

**Model SH-MF1  
(M052/M053/M054)  
PARTS CATALOG**

**First edition, July 2011**

**Ricoh Company, LTD.**

**Model SH-MF1 (M052/M053/M054)**

**PARTS CATALOG**

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

|                                      |                         |
|--------------------------------------|-------------------------|
| <b>Model SH-MF1</b>                  | <b>(M052/M053/M054)</b> |
| <b>Paper Feed Unit TK1090/TK1100</b> | <b>(M375/M376)</b>      |
| <b>Controller Option</b>             | <b>(M052/M053/M054)</b> |

Model SH-MF1  
(M052/M053/M054)

## Model SH-MF1 (M052/M053/M054)

### PARTS CATALOG

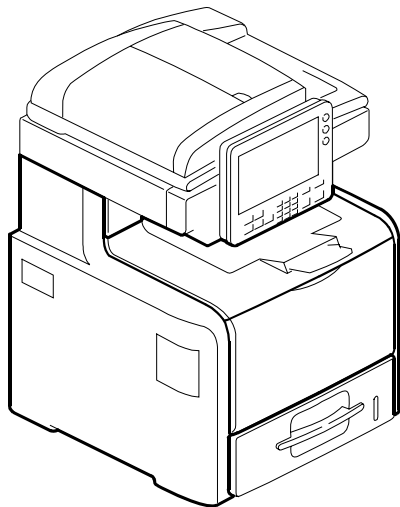
This catalog gives the numbers and names of parts on this machine.

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July 25, 2011

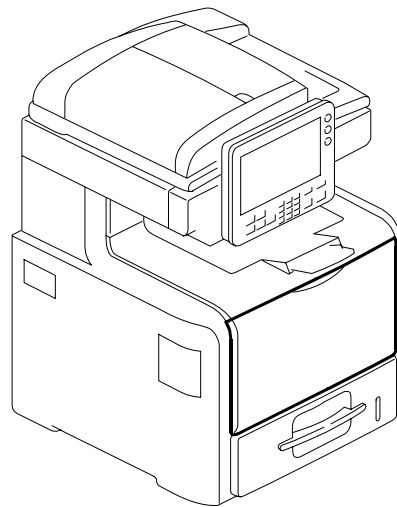
## LOCATIONS OF UNITS

1. Exterior 1 (M052/M053/M054)



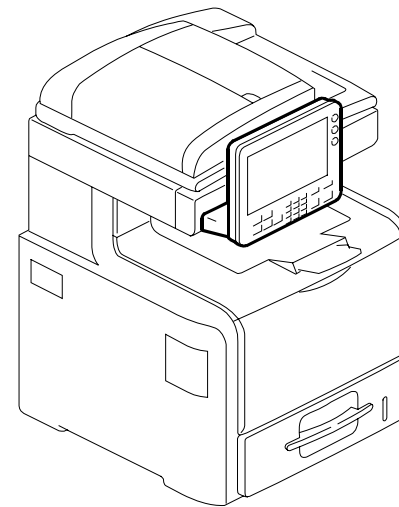
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2. Exterior 2 (M052/M053/M054)



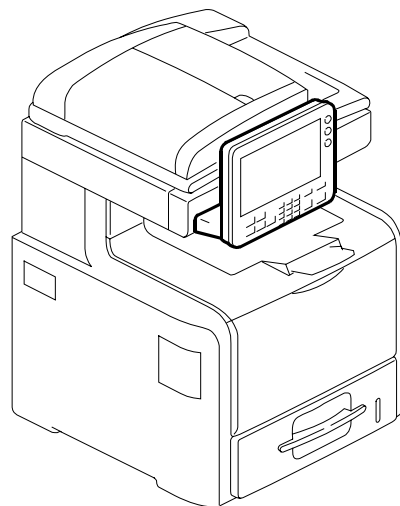
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3. Operation Panel 1 (M052/M053/M054)



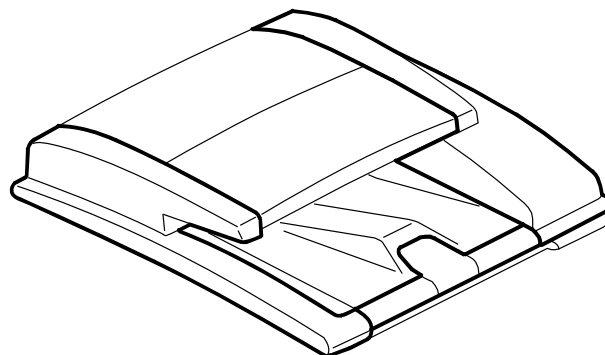
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4. Operation Panel 2 (M052/M053/M054)



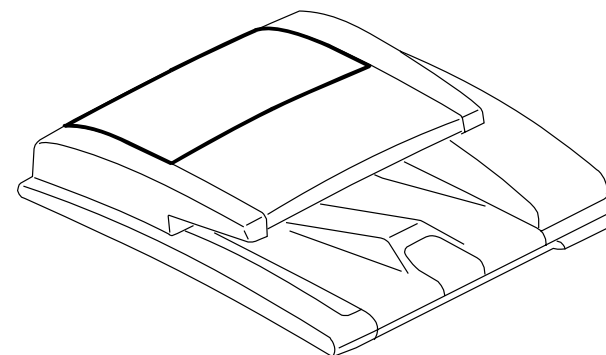
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5. ADF Section 1 (M052/M053/M054)



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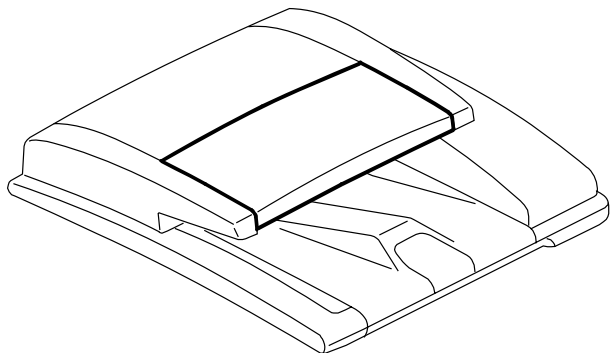
6. ADF Section 2 (M052/M053/M054)



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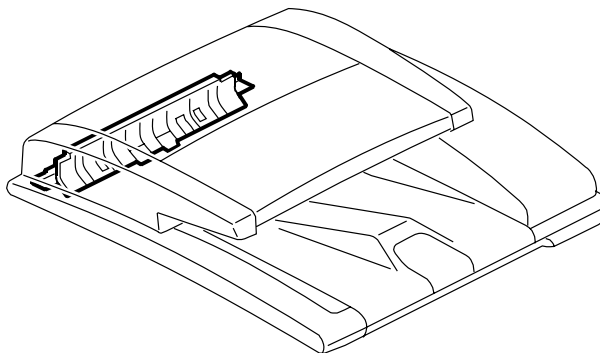
## LOCATIONS OF UNITS

7. ADF Section 3 (M052/M053/M054)



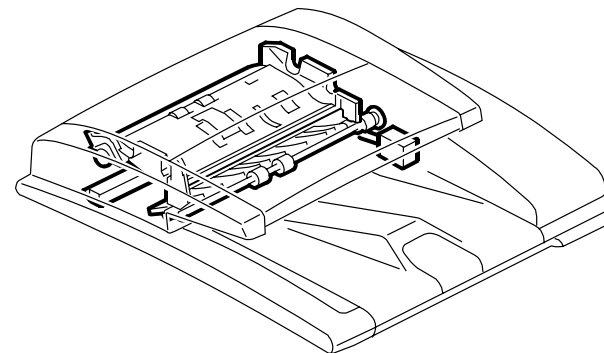
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8. ADF Section 4 (M052/M053/M054)



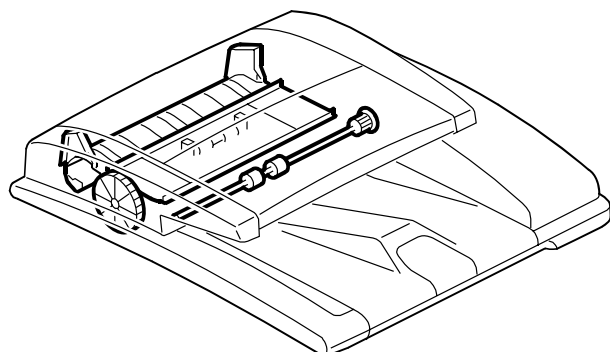
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9. ADF Section 5 (M052/M053/M054)



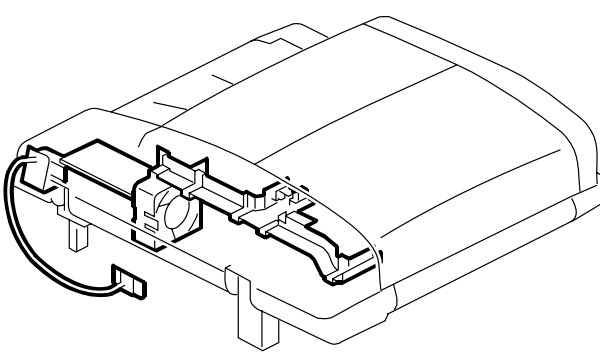
See Page 27

10. ADF Section 6 (M052/M053/M054)



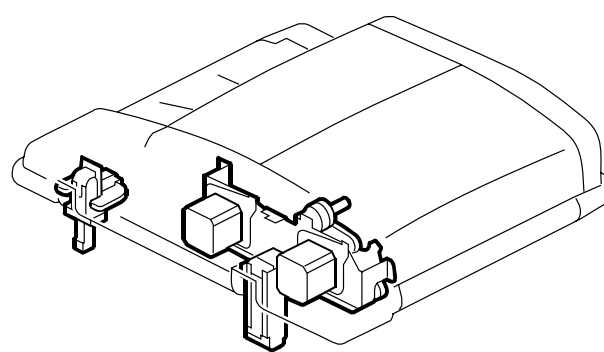
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11. ADF Section 7 (M052/M053/M054)



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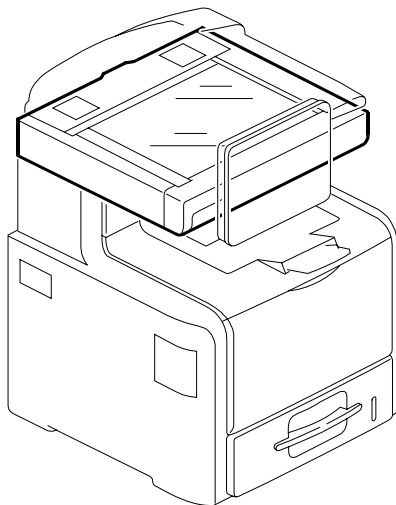
12. ADF Section 8 (M052/M053/M054)



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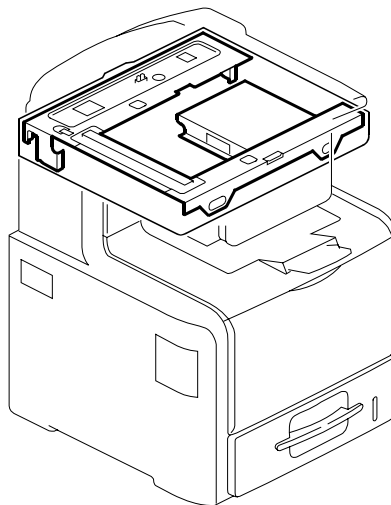
## LOCATIONS OF UNITS

13. Scanner section 1 (M052/M053/M054)



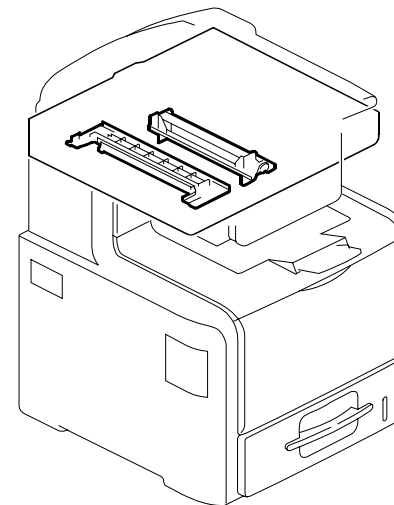
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14. Scanner section 2 (M052/M053/M054)



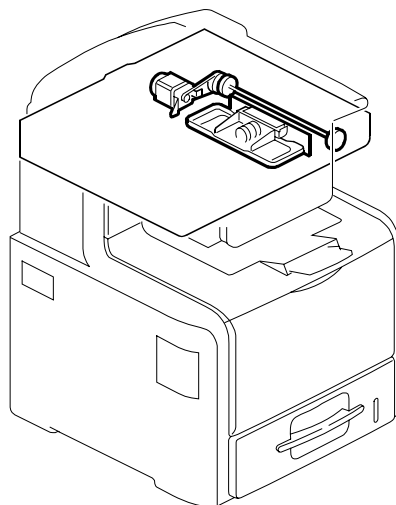
See Page 37

15. Scanner section 3 (M052/M053/M054)



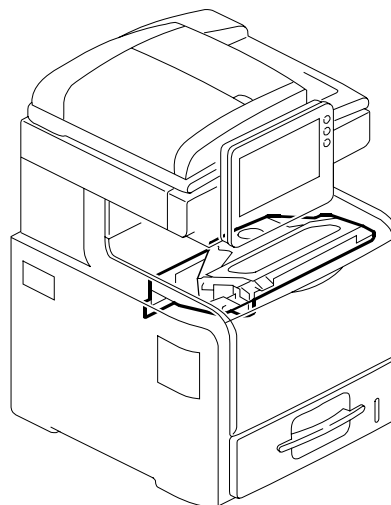
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16. Scanner section 4 (M052/M053/M054)



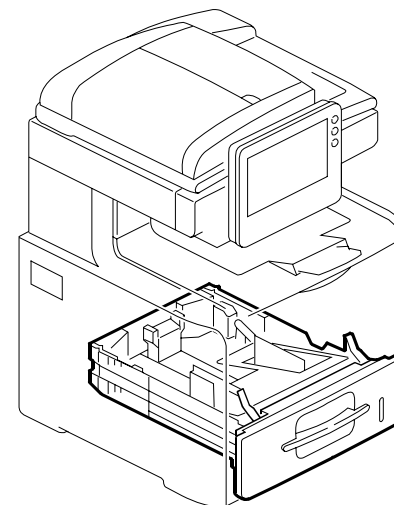
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17. Laser Unit (M052/M053/M054)



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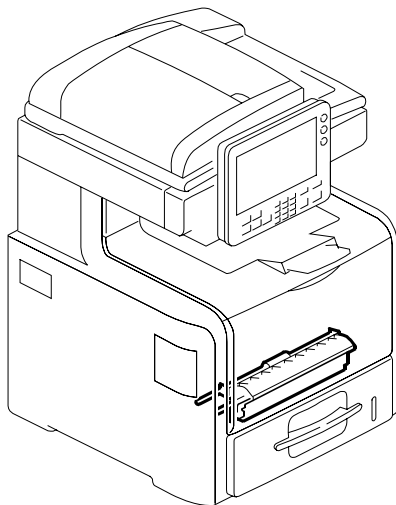
18. Paper Tray (M052/M053/M054)



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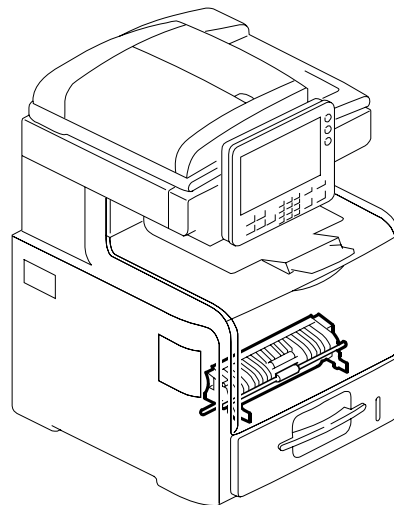
## LOCATIONS OF UNITS

19. Paper Feed 1 (M052/M053/M054)



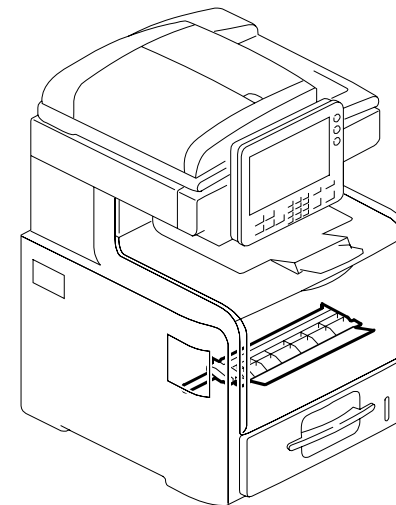
See Page 47

20. Paper Feed 2 (M052/M053/M054)



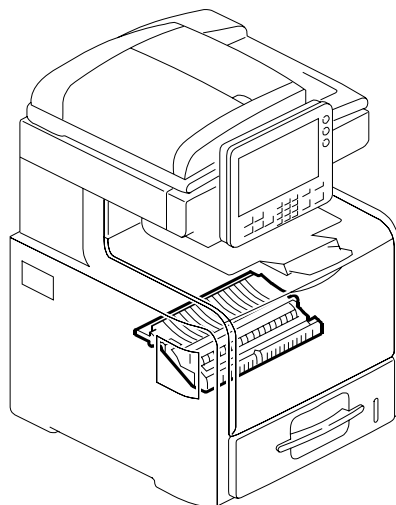
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21. Paper Resist (M052/M053/M054)



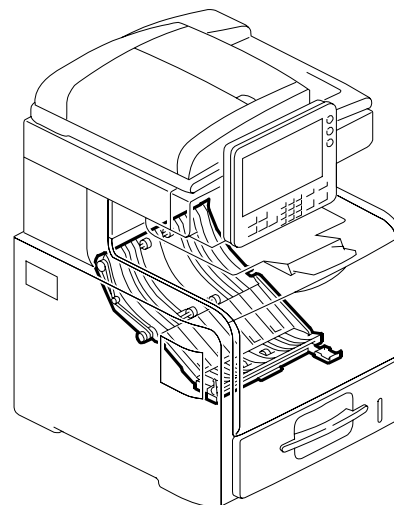
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22. Paper Transfer 1 (M052/M053/M054)



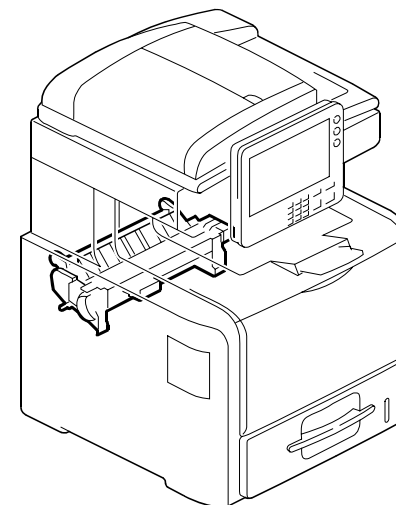
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23. Paper Transfer 2 (M052/M053/M054)



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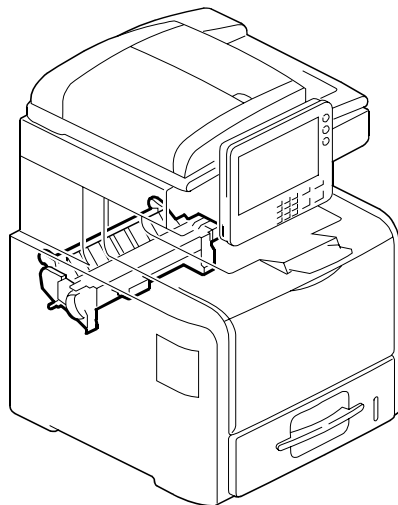
24. Fusing Unit 1 (M052/M053/M054)



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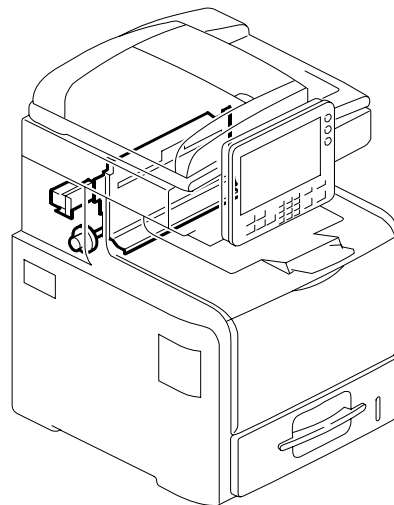
## LOCATIONS OF UNITS

25. Fusing Unit 2 (M052/M053/M054)



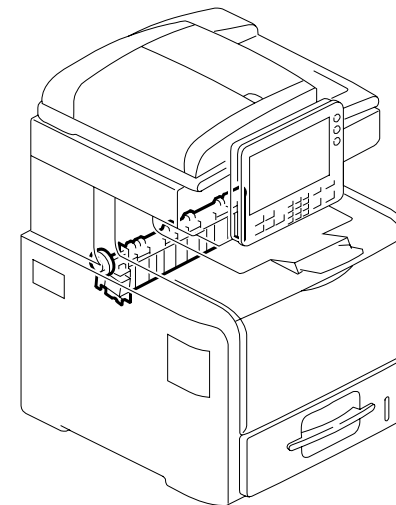
See Page 59

26. Paper Exit 1 (M052/M053/M054)



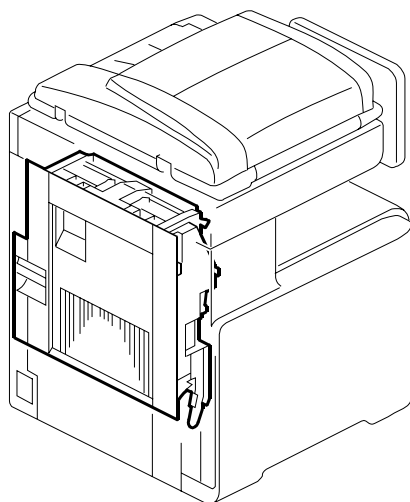
See Page 61

27. Paper Exit 2 (M052/M053/M054)



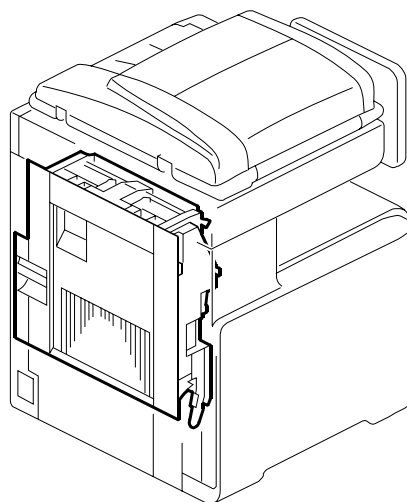
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28. Duplex Unit 1 (M052/M053/M054)



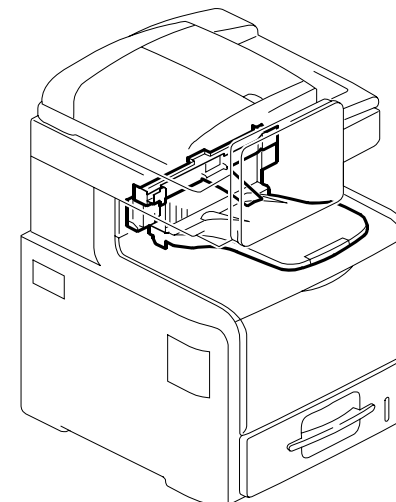
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29. Duplex Unit 2 (M052/M053/M054)



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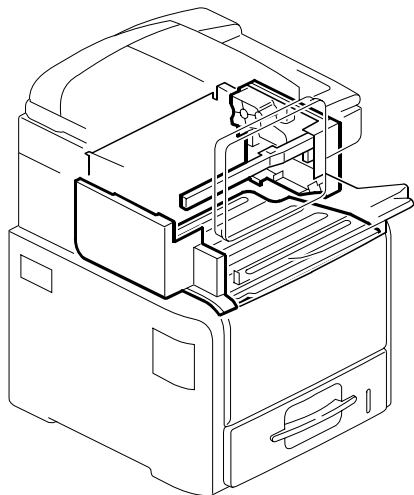
30. 1bin Tray (M052/M053/M054)



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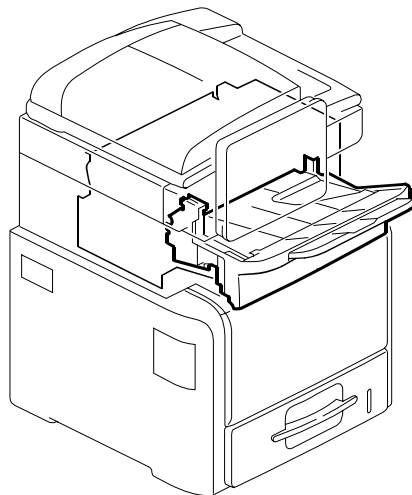
## LOCATIONS OF UNITS

