

DF76 (B541)

## **DF76 (B541)**

### **PARTS CATALOG**

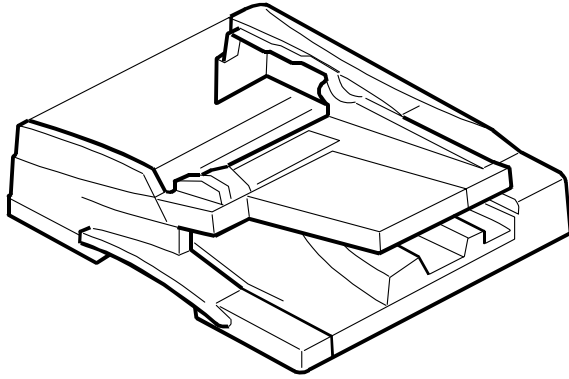
This catalog gives the numbers and names of parts on this machine.

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**January ,30 ' 2003**

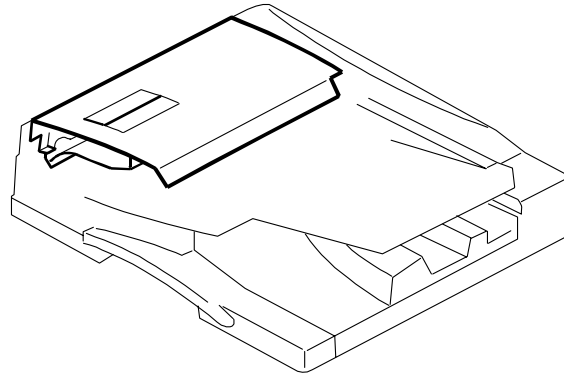
## LOCATIONS OF UNITS

1. ARDF1 (B541)



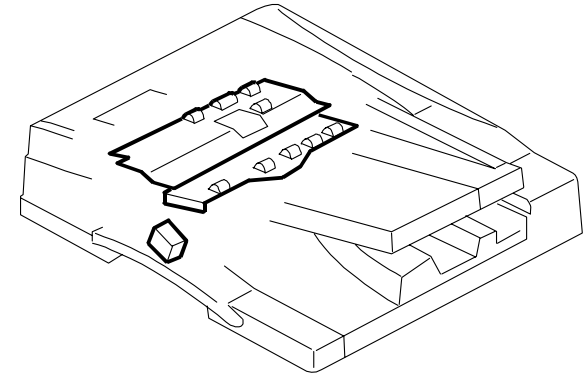
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2. ARDF2 (B541)



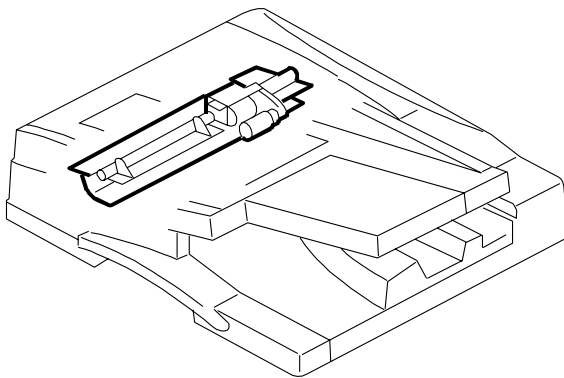
See Page 7

3. ARDF3 (B541)



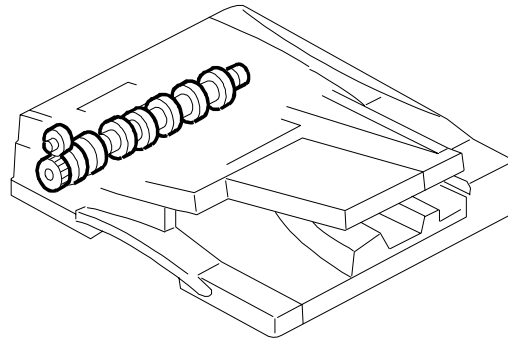
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4. ARDF4 (B541)



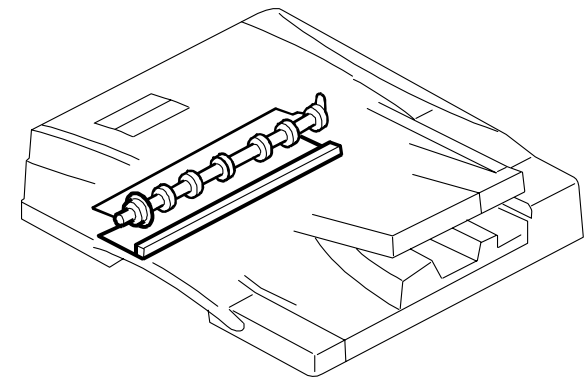
See Page 11

5. ARDF5 (B541)



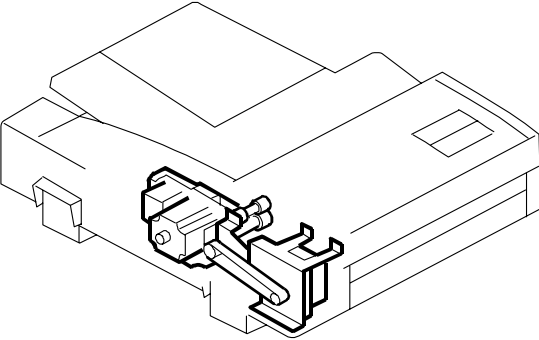
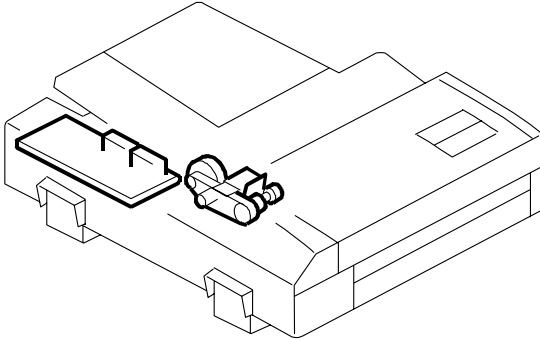
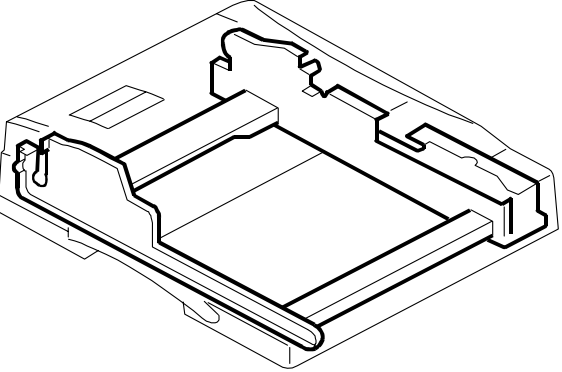
See Page 13

6. ARDF6 (B541)

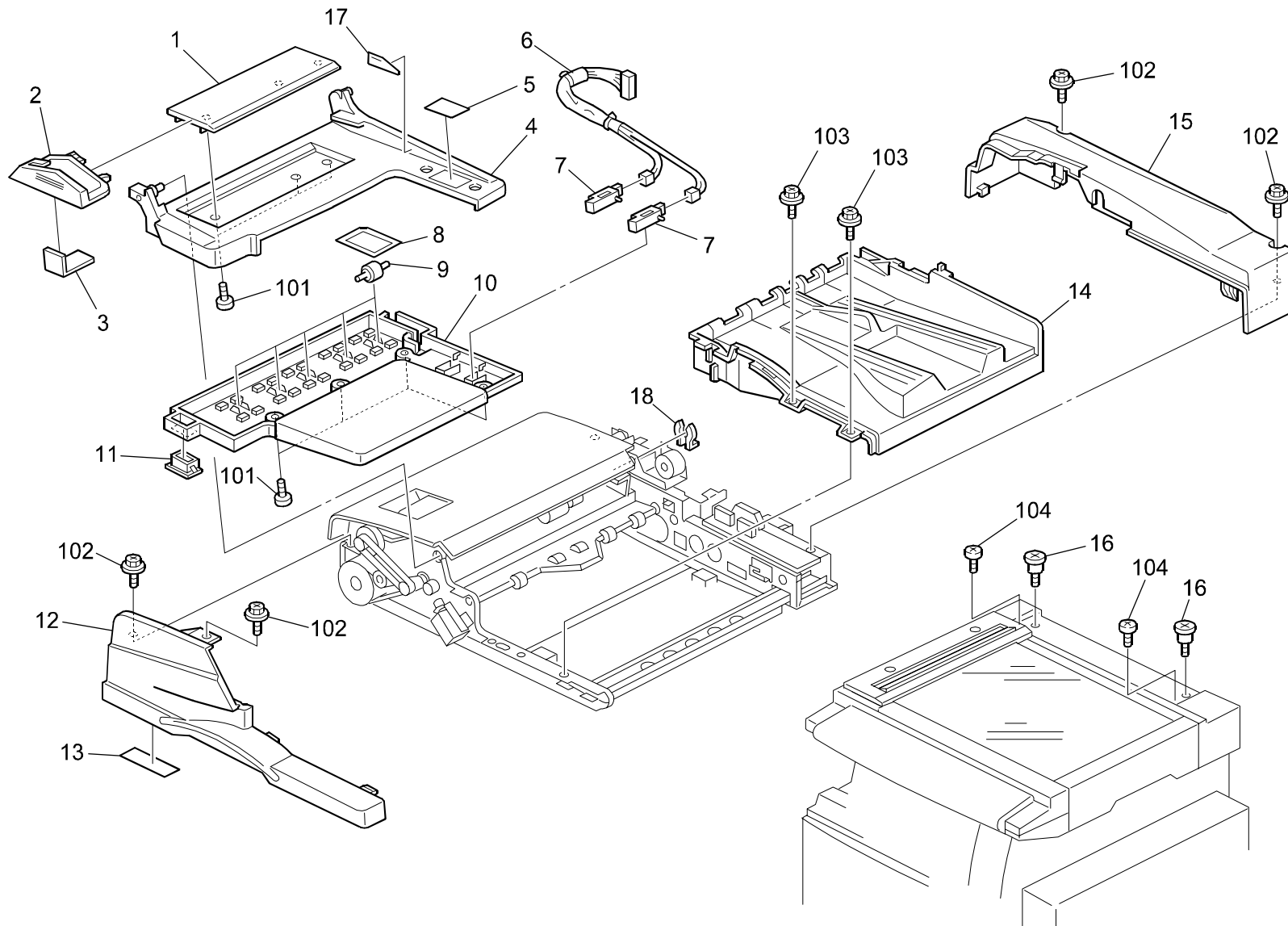


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**LOCATIONS OF UNITS**

|                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>7. ARDF7 (B541)</div> <div>An isometric line drawing of a rectangular electronic unit, model ARDF7 (B541). It features a small rectangular port on the left side and a larger, more complex connector assembly on the front face.</div> <div>See Page 17</div> | <div>8. ARDF8 (B541)</div> <div>An isometric line drawing of a rectangular electronic unit, model ARDF8 (B541). It has a small rectangular port on the left side and a circular component with a central knob or dial on the front face.</div> <div>See Page 19</div> | <div>9. ARDF9 (B541)</div> <div>An isometric line drawing of a rectangular electronic unit, model ARDF9 (B541). It shows a large, open rectangular slot on the front face, with various internal components and mounting points visible.</div> <div>See Page 21</div> |
|                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                          |

