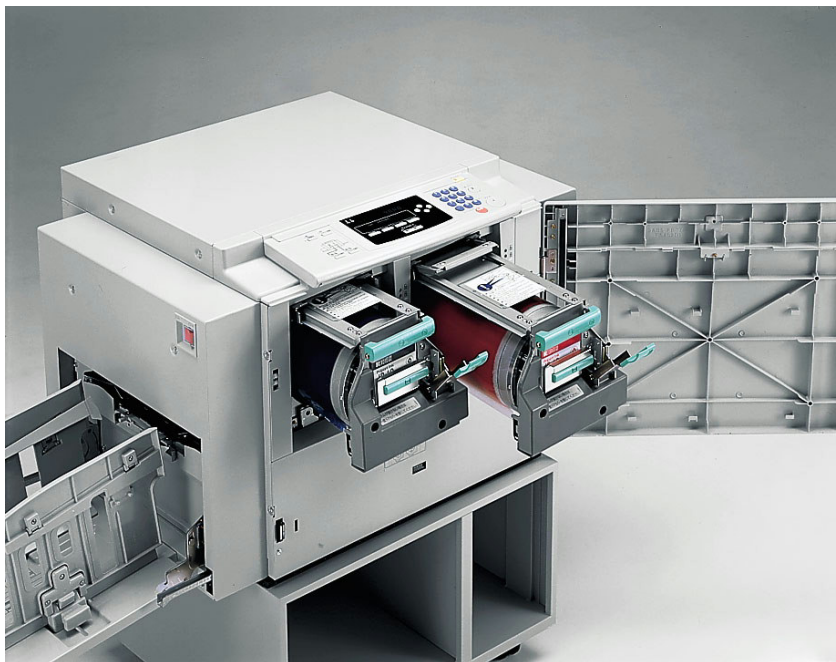




# RICOH UNIVERSITY

Learning ♦ Knowledge ♦ Performance



## C593/C639 PARTS CATALOG

001105MIU

Gestetner **LANIER RICOH SAVIN**





**C593/C639**  
**PARTS CATALOG**

*Gestetner*  
**LANIER**  
**RICOH**  
**SAVIN**







# TC-II (C593)/HQ TC-II (C639) PARTS CATALOG

001105MIU (rev 03/23/06)

*Gestetner* **LANIER RICOH SAVIN**



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# LEGEND

| PRODUCT CODE | COMPANY   |          |          |          |
|--------------|-----------|----------|----------|----------|
|              | GESTETNER | LANIER   | RICOH    | SAVIN    |
| C593         | TC-II     | TC-II    | TC-II    | TC-II    |
| C593-II      | TC-II     | TC-II    | TC-II    | TC-II    |
| C639         | HQ TC-II  | HQ TC-II | HQ TC-II | HQ TC-II |

# DOCUMENTATION HISTORY

| REV. NO. | DATE    | COMMENTS          |
|----------|---------|-------------------|
| *        | 04/2001 | Original Printing |
| 1        | 08/2004 | C593-II Addition  |
| 2        | 04/2006 | C639 Addition     |
|          |         |                   |



# C593/C639 PARTS CATALOG

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|-------------------------|----------|



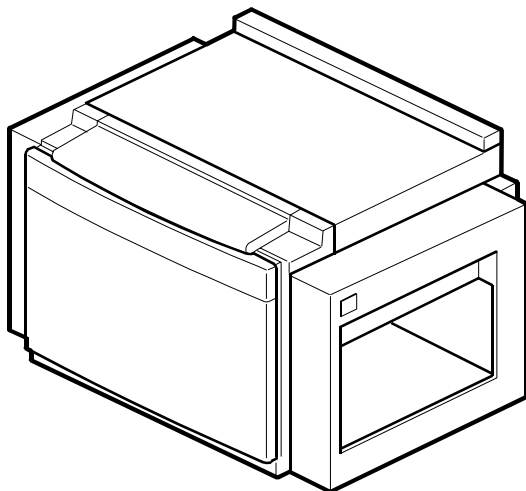
**C593**  
**PARTS LOCATION AND LIST**



This section instructs you as to the numbers and names of parts on this machine.

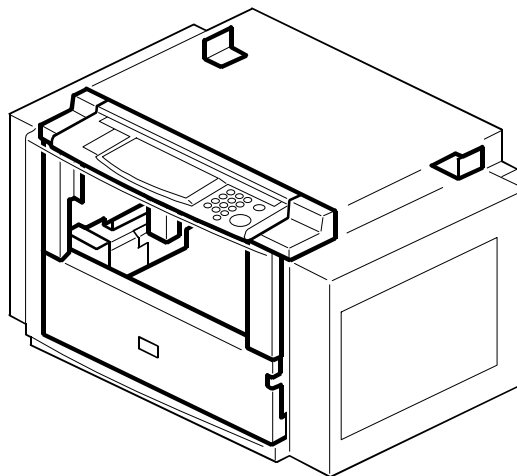
## LOCATIONS OF UNITS

1. Exterior 1 (C593)



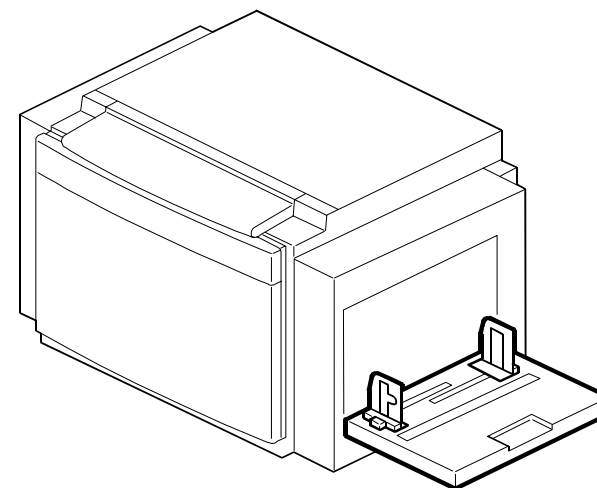
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2. Exterior 2 (C593)



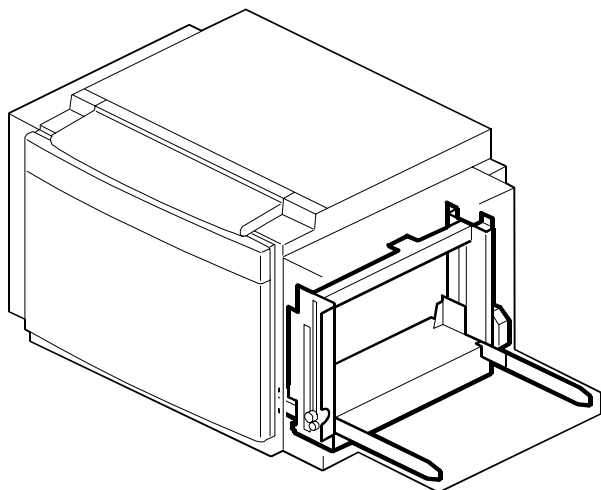
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3. Paper Feed Section 1 (C593)



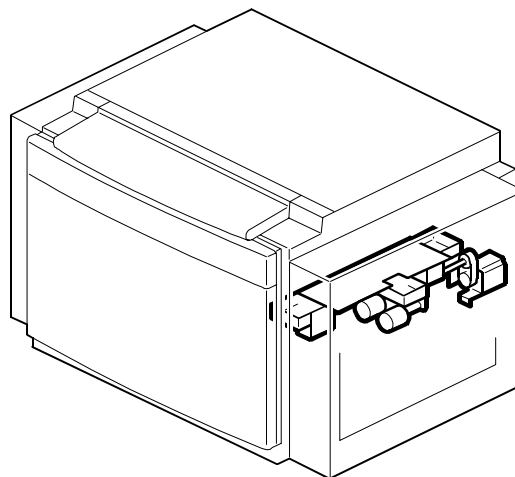
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4. Paper Feed Section 2 (C593)



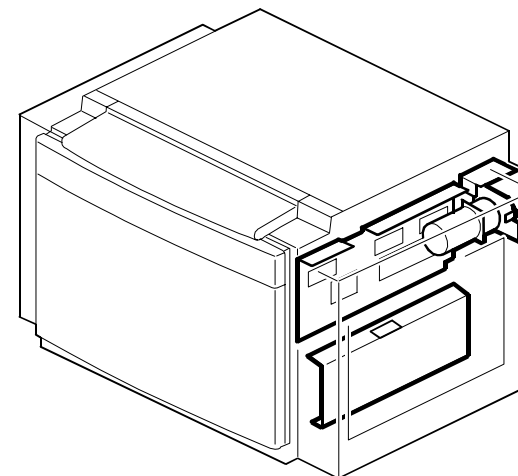
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5. Paper Feed Section 3 (C593)



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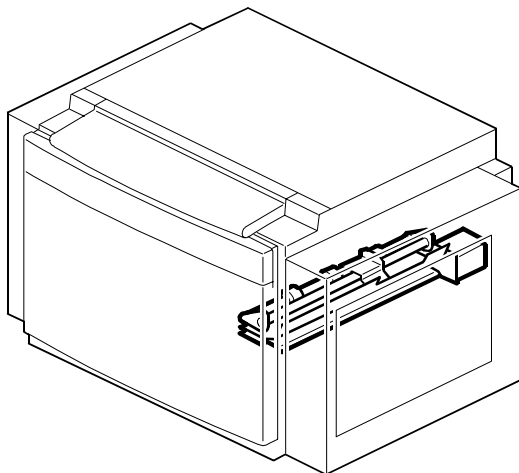
6. Paper Feed Section 4 (C593)



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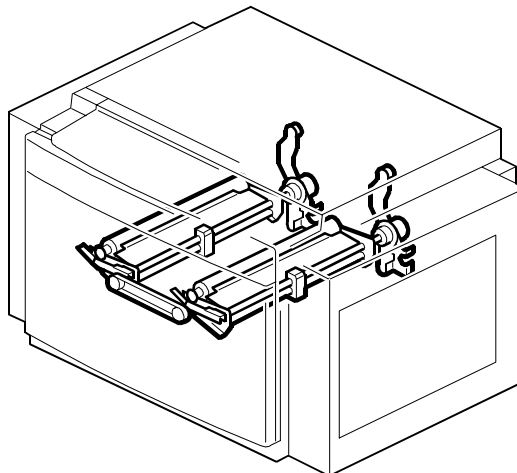
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7. Paper Feed Section 5 (C593)



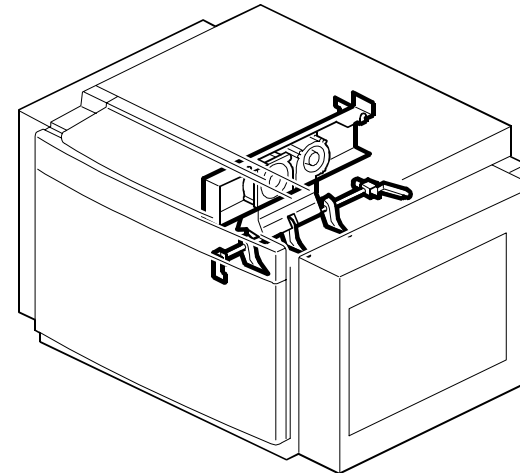
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8. Pressure Roller Section 1 (C593)



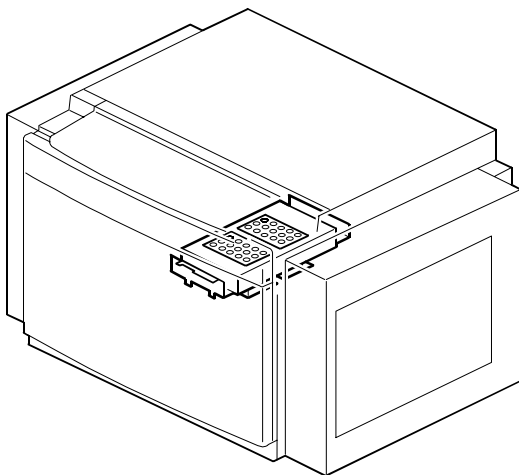
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9. Paper Transport 1 (C593)



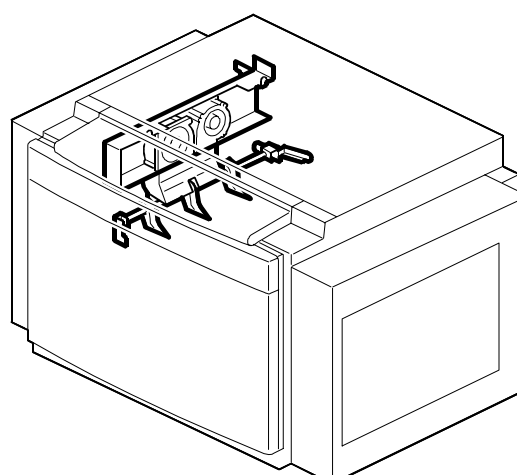
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10. Paper Transport 2 (C593)



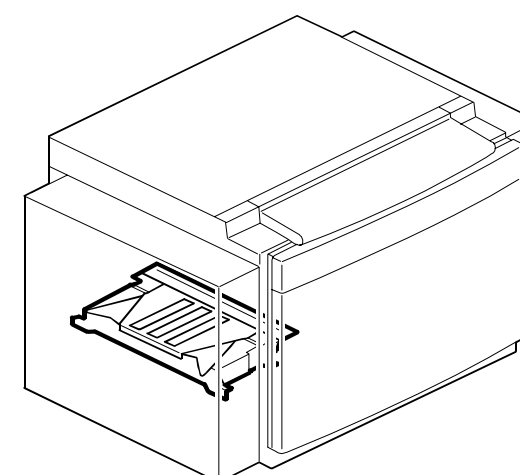
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11. Paper Exit Section 1 (C593)



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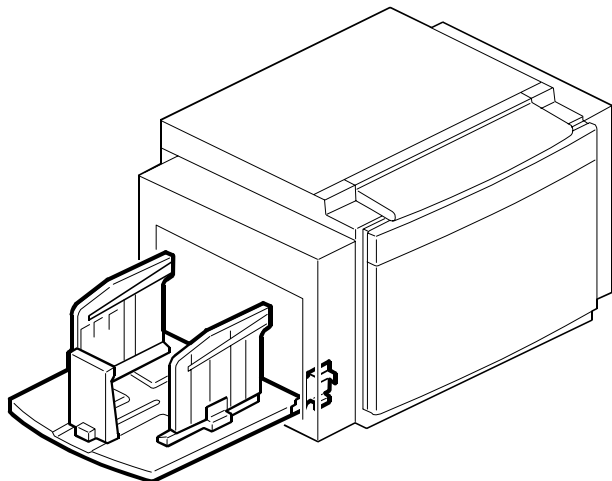
12. Paper Exit Section 2 (C593)



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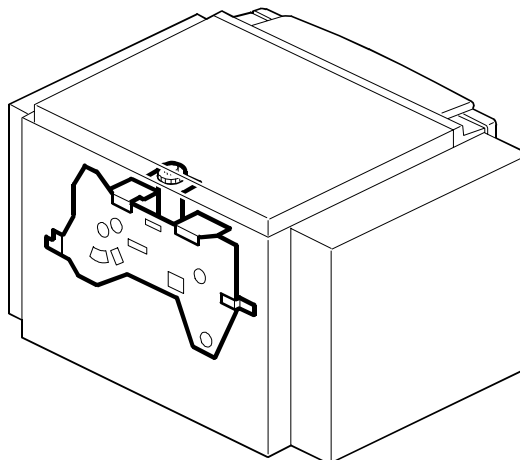
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13. Paper Exit Section 3 (C593)



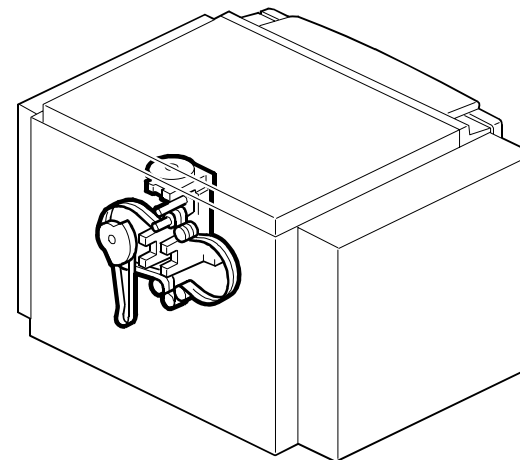
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14. Drive Section 1 (C593)



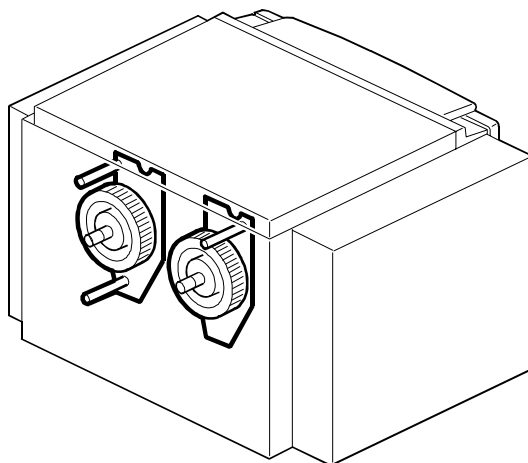
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15. Drive Section 2 (C593)



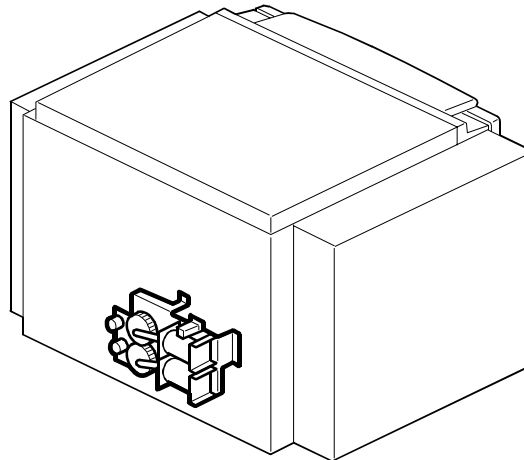
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16. Drive Section 3 (C593)



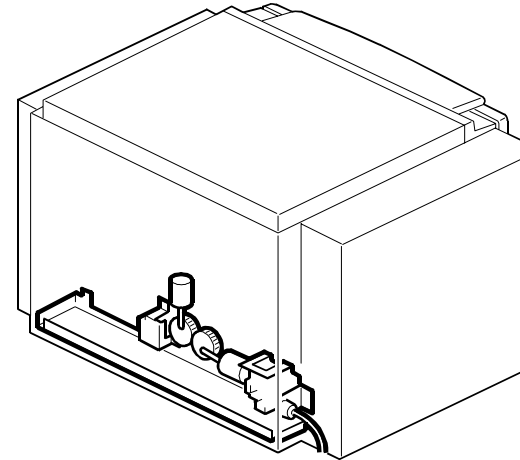
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17. Drive Section 4 (C593)



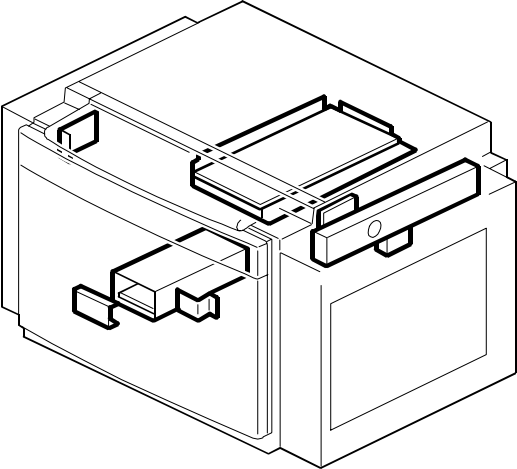
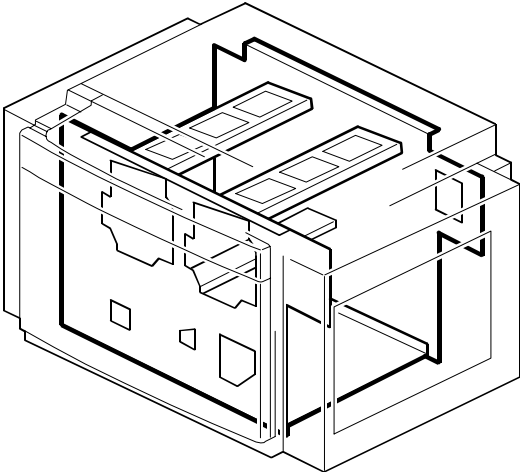
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18. Drive Section 5 (C593)

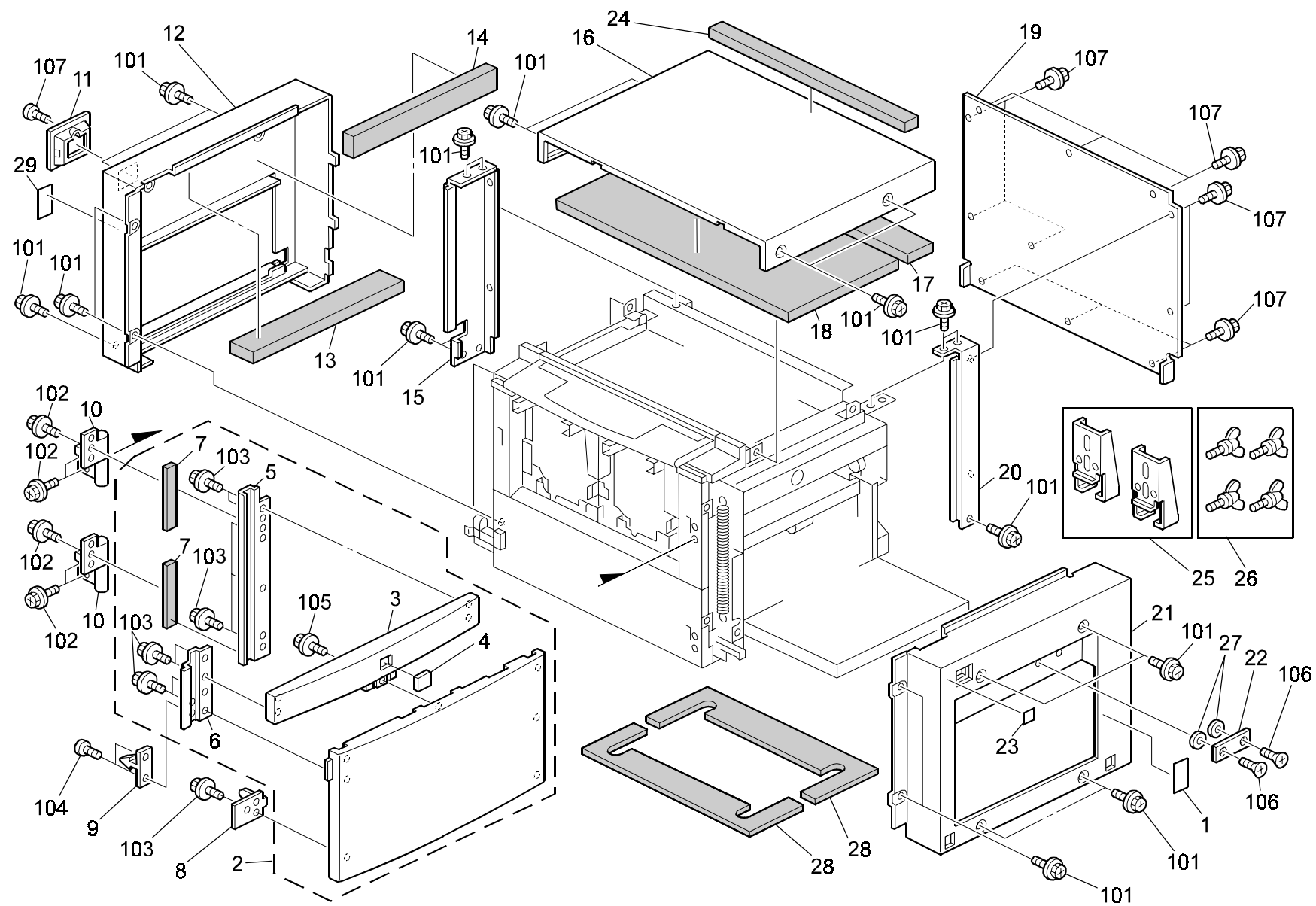


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1. Exterior 1 (C593)





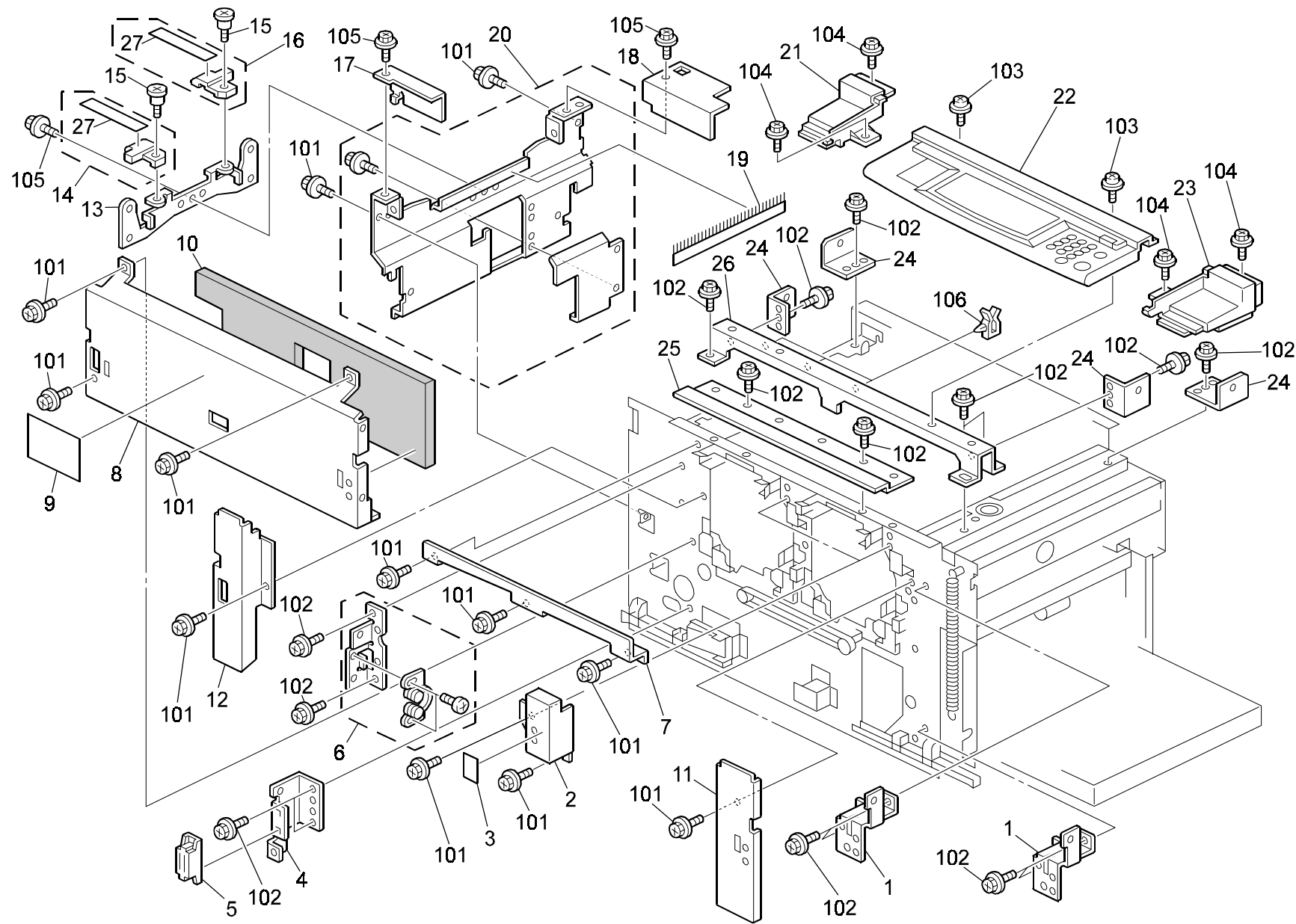
## 1. Exterior 1 (C593)

