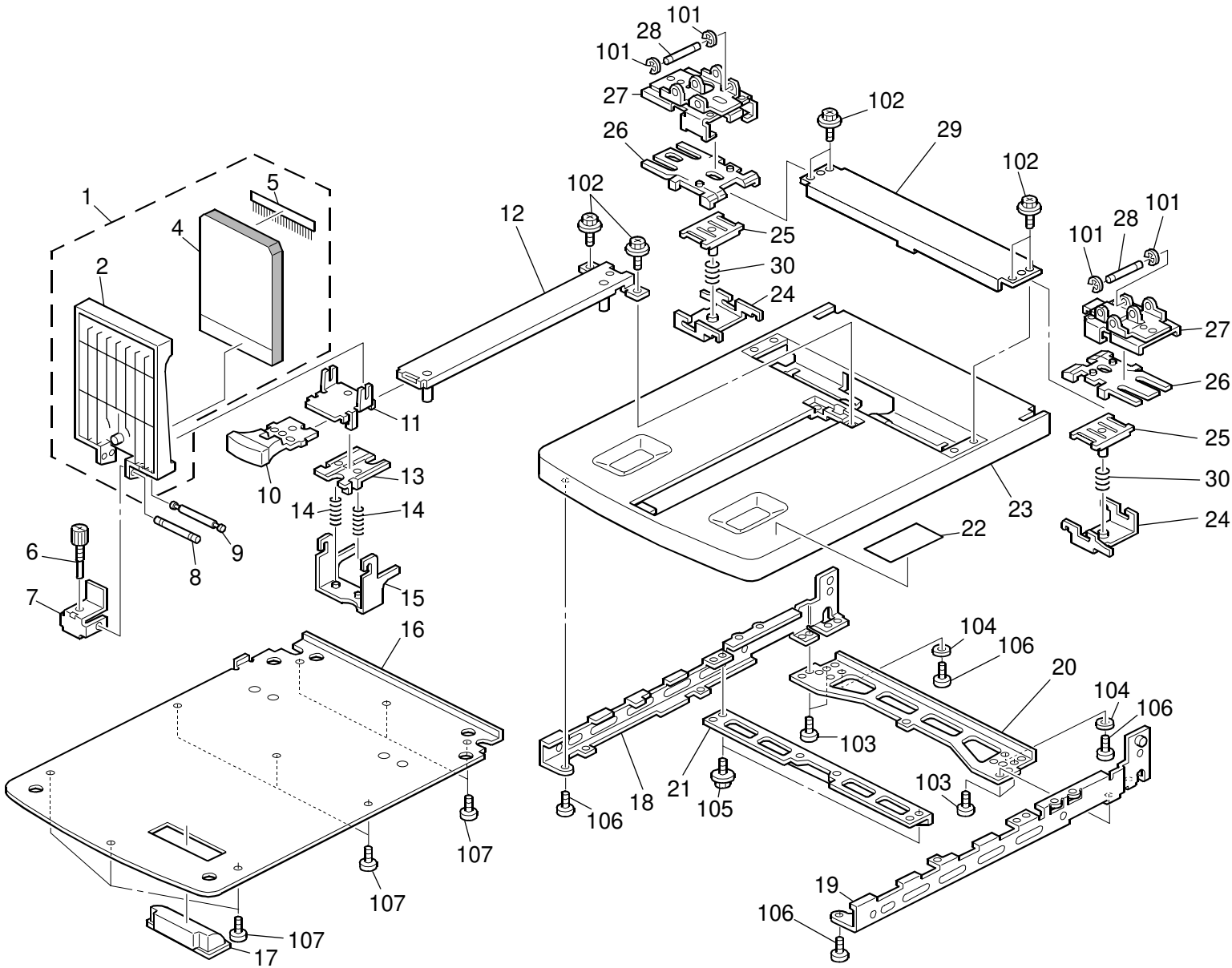


13.Paper Exit Section 2 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C259 5824	Fan:DC24V:0.5A	1
2	C257 5222	Paper Exit Unit Harness	1
3	C229 3145	Worm Wheel:50Z:Gear:16Z	1
4	C229 3911	Gear:Hale:Z25Z51	1
5	C244 3913	Bracket:Adjusting Plate:Drive:Ass'y	1
6	C259 5804	DC Motor:2.0W:MM32	1
7	C593 4112	Grounding Plate	1
8	C257 4101	Paper Exit Unit Duct	1
9	C593 4108	Wing Position Sensor Bracket	1
10	AW02 0141	Photointerruptor	2
11	C229 1139	Timing Belt - S2M190	1
12	C229 3872	Timing Pulley:Small:Drive:Hale Unit	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	C244 3912	Sector:Adjusting Plate:Moveable:Hale	2
19	C244 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	C257 3851	Drum Stay	1
24	C593 4106	Front Vacuum Plate	1
25	AW01 0109	Photo Refiection Sensor:PS117ED1	1
26	C593 4070	Exit Pawl	1
27	C244 4111	Tapping Screw	2
28	C593 4113	Grounding Plate	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0252 0080N	Pan Head Screw:M2x8	
102	0450 4008N	Tapping Screw - M4x8	
103	0451 4006N	Tapping Screw - M4x6	
104	0353 0040B	Screw - M3x4	
105	1105 0511	Harness Clamp - LWS-0306ZC	
106	0720 0080E	Retaining Ring - M8	
107	0740 3010	Ball Bearing - 10x26x8mm	
108	0451 4008P	Tapping Screw - 4x8	
109	0807 7013	Spacer - 10.2x14x0.2 MM	
110	0720 0040E	Retaining Ring - M4	
111	0452 3006N	Binding Self-Tapping Screw:3x6	

14.Paper Exit Section 3 (C639)



14.Paper Exit Section 3 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C628 4340	End Fence:Adhesion	1
2	C628 4331	End Fence:Sub-ass'y	1
4	C229 4376	End Fence Cushion	1
5	C233 4430	Antistatic Brush	1
6	C250 4150	Fixing Screw	1
7	C250 4377	Bracket:Adjusting Screw:End Fence	1
8	C229 4373	Adjust Shaft	1
9	C250 4086	Shaft:End Fence	1
10	C628 4385	End Fence Grip	1
11	C591 4096	End Fence Slider - UU	1
12	C250 4341	End Fence Rail	1
13	C250 4344	Slider End Fence	1
14	C250 4340	End Fence Spring	2
15	C591 4100	End Fence Slider	1
16	C250 4352	Cover Base	1
17	C250 4353	Paper Exit Grip	1
18	C250 4303	Rear Base	1
19	C250 4300	Front Base	1
20	C250 4306	Right Base	1
21	C250 4305	Left Base	1
22	C250 4197	Decal - Paper Delivery	1
23	C250 4350	Paper Exit Base	1
24	C250 4317	Lower Side Fence	2
25	C250 4310	Lower Guide - Side Fence	2
26	C250 4316	Side Fence Spacer	2
27	C250 4312	Slider Side Fence	2
28	C250 4318	Side Fence Shaft	2
29	C250 4315	Side Fence Rail	1
30	C250 4311	Side Fence Spring	2

Index No.	Part No.	Description	Q'ty Per Assembly
101	0720 0030E	Retaining Ring - M3	
102	0451 3008N	Tapping Screw - M3x8	
103	0453 4006N	Binding Self Tapping Screw:4X6	
104	0701 0030N	Washer DIA3	
105	0451 3006N	Tapping Screw - 3x6	
106	0452 3008N	Tapping Screw - M3x8	
107	0453 3006N	Tapping Screw - M3x6	

This exploded view diagram illustrates the assembly of a mechanical component, likely a door latch or handle. The diagram shows the following parts and their assembly sequence:

- Base Plate (13):** The main mounting plate at the bottom.
- Mounting Bracket (101):** Attached to the base plate using screws (102).
- Internal Mechanism (103):** A complex assembly of internal components, including a spring (104) and various levers and pins (105, 106).
- Handle (105):** The main handle component, which is mounted to the internal mechanism using screws (106).
- Decorative Cap (104):** A decorative cover for the handle, attached using screws (105).
- Internal Components (1-36):** Various small parts, including screws, pins, and levers, which are shown in their relative positions for assembly.