## 1.ARDF1 (B541)

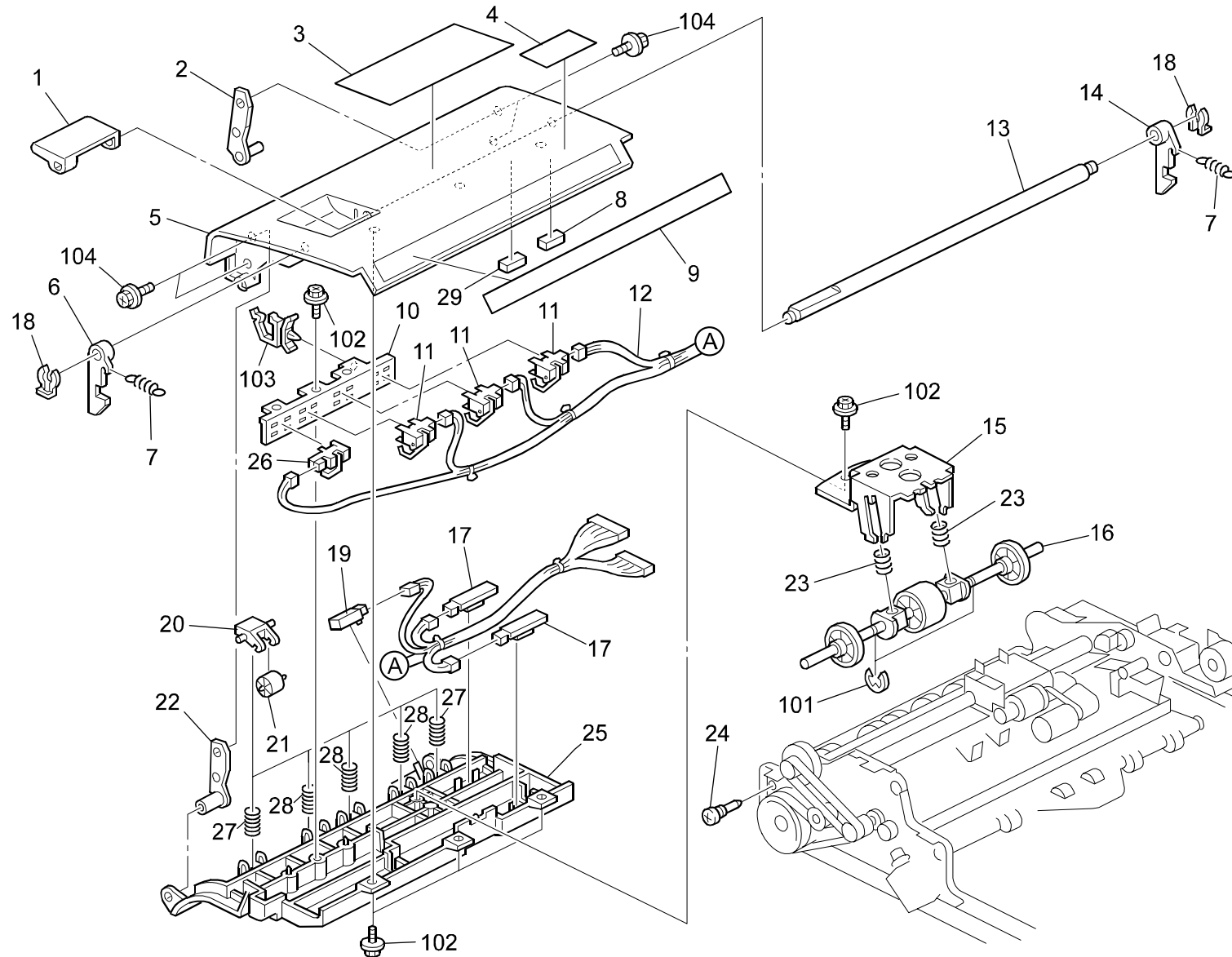


## 1.ARDF1 (B541)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | G564 4151 | Rail - Side Fence                  | 1                 |
| 2         | G564 4125 | Side Fence                         | 1                 |
| 3         | A376 4599 | Side Fence Pad                     | 1                 |
| 4         | B541 4123 | Original Table                     | 1                 |
| 5         | B541 6011 | Decal:Display:Original Table       | 1                 |
| 6         | B541 5330 | Harness:Connecting:Original Sensor | 1                 |
| 7         | AW01 0087 | Photo Sensor - Ass'y               | 2                 |
| 8         | A858 4676 | Spring Plate Pressure Roller       | 5                 |
| 9         | A858 4671 | Roller Driven                      | 5                 |
| 10        | B541 4133 | Original Table:Behind              | 1                 |
| 11        | B351 4135 | Magnet Catch - Original Table      | 1                 |
| 12        | G564 4212 | Front Cover                        | 1                 |
| 13        | G564 6041 | Decal - Exit Misfeed Removal       | 1                 |
| 14        | G564 4232 | Exit Tray                          | 1                 |
| 15        | G564 4222 | Rear Cover                         | 1                 |
| 16        | A376 4911 | Stepped Screw - Left Hinge         | 2                 |
| 17        | B386 6042 | Side Fence Decal                   | 1                 |
| 18        | 5215 2621 | Snap Ring - M6                     | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0452 3008B | Tapping Screw - M3x8              |                   |
| 102       | 0451 3008H | Tapping Screw - M3x8              |                   |
| 103       | 0353 0050B | Philips Truss Head Screw - M3x5   |                   |
| 104       | 0951 4010B | Philips Screw With Washer - M4x10 |                   |

## 2.ARDF2 (B541)



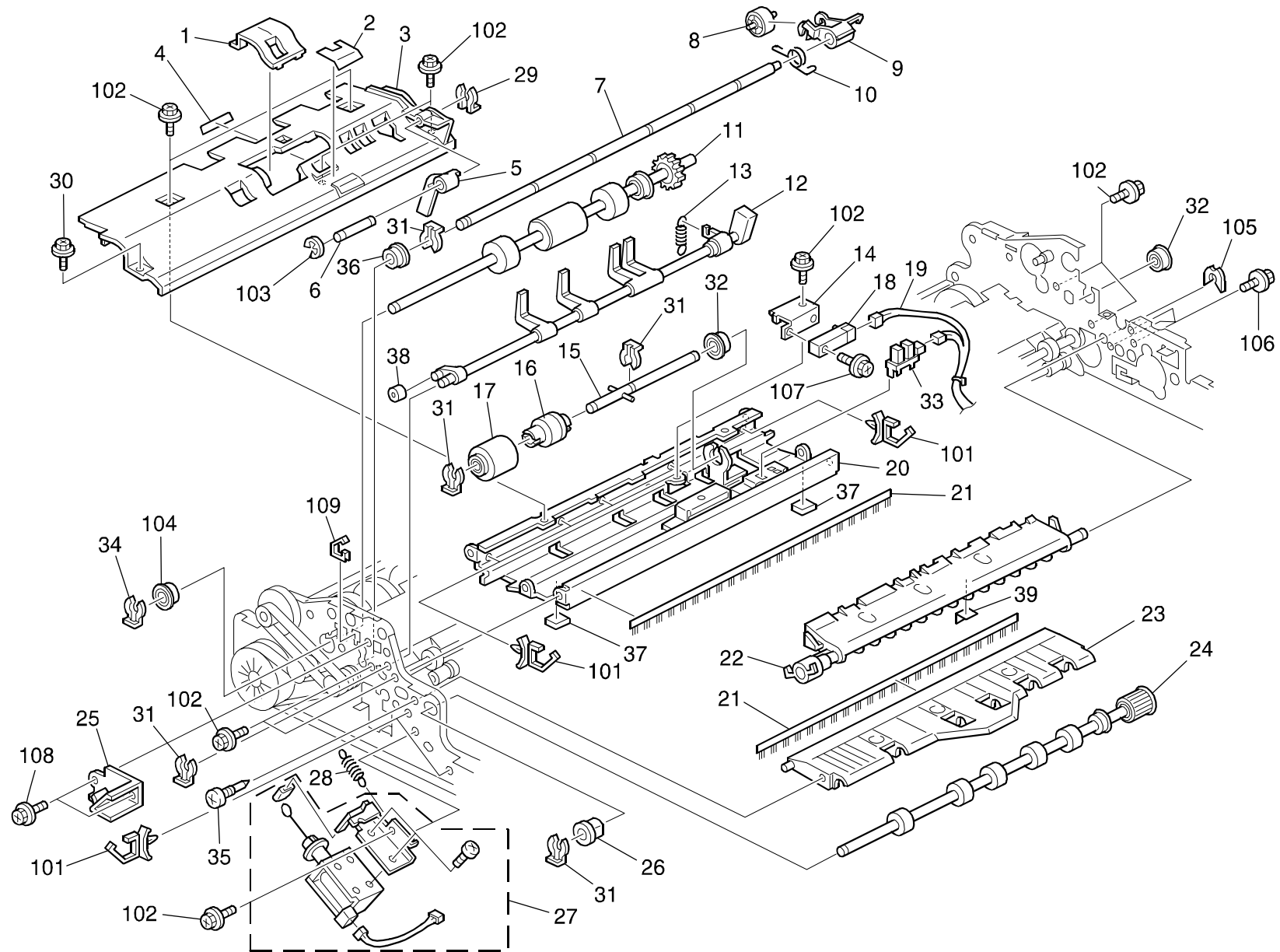
## 2.ARDF2 (B541)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | G564 4515 | Grip - Cover                       | 1                 |
| 2         | A680 1371 | Rear Fixing Bracket - Left Cover   | 1                 |
| 3         | G564 6032 | Decal - Misfeed Removal            | 1                 |
| 4         | G564 6076 | Decal - Exposure Glass             | 1                 |
| 5         | G564 4511 | Paper Feed Cover                   | 1                 |
| 6         | B351 4522 | Front Lever - Top Cover            | 1                 |
| 7         | AA06 0844 | Tension Spring                     | 2                 |
| 8         | B351 4536 | Cushion - Paper Feed               | 1                 |
| 9         | G564 6021 | Decal - Original Size              | 1                 |
| 10        | B541 3165 | Bracket:Paper Size Sensor          | 1                 |
| 11        | AW02 0104 | Photointerruptor                   | 3                 |
| 12        | B541 5310 | Harness:Connecting:Registration    | 1                 |
| 13        | B351 4512 | Shaft - Lever                      | 1                 |
| 14        | B351 4526 | Rear Lever - Top Cover             | 1                 |
| 15        | B541 3171 | Bracket:Pressure Plate:Pull Out    | 1                 |
| 16        | B351 3141 | Pull-out Roller                    | 1                 |
| 17        | AW01 0091 | Photo Reflection Sensor            | 2                 |
| 18        | 5447 2681 | Snap Ring                          | 2                 |
| 19        | AW01 0093 | Photo Reflection Sensor - PS-17ND1 | 1                 |
| 20        | B351 3183 | Holder - Driven Roller             | 4                 |
| 21        | B351 3182 | Driven Roller                      | 4                 |
| 22        | A680 1375 | Front Fixing Bracket - Left Cover  | 1                 |
| 23        | AA06 3856 | Pressure Spring                    | 2                 |
| 24        | 5446 2824 | Screw - Duplex Guide Plate         | 1                 |
| 25        | B541 3115 | Guide:Cover:Paper Feed             | 1                 |
| 26        | AW02 0095 | Photointerruptor                   | 1                 |
| 27        | AA06 3858 | Pressure Spring                    | 2                 |
| 28        | AA06 3857 | Pressure Spring                    | 3                 |
| 29        | B351 4538 | Cushion - Pickup Roller Arm        | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0720 0040B | Retaining Ring - M4   |                   |
| 102       | 0452 3008B | Tapping Screw - M3x8  |                   |
| 103       | 1105 0516  | Clamp                 |                   |
| 104       | 0451 3010B | Tapping Screw - M3x10 |                   |