Rev. 08/03/2004

| Index No. | Part No.  | Description                                   | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------------|-------------------|
| 1         | C593 1356 | Caution Decal                                 | 2                 |
| 2         | C229 1253 | Door Cover Ass'y                              | 1                 |
| 2         | C593 1276 | Door Cover Ass'y (C593-II) <b>[TSB#003]</b>   | 1                 |
| 3         | C593 1257 | Upper Door Cover                              | 1                 |
| 3         | C593 1277 | Upper Door Cover (C593-II) <b>[TSB#003]</b>   | 1                 |
| 4         | A229 7016 | Support Cover                                 | 1                 |
| 4         | C593 7016 | Support Cover (C593-II) <b>[TSB#003]</b>      | 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                 |
| 11        | C593 1274 | Main Switch Cover (C593-II) <b>[TSB#003]</b>  | 1                 |
| 12        | C593 1271 | Left Cover                                    | 1                 |
| 12        | C593 1273 | Left Cover (C593-II) <b>[TSB#003]</b>         | 1                 |
| 13        | C593 1333 | Upper Sound Proofing                          | 1                 |
| 14        | C593 1334 | Lower Sound Proofing                          | 1                 |
| 15        | C593 1293 | Rear Left Cover                               | 1                 |
| 15        | C593 1298 | Rear Left Cover (C593-II) <b>[TSB#003]</b>    | 1                 |
| 16        | C593 1265 | Upper Cover                                   | 1                 |
| 16        | C593 1275 | Upper Cover (C593-II) <b>[TSB#003]</b>        | 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                 |
| 19        | C593 1289 | Rear Cover (C593-II) <b>[TSB#003]</b>         | 1                 |
| 20        | C593 1294 | Rear Right Cover                              | 1                 |
| 20        | C593 1299 | Rear Right Cover (C593-II) <b>[TSB#003]</b>   | 1                 |
| 21        | C593 1280 | Right Cover                                   | 1                 |
| 21        | C593 1284 | Right Cover(C593-II) <b>[TSB#003]</b>         | 1                 |
| 22        | C213 2435 | Magnet Plate                                  | 1                 |
| 23        | C229 1354 | Decal Paper Feed                              | 1                 |
| 23        | C593 1354 | Decal – Paper Feed (C593-II) <b>[TSB#003]</b> | 1                 |
| 24        | C593 1343 | Original Stopper                              | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 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                 |
| 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)



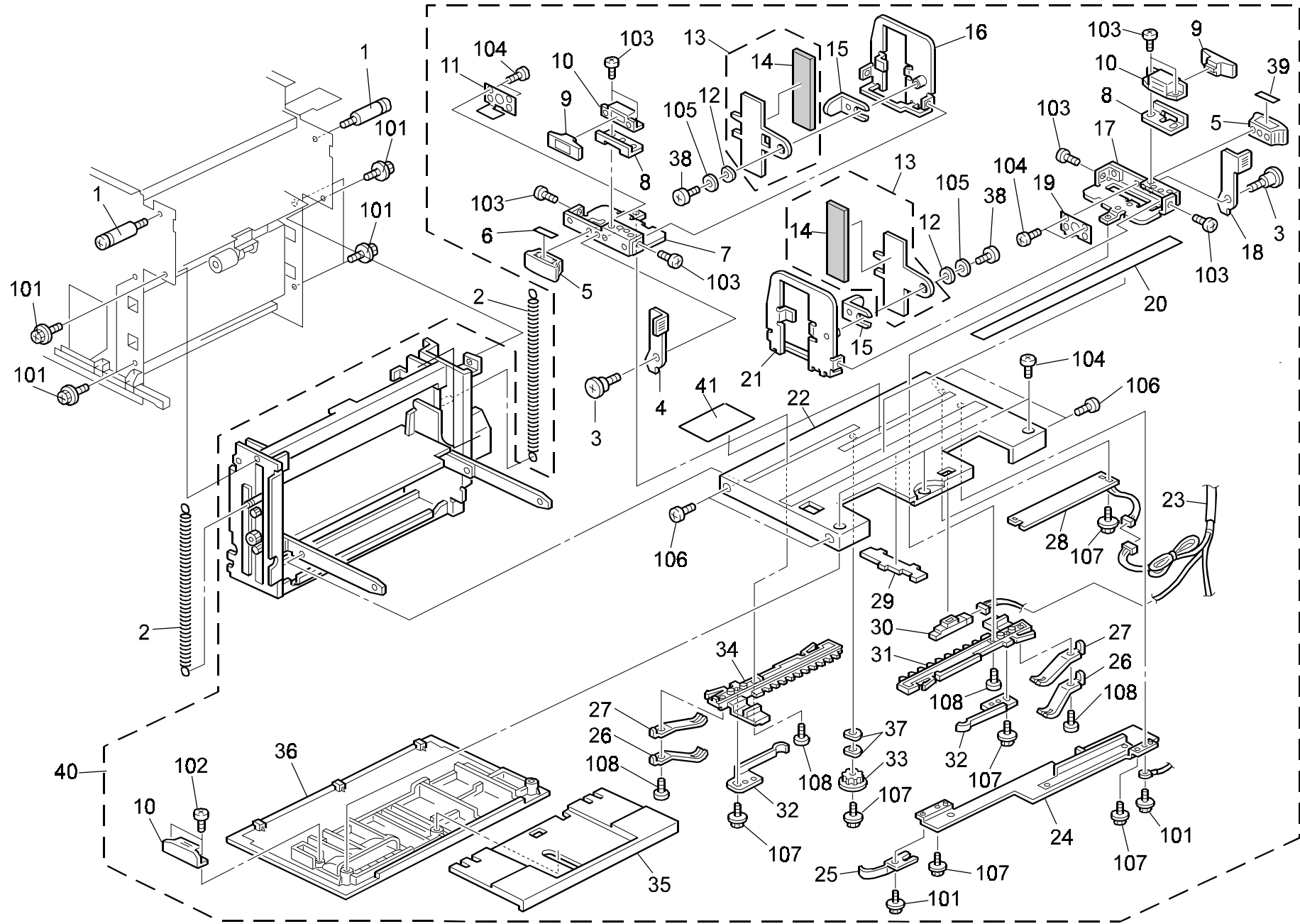
## 2. Exterior 2 (C593)

Rev. 08/03/2004

| Index No. | Part No.  | Description                                    | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------------|-------------------|
| 1         | C593 1313 | Right Inner Cover Bracket                      | 2                 |
| 2         | C593 1305 | LED Cover                                      | 1                 |
| 2         | C593 1314 | LED Cover (C593-II) <b>[TSB#003]</b>           | 2                 |
| 3         | C593 1351 | LED Decal - Take Off                           | 1                 |
| 3         | C593 1353 | Decal – LED (C593-II) <b>[TSB#003]</b>         | 2                 |
| 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                 |
| 7         | C593 1306 | Upper Inner Cover (C593-II) <b>[TSB#003]</b>   | 1                 |
| 8         | C593 1302 | Lower Inner Cover                              | 1                 |
| 8         | C593 1307 | Lower Inner Cover (C593-II) <b>[TSB#003]</b>   | 1                 |
| 9         | C593 1352 | Decal - Pickoff Pawl                           | 1                 |
| 9         | C593 1358 | Decal – Exit Pawl (C593-II) <b>[TSB#003]</b>   | 1                 |
| 10        | C593 1335 | Sound Proofing Material - Inner Cover          | 1                 |
| 11        | C593 1304 | Right Inner Cover                              | 1                 |
| 11        | C593 1309 | Right Inner Cover (C593-II) <b>[TSB#003]</b>   | 1                 |
| 12        | C593 1303 | Left Inner Cover                               | 1                 |
| 12        | C593 1308 | Left Inner Cover (C593-II) <b>[TSB#003]</b>    | 1                 |
| 13        | C233 4446 | Adjusting Plate                                | 1                 |
| 14        | C229 4492 | Front Guide                                    | 1                 |
| 14        | C239 4491 | Front Guide (C593-II) <b>[TSB#003]</b>         | 1                 |
| 15        | C218 2525 | Stepped Screw - M4                             | 2                 |
| 16        | C229 4496 | Rear Guide                                     | 1                 |
| 16        | C239 4492 | Rear Guide (C593-II) <b>[TSB#003]</b>          | 1                 |
| 17        | C229 3858 | Right Support Plate                            | 1                 |
| 17        | C239 3858 | Right Support Plate (C593-II) <b>[TSB#003]</b> | 1                 |
| 18        | C229 3857 | Left Support Plate                             | 1                 |
| 18        | C239 3857 | Left Support Plate (C593-II) <b>[TSB#003]</b>  | 1                 |
| 19        | C233 4405 | Antistatic Brush                               | 1                 |
| 20        | C593 1320 | Exit Drum Stay                                 | 1                 |
| 20        | C593 1322 | Exit Drum Stay (C593-II) <b>[TSB#003]</b>      | 1                 |
| 21        | C593 1261 | Left Cover Plate                               | 1                 |
| 21        | C593 1264 | Left Cover Plate (C593-II) <b>[TSB#003]</b>    | 1                 |
| 22        | C593 1455 | Operation Panel Ass'y - NA                     | 1                 |

| Index No. | Part No.   | Description                                           | Q'ty Per Assembly |
|-----------|------------|-------------------------------------------------------|-------------------|
| 22        | C593 1457  | Operation Panel Ass'y - NA (C593-II) <b>[TSB#003]</b> | 1                 |
| 22        | C593 1456  | Operation Panel Ass'y - EU                            | 1                 |
| 22        | C593 1458  | Operation Panel Ass'y - EU (C593-II) <b>[TSB#003]</b> | 1                 |
| 23        | C593 1263  | Right Cover Plate                                     | 1                 |
| 23        | C593 1269  | Right Cover Plate (C593-II) <b>[TSB#003]</b>          | 1                 |
| 24        | C593 1267  | Upper Cover Bracket                                   | 2                 |
| 25        | C593 1262  | Lower Middle Cover                                    | 1                 |
| 25        | C593 1268  | Lower Middle Cover (C593-II) <b>[TSB#003]</b>         | 1                 |
| 26        | C593 1266  | Upper Cover Stay                                      | 1                 |
| 27        | C229 4495  | Paper Guide                                           | 2                 |
| 27        | C235 4492  | Right Front Paper Guide (C593-II) <b>[TSB#003]</b>    | 1                 |
| 28        | C235 4494  | Right Rear Paper Guide (C593-II) <b>[TSB#003]</b>     | 1                 |
| 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)



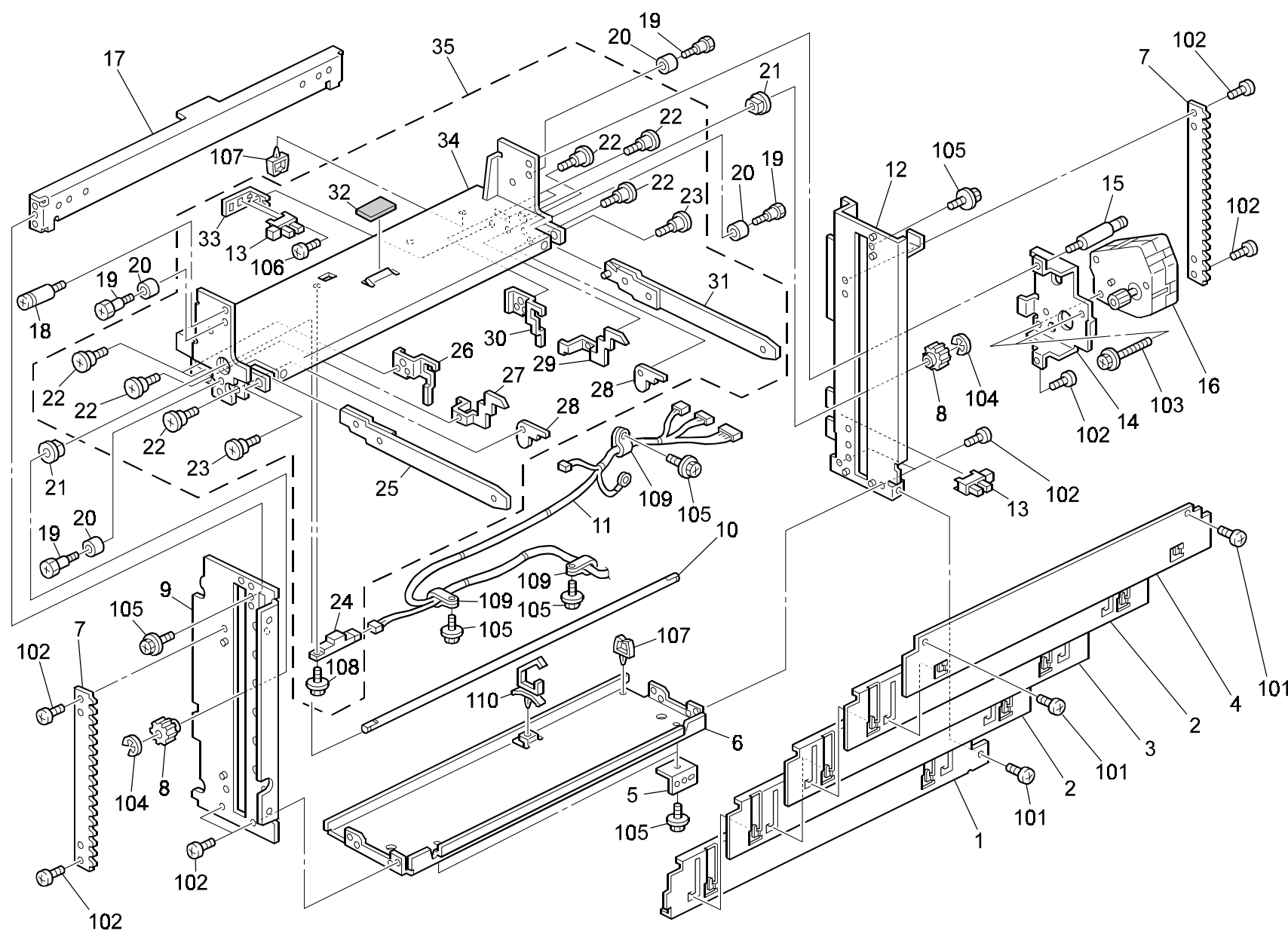
### 3. Paper Feed Section 1 (C593)

Rev. 02/15/2005

| Index No. | Part No.  | Description                                    | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------------|-------------------|
| 1         | C229 2827 | Spring Anchor - Left                           | 2                 |
| 2         | C229 2828 | Lift Up Spring - Paper Tray                    | 2                 |
| 3         | A109 4775 | Stepped Screw - M5                             | 2                 |
| 4         | C235 2819 | Lock Lever - Left Side Fence                   | 1                 |
| 5         | C235 2804 | Side Fence Grip                                | 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         | C235 2812 | Spacer - Magnet Catch                          | 2                 |
| 10        | 5054 0536 | Magnet Catch Ass'y                             | 3                 |
| 11        | C235 2820 | Left Lock Lever Spring Plate Ass'y             | 1                 |
| 12        | 5070 0923 | Spring Washer - Rotating Tab                   | 2                 |
| 13        | C235 2769 | Side Fence Pad Ass'y                           | 2                 |
| 14        | C235 2771 | Side Fence Pad                                 | 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 2951 | Decal - Scale                                  | 1                 |
| 20        | C593 2955 | Decal - Paper Scale (C593-II) <b>[TSB#003]</b> | 1                 |
| 21        | C235 2791 | Right Side Fence                               | 1                 |
| 22        | C235 2773 | Paper Tray                                     | 1                 |
| 22        | C244 2775 | Paper Tray (C593-II) <b>[TSB#004]</b>          | 1                 |
| 23        | C232 5236 | Harness - Original Size Sensor                 | 1                 |
| 24        | C244 2955 | Ground Plate <b>[TSB#004]</b>                  | 1                 |
| 25        | C229 2952 | Spring Plate - Paper Tray                      | 1                 |
| 26        | C229 2954 | Spring Plate                                   | 2                 |
| 27        | C229 2784 | Grounding Plate                                | 2                 |
| 28        | C229 5155 | Paper Size Sensor Board                        | 1                 |
| 29        | C235 2779 | Harness Holder                                 | 1                 |
| 29        | C244 2778 | Harness Holder (C593-II) <b>[TSB#004]</b>      | 1                 |
| 30        | C229 5807 | Photosensor - GP2A25                           | 1                 |
| 31        | C229 2780 | Side Fence Rack - Right                        | 1                 |
| 32        | C229 2794 | Tension Spring Plate                           | 2                 |

| Index No. | Part No.   | Description                                       | Q'ty Per Assembly |
|-----------|------------|---------------------------------------------------|-------------------|
| 33        | G011 3305  | Gear - 16T                                        | 1                 |
| 34        | C229 2781  | Side Fence Rack                                   | 1                 |
| 35        | C232 2775  | Paper Tray - Sub                                  | 1                 |
| 35        | C245 2775  | Paper Tray - Sub (C593-II) <b>[TSB#004]</b>       | 1                 |
| 36        | C235 2774  | Paper Feed Cover                                  | 1                 |
| 36        | C244 2784  | Paper Feed Cover (C593-II) <b>[TSB#004]</b>       | 1                 |
| 37        | 5443 2713  | Wave Washer                                       | 2                 |
| 38        | 5506 1536  | Screw - M4X6                                      | 2                 |
| 39        | C235 2813  | Decal - Side Fence - Right                        | 1                 |
| 40        | C593 2747  | Paper Feed Table Ass'y                            | 1                 |
| 40        | C593 2750  | Paper Feed Table Ass'y (C593-II) <b>[TSB#003]</b> | 1                 |
| 41        | C593 2954  | Paper Size Decal                                  | 1                 |
| 41        | C593 2956  | Paper Size Decal (C593-II) <b>[TSB#003]</b>       | 1                 |
|           |            |                                                   |                   |
| 101       | 0451 4006B | Tapping Screw - 4x6                               |                   |
| 102       | 0452 3006B | Tapping Screw - M3x6                              |                   |
| 103       | 0453 3006B | Tapping Screw - M3x6                              |                   |
| 104       | 0452 3008Z | Bind Tapping Screw - M3x8                         |                   |
| 105       | 0701 0080Z | Flat Washer - M8                                  |                   |
| 106       | 0453 4008Z | Tapping Screw - M4X8                              |                   |
| 107       | 0450 3006B | Tapping Screw - M3x6                              |                   |
| 108       | 0353 0060B | Philips Pan Head Screw - M3x6                     |                   |

4. Paper Feed Section 2 (C593)



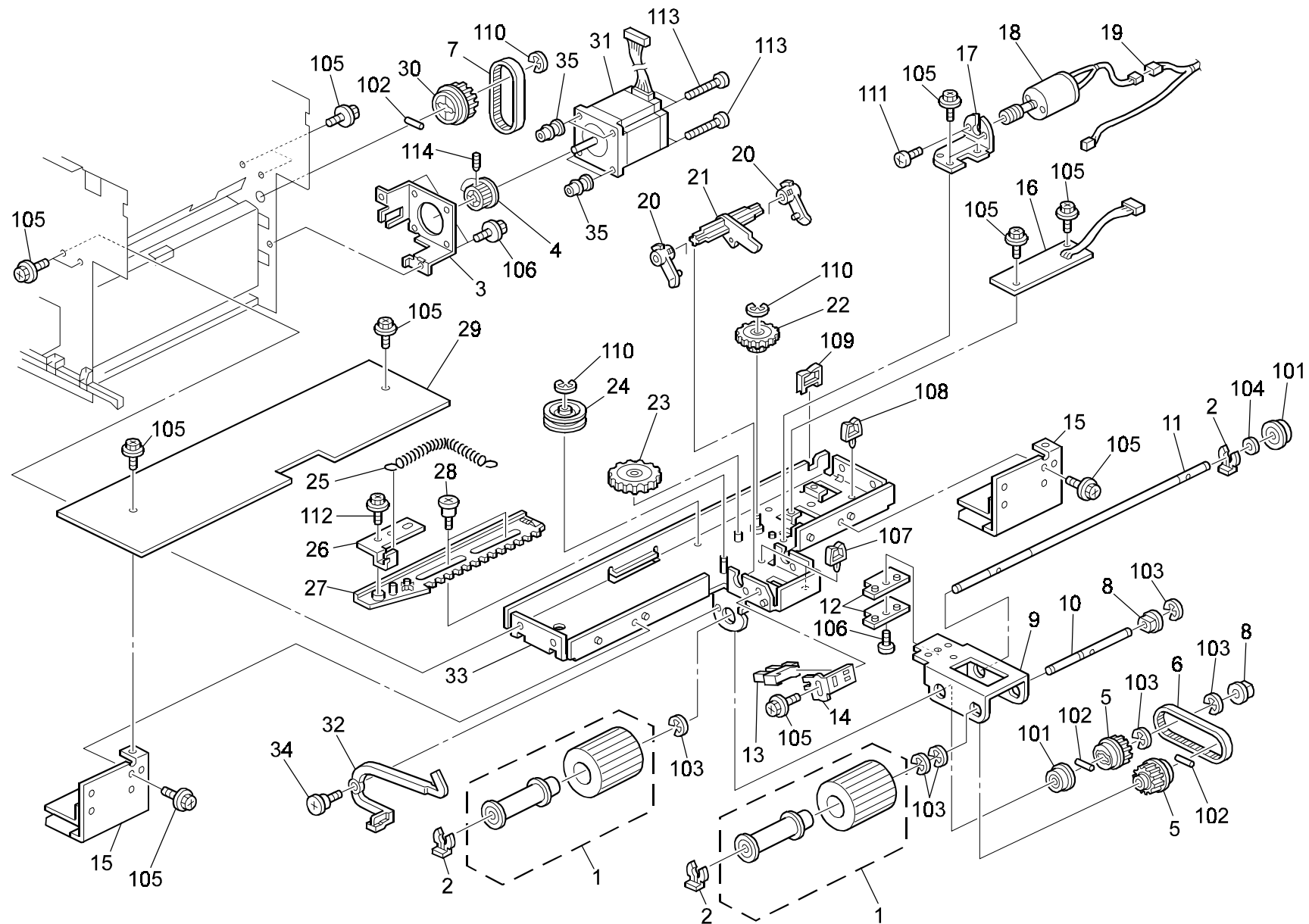
#### 4. Paper Feed Section 2 (C593)

Rev. 02/15/2005

| 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                 |
| 4         | C239 2766 | Upper Shield Plate (C593-II) <b>[TSB#003]</b> | 1                 |
| 5         | C593 1267 | Upper Cover Bracket                           | 2                 |
| 6         | C229 2757 | Paper Table Lower Stay                        | 1                 |
| 7         | C244 2755 | Lift Up Rack - Paper Table <b>[TSB#004]</b>   | 2                 |
| 8         | C229 2824 | Gear - 20Z                                    | 2                 |
| 9         | C244 2754 | Left Side Plate <b>[TSB#004]</b>              | 1                 |
| 10        | C229 2823 | Table Lift Shaft                              | 1                 |
| 11        | C232 5236 | Harness - Original Size Sensor                | 1                 |
| 12        | C244 2751 | Right Side Plate <b>[TSB#004]</b>             | 1                 |
| 13        | AW02 0075 | Photointerruptor                              | 2                 |
| 14        | C244 5730 | Paper Table Motor Bracket <b>[TSB#004]</b>    | 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        | C244 2799 | Stepped Screw - M3x8 <b>[TSB#004]</b>         | 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                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 35        | C229 2805  | Paper Table Ass'y                 | 1                 |
| 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)



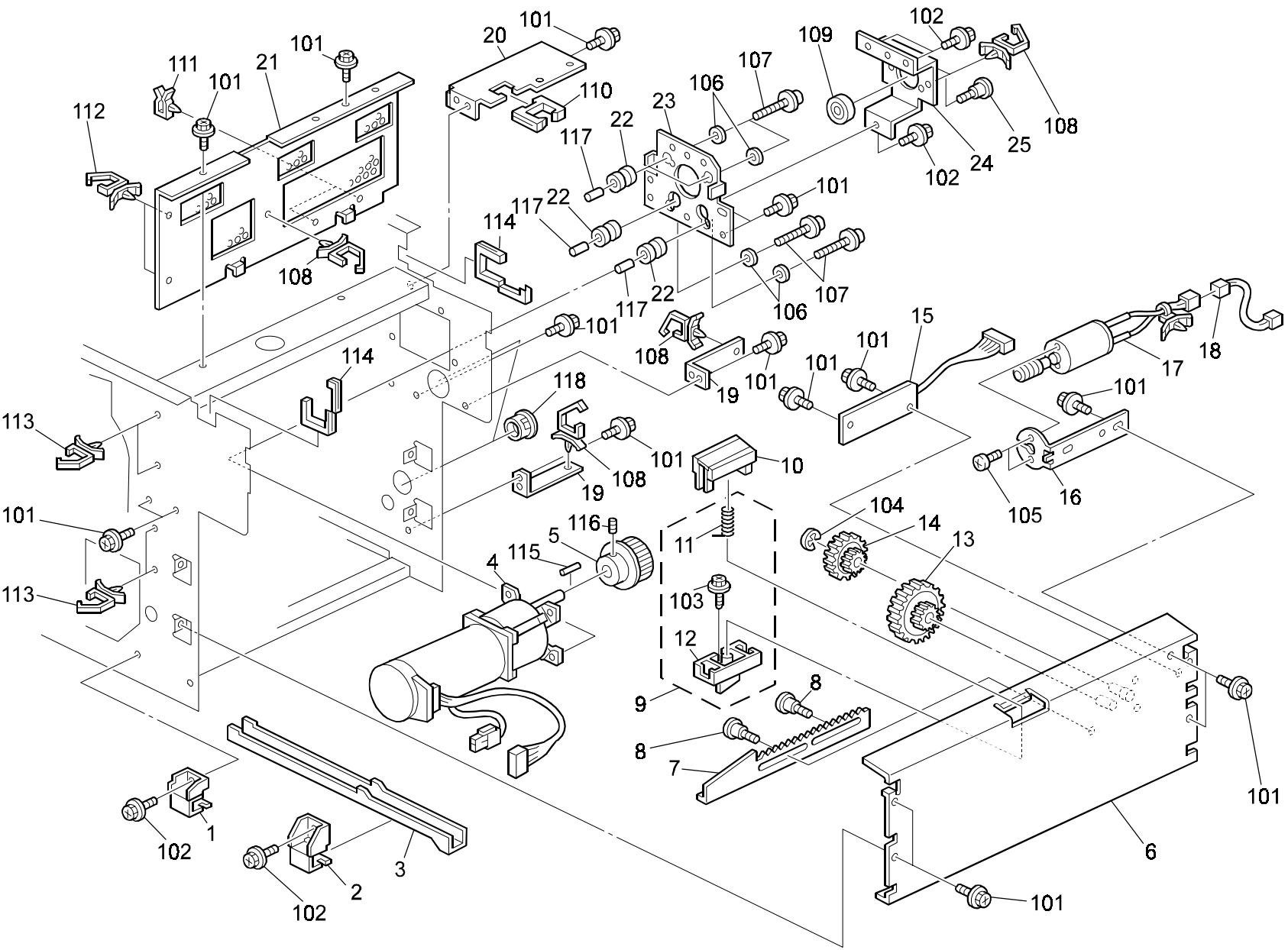


## 5. Paper Feed Section 3 (C593)

| 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)