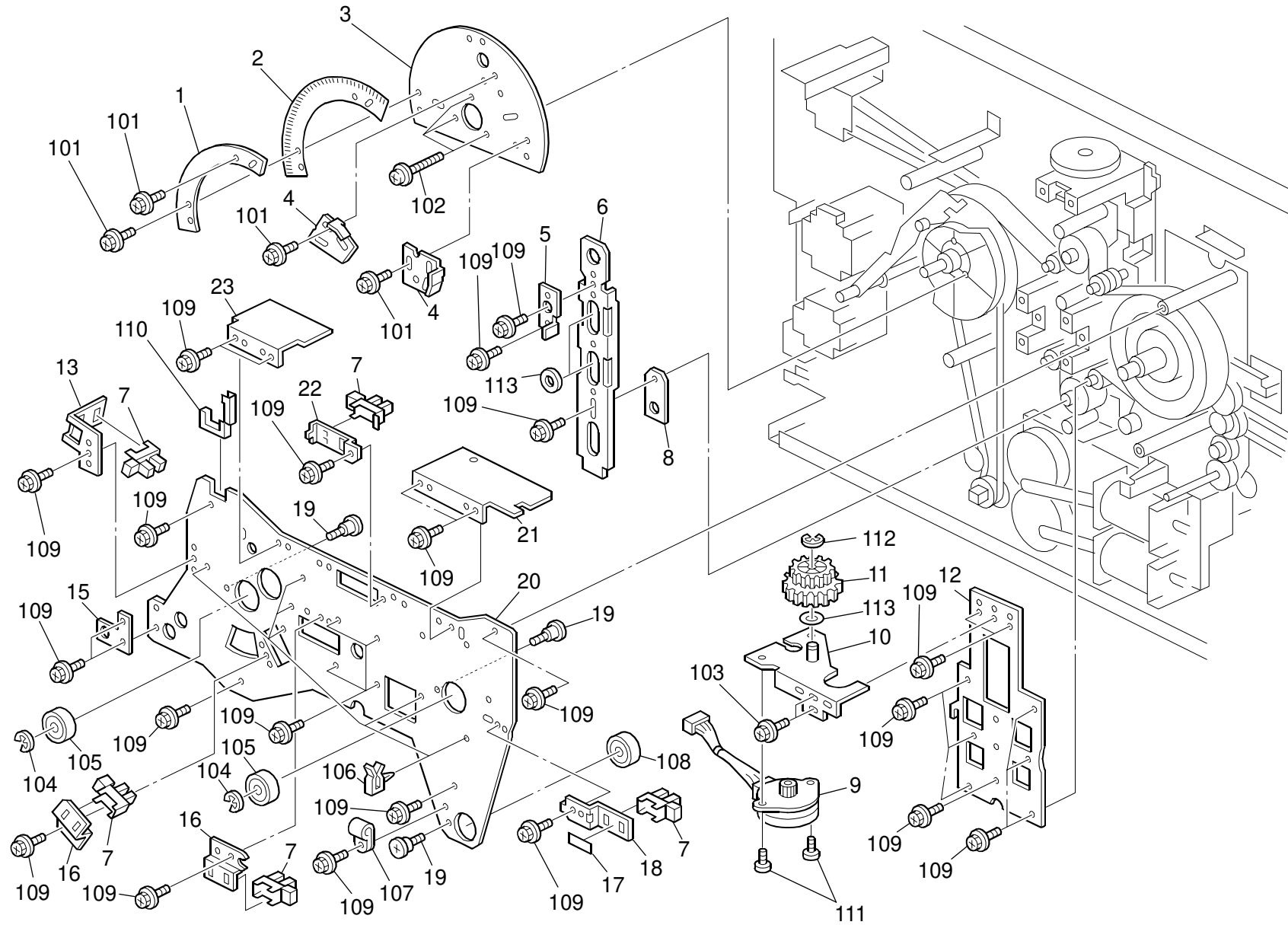
The diagram uses dashed lines to indicate the assembly path and the relative positions of the components. The parts are numbered 1 through 36, and the callouts 101 through 106 are used to identify specific sub-assemblies or components.

15.Paper Exit Section 4 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C250 4387	Grip Case	2
2	C250 4380	Swivel Case Plate	2
3	C250 4381	Swivel Plate	4
4	C250 4382	Balancer Lever	4
5	C250 4383	Swivel Link	4
6	C250 4385	Rear Plate Case	1
7	C250 4370	Rear Side Fence	1
8	C250 4367	Side Fence Case	2
9	C628 4368	Pin:Upper:Side Fence	2
10	C628 4413	Delivery Table Spring	2
11	C628 4414	Pin - Lower Side Fence	2
12	C250 4375	Rear Lower - Side Fence	1
13	C250 4257	Paper Exit Plate Ass'y - Front	1
14	C250 4362	Front Wing	1
15	C250 4392	Spare Side Fence - Front	1
16	C250 4363	Front Wing Link	1
17	C250 4364	Spring Plate Link - Front	1
18	C250 4361	Front Upper - Side Fence	1
19	C250 4390	Front Upper Guide	1
20	C628 4391	Side Fence Guide - Front	1
21	C628 4450	Rear Table Hinge	1
22	C604 4453	Knob Screw	4
23	C628 4440	Front Table Hinge	1
24	C250 4198	Decal - Grip Case	1
25	C250 4360	Front Side Fence	1
26	C250 4371	Rear Upper - Side Fence	1
27	C250 4393	Rear Upper Guide	1
28	C250 4372	Rear Wing	1
29	C250 4373	Rear Wing Link	1
30	C250 4374	Spring Plate Link - Rear	1
31	C250 4365	Front Lower - Side Fence	1
32	C250 4384	Front Plate Case	1
33	C628 4394	Side Fence Guide - Rear	1
34	C250 4395	Spare Side Fence - Rear	1
35	C250 4260	Paper Exit Plate Ass'y - Rear	1

Index No.	Part No.	Description	Q'ty Per Assembly
36	C239 4404	Rear Exit Bracket	1
37	C239 4401	Front Exit Bracket	1
101	0353 0040N	Screw - M3x4	
102	0353 0080N	Screw - M3x8	
103	0452 3008N	Tapping Screw - M3x8	
104	0451 4006N	Tapping Screw - M4x6	
105	0453 4006N	Binding Self Tapping Screw:4X6	
106	0354 0100N	Screw - M4x10	