31. Finisher Section 1 (M052/M053/M054)



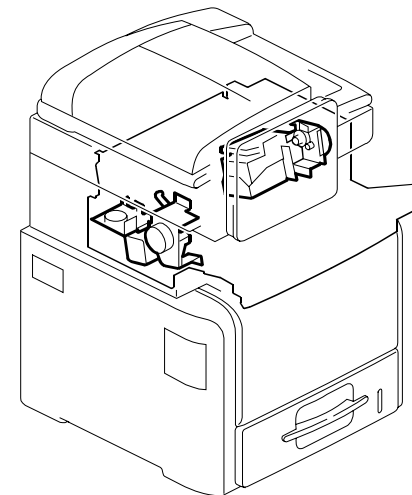
See Page 71

32. Finisher Section 2 (M052/M053/M054)



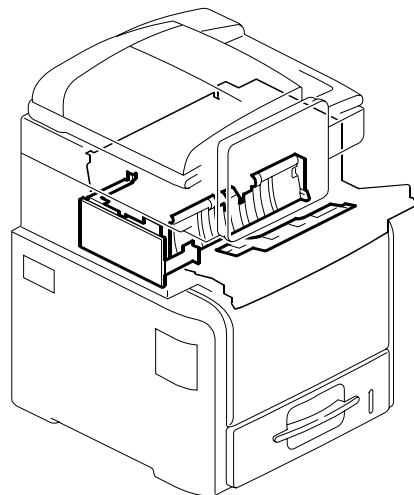
See Page 73

33. Finisher Section 3 (M052/M053/M054)



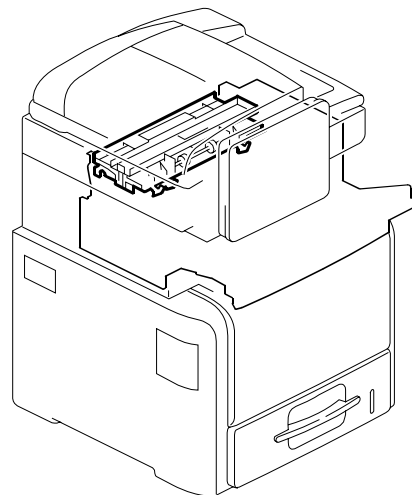
See Page 75

34. Finisher Section 4 (M052/M053/M054)



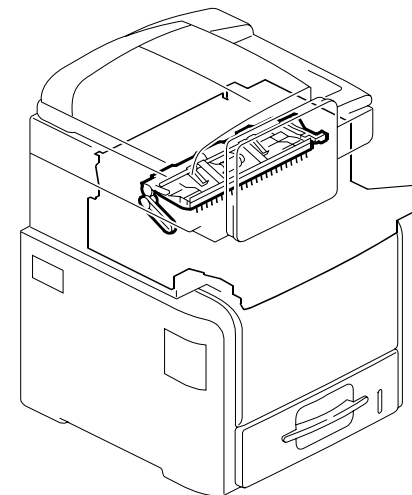
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35. Finisher Section 5 (M052/M053/M054)



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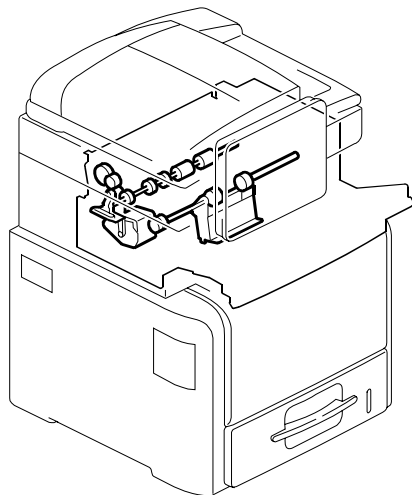
36. Finisher Section 6 (M052/M053/M054)



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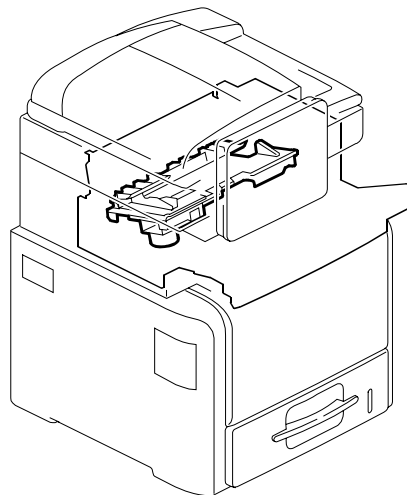
## LOCATIONS OF UNITS

37. Finisher Section 7 (M052/M053/M054)



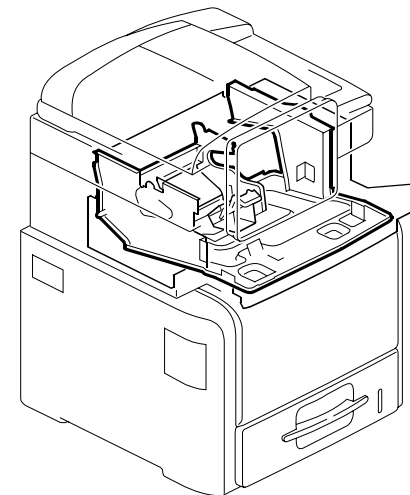
See Page 83

38. Finisher Section 8 (M052/M053/M054)



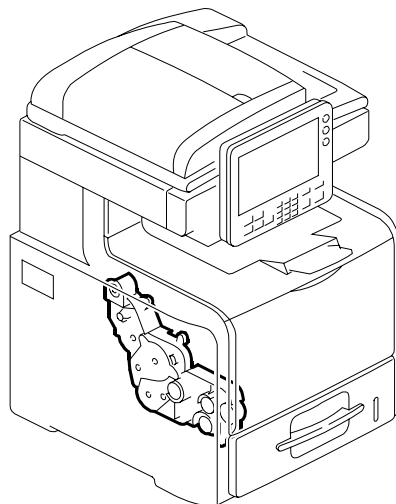
See Page 85

39. Finisher Section 9 (M052/M053/M054)



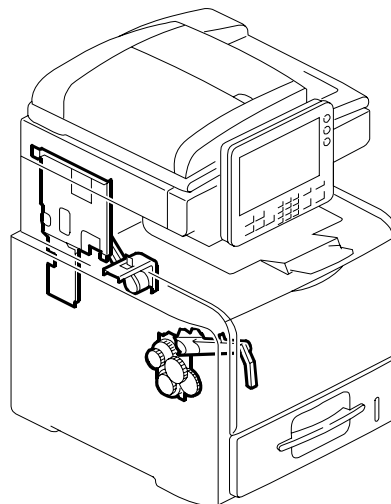
See Page 87

40. Drive Section 1 (M052/M053/M054)



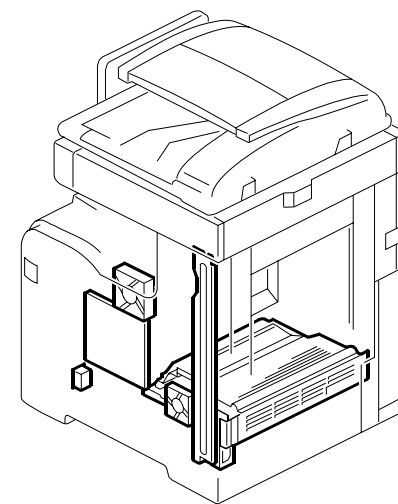
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41. Drive Section 2 (M052/M053/M054)



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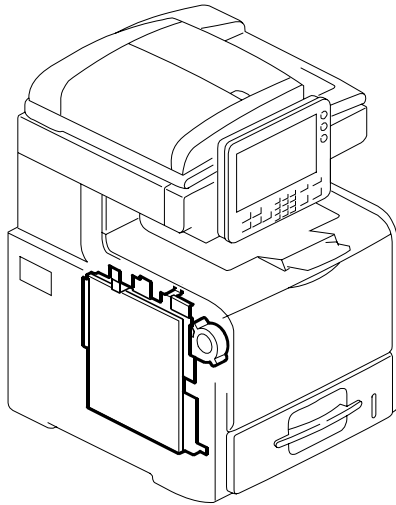
42. Electrical Section 1 (M052/M053/M054)



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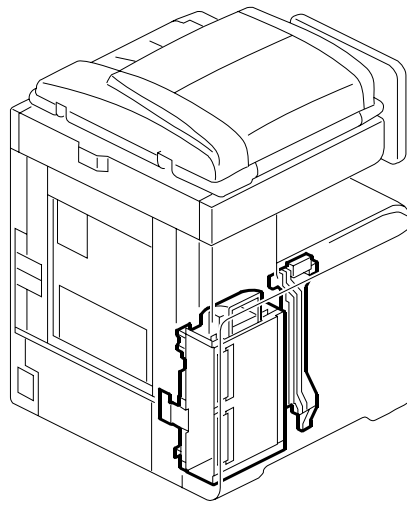
## LOCATIONS OF UNITS

43. Electrical Section 2 (M052/M053/M054)



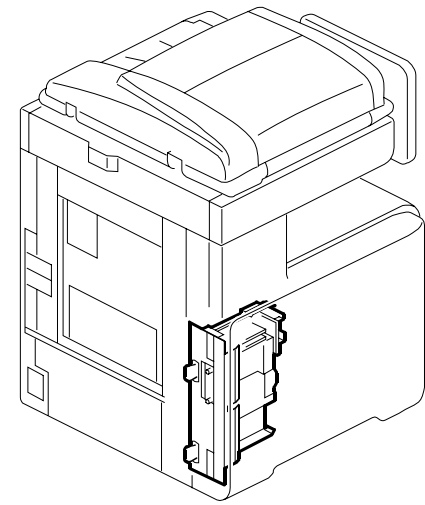
See Page 95

44. Electrical Section 3 (M052/M053/M054)



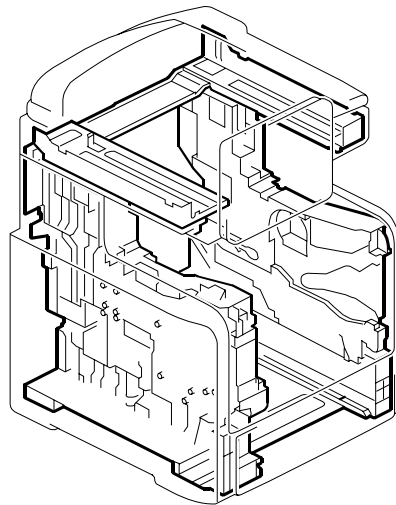
See Page 97

45. Controller Unit (M052/M053/M054)



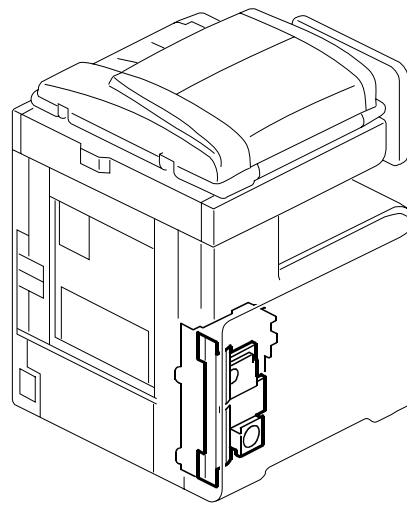
See Page 99

46. Frame Section (M052/M053/M054)



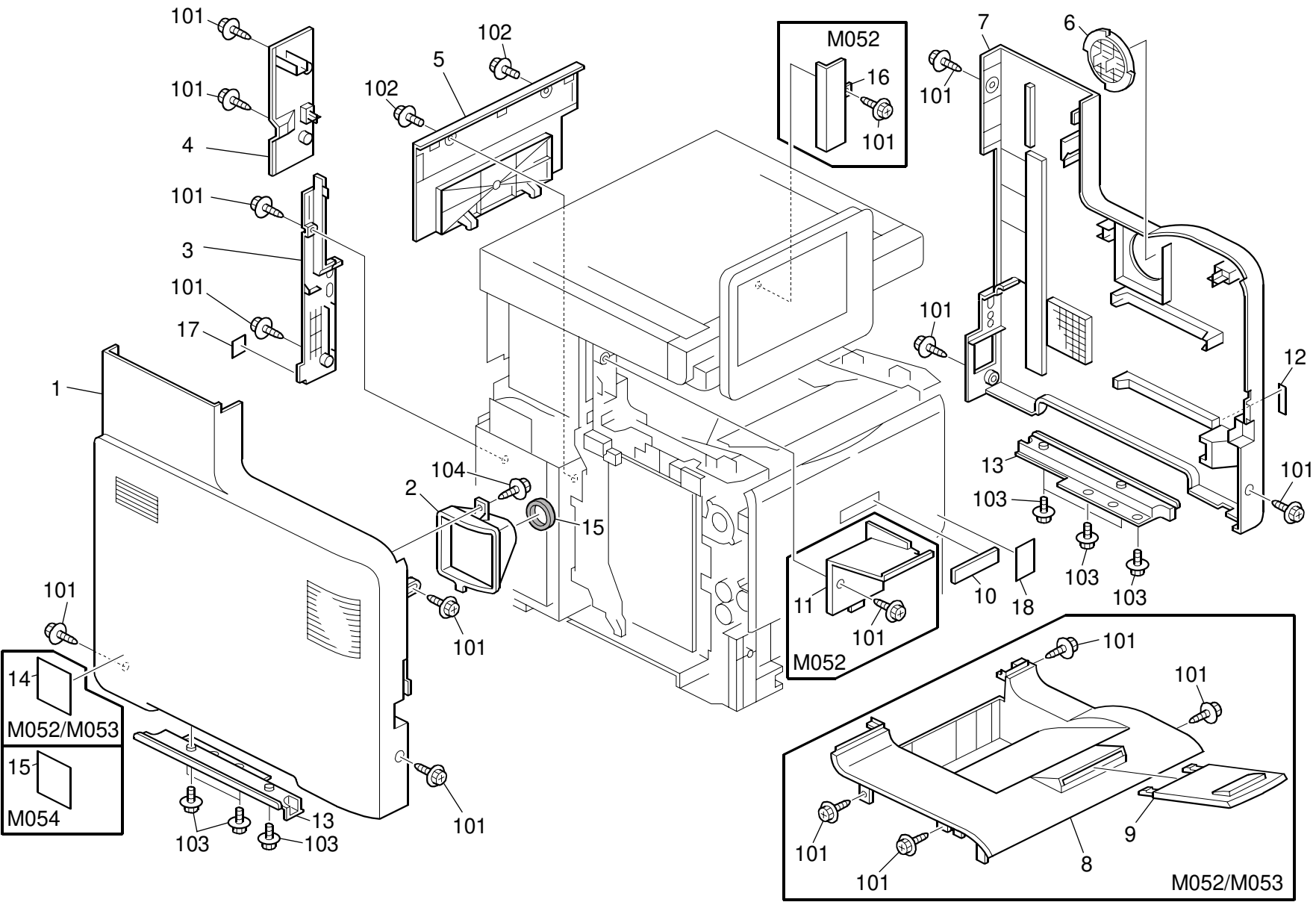
See Page 101

47. Fax Unit (M052/M053/M054)



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1.Exterior 1 (M052/M053/M054)

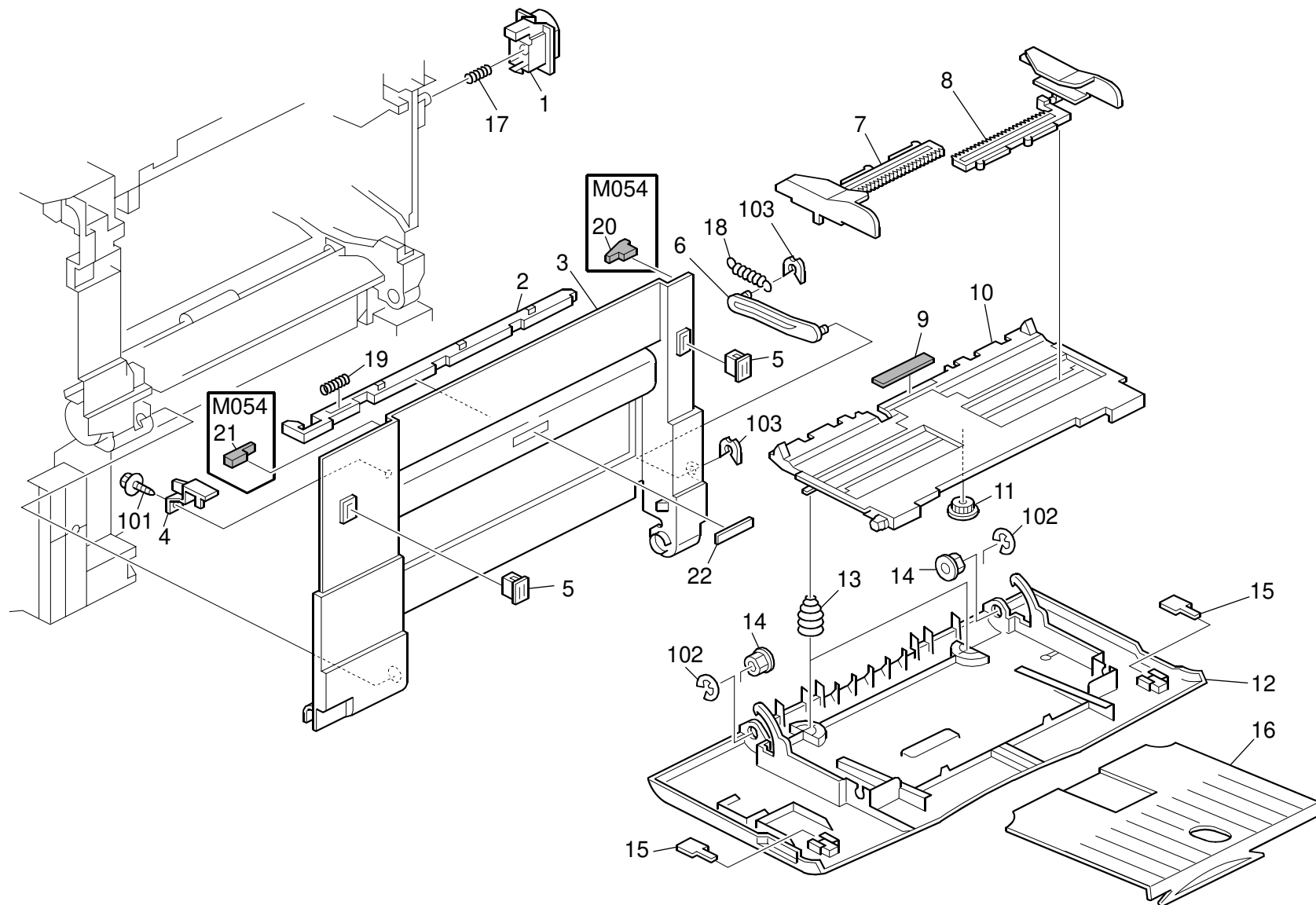


## 1.Exterior 1 (M052/M053/M054)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | M052 1718 | Cover:Left:NA                   | 1                 |
| 1         | M052 1719 | Cover:Left:EU                   | 1                 |
| 2         | M052 1263 | Duct:Cover:Left                 | 1                 |
| 3         | M052 1736 | Cover:CTL:Rear Left:NA          | 1                 |
| 3         | M052 1735 | Cover:CTL:Rear Left:EU          | 1                 |
| 4         | M052 1746 | Cover:CTL:Rear Left:Upper:NA    | 1                 |
| 4         | M052 1745 | Cover:CTL:Rear Left:Upper:EU    | 1                 |
| 5         | M052 5131 | Cover:Power Supply Unit:Rear    | 1                 |
| 6         | M052 1282 | Louver                          | 1                 |
| 7         | M052 1717 | Cover:Right:NA                  | 1                 |
| 7         | M052 1721 | Cover:Right:EU                  | 1                 |
| 8         | M052 1726 | Cover:Upper:NA                  | 1                 |
| 8         | M052 1725 | Cover:Upper:EU                  | 1                 |
| 9         | M052 1775 | Extention Tray:Exit:EU          | 1                 |
| 9         | M052 1776 | Extention Tray:Exit:NA          | 1                 |
| 10        | M052 1210 | Plate:Logo:RIC                  | 1                 |
| 11        | M052 1731 | Cover:Left:Upper:EU:M052        | 1                 |
| 11        | M052 1732 | Cover:Left:Upper:NA/AA          | 1                 |
| 12        | M052 6934 | Decal:Main Switch:NA            | 1                 |
| 12        | M052 6935 | Decal:Main Switch:EU            | 1                 |
| 13        | M052 2009 | Cover:Handle                    | 2                 |
| 14        | M052 6939 | Decal:Caution:Weight:MF         | 1                 |
| 14        | M052 6940 | Decal:Caution:Weight:μFFinisher | 1                 |
| 15        | M052 1264 | Cushion:Duct:MF                 | 1                 |
| 16        | M052 1741 | Cover:Right:Upper:EU            | 1                 |
| 16        | M052 1742 | Cover:Right:Upper:NA            | 1                 |
| 17        | B121 7450 | Decal:WEEE:EU                   | 1                 |
| 18        | GA00 3245 | Decal:Energy Star:PS3:ABS       | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8  |                   |
| 102       | 0360 3006N | Screw - M3x6          |                   |
| 103       | 0451 3006N | Screw:Flange:M3.0x6   |                   |
| 104       | 0450 3010N | Tapping Screw - M3x10 |                   |

## 2.Exterior 2 (M052/M053/M054)

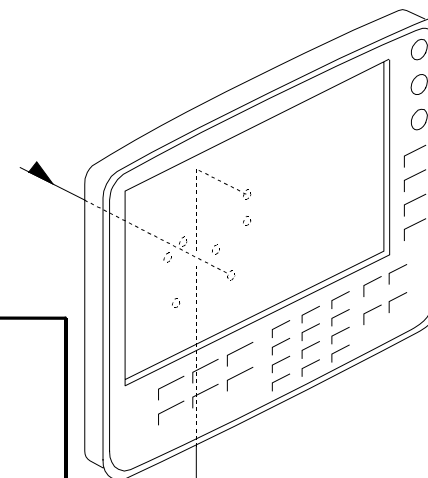
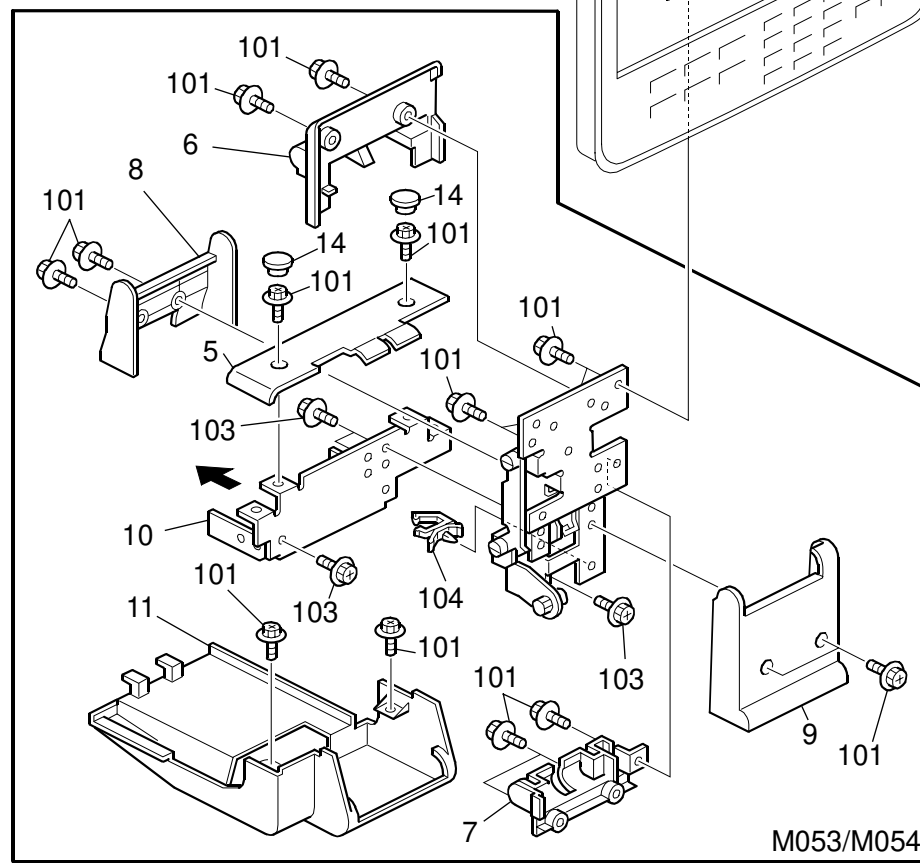
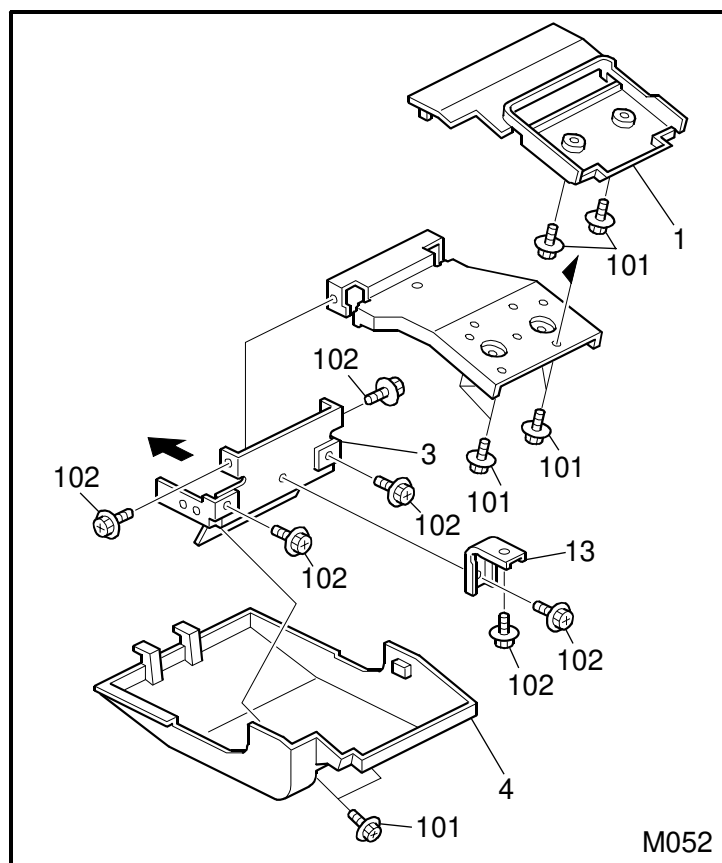
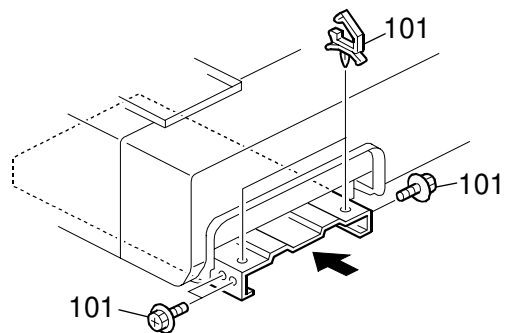