### 3.ARDF3 (B541)

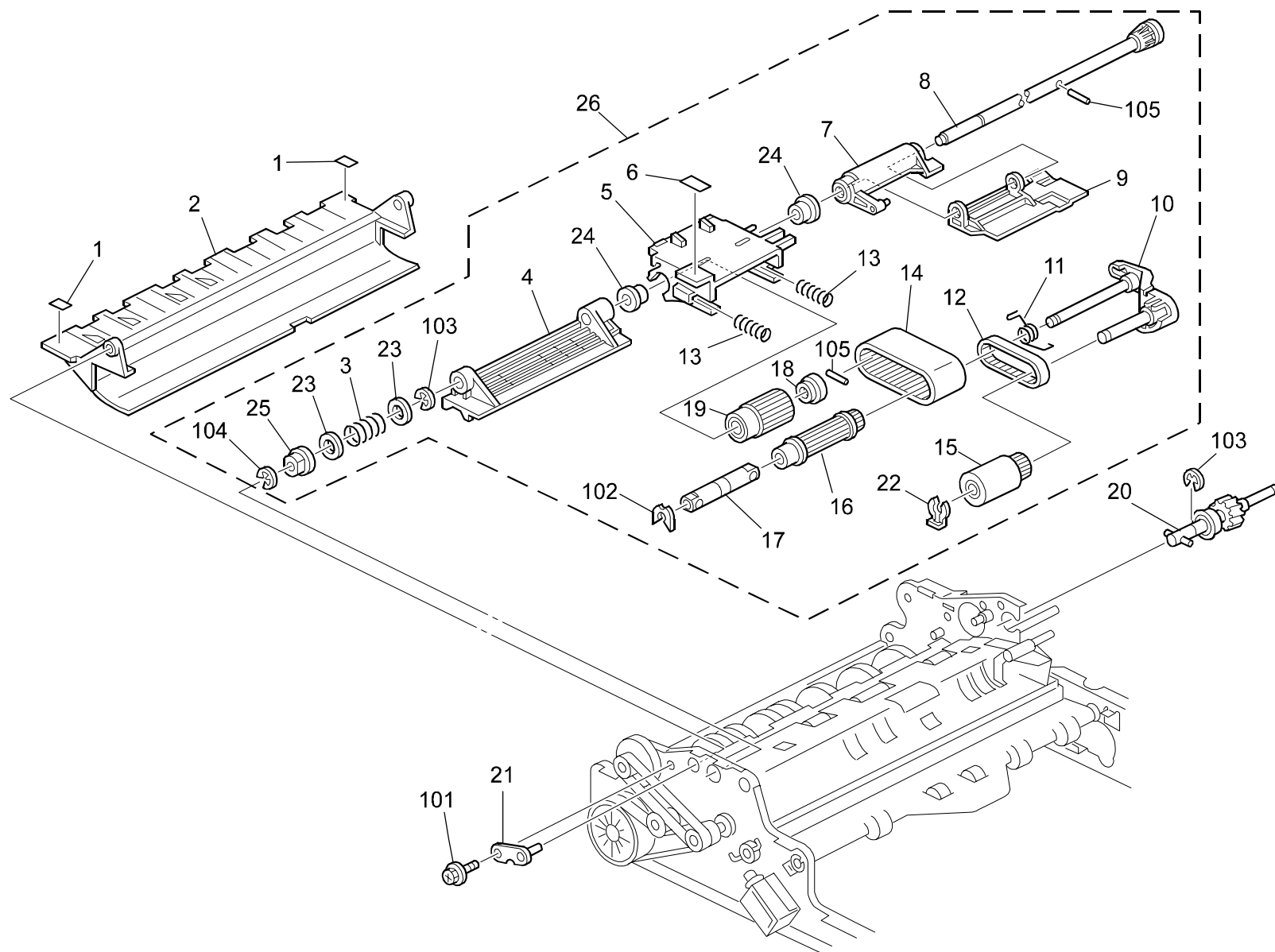


### 3.ARDF3 (B541)

| Index No. | Part No.         | Description                        | Q'ty Per Assembly |
|-----------|------------------|------------------------------------|-------------------|
| 1         | B351 2522        | Cap - Separation Guide             | 1                 |
| 2         | B351 2571        | Sheet - Pick-up Roller             | 1                 |
| 3         | B351 2511        | Upper Guide - Paper Separation     | 1                 |
| 4         | B351 2561        | Entrance Sheet - Separation        | 1                 |
| 5         | B351 2541        | Feeler - Original Sensor           | 1                 |
| 6         | B351 2531        | Stud - Original Sensor Feeler      | 1                 |
| 7         | B351 3933        | Shaft - Reverse Roller             | 1                 |
| 8         | A680 3161        | Driven Roller                      | 5                 |
| 9         | B351 3932        | Arm - Reverse Roller               | 5                 |
| 10        | AA06 0849        | Tension Spring                     | 5                 |
| 11        | B351 2321        | Pull Out Roller                    | 1                 |
| 12        | B351 2311        | Original Stopper                   | 1                 |
| 13        | AA06 0843        | Tension Spring                     | 1                 |
| 14        | B541 3952        | Bracket:Sensor:Reverse             | 1                 |
| 15        | B351 2410        | Shaft - Reverse Roller             | 1                 |
| 16        | A247 2900        | Torque Limiter - 53MNXM            | 1                 |
| 17        | <b>A859 2241</b> | <b>Reverse Roller</b>              | <b>1</b>          |
| 18        | AW01 0093        | Photo Reflection Sensor - PS-17ND1 | 1                 |
| 19        | B541 5220        | Harness:Sensor:Original Sensor     | 1                 |
| 20        | B541 1161        | Stay:Paper Feed:Ass'y              | 1                 |
| 21        | B351 3835        | Discharge Brush - Exit             | 2                 |
| 22        | B351 3822        | Inverter Gate                      | 1                 |
| 23        | G564 3832        | Guide Plate:Reverse:Outer          | 1                 |
| 24        | B351 3882        | Inverter Roller                    | 1                 |
| 25        | B351 4142        | Stopper - Original Table           | 1                 |
| 26        | 5053 0447        | Bushing - 6mm                      | 1                 |
| 27        | B541 3861        | DC Solenoid:Reverse:Outer:Ass'y    | 1                 |
| 28        | AA06 0848        | Tension Spring                     | 1                 |
| 29        | 5206 2686        | Snap Ring                          | 1                 |
| 30        | 5413 1882        | Stepped Screw                      | 1                 |
| 31        | 5447 2681        | Snap Ring                          | 5                 |
| 32        | A859 2230        | Ball Bearing - 6x13x5              | 1                 |
| 33        | AW02 0086        | Photointerruptor                   | 1                 |
| 34        | 5215 2621        | Snap Ring - M6                     | 1                 |
| 35        | 5446 2824        | Screw - Duplex Guide Plate         | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 36        | A376 1465  | Feed Roller Bushing               | 1                 |
| 37        | B351 3825  | Cushion - Inverter Gate           | 2                 |
| 38        | A458 2251  | Cushion - Bin Solenoid Lever      | 1                 |
| 39        | B351 3827  | Exit Guide                        | 1                 |
| 101       | 1105 0516  | Clamp                             |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6              |                   |
| 103       | 0720 0030B | Retaining Ring - M3               |                   |
| 104       | 0742 3808  | Ball Bearing - 8x16x5             |                   |
| 105       | 0805 0088  | Retaining Ring - M6               |                   |
| 106       | 0452 3008B | Tapping Screw - M3x8              |                   |
| 107       | 0451 3012B | Tapping Screw With Washer - M3x12 |                   |
| 108       | 0802 5276  | Tapping Screw With Washer - M3x6  |                   |
| 109       | 1105 0514  | Edge Saddle - EDS-0607L           |                   |