16. Drive Section 1 (C639)

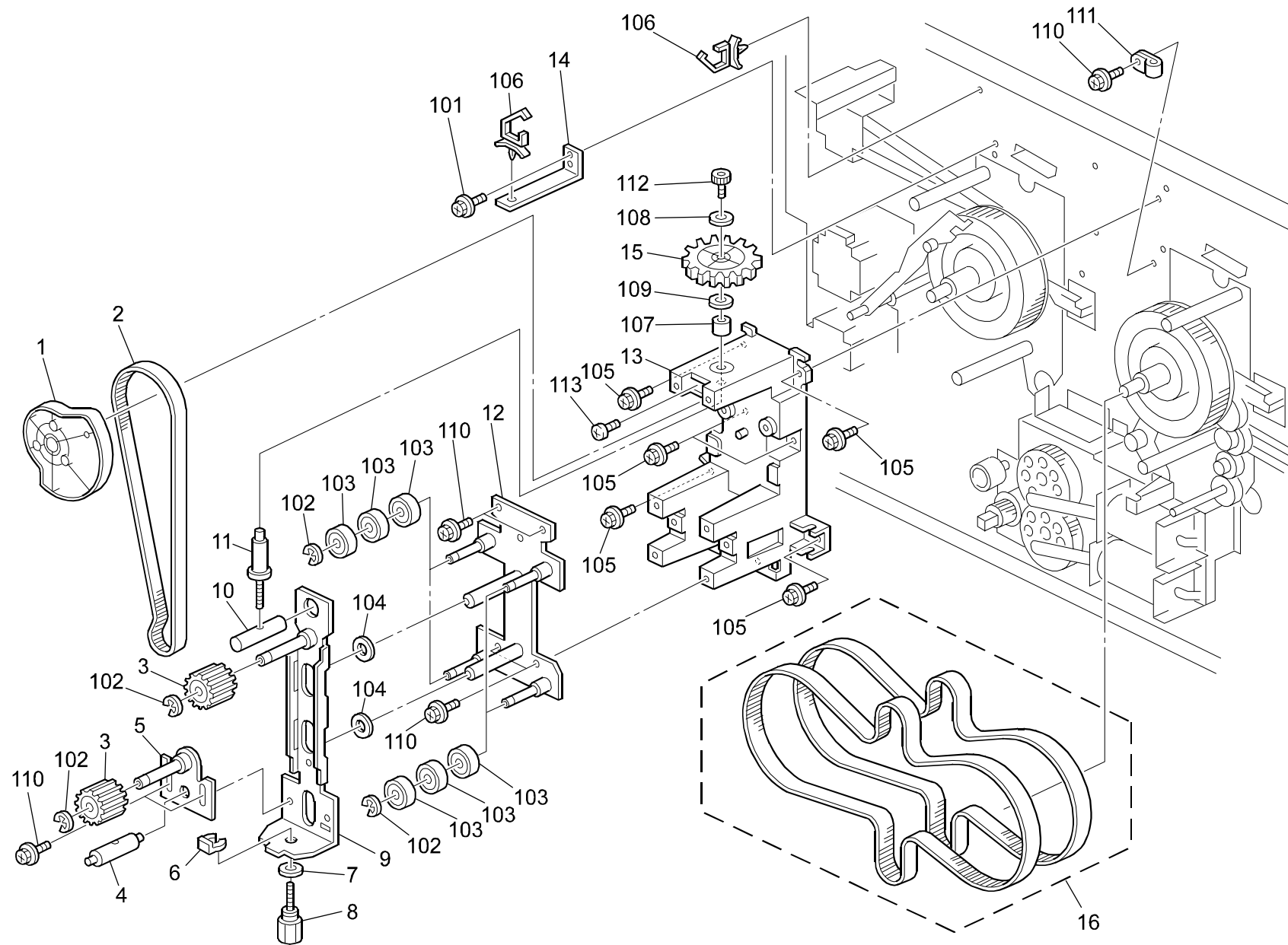


16.Drive Section 1 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C244 3094	Plate:Encoder:Rear	1
2	C244 3093	Paper Feed Control Encoder 450PUL	1
3	C639 1681	Disc:Base:Encoder	1
4	C639 1682	Shielding Plate:Sensor	2
5	C639 1730	Shielding Plate:Hp Sensor	1
6	C639 1729	Bracket:Front:Phase Control	1
7	AW02 0141	Photointerruptor:Flat	1
8	C639 1724	Bracket:Front	1
9	C629 5831	Stepper Motor - DIA42	1
10	C639 1732	Bracket:Drive :Phase Control:Ass'y	1
11	H521 1282	Joint Gear	1
12	C639 1731	Stay:Phase Control	1
13	C639 1691	Bracket:Sensor:Encoder	1
15	C639 2924	Guide Plate:Shaft:Feed Roller:Upper	1
16	C639 1688	Bracket:Sensor:Take Off	2
17	H522 1100	Sensor Guide	1
18	C639 5147	Bracket:Positioning Sensor:Drum	1
19	5446 3648	Stepped Screw - M4	3
20	C639 1692	Side Plate:Auxiliary:Drum Drive	1
21	C639 1736	Cover:Drive Sub-unit:No.2	1
22	C639 2306	Bracket:Sensor	1
23	C639 1735	Cover:Drive Sub-unit:No.1	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 3006N	Tapping Screw - 3x6	
102	0951 4025N	Screw:Polished Round:M4x25	
103	0451 4006N	Tapping Screw - M4x6	
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 4008P	Tapping Screw - 4x8	
110	1105 0334	Edge - 17	
111	0453 3006N	Tapping Screw - M3x6	
112	0720 0040E	Retaining Ring - M4	
113	0807 7039	Spacer - M12	

17. Drive Section 2 (C639)



17. Drive Section 2 (C639)

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	C639 1721	Ass'y	1
6	5215 2621	Snap Ring - M6	1
7	AA13 2013	Spacer	1
8	C593 1727	Adjusting Screw	1
9	C639 1716	Bracket:Base:Moveable:Phase Control	1
10	C593 1725	Adjusting Nut	1
11	C593 1703	Adjusting Screw - Phase Control	1
12	C639 1712	Base:Phase Control:Ass'y	1
13	C639 1704	Frame:Phase Control:Ass'y	1
14	C639 5661	Bracket:Harness	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 4006N	Tapping Screw - M4x6	
102	0720 0080E	Retaining Ring - M8	
103	0740 3010	Ball Bearing - 10x26x8mm	
104	0807 7039	Spacer - M12	
105	0451 4010N	Tapping Screw:4x10	
106	1105 0487	Harness Clamp	
107	0707 8080N	Bushing:DIA8x8	
108	0807 2034	Washer - M3.5	
109	0701 0060N	Washer DIA6	
110	0451 4008P	Tapping Screw - 4x8	
111	1105 0008	Nylon Clamp - 2n	
112	0593 0080N	Hexagonal Set Screw:M3x8	
113	0354 0080N	Screw:M4x8	