## 2.Exterior 2 (M052/M053/M054)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | M052 1268 | Button:Door:Lever             | 1                 |
| 2         | M052 1250 | Lever:Door                    | 1                 |
| 3         | M052 1712 | Door:Front:NA                 | 1                 |
| 3         | M052 1711 | Door:Front:EU                 | 1                 |
| 4         | M052 1254 | Feeler:Shutter                | 1                 |
| 5         | AA02 1031 | Magnetic Catch                | 2                 |
| 6         | M052 2026 | Link:Door:Front               | 1                 |
| 7         | M021 2753 | Side Fence:Manual Feed:Left   | 1                 |
| 8         | M021 2752 | Side Fence:Manual Feed:Right  | 1                 |
| 9         | G555 3069 | Pad:Base                      | 1                 |
| 10        | M021 2751 | Base:Manual Feed              | 1                 |
| 11        | M021 2758 | Gear:Side Fence               | 1                 |
| 12        | M052 2757 | Cover:Front:NA                | 1                 |
| 12        | M052 2756 | Cover:Front:EU                | 1                 |
| 13        | G052 3278 | Spring - Bypass               | 2                 |
| 14        | M021 2771 | Hinge:Cover:Manual Feed       | 2                 |
| 15        | B039 1361 | Magnet Catch                  | 2                 |
| 16        | M052 2755 | Extension Tray:Manual Feed    | 1                 |
| 17        | M021 1256 | Coil Spring:Button:Door       | 1                 |
| 18        | M052 2028 | Coil Spring:Link              | 1                 |
| 19        | M052 2027 | Compression Spring:Door:Lever | 1                 |
| 20        | M054 2021 | Cushion:Door:Right            | 1                 |
| 21        | M054 2022 | Cushion:Door:Left             | 1                 |
| 22        | M052 1211 | Decal:Logo:RIC                | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 102       | 0720 0080G | C-ring - M8          |                   |
| 103       | 0805 0089  | Retaining Ring - M4  |                   |

### 3.Operation Panel 1 (M052/M053/M054)

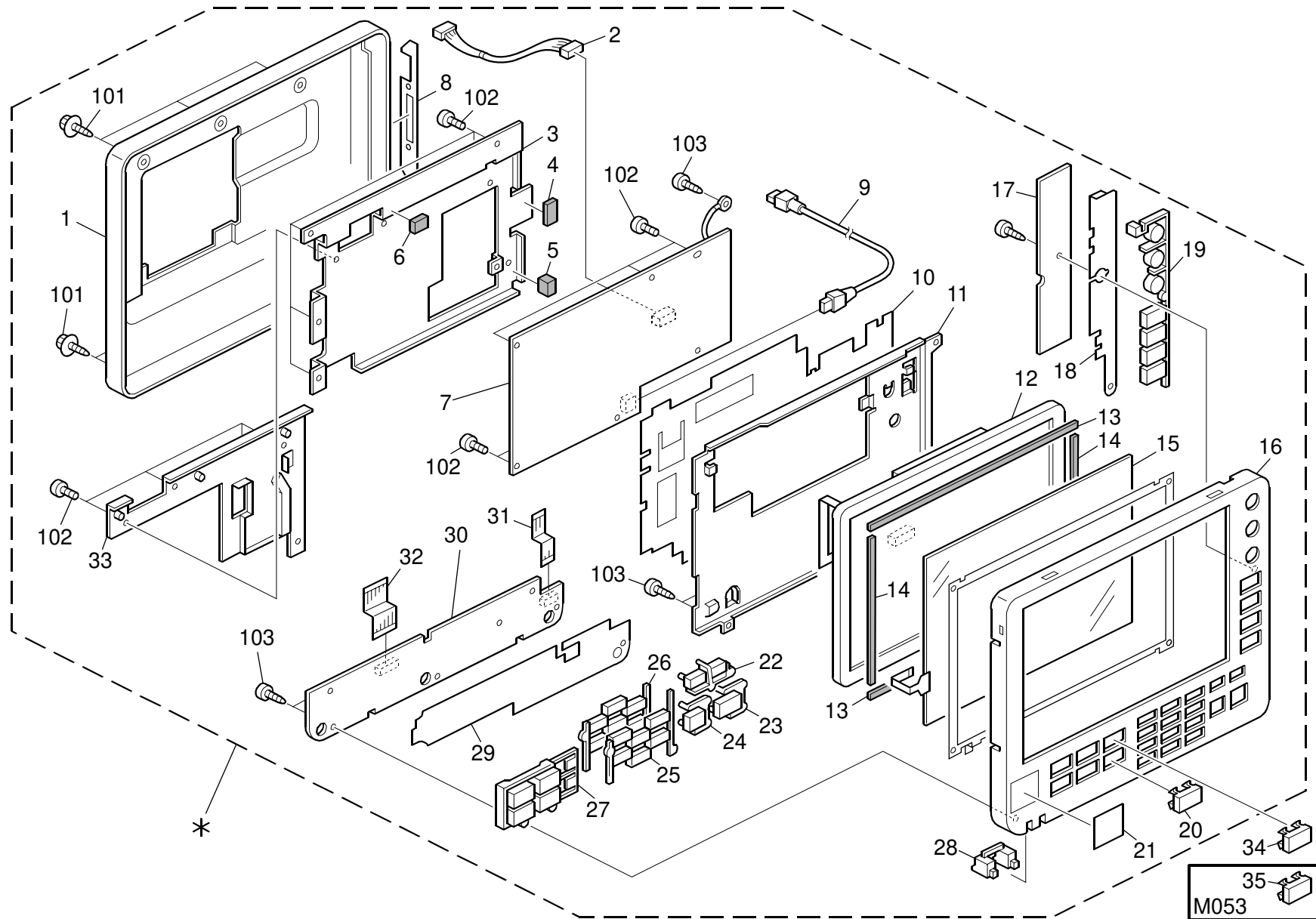


### 3.Operation Panel 1 (M052/M053/M054)

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 1         | M052 1593 | Cover:Operation Panel:Upper:M052         | 1                 |
| 2         | M052 1592 | Bracket:Operation Sub-unit:MF1A          | 1                 |
| 3         | M052 1591 | Bracket:Supporter:Operation Panel:B:M052 | 1                 |
| 4         | M052 1594 | Cover:Operation Panel:Lower:M052         | 1                 |
| 5         | M054 1595 | Cover:Operation Panel:Upper:M053         | 1                 |
| 6         | M054 1591 | Cover:Operation Panel:A                  | 1                 |
| 7         | M054 1592 | Cover:Operation Panel:B                  | 1                 |
| 8         | M054 1593 | Cover:Tilt:Upper                         | 1                 |
| 9         | M054 1594 | Cover:Tilt:Lower                         | 1                 |
| 10        | M054 1597 | Bracket:Supporter:Operation Panel:B:M053 | 1                 |
| 11        | M054 1596 | Cover:Operation Panel:Lower:M053         | 1                 |
| 12        | M054 1590 | Hinge:Ass'y                              | 1                 |
| 13        | M052 1595 | Bracket:Support:OP:C                     | 1                 |
| 14        | M054 1598 | Cap:Cover:OP                             | 2                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6 |                   |
| 102       | 0360 4006N | Screw - M4x6        |                   |
| 103       | 0451 4008N | Tapping Screw:4x8   |                   |
| 104       | 1105 0487  | Harness Clamp       |                   |

## 4.Operation Panel 2 (M052/M053/M054)

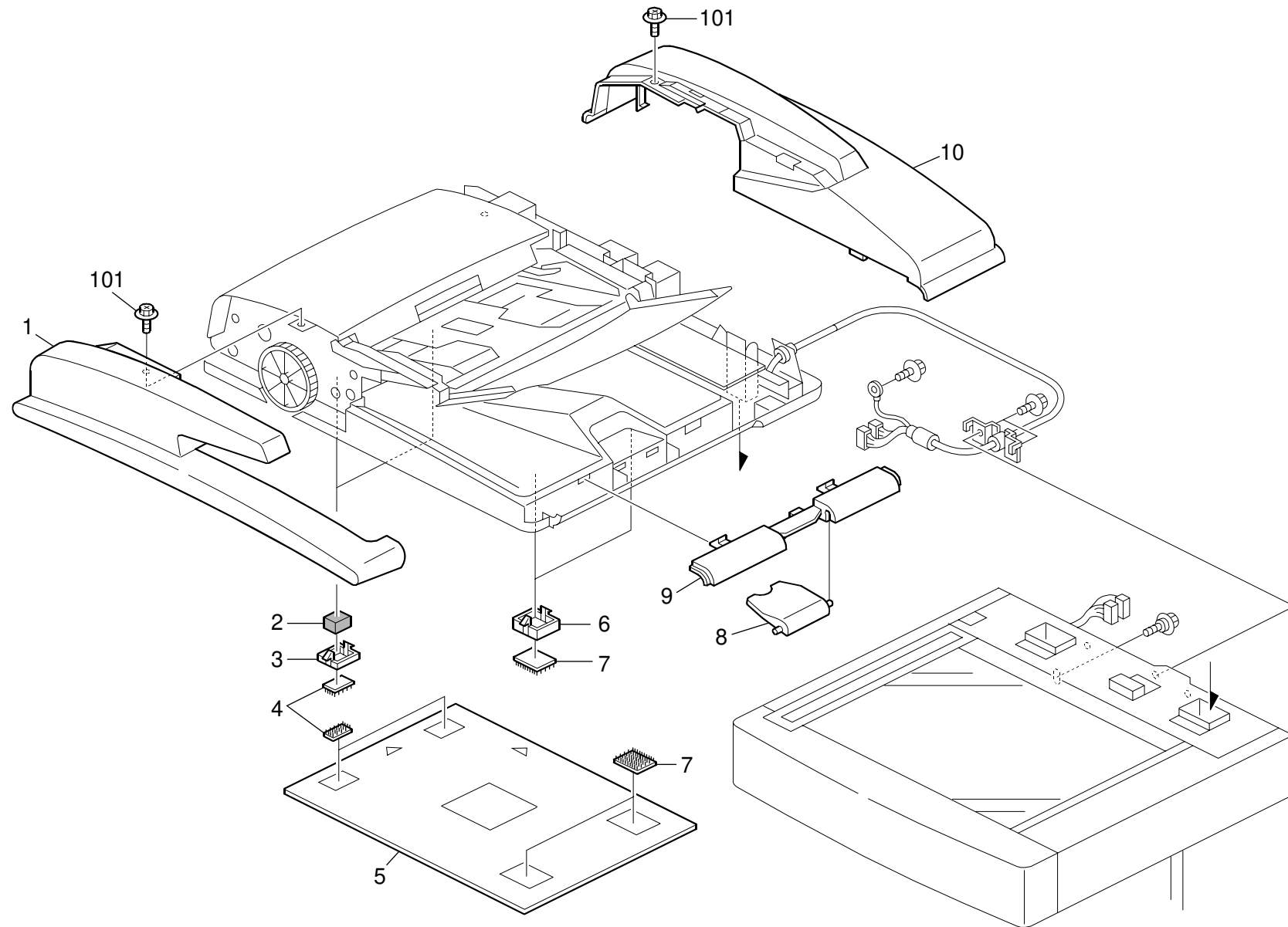


#### 4.Operation Panel 2 (M052/M053/M054)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| *         | M052 1411 | Operation Panel:EU:Ass'y           | 1                 |
| *         | M052 1412 | Operation Panel:AA:Ass'y           | 1                 |
| *         | M052 1420 | Operation Sub-unit:SNK-GW:NA:Ass'y | 1                 |
| 1         | M026 1570 | Cover:Rear:SNK                     | 1                 |
| 2         | M052 1480 | Harness:Joint:Power Source         | 1                 |
| 3         | M026 1572 | M0521572                           | 1                 |
| 4         | M026 1552 | Gasket:Bracket:Rear                | 1                 |
| 5         | M026 1551 | Gasket:SD                          | 1                 |
| 6         | M026 1550 | Gasket:LCD                         | 1                 |
| 7         | M052 1487 | PCB:LCDC:NA:Ass'y                  | 1                 |
| 7         | M052 1488 | PCB:LCDC:EU:Ass'y                  | 1                 |
| 7         | M052 1489 | PCB:LCDC:AA:Ass'y                  | 1                 |
| 8         | M026 1554 | Sheet:Side                         | 1                 |
| 9         | M052 1481 | Cable:Joint:USB:Mini_B             | 1                 |
| 10        | M026 1555 | Sheet:LCDC                         | 1                 |
| 11        | M026 1571 | M0521571                           | 1                 |
| 12        | M026 1498 | LCD:TFT:W-VGA:MV                   | 1                 |
| 13        | B238 1535 | LCD Spacer B                       | 2                 |
| 14        | B238 1534 | LCD Spacer A                       | 2                 |
| 15        | D029 1484 | Touch Panel:WVGA:FU-ACF            | 1                 |
| 16        | M026 1531 | Cover:Front:NA                     | 1                 |
| 17        | M026 1452 | PCB:Key:Sub:Ass'y                  | 1                 |
| 18        | D026 1469 | Sheet:Keytop:B                     | 1                 |
| 19        | M026 1539 | Keytop:Power Source                | 1                 |
| 20        | M026 1545 | Keytop:Other:NA                    | 2                 |
| 20        | M026 1564 | Keytop:Other:EU                    | 1                 |
| 21        | M026 1553 | Sheet:Journal:NA                   | 1                 |
| 22        | M026 1534 | Keytop:Reset Switch                | 1                 |
| 23        | M026 1532 | Keytop:Start                       | 1                 |
| 24        | M026 1533 | Keytop:Clear/Stop                  | 1                 |
| 25        | M026 1536 | Keytop:10key:1:NA                  | 1                 |
| 25        | M026 1558 | Keytop:10key:1:EU                  | 1                 |
| 25        | M026 1560 | Keytop:10key:1:AA                  | 1                 |
| 26        | M026 1538 | Keytop:10key:2:NA                  | 1                 |
| 26        | M026 1559 | Keytop:10key:2:EU                  | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 27        | M026 1541  | Keytop:Application:NA           | 1                 |
| 27        | M026 1562  | Keytop:Application:EU           | 1                 |
| 28        | M026 1546  | Lens:Front                      | 1                 |
| 29        | D026 1568  | Sheet:Keytop:A                  | 1                 |
| 30        | M026 1458  | PCB:Key:Main:Ass'y              | 1                 |
| 31        | M026 1484  | Cable:FFC:Key:Sub               | 1                 |
| 32        | M026 1483  | Cable:FFC:Key:Main              | 1                 |
| 33        | M052 1571  | Cover:Inner:SNK                 | 1                 |
| 34        | M026 1556  | Keytop:Blank                    | 1                 |
| 35        | M026 1563  | Keytop:Fax:EU                   | 2                 |
| 101       | 0802 5321  | Binding Head Tapping Screw:3x10 |                   |
| 102       | 0353 0040N | Screw - M3x4                    |                   |
| 103       | 0802 5314  | Binding Head Tapping Screw:3x8  |                   |

## 5.ADF Section 1 (M052/M053/M054)



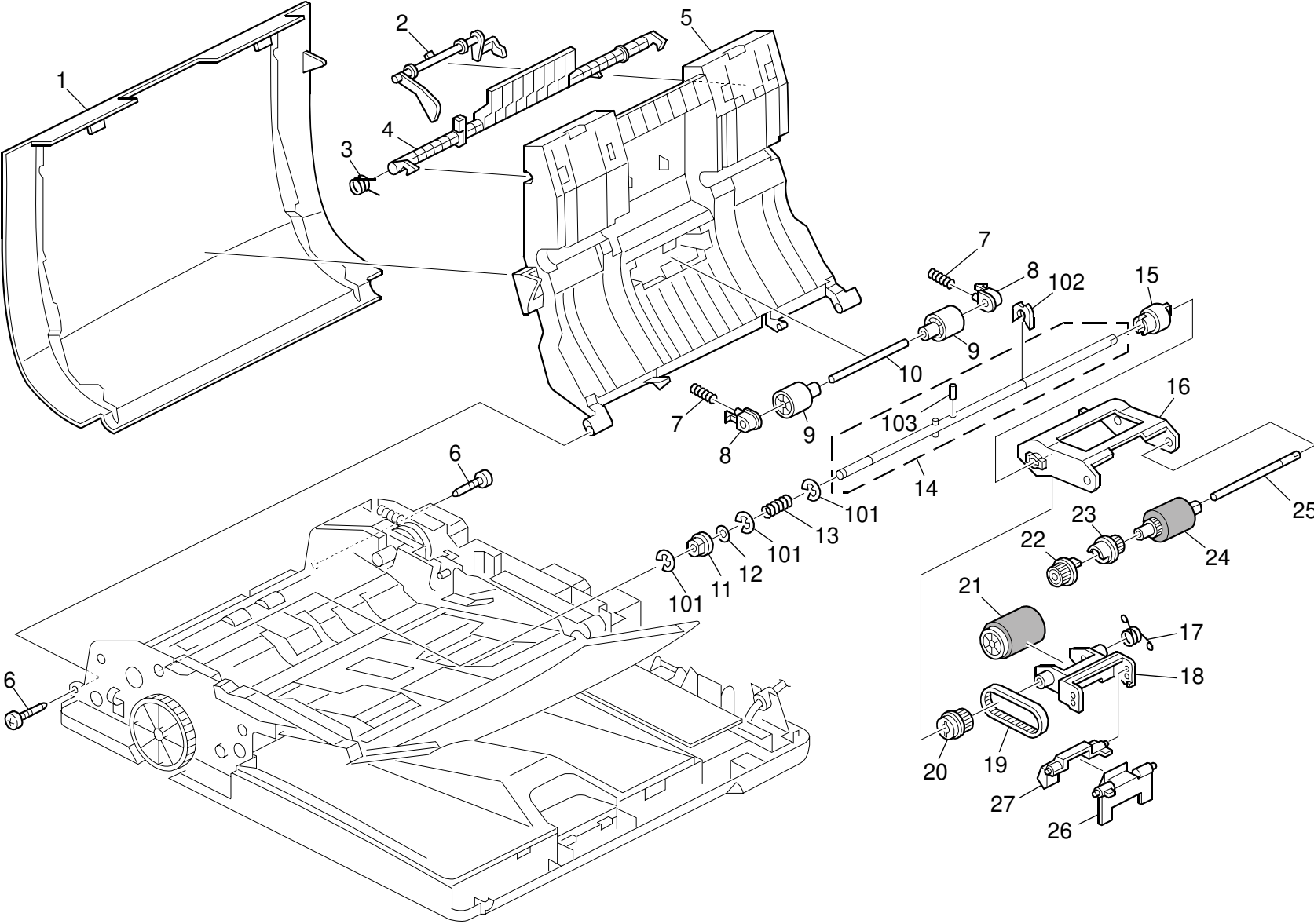
## 5.ADF Section 1 (M052/M053/M054)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | M364 4521 | Cover:Front                 | 1                 |
| 2         | M364 1386 | Cushion:Pressure Plate      | 2                 |
| 3         | M364 1387 | Bracket:Pressure Plate      | 2                 |
| 4         | M364 4821 | Tape:Pressure Plate:Left    | 2                 |
| 5         | M364 4811 | Pressure Plate              | 1                 |
| 6         | M364 1381 | Holder:Pressure Plate:Right | 2                 |
| 7         | M364 4823 | Tape:Pressure Plate         | 2                 |
| 8         | M364 4536 | Tray:Auxiliary              | 1                 |
| 9         | M364 4531 | Cover:Right                 | 1                 |
| 10        | M364 4511 | Cover:Rear                  | 1                 |



| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6 |                   |
| 102       | 0360 3006N | Screw - M3x6        |                   |

6.ADF Section 2 (M052/M053/M054)

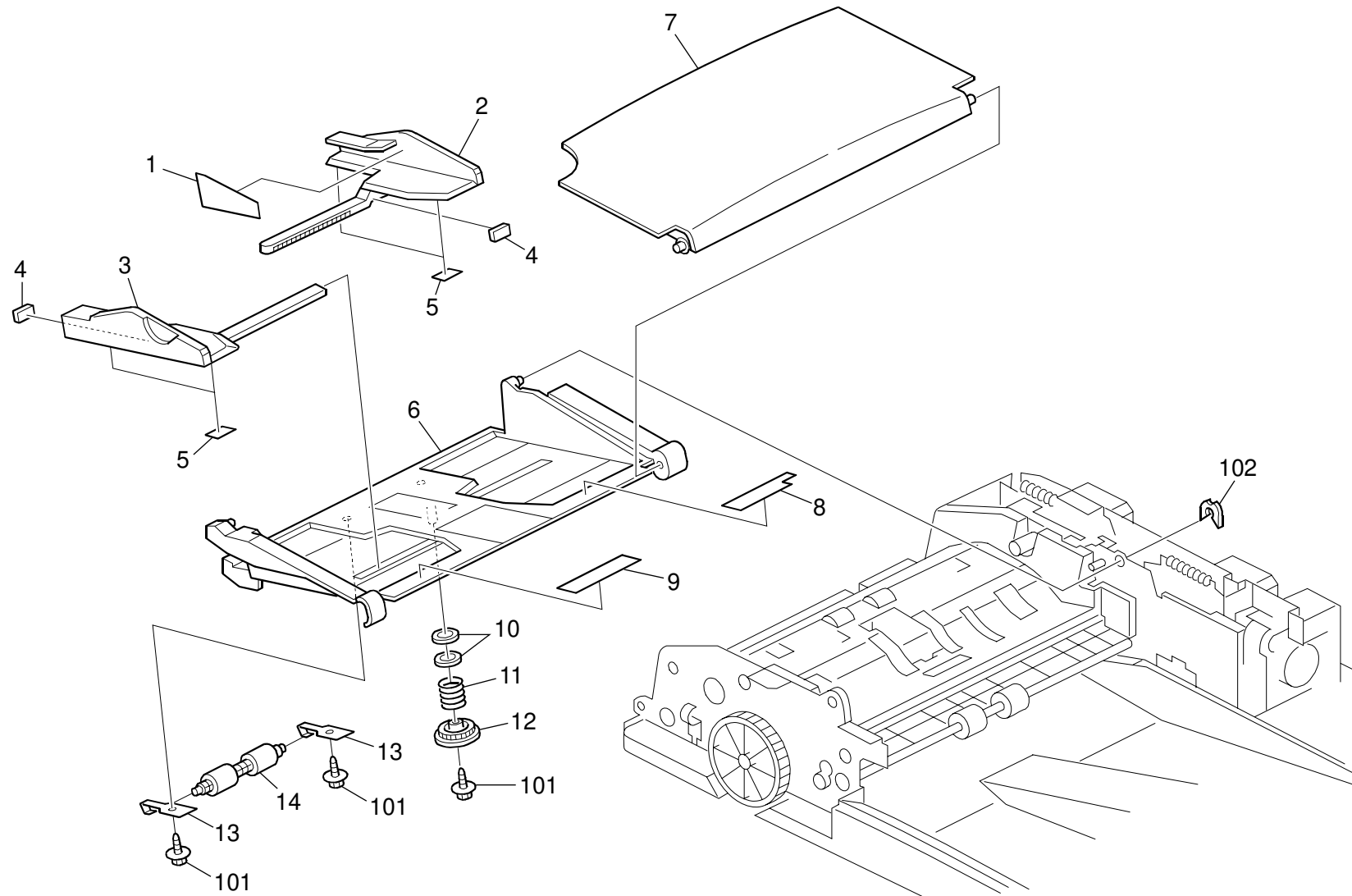


## 6.ADF Section 2 (M052/M053/M054)

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 1         | M364 4611 | Cover:Paper Feed                          | 1                 |
| 2         | M364 4626 | Feeler:Original Sensor                    | 1                 |
| 3         | M364 4622 | Torsion Spring:Grip                       | 1                 |
| 4         | M364 4621 | Grip:Cover:Paper Feed                     | 1                 |
| 5         | M364 4617 | Guide Plate:Cover:Paper Feed              | 1                 |
| 6         | AA14 3788 | Pin:Guide Plate:Paper Feed                | 2                 |
| 7         | M364 4643 | Compression Spring:Driven Roller:Pull Out | 2                 |
| 8         | M364 4648 | Plain Shaft Bearing:M4                    | 2                 |
| 9         | M364 4642 | Roller:Driven:Short                       | 2                 |
| 10        | M364 4641 | Shaft:Driven                              | 1                 |
| 11        | AA08 2101 | Bushing - 6x10x6                          | 1                 |
| 12        | AA13 2208 | Spacer - M6                               | 1                 |
| 13        | M364 2124 | Compression Spring:Paper Feed Unit        | 1                 |
| 14        | M364 2110 | Shaft:Paper Feed Unit                     | 1                 |
| 15        | M364 2132 | Torque Limiter:Pickup                     | 1                 |
| 16        | M364 2151 | Holder:Pickup                             | 1                 |
| 17        | M364 2143 | Torsion Spring:Paper Stopper              | 1                 |
| 18        | M364 2141 | Arm:Paper Stopper                         | 1                 |
| 19        | M364 2163 | Timing Belt:40S2M130                      | 1                 |
| 20        | M364 2123 | Timing Pulley:Pickup:Drive                | 1                 |
| 21        | M364 2121 | Feed Roller                               | 1                 |
| 22        | M364 2162 | Timing Pulley:Pickup                      | 1                 |
| 23        | B872 2529 | Collar:Pickup                             | 1                 |
| 24        | AF03 0363 | Pickup Roller                             | 1                 |
| 25        | M364 2161 | Shaft:Pickup                              | 1                 |
| 26        | M364 2142 | Paper Stopper                             | 1                 |
| 27        | M364 2144 | Link:Paper Stopper                        | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0720 0040E | Retaining Ring - M4 |                   |
| 102       | 0805 0089  | Retaining Ring - M4 |                   |
| 103       | 0622 0100E | Spring Pin - 2x10mm |                   |