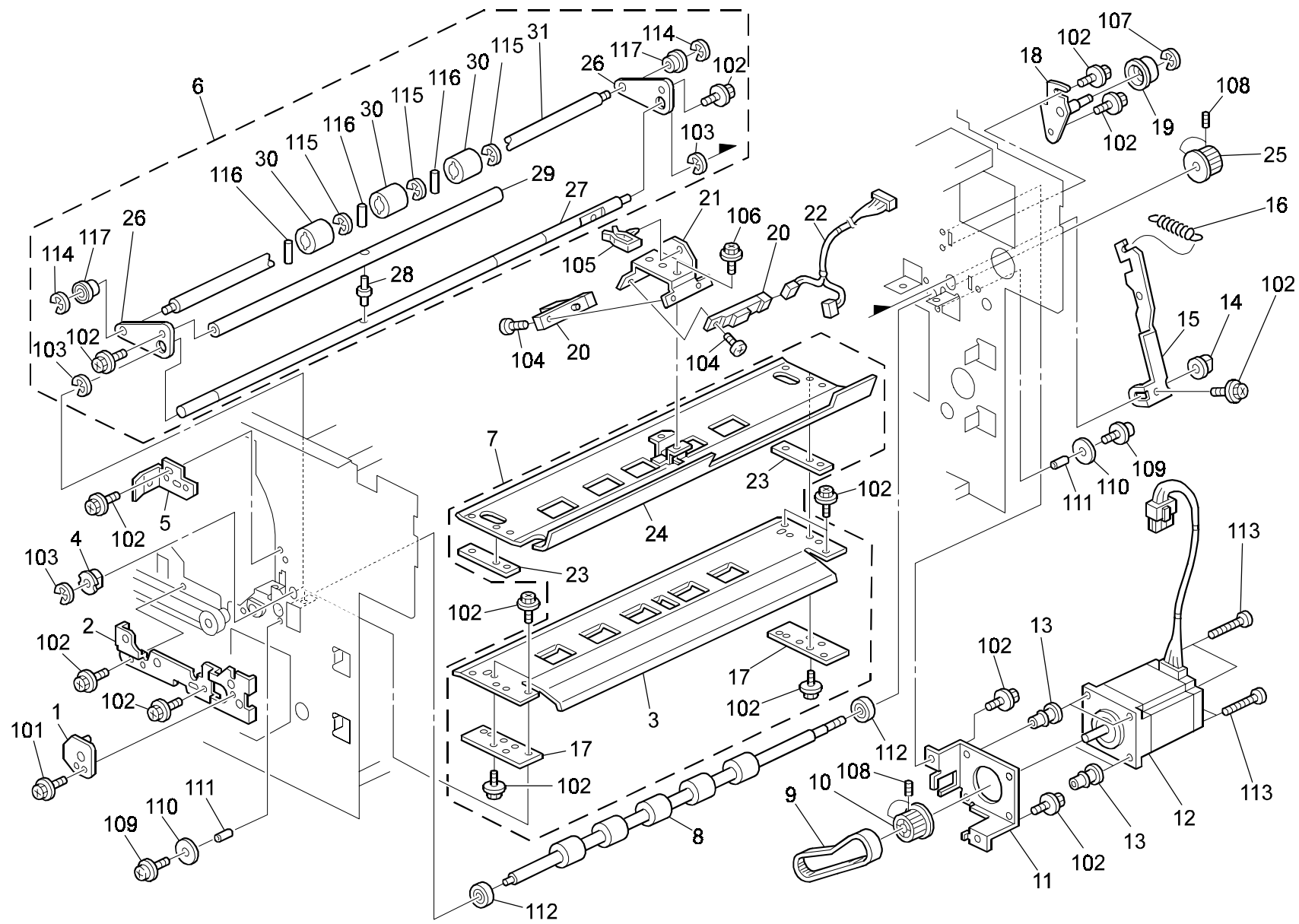


## 6. Paper Feed Section 4 (C593)

| 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 | 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        | 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)

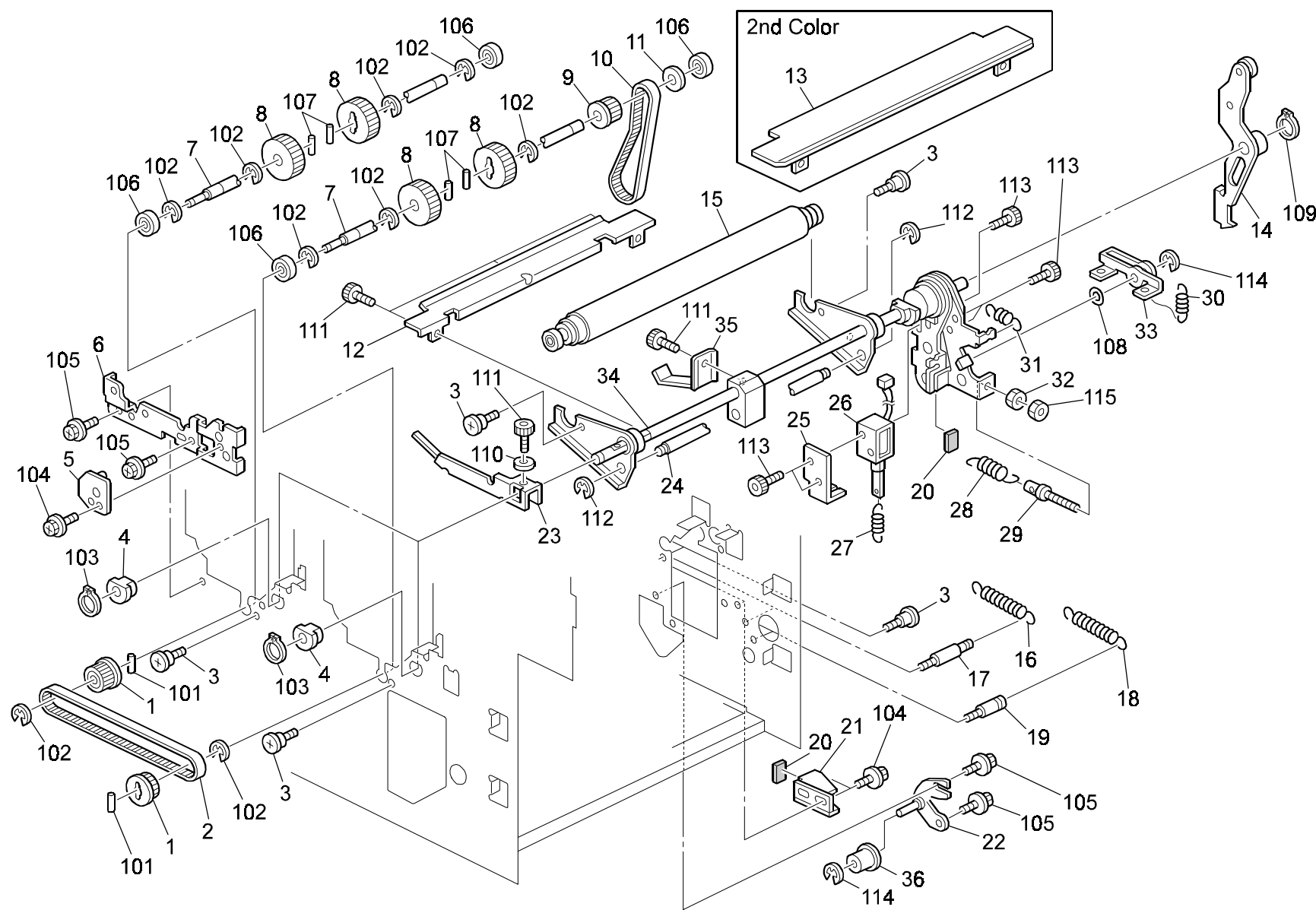


## 7. Paper Feed Section 5 (C593)

| 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 | Adjusting 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 Swivel 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)

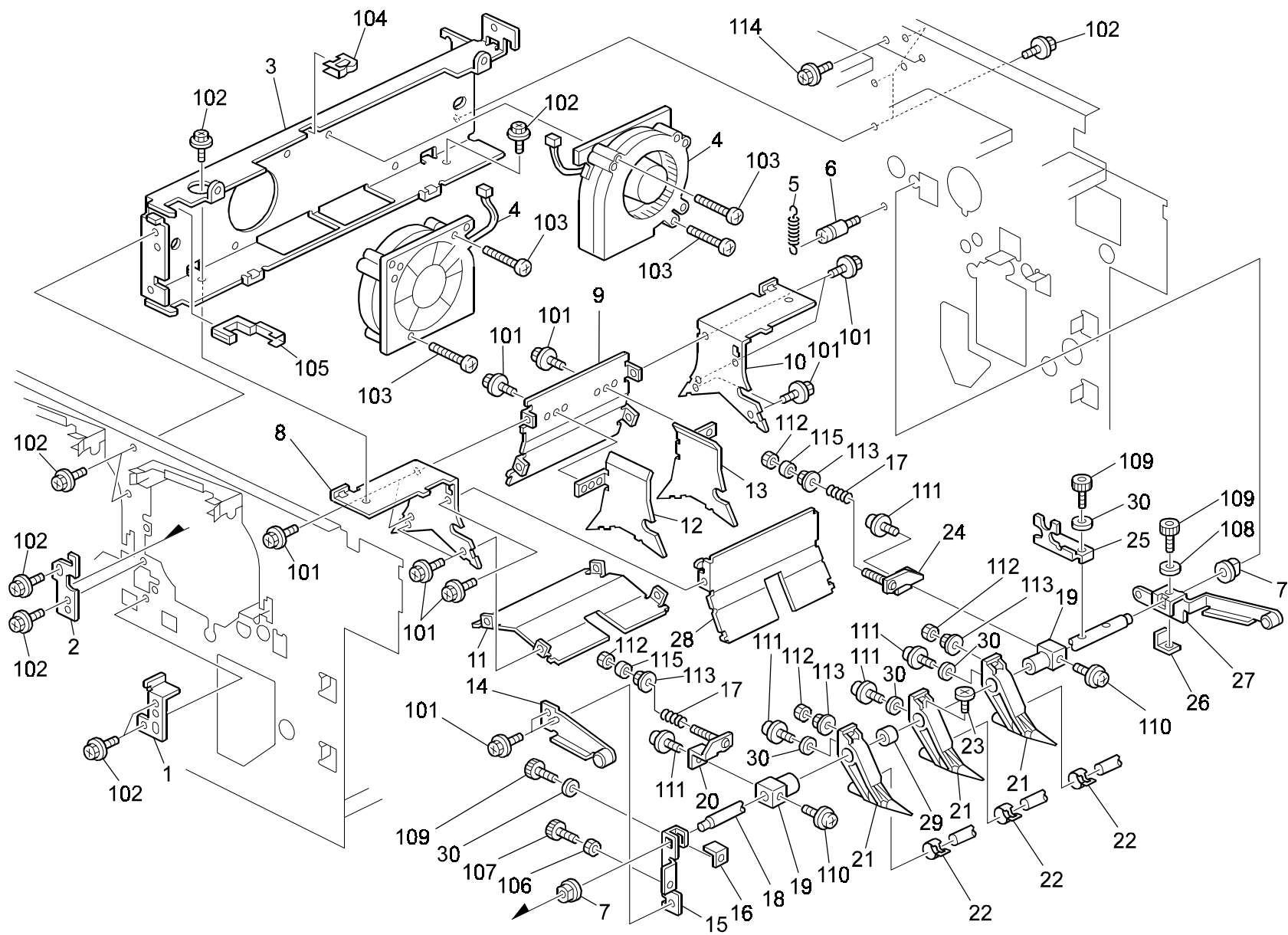


## 8. Pressure Roller Section 1 (C593)

| 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)



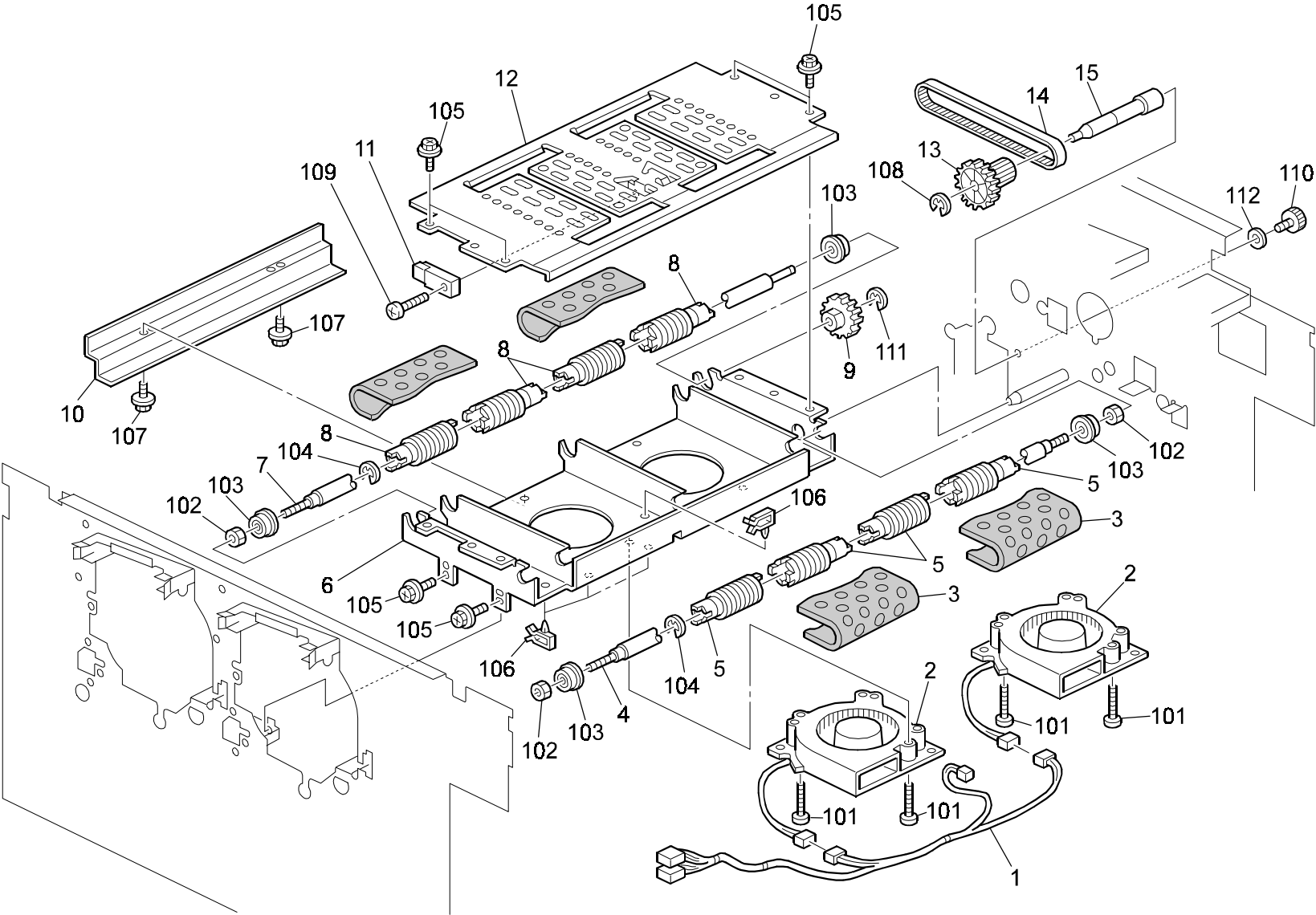


## 9. Paper Transport 1 (C593)

| 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                  |                   |

**C593**

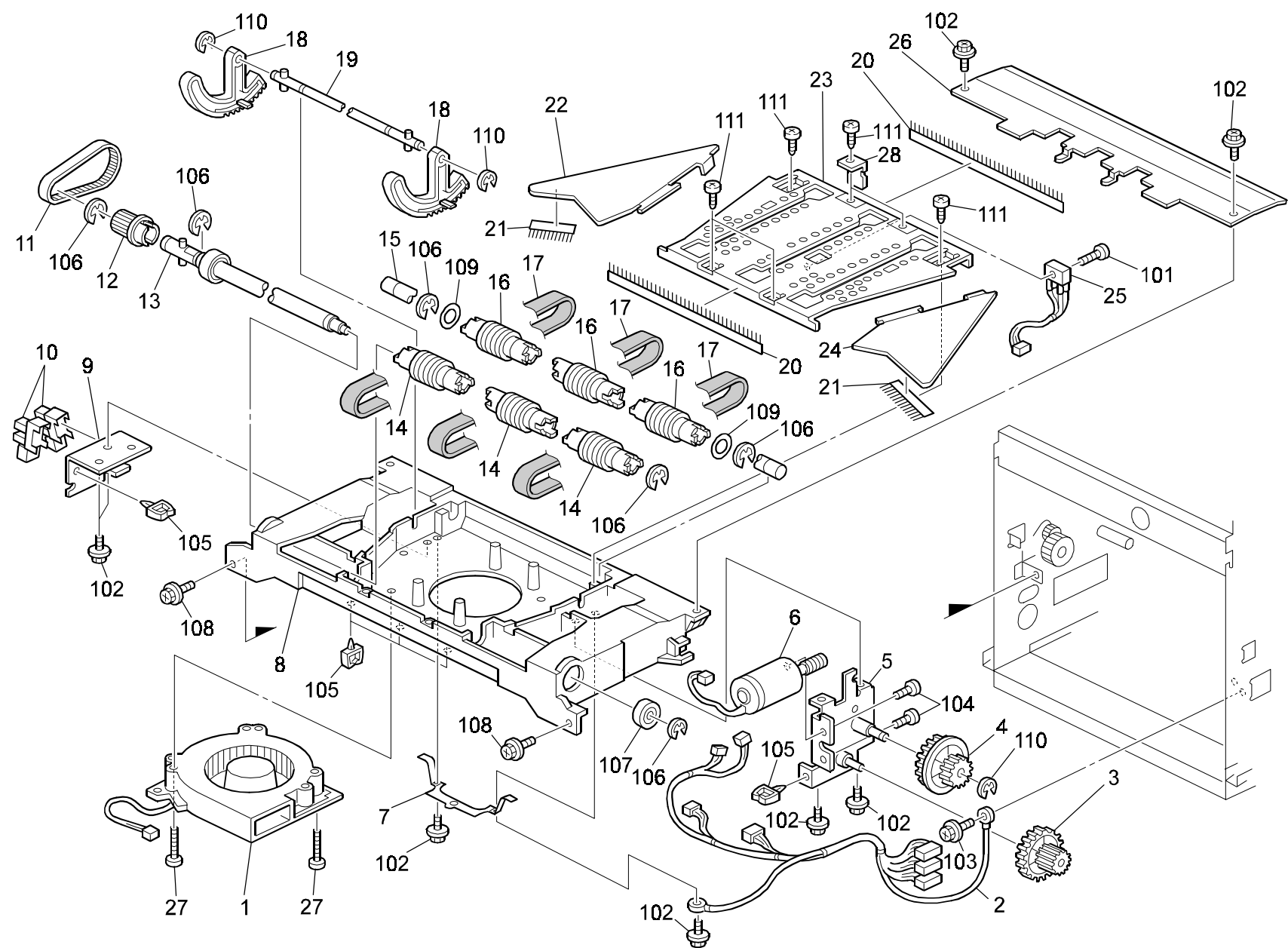


## 11. Paper Exit Section 1 (C593)

| 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)



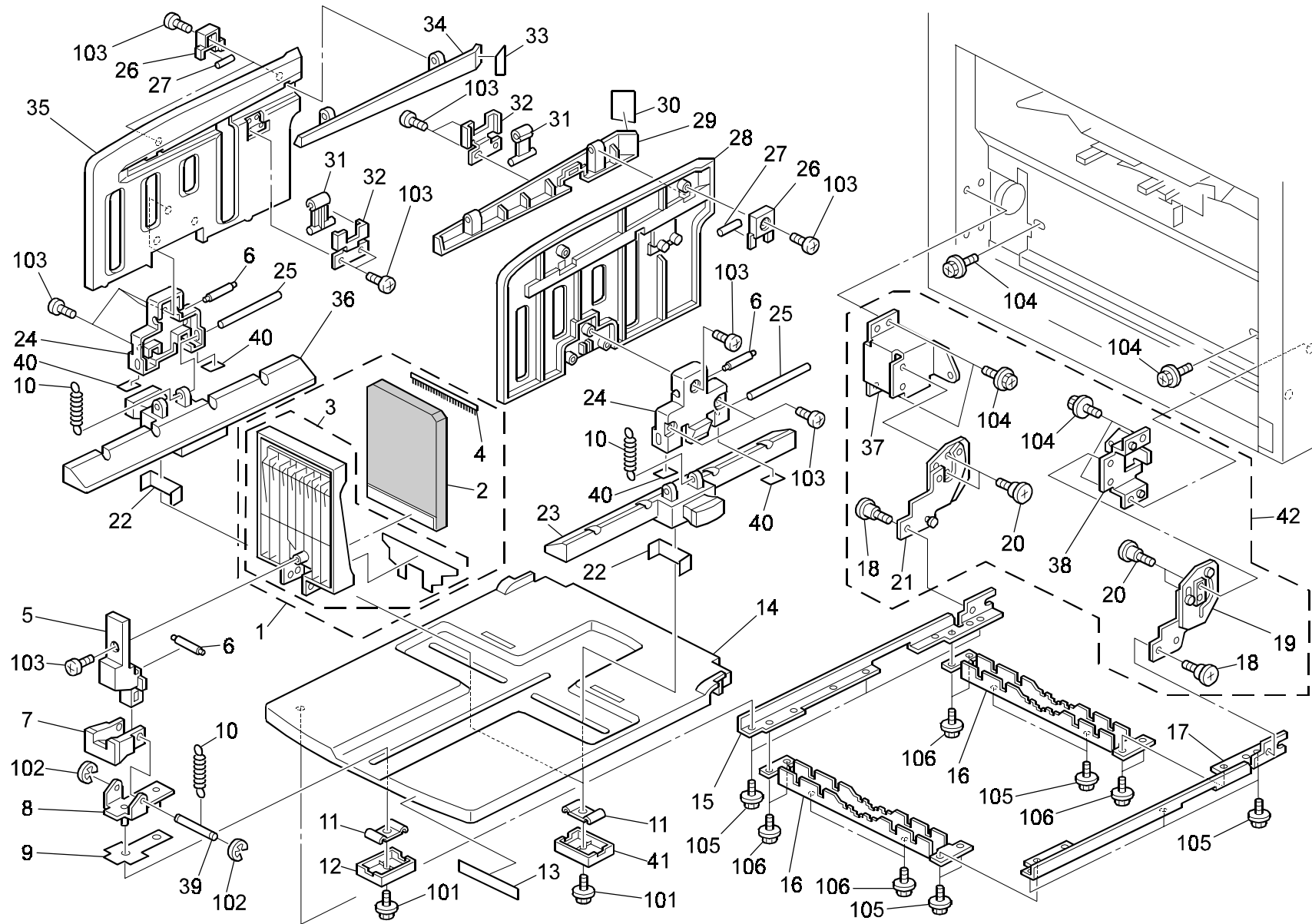
## 12. Paper Exit Section 2 (C593)

Rev. 02/15/2005

| 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         | C244 4101 | Transport Belt Case <b>[TSB#004]</b> | 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 | Grounding 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)





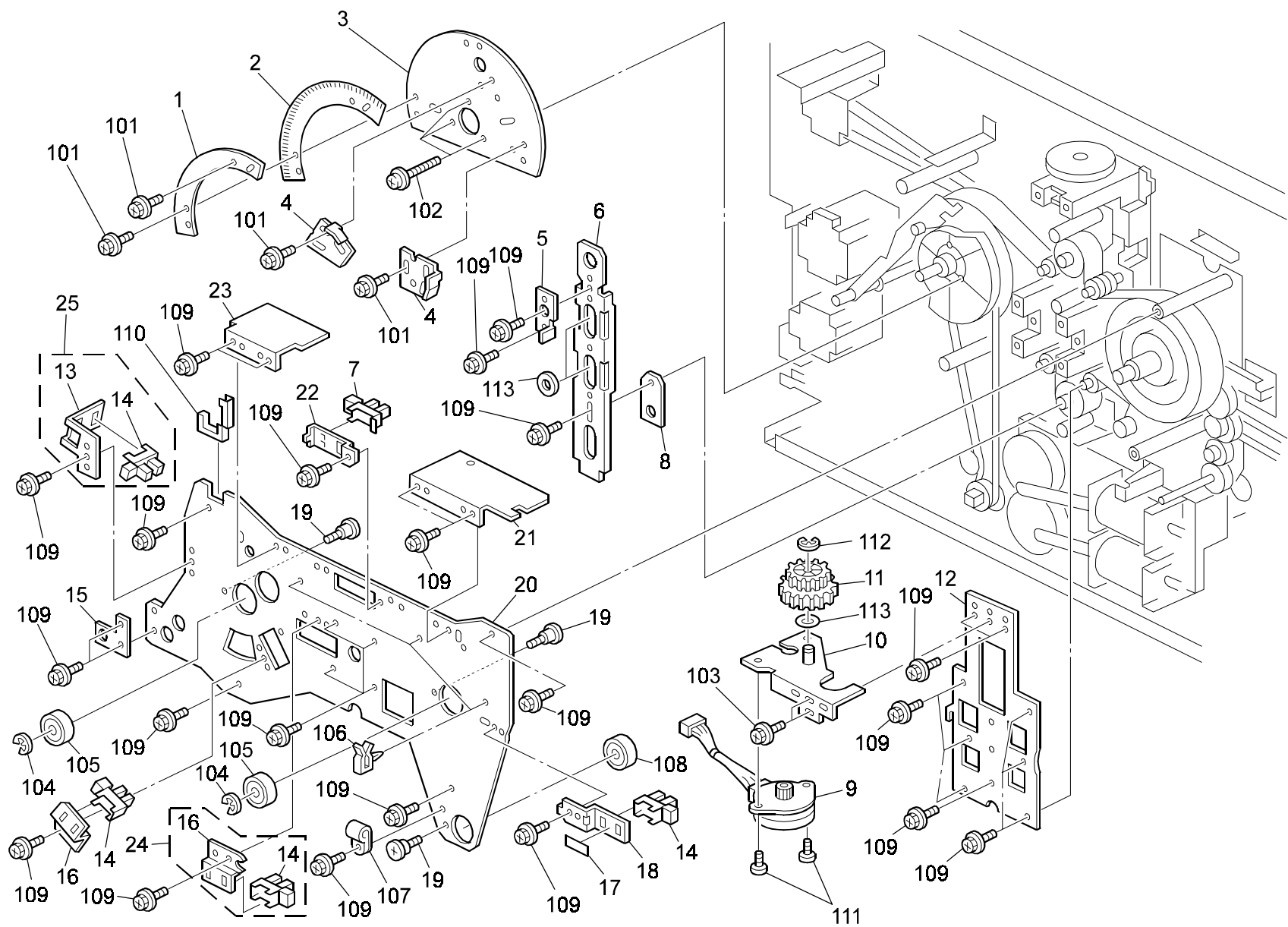
### 13. Paper Exit Section 3 (C593)