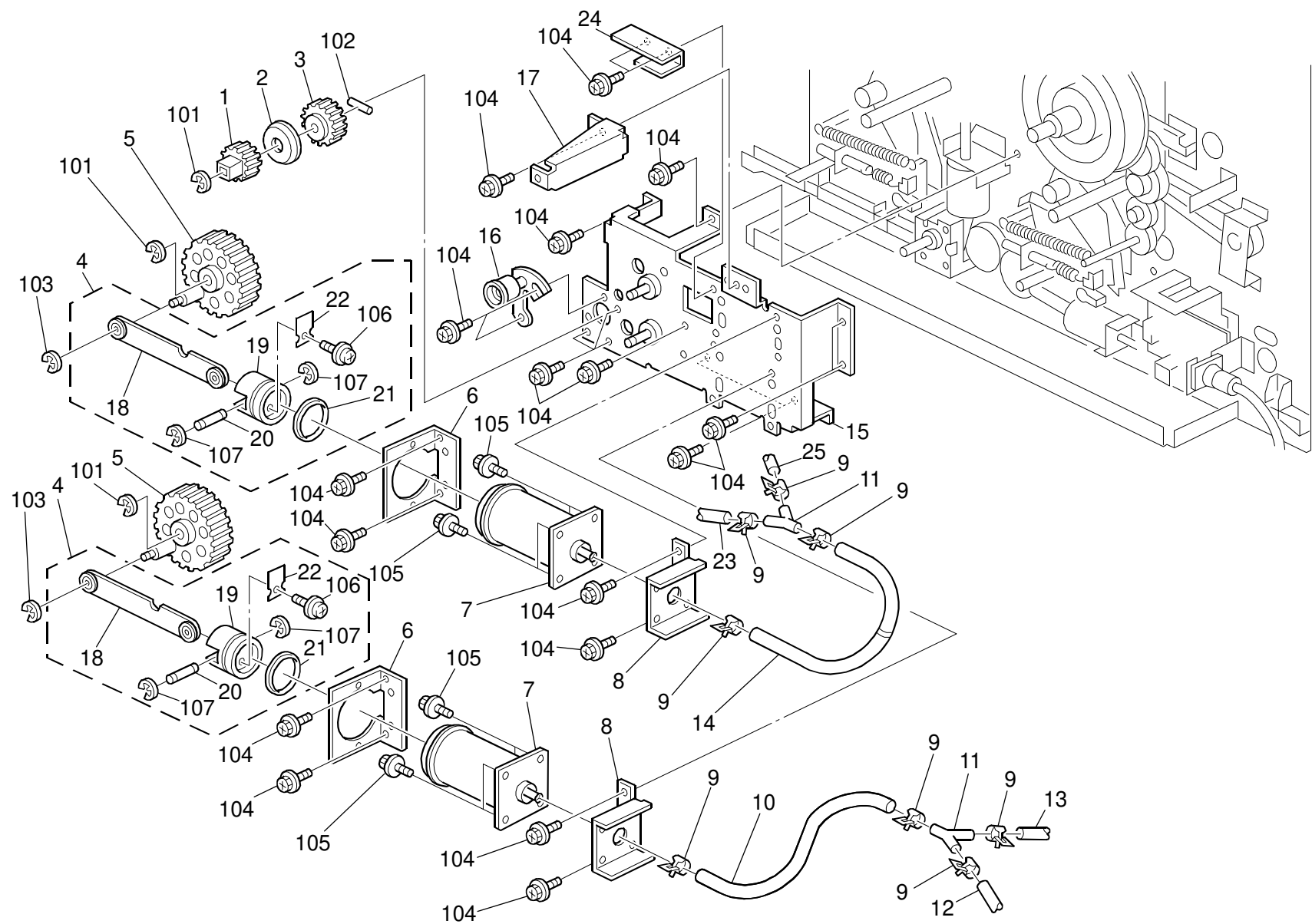
This is a detailed exploded view diagram of a mechanical assembly, likely a timing belt drive system. The diagram shows various components including gears, pulleys, belts, and structural frames, all labeled with numbers. The parts are arranged in a way that shows their relative positions and how they fit together. The numbers range from 1 to 116, with 101 being a common fastener (screw or bolt). The assembly includes a large gear (3) at the bottom left, a smaller gear (4) at the top left, and a timing belt (6) at the top. There are also various structural frames (7, 11, 19, 25, 30) and smaller gears (16, 17, 18, 26, 29, 32, 34, 35). The diagram is a technical drawing with clear lines and labels.

18. Drive Section 3 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C244 2451	Screw:Transfer/Separation	1
2	C639 1656	Belt Tensioner:Brushless Motor	1
3	C593 1675	Timing Pulley - S3M	2
4	C593 1673	Transfer Cam	2
5	C639 1668	Timing Pulley:Drive:No.1:Ass'y	1
6	C593 1660	Timing Belt - 625P5M15	1
7	C639 1665	Base:Drive Sub-unit:No.1:Ass'y	1
8	C229 1192	Drum Guide Pin	2
9	C639 1079	Bracket:Grip:Machine:Outer	2
10	C639 1074	Bracket:Grip:Machine:Inner	2
11	C244 1070	Grip Plate - Long	1
12	C639 1702	Shielding Plate:Sensor:Take Off	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	C639 1697	Base:Drive Sub-unit:No.2:Ass'y	1
20	C593 4053	Middle Drive Pulley - 22z	1
21	C639 5661	Bracket:Harness	1
22	C593 4068	Timing Belt - S3M387	1
23	C639 4067	Bracket:Exit:Drive	1
24	C593 4065	Exit Drive Pulley - 40z	1
25	C244 1071	Grip Plate - Short	1
26	C229 3961	Drive Pulley	1
27	C593 4066	Exit Drive Shaft	1
28	C244 3930	Guide Plate:Hale Unit:Ass'y	1
29	C229 1137	Drive Relay Gear	1
30	C639 1296	Bracket:Cover:Rear:Upper Left	1
31	5446 3648	Stepped Screw - M4	1
32	C639 1698	Shaft:Gear:No.1	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 4006N	Tapping Screw - M4x6	
102	0594 0250N	Hexagonal Set Screw:M4x25	
103	0451 4008N	Tapping Screw:4x8	
104	0353 0040N	Screw - M3x4	
105	0720 0060E	Retaining Ring - M6	
106	0707 8050N	Bushing - 8X5	
107	0740 3008	Ball Bearing - 8x22x7	
108	0805 3205	Ball Bearing - 10x19x7mm	
109	0720 0080E	Retaining Ring - M8	
110	1105 0316	Clamp	
111	0355 0080N	Screw - M5x8	
112	1105 0491	Edge Saddle - Es-1916	
113	0701 0040N	Washer:DIA4	
114	0951 5020N	Screw:Polished Round:M5x20	
115	0807 4137	Spacer - 5x18x2.9	
116	0701 0080N	WASHER DIA8	