## 7.ADF Section 3 (M052/M053/M054)

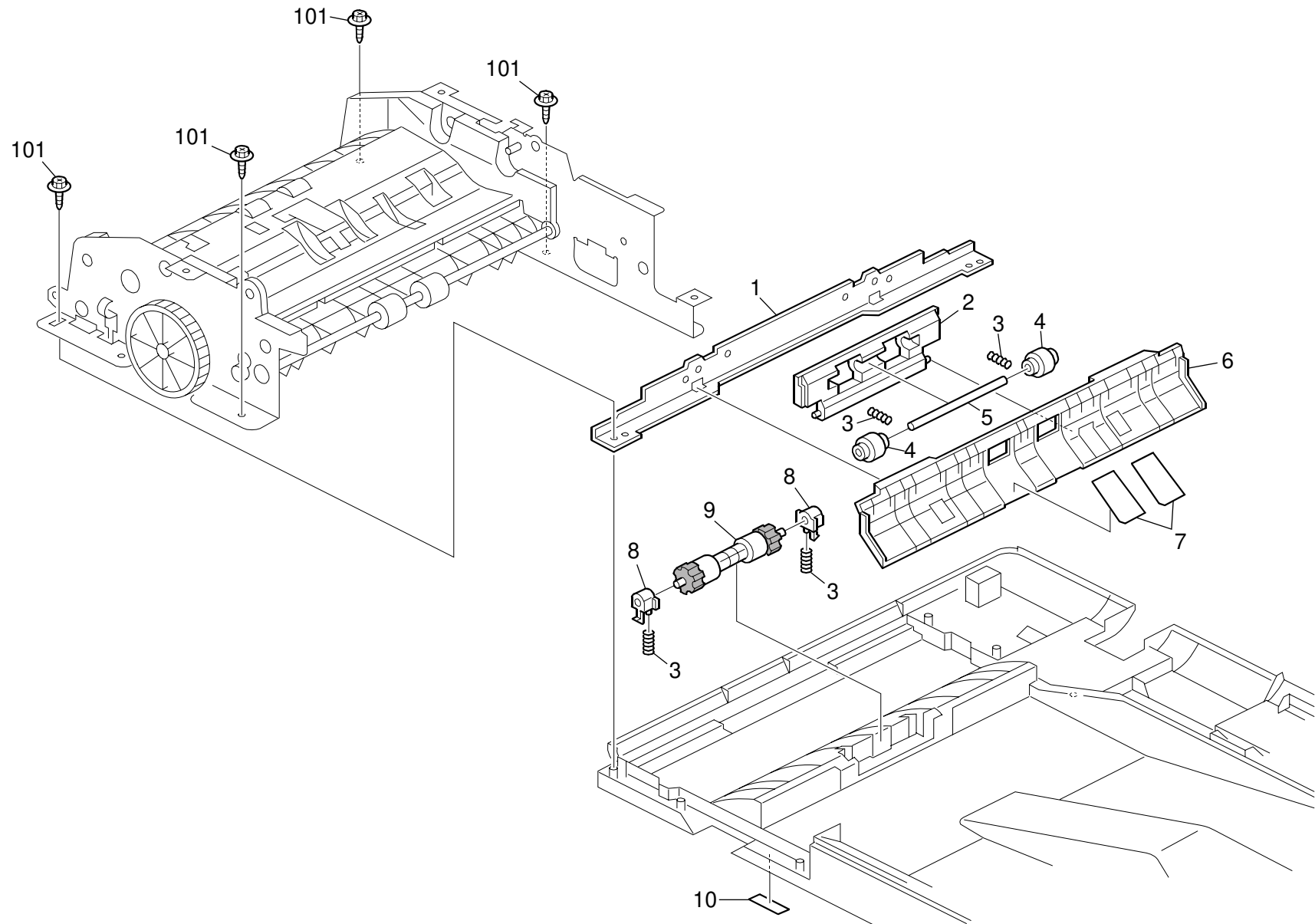


## 7.ADF Section 3 (M052/M053/M054)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | M364 6041 | Decal:Side Fence                | 1                 |
| 2         | M364 4741 | Side Fence:Inner Back           | 1                 |
| 3         | M364 4742 | Side Fence:Front                | 1                 |
| 4         | M364 4736 | Cushion:Side Fence:Small        | 2                 |
| 5         | A334 4678 | Rack Shield Mylar               | 4                 |
| 6         | M364 4711 | Original Table                  | 1                 |
| 7         | M364 4751 | Extension Tray                  | 1                 |
| 8         | M364 6031 | Decal:Original Scale:Inner Back | 1                 |
| 9         | M364 6032 | Decal:Original Scale:Front      | 1                 |
| 10        | AA13 2225 | Spacer:DIA10xDIA15x1            | 2                 |
| 11        | M364 4743 | Compression Spring:Side Fence   | 1                 |
| 12        | M364 4744 | Gear:Side Fence                 | 1                 |
| 13        | M364 4724 | Spring Plate:Reverse:Pressure   | 2                 |
| 14        | M364 3232 | Exit Roller:Driven              | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 4008N | Tapping Screw - M4x8 |                   |
| 102       | 0805 0089  | Retaining Ring - M4  |                   |

## 8.ADF Section 4 (M052/M053/M054)

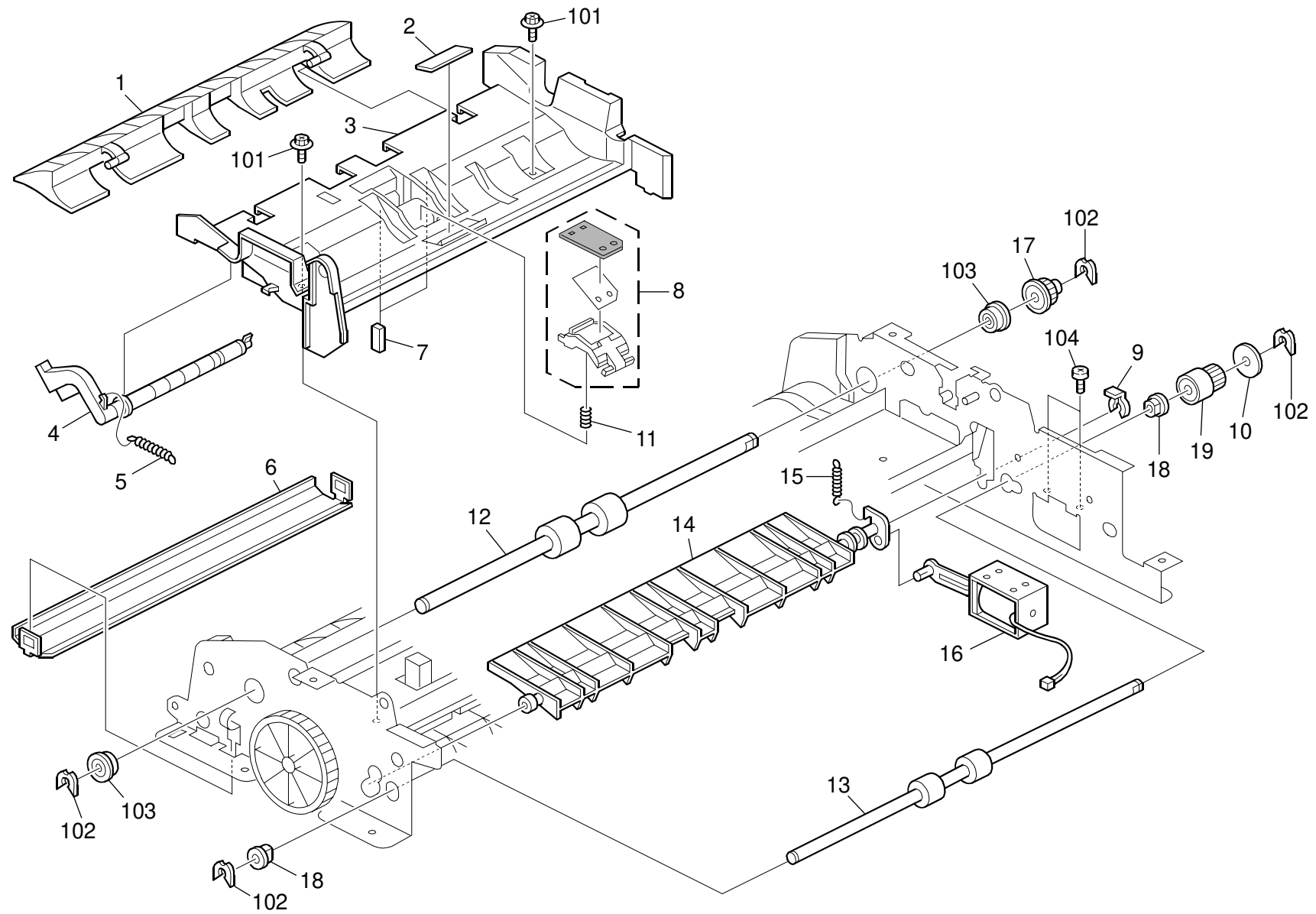


## 8.ADF Section 4 (M052/M053/M054)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | M364 1317 | Supporting Plate:Left Lower        | 1                 |
| 2         | M364 1321 | Lever:Driven:Scanning              | 1                 |
| 3         | M364 1323 | Compression Spring:Scanning:Driven | 4                 |
| 4         | M364 1342 | Roller:Scanning:Driven:Short       | 2                 |
| 5         | M364 4641 | Shaft:Driven                       | 1                 |
| 6         | M364 1326 | Guide Plate:Scanning:Front Lower   | 1                 |
| 7         | M364 1327 | Sheet:Scanning:Front Lower         | 2                 |
| 8         | M364 4648 | Plain Shaft Bearing:M4             | 2                 |
| 9         | M364 1335 | Exit Roller:Driven:Ass'y           | 1                 |
| 10        | M364 6051 | Decal:Lever:Knob                   | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 4008N | Tapping Screw - M4x8 |                   |

## 9.ADF Section 5 (M052/M053/M054)

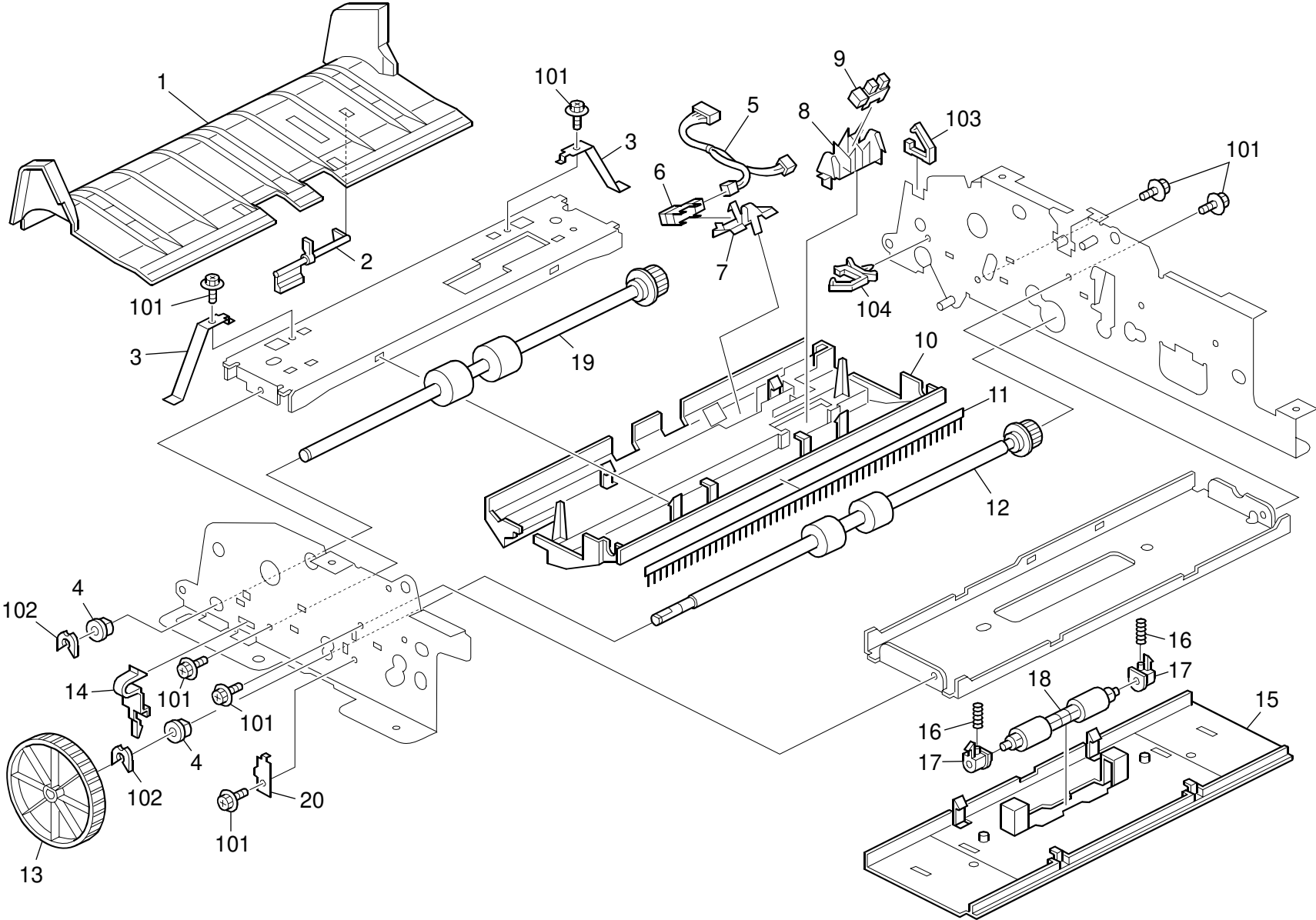


## 9.ADF Section 5 (M052/M053/M054)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | M364 2222 | Guide Plate:Open And Close        | 1                 |
| 2         | H310 1360 | Pad:Pickup                        | 1                 |
| 3         | M364 2311 | Guide Plate:Paper Feed            | 1                 |
| 4         | M364 2314 | Lever:Pressure Release:Separation | 1                 |
| 5         | M364 2313 | Tension Spring:Pressure Release   | 1                 |
| 6         | M364 3311 | Guide Plate:Scanning              | 1                 |
| 7         | M364 2315 | Cushion:Separation                | 2                 |
| 8         | M364 2216 | Holder:Friction Pad:Ass'y         | 1                 |
| 9         | A222 2724 | External Circlip - MM8            | 1                 |
| 10        | B789 4257 | Pulley Flange                     | 1                 |
| 11        | M364 2213 | Compression Spring:Separation     | 1                 |
| 12        | M364 3111 | Transport Roller:Pull Out         | 1                 |
| 13        | M364 3141 | Transport Roller:Reverse          | 1                 |
| 14        | M364 3421 | Gate Pawl:Reverse                 | 1                 |
| 15        | B789 3716 | Tension Spring - Gate Pawl        | 1                 |
| 16        | M364 4411 | DC Solenoid:Gate Pawl:Reverse     | 1                 |
| 17        | M364 3116 | Timing Pulley:Pull Out            | 1                 |
| 18        | AA08 2101 | Bushing - 6x10x6                  | 2                 |
| 19        | D366 4242 | Torque Limiter - 24T              | 1                 |

| Index No. | Part No.   | Description              | Q'ty Per Assembly |
|-----------|------------|--------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6      |                   |
| 102       | 0805 0089  | Retaining Ring - M4      |                   |
| 103       | 0741 3506  | Ball Bearing - 6x12x4 MM |                   |
| 104       | 0353 0030N | Screw:M3x3               |                   |

10.ADF Section 6 (M052/M053/M054)



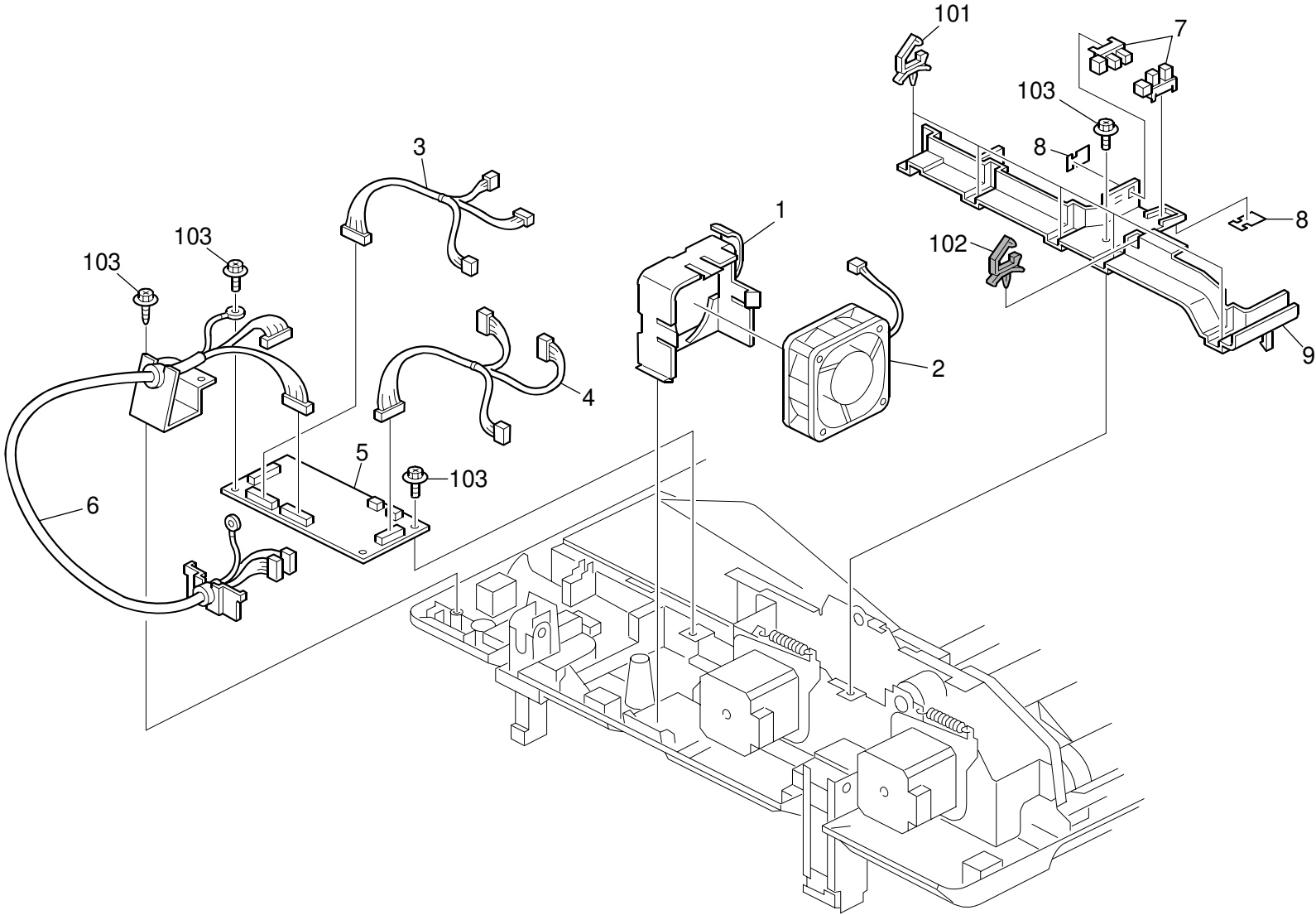
## 10.ADF Section 6 (M052/M053/M054)



| Index No. | Part No.                                                                          | Description                        | Q'ty Per Assembly |
|-----------|-----------------------------------------------------------------------------------|------------------------------------|-------------------|
| 1         | M364 3416                                                                         | Guide Plate:Reverse                | 1                 |
| 2         | M364 3412                                                                         | Feeler:Reverse                     | 1                 |
| 3         | M364 3321                                                                         | Spring Plate:Guide:Exposure Glass  | 2                 |
| 4         | AA08 2101                                                                         | Bushing - 6x10x6                   | 2                 |
| 5         | M364 5725                                                                         | Harness:Registration:Connecting    | 1                 |
| 6         | GW01 0007                                                                         | Photo Reflection Sensor:Exit       | 1                 |
| 7         | M364 3216                                                                         | Bracket:Sensor:Registration        | 1                 |
| 8         | M364 3218                                                                         | Bracket:Sensor:Reverse             | 1                 |
| 9         | AW02 0141                                                                         | Photointerruptor                   | 1                 |
| 10        | M364 3211                                                                         | Guide Plate:Transport              | 1                 |
| 11        | M364 3212                                                                         | Discharge Brush:Exit:SUS           | 1                 |
| 12        | M364 3131                                                                         | Exit Roller                        | 1                 |
| 13        | M364 3136                                                                         | Knob:Misfeed Removal               | 1                 |
| 14        | M364 1227                                                                         | Hook:Guide:Exposure Glass          | 1                 |
| 15        | M364 3241                                                                         | Guide Plate:Reverse:Upper          | 1                 |
| 16        | M364 1322                                                                         | Compression Spring:Scanning:Driven | 2                 |
| 17        | M364 4648                                                                         | Plain Shaft Bearing:M4             | 2                 |
| 18        | M364 3232                                                                         | Exit Roller:Driven                 | 1                 |
| 19        | M364 3121                                                                         | Transport Roller:Scanning          | 1                 |
| 20        | M364 3221                                                                         | Spring Plate:Earth:Exit            | 1                 |
|           |  |                                    |                   |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0805 0089  | Retaining Ring - M4        |                   |
| 103       | 1105 0692  | Clamp:LES-0503             |                   |
| 104       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |

11.ADF Section 7 (M052/M053/M054)