Rev. 08/03/2004

| Index No. | Part No.  | Description                                             | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------------------|-------------------|
| 1         | C233 4419 | End Plate Ass'y                                         | 1                 |
| 1         | C238 4419 | End Plate Ass'y (C593-II) <b>[TSB#003]</b>              | 1                 |
| 2         | C229 4376 | End Fence Cushion                                       | 1                 |
| 3         | C233 4420 | End Fence - Sub Ass'y                                   | 1                 |
| 3         | C238 4420 | End Fence - Sub Ass'y (C593-II) <b>[TSB#003]</b>        | 1                 |
| 4         | C233 4430 | Antistatic Brush                                        | 1                 |
| 5         | C233 4422 | End Fence Case-Paper Exit                               | 1                 |
| 5         | C238 4422 | End Fence Case-Paper Exit (C593-II) <b>[TSB#003]</b>    | 1                 |
| 6         | C231 4415 | Upper Side Fence Pin                                    | 3                 |
| 7         | C231 4408 | Side Fence Grip                                         | 1                 |
| 7         | C238 4406 | Side Fence Grip (C593-II) <b>[TSB#003]</b>              | 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                 |
| 12        | C238 4421 | Slider Cover (C593-II) <b>[TSB#003]</b>                 | 1                 |
| 13        | C231 4196 | Decal - Exit Open And Close                             | 1                 |
| 14        | C233 4390 | Paper Exit Base                                         | 1                 |
| 14        | C238 4390 | Paper Exit Base (C593-II) <b>[TSB#003]</b>              | 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                 |
| 23        | C238 4395 | Front Lower Guide (C593-II) <b>[TSB#003]</b>            | 1                 |
| 24        | C233 4413 | Side Fence Case - Paper Exit                            | 2                 |
| 24        | C238 4413 | Side Fence Case - Paper Exit (C593-II) <b>[TSB#003]</b> | 2                 |
| 25        | C233 4414 | Pin - Lower Side Fence                                  | 2                 |
| 26        | C233 4417 | Guide Plate Upper Stopper                               | 4                 |

| Index No. | Part No.   | Description                                                      | Q'ty Per Assembly |
|-----------|------------|------------------------------------------------------------------|-------------------|
| 26        | C238 4417  | Guide Plate Upper Stopper (C593-II) <b>[TSB#003]</b>             | 4                 |
| 27        | C227 6156  | Upper Guide Shaft                                                | 4                 |
| 28        | C233 4411  | Front Side Fence - Paper Exit                                    | 1                 |
| 28        | C238 4411  | Front Side Fence - Paper Exit (C593-II) <b>[TSB#003]</b>         | 1                 |
| 29        | C233 4415  | Exit Guide Plate - Front Upper                                   | 1                 |
| 29        | C238 4415  | Exit Guide Plate - Front Upper (C593-II) <b>[TSB#003]</b>        | 1                 |
| 30        | C233 4426  | Front Exit Guide                                                 | 1                 |
| 31        | C233 4425  | Link Guide                                                       | 2                 |
| 31        | C238 4425  | Link Guide (C593-II) <b>[TSB#003]</b>                            | 2                 |
| 32        | C233 4418  | Link Spring Plate                                                | 2                 |
| 33        | C233 4427  | Rear Exit Guide                                                  | 1                 |
| 34        | C233 4416  | Exit Guide Plate - Rear Upper                                    | 1                 |
| 34        | C238 4416  | Exit Guide Plate - Rear Upper (C593-II) <b>[TSB#003]</b>         | 1                 |
| 35        | C233 4412  | Rear Side Fence - Paper Exit Sub Unit                            | 1                 |
| 35        | C238 4412  | Rear Side Fence - Paper Exit Sub Unit (C593-II) <b>[TSB#003]</b> | 1                 |
| 36        | C233 4392  | Rear Lower Guide                                                 | 1                 |
| 36        | C238 4396  | Rear Lower Guide (C593-II) <b>[TSB#003]</b>                      | 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                 |
| 41        | C238 4456  | Slider Cover (C593-II) <b>[TSB#003]</b>                          | 2                 |
| 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)

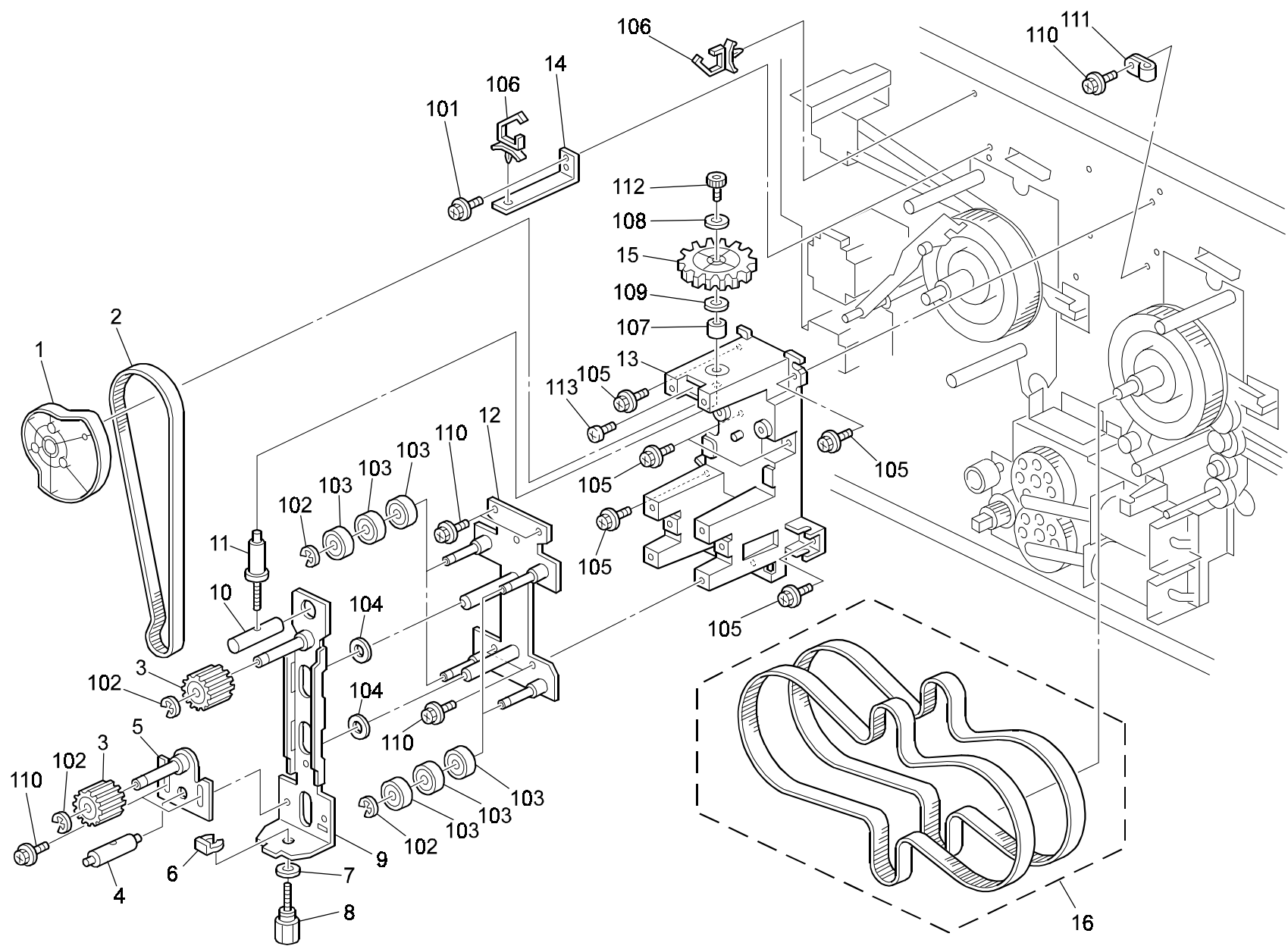


#### 14. Drive Section 1 (C593)

| 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           |                   |

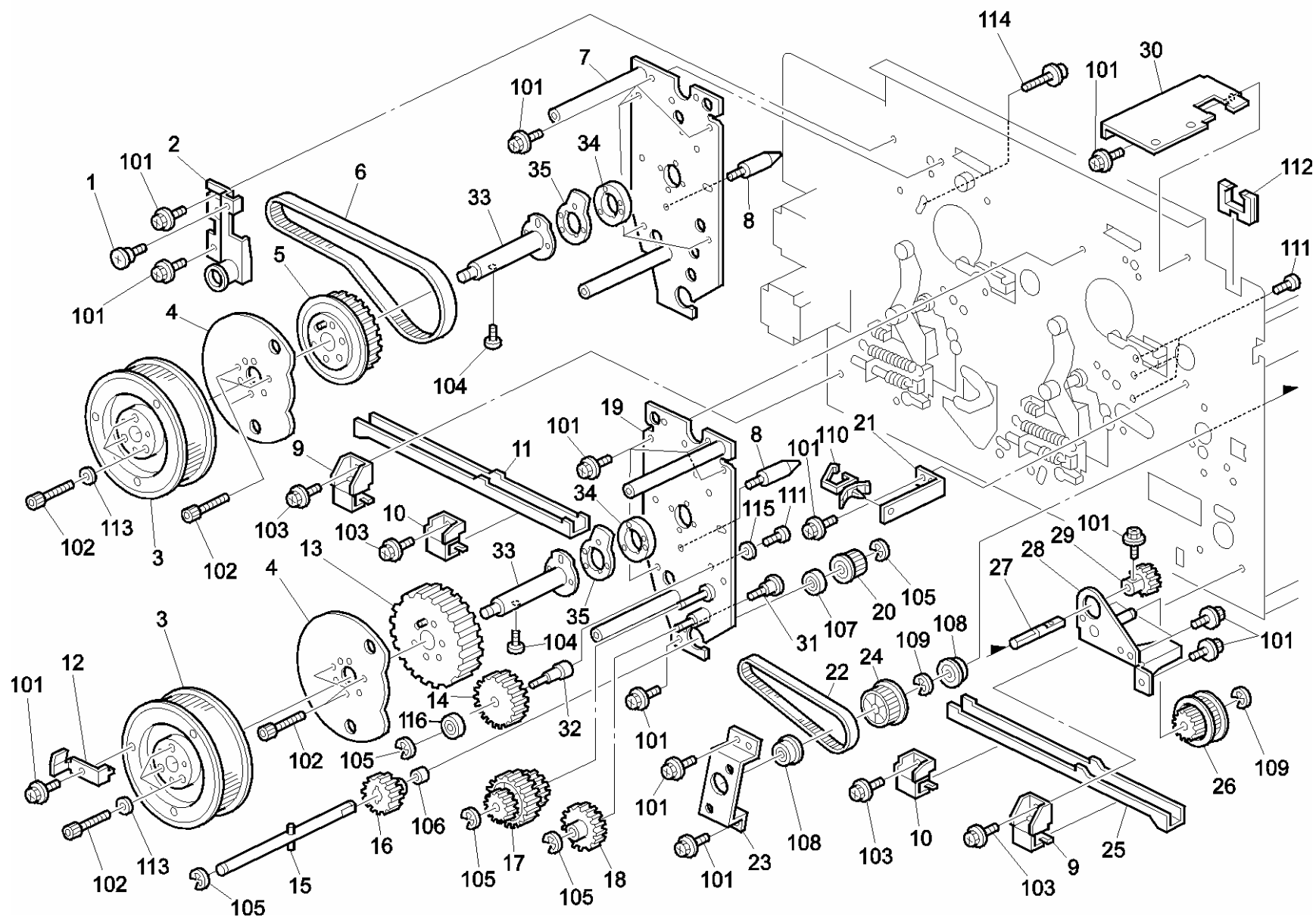
15. Drive Section 2 (C593)



## 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 |                   |

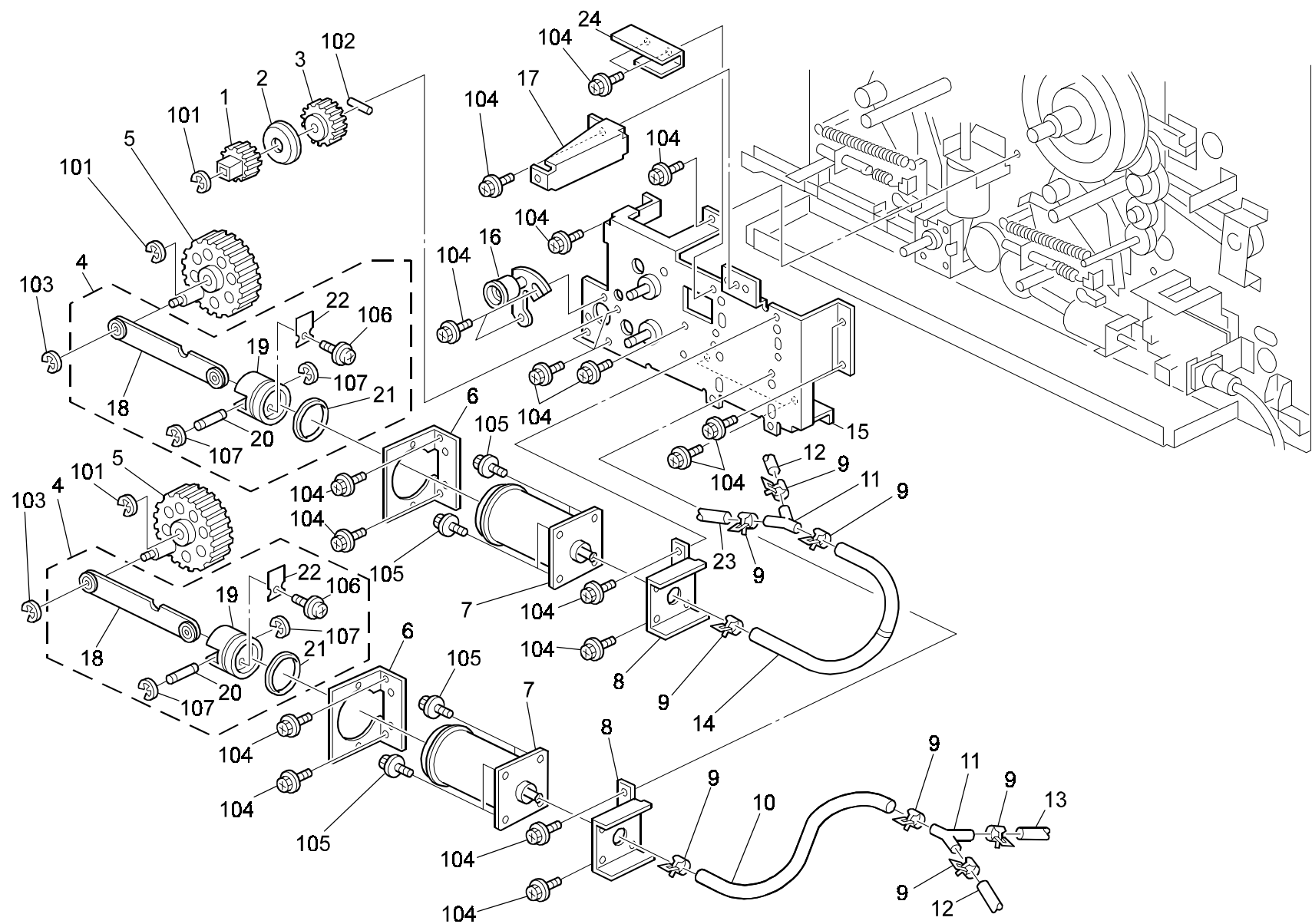


## 16. Drive Section 3 (C593)

| 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        | C639 1698 | Gear Shaft <b>[TSB#006]</b>      | 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            |                   |
| 116       | 0701 0080N | Washer DIA8 <b>[TSB#006]</b> |                   |

17. Drive Section 4 (C593)



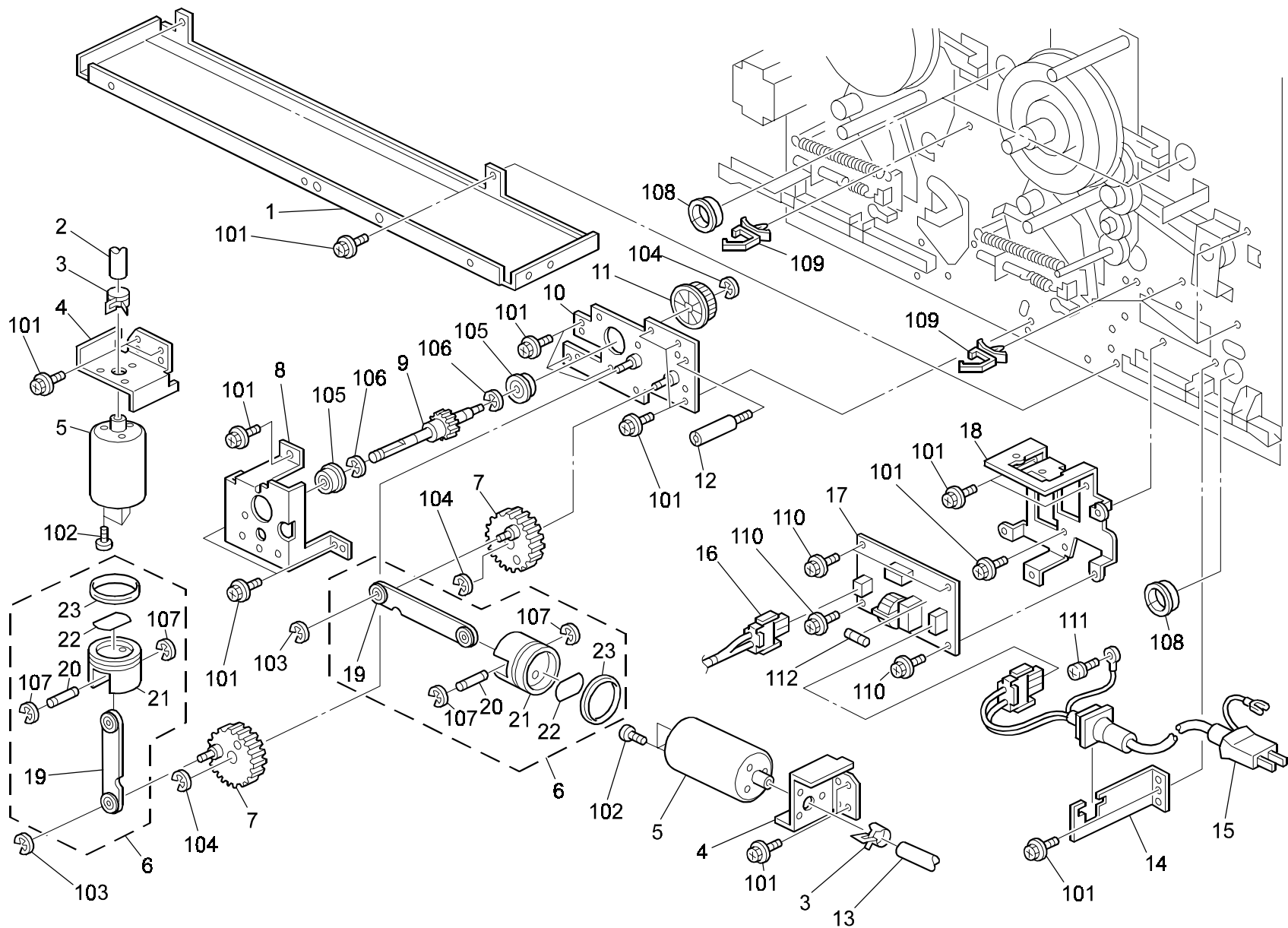


## 17. Drive Section 4 (C593)

| 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)

Rev. 05/06/2004

| 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        | C231 5008 | Power Supply Cord - 125V (NA) [TSB#002] | 1                 |
| 15        | C231 5009 | Power Supply Cord - 230V (EU) [TSB#002] | 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 |                   |

**C593**



## 19. Electrical Section (C593)

Rev. 03/21/2006

| 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                 |
| 16        | C593 5130 | Image Control Board (C593-II) <b>[TSB#003]</b>   | 1                 |
| 17        | C593 5220 | Operation Panel Harness                          | 1                 |
| 18        | C592 5205 | Grounding Wire                                   | 1                 |
| 19        | C593 5500 | Power Supply Unit <b>[TSB#005]</b>               | 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                 |
| 23        | C593 5135 | IC Control (19050007) (C593-II) <b>[TSB#003]</b> | 1                 |
| 24        | C593 5302 | Fuse-12A 250C                                    | 2                 |
| 25        | C593 5640 | Heat Sink                                        | 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  |                   |

**C593**



## 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                 |

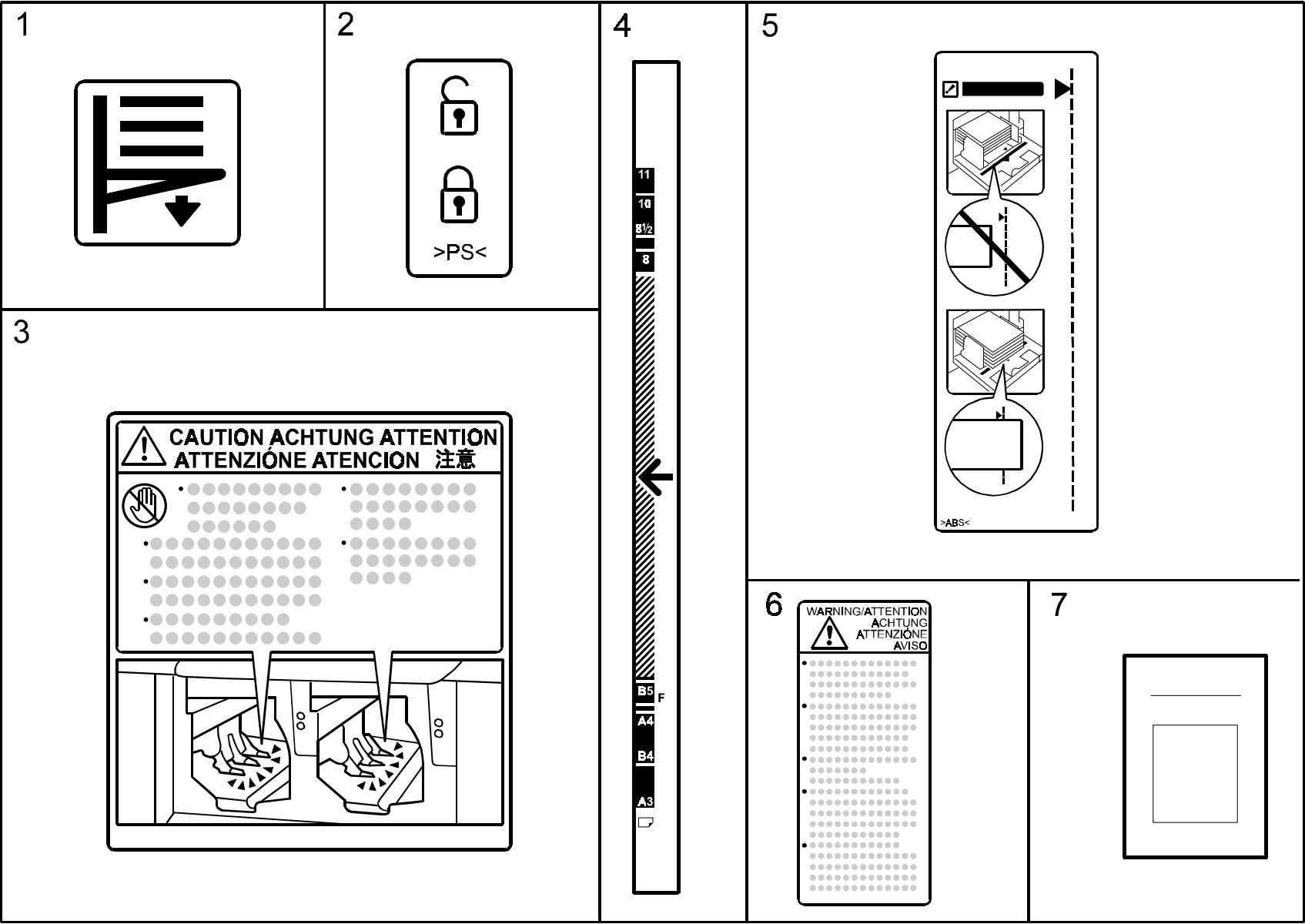
| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 101       | 1100 1474 | Test Pin                   |                   |
| 102       | 1102 1897 | Connector - 6P             |                   |
| 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 $\Omega$ $\pm$ 5%            |                   |
| 142       | 1601 7796 | Resistor Array - 2.2KO                       |                   |
| 143       | 1601 7801 | Resistor Array - 10K $\Omega$ $\pm$ 5% 1/16W |                   |
| 144       | 1601 7805 | Resistor Array - 33 $\Omega$ $\pm$ 5% 1/16W  |                   |
| 145       | 1601 8186 | Variable Resistor - 200K $\Omega$            |                   |
| 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 $\mu$ F $\pm$ 5% 50V       |                   |
| 150       | 1606 1986 | Capacitor - 0.1 $\mu$ F $\pm$ 5% 16V         |                   |
| 151       | 1610 1234 | Resistor - 47 $\Omega$ 1W $\pm$ 5%           |                   |
| 152       | 1630 1100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/4W         |                   |
| 153       | 1630 1221 | Resistor - 220 $\Omega$ $\pm$ 5% 1/4W        |                   |
| 154       | 1630 2220 | Resistor - 22 $\Omega$ 1/8W $\pm$ 5%         |                   |
| 155       | 1630 3103 | Resistor - 10K $\Omega$ 1/10W $\pm$ 5%       |                   |
| 156       | 1630 3151 | Resistor - 150 $\Omega$ $\pm$ 5% 1/10W       |                   |
| 157       | 1630 3471 | Resistor - 470 $\Omega$ - 1/10W              |                   |
| 158       | 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 159       | 1630 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W       |                   |
| 160       | 1630 4102 | Resistor - 1.0K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 161       | 1630 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/16W       |                   |
| 162       | 1630 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%            |                   |
| 163       | 1630 4244 | Resistor - 240K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 164       | 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W         |                   |
| 165       | 1630 4332 | Resistor - 3.3K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 166       | 1630 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 167       | 1630 4683 | Resistor - 68K $\Omega$ $\pm$ 5% 1/16W       |                   |
| 168       | 1633 1002 | Resistor - 10K $\Omega$ $\pm$ 1% 1/10W       |                   |
| 169       | 1633 2201 | Resistor - 2.2 $\Omega$ $\pm$ 1% 1/10W       |                   |
| 170       | 1633 3741 | Resistor - 3.7K $\Omega$ $\pm$ 5% 1/10W      |                   |

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| 172       | 1633 6802 | Resistor - 68K $\Omega$ $\pm$ 1% 1/10W |                   |
| 173       | 1633 9101 | Resistor - 9.1K $\Omega$ 1/10W         |                   |
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| 175       | 1640 2101 | Capacitor - 100 $\mu$ F $\pm$ 20% 25V  |                   |
| 176       | 1640 5100 | Capacitor - 10 $\mu$ F+20% 50          |                   |
| 177       | 1640 5101 | Capacitor - 100 $\mu$ 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          |                   |
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| 183       | 1660 5103 | Capacitor - 10000pF $\pm$ 10% 50V      |                   |
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22. Decals And Documents (C593)



## 22. Decals And Documents (C593)

Rev. 08/03/2004

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**C593**

**PARTS INDEX**



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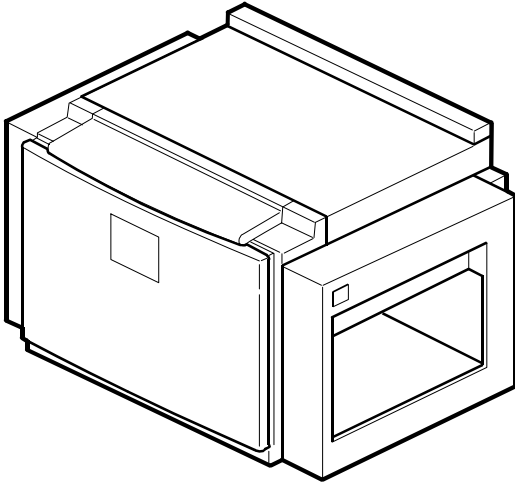
**C639**  
**PARTS LOCATION AND LIST**



This section instructs you as to the numbers and names of parts on this machine.