19. Drive Section 4 (C639)

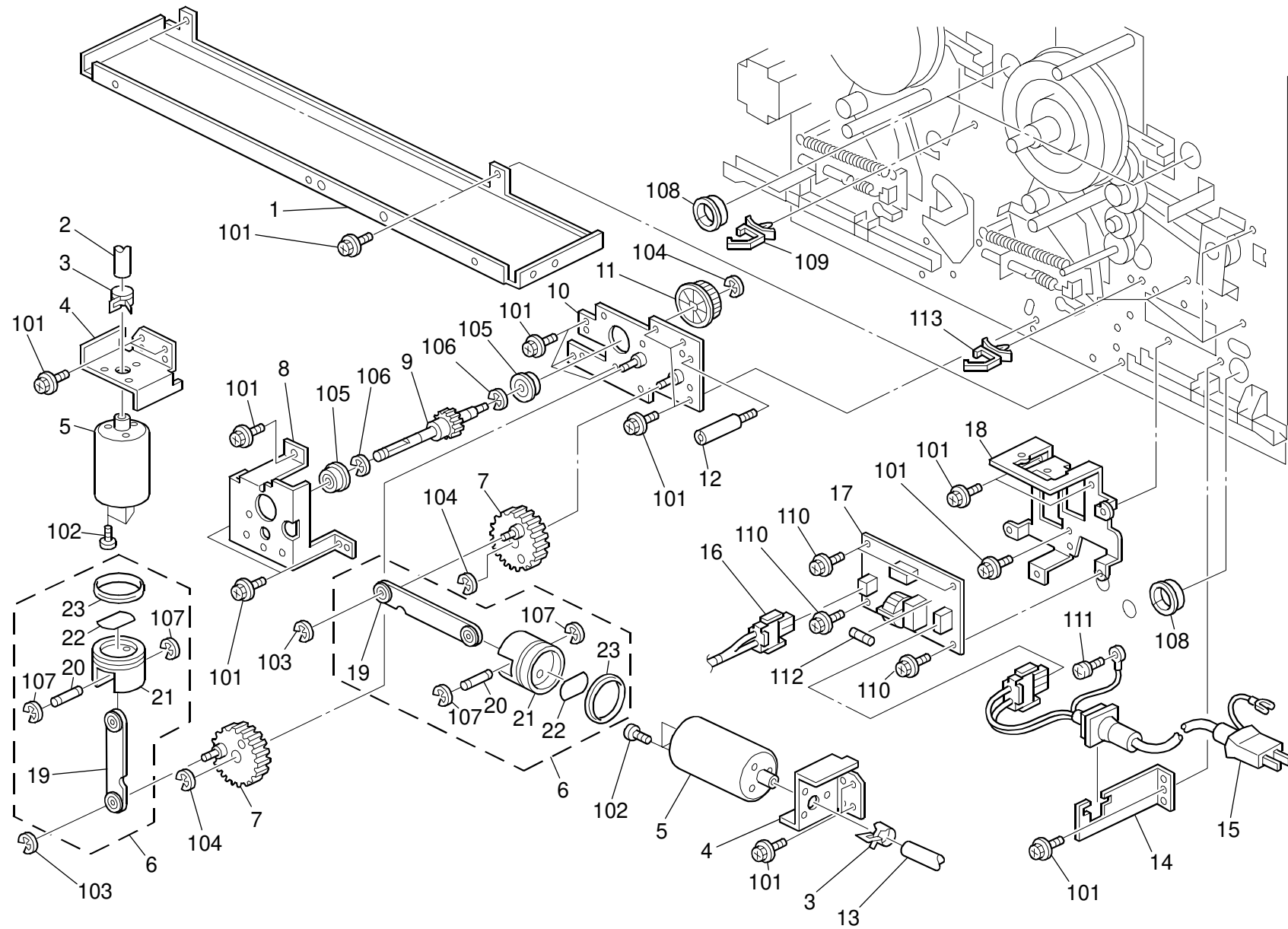


19. Drive Section 4 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C593 3880	Pump Driven Pulley	1
2	C639 3889	Flange:Timing Pulley:Pump Unit	1
3	C593 3881	Drive Gear - 30z	1
4	C639 6203	Piston:Pump:Ass'y	2
5	C593 3875	Pump Drive Gear	1
6	C639 6242	Bracket:Cylinder:Paper Exit:Rear	2
7	C209 6240	Air Pump Cylinder	2
8	C639 6241	Bracket:Cylinder:Paper Exit:Front	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	C639 3974	Tube:Pump:Large:No.2:Left	2
13	C639 3975	Tube:Pump:Large:No.2:Right	1
14	C593 3932	Large Pump Tube - 1	1
15	C593 3892	Pump Base	1
16	C639 3884	Belt Tensioner:Drive:Turn:Ass'y	1
17	C639 1120	Bracket:Cover:Rear:Exit	1
18	C639 6211	Link:Piston:Pump:Ass'y	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	C639 3972	Tube:Pump:Large:No.1:Right	1
24	C639 3890	Bracket:Cover:Hose:Pump:Large	1
25	C639 3971	Tube:Pump:Large:No.1:Left	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 4006N	Tapping Screw - M4x6	
105	0451 4008P	Tapping Screw - 4x8	
106	0452 3006N	Binding Self-Tapping Screw:3x6	
107	0720 0030E	Retaining Ring - M3	

20. Drive Section 5 (C639)

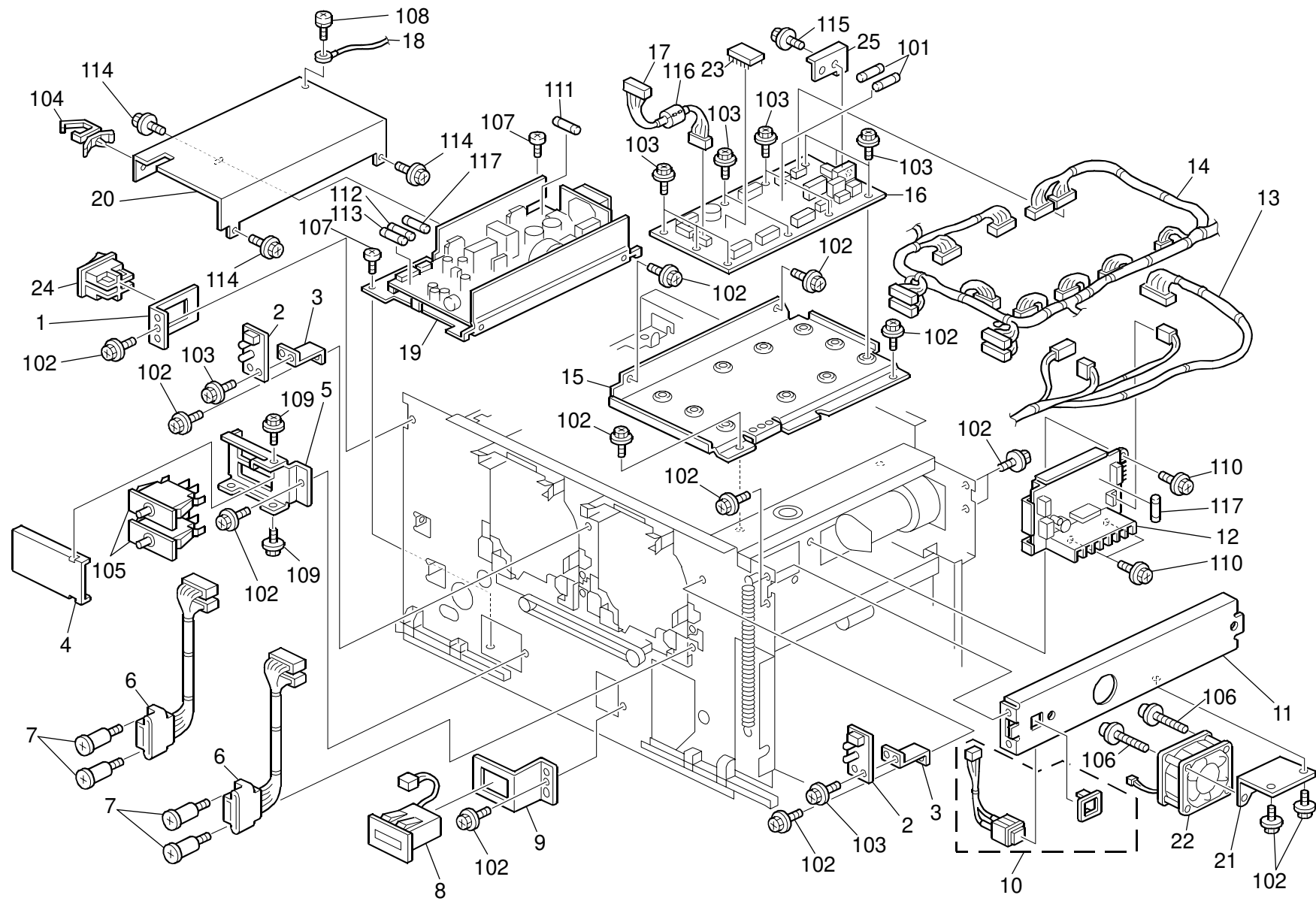


20. Drive Section 5 (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 1292	Cover:Rear Lower	1
2	C639 3970	Tube:Pump:Small:No.1:Middle	1
3	C209 4711	Hose Band	2
4	C639 3887	Base:Holder:Pump	2
5	C213 6043	Air Pump Cylinder	2
6	C639 6037	Air Piston Ass'y	2
7	C224 6037	Drive Pump Gear	2
8	C639 3882	Side Plate:Pulley:Driven	1
9	C593 3877	Gear Shaft	1
10	C639 3870	Base:Side Plate:Ball Bearing:Ass'y	1
11	A566 2126	Timing Pulley - 40Z	1
12	C639 3883	Stud:Side Plate:No.2	1
13	C639 3973	Tube:Pump:Small:No.1:Middle	1
14	C639 5611	Bracket:Power Supply Cord	1
15	C639 5280	Power Supply Cord:NA:Ass'y	1
15	C639 5282	Power Supply Cord:Stopper:EU:Ass'y	1
16	C639 5216	Harness:Main Switch:Ass'y	1
17	C639 5122	Printed Circuit Board:Noise Filter	1
18	C639 5630	Bracket:Noise Filter	1
19	C639 6038	Link:Piston:Pump:Ass'y	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 4006N	Tapping Screw - M4x6	
102	0453 3006N	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 0030E	Retaining Ring - M3	
108	1106 0349	Bushing - 25	
109	1105 0316	Clamp	
110	0451 3006N	Tapping Screw - 3x6	
111	0954 4008N	Screw - M4x8	
112	1107 1067	Fuse:ET-6.3A	
113	1105 0487	Harness Clamp	

21.Electrical Section (C639)