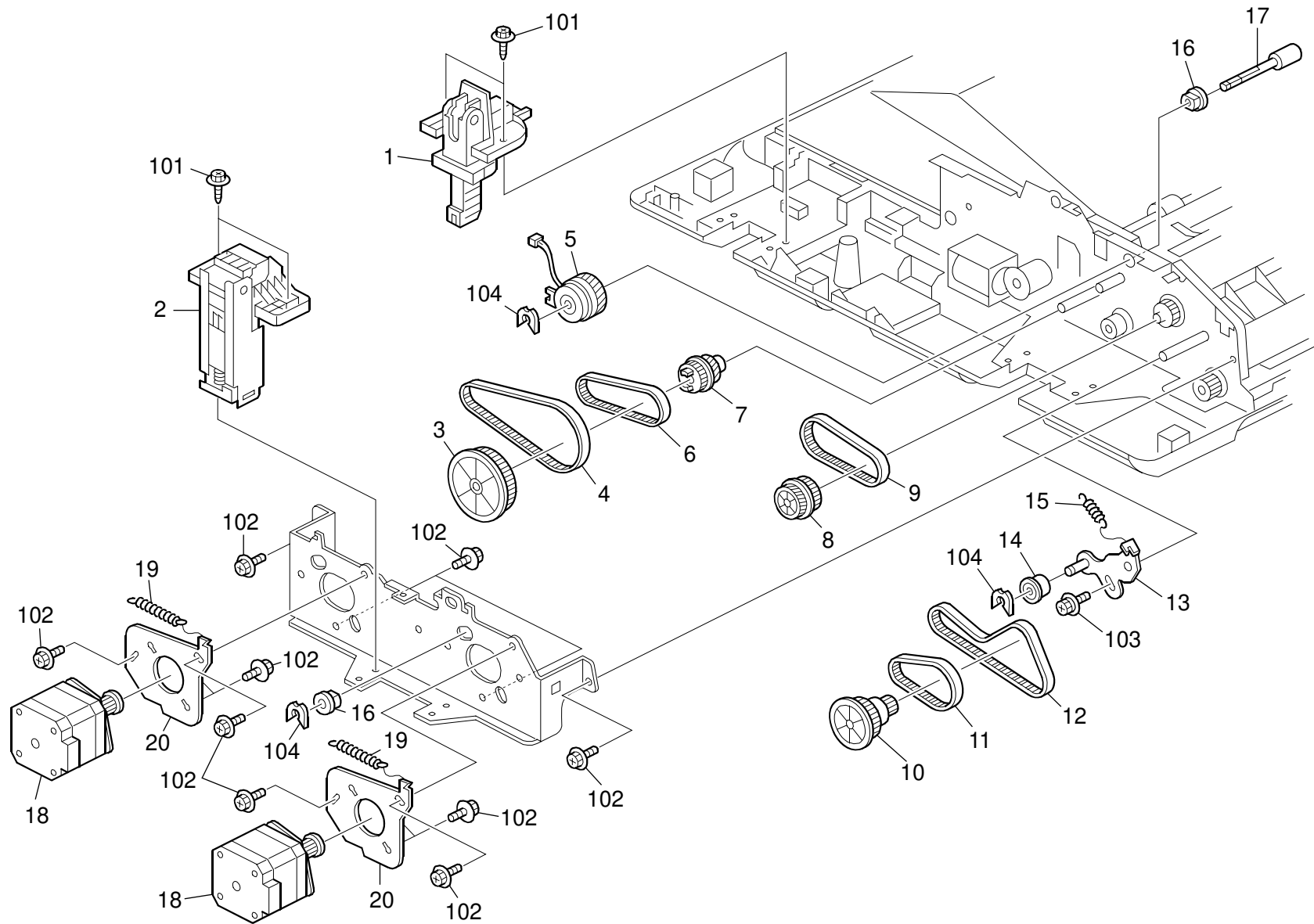


## 11.ADF Section 7 (M052/M053/M054)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | M364 4353 | Bracket:DC Fan Motor               | 1                 |
| 2         | AX64 0170 | Fan Motor - MM60 DC24V             | 1                 |
| 3         | M364 5720 | Harness:Sensor:Main                | 1                 |
| 4         | M364 5735 | Harness:DC Stepper Motor:Transport | 1                 |
| 5         | M364 5022 | PCB:Main Control                   | 1                 |
| 6         | M364 5805 | Harness:Interface:Ass'y            | 1                 |
| 7         | AW02 0141 | Photointerruptor                   | 2                 |
| 8         | G570 1225 | Sensor Shielding Plate             | 2                 |
| 9         | M364 5751 | Guide:Harness                      | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 1105 0487  | Harness Clamp              |                   |
| 102       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 103       | 0451 3006N | Tapping Screw - 3x6        |                   |

## 12.ADF Section 8 (M052/M053/M054)

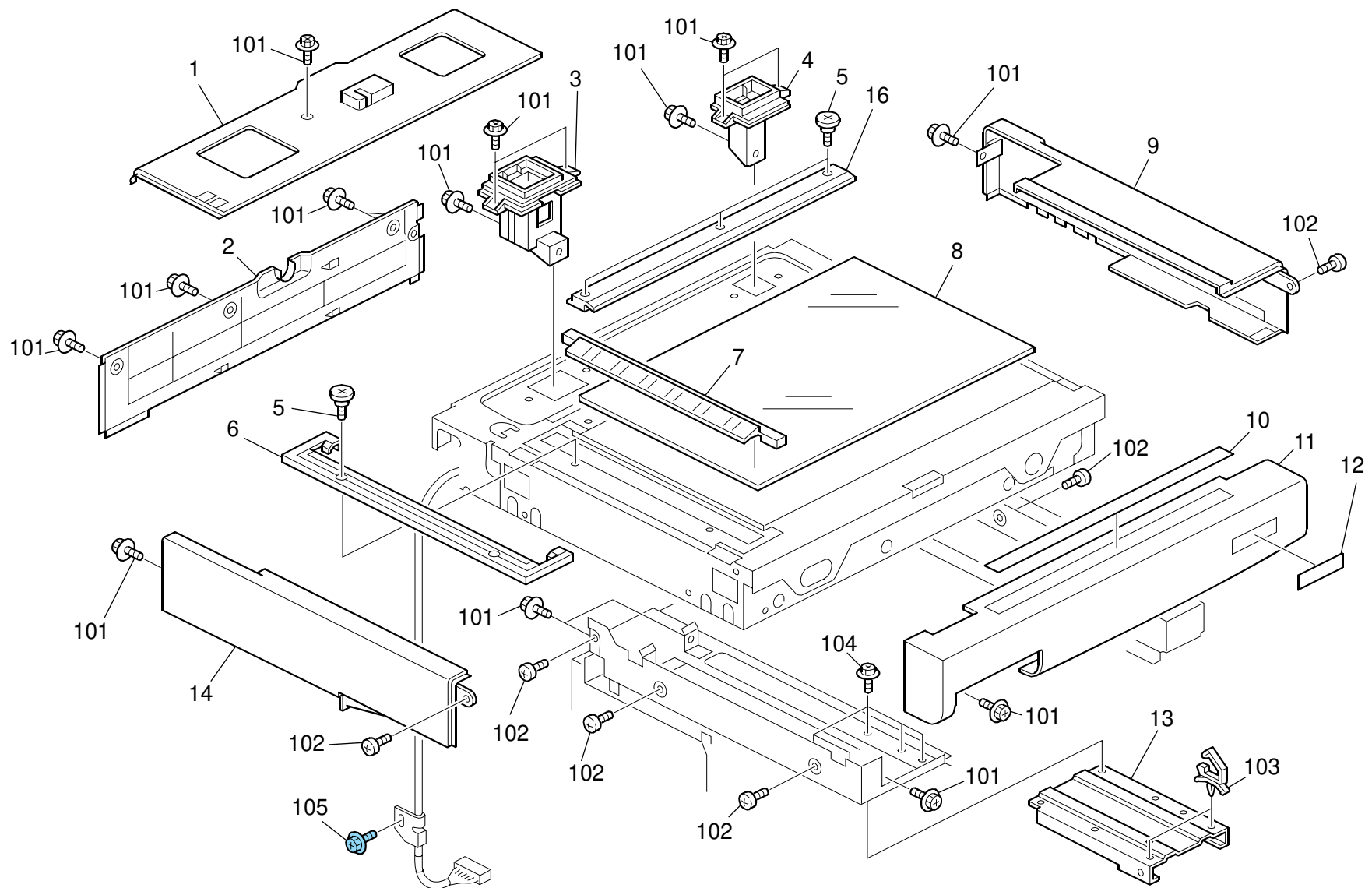


## 12.ADF Section 8 (M052/M053/M054)

| Index No. | Part No.  | Description                             | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------|-------------------|
| 1         | M364 1221 | Hinge:Right                             | 1                 |
| 2         | M364 1211 | Hinge:Left                              | 1                 |
| 3         | M364 4121 | Timing Pulley:Slow Down:Paper Feed      | 1                 |
| 4         | B700 3125 | Timing Belt:B40S2M232                   | 1                 |
| 5         | AX21 0103 | Magnetic Clutch:0.25N                   | 1                 |
| 6         | M364 4131 | Timing Belt:B40S2M160                   | 1                 |
| 7         | M364 4122 | Gear:Timing Pulley:Slow Down:Paper Feed | 1                 |
| 8         | M364 4124 | Gear:Timing Pulley:Coupling             | 1                 |
| 9         | AA04 3319 | Timing Belt - 40S2M156                  | 1                 |
| 10        | M364 4211 | Timing Pulley:Slow Down:Transport       | 1                 |
| 11        | AA04 3603 | Timing Belt:B40S2M128                   | 1                 |
| 12        | M364 4245 | Timing Belt:B80S1.5M236                 | 1                 |
| 13        | M364 4231 | Tightener:Transport:Ass'y               | 1                 |
| 14        | B789 4332 | Pulley - 34T                            | 1                 |
| 15        | M364 4244 | Tension Spring:Tightener:Transport      | 1                 |
| 16        | AA08 2101 | Bushing - 6x10x6                        | 2                 |
| 17        | M364 4251 | Shaft:Electromagnetic Clutch            | 1                 |
| 18        | M364 4321 | Stepper Motor:DC 0.94W                  | 2                 |
| 19        | M364 4341 | Tension Spring:Motor                    | 2                 |
| 20        | M364 4311 | Bracket:Motor                           | 2                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 4010N | Tapping Screw:M4x10  |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6  |                   |
| 103       | 0802 5299  | Tapping Screw - M3x8 |                   |
| 104       | 0805 0089  | Retaining Ring - M4  |                   |

### 13.Scanner section 1 (M052/M053/M054)

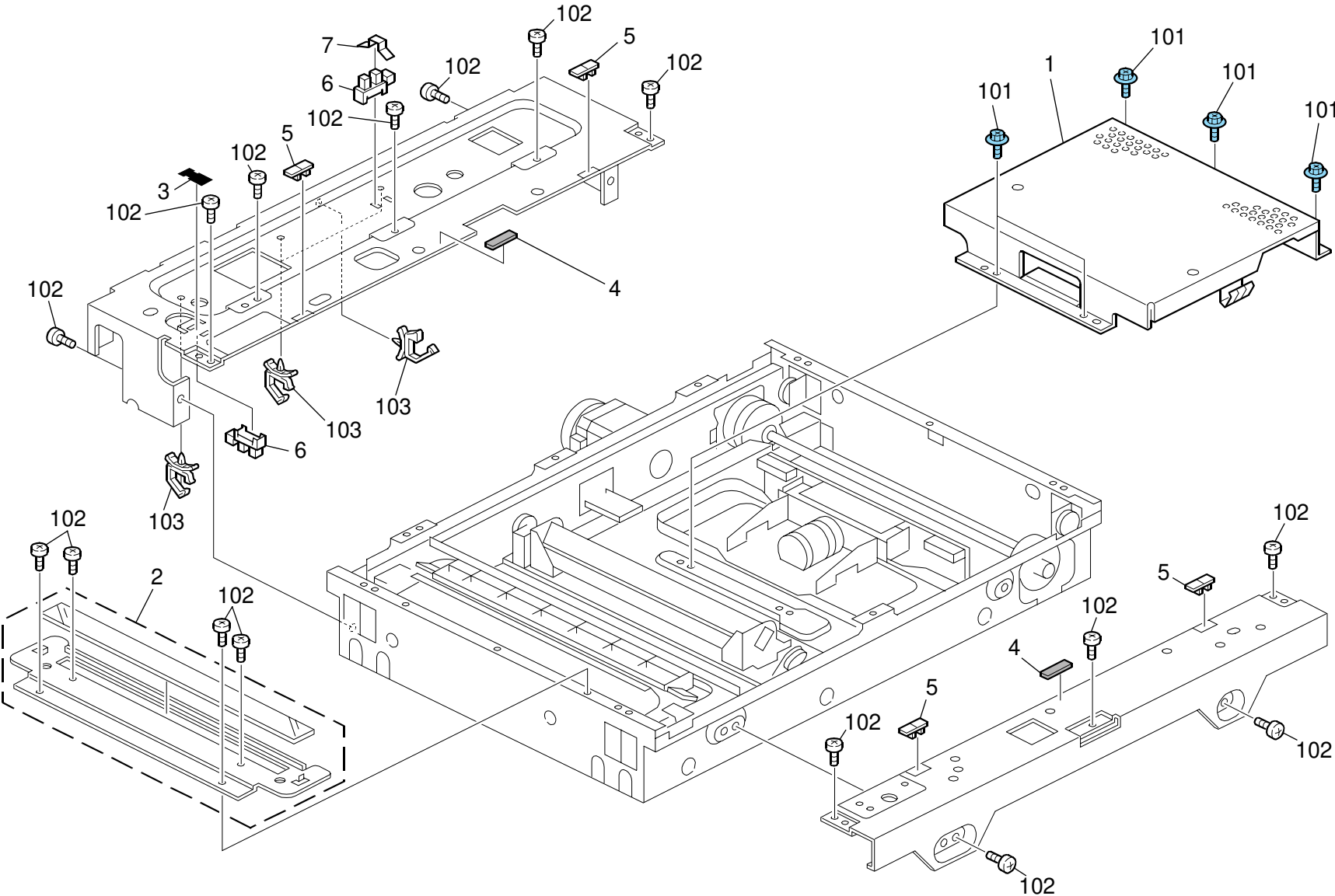


### 13.Scanner section 1 (M052/M053/M054)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | M052 1766 | Cover:Scanner:Upper:NA/AA           | 1                 |
| 1         | M052 1765 | Cover:Scanner:Upper:EU              | 1                 |
| 2         | M052 1772 | Cover:Scanner:Rear:NA/AA            | 1                 |
| 3         | M026 1730 | Holder:Hinge:Left                   | 1                 |
| 4         | M026 1732 | Holder:Hinge:Right                  | 1                 |
| 5         | B390 1759 | Shaft:Scale                         | 5                 |
| 6         | M026 1711 | Scale:Main                          | 1                 |
| 7         | M026 1714 | Scale:Left:EU                       | 1                 |
| 8         | AC01 2069 | Exposure Glass                      | 1                 |
| 9         | M052 1756 | Cover:Scanner:Right:NA/AA           | 1                 |
| 9         | M052 1755 | Cover:Scanner:Right:EU              | 1                 |
| 10        | M026 6890 | Decal:Caution:Original:English      | 1                 |
| 11        | M052 2020 | Cover:Scanner:Front                 | 1                 |
| 12        | M052 6641 | Model Name Plate:M052:RIC           | 1                 |
| 12        | M052 6643 | Model Name Plate:M052:GES:NA/AA     | 1                 |
| 12        | M052 6645 | Model Name Plate:M052:LAN           | 1                 |
| 12        | M053 6641 | Model Name Plate:M053:RIC           | 1                 |
| 12        | M054 6641 | Model Name Plate:M054:RIC           | 1                 |
| 12        | M054 6643 | Model Name Plate:M054:GES           | 1                 |
| 12        | M054 6645 | Model Name Plate:M054:LAN           | 1                 |
| 13        | M052 1590 | Bracket:Supporter:Operation Panel:A | 1                 |
| 14        | M052 1762 | Cover:Scanner:Left:NA/AA            | 1                 |
| 14        | M052 1761 | Cover:Scanner:Left:EU               | 1                 |
| 15        | M026 1700 | Scale:Inner Back:Printing           | 1                 |
| 16        | M026 1713 | Scale:Inner Back                    | 1                 |

| Index No. | Part No.   | Description       | Q'ty Per Assembly |
|-----------|------------|-------------------|-------------------|
| 101       | 0360 3006N | Screw - M3x6      |                   |
| 102       | 0353 0060N | Bind Screw - M3x6 |                   |
| 103       | 1105 0487  | Harness Clamp     |                   |
| 104       | 0360 4006N | Screw - M4x6      |                   |
| 105       | 0454 3005Q | Tapping Screw:3x5 |                   |

14.Scanner section 2 (M052/M053/M054)

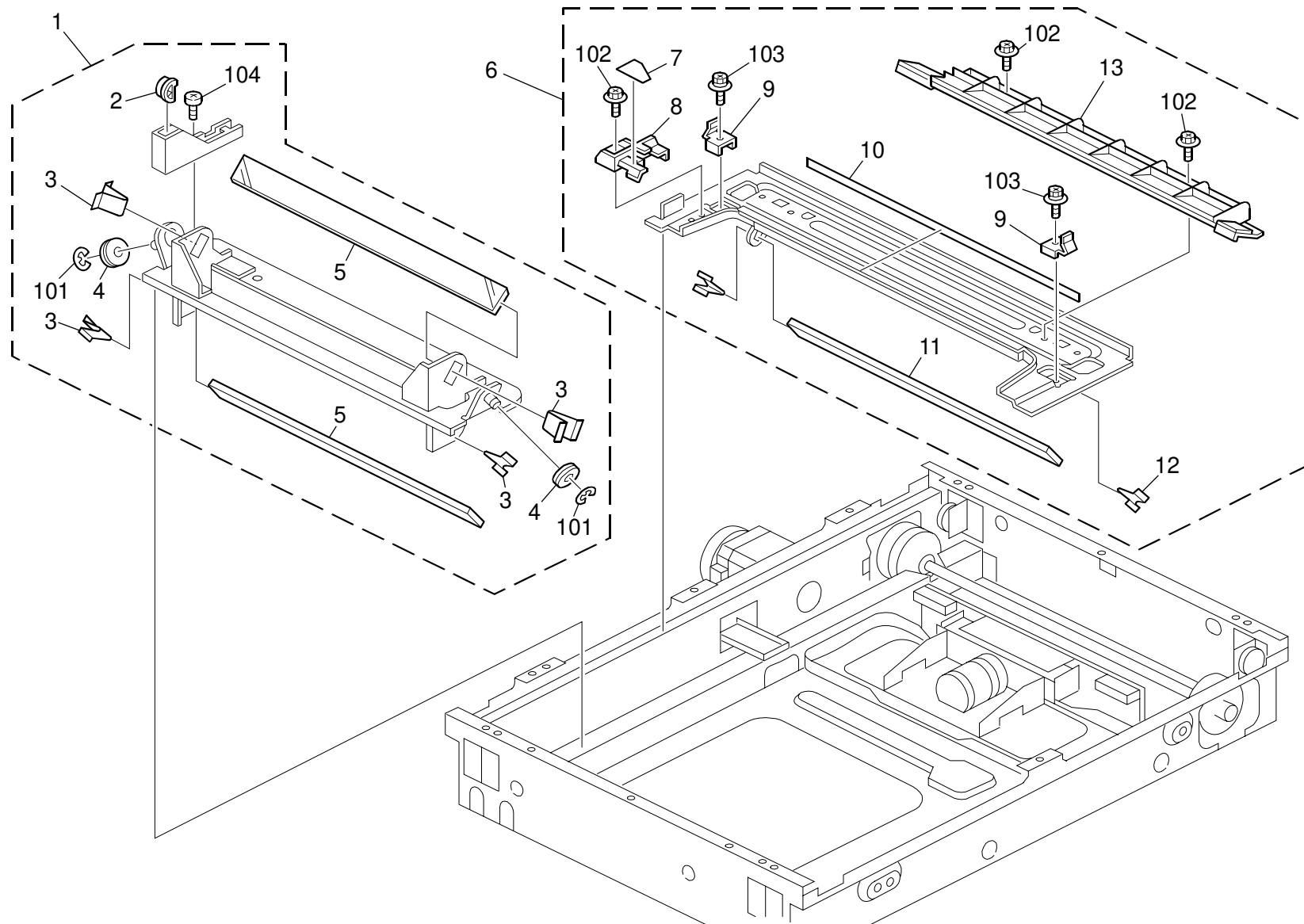


## 14.Scanner section 2 (M052/M053/M054)

| Index No. | Part No.  | Description                          | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------|-------------------|
| 1         | M026 1791 | Inner Cover:Scanner                  | 1                 |
| 2         | M026 1712 | Exposure Glass:Document Feeder:Ass'y | 1                 |
| 3         | G570 1225 | Sensor Shielding Plate               | 1                 |
| 4         | 5442 1924 | Exposure Glass Cushion               | 2                 |
| 5         | D039 1751 | Holder:Exposure Glass                | 4                 |
| 6         | AW02 0145 | Photointerruptor:Flat                | 2                 |
| 7         | B154 1826 | Cover:Sensor:Aks                     | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0454 3005Q | Tapping Screw:3x5          |                   |
| 102       | 0353 0060N | Bind Screw - M3x6          |                   |
| 103       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |

## 15.Scanner section 3 (M052/M053/M054)

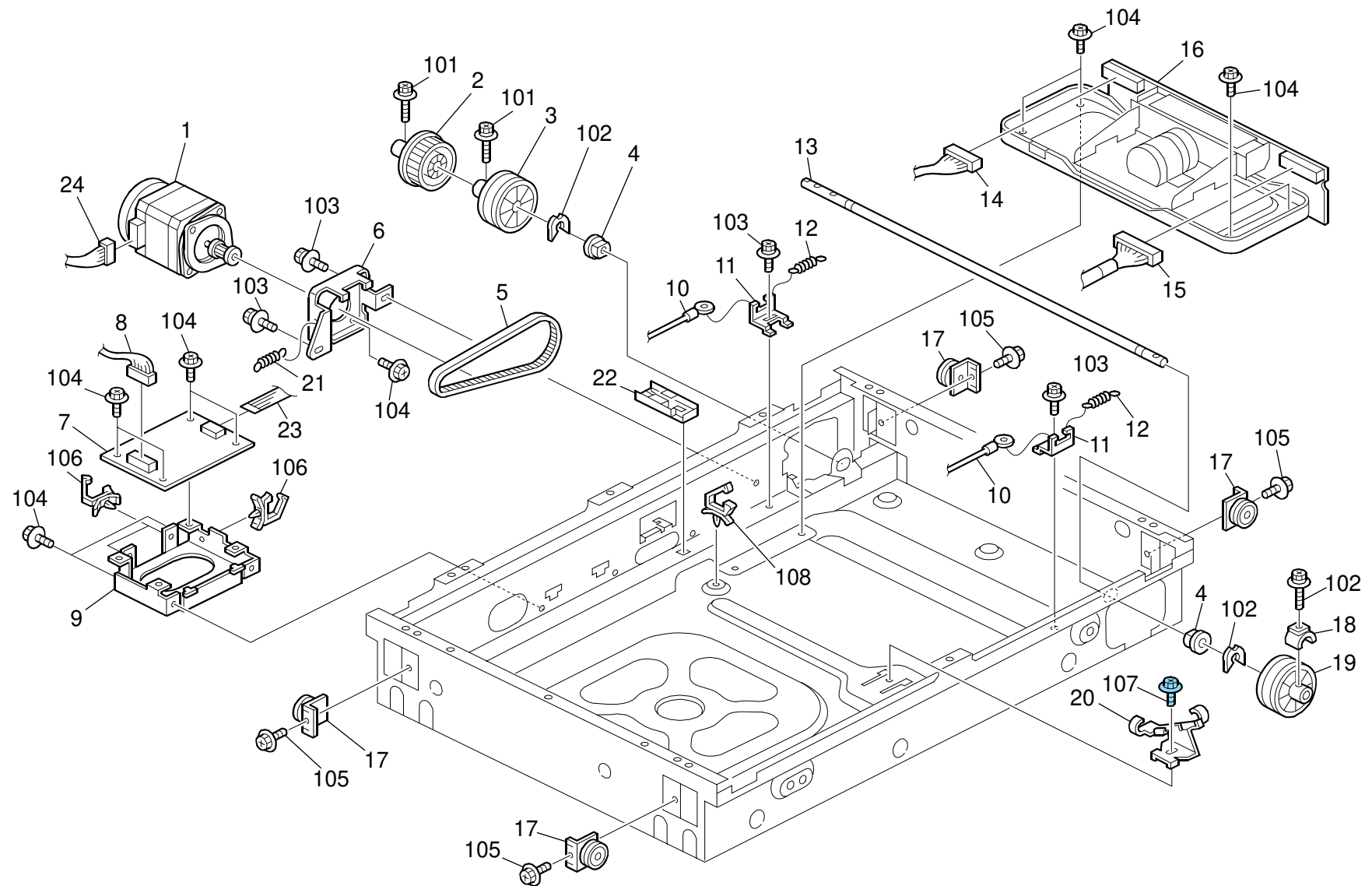


### 15.Scanner section 3 (M052/M053/M054)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | M026 1771 | Carriage:No.2:Ass'y           | 1                 |
| 2         | M026 1778 | Guide:FFC                     | 1                 |
| 3         | G404 2810 | Spring Plate - 2Nd Mirror     | 4                 |
| 4         | B238 1807 | Pulley                        | 2                 |
| 5         | AC03 0178 | Mirror:No.2                   | 2                 |
| 6         | M026 1800 | Carriage:No.1:Ass'y           | 1                 |
| 7         | M026 1814 | Sheet:Guide:Harness:LED-D     | 1                 |
| 8         | M026 1812 | Guide:Harness:LED-D           | 1                 |
| 9         | M026 1813 | Clamp:Wire                    | 2                 |
| 10        | M026 1805 | Reflector:Scanner             | 1                 |
| 11        | AC03 0177 | Mirror:No.1                   | 1                 |
| 12        | M026 1815 | Clamp:Mirror:No.1             | 2                 |
| 13        | M026 1802 | Illumination Unit:LED-B:Ass'y | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0720 0040E | Retaining Ring - M4              |                   |
| 102       | 0360 3006N | Screw - M3x6                     |                   |
| 103       | 0804 6127  | Hexagonal Bolt:Double Screw:M3x8 |                   |
| 104       | 0353 0060N | Bind Screw - M3x6                |                   |