## 4.ARDF4 (B541)

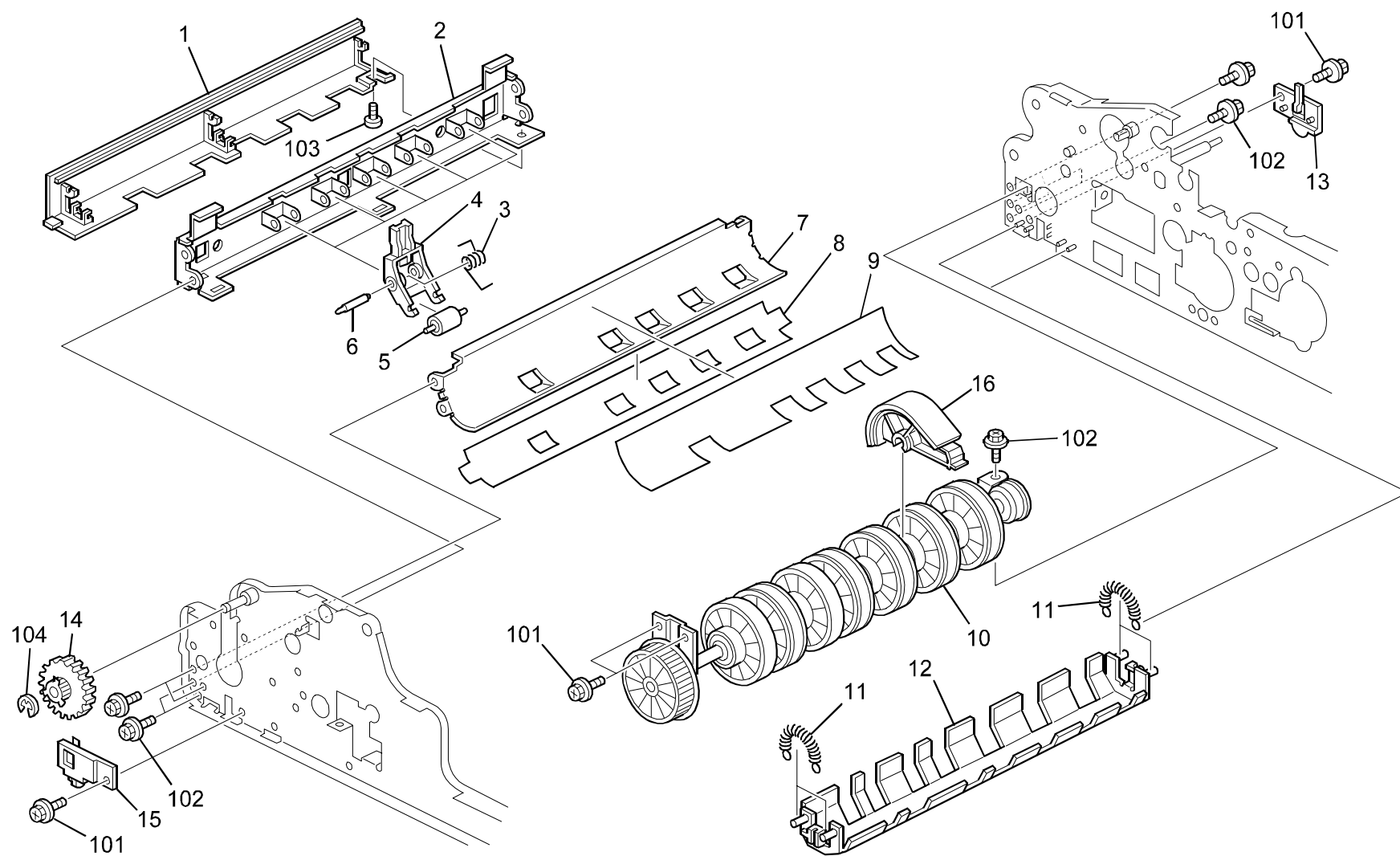


#### 4.ARDF4 (B541)

| Index No. | Part No.         | Description                      | Q'ty Per Assembly |
|-----------|------------------|----------------------------------|-------------------|
| 1         | A054 2977        | Decal - Vertical Transport Guide | 2                 |
| 2         | B351 3195        | Lower Guide Plate - Transport    | 1                 |
| 3         | AA06 3861        | Pressure Spring                  | 1                 |
| 4         | B351 2151        | Front Guide - Paper Feed         | 1                 |
| 5         | B351 2251        | Bracket - Paper Feed Belt        | 1                 |
| 6         | A858 6022        | Decal Blue                       | 1                 |
| 7         | B351 2131        | Pick-up Lever                    | 1                 |
| 8         | B351 2111        | Shaft - Paper Feed               | 1                 |
| 9         | B351 2141        | RearGuide - Paper Feed           | 1                 |
| 10        | B351 2161        | Arm - Pick-up Roller             | 1                 |
| 11        | AA06 6629        | Tension Spring                   | 1                 |
| 12        | AA04 3929        | Timing Belt - B40S2M114          | 1                 |
| 13        | AA06 3863        | Pressure Spring                  | 2                 |
| 14        | <b>B351 2222</b> | <b>Paper Feed Belt</b>           | <b>1</b>          |
| 15        | <b>B351 2126</b> | <b>Pickup Roller</b>             | <b>1</b>          |
| 16        | B351 2242        | Timming Pulley - 26/30Z          | 1                 |
| 17        | A680 1865        | Shaft - Belt Guide Roller        | 1                 |
| 18        | B351 2181        | Bushing - 8MM                    | 1                 |
| 19        | B351 2231        | Timming Pulley - 36Z             | 1                 |
| 20        | B351 1742        | Gear - PAPER FEED DRIVE          | 1                 |
| 21        | B541 1321        | Stud:Contact Point:Guide:Ass'y   | 1                 |
| 22        | 5447 2681        | Snap Ring                        | 1                 |
| 23        | AA13 2013        | Spacer                           | 2                 |
| 24        | A628 1225        | Bushing - 8mm                    | 2                 |
| 25        | 5304 1639        | Bushing - 8mm                    | 1                 |
| 26        | B351 2010        | Paper Feed Belt:Ass'y            | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0802 5276  | Tapping Screw With Washer - M3x6 |                   |
| 102       | 0805 0089  | Retaining Ring - M4              |                   |
| 103       | 0720 0060B | Retaining Ring - M6              |                   |
| 104       | 0720 0040B | Retaining Ring - M4              |                   |
| 105       | 0632 0120G | Parallel Pin - 2x12              |                   |

## 5.ARDF5 (B541)

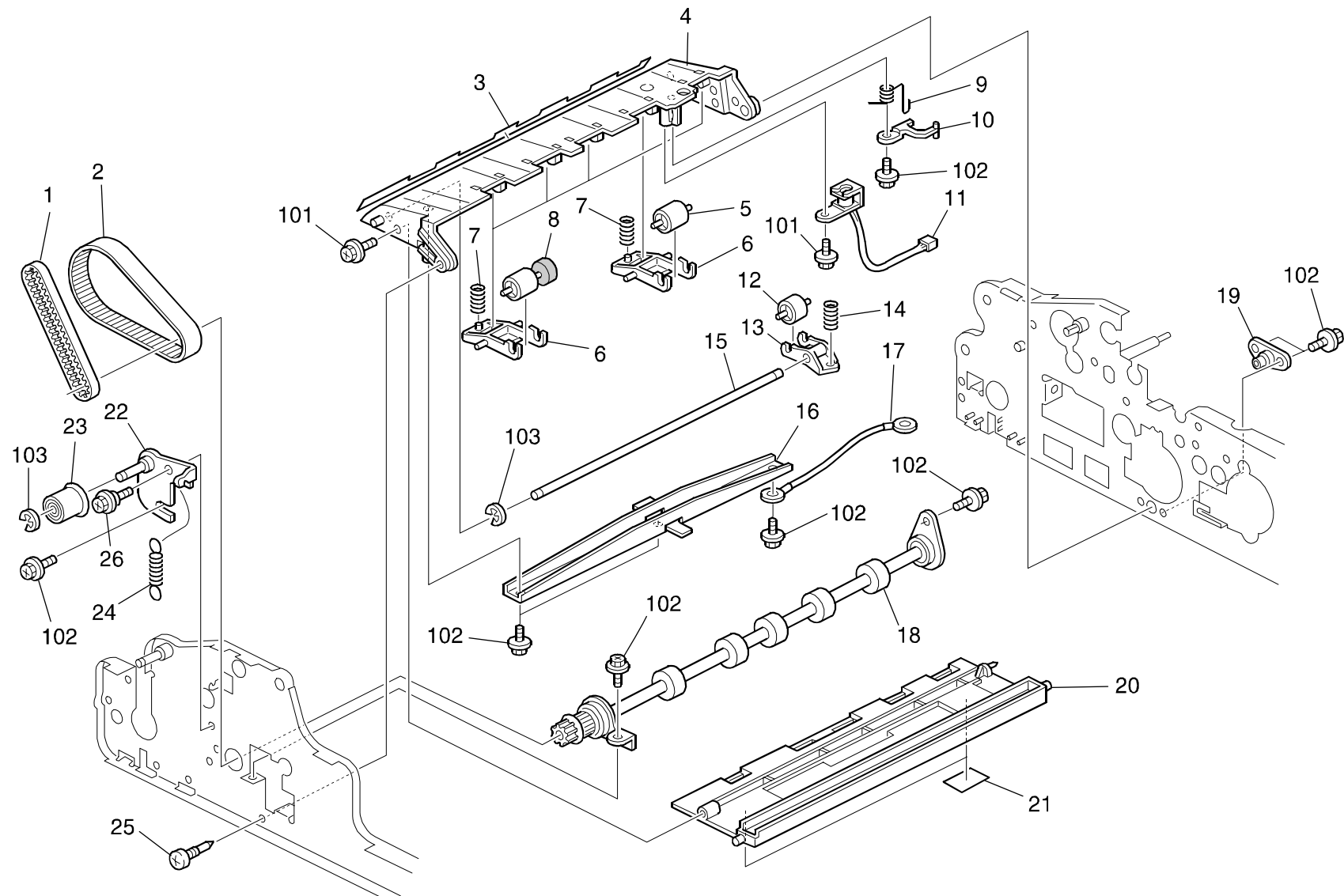


## 5.ARDF5 (B541)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | G564 4252 | Lower Paper Feed Cover     | 1                 |
| 2         | B541 1131 | Stay:Left:Ass'y            | 1                 |
| 3         | AA06 6630 | Tension Spring             | 5                 |
| 4         | B351 1135 | Arm - Driven Roller        | 5                 |
| 5         | B351 1136 | Driven Roller - Scanning   | 5                 |
| 6         | B351 1137 | Shaft - Driven Roller      | 5                 |
| 7         | B541 3332 | Guide Plate:Scanning:Outer | 1                 |
| 8         | B351 3338 | Shield - Transport Guide   | 1                 |
| 9         | B351 3335 | Mylar - Transport Guide    | 1                 |
| 10        | B541 3351 | Roller:Scanning            | 1                 |
| 11        | AA06 0845 | Tension Spring             | 4                 |
| 12        | B541 3311 | Guide Plate:Scanning:Ass'y | 1                 |
| 13        | B351 3323 | Rear Stopper - Scanning    | 1                 |
| 14        | B351 1965 | Lever - Transport Roller   | 1                 |
| 15        | B351 3322 | Front Stopper - Scanning   | 1                 |
| 16        | B351 3775 | Roller Guide               | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0802 5276  | Tapping Screw With Washer - M3x6 |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6             |                   |
| 103       | 0451 3008H | Tapping Screw - M3x8             |                   |
| 104       | 0805 0089  | Retaining Ring - M4              |                   |