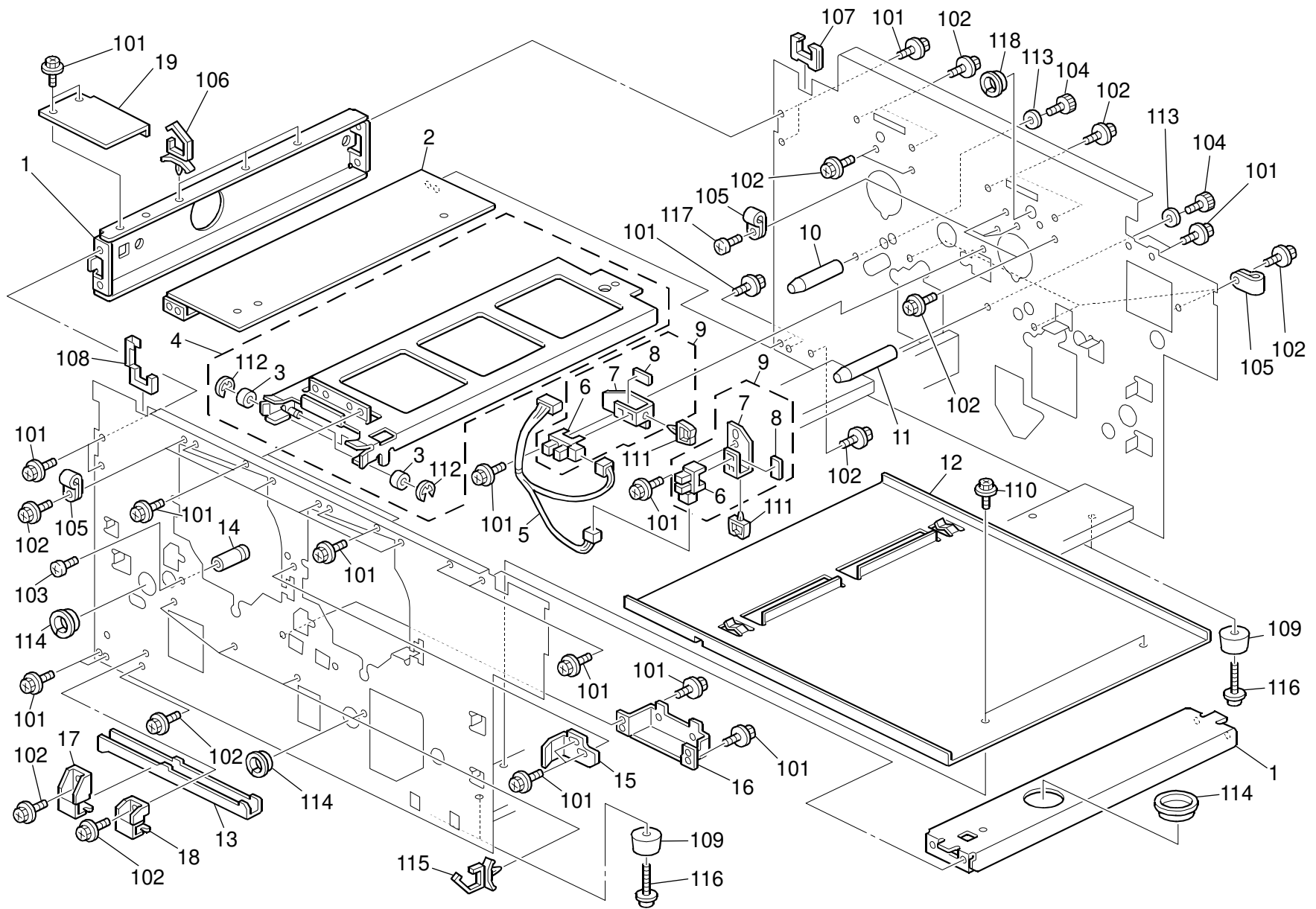


21.Electrical Section (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 5631	Bracket:Main Switch	1
2	C257 5146	LED PCB	2
3	C639 5648	Bracket:LED:Take Off:Drum	2
4	C639 5645	Arm:Safety Switch:Machine Or Copier	1
5	C639 5644	Bracket:Safety Switch:Machine	1
6	C639 5208	Harness:Connecting:Ink Sensor:Ass'y	2
7	C244 2633	Stepped Screw	4
8	C257 5875	Total Counter Paper	1
9	C639 5654	Bracket:Total Counter	1
10	C257 5856	Push Switch	1
11	C639 1063	Stay:Upper	1
12	C639 5155	Brushless Motor:Drive Board	1
13	C639 5210	Harness:Power Source:Ass'y	1
14	C639 5200	Harness:DC Drive:Ass'y	1
15	C639 5601	Base:IC	1
16	C639 5100	Printed Circuit Board:MPU:Ass'y	1
17	C639 5220	Harness:Operation Panel:Ass'y	1
18	C639 5205	Ground Wire	1
19	C639 5300	Power Supply Unit:Ass'y	1
20	C639 1059	Cover:Power Supply Unit	1
21	C639 5671	Bracket:Fan:Printed Circuit Board	1
22	GX64 0021	Fan:MM60:NMB:N	1
23	C639 5105	Prom:Printed Circuit Board:IC	1
24	A250 5725	Rocker Switch	1
25	C593 5640	Heat Sink	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1107 0386	Fuse (Glass Case) - 1A - 125V	
102	0451 4006N	Tapping Screw - M4x6	
103	0451 3006N	Tapping Screw - 3x6	
104	1105 0413	Harness Clamp	
105	1204 1280	Push Switch	
106	0353 0300N	Screw:M3x30	
107	0954 4008N	Screw - M4x8	
108	0353 0300N	Screw:M3x30	
109	0451 4008P	Tapping Screw - 4x8	
110	0802 5281	Tapping Screw - M4x6	
111	1107 1160	Fuse:HT-10A-N5	
112	1107 0392	Fuse - 6.3A 125V	
113	1107 0354	Fuse - 3.15A 125V	
114	0353 0040N	Screw - M3x4	
115	0951 3012N	Screw:Polished Round:M3x12	
116	1607 0623	Ferrite Core - Tfc-16-8-13	
117	1107 1152	Fuse:MT4-12A-N2	

22.Frame Section (C639)



22.Frame Section (C639)

Index No.	Part No.	Description	Q'ty Per Assembly
1	C639 1063	Stay:Upper	2
2	C639 1065	Stay:Paper Exit Unit	1
3	C229 2615	Slide Rail Roller	4
4	C639 2610	Rail:Machine Or Copier:Ass'y	2
5	C639 5224	Harness:Drum:HP:Ass'y	1
6	AW02 0141	Photointerruptor:Flat	2
7	C244 2631	Limit Sensor Bracket	2
8	H522 1100	Sensor Guide	2
9	C259 2630	Drum H.P. Sensor Ass'y	2
10	C229 1083	Rear Guide Shaft	1
11	C639 3865	Shaft:Middle:Transport Unit:Rear	1
12	C639 1050	Base:Machine Or Copier	1
13	C244 1071	Grip Plate - Short	1
14	C244 1082	Shaft:Hale Unit:Front	1
15	C593 2616	Drum Pin Bracket	1
16	C639 3866	Bracket:Middle:Transport Unit:Front	1
17	C639 1079	Bracket:Grip:Machine:Outer	1
18	C639 1074	Bracket:Grip:Machine:Inner	1
19	C639 1326	Separation Plate:Main Switch	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	0451 4006N	Tapping Screw - M4x6	
102	0451 4008P	Tapping Screw - 4x8	
103	0354 0060N	Screw - M4x6	
104	0594 0080E	Bolt - M4x8	
105	1105 0008	Nylon Clamp - 2n	
106	1105 0487	Harness Clamp	
107	1105 0491	Edge Saddle - ES-1916	
108	1105 0334	Edge - 17	
109	0805 6009	Rubber Foot	
110	0451 3006N	Tapping Screw - 3x6	
111	1105 0283	Clamp	
112	0720 0040E	Retaining Ring - M4	
113	0701 0040N	Washer:DIA4	
114	1106 0351	Bushing - 12x35x48	
115	1105 0413	Harness Clamp	
116	0951 5035N	Screw:Polished Round:M5x35	
117	0453 4008N	Binding Self Tapping Screw:4x8	
118	1106 0212	Bushing - M15	