## 16.Scanner section 4 (M052/M053/M054)

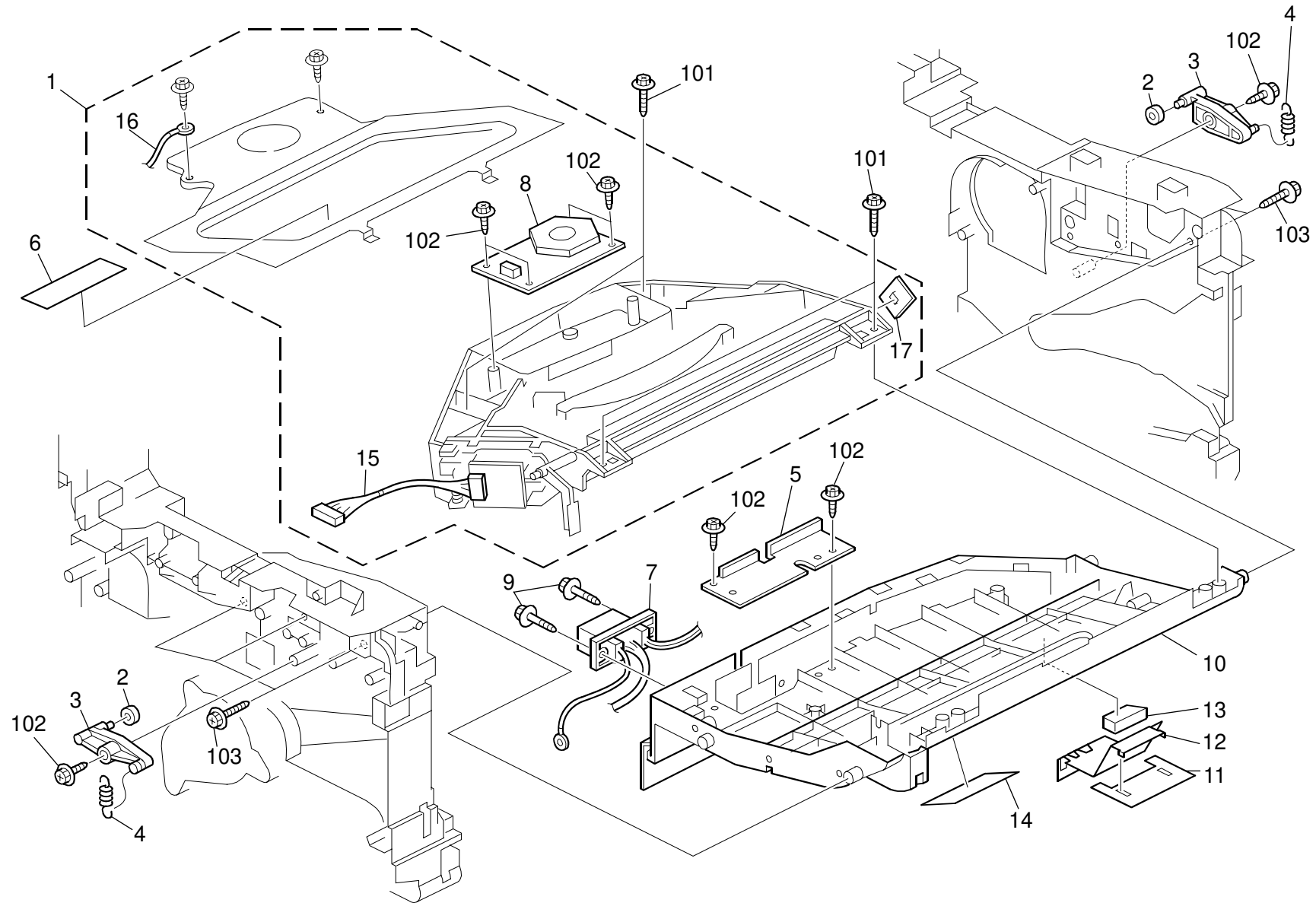


## 16.Scanner section 4 (M052/M053/M054)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | B238 1715 | Stepper Motor DC3.9V               | 1                 |
| 2         | G570 1133 | Timing Pulley 73                   | 1                 |
| 3         | D029 1748 | Pulley:Drive Were:Rear:Ass'y       | 1                 |
| 4         | AA08 2144 | Bushing - 8x12x7                   | 2                 |
| 5         | B238 1792 | Timing Belt - 157ST1.5-4.0         | 1                 |
| 6         | M026 1768 | Bracket:DC Stepper Motor           | 1                 |
| 7         | M026 5175 | PCB:LED-DB                         | 1                 |
| 8         | M052 5483 | Interface Cable:Scanner:LVDS:Ass'y | 1                 |
| 9         | M026 1723 | Bracket:LED-DB                     | 1                 |
| 10        | M026 1764 | Drive Were:DIA1                    | 2                 |
| 11        | B180 1704 | Bracket:Tension                    | 2                 |
| 12        | AA06 0980 | Tension Spring:Tension:11300MN     | 2                 |
| 13        | M026 1762 | Shaft:Scanner:Drive                | 1                 |
| 14        | M052 5480 | Harness:BICU:SBU                   | 1                 |
| 15        | M052 5481 | Harness:BICU:HPS/AKS               | 1                 |
| 16        | M026 1751 | Holder:Lens:Ass'y                  | 1                 |
| 17        | B238 1806 | Idler Pulley                       | 4                 |
| 18        | D029 1749 | Pulley:Protection                  | 1                 |
| 19        | D029 1745 | Pulley:Drive Were:Front            | 1                 |
| 20        | M052 5486 | Clamp:LVDS:BICU                    | 1                 |
| 21        | AA06 0979 | Tension Spring:Tension:14720MN     | 1                 |
| 22        | M026 1721 | Guide:Harness                      | 1                 |
| 23        | M026 5226 | Harness:FFC:11Wick:LED             | 1                 |
| 24        | M052 5439 | Harness:SMT:Connecting:NA          | 1                 |
| 24        | M052 5451 | Harness:SMT:EU                     | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0802 5312  | Tapping Screw:Washer:3x10        |                   |
| 102       | 0805 0088  | Retaining Ring - M6              |                   |
| 103       | 0804 6127  | Hexagonal Bolt:Double Screw:M3x8 |                   |
| 104       | 0360 3006N | Screw - M3x6                     |                   |
| 105       | 0353 0060N | Bind Screw - M3x6                |                   |
| 106       | 1105 0516  | Clamp                            |                   |
| 107       | 0454 3005Q | Tapping Screw:3x5                |                   |
| 108       | 1105 0511  | Harness Clamp - LWS-0306ZC       |                   |

## 17.Laser Unit (M052/M053/M054)

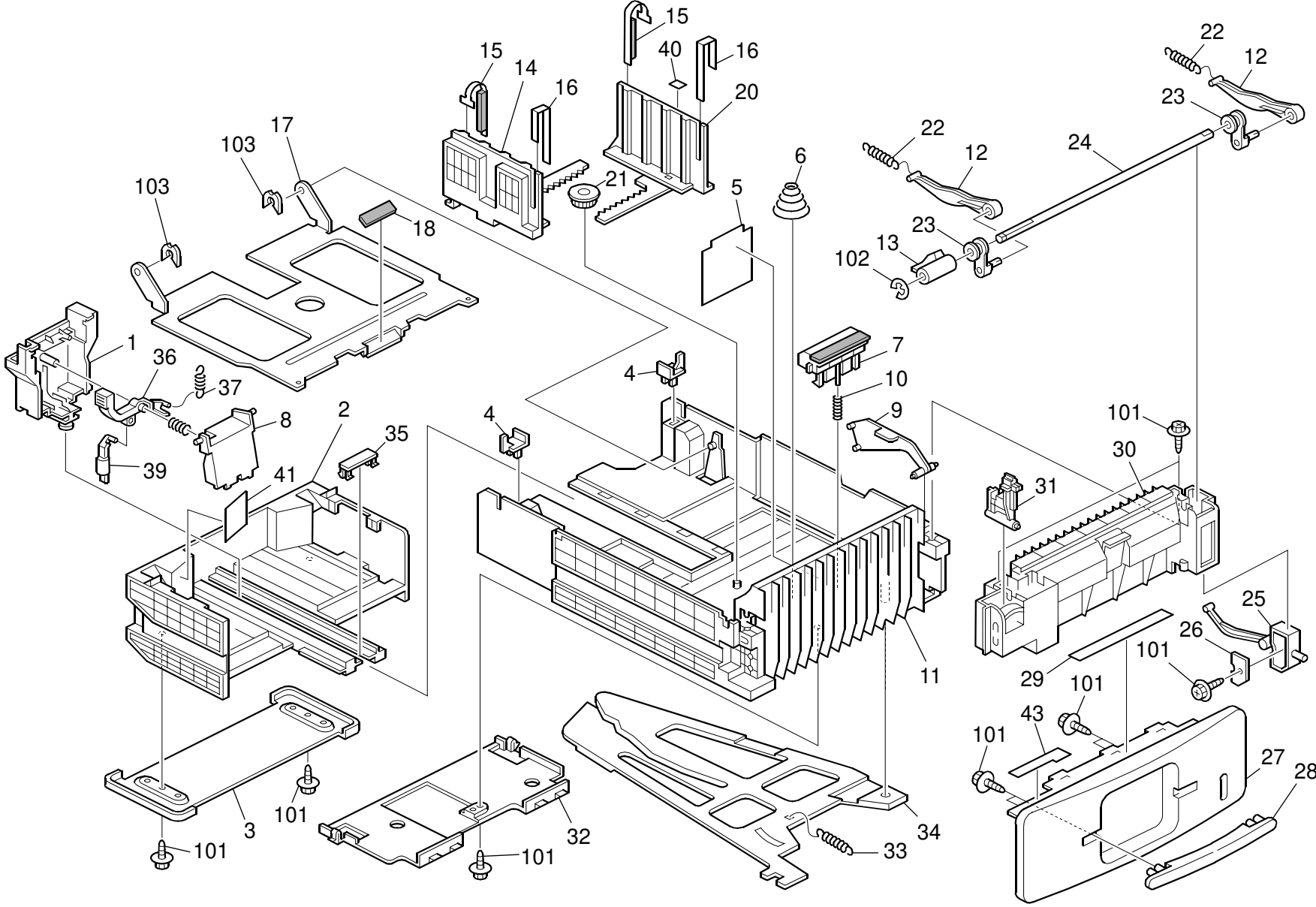


## 17.Laser Unit (M052/M053/M054)

| Index No. | Part No.  | Description                                          | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------------------|-------------------|
| 1         | M001 1904 | Imaging Unit                                         | 1                 |
| 2         | M021 3345 | Roller:Guide                                         | 2                 |
| 3         | M021 1052 | Tightener:AIO                                        | 2                 |
| 4         | M021 1054 | Coil Spring:Tightener:AIO                            | 2                 |
| 5         | M052 1051 | Cover:Stay:LSU                                       | 1                 |
| 6         | G111 1910 | Caution Decal - Laser                                | 1                 |
| 7         | M052 5444 | Drawer:Fusing Sub-Unit:Set Sensor:NA                 | 1                 |
| 7         | M052 5445 | Drawer:Fusing Sub-Unit:Set Sensor:EU                 | 1                 |
| 8         | GX06 0029 | Polygon Scanner Motor:DC24V 24W                      | 1                 |
| 9         | M052 1070 | Screw:Drawer:Fusing                                  | 2                 |
| 10        | M021 1070 | Stay:LSU                                             | 1                 |
| 11        | M052 1095 | Guide:Sheet:Block:Laser                              | 1                 |
| 12        | M052 1094 | Sheet:Block:Laser                                    | 1                 |
| 13        | M052 1096 | Support:Sheet:Block:Laser                            | 1                 |
| 14        | M052 6923 | Decal:High Temperature:<br>Attention:Fixation Roller | 1                 |
| 15        | M052 5407 | M/H Ass'y:LDB:NA                                     | 1                 |
| 15        | M052 5449 | M/H Ass'y:LDB:EU                                     | 1                 |
| 16        | G168 5403 | Harness:Polygon Mirror:Syncdetector:Board            | 1                 |
| 17        | G052 5060 | Syncronization Detector                              | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3012N | Tapping Screw:3x12    |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8  |                   |
| 103       | 0450 3010N | Tapping Screw - M3x10 |                   |

## 18. Paper Tray (M052/M053/M054)

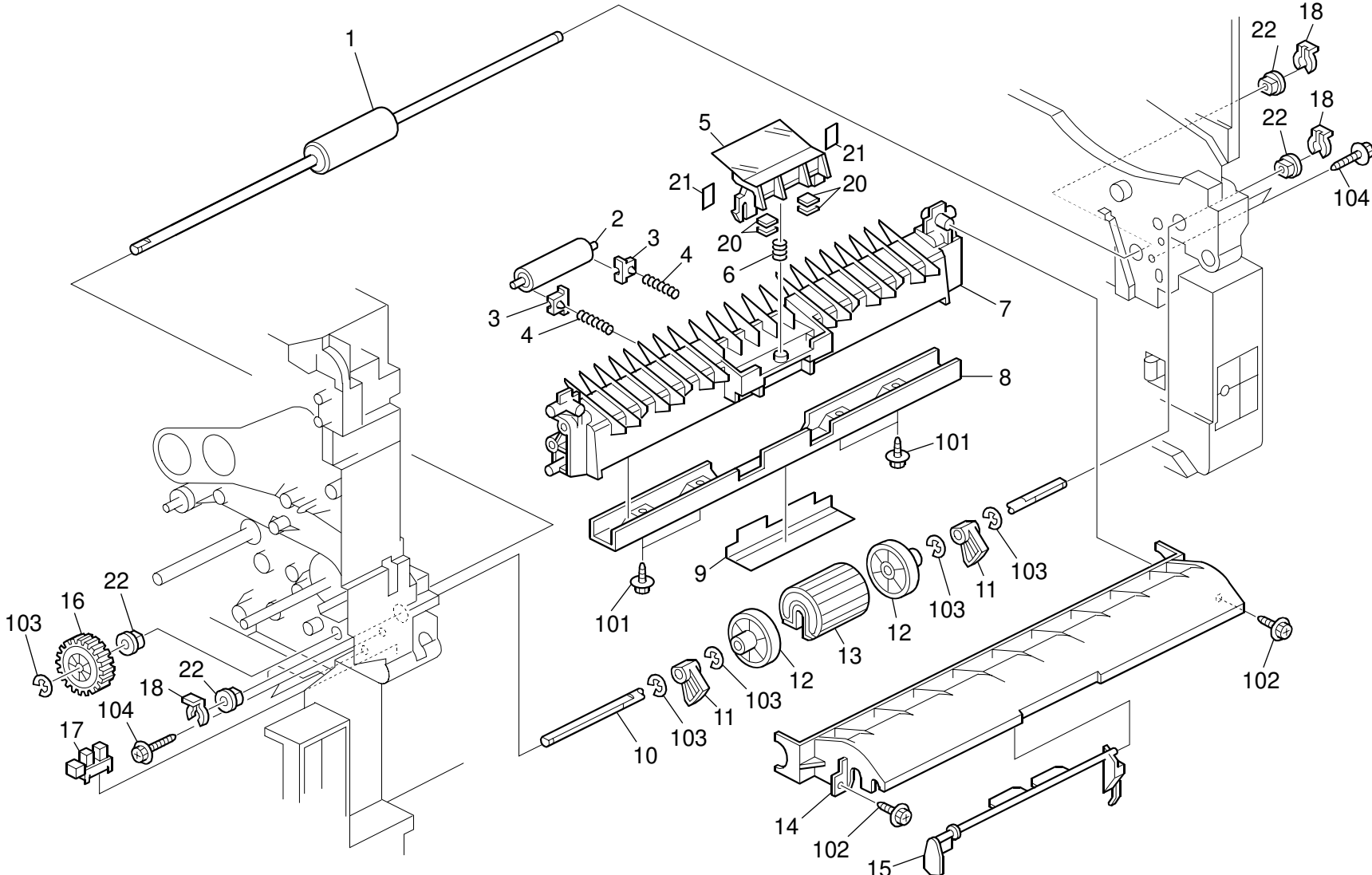


## 18.Paper Tray (M052/M053/M054)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 1         | M021 2565 | Base End Fence                        | 1                 |
| 2         | M021 2551 | Rear Tray Paper Feed                  | 1                 |
| 3         | M021 2552 | Supporting Plate:Rear Tray            | 1                 |
| 4         | M021 2609 | Stopper:Rear Tray                     | 2                 |
| 5         | M021 2603 | Sheet:Holder:Paper Tray               | 1                 |
| 6         | G102 2817 | Compression Spring:Tray Bottom Plate  | 1                 |
| 7         | G096 3066 | Friction Pad Adhesion                 | 1                 |
| 8         | M021 2568 | Pressure Plate:End Fence              | 1                 |
| 9         | M052 2605 | Feeler Paper Volume Bottom Plate Tray | 1                 |
| 10        | M021 2674 | Compression Spring Separation         | 1                 |
| 11        | M021 2601 | Front Tray:Paper Fedd                 | 1                 |
| 12        | M021 2575 | Arm Pressuer Paper Tray               | 2                 |
| 13        | M021 2576 | Change Feeler:Pressuer:Paper Tray     | 1                 |
| 14        | M021 2665 | Side Fence:Left                       | 1                 |
| 15        | M021 2613 | Seal:Side Fence:Rear                  | 2                 |
| 16        | M021 2614 | Seal:Side Fence:Front                 | 2                 |
| 17        | M021 2657 | Pad:Bottom Plate:Tray                 | 1                 |
| 18        | G555 3069 | Pad:Base                              | 1                 |
| 19        | 0805 0089 | Retaining Ring - M4                   | 2                 |
| 20        | M021 2656 | Side Fence:Right                      | 1                 |
| 21        | B090 2869 | Gear - 16Z                            | 1                 |
| 22        | G096 3083 | Spring Tension                        | 2                 |
| 23        | M021 2577 | Cam:Pressure:Paper Tray               | 2                 |
| 24        | M021 2574 | Shaft:Pressure:Paper Tray             | 1                 |
| 25        | M021 2581 | Indicator:Paper Volume:Bottom Plate   | 1                 |
| 26        | M021 2582 | Weight:Indicator:Paper Volume         | 1                 |
| 27        | M052 2591 | Cover:Paper Tray:Front                | 1                 |
| 28        | M052 2592 | Handle:Paper Tray:Front               | 1                 |
| 29        | M052 6930 | Decal:Paper Pressure:Lever            | 1                 |
| 30        | M021 2572 | Guide:Paper Pressure:Tray             | 1                 |
| 31        | M021 2573 | Change Lever:Pressure:Tray            | 1                 |
| 32        | M021 2654 | Cover:Paper Size Sensing Plate:Tray   | 1                 |
| 33        | M021 2655 | Spring:Paper Size Sensing Plate:Tray  | 1                 |
| 34        | M021 2652 | Plate:Paper Size Sensing:Tray         | 1                 |
| 35        | M021 2553 | Cap:Paper Tray                        | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 36        | M021 2566  | Lever:End Fence                   | 1                 |
| 37        | M052 2569  | Tension Spring End Fence          | 1                 |
| 38        | G096 3089  | End Fence Compression Spring 3.5N | 1                 |
| 39        | M021 2567  | Protection:End Fence              | 1                 |
| 40        | M052 2653  | Decal:Operating Arrow Direction   | 1                 |
| 41        | M052 6933  | Decal:Operating Explanation       | 1                 |
| 42        | M052 6932  | Decal:Paper Setting               | 1                 |
| 101       | 0450 3008N | Tapping Screw - M3x8              |                   |
| 102       | 0720 0040E | Retaining Ring - M4               |                   |

## 19. Paper Feed 1 (M052/M053/M054)

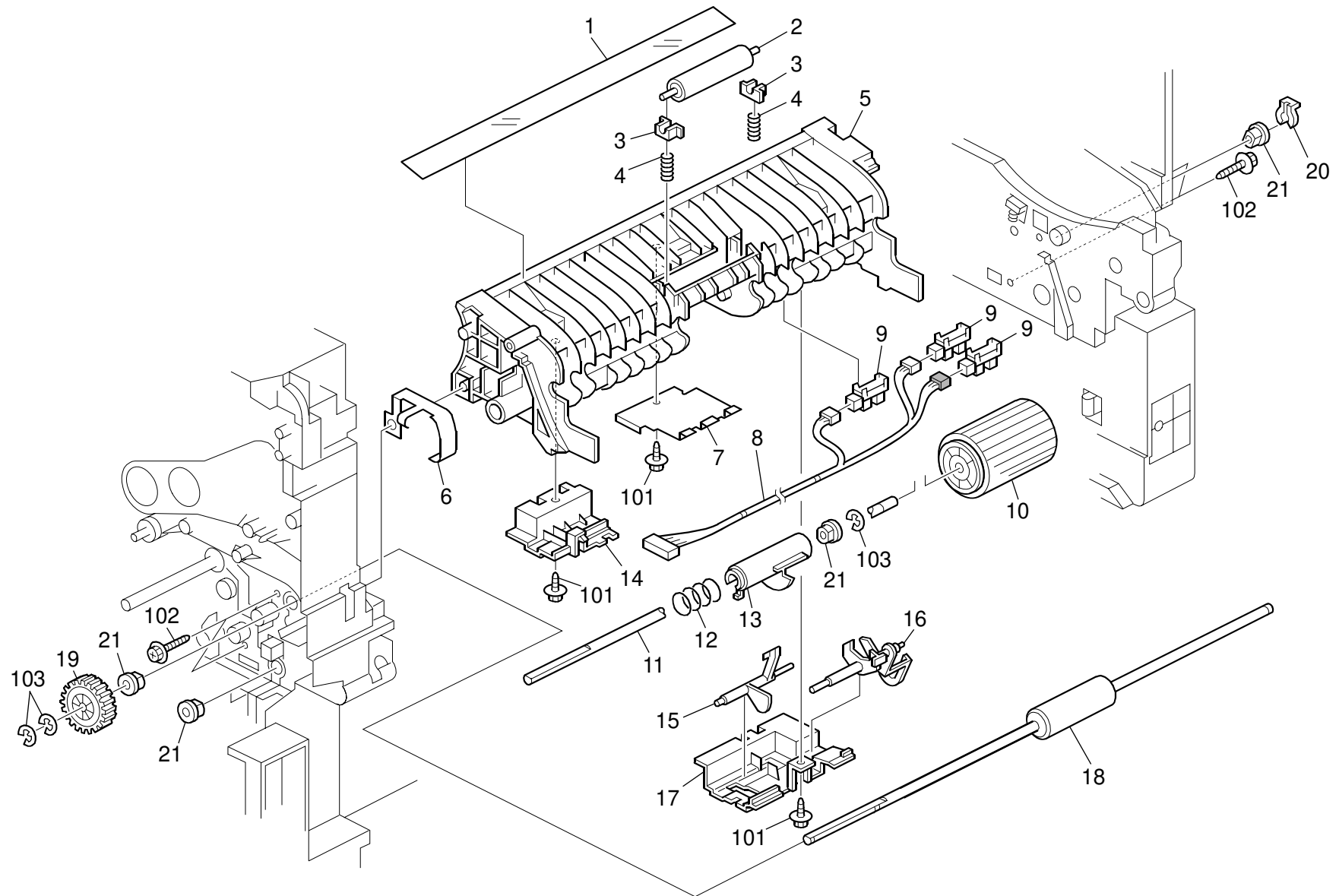


## 19.Paper Feed 1 (M052/M053/M054)

| Index No. | Part No.  | Description                                    | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------------|-------------------|
| 1         | M021 2831 | Roller:Connecting:Lower                        | 1                 |
| 2         | B090 2742 | Roller:Pull Out:Option Tray                    | 1                 |
| 3         | AA08 2144 | Bushing - 8x12x7                               | 2                 |
| 4         | AA06 3399 | Spring - Vertical Transport                    | 2                 |
| 5         | M021 2711 | Holder:Friction Pad:Manual Feed                | 1                 |
| 6         | M021 2763 | Compression Spring:Separation:Manual Feed      | 1                 |
| 7         | M021 2701 | Stay:Manual Feed                               | 1                 |
| 8         | M021 2702 | Supporting Plate:Stay:Manual Feed              | 1                 |
| 9         | M021 2717 | Mylar:Say:Manual Feed                          | 1                 |
| 10        | M021 2730 | Shaft:Roller:Manual Feed:Ass'y                 | 1                 |
| 11        | M021 2722 | Cam:Shaft:Manual Feed                          | 2                 |
| 12        | M021 2724 | Roller:Guide:Manual Feed                       | 2                 |
| 13        | GF03 1003 | Paper Feed Roller:MM30                         | 1                 |
| 14        | M021 2762 | Frame:Manual Feed                              | 1                 |
| 15        | M021 2769 | Feeler:Manual Feed                             | 1                 |
| 16        | M021 2833 | Gear:Connecting:Roller                         | 1                 |
| 17        | AW02 0141 | Photointerruptor                               | 1                 |
| 18        | 5447 2681 | Snap Ring                                      | 3                 |
| 19        | M021 2712 | Mylar Holder:Friction Pad:Manual Feed          | 1                 |
| 20        | M021 2713 | Balancer:Friction Pad:Manual Feed              | 4                 |
| 21        | M052 2714 | Rear Mylar Holder:Friction Pad:<br>Manual Feed | 2                 |
| 22        | AA08 2118 | Bushing - 6mm                                  | 4                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 102       | 0450 3010M | Tapping screw:3x10   |                   |
| 103       | 0720 0040E | Retaining Ring - M4  |                   |
| 104       | 0450 3012N | Tapping Screw:3x12   |                   |