## 6.ARDF6 (B541)



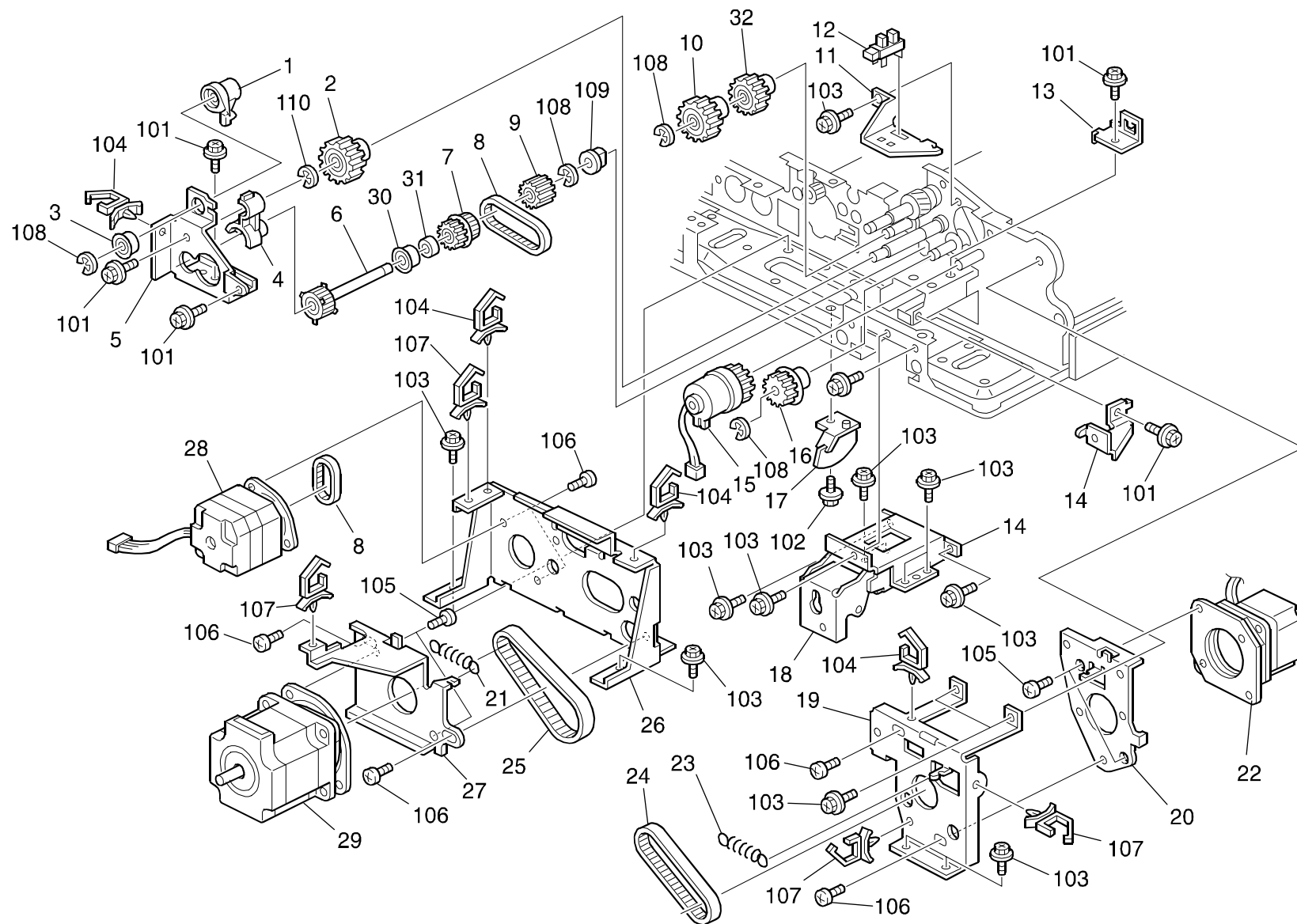
## 6.ARDF6 (B541)

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 1         | AA04 3920 | Timing Belt - S3M264                         | 1                 |
| 2         | AA04 3919 | Timing Belt - B245ST1.5-10                   | 1                 |
| 3         | B351 3639 | Guide Plate - Pressure Roller                | 1                 |
| 4         | B351 3612 | Lower Exit Guide                             | 1                 |
| 5         | B351 3743 | Driven Roller                                | 1                 |
| 6         | B351 3632 | Arm - Driven Roller - Exit                   | 5                 |
| 7         | AA08 3860 | Pressure Spring                              | 5                 |
| 8         | B351 3640 | Driven Roller - Sponge                       | 4                 |
| 9         | AA06 6631 | Tension Spring                               | 1                 |
| 10        | B351 3791 | Stopper - Stamp                              | 1                 |
| 11        | H511 5006 | Stamper                                      | 1                 |
| 12        | B351 3752 | Pressure Roller - Reverse                    | 5                 |
| 13        | B351 3642 | Arm - Pressure Roller                        | 5                 |
| 14        | AA08 3859 | Pressure Spring                              | 5                 |
| 15        | B351 3634 | Shaft - Pressure Arm                         | 1                 |
| 16        | B541 3635 | Supporting Plate:Paper Exit Unit:Lower:Ass'y | 1                 |
| 17        | B541 5270 | Harness:Earth:Paper Exit Unit                | 1                 |
| 18        | B541 3701 | Roller:Exit:Drive                            | 1                 |
| 19        | B351 3613 | Holder - Guide Plate                         | 1                 |
| 20        | B351 3617 | Lower Guide - Exit Roller                    | 1                 |
| 21        | B351 4322 | Tape - Platen Sheet                          | 2                 |
| 22        | B541 1951 | Bracket:Tightener:Scanning:Ass'y             | 1                 |
| 23        | B351 1942 | Pulley - 20T                                 | 1                 |
| 24        | AA06 0846 | Tension Spring                               | 1                 |
| 25        | 5446 2824 | Screw - Duplex Guide Plate                   | 1                 |
| 26        | A697 1125 | Stepped Screw - Lever                        | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3008B | Tapping Screw - M3x8 |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6 |                   |
| 103       | 0720 0030B | Retaining Ring - M3  |                   |