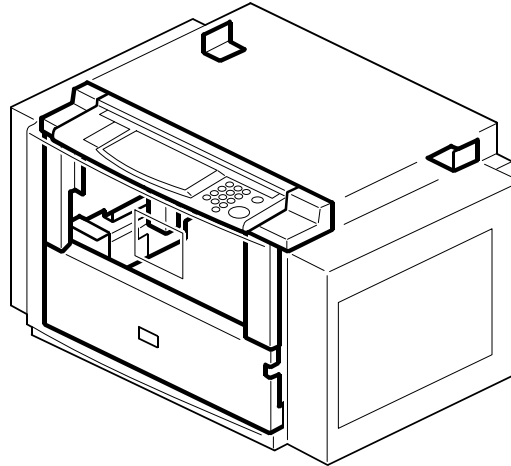
## LOCATIONS OF UNITS

1. Exterior 1 (C639)



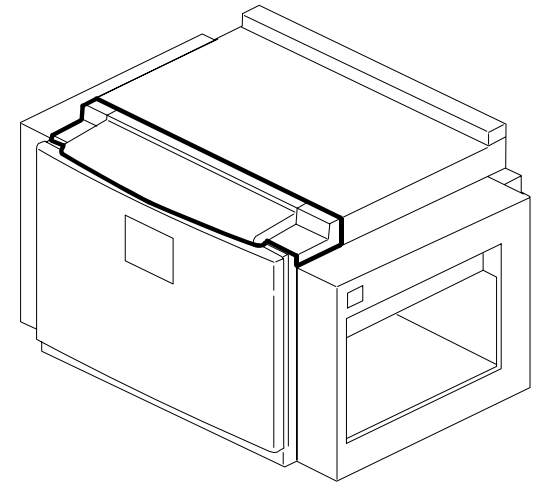
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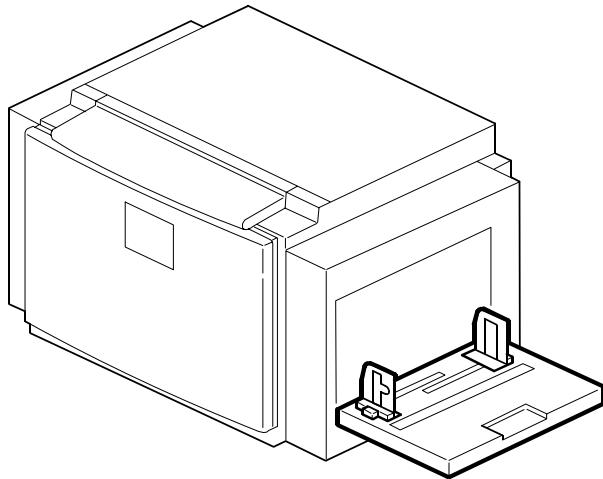
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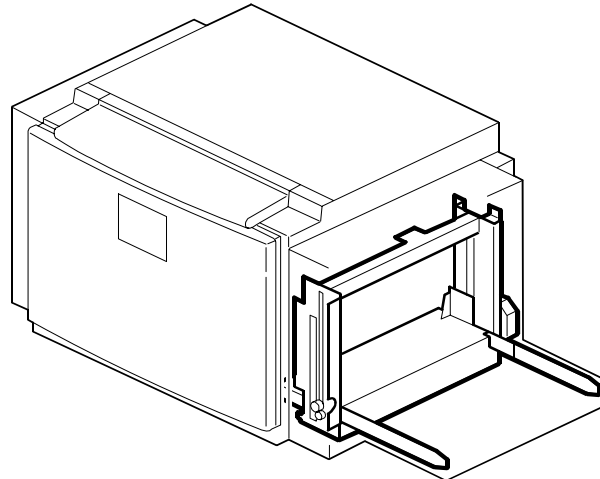
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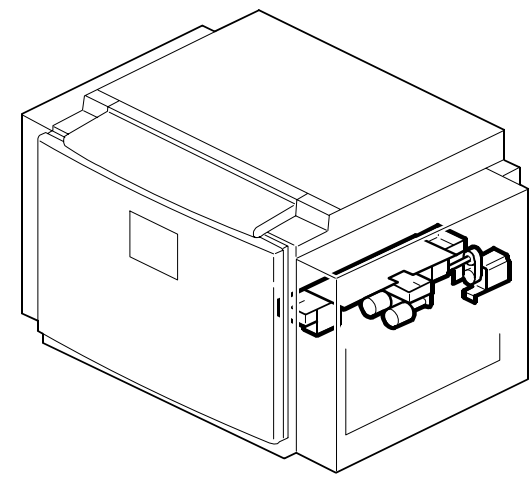
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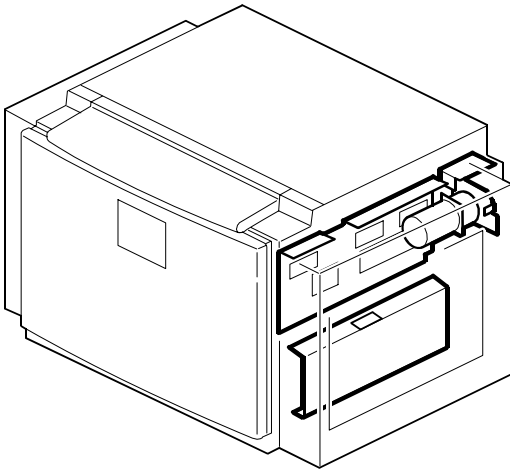


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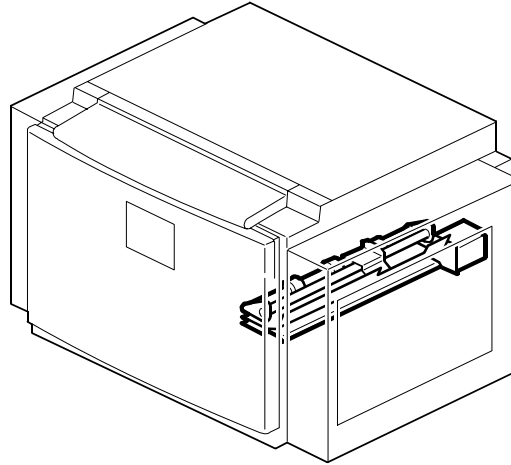
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7. Paper Feed Section 4 (C639)



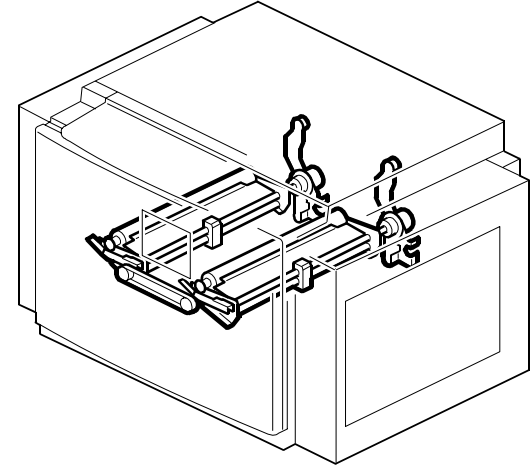
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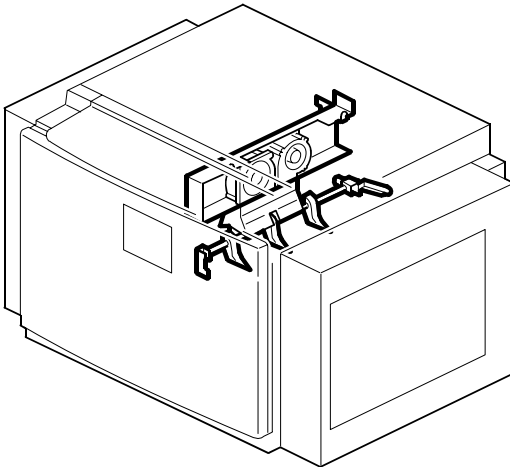
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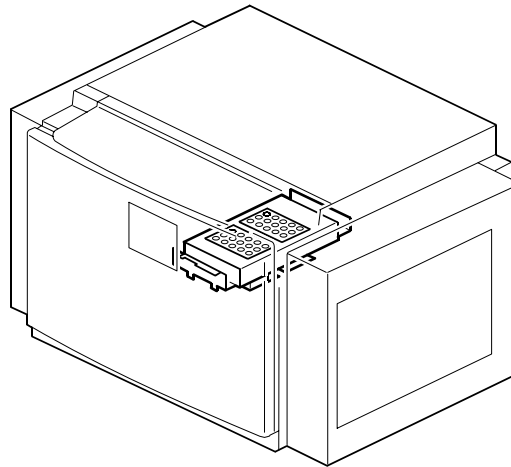
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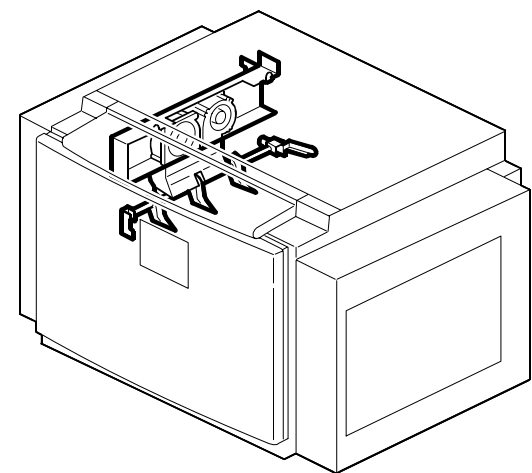
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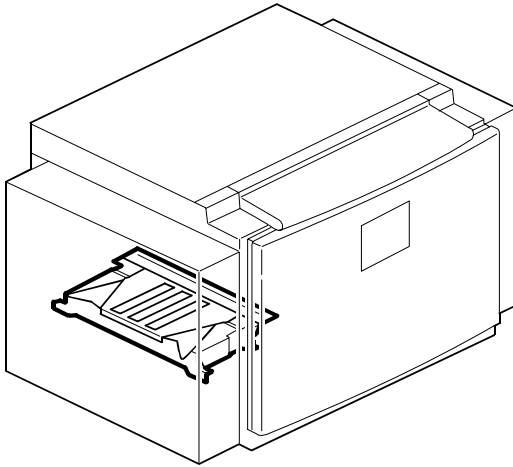
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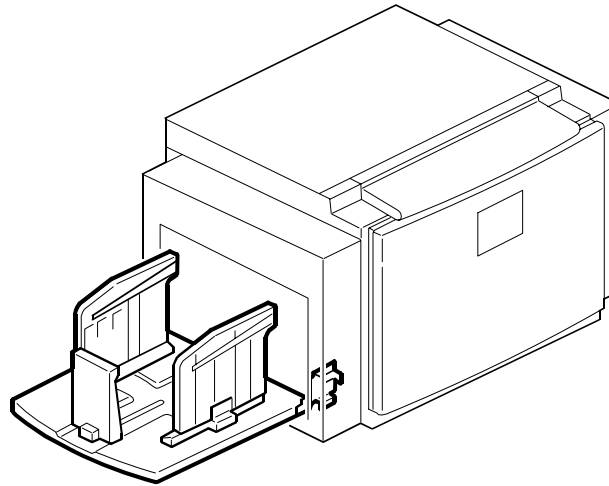
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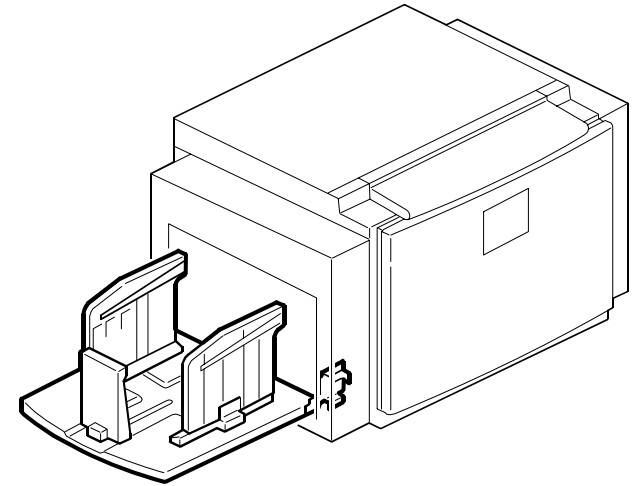
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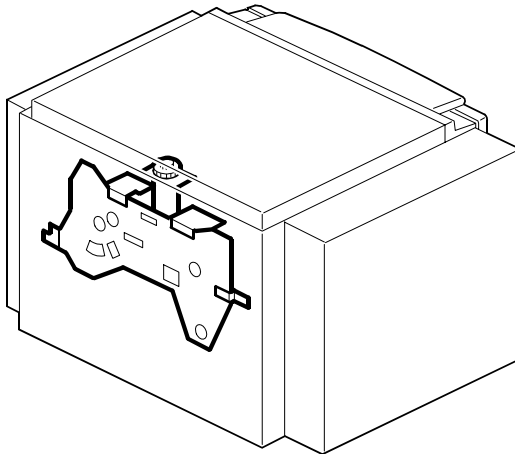
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15. Paper Exit Section 4 (C639)



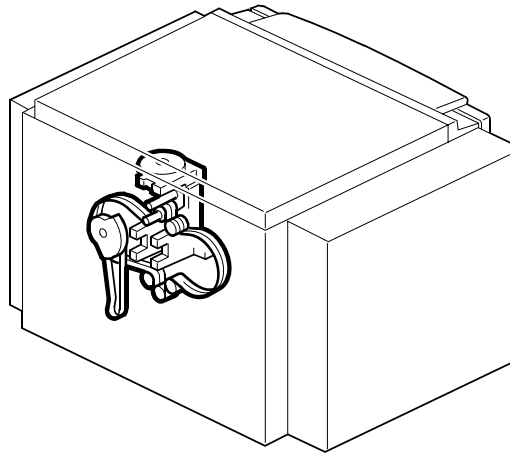
See Page 35

16. Drive Section 1 (C639)



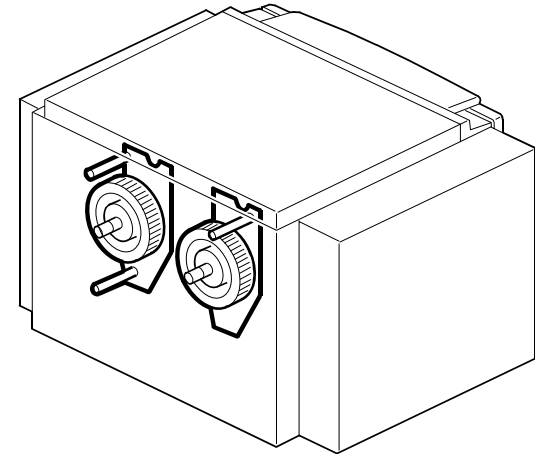
See Page 37

17. Drive Section 2 (C639)



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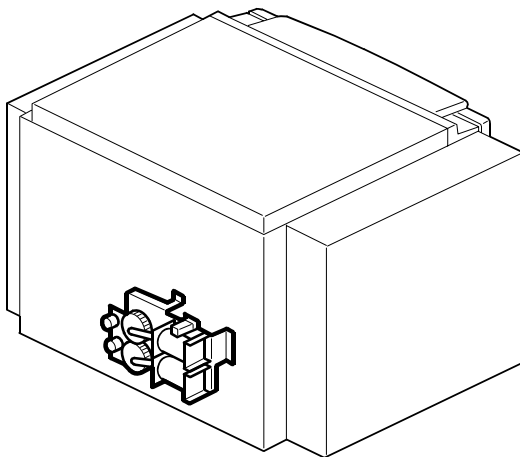
18. Drive Section 3 (C639)



See Page 41

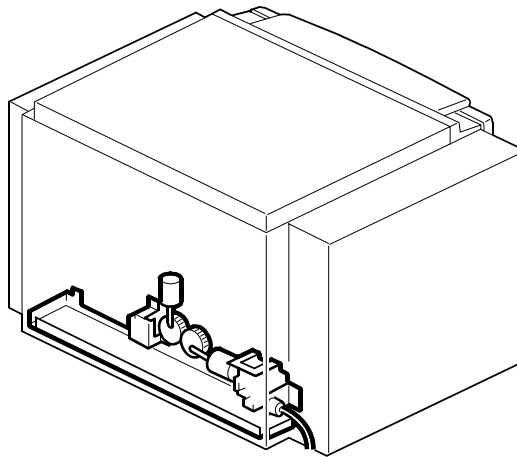
## LOCATIONS OF UNITS

19. Drive Section 4 (C639)



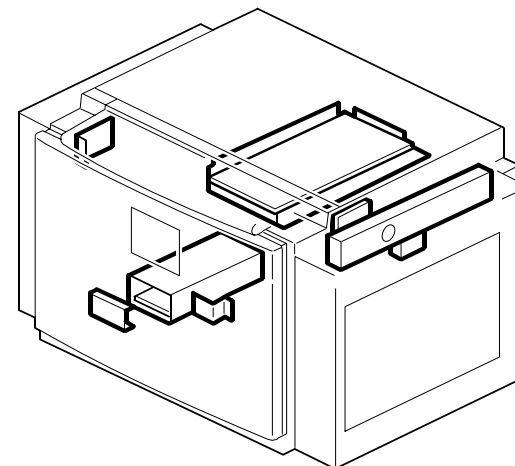
See Page 43

20. Drive Section 5 (C639)



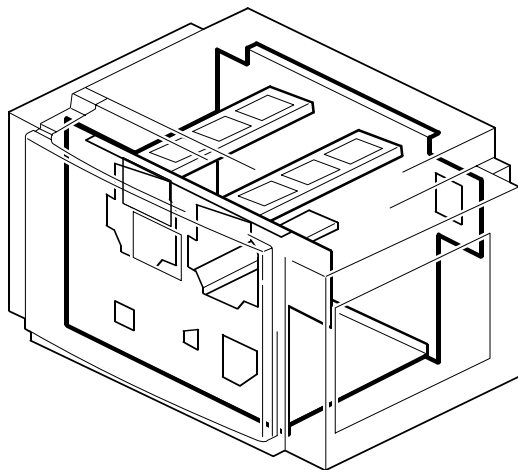
See Page 45

21. Electrical Section (C639)



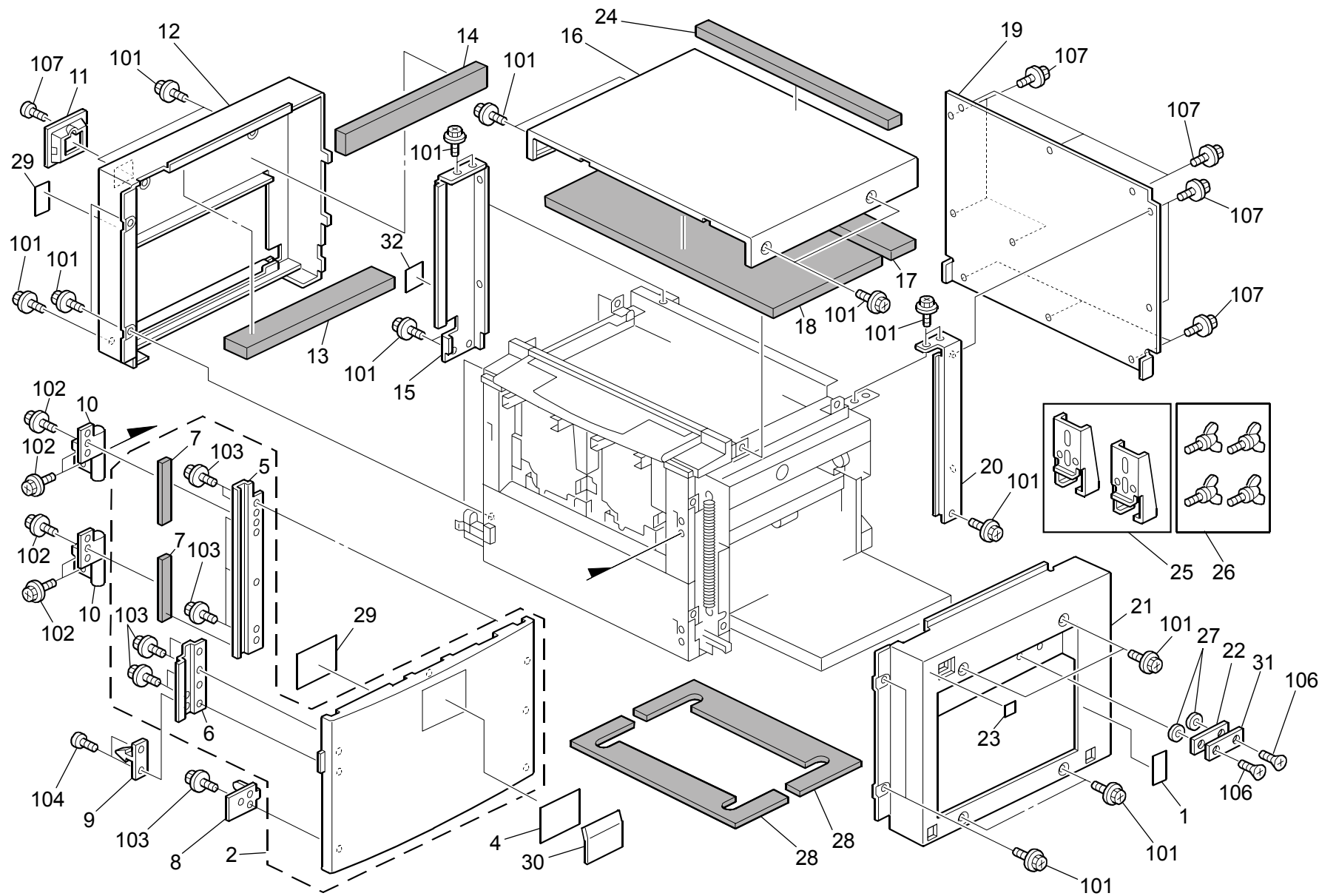
See Page 47

22. Frame Section (C639)



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1.Exterior 1 (C639)

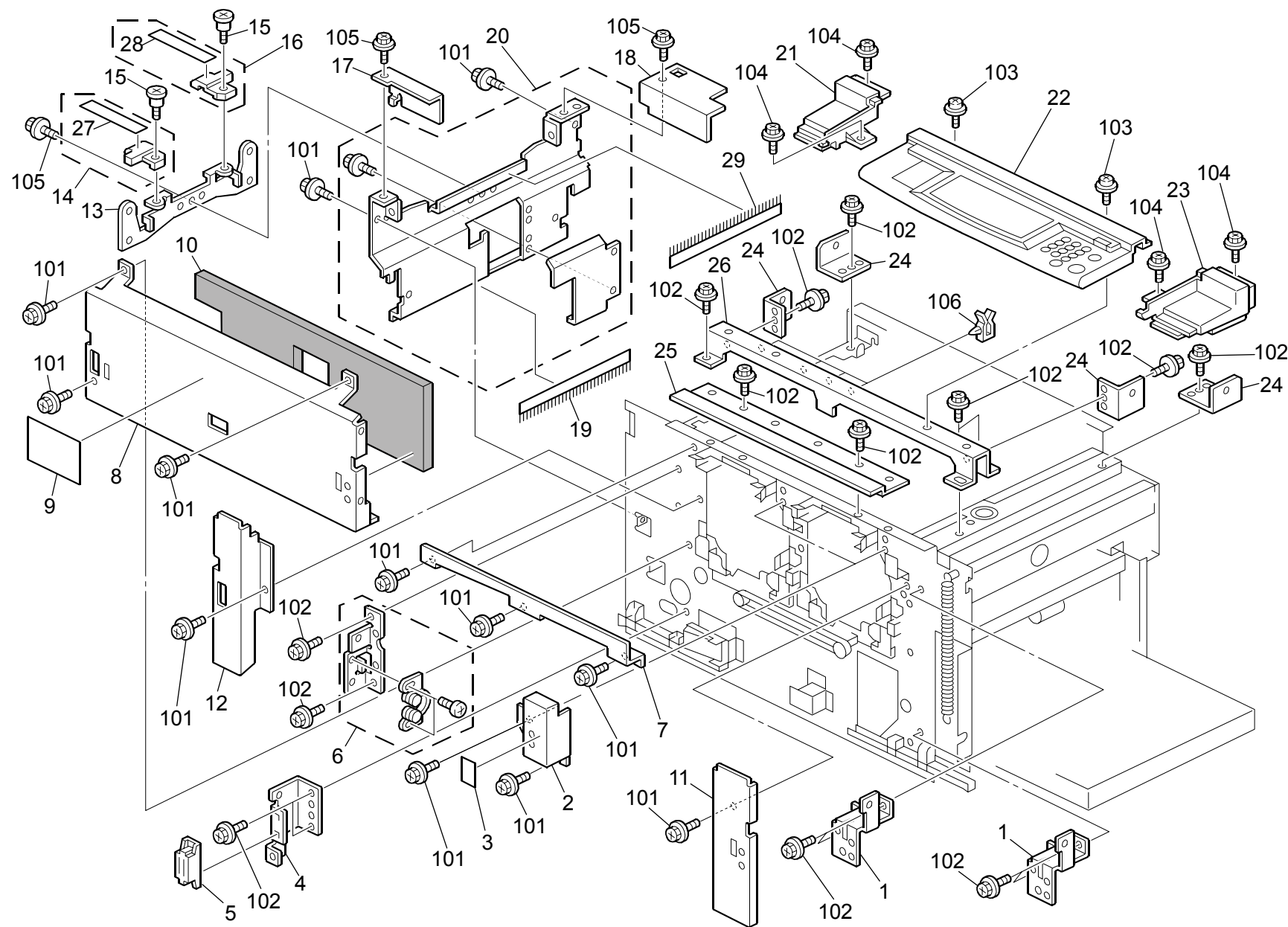


## 1.Exterior 1 (C639)

| 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 (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)

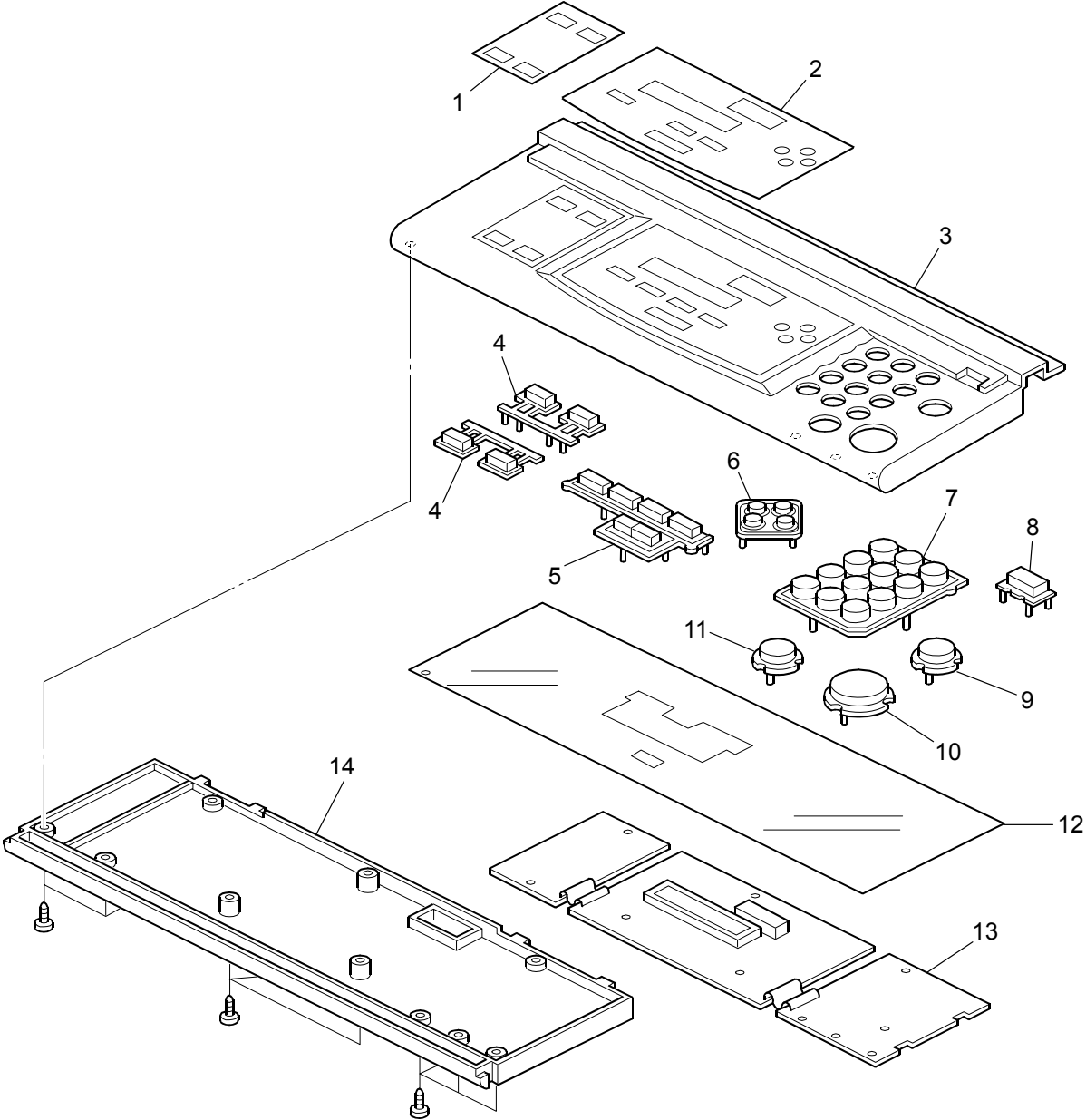


## 2.Exterior 2 (C639)

| 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                                       | 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 |
|-----------|----------|-------------|-------------------|
|           |          |             |                   |