## 20.Paper Feed 2 (M052/M053/M054)

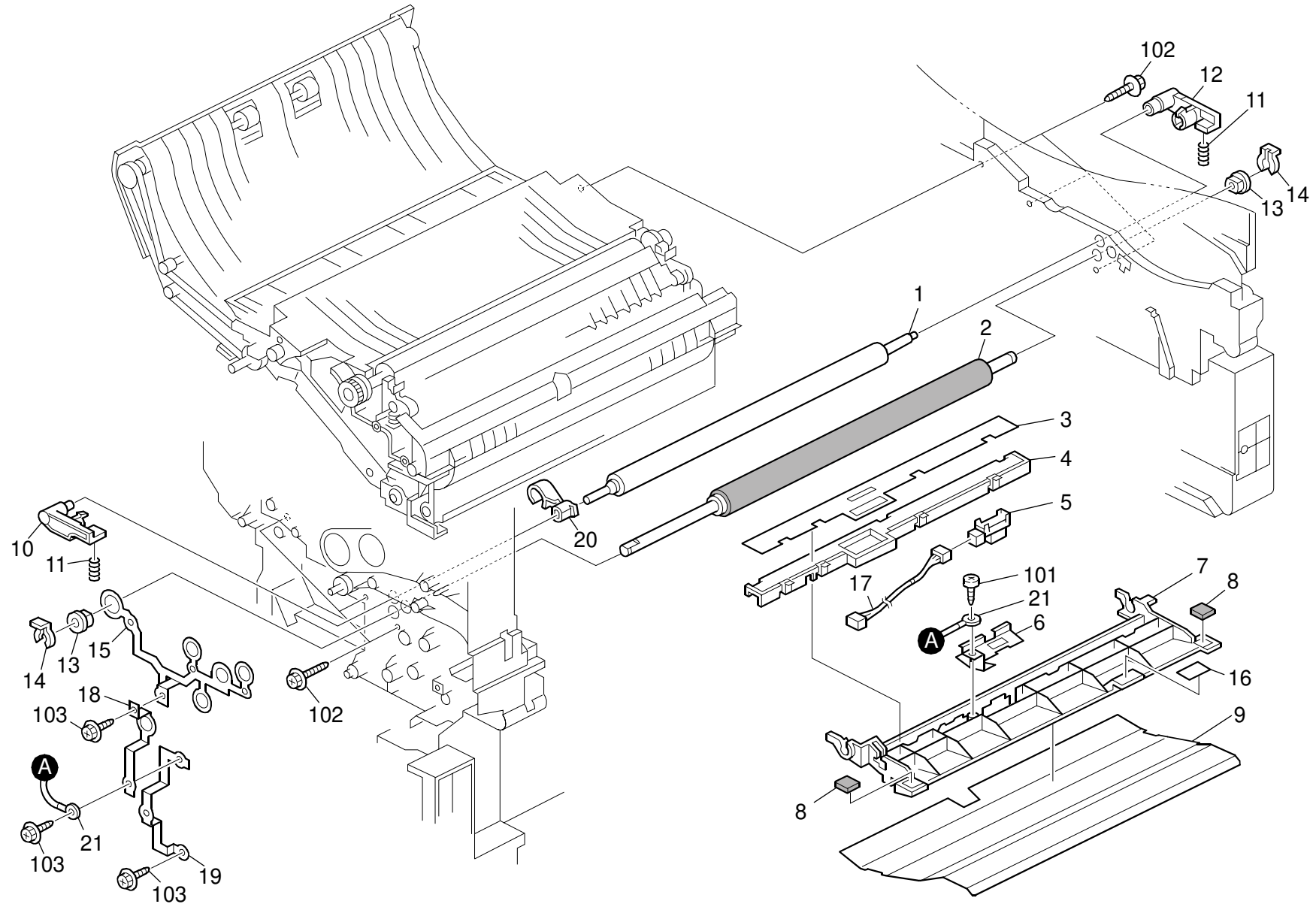


## 20.Paper Feed 2 (M052/M053/M054)

| Index No. | Part No.  | Description                                     | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------------|-------------------|
| 1         | M021 2804 | Guide Mylar:Feed Stay:Upper                     | 1                 |
| 2         | B090 2742 | Roller:Pull Out:Option Tray                     | 1                 |
| 3         | AA08 0249 | Bushing - Vertical Transport                    | 2                 |
| 4         | M05 22826 | Compression Spring:Connecting Roller:<br>Driven | 2                 |
| 5         | M021 2801 | Stay:Paper Feed                                 | 1                 |
| 6         | M021 2813 | Ground Plate:Paper Tray:Stay                    | 1                 |
| 7         | M021 2815 | Shield Plate:Paper Feed                         | 1                 |
| 8         | M052 5424 | M/H Ass'y:Tray                                  | 1                 |
| 9         | AW02 0141 | Photointerruptor                                | 3                 |
| 10        | G052 3103 | Paper Feed Roller                               | 1                 |
| 11        | M021 2814 | Shaft:Paper Feed                                | 1                 |
| 12        | M021 2816 | Compression Spring:Lever:Feed Roller            | 1                 |
| 13        | M021 2803 | Lever Release Feed Roller                       | 1                 |
| 14        | M021 2810 | Cover:Stay:Left                                 | 1                 |
| 15        | M021 2808 | Feeler:Paper End Sensor:Stay                    | 1                 |
| 16        | M021 2809 | Feeler:Paper Volume:Stay                        | 1                 |
| 17        | M021 2811 | Cover:Stay:Right                                | 1                 |
| 18        | M021 2832 | Roller:Connecting:Upper                         | 1                 |
| 19        | M021 2833 | Gear:Connecting:Roller                          | 1                 |
| 20        | 5447 2681 | Snap Ring                                       | 1                 |
| 21        | AA08 2118 | Bushing - 6mm                                   | 4                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 102       | 0450 3012N | Tapping Screw:3x12    |                   |
| 103       | 0720 0040E | Retaining Ring - M4   |                   |

## 21.Paper Resist (M052/M053/M054)

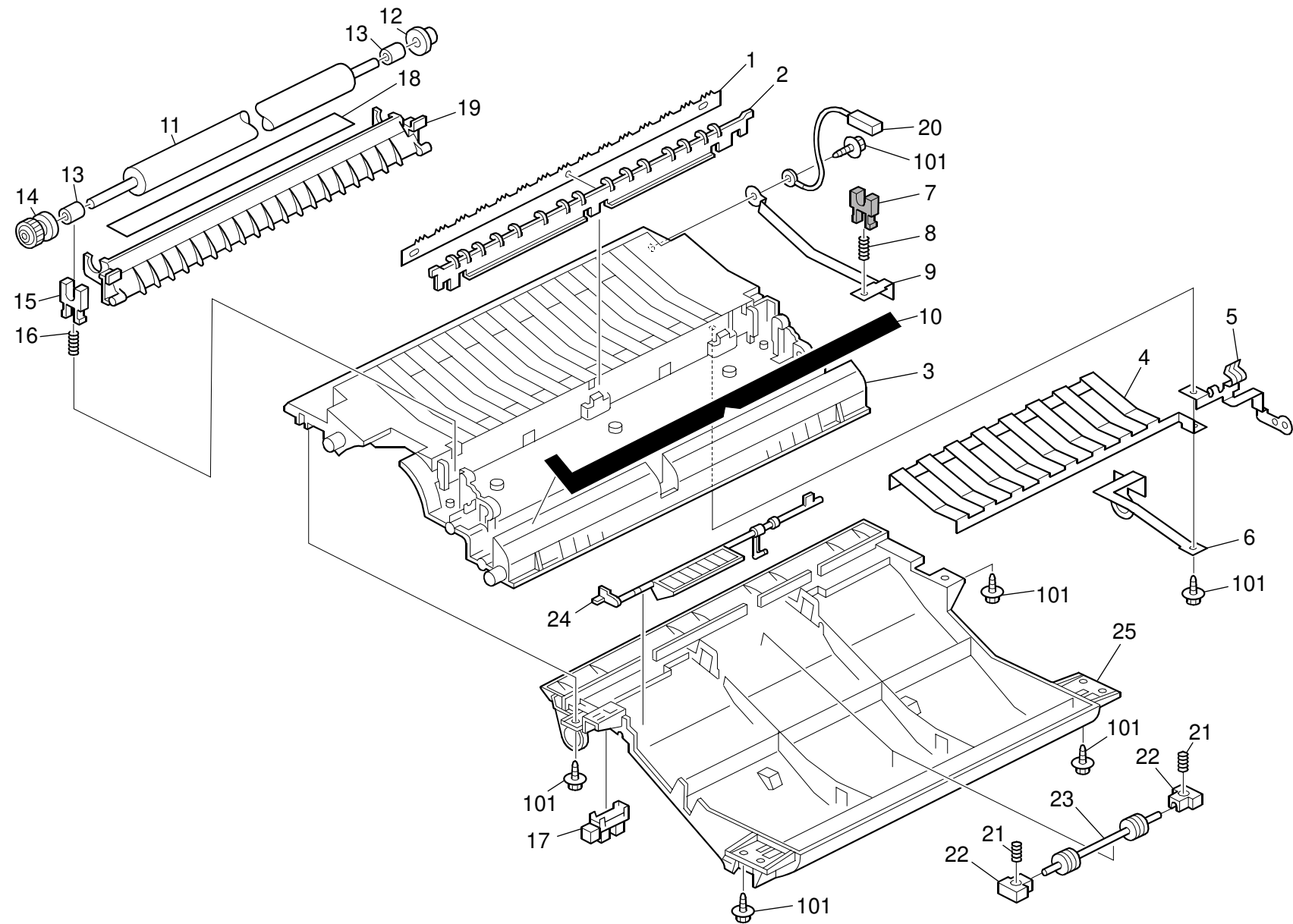


## 21.Paper Resist (M052/M053/M054)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | M021 2916 | Registration Roller:Drive           | 1                 |
| 2         | M021 2917 | Roller Registration Driven 14.12    | 1                 |
| 3         | M021 2967 | Sheet:Cleaner:Registration          | 1                 |
| 4         | M021 2968 | Bracket:Sensor:Registration         | 1                 |
| 5         | GW01 0007 | Photo Reflection Sensor:Exit        | 1                 |
| 6         | M021 2965 | Ground Plate:Sensor:Registration    | 1                 |
| 7         | M021 2966 | Guide Plate:Registration:Upper      | 1                 |
| 8         | M021 2964 | Seal:Registration Guide:Poron       | 2                 |
| 9         | M052 2912 | Seal:Guide Plate:Registration:Upper | 1                 |
| 10        | G052 3258 | Left Bushing - Registration         | 1                 |
| 11        | AA06 3539 | Spring - Registration Roller        | 2                 |
| 12        | G052 3257 | Right Bushing - Registration        | 1                 |
| 13        | AA08 2116 | Bushing - 8x12x7                    | 2                 |
| 14        | 5215 2621 | Snap Ring - M6                      | 2                 |
| 15        | M021 2844 | Ground Plate:Shaft:Drive Rollers    | 1                 |
| 16        | M052 6920 | Decal:Guide Plate:B                 | 1                 |
| 17        | M052 5426 | M/H Ass'y:Regist Sensor             | 1                 |
| 18        | M021 2843 | Ground Plate:Shaft:Paper Feed       | 1                 |
| 19        | M052 2842 | Ground Plate:Sensor Board           | 1                 |
| 20        | M052 2919 | Blocking Cap:Bushing:Registration   | 1                 |
| 21        | M052 5433 | M/H Ass'y:Ground Wire:Regist Sensor | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3012N | Tapping Screw:3x12   |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8 |                   |

## 22.Paper Transfer 1 (M052/M053/M054)

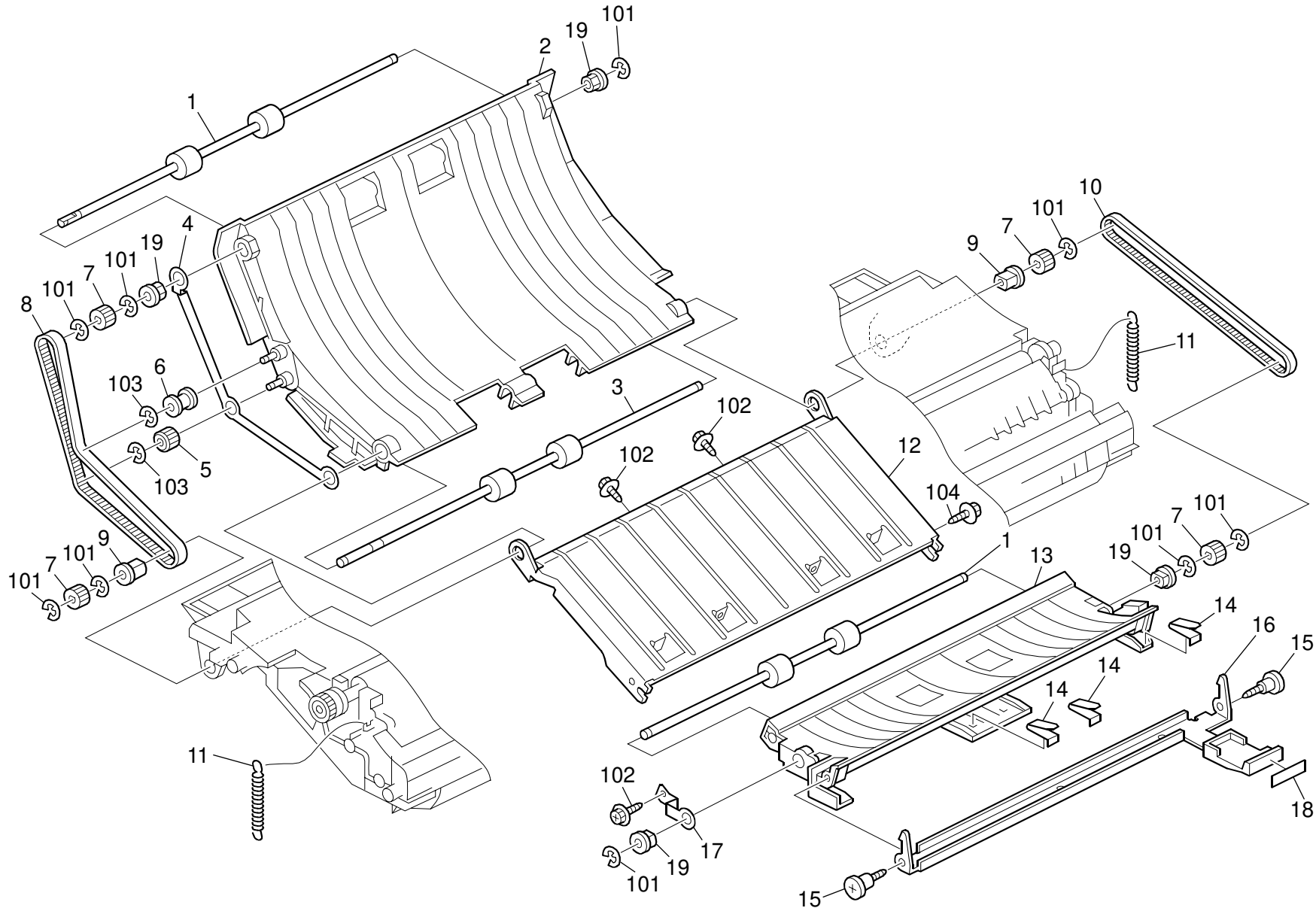


## 22.Paper Transfer 1 (M052/M053/M054)

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 1         | M021 3867 | Electrode Plate:Separation               | 1                 |
| 2         | M021 3868 | Cover:Electrode Plate                    | 1                 |
| 3         | M021 3861 | Guide:Transfer:Upper                     | 1                 |
| 4         | M021 3864 | Ground Plate:Guide:Transport             | 1                 |
| 5         | M021 3862 | Terminal:Transfer                        | 1                 |
| 6         | M021 3865 | Ground Plate:Guide:Duplex                | 1                 |
| 7         | G052 3625 | Right Bushing - Transfer                 | 2                 |
| 8         | M021 3879 | Compression Spring:Transfer Roller:Right | 2                 |
| 9         | M021 3863 | Terminal:Separation                      | 1                 |
| 10        | M021 3866 | Registration Guide                       | 1                 |
| 11        | M052 3871 | Transfer Roller                          | 1                 |
| 12        | M052 6251 | Roller:Positioning:Transfer Roller       | 1                 |
| 13        | G129 6255 | Bushing                                  | 2                 |
| 14        | M021 6252 | Gear:Transfer Roller                     | 1                 |
| 15        | G052 3626 | Left Bushing - Transfer                  | 1                 |
| 16        | M021 3869 | Compression Spring:Transfer Roller       | 1                 |
| 17        | GW02 0020 | Photointerruptor:LG248NL1                | 1                 |
| 18        | M052 3852 | Sheet:Guide Plate:Transfer               | 1                 |
| 19        | M052 3851 | Guide Plate:Transfer                     | 1                 |
| 20        | M05 25427 | M/H Ass'y:Hight Voltage Line:T           | 1                 |
| 21        | M021 4619 | Compression Spring:2N                    | 4                 |
| 22        | D010 4313 | Bushing:MM4                              | 4                 |
| 23        | M021 4618 | Driven Roller:Duplex                     | 2                 |
| 24        | M021 4621 | Feeler:Duplex:Middle                     | 1                 |
| 25        | M021 4617 | Guide:Transport:Duplex                   | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8 |                   |

23.Paper Transfer 2 (M052/M053/M054)

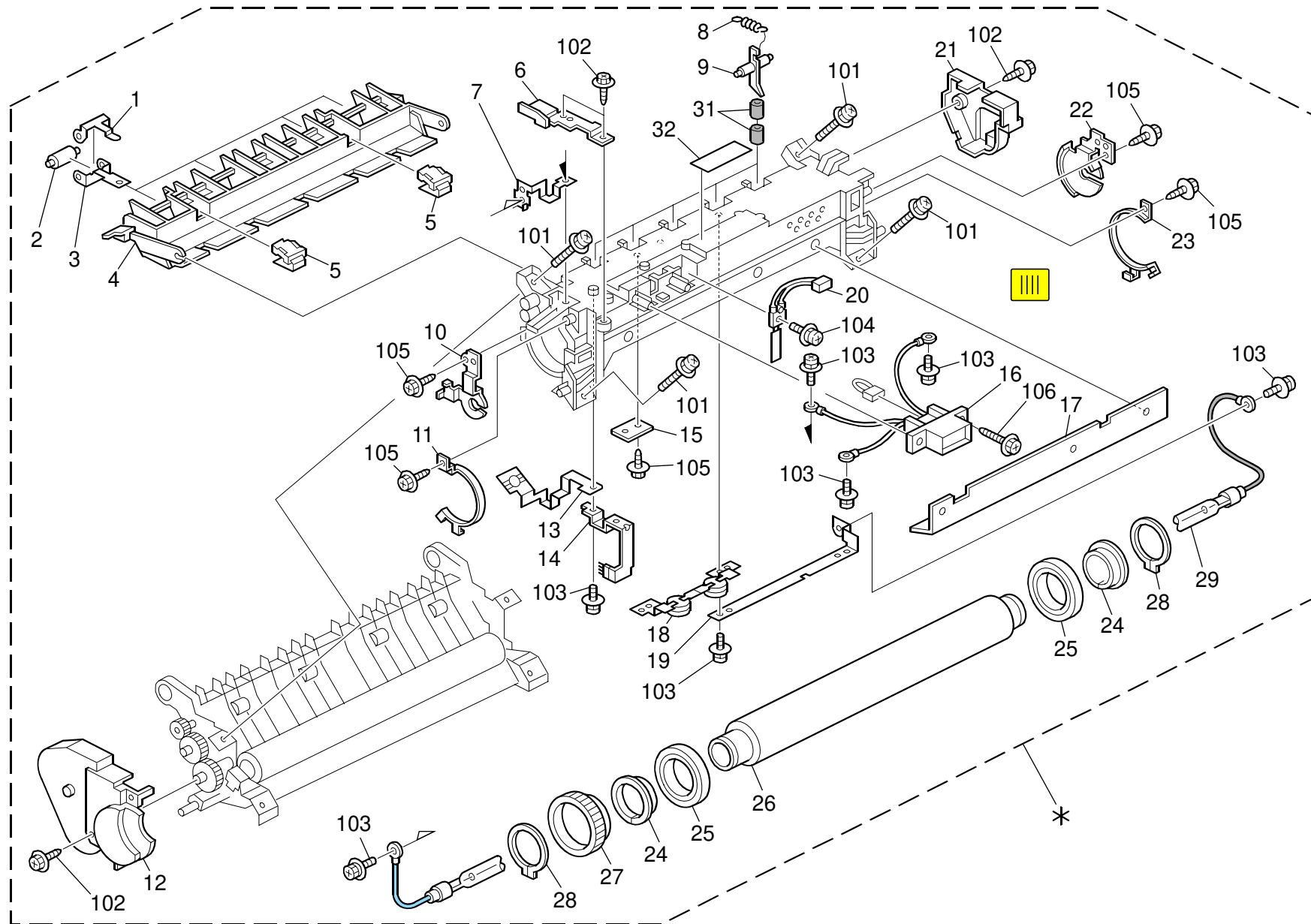


### 23.Paper Transfer 2 (M052/M053/M054)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | M021 4612 | Roller:Duplex:Front                 | 2                 |
| 2         | M021 4601 | Guide:Duplex:Rear:Ass'y             | 1                 |
| 3         | M052 4994 | Roller:Duplex:Middle:MF             | 1                 |
| 4         | M021 4663 | Ground Plate:Guide:Rear             | 1                 |
| 5         | M021 4605 | Pulley:Idler:15T                    | 1                 |
| 6         | M021 4606 | Pulley:Idler                        | 1                 |
| 7         | M021 4608 | Pulley:25T                          | 4                 |
| 8         | M052 4996 | Synchronous Belt:Rear               | 1                 |
| 9         | AA08 2058 | Bushing - 6x10x9mm                  | 2                 |
| 10        | M052 4997 | Synchronous Belt:Front              | 1                 |
| 11        | M021 4625 | Coil Spring:Duplex                  | 2                 |
| 12        | M021 4610 | Guide:Duplex:Front:Ass'y            | 1                 |
| 13        | M021 4633 | Guide:Duplex:Feed Paper Again       | 1                 |
| 14        | M021 4634 | Spring Plate:Feed Paper Again       | 3                 |
| 15        | B039 4480 | Stepped Screw - M5                  | 2                 |
| 16        | M021 4630 | Handle:Cover                        | 1                 |
| 17        | M021 4662 | Ground Plate:Guide:Feed Paper Again | 1                 |
| 18        | M052 6921 | Decal:Guide Plate:Z2                | 1                 |
| 19        | AA08 2118 | Bushing - 6mm                       | 4                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0720 0040E | Retaining Ring - M4   |                   |
| 102       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 103       | 0720 0030E | Retaining Ring - M3   |                   |