## 7.ARDF7 (B541)

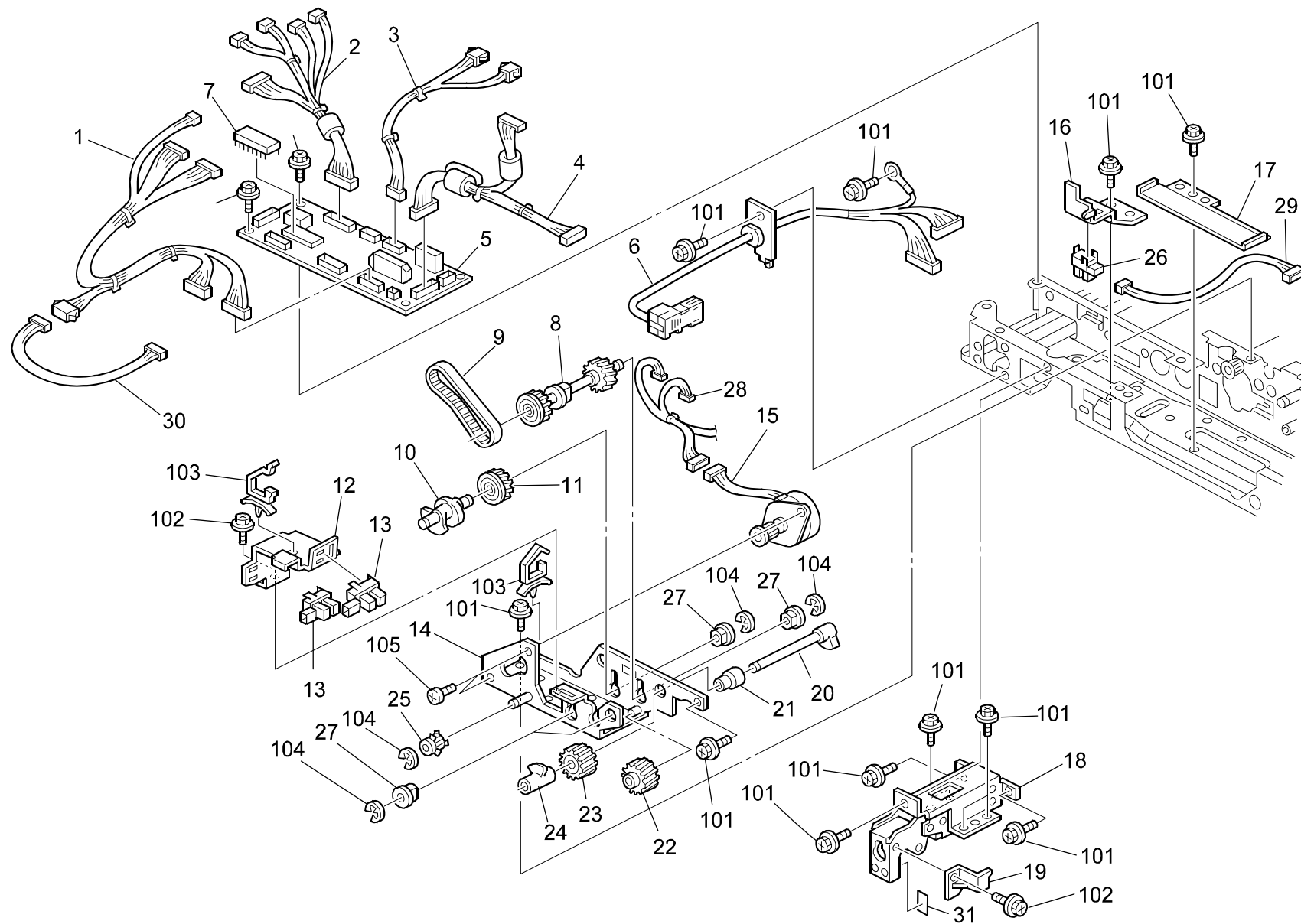


## 7.ARDF7 (B541)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | B351 1651 | Stopper - Separation Shaft       | 1                 |
| 2         | B351 1731 | Gear - 28Z                       | 1                 |
| 3         | A859 2230 | Ball Bearing - 6x13x5            | 1                 |
| 4         | B351 1626 | Stopper - Gear                   | 1                 |
| 5         | B541 1611 | Side Plate:Drive:Auxiliary       | 1                 |
| 6         | B351 1711 | Timing Pulley - 30Z              | 1                 |
| 7         | B351 1721 | Gear Pulley - 19T/31Z            | 1                 |
| 8         | AA04 3915 | Timing Belt - B40S2M116          | 2                 |
| 9         | B351 1722 | Gear - 18Z                       | 1                 |
| 10        | B351 2431 | Gear - 35Z                       | 1                 |
| 11        | B541 1335 | Bracket:Sensor:Paper Feed        | 1                 |
| 12        | AW02 0086 | Photointerruptor                 | 1                 |
| 13        | B541 1691 | Stopper:Spring Clutch:Pull Out   | 1                 |
| 14        | B541 1146 | Supporting Plate:Side Plate:Rear | 1                 |
| 15        | AX20 0213 | Magnetic Clutch - Z30            | 1                 |
| 16        | B351 2331 | Timing Pulley - 32Z              | 1                 |
| 17        | B351 1196 | Sensor Feeler                    | 1                 |
| 18        | B541 1211 | Hinge:Left:Ass'y                 | 1                 |
| 19        | B541 1621 | Bracket:Motor:Paper Feed         | 1                 |
| 20        | B541 1641 | Stay:Motor:Paper Feed            | 1                 |
| 21        | AA06 0846 | Tension Spring                   | 1                 |
| 22        | B351 1811 | Feed Motor - DC10W               | 1                 |
| 23        | AA06 0842 | Tension Spring                   | 1                 |
| 24        | AA04 3914 | Timing Belt - B60S2M252          | 1                 |
| 25        | AA04 3917 | Timing Belt - B138ST1.5-10       | 1                 |
| 26        | B541 1912 | Bracket:Motor:Scanning:Reverse   | 1                 |
| 27        | B541 1932 | Bracket:Scanning:Link            | 1                 |
| 28        | B351 1971 | Stepper Motor - Reverse          | 1                 |
| 29        | B351 1921 | Scanner Motor - DC 7W            | 1                 |
| 30        | A859 2230 | Ball Bearing - 6x13x5            | 1                 |
| 31        | B351 1717 | Spacer - Paper Feed              | 1                 |
| 32        | B351 2421 | Gear - 28Z                       | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6             |                   |
| 102       | 0451 3008H | Tapping Screw - M3x8             |                   |
| 103       | 0802 5276  | Tapping Screw With Washer - M3x6 |                   |
| 104       | 1105 0516  | Clamp                            |                   |
| 105       | 0354 0050B | Bind Screw - M4x5                |                   |
| 106       | 0353 0050B | Philips Truss Head Screw - M3x5  |                   |
| 107       | 1105 0487  | Harness Clamp                    |                   |
| 108       | 0720 0040E | Retaining Ring - M4              |                   |
| 109       | 5053 0447  | Bushing - 6mm                    |                   |
| 110       | 0720 0060B | Retaining Ring - M6              |                   |

## 8.ARDF8 (B541)

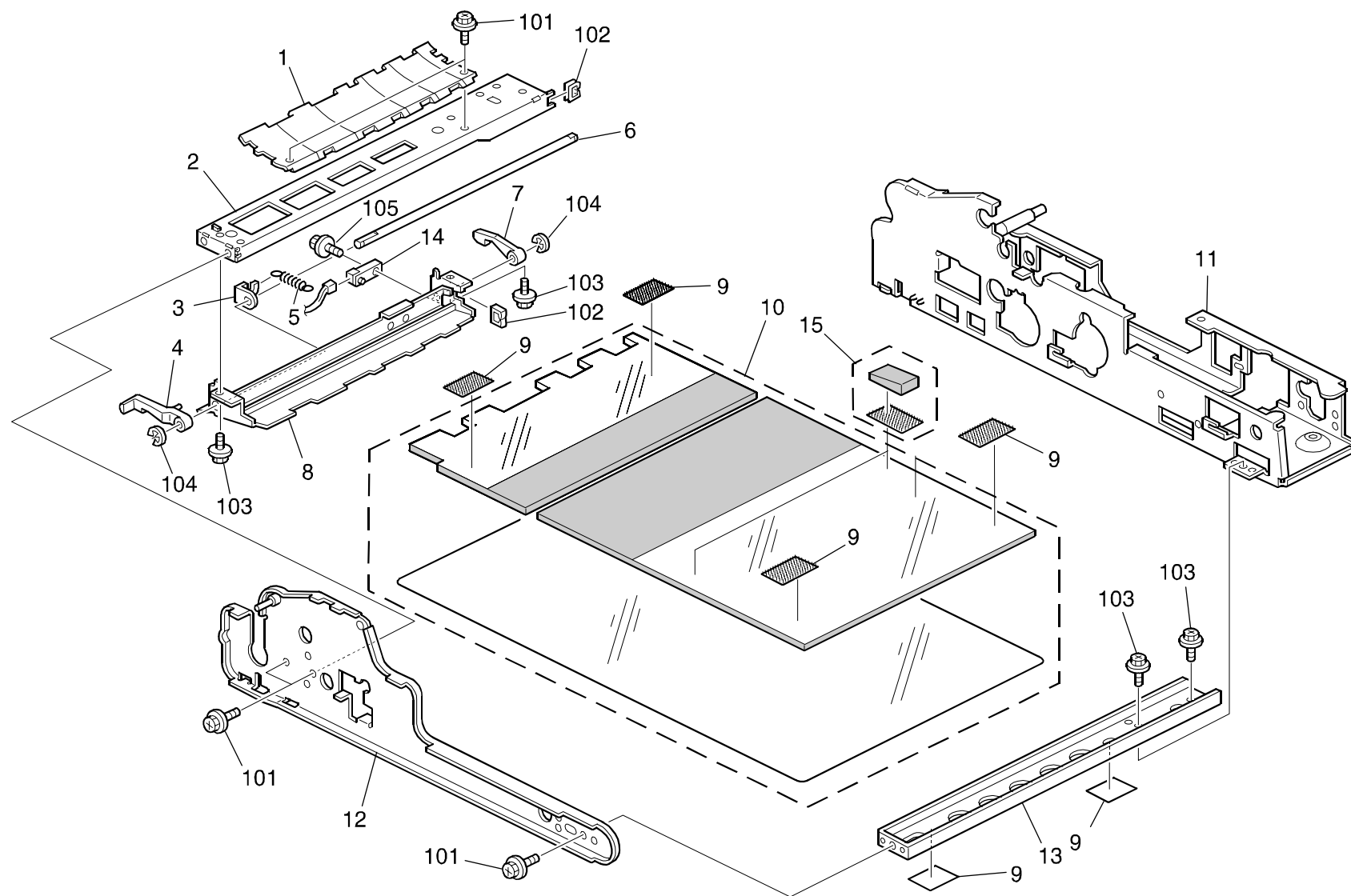


## 8.ARDF8 (B541)

| Index No. | Part No.  | Description                                 | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------|-------------------|
| 1         | B541 5210 | Harness:Sensor:Registration                 | 1                 |
| 2         | B541 5220 | Harness:Sensor:Original Sensor              | 1                 |
| 3         | B541 5260 | Harness:Solenoid:Stamp                      | 1                 |
| 4         | B541 5280 | Harness:Motor:Paper Feed                    | 1                 |
| 5         | B541 5100 | Pcb:Main Control                            | 1                 |
| 6         | B541 5201 | Harness:Interface:Ass'y                     | 1                 |
| 7         | B541 5103 | Eprom:Main Control                          | 1                 |
| 8         | A680 2251 | Gear - 17Z                                  | 1                 |
| 9         | AA04 3916 | Timing Belt - B40S2M212                     | 1                 |
| 10        | B351 1761 | Cam - Paper Feed                            | 1                 |
| 11        | B351 1791 | Gear - 25Z                                  | 1                 |
| 12        | B541 1671 | Bracket:Photointerruptor:Stopper:Paper Feed | 1                 |
| 13        | AW02 0086 | Photointerruptor                            | 2                 |
| 14        | B541 1661 | Bracket:Pickup:Drive:Ass'y                  | 1                 |
| 15        | AX04 0096 | Stepping Motor - DC 18W                     | 1                 |
| 16        | B541 1192 | Bracket:Sensor:Open And Close               | 1                 |
| 17        | B541 1181 | Bracket:Guide:Harness                       | 1                 |
| 18        | B541 1221 | Hinge:Right:Ass'y                           | 1                 |
| 19        | A859 1841 | Filler DF Open Sensor                       | 1                 |
| 20        | B351 1751 | Cam - Pick-up Roller                        | 1                 |
| 21        | A548 2343 | Clutch Stopper                              | 1                 |
| 22        | B351 1781 | Gear - 18Z                                  | 1                 |
| 23        | A680 2261 | Gear - 24Z                                  | 1                 |
| 24        | B351 1756 | Actuator - Pick-up Roller                   | 1                 |
| 25        | A680 2241 | Pulley - 18T                                | 1                 |
| 26        | AW02 0086 | Photointerruptor                            | 1                 |
| 27        | 5053 0447 | Bushing - 6mm                               | 1                 |
| 28        | B541 5290 | Harness:Motor:Pick Up                       | 1                 |
| 29        | B541 5230 | Harness:Sensor:Lift-up                      | 1                 |
| 30        | B541 5320 | Harness:Connecting:Exit                     | 1                 |
| 31        | A334 4678 | Rack Shield Mylar                           | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0802 5276  | Tapping Screw With Washer - M3x6 |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6             |                   |
| 103       | 1105 0516  | Clamp                            |                   |
| 104       | 0720 0040B | Retaining Ring - M4              |                   |
| 105       | 0353 0050B | Philips Truss Head Screw - M3x5  |                   |