23.MPU Board (C639)

BZ

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
BZ1	142	C1	154	C11	151	---	---	C31	178	C41	174	C51	152
		C2	154	C12	150	C22	150	C32	180	C42	178	C52	152
		C3	151	C13	150	C23	150	C33	180	C43	153	C53	153
		C4	151	C14	151	C24	154	C34	178	C44	175	C54	180
		C5	152	C15	152	C25	154	C35	180	C45	175	C55	152
		C6	154	C16	150	C26	178	C36	177	C46	176	C56	152
		C7	149	C17	152	C27	180	C37	177	C47	176	C57	152
		C8	152	---	---	C28	178	C38	179	C48	180	C58	152
		C9	151	C19	154	C29	149	C39	180	C49	180	C59	153
		C10	154	C20	154	C30	153	C40	178	C50	180	C60	180

CAPACITOR

SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.	SYMBOL NO.	INDEX NO.
C61	152	C71	178	C81	178	C91	178	C101	180	C111	180	C121	180
C62	152	C72	178	C82	178	C92	178	C102	178	C112	180	C122	179
C63	153	C73	178	C83	178	C93	180	C103	180	C113	180	C123	178
C64	153	C74	180	C84	178	C94	180	C104	178	C114	178	C124	153
C65	180	C75	180	C85	180	C95	178	C105	180	C115	178	C125	178
C66	178	C76	180	C86	178	C96	153	C106	178	C116	180	C126	180
C67	178	C77	178	C87	180	C97	178	C107	180	C117	180	C127	177
C68	180	C78	180	C88	180	C98	178	C108	180	C118	179		
C69	180	C79	180	C89	180	C99	180	C109	180	C119	180		
C70	180	C80	180	C90	178	C100	178	C110	178	C120	178		

23.MPU Board (C639)

CONNECTOR

SYMBOL NO.	INDEX NO.
CN101	109
CN102	106
CN103	105
CN104	107
CN105	101
CN106	102
CN107	105
CN108	103
CN109	106
CN110	105

SYMBOL NO.	INDEX NO.
CN111	108
CN112	104
CN113	101
CN114	104
CN115	101

DIODE

SYMBOL NO.	INDEX NO.
D1	122
D2	122
D3	122
D4	122
D5	122
D6	122
D7	122
D8	122
D9	122
D10	122

SYMBOL NO.	INDEX NO.
D11	122
D12	122
D13	122
D14	122
D15	122
D16	122
D17	122
D18	119
D19	119
D20	119

SYMBOL NO.	INDEX NO.
D21	119
D22	121

FB

SYMBOL NO.	INDEX NO.
FB1	155
FB2	156
FB3	156
FB4	181

FUSE

SYMBOL NO.	INDEX NO.
FU1	113
FU1	110
FU2	110
FU2	113

IC

SYMBOL NO.	INDEX NO.
IC1	140
IC2	138
IC3	138
IC4	124
IC5	139
IC6	137
IC7	118
IC8	118
IC9	140
IC10	138

SYMBOL NO.	INDEX NO.
IC11	138
---	---
IC13	130
IC14	125
IC15	135
IC16	134
IC17	2
IC18	141
IC19	132
IC20	130

SYMBOL NO.	INDEX NO.
IC21	112
IC21	1
IC22	127
IC22	111
IC23	128
IC24	132
IC25	133
IC26	131
IC27	136
IC28	129

SYMBOL NO.	INDEX NO.
IC29	126
IC30	129

LED

SYMBOL NO.	INDEX NO.
LED101	123
LED102	123

Q

SYMBOL NO.	INDEX NO.
Q1	116
Q2	117
Q3	117
Q4	117
Q5	117
Q6	117
Q7	115
Q8	114
Q9	114

RESISTOR

SYMBOL NO.	INDEX NO.
R1	159
R2	159
R3	162
R4	162
R5	159
R6	165
R7	163
R8	165
R9	144
R10	159

SYMBOL NO.	INDEX NO.
R11	163
R12	163
R13	165
R14	163
R15	163
R16	165
R17	165
R18	165
R19	144
R20	163

23.MPU Board (C639)

RESISTOR

SYMBOL NO.	INDEX NO.
R21	163
R22	163
R23	163
R24	161
R25	161
R26	163
R27	163
R28	163
R29	166
R30	163

SYMBOL NO.	INDEX NO.
R31	168
R32	163
R33	170
R34	164
R35	158
R36	163
R37	166
R38	163
R39	166
R40	163

SYMBOL NO.	INDEX NO.
R41	163
R42	163
R43	163
R44	160
R45	160
R46	172
R47	173
R48	167
R49	163
R50	172

SYMBOL NO.	INDEX NO.
R51	169
R52	172
R53	171
R54	167
R55	163
R56	163
R57	162
R58	162
R59	163
R60	163

SYMBOL NO.	INDEX NO.
R61	163
R62	161
R63	163
R64	163
R65	163
R66	163
R67	163
R68	163
R69	163
R70	163

SYMBOL NO.	INDEX NO.
R71	157

RAY

SYMBOL NO.	INDEX NO.
RAY1	146
RAY2	146
RAY3	147
RAY4	147
RAY5	146
RAY6	146
RAY7	146
RAY8	146
RAY9	146
RAY10	146

RAY

SYMBOL NO.	INDEX NO.
RAY11	146
RAY12	146
RAY13	146
RAY14	146
RAY15	146
RAY16	146
RAY17	146
RAY18	146
RAY19	146
RAY20	146

SYMBOL NO.	INDEX NO.
RAY21	146
RAY22	146
RAY23	146
RAY24	146
RAY25	146
RAY26	148
RAY27	148
RAY28	148
RAY29	148
RAY30	148

SYMBOL NO.	INDEX NO.
RAY31	146
RAY32	148
RAY33	146
RAY34	148
RAY35	146
RAY36	145
RAY37	145
RAY38	146
RAY39	146

XT

SYMBOL NO.	INDEX NO.
XT1	143

ZD

SYMBOL NO.	INDEX NO.
ZD1	120

23.MPU Board (C639)