**C639**

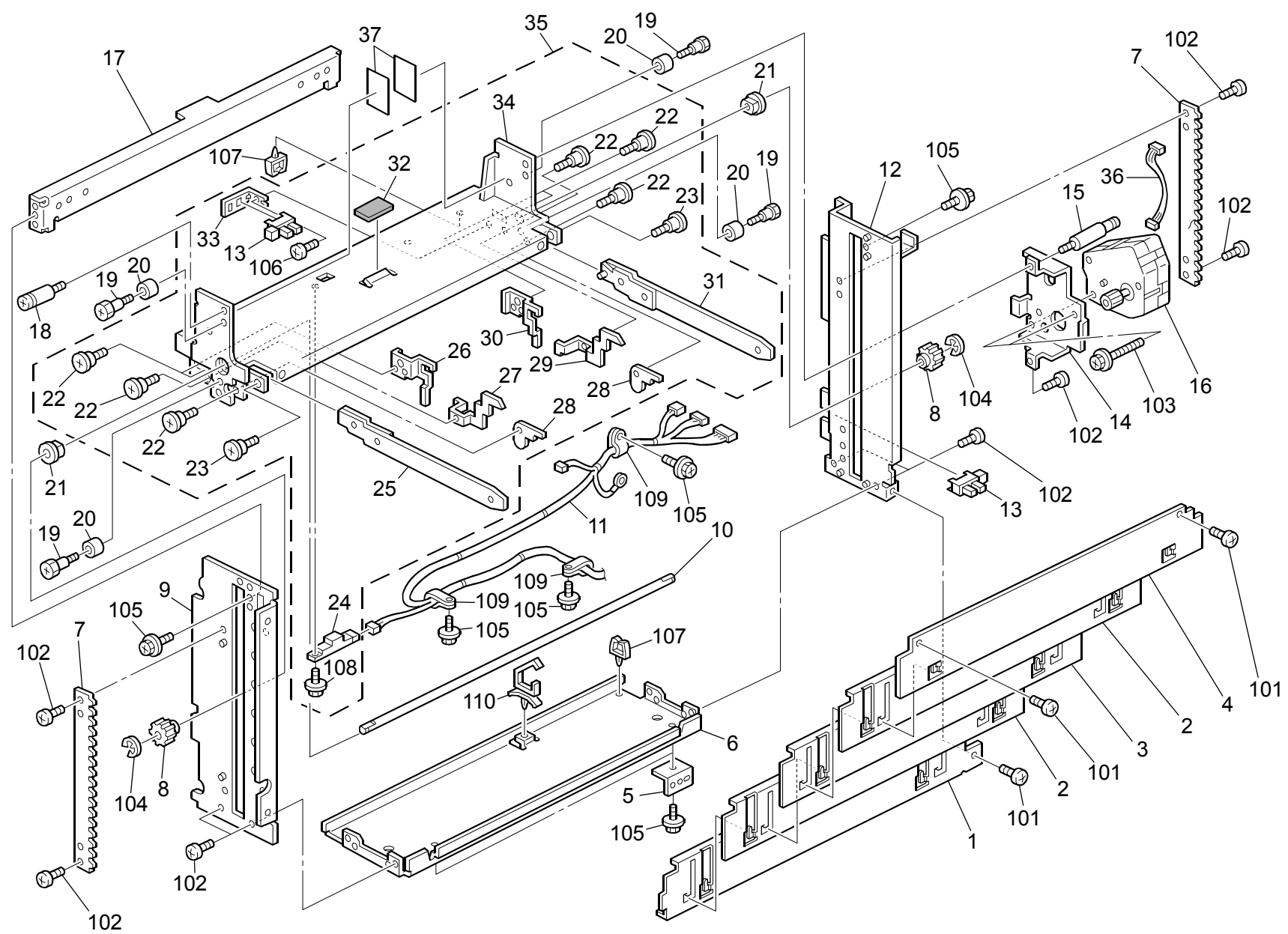


#### 4. Paper Feed Section 1 (C639)

| 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 Reflection 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)

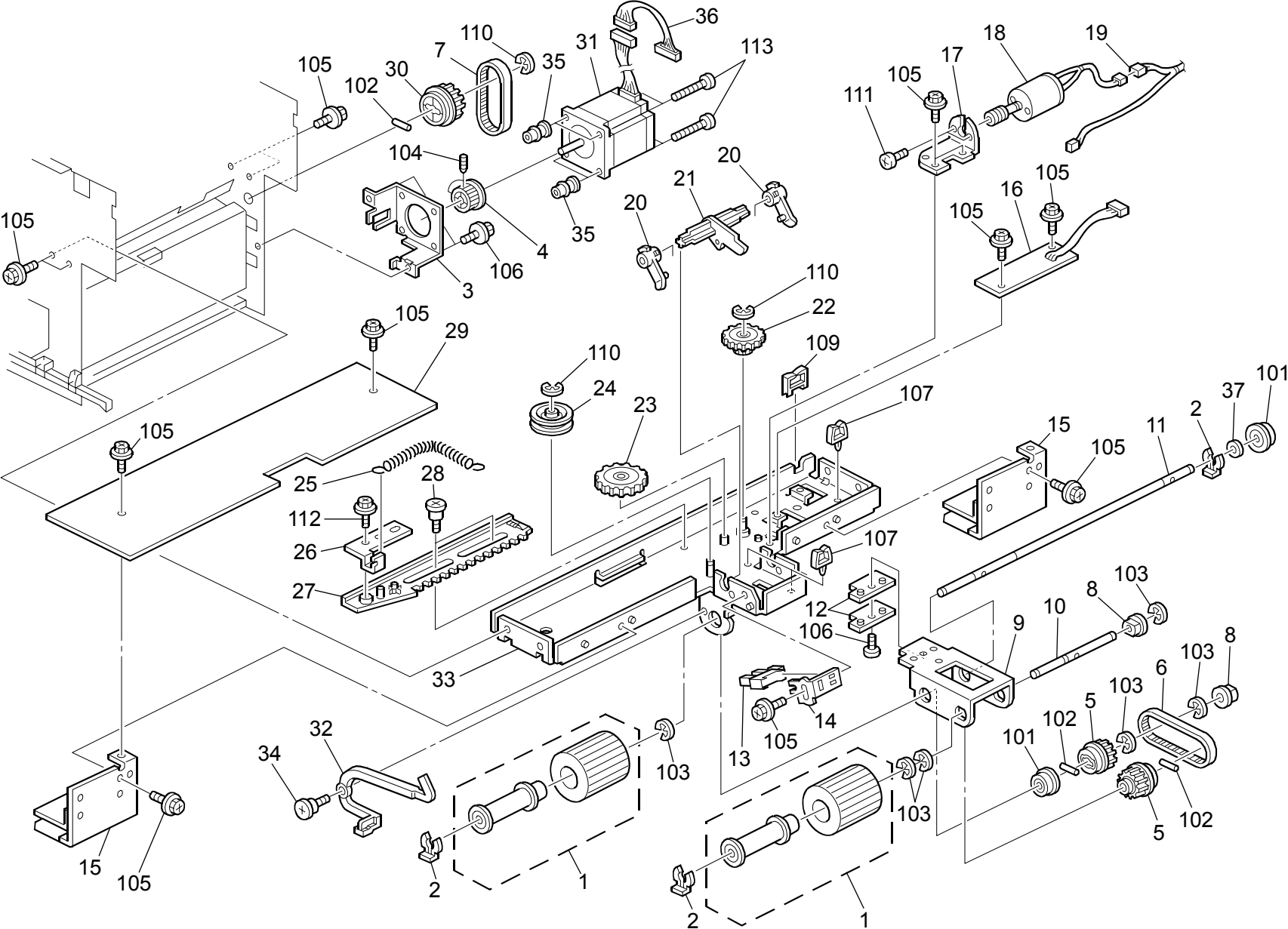


## 5. Paper Feed Section 2 (C639)

| 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)

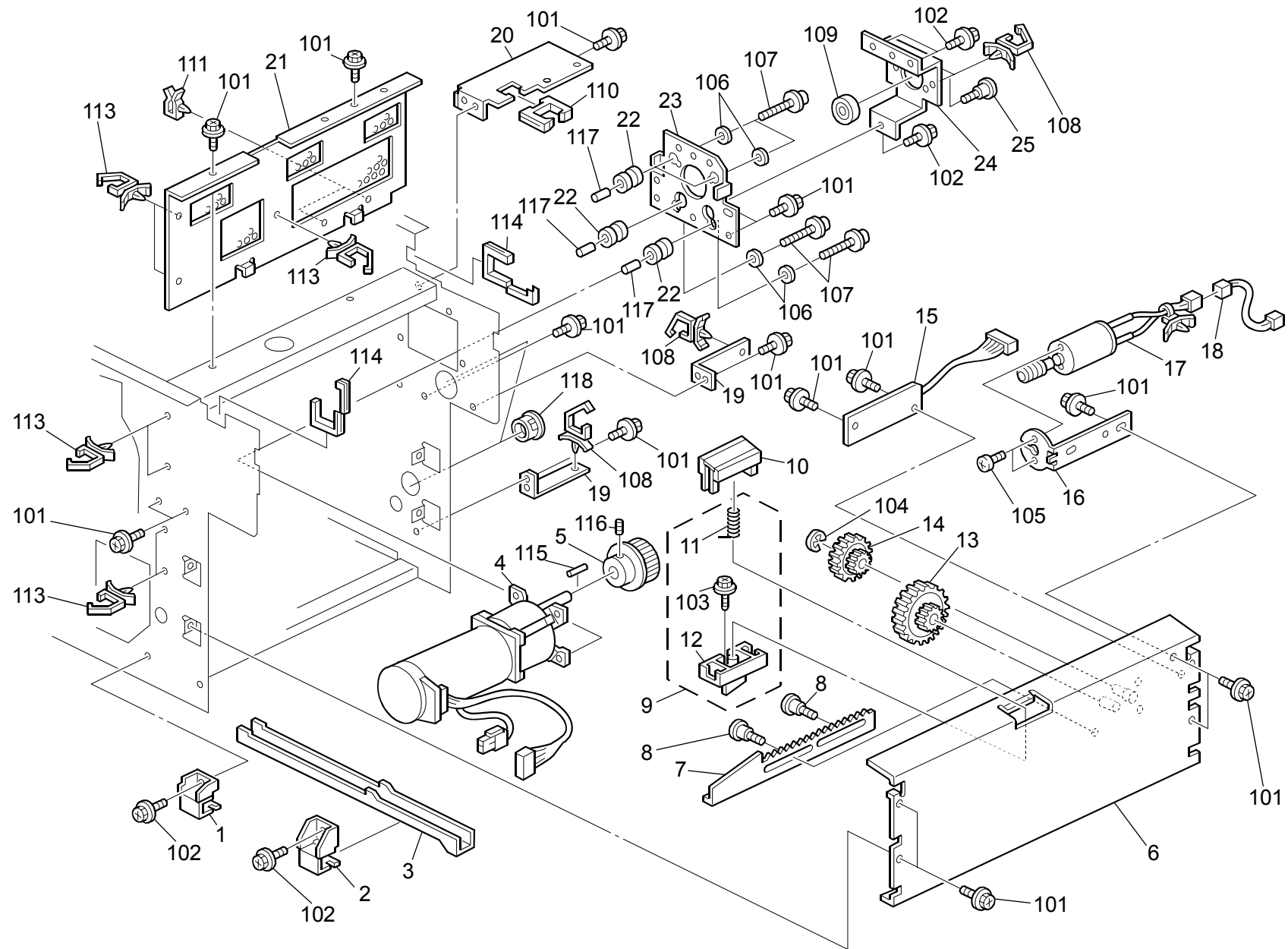


## 6.Paper Feed Section 3 (C639)

| Index No. | Part No.         | Description                        | Q'ty Per Assembly |
|-----------|------------------|------------------------------------|-------------------|
| 1         | <b>C229 2835</b> | <b>Paper Feed Roller Ass'y</b>     | <b>2</b>          |
| 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 Pressure 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)



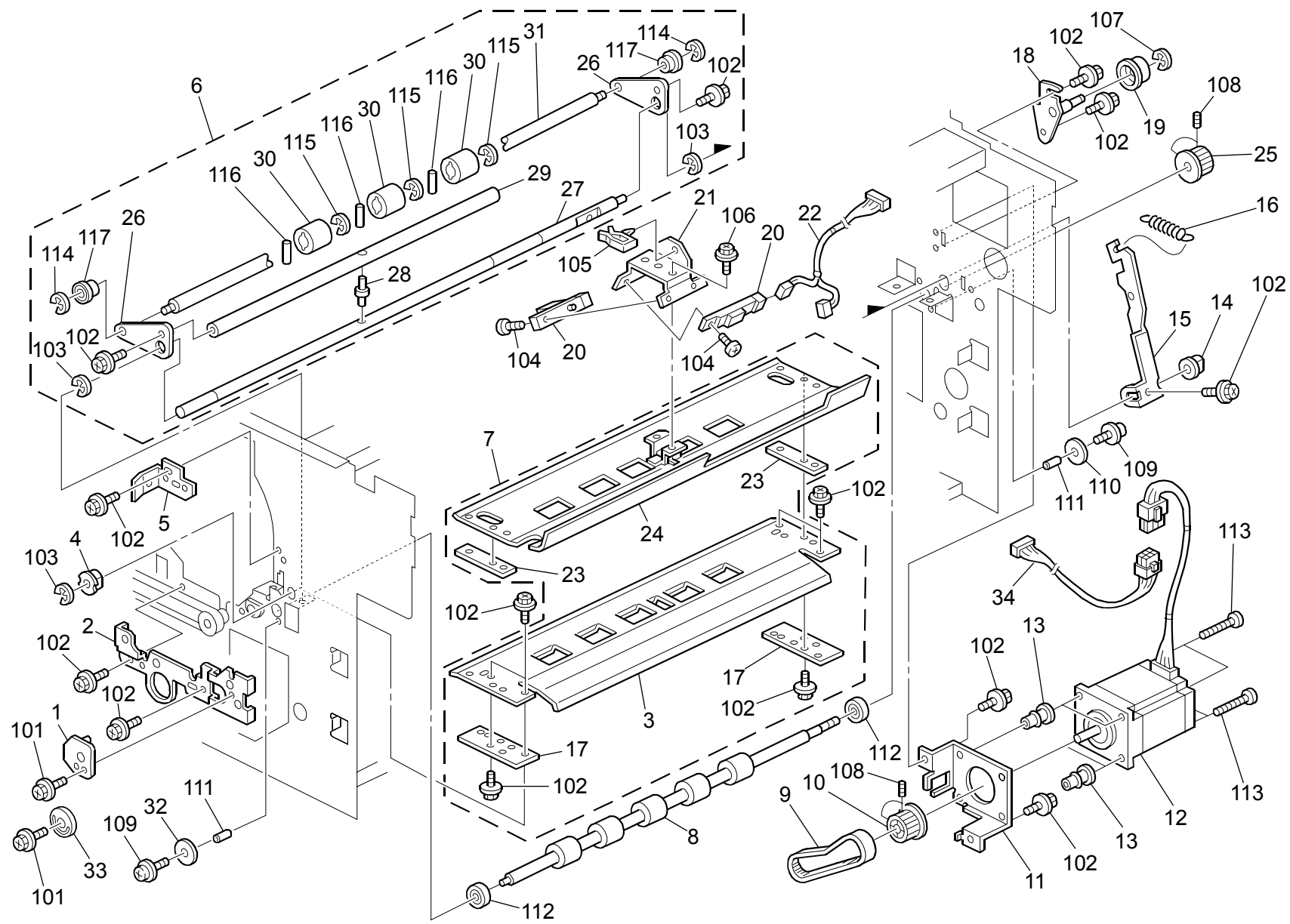


## 7.Paper Feed Section 4 (C639)

| 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        | <b>C233 2883</b> | <b>Separation Pad Ass'y</b>        | <b>1</b>          |
| 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)

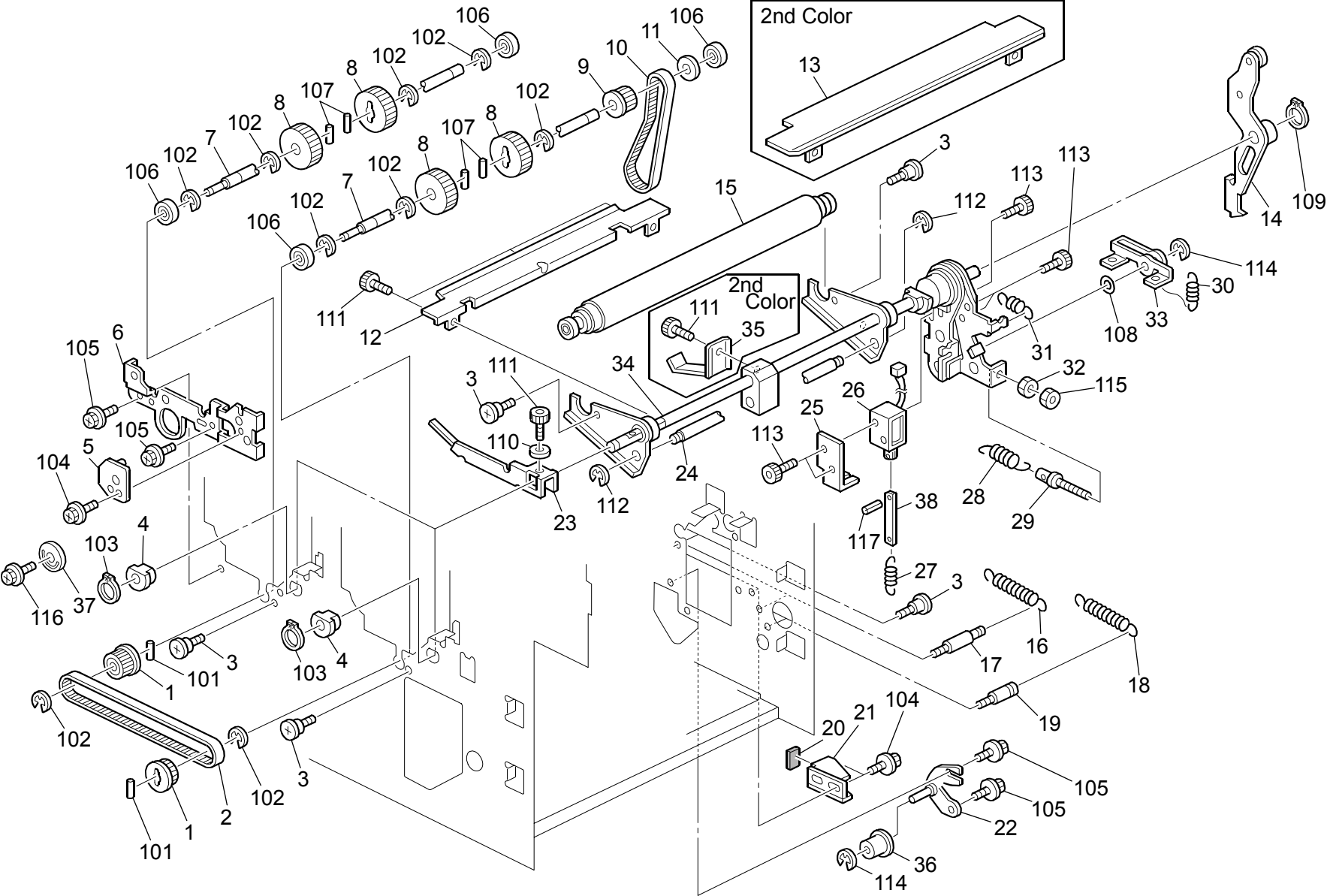


## 8.Paper Feed Section 5 (C639)

| 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 Reflection 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)

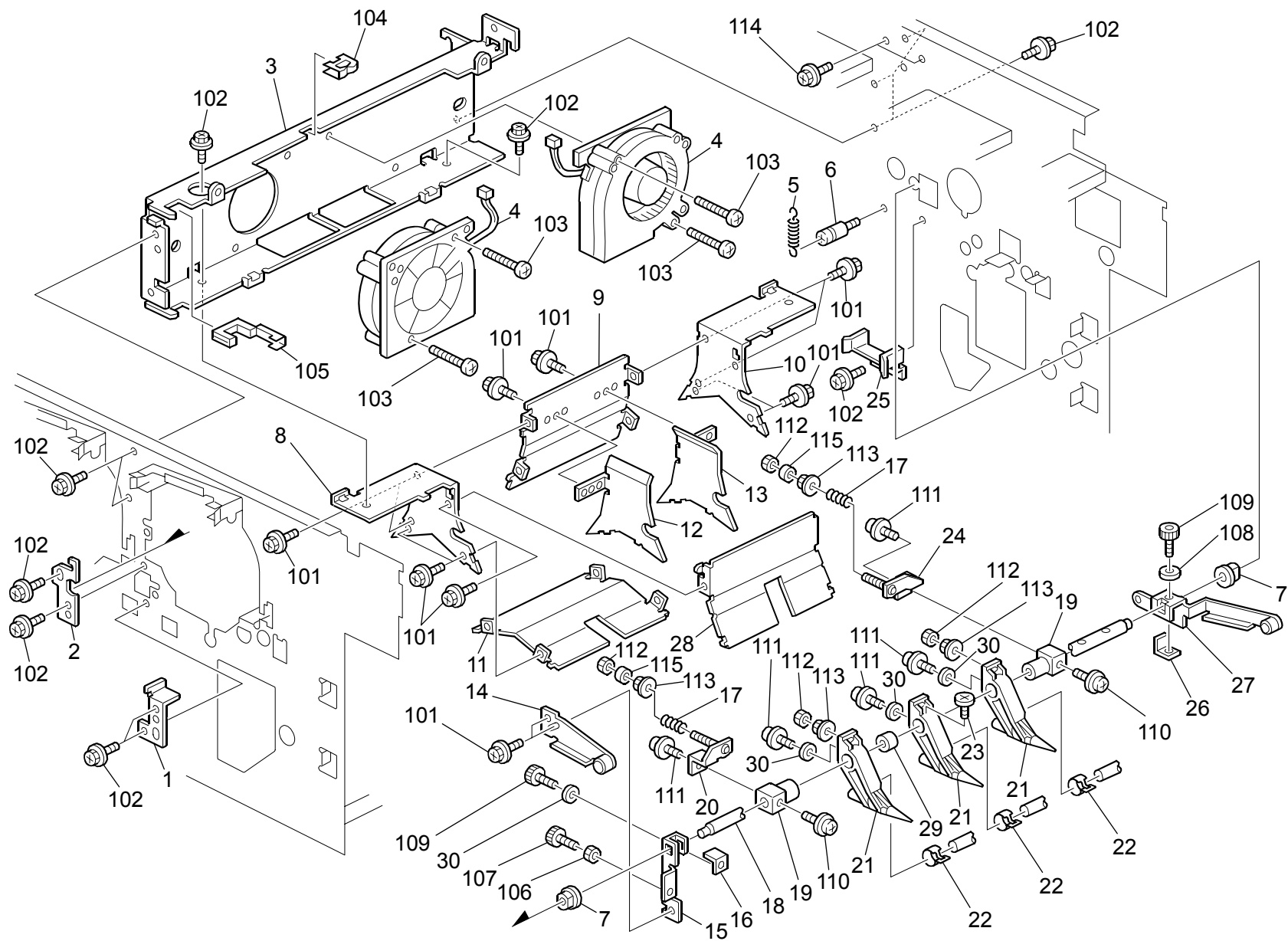


## 9. Pressure Roller Section 1 (C639)

| 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                 |
| <b>15</b> | <b>C593 3097</b> | <b>Pressure Roller</b>                       | <b>2</b>          |
| 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)

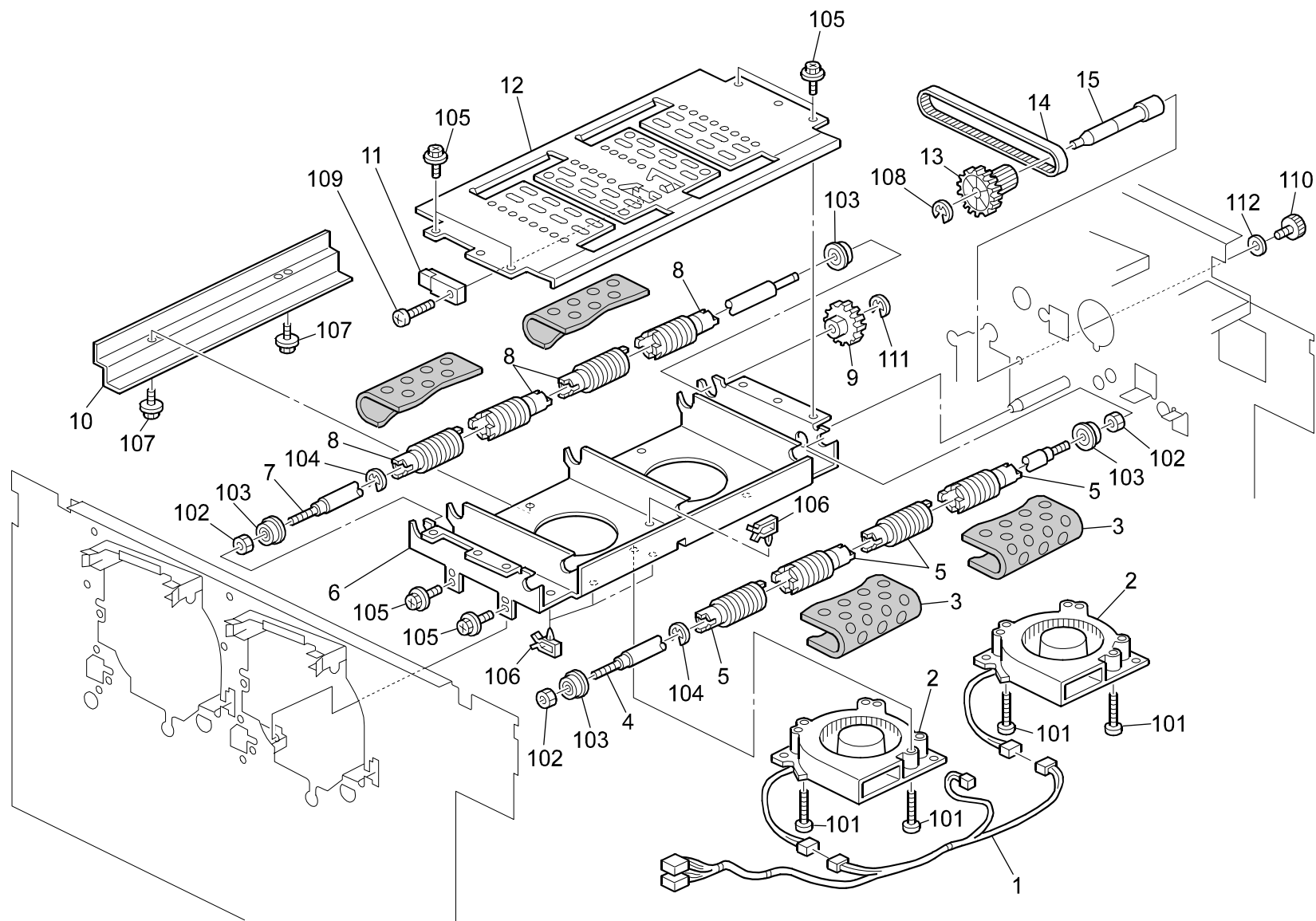


## 10.Paper Transport 1 (C639)

| 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)