## 9.ARDF9 (B541)



## 9.ARDF9 (B541)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | B541 3912 | Guide Plate:Reverse:Lower          | 1                 |
| 2         | B541 1142 | Stay:Middle                        | 1                 |
| 3         | B541 3649 | Anchor:Spring:Hook                 | 1                 |
| 4         | B351 3666 | Front Hook - Paper Exit            | 1                 |
| 5         | AA06 0850 | Tension Spring                     | 1                 |
| 6         | B351 3663 | Shaft - Lock Lever                 | 1                 |
| 7         | B351 3669 | Rear Hook - Paper Exit             | 1                 |
| 8         | B541 3721 | Guide Plate:Exit:Upper:Welding     | 1                 |
| 9         | B351 4322 | Tape - Platen Sheet                | 4                 |
| 10        | B351 4351 | Pressure Plate:Ass'y               | 1                 |
| 11        | B541 1121 | Side Plate:Rear:Ass'y              | 1                 |
| 12        | B541 1111 | Side Plate:Front:Ass'y             | 1                 |
| 13        | B541 1153 | Right Stay                         | 1                 |
| 14        | AW01 0093 | Photo Reflection Sensor - PS-17ND1 | 1                 |
| 15        | B351 4333 | Cushion - Pressure Plate           | 2                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6              |                   |
| 102       | 1105 0514  | Edge Saddle - Eds-0607I           |                   |
| 103       | 0802 5276  | Tapping Screw With Washer - M3x6  |                   |
| 104       | 0720 0030B | Retaining Ring - M3               |                   |
| 105       | 0451 3012B | Tapping Screw With Washer - M3x12 |                   |

## 10.Main Control Board (B541)

### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C100       | 155       | C110       | 162       | C120       | 163       | C130       | 161       | C140       | 161       | C150       | 163       | C160       | 163       |
| C101       | 153       | C111       | 163       | C121       | 163       | C131       | 161       | C141       | 163       | C151       | 161       | C161       | 160       |
| C102       | 157       | C112       | 163       | C122       | 163       | C132       | 161       | C142       | 163       | C152       | 163       | C162       | 161       |
| C103       | 161       | ----       | ---       | C123       | 163       | C133       | 161       | C143       | 161       | C153       | 161       | C163       | 161       |
| C104       | 161       | C114       | 158       | C124       | 163       | C134       | 158       | C144       | 161       | C154       | 161       | C164       | 161       |
| C105       | 154       | C115       | 162       | C125       | 162       | C135       | 158       | C145       | 161       | C155       | 161       | COIL       |           |
| C106       | 154       | C116       | 163       | ----       | ---       | C136       | 134       | C146       | 161       | C156       | 159       | SYMBOL NO. | INDEX NO. |
| C107       | 156       | C117       | 163       | C127       | 161       | C137       | 134       | C147       | 161       | C157       | 163       | L100       | 135       |
| C108       | 156       | C118       | 161       | C128       | 161       | C138       | 161       | C148       | 161       | C158       | 161       |            |           |
| C109       | 162       | C119       | 158       | C129       | 161       | C139       | 161       | C149       | 161       | C159       | 161       |            |           |

### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN100      | 112       |
| CN110      | 113       |
| CN200      | 114       |
| CN210      | 109       |
| CN220      | 108       |
| CN230      | 106       |
| CN240      | 104       |
| CN300      | 110       |
| CN310      | 107       |
| CN320      | 111       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN330      | 105       |
| CN340      | 103       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D100       | 122       |
| D101       | 121       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC100      | 130       |
| IC101      | 164       |
| (Socket)   | 116       |
| IC102      | 125       |
| IC103      | 127       |
| IC104      | 128       |
| IC105      | 129       |
| IC106      | 123       |
| IC107      | 126       |
| IC108      | 124       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC109      | 131       |
| IC110      | 131       |
| IC111      | 132       |
| IC112      | 132       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R100       | 138       |
| R101       | 138       |
| R102       | 138       |
| R103       | 138       |
| R104       | 138       |
| R105       | 138       |
| R106       | 138       |
| R107       | 137       |
| R108       | 137       |
| R109       | 137       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R110       | 137       |
| R111       | 137       |
| R112       | 137       |
| R113       | 137       |
| R114       | 137       |
| R115       | 144       |
| R116       | 149       |
| R117       | 138       |
| R118       | 138       |
| R119       | 138       |

### Q

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q100       | 119       |
| Q101       | 119       |
| Q102       | 120       |

### FUSE

| SYMBOL NO.   | INDEX NO. |
|--------------|-----------|
| FU100 (clip) | 117       |
|              | 115       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC100     | 133       |

## 10.Main Control Board (B541)

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R122       | 145       | R132       | 149       | R142       | 152       | R153       | 138       | R163       | 142       | R173       | 142       | R183       | 138       |
| R123       | 137       | R133       | 143       | R143       | 152       | R154       | 138       | R164       | 145       | R174       | 145       | R184       | 138       |
| R124       | 145       | R134       | 138       | R144       | 150       | R155       | 138       | R165       | 142       | R175       | 138       | R185       | 138       |
| R125       | 142       | R135       | 138       | R145       | 152       | R156       | 138       | R166       | 138       | R176       | 138       | R186       | 138       |
| R126       | 138       | R136       | 138       | R146       | 151       | R157       | 138       | R167       | 138       | R177       | 138       | R187       | 14        |
| R127       | 138       | R137       | 138       | R147       | 150       | R158       | 138       | R168       | 138       | R178       | 138       | R188       | 142       |
| R128       | 138       | R138       | 138       | R149       | 140       | R159       | 138       | R169       | 145       | R179       | 145       | R189       | 145       |
| R129       | 138       | R139       | 138       | R150       | 140       | R160       | 138       | R170       | 142       | R180       | 142       | R190       | 142       |
| R130       | 145       | R140       | 138       | R151       | 138       | R161       | 148       | R171       | 142       | R181       | 145       | R191       | 138       |
| R131       | 137       | R141       | 138       | R152       | 138       | R162       | 145       | R172       | 145       | R182       | 142       | R192       | 145       |

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SWITCH | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|--------|-----------|------------|-----------|
| R193       | 142       | R203       | 148       | R213       | 148       | R223       | 148       | R233       | 139       | SW101  | 118       | TP101      | 102       |
| R194       | 145       | R204       | 148       | R214       | 138       | R224       | 148       | R234       | 146       |        |           | TP102      | 102       |
| R195       | 142       | R205       | 148       | R215       | 138       | R225       | 148       | R235       | 141       |        |           | TP104      | 101       |
| R196       | 140       | R206       | 148       | R216       | 138       | R226       | 148       | R236       | 136       |        |           | TP105      | 102       |
| R197       | 142       | R207       | 148       | R217       | 148       | R227       | 148       | R237       | 138       |        |           | TP106      | 102       |
| R198       | 145       | R208       | 148       | R218       | 148       | R228       | 137       | R238       | 146       |        |           | TP108      | 101       |
| R199       | 148       | R209       | 148       | R219       | 148       | R229       | 142       | R239       | 138       |        |           | TP109      | 101       |
| R200       | 148       | R210       | 148       | R220       | 148       | R230       | 138       |            |           |        |           | TP110      | 101       |
| R201       | 148       | R211       | 148       | R221       | 148       | R231       | 143       |            |           |        |           |            |           |
| R202       | 148       | R212       | 148       | R222       | 148       | R232       | 147       |            |           |        |           |            |           |



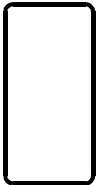
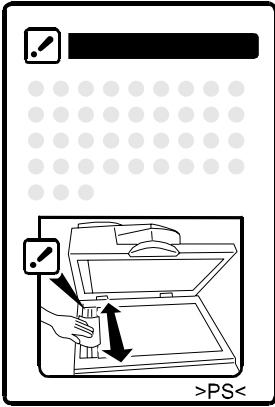
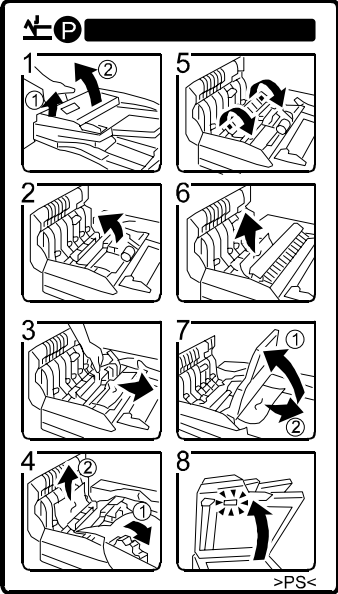
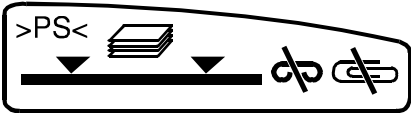
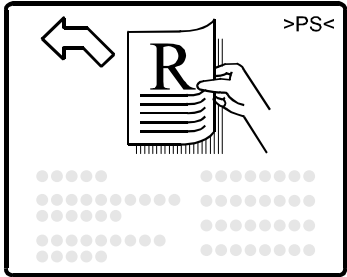
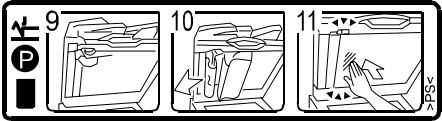
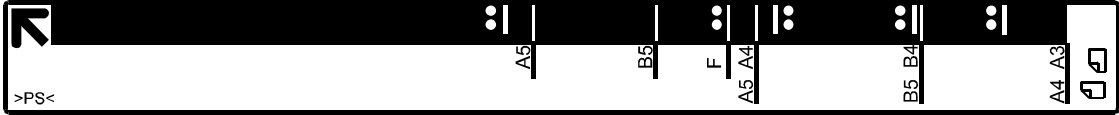
## 10.Main Control Board (B541)

| Index No. | Part No.  | Description        | Q'ty Per Assembly |
|-----------|-----------|--------------------|-------------------|
| *         | B541 5100 | PCB:Main Control   | 1                 |
| 1         | B541 5103 | EPROM:Main Control | 1                 |