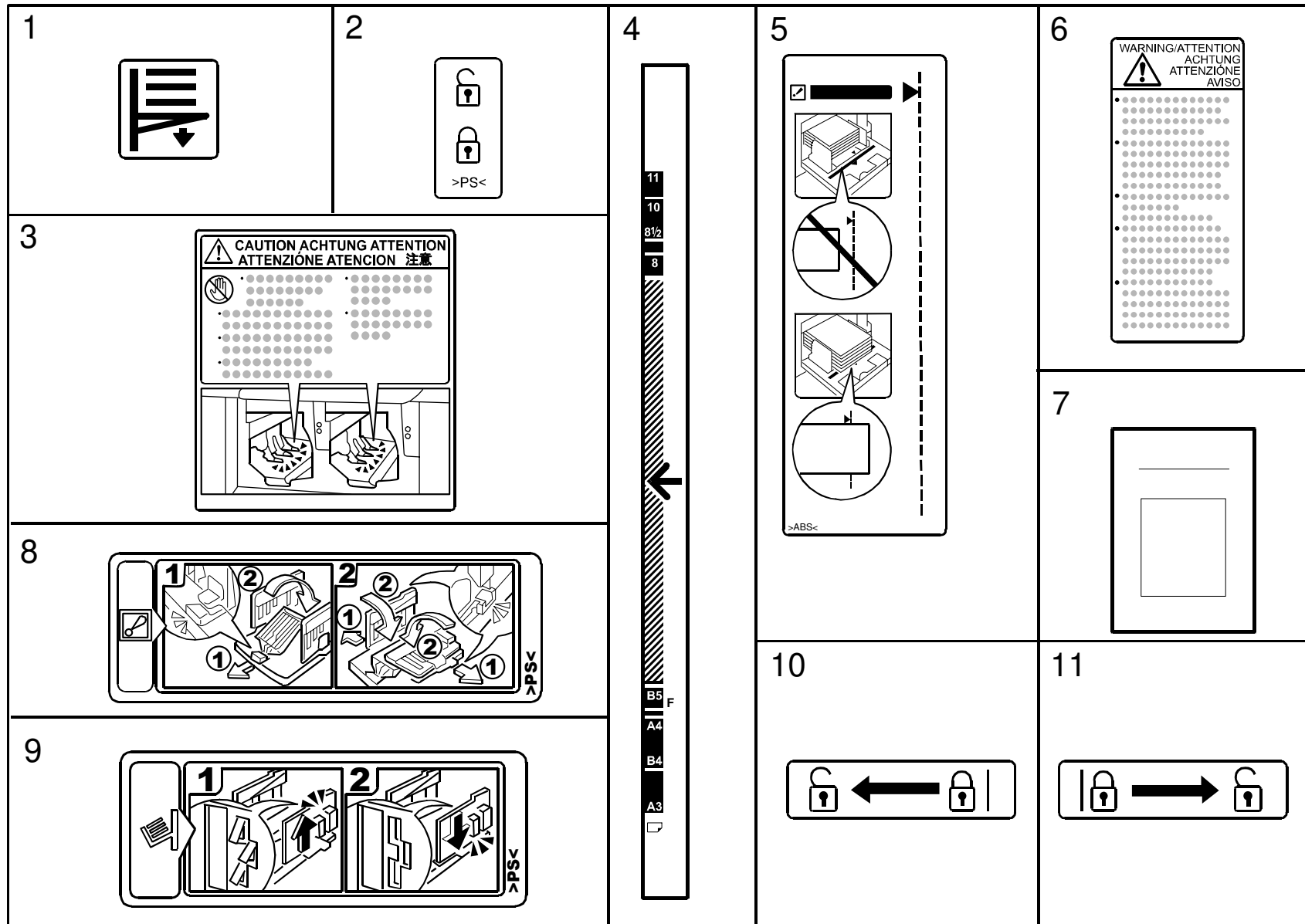
Index No.	Part No.	Description	Q'ty Per Assembly
*	C639 5100	Printed Circuit Board:MPU:Ass'y	1
1	C639 5105	PROM:Printed Circuit Board:IC	1
2	C252 5145	IC:LC272C9BT-WA5	1
3	C593 5640	Heat Sink	1

Index No.	Part No.	Description	Q'ty Per Assembly
101	1102 4205	CT Header- 6p	
102	1102 4208	Connector - 9P	
103	1102 4209	CT Header - 10P	
104	1102 4684	Connector - 5566-06R-210	
105	1102 5409	Connector - 20P	
106	1102 5410	Connector - 22P	
107	1102 5411	Connector - 24P	
108	1102 5414	Connector - 30P	
109	1102 6595	Connector - 11P	
110	1104 0351	Fuse Holder	
111	1104 0588	Dip Socket - 28p	
112	1104 0589	Dip Socket - 32P	
113	1107 0386	Fuse (GLASS CASE) - 1A - 125V	
114	1400 0403	Transistor - 2SC1623L6	
115	1400 0620	Transistor - 2SC1740S	
116	1400 0720	Transistor - DTC143ZSA	
117	1400 0979	Transistor:2SD2079	
118	1401 0400	Transistor Array - SLA4060	
119	1401 0835	Diode - 1SS190	
120	1402 1206	Zener Diode	
121	1402 1265	Diode - RB411D	
122	1402 1342	Diode - 1SR154-400	
123	1403 0907	Diode - SML-310LT	
124	1407 1535	IC - TD62308AP	
125	1407 2344	IC - TD62382F	
126	1407 4724	CPU HD6413003TF-16	
127	1407 4815	ZeroPowerSRAM - M48Z58Y-70PC1	
128	1407 5343	IC - SN74LV240APW	
129	1407 5351	IC - SN74LV14APW	
130	1407 5353	IC - SN74LV244APW	
131	1407 5373	IC:SN74LV21APW	
132	1407 5375	IC:TC74HC157AF	
133	1407 5394	IC:SN74LV138APW	
134	1407 5642	IC - TE7753	
135	1407 5713	IC:SN74LV06APW	

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137	1408 0827	IC - TA8429H	
138	1408 1204	IC - TA8083P	
139	1408 1394	IC - STK672-110	
140	1408 1410	IC - STK672-120	
141	1408 1774	Series Regulator:UPC2933AT	
142	1502 0063	Buzzer:PKM22EPPH4002-B0	
143	1503 1253	Crystal Oscillator 14.7456MHZ	
144	1600 1172	Resistor-10 Ω -1W	
145	1601 7751	Resistor - 4.7K Ω $\pm$ 5%	
146	1601 7752	Resistor Array - 10K Ω $\pm$ 5%	
147	1601 7796	Resistor Array - 2.2K Ω	
148	1601 7867	Resistor - 33 Ω $\pm$ 5% 1/16W	
149	1604 4728	Capacitor - 100 μ F $\pm$ 20% 16V	
150	1604 5065	Capacitor 10UF: $\pm$ 20%:50V	
151	1604 5066	Capacitor 100UF: $\pm$ 20%:50V	
152	1605 0987	Ceramic Capacitor-470pF/630V	
153	1605 1148	Capacitor - 0.1 μ F+80-20% 50V	
154	1605 1354	Capacitor:1200pF: $\pm$ 5%:50V	
155	1607 1199	Filter - BLM21PG600SN1B	
156	1607 1675	Filter BK1608LM182	
157	1632 0000	Resistor - 0 Ω 1/8W	
158	1634 0000	Resistor - 0 Ω 1/16W	
159	1650 2221	Resistor:220 Ω : $\pm$ 5%:1/4W	
160	1650 3103	Chip Resistor - 10K Ω $\pm$ 5% 1/8W	
161	1650 4101	Resistor - 100 Ω $\pm$ 5%1/10W	
162	1650 4102	Resistor - 1K Ω $\pm$ 5% 1/10W	
163	1650 4103	Resistor - 10K Ω $\pm$ 5% 1/10W	
164	1650 4105	Resistor - 1M Ω $\pm$ 5% 1/10W	
165	1650 4222	Resistor - 2.2K Ω $\pm$ 5%1/10W	
166	1650 4330	Chip Resistor - 33 Ω $\pm$ 5% 1/10W	
167	1654 1001	Resistor - 1K Ω $\pm$ 1%1/10W	
168	1654 1002	Resistor - 10K Ω $\pm$ 5%1/10W	
169	1654 2201	Resistor - 2.2K Ω $\pm$ 1% 1/10W 1608	
170	1654 3741	Chip Resistor:3.74K Ω	

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174	1660 2101	Capacitor - 100pF - $\pm$ 10% - 50V	
175	1660 2120	Capacitor - 12 pF $\pm$ 5% 50V	
176	1660 2220	Capacitor - 22pF $\pm$ 20% 35V	
177	1660 2270	Capacitor - 27pF $\pm$ 20% 35V	
178	1660 2471	Capacitor - 470pF - $\pm$ 5% - 50V	
179	1660 4102	Capacitor - 1000pF $\pm$ 10% 50V	
180	1660 4103	Capacitor - 10000pF - $\pm$ 10% - 50V	
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24.Decals And Documents (C639)



24.Decals And Documents (C639)

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3	C593 1358	Decal - Exit Pawl	1
4	C593 2955	Decal - Paper Scale	1
5	C593 2956	Decal - Paper Size	1
6	C593 1359	Decal - Caution	1
7	C639 8601	Operating Instructions:Ger:EU	1
7	C639 8602	Operating Instructions:Ger:NA	1
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9	C250 4197	Decal - Paper Delivery	1
10	C250 4198	Decal - Grip Case	1
11	C235 2814	Decal:Lock:Side Fecne:Left	1
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