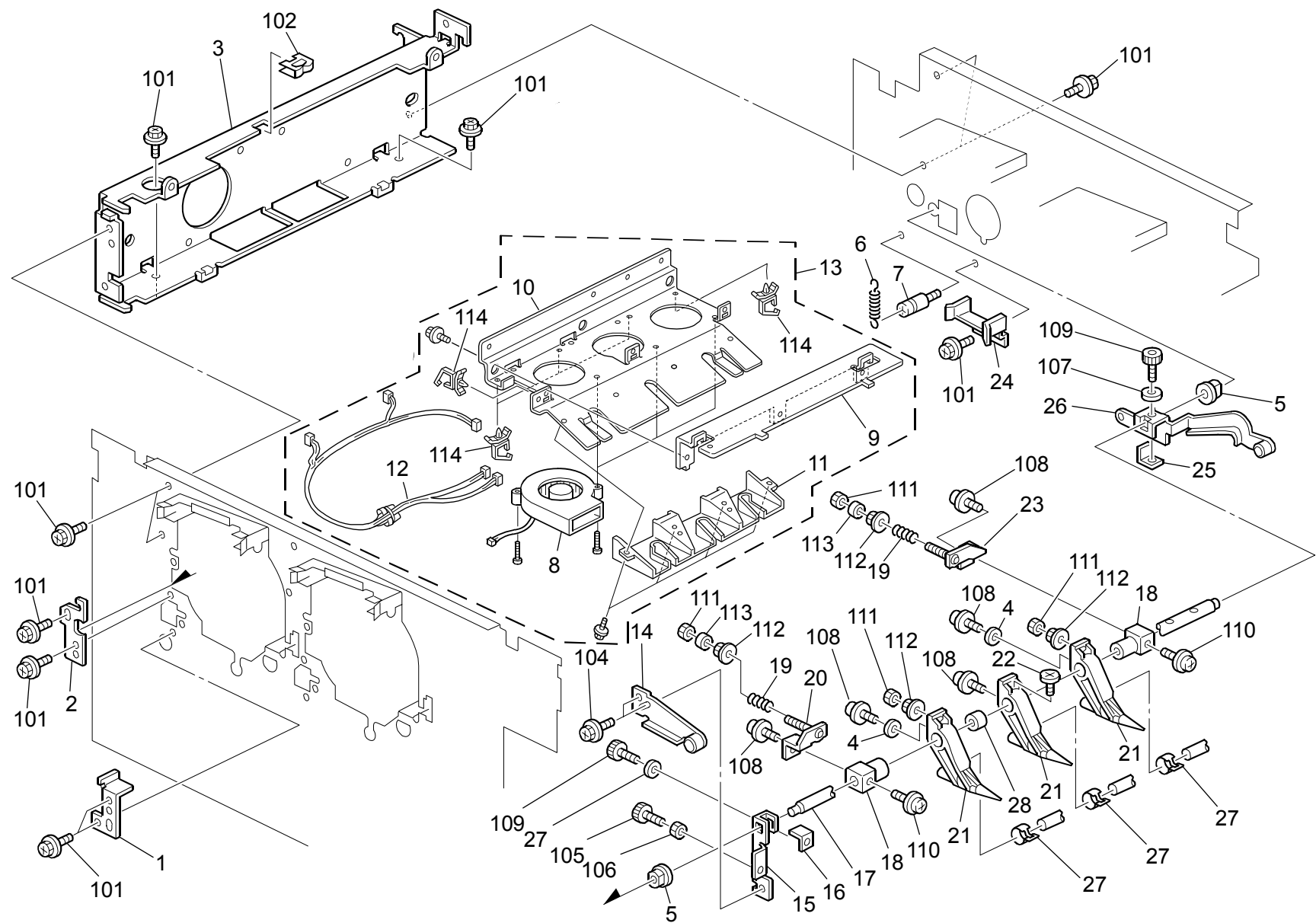


## 11.Paper Transport 2 (C639)

| 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         | <b>C593 3861</b> | <b>Middle Transport Belt - 80B</b>  | <b>2</b>          |
| 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 Reflection 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)

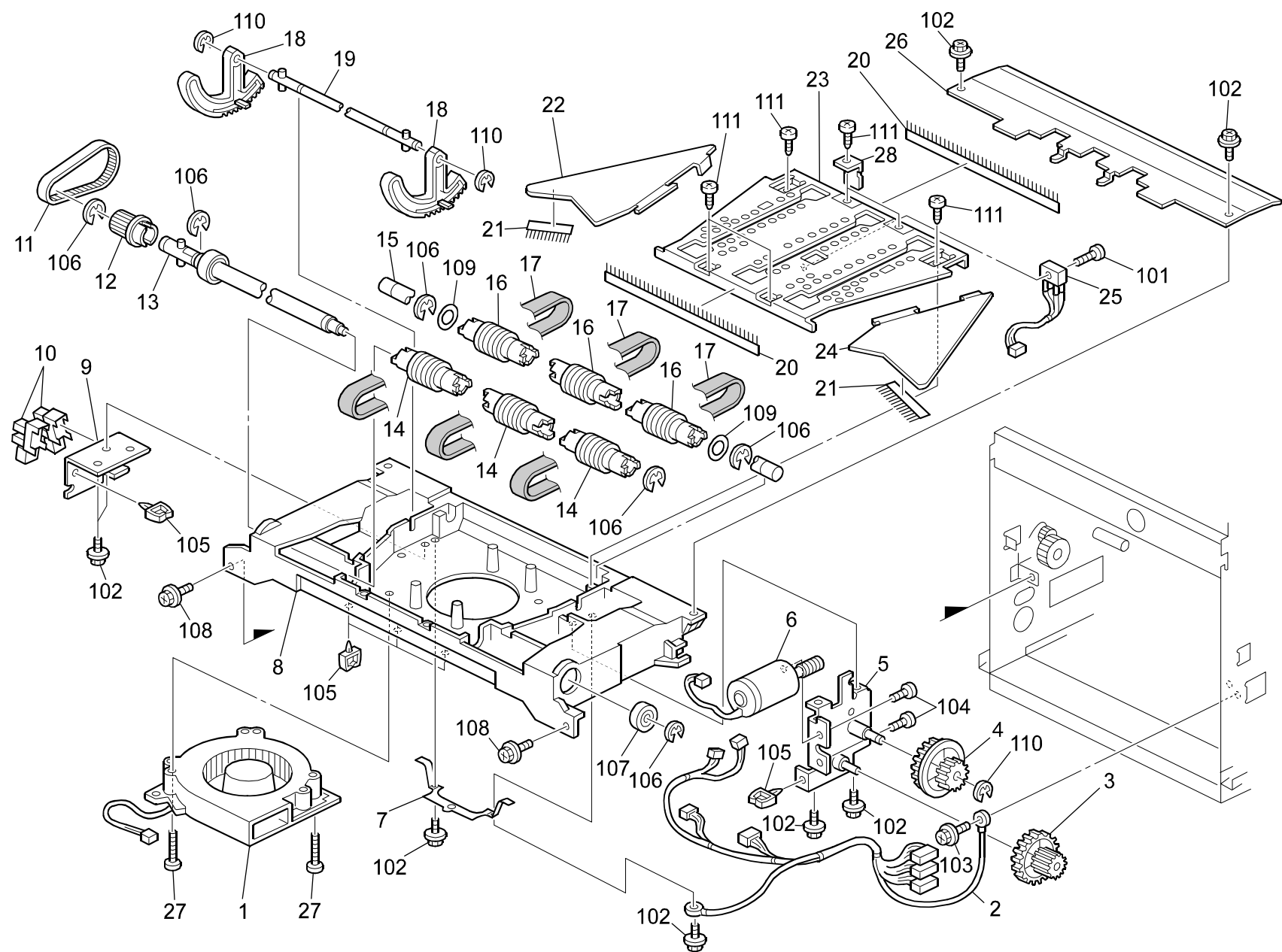


## 12.Paper Exit Section 1 (C639)

| 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)

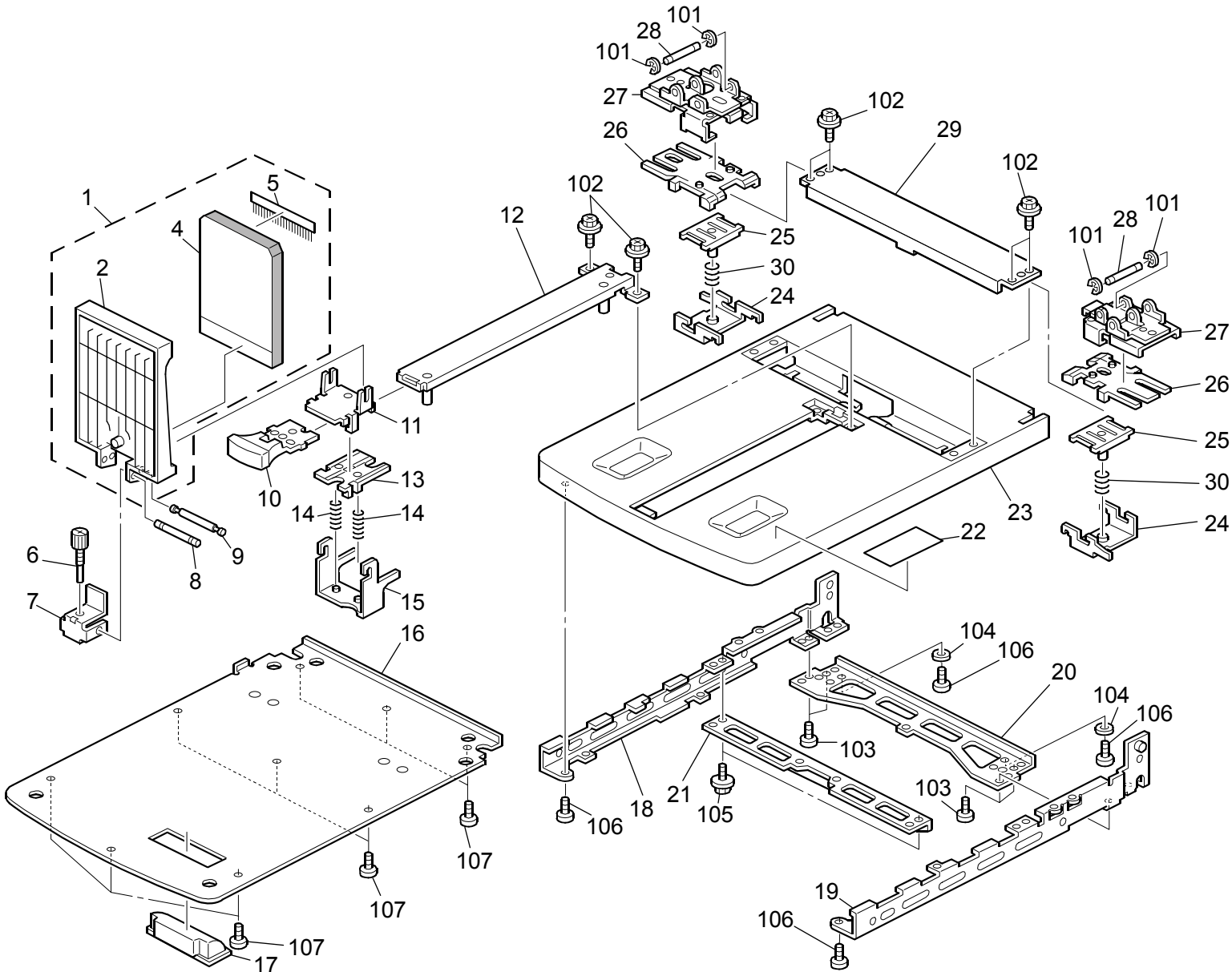


### 13.Paper Exit Section 2 (C639)

| 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        | <b>C229 3874</b> | <b>Transport Belt</b>                | <b>3</b>          |
| 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 Reflection 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)

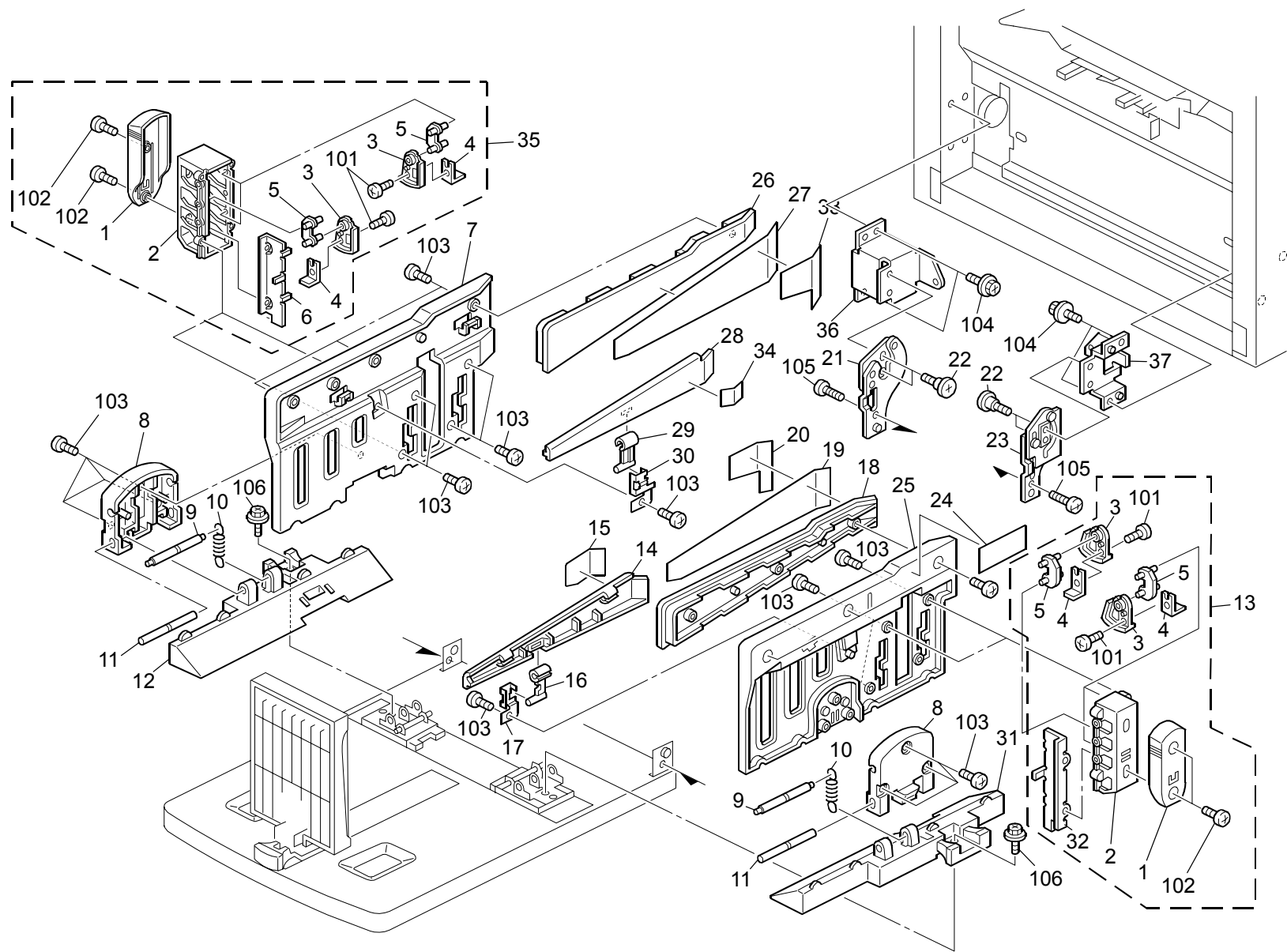


## 14.Paper Exit Section 3 (C639)

| 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           |                   |

15.Paper Exit Section 4 (C639)



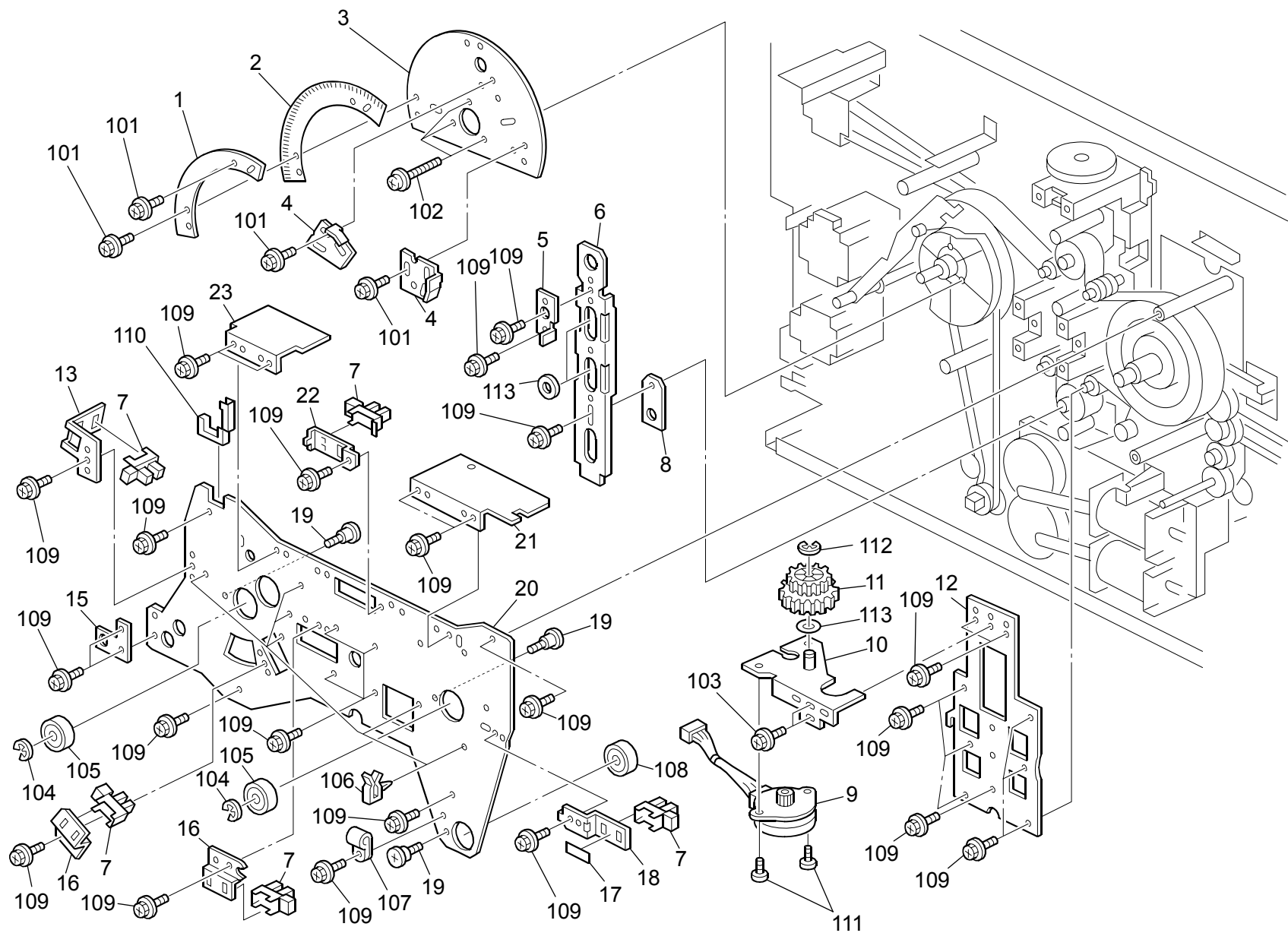


## 15. Paper Exit Section 4 (C639)

| 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)

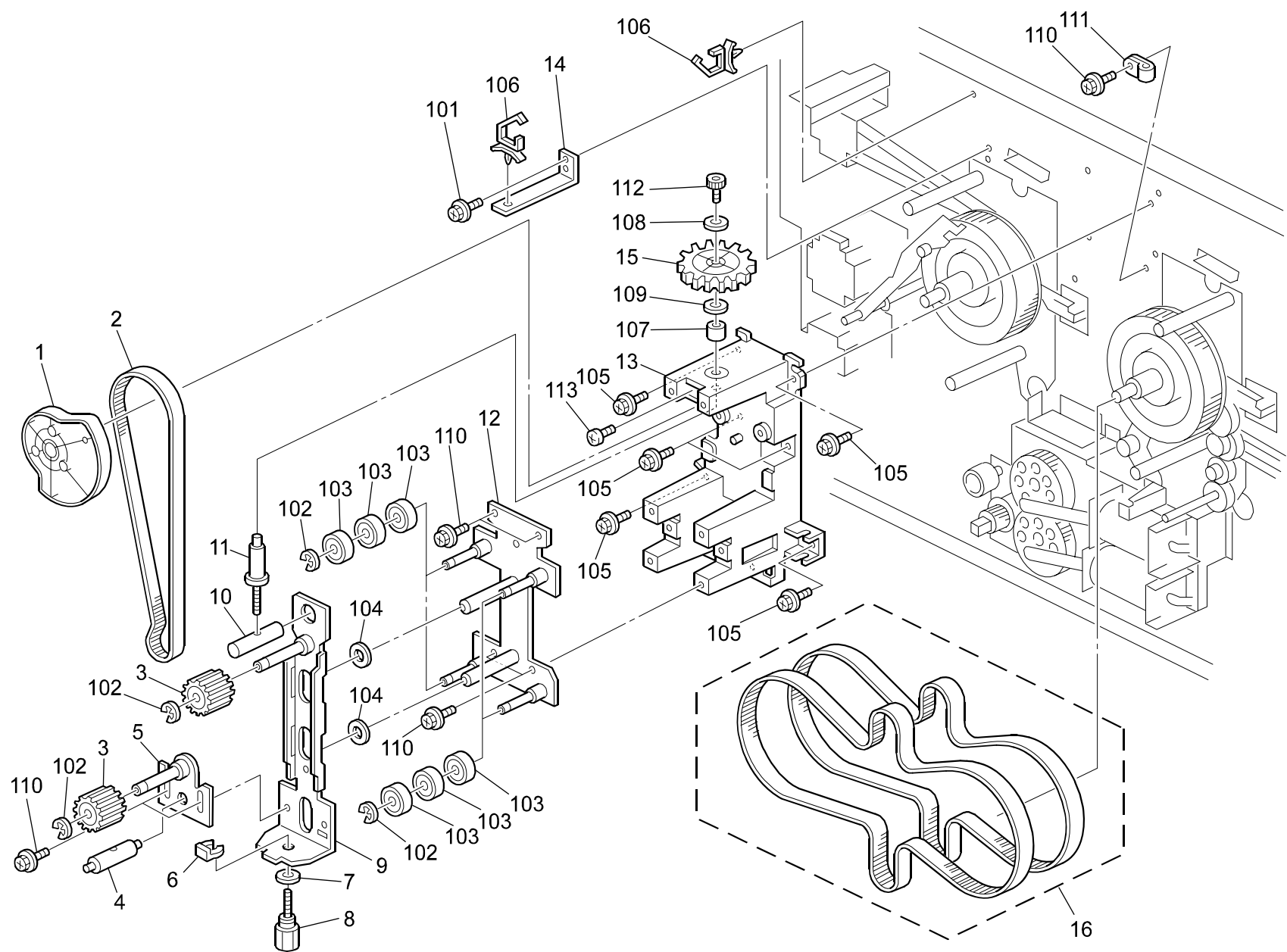


## 16.Drive Section 1 (C639)

| 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)

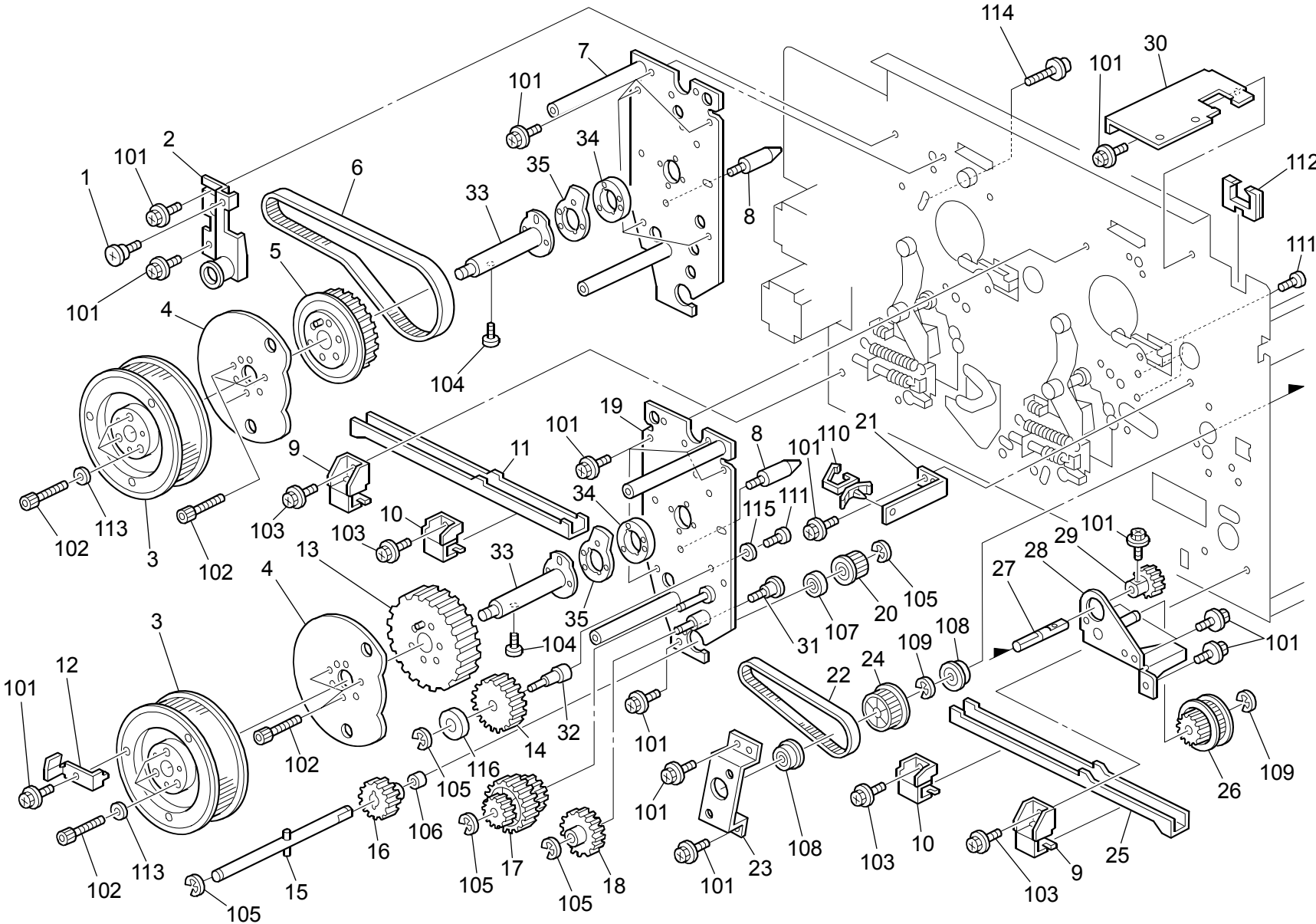


## 17.Drive Section 2 (C639)

| 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               |                   |