| Index No. | Part No.  | Description              | Q'ty Per Assembly |
|-----------|-----------|--------------------------|-------------------|
| 101       | 1100 1474 | Test Pin                 |                   |
| 102       | 1101 0328 | Connector Pin Contact    |                   |
| 103       | 1102 4201 | Connector - 2P           |                   |
| 104       | 1102 4202 | Connector - 3P           |                   |
| 105       | 1102 4203 | CT Header - 4P           |                   |
| 106       | 1102 4205 | CT Header - 6P           |                   |
| 107       | 1102 4206 | Connector - 7P           |                   |
| 108       | 1102 4211 | CT Header - 12P          |                   |
| 109       | 1102 4212 | CT Header - 15P          |                   |
| 110       | 1102 4624 | CT Connector - 7P        |                   |
| 111       | 1102 5007 | CT Header - 14P          |                   |
| 112       | 1102 6301 | Connector - 8P           |                   |
| 113       | 1102 6302 | Connector - 9P           |                   |
| 114       | 1102 6957 | Connector - 14P BLUE     |                   |
| 115       | 1104 0351 | Fuse Holder              |                   |
| 116       | 1104 0588 | Dip Socket - 28P         |                   |
| 117       | 1107 0884 | Fuse - 5A 250V           |                   |
| 118       | 1204 2368 | Dip Switch - DSS804      |                   |
| 119       | 1400 0856 | Transistor - 2SC3928A    |                   |
| 120       | 1401 0944 | IC - MOSFET-2SK1062      |                   |
| 121       | 1402 0596 | Diode-array - DAP202K    |                   |
| 122       | 1403 0308 | LED - Red - TLR102A      |                   |
| 123       | 1407 1596 | TTLIC - SN74LS14NS       |                   |
| 124       | 1407 1772 | IC - SN74HC04NS          |                   |
| 125       | 1407 2187 | TTLIC - SN74LS07NS       |                   |
| 126       | 1407 2231 | IC - TD62308AF           |                   |
| 127       | 1407 3394 | IC - SN74HC541NS         |                   |
| 128       | 1407 4754 | IC - HD6413002F16        |                   |
| 129       | 1408 0611 | IC - 3771                |                   |
| 130       | 1408 1287 | IC - SI-8501L            |                   |
| 131       | 1408 1394 | IC - STK672-110          |                   |
| 132       | 1408 1503 | IC - STK672-080          |                   |
| 133       | 1503 0214 | Oscillator - 11.0592MHz  |                   |
| 134       | 1605 1153 | Capacitor - 16pF ±5% 50V |                   |
| 135       | 1607 0093 | Coil                     |                   |



11.Decal and Documents

|                                                                                           |                                                                                          |                                                                                            |                                                                                          |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1<br>    | 2<br>   | 3<br>   | 7<br> |
| 4<br>   | 5<br> | 8<br> |                                                                                          |
| 6<br> |                                                                                          |                                                                                            |                                                                                          |



| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | A054 2977 | Decal - Vertical Transport Guide | 1                 |
| 2         | A858 6022 | Decal Blue                       | 1                 |
| 3         | G564 6086 | Decal - Exposure Glass           | 1                 |
| 4         | G564 6021 | Decal - Original Size            | 1                 |
| 5         | B351 6011 | Decal - Original Table           | 1                 |
| 6         | G564 6021 | Decal - Original Size            | 1                 |
| 7         | G564 6041 | Decal - Exit Misfeed Removal     | 1                 |
| 8         | B351 6041 | Decal - Misfeed Removal - Exit   | 1                 |

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

# Parts Index

## PM Parts Index

| Section Name | Part No.  | Description in Service Manual | Description in Parts Catalog | Q'ty Per Assembly | Page and Index No. |
|--------------|-----------|-------------------------------|------------------------------|-------------------|--------------------|
| ARDF3 (B541) | A859 2241 | Reverse Roller                | Reverse Roller               | 1                 | 9- 17              |
| ARDF4 (B541) | B351 2222 | Paper Feed Belt               | Paper Feed Belt              | 1                 | 11- 14             |
|              | B351 2126 | Pickup Roller                 | Pickup Roller                | 1                 | 11- 15             |

## Parts Index

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| B541 1111 | Side Plate:Front:Ass'y                       | 21 - 12            |
| B541 1121 | Side Plate:Rear:Ass'y                        | 21 - 11            |
| B541 1131 | Stay:Left:Ass'y                              | 13 - 2             |
| B541 1142 | Stay:Middle                                  | 21 - 2             |
| B541 1146 | Supporting Plate:Side Plate:Rear             | 17 - 14            |
| B541 1153 | Right Stay                                   | 21 - 13            |
| B541 1161 | Stay:Paper Feed:Ass'y                        | 9 - 20             |
| B541 1181 | Bracket:Guide:Harness                        | 19 - 17            |
| B541 1192 | Bracket:Sensor:Open And Close                | 19 - 16            |
| B541 1211 | Hinge:Left:Ass'y                             | 17 - 18            |
| B541 1221 | Hinge:Right:Ass'y                            | 19 - 18            |
| B541 1321 | Stud:Contact Point:Guide:Ass'y               | 11 - 21            |
| B541 1335 | Bracket:Sensor:Paper Feed                    | 17 - 11            |
| B541 1611 | Side Plate:Drive:Auxiliary                   | 17 - 5             |
| B541 1621 | Bracket:Motor:Paper Feed                     | 17 - 19            |
| B541 1641 | Stay:Motor:Paper Feed                        | 17 - 20            |
| B541 1661 | Bracket:Pickup:Drive:Ass'y                   | 19 - 14            |
| B541 1671 | Bracket:Photointerruptor:Stopper:Paper Feed  | 19 - 12            |
| B541 1691 | Stopper:Spring Clutch:Pull Out               | 17 - 13            |
| B541 1912 | Bracket:Motor:Scanning:Reverse               | 17 - 26            |
| B541 1932 | Bracket:Scanning:Link                        | 17 - 27            |
| B541 1951 | Bracket:Tightener:Scanning:Ass'y             | 15 - 22            |
| B541 3115 | Guide:Cover:Paper Feed                       | 7 - 25             |
| B541 3165 | Bracket:Paper Size Sensor                    | 7 - 10             |
| B541 3171 | Bracket:Pressure Plate:Pull Out              | 7 - 15             |
| B541 3311 | Guide Plate:Scanning:Ass'y                   | 13 - 12            |
| B541 3332 | Guide Plate:Scanning:Outer                   | 13 - 7             |
| B541 3351 | Roller:Scanning                              | 13 - 10            |
| B541 3635 | Supporting Plate:Paper Exit Unit:Lower:Ass'y | 15 - 16            |
| B541 3649 | Anchor:Spring:Hook                           | 21 - 3             |
| B541 3701 | Roller:Exit:Drive                            | 15 - 18            |
| B541 3721 | Guide Plate:Exit:Upper:Welding               | 21 - 8             |
| B541 3861 | DC Solenoid:Reverse:Outer:Ass'y              | 9 - 27             |
| B541 3912 | Guide Plate:Reverse:Lower                    | 21 - 1             |
| B541 3952 | Bracket:Sensor:Reverse                       | 9 - 14             |

| Part No.  | Description                        | Page and Index No. |
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| B541 4123 | Original Table                     | 5 - 4              |
| B541 4133 | Original Table:Behind              | 5 - 10             |
| B541 5100 | PCB:Main Control                   | 23 - *             |
| B541 5100 | Pcb:Main Control                   | 19 - 5             |
| B541 5103 | Eprom:Main Control                 | 19 - 7             |
| B541 5103 | EPROM:Main Control                 | 23 - 1             |
| B541 5201 | Harness:Interface:Ass'y            | 19 - 6             |
| B541 5210 | Harness:Sensor:Registration        | 19 - 1             |
| B541 5220 | Harness:Sensor:Original Sensor     | 19 - 2             |
| B541 5220 | Harness:Sensor:Original Sensor     | 9 - 19             |
| B541 5230 | Harness:Sensor:Lift-up             | 19 - 29            |
| B541 5260 | Harness:Solenoid:Stamp             | 19 - 3             |
| B541 5270 | Harness:Earth:Paper Exit Unit      | 15 - 17            |
| B541 5280 | Harness:Motor:Paper Feed           | 19 - 4             |
| B541 5290 | Harness:Motor:Pick Up              | 19 - 28            |
| B541 5310 | Harness:Connecting:Registration    | 7 - 12             |
| B541 5320 | Harness:Connecting:Exit            | 19 - 30            |
| B541 5330 | Harness:Connecting:Original Sensor | 5 - 6              |
| B541 6011 | Decal:Display:Original Table       | 5 - 5              |

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| A054 2977 | Decal - Vertical Transport Guide  | 25 - 1             |
| A247 2900 | Torque Limiter - 53MNXM           | 9 - 16             |
| A334 4678 | Rack Shield Mylar                 | 19 - 31            |
| A376 1465 | Feed Roller Bushing               | 9 - 36             |
| A376 4599 | Side Fence Pad                    | 5 - 3              |
| A376 4911 | Stepped Screw - Left Hinge        | 5 - 16             |
| A458 2251 | Cushion - Bin Solenoid Lever      | 9 - 38             |
| A548 2343 | Clutch Stopper                    | 19 - 21            |
| A628 1225 | Bushing - 8mm                     | 11 - 24            |
| A680 1371 | Rear Fixing Bracket - Left Cover  | 7 - 2              |
| A680 1375 | Front Fixing Bracket - Left Cover | 7 - 22             |
| A680 1865 | Shaft - Belt Guide Roller         | 11 - 17            |
| A680 2241 | Pulley - 18T                      | 19 - 25            |
| A680 2251 | Gear - 17Z                        | 19 - 8             |
| A680 2261 | Gear - 24Z                        | 19 - 23            |
| A680 3161 | Driven Roller                     | 9 - 8              |
| A697 1125 | Stepped Screw - Lever             | 15 - 26            |
| A858 4671 | Roller Driven                     | 5 - 9              |
| A858 4676 | Spring Plate Pressure Roller      | 5 - 8              |
| A858 6022 | Decal Blue                        | 11 - 6             |
| A858 6022 | Decal Blue                        | 25 - 2             |
| A859 1841 | Filler DF Open Sensor             | 19 - 19            |
| A859 2230 | Ball Bearing - 6x13x5             | 9 - 32             |
| A859 2230 | Ball Bearing - 6x13x5             | 17 - 3             |
| A859 2230 | Ball Bearing - 6x13x5             | 17 - 30            |
| A859 2241 | Reverse Roller                    | 9 - 17             |
| B351 1135 | Arm - Driven Roller               | 13 - 4             |
| B351 1136 | Driven Roller - Scanning          | 13 - 5             |
| B351 1137 | Shaft - Driven Roller             | 13 - 6             |
| B351 1196 | Sensor Feeler                     | 17 - 17            |
| B351 1626 | Stopper - Gear                    | 17 - 4             |
| B351 1651 | Stopper - Separation Shaft        | 17 - 1             |
| B351 1711 | Timing Pulley - 30Z               | 17 - 6             |
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