18. Drive Section 3 (C639)

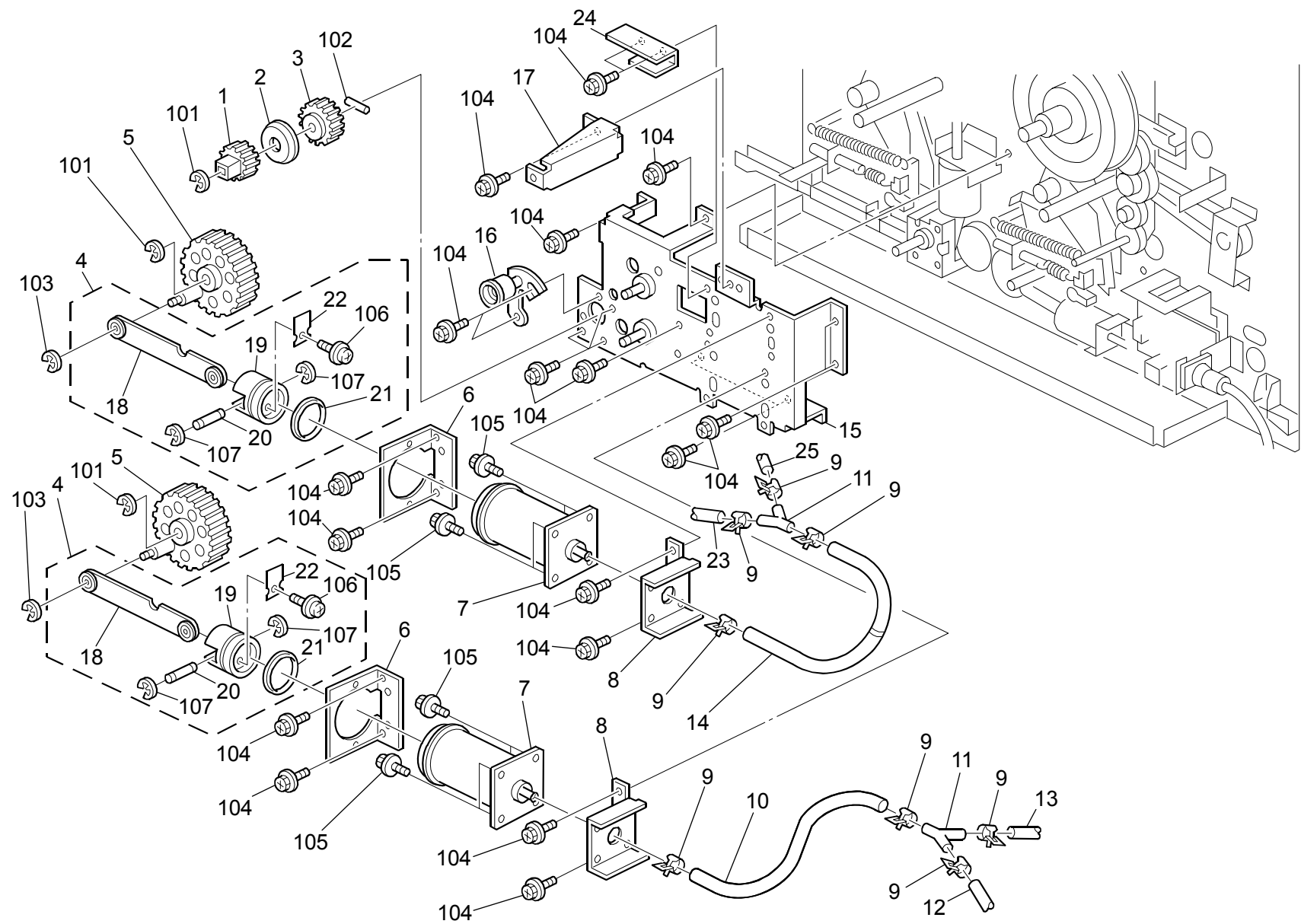


## 18. Drive Section 3 (C639)

| 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)



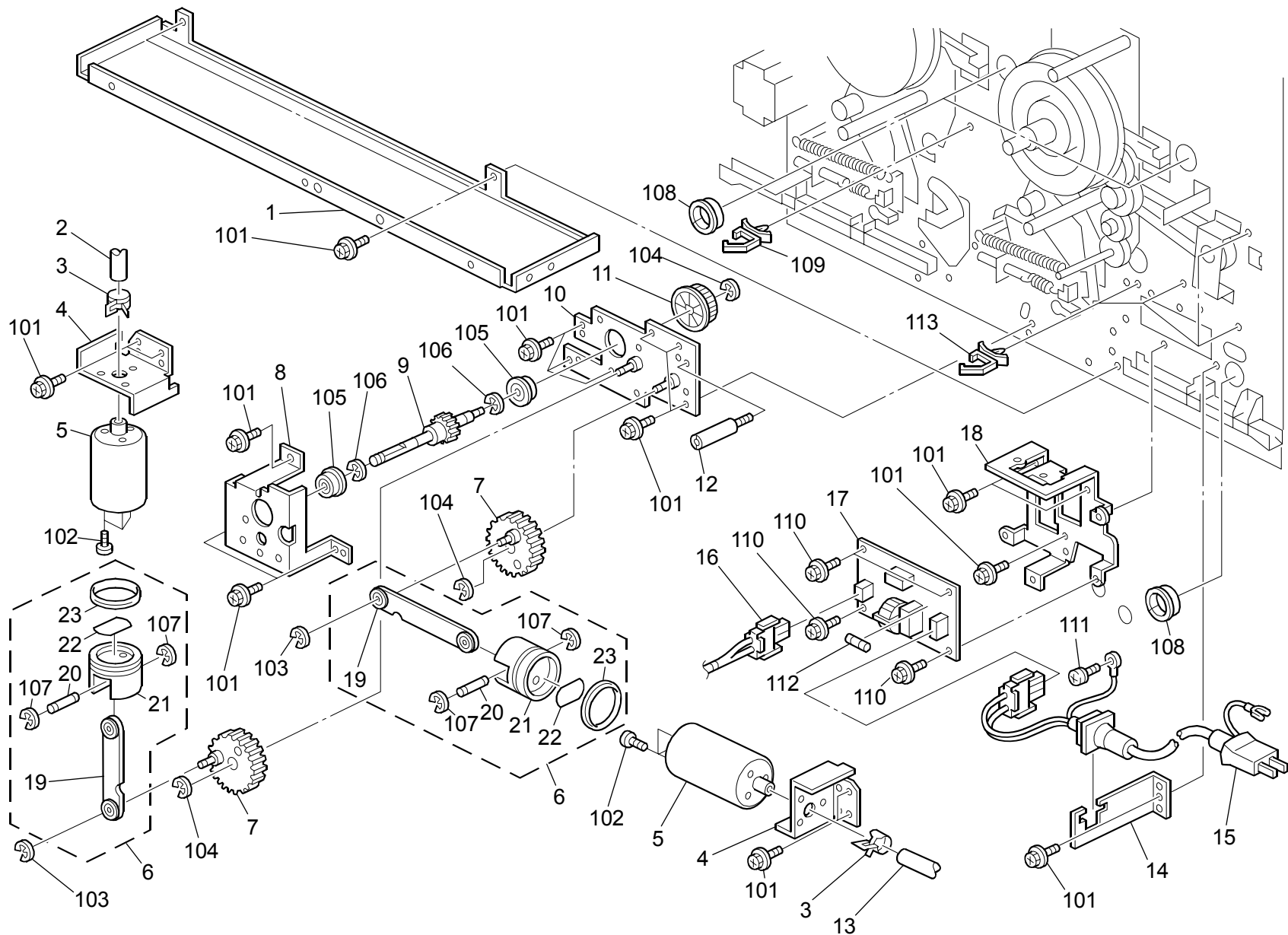


## 19. Drive Section 4 (C639)

| 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)

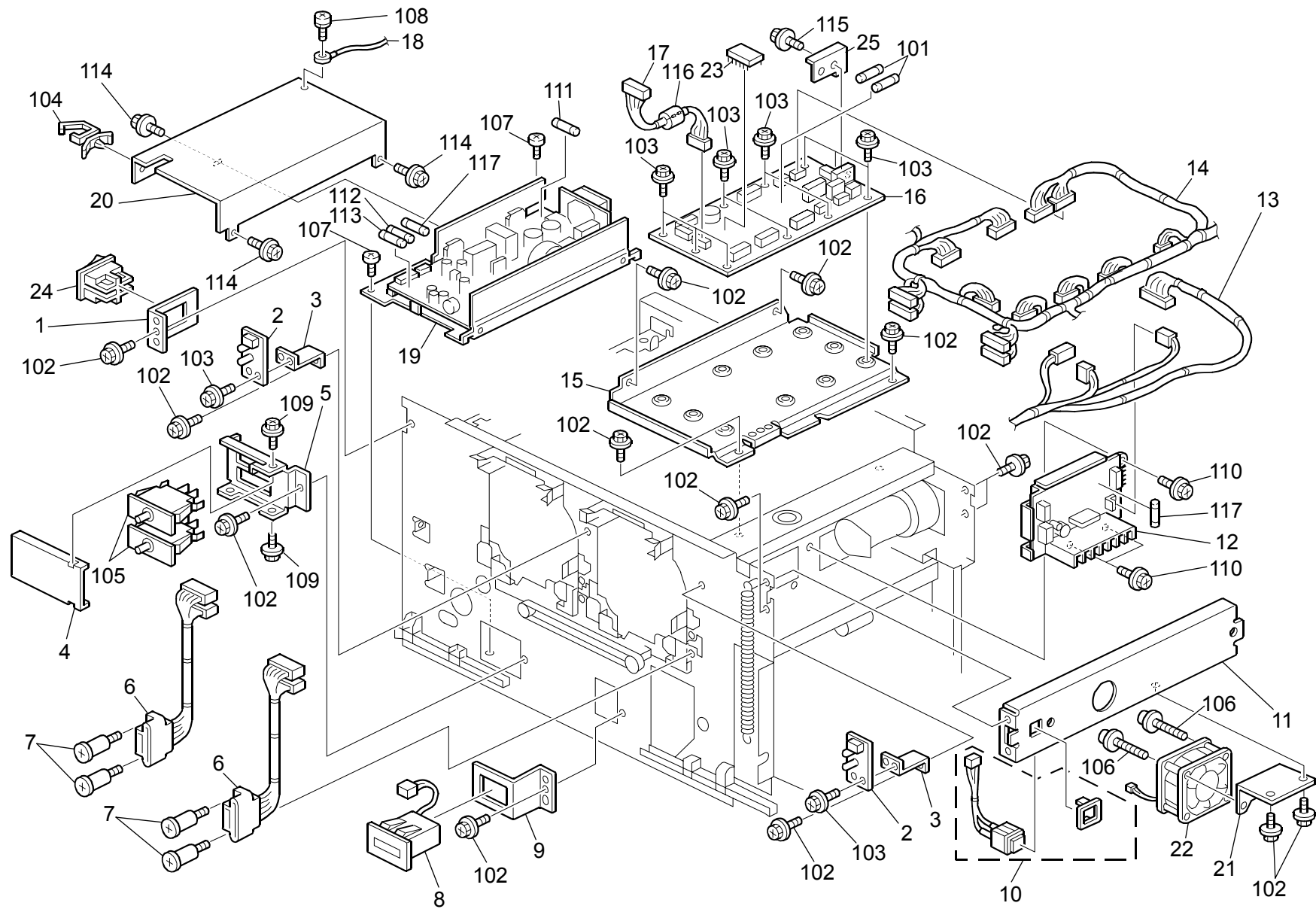


## 20. Drive Section 5 (C639)

| 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)

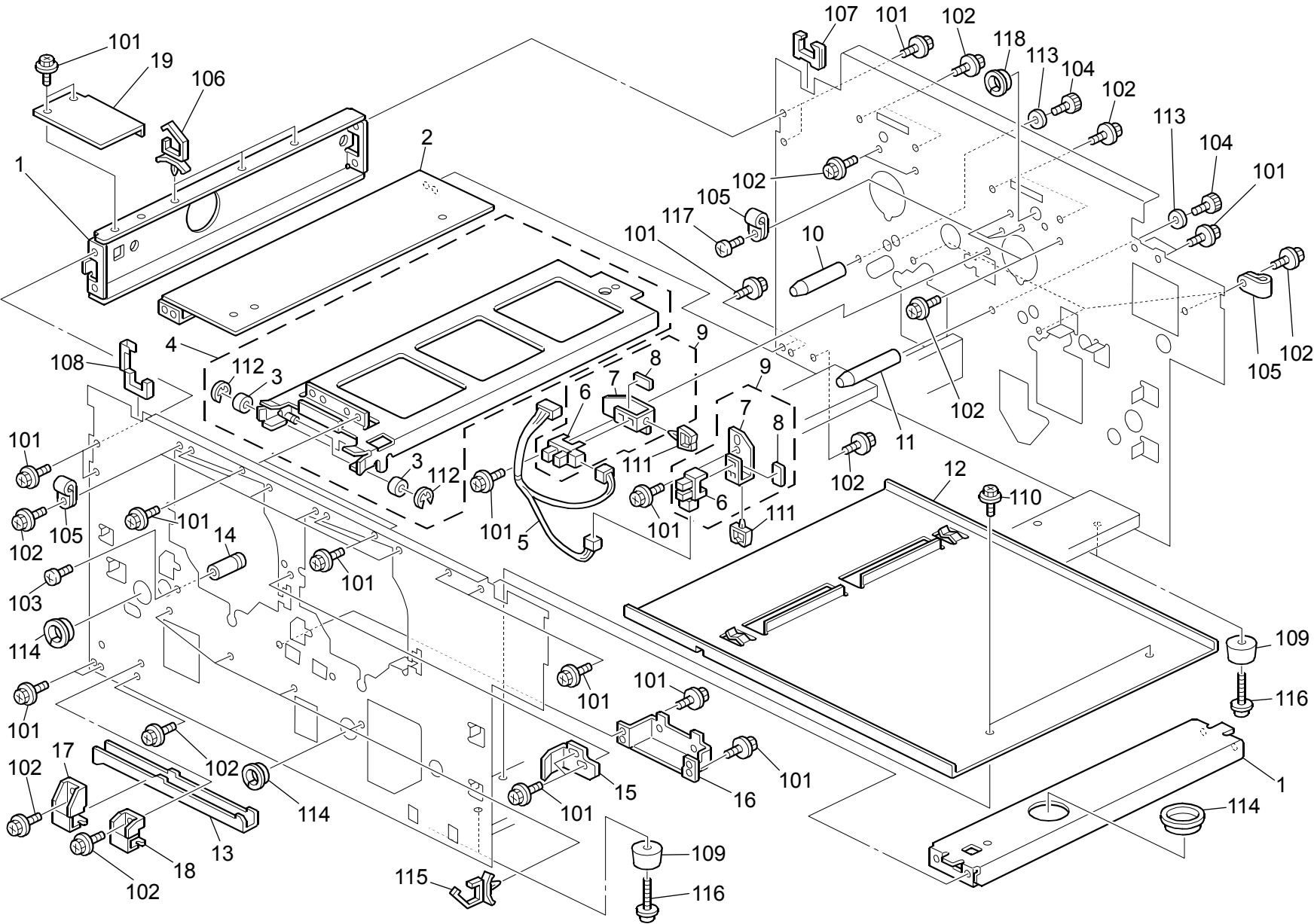


## 21.Electrical Section (C639)

| 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

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| BZ1        | 142       |

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C1         | 154       |
| C2         | 154       |
| C3         | 151       |
| C4         | 151       |
| C5         | 152       |
| C6         | 154       |
| C7         | 149       |
| C8         | 152       |
| C9         | 151       |
| C10        | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C11        | 151       |
| C12        | 150       |
| C13        | 150       |
| C14        | 151       |
| C15        | 152       |
| C16        | 150       |
| C17        | 152       |
| ---        | ---       |
| C19        | 154       |
| C20        | 154       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| C22        | 150       |
| C23        | 150       |
| C24        | 154       |
| C25        | 154       |
| C26        | 178       |
| C27        | 180       |
| C28        | 178       |
| C29        | 149       |
| C30        | 153       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C31        | 178       |
| C32        | 180       |
| C33        | 180       |
| C34        | 178       |
| C35        | 180       |
| C36        | 177       |
| C37        | 177       |
| C38        | 179       |
| C39        | 180       |
| C40        | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C41        | 174       |
| C42        | 178       |
| C43        | 153       |
| C44        | 175       |
| C45        | 175       |
| C46        | 176       |
| C47        | 176       |
| C48        | 180       |
| C49        | 180       |
| C50        | 180       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C51        | 152       |
| C52        | 152       |
| C53        | 153       |
| C54        | 180       |
| C55        | 152       |
| C56        | 152       |
| C57        | 152       |
| C58        | 152       |
| C59        | 153       |
| C60        | 180       |

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C61        | 152       |
| C62        | 152       |
| C63        | 153       |
| C64        | 153       |
| C65        | 180       |
| C66        | 178       |
| C67        | 178       |
| C68        | 180       |
| C69        | 180       |
| C70        | 180       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C71        | 178       |
| C72        | 178       |
| C73        | 178       |
| C74        | 180       |
| C75        | 180       |
| C76        | 180       |
| C77        | 178       |
| C78        | 180       |
| C79        | 180       |
| C80        | 180       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C81        | 178       |
| C82        | 178       |
| C83        | 178       |
| C84        | 178       |
| C85        | 180       |
| C86        | 178       |
| C87        | 180       |
| C88        | 180       |
| C89        | 180       |
| C90        | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C91        | 178       |
| C92        | 178       |
| C93        | 180       |
| C94        | 180       |
| C95        | 178       |
| C96        | 153       |
| C97        | 178       |
| C98        | 178       |
| C99        | 180       |
| C100       | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C101       | 180       |
| C102       | 178       |
| C103       | 180       |
| C104       | 178       |
| C105       | 180       |
| C106       | 178       |
| C107       | 180       |
| C108       | 180       |
| C109       | 180       |
| C110       | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C111       | 180       |
| C112       | 180       |
| C113       | 180       |
| C114       | 178       |
| C115       | 178       |
| C116       | 180       |
| C117       | 180       |
| C118       | 179       |
| C119       | 180       |
| C120       | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C121       | 180       |
| C122       | 179       |
| C123       | 178       |
| C124       | 153       |
| C125       | 178       |
| C126       | 180       |
| C127       | 177       |



## 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       |

### DIODE

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

| 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 Sinker                     | 1                 |

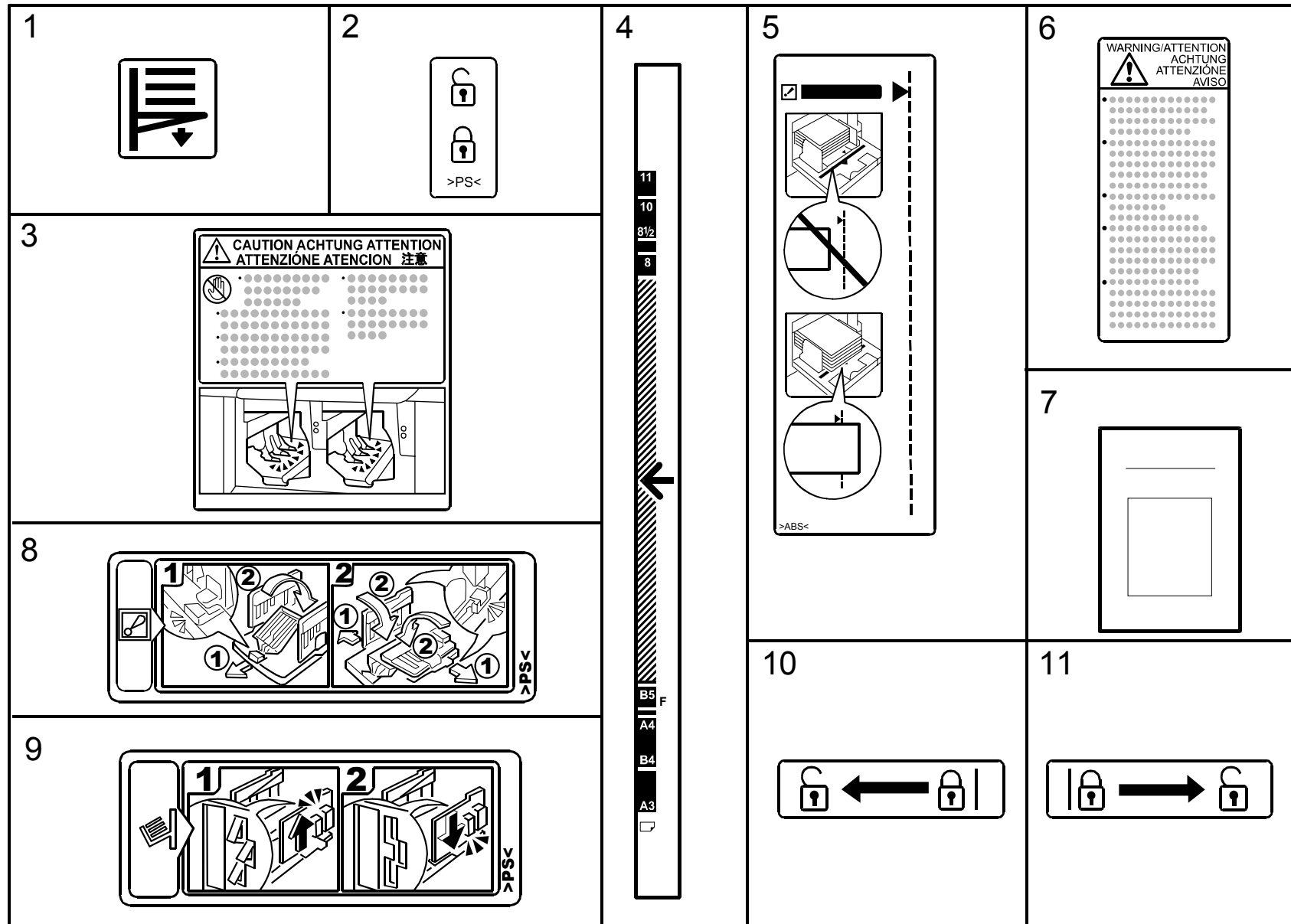
| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 101       | 1102 4205 | CT Header- 6p                 |                   |
| 102       | 1102 4208 | Connector - 9P                |                   |
| 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                |                   |



| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 136       | 1408 0575 | IC - M51957BFP                               |                   |
| 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 $\Omega$ -1W                     |                   |
| 145       | 1601 7751 | Resistor - 4.7K $\Omega$ $\pm$ 5%            |                   |
| 146       | 1601 7752 | Resistor Array - 10K $\Omega$ $\pm$ 5%       |                   |
| 147       | 1601 7796 | Resistor Array - 2.2K $\Omega$               |                   |
| 148       | 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 149       | 1604 4728 | Capacitor - 100 $\mu$ 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 $\mu$ 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 $\Omega$ 1/8W                   |                   |
| 158       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                  |                   |
| 159       | 1650 2221 | Resistor:220 $\Omega$ : $\pm$ 5%:1/4W        |                   |
| 160       | 1650 3103 | Chip Resistor - 10K $\Omega$ $\pm$ 5% 1/8W   |                   |
| 161       | 1650 4101 | Resistor - 100 $\Omega$ $\pm$ 5%1/10W        |                   |
| 162       | 1650 4102 | Resistor - 1K $\Omega$ $\pm$ 5% 1/10W        |                   |
| 163       | 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       |                   |
| 164       | 1650 4105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W        |                   |
| 165       | 1650 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%1/10W       |                   |
| 166       | 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W   |                   |
| 167       | 1654 1001 | Resistor - 1K $\Omega$ $\pm$ 1%1/10W         |                   |
| 168       | 1654 1002 | Resistor - 10K $\Omega$ $\pm$ 5%1/10W        |                   |
| 169       | 1654 2201 | Resistor - 2.2K $\Omega$ $\pm$ 1% 1/10W 1608 |                   |
| 170       | 1654 3741 | Chip Resistor:3.74K $\Omega$                 |                   |

| Index No. | Part No.  | Description                             | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------|-------------------|
| 171       | 1654 6801 | Resistor - 6.8K $\Omega$ $\pm$ 1% 1/10W |                   |
| 172       | 1654 6802 | Chip Resistor-68K                       |                   |
| 173       | 1654 9101 | Resistor:9.1K $\Omega$ : $\pm$ 1%:1/10W |                   |
| 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   |                   |
| 181       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W             |                   |

## 24.Decals And Documents (C639)



## 24.Decals And Documents (C639)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | C593 1354 | Decal - Paper Feed            | 1                 |
| 2         | C593 1353 | Decal - LED                   | 1                 |
| 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                 |
| 8         | C593 1358 | Decal - Exit Pawl             | 1                 |
| 9         | C250 4197 | Decal - Paper Delivery        | 1                 |
| 10        | C250 4198 | Decal - Grip Case             | 1                 |
| 11        | C235 2814 | Decal:Lock:Side Fence:Left    | 1                 |
| 12        | C235 2813 | Decal:Lock:Side Fence:Right   | 1                 |

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





**C639**  
**PARTS INDEX**



This section instructs you as to the numbers and names of parts on this machine.

## 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 (C639)      | C229 2835 | Paper Feed Roller Ass'y       | Paper Feed Roller Ass'y      | 2                 | 17 - 1             |
| Paper Feed Section 4 (C639)      | C233 2883 | Separation Pad Ass'y          | Separation Pad Ass'y         | 1                 | 19 - 10            |
| Pressure Roller Section 1 (C639) | C593 3097 | Pressure Roller               | Pressure Roller              | 2                 | 23 - 15            |
| Paper Transport 2 (C639)         | C593 3861 | Middle Transport Belt - 80b   | Middle Transport Belt - 80b  | 2                 | 27 - 3             |
| Paper Exit Section 2 (C639)      | C229 3874 | Transport Belt                | Transport Belt               | 3                 | 31 - 17            |

## Parts Index

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| C639 1050 | Base:Machine Or Copier             | 49 - 12            |
| C639 1059 | Cover:Power Supply Unit            | 47 - 20            |
| C639 1063 | Stay:Upper                         | 47 - 11            |
| C639 1063 | Stay:Upper                         | 49 - 1             |
| C639 1065 | Stay:Paper Exit Unit               | 49 - 2             |
| C639 1074 | Bracket:Grip:Machine:Inner         | 19 - 1             |
| C639 1074 | Bracket:Grip:Machine:Inner         | 49 - 18            |
| C639 1074 | Bracket:Grip:Machine:Inner         | 41 - 10            |
| C639 1079 | Bracket:Grip:Machine:Outer         | 19 - 2             |
| C639 1079 | Bracket:Grip:Machine:Outer         | 49 - 17            |
| C639 1079 | Bracket:Grip:Machine:Outer         | 41 - 9             |
| C639 1120 | Bracket:Cover:Rear:Exit            | 43 - 17            |
| C639 1259 | Bracket:Safety Switch:Door:Cover   | 7 - 8              |
| C639 1266 | Stay:Cover:Upper                   | 9 - 26             |
| C639 1267 | Bracket:Cover:Upper                | 9 - 24             |
| C639 1283 | Spacer:Magnet Catch                | 7 - 27             |
| C639 1283 | Spacer:Magnet Catch                | 7 - 22             |
| C639 1284 | Cover:Right:Ass'y                  | 7 - 21             |
| C639 1291 | Label:Door:LED                     | 7 - 29             |
| C639 1292 | Cover:Rear Lower                   | 45 - 1             |
| C639 1296 | Bracket:Cover:Rear:Upper Left      | 41 - 30            |
| C639 1297 | Bracket:Cover:Rear:Upper Right     | 19 - 20            |
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