## 24.Fusing Unit 1 (M052/M053/M054)

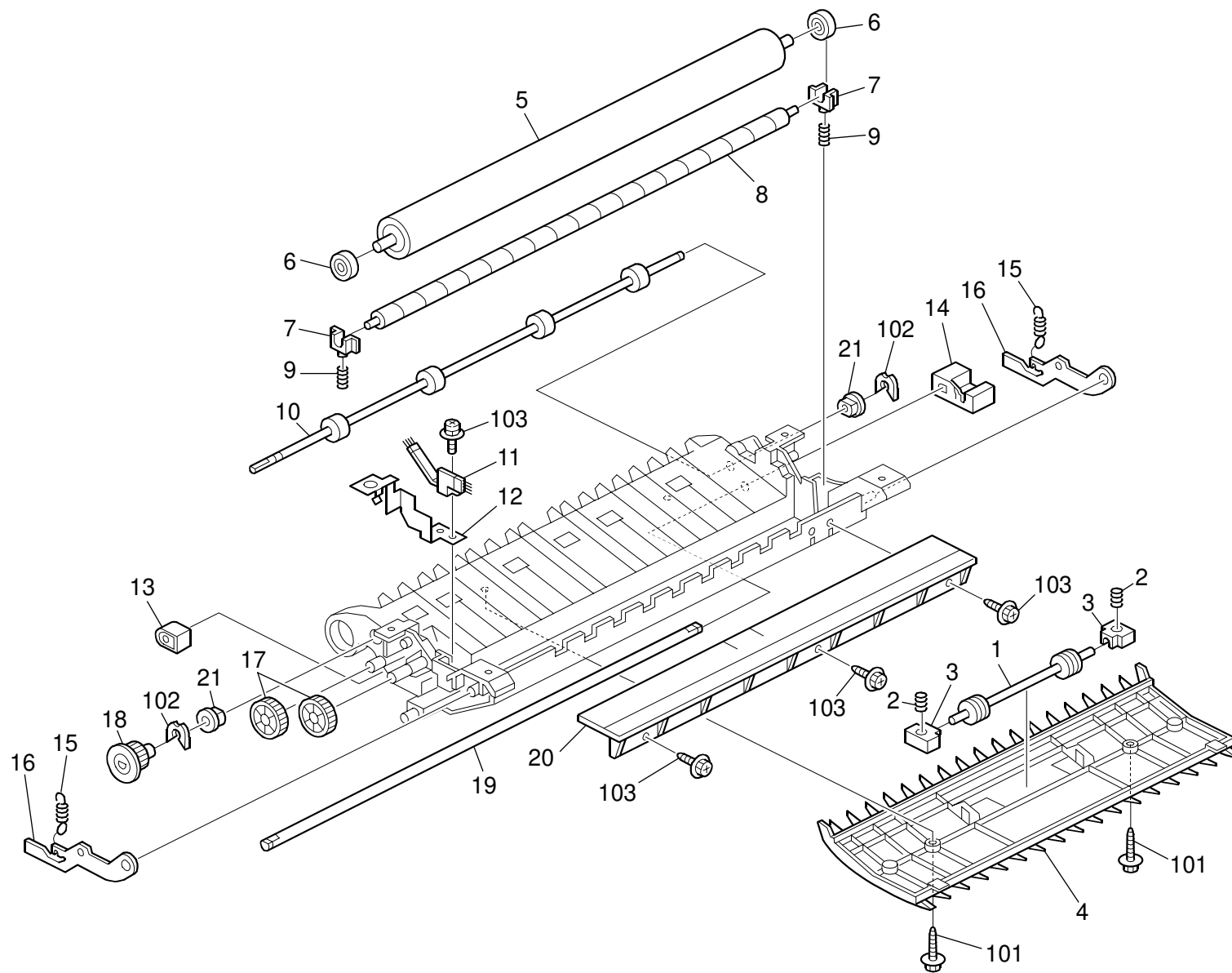


## 24.Fusing Unit 1 (M052/M053/M054)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| *         | M052 0211 | Fusing Unit:NA                      | 1                 |
| *         | M052 0212 | Fusing Unit:EU/AP                   | 1                 |
| 1         | G096 4638 | Exit Roller Supporting Plate        | 4                 |
| 2         | G800 4854 | Exit Roller                         | 4                 |
| 3         | G052 4639 | Exit Roller Holder                  | 4                 |
| 4         | M052 4200 | Guide:Exit:Fusing                   | 1                 |
| 5         | M052 4235 | Spring Plate:Fusing Exit:Ass'y      | 2                 |
| 6         | M052 4227 | Plate:Harness:Upper                 | 1                 |
| 7         | M052 4082 | Ground Plate:Fusing                 | 1                 |
| 8         | M052 4063 | Spring - Fusing Stripper            | 5                 |
| 9         | G052 4624 | Hot Roller Stripper                 | 5                 |
| 10        | M052 4225 | Bracket:Heater:Left                 | 1                 |
| 11        | M052 4231 | Bracket:Bearing:Fusing:Left         | 1                 |
| 12        | M052 4310 | Cover:Fusing:Left                   | 1                 |
| 13        | M052 4239 | Electrode:Heater                    | 1                 |
| 14        | M052 4237 | Discharge Brush:Hot Roller          | 1                 |
| 15        | M042 4226 | Plate:Harness:Fusing                | 1                 |
| 16        | M052 5442 | Drawer:Fusing:120V                  | 1                 |
| 16        | M052 5443 | Drawer:Fusing:230V                  | 1                 |
| 17        | G175 4644 | Entrance Guide Plate - Upper        | 1                 |
| 18        | M052 4243 | Thermostat:Ass'y                    | 1                 |
| 19        | G175 4602 | Electrode Plate - Right             | 1                 |
| 20        | M052 4241 | Thermistor                          | 1                 |
| 21        | M052 4300 | Cover:Fusing:Right                  | 1                 |
| 22        | G096 4616 | Right Heater Bracket                | 1                 |
| 23        | M052 4232 | Bracket:Bearing:Fusing:Right        | 1                 |
| 24        | AE03 2027 | Thermal Insulating Bushing          | 2                 |
| 25        | G052 4618 | Bearing 30x42x7                     | 2                 |
| 26        | M052 4101 | Hot Roller                          | 1                 |
| 27        | M052 4102 | Gear:Hot Roller                     | 1                 |
| 28        | M052 4236 | End Ring:Hot Roller                 | 2                 |
| 29        | M052 4115 | Heater:1025W:120V:QIRF              | 1                 |
| 29        | M052 4116 | Heater:1025W:220V:QIRF              | 1                 |
| 30        | M052 4080 | Upper Frame:Fuser                   | 1                 |
| 31        | M052 4302 | Heat Shrinkable Tube:Stripper Pawls | 10                |

| Index No. | Part No.   | Description                                    | Q'ty Per Assembly |
|-----------|------------|------------------------------------------------|-------------------|
| 32        | M052 6924  | Decal:Warning High Temperature:<br>Fusing Unit | 1                 |
| 101       | 0954 3012N | Screw - M3x12                                  |                   |
| 102       | 0450 3010N | Tapping Screw - M3x10                          |                   |
| 103       | 0954 3008N | Screw - M3x8                                   |                   |
| 104       | 0954 3010N | Screw:Polished Round/Spring:M3x10              |                   |
| 105       | 0450 3008N | Tapping Screw - M3x8                           |                   |
| 106       | 0451 3012N | Screw:M3x12                                    |                   |

## 25.Fusing Unit 2 (M052/M053/M054)

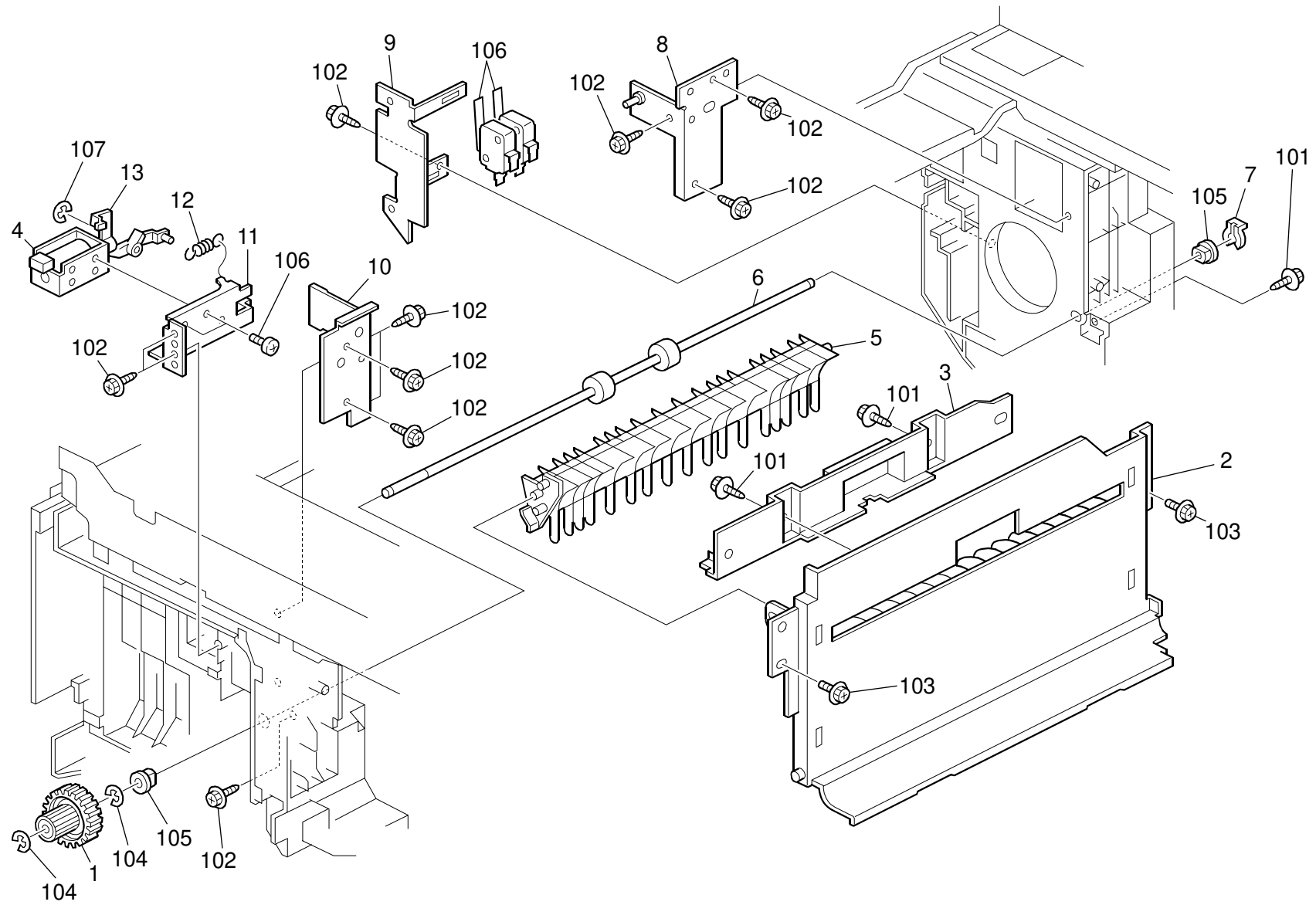


## 25.Fusing Unit 2 (M052/M053/M054)

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 1         | M052 4618 | Driven Roller:Duplex:Drive                | 1                 |
| 2         | M021 4619 | Compression Spring:2N                     | 2                 |
| 3         | D010 4313 | Bushing:MM4                               | 2                 |
| 4         | M052 4071 | Frame:Pressure                            | 1                 |
| 5         | M052 4059 | Pressure Roller                           | 1                 |
| 6         | A232 3553 | Ball Bearing - 8x16x5                     | 1                 |
| 7         | AA08 2073 | Roller Busing                             | 2                 |
| 8         | M052 4202 | Cleaning Roller:Ass'y                     | 1                 |
| 9         | M052 4224 | Compression Spring:Cleaning Roller:Fusing | 2                 |
| 10        | M052 4066 | Exit Roller:Fusing                        | 1                 |
| 11        | M052 4053 | Discharge Brush:Pressure                  | 1                 |
| 12        | M052 4052 | Ground Plate:Pressure                     | 1                 |
| 13        | M052 4182 | Left Pressure Lever                       | 1                 |
| 14        | M052 4183 | Right Pressure Lever                      | 1                 |
| 15        | M052 4062 | Pressure Spring - Fusing                  | 2                 |
| 16        | M052 4061 | Lever:Pressure                            | 2                 |
| 17        | M052 4070 | Gear:28T:Fusing:Exit                      | 2                 |
| 18        | M052 4228 | Gear:Exit Roller                          | 1                 |
| 19        | M052 4055 | Shaft:Pressure                            | 1                 |
| 20        | G175 4681 | Fusing Entrance Guide Plate               | 1                 |
| 21        | AA08 2118 | Bushing - 6mm                             | 2                 |
| 22        | M052 4301 | Decal:Bar Code Label:Fuser                | 1                 |
| 23        | M052 4050 | Pressure Frame:Upper                      | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 102       | 0805 0089  | Retaining Ring - M4   |                   |
| 103       | 0954 3008N | Screw - M3x8          |                   |

## 26.Paper Exit 1 (M052/M053/M054)

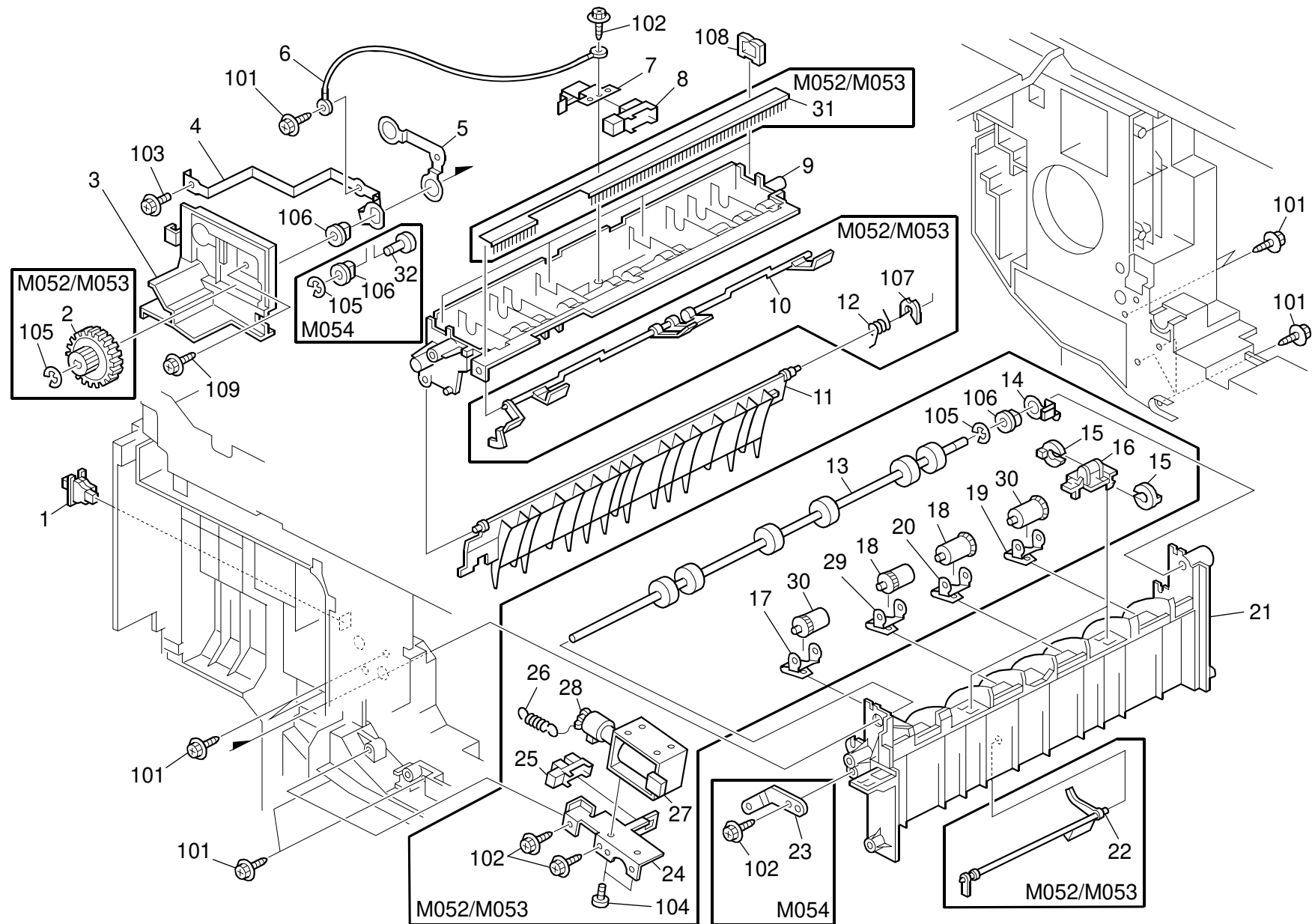


## 26.Paper Exit 1 (M052/M053/M054)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | M052 4424 | Gear:1Bin Relay:Ass'y     | 1                 |
| 2         | M052 4450 | Guide:Exit:Duplex         | 1                 |
| 3         | M052 4451 | Guide:Upper:Exit:Duplex   | 1                 |
| 4         | M052 4410 | Solenoid:Ass'y:Exit       | 1                 |
| 5         | M052 4479 | Gate Pawl:1Bin            | 1                 |
| 6         | M052 4457 | Roller:Relay:1bin         | 1                 |
| 7         | 5447 2681 | Snap Ring                 | 1                 |
| 8         | M052 1013 | Bracket:Frame:Right:Ass'y | 1                 |
| 9         | M052 1046 | Cover:Safety Switch       | 1                 |
| 10        | M052 1010 | Bracket:Frame:Left:Ass'y  | 1                 |
| 11        | M052 4472 | BRKT:Solenoid             | 1                 |
| 12        | M052 4475 | Spring:1Bin Branch        | 1                 |
| 13        | M052 4474 | Link:1Bin:Solenoid        | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8  |                   |
| 102       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 103       | 0451 3008N | Tapping Screw - M3x8  |                   |
| 104       | 0720 0040E | Retaining Ring - M4   |                   |
| 105       | 1204 2521  | Micro Switch          |                   |
| 106       | 0353 0040N | Screw - M3x4          |                   |
| 107       | 0720 0030E | Retaining Ring - M3   |                   |

## 27.Paper Exit 2 (M052/M053/M054)

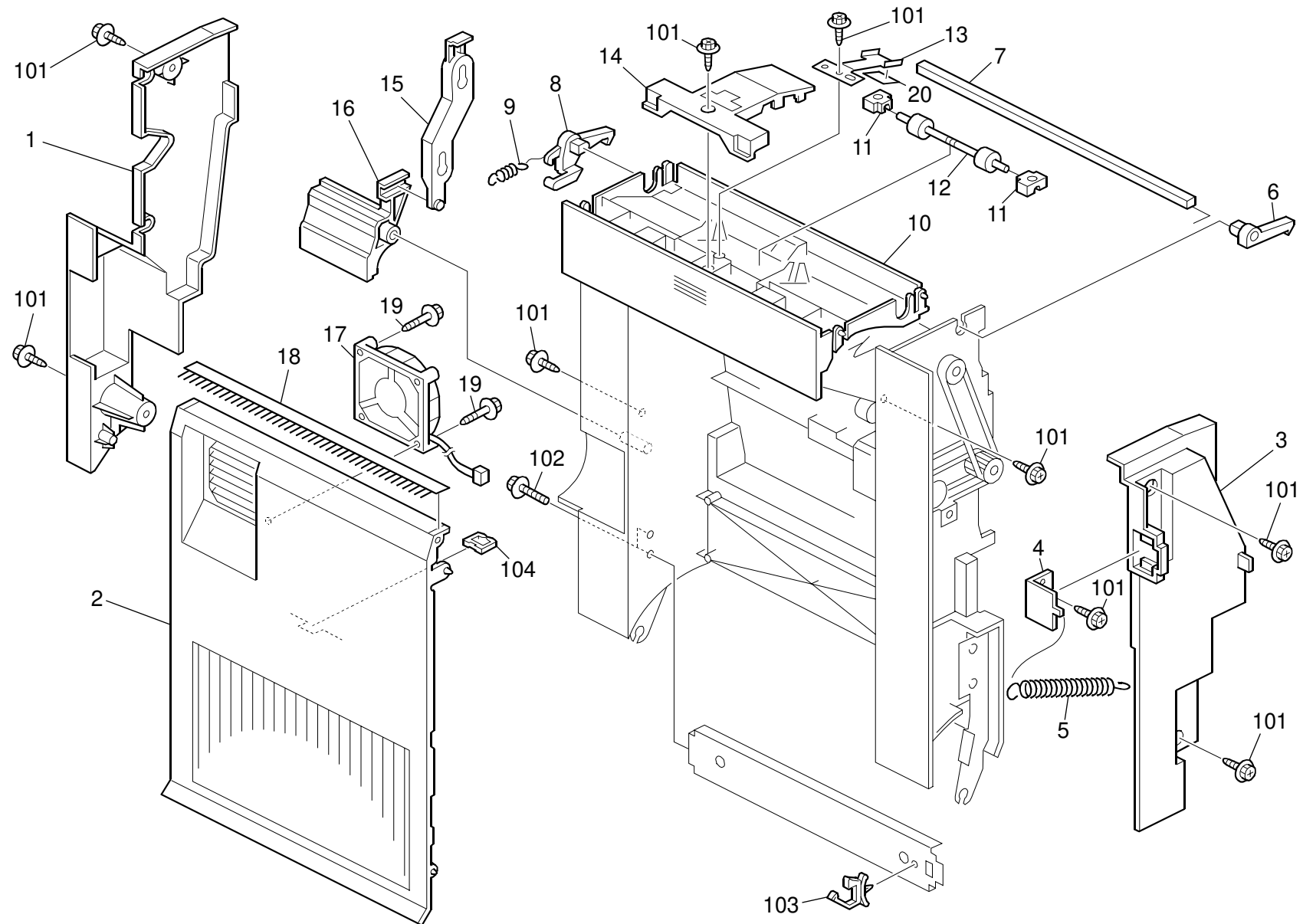


## 27.Paper Exit 2 (M052/M053/M054)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | G020 5626 | Push Switch                       | 1                 |
| 2         | M052 4456 | Gear:Exit:MF                      | 1                 |
| 3         | M052 4477 | Guide:Harness:Drive               | 1                 |
| 4         | M052 4460 | Ground Plate:Exit Rooler          | 1                 |
| 5         | M052 4476 | Ground Plate:1Bin Relay           | 1                 |
| 6         | M052 5434 | M/H Ass'y:Ground Wire:1Bin Middle | 1                 |
| 7         | M052 4467 | Cover:Sensor                      | 1                 |
| 8         | AW02 0107 | Photointerruptor                  | 1                 |
| 9         | M052 4464 | Guide:Lower:Exit:Duplex           | 1                 |
| 10        | M052 4452 | Feeler:Exit:Overflow              | 1                 |
| 11        | M052 4462 | Gate Pawl:Duplex                  | 1                 |
| 12        | M052 4463 | Torsion Spring:Gate Pawl:Duplex   | 1                 |
| 13        | M052 4455 | Roller:Exit:MF                    | 1                 |
| 14        | M052 4481 | Earth Plate:Brush:Exit            | 1                 |
| 15        | M052 4469 | Roller:Guide                      | 4                 |
| 16        | M052 4438 | Base:Decurire:Exit                | 2                 |
| 17        | G052 4871 | Left Holder - Exit Driven Roller  | 1                 |
| 18        | M052 4875 | Roller:Paper:Exit                 | 2                 |
| 19        | G052 4872 | Right Holder - Exit Driven Roller | 1                 |
| 20        | G052 4877 | Right Spring Plate                | 1                 |
| 21        | M052 4461 | Cover:Exit                        | 1                 |
| 22        | M052 4468 | Feeler:Paper Feed Sensor          | 1                 |
| 23        | M054 4450 | Lock:Gate Pawl:Option             | 1                 |
| 24        | M052 4454 | Bracket:Solenoid                  | 1                 |
| 25        | GW02 0020 | Photointerruptor:LG248NL1         | 1                 |
| 26        | M052 4444 | Spring:Exit:Branch                | 1                 |
| 27        | AX11 0126 | DC Solenoid:24V:5.4N              | 1                 |
| 28        | M052 4465 | Link:Solenoid:Exit                | 1                 |
| 29        | G052 4876 | Left Spring Plate                 | 1                 |
| 30        | M052 4434 | Exit:Roller Driven                | 2                 |
| 31        | M052 4453 | Discharge Brush:Exit              | 1                 |
| 32        | M052 4427 | Idle:Shaft:FIN                    | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0450 3012N | Tapping Screw:3x12    |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8  |                   |
| 103       | 0451 3006N | Tapping Screw - 3x6   |                   |
| 104       | 0313 0040N | Screw:M3x4            |                   |
| 105       | 0720 0040E | Retaining Ring - M4   |                   |
| 106       | 0805 3480  | Bushing - 6mm         |                   |
| 107       | 0720 0030E | Retaining Ring - M3   |                   |
| 108       | 1105 0329  | Clamp - ES-0510       |                   |
| 109       | 0450 3010N | Tapping Screw - M3x10 |                   |

## 28. Duplex Unit 1 (M052/M053/M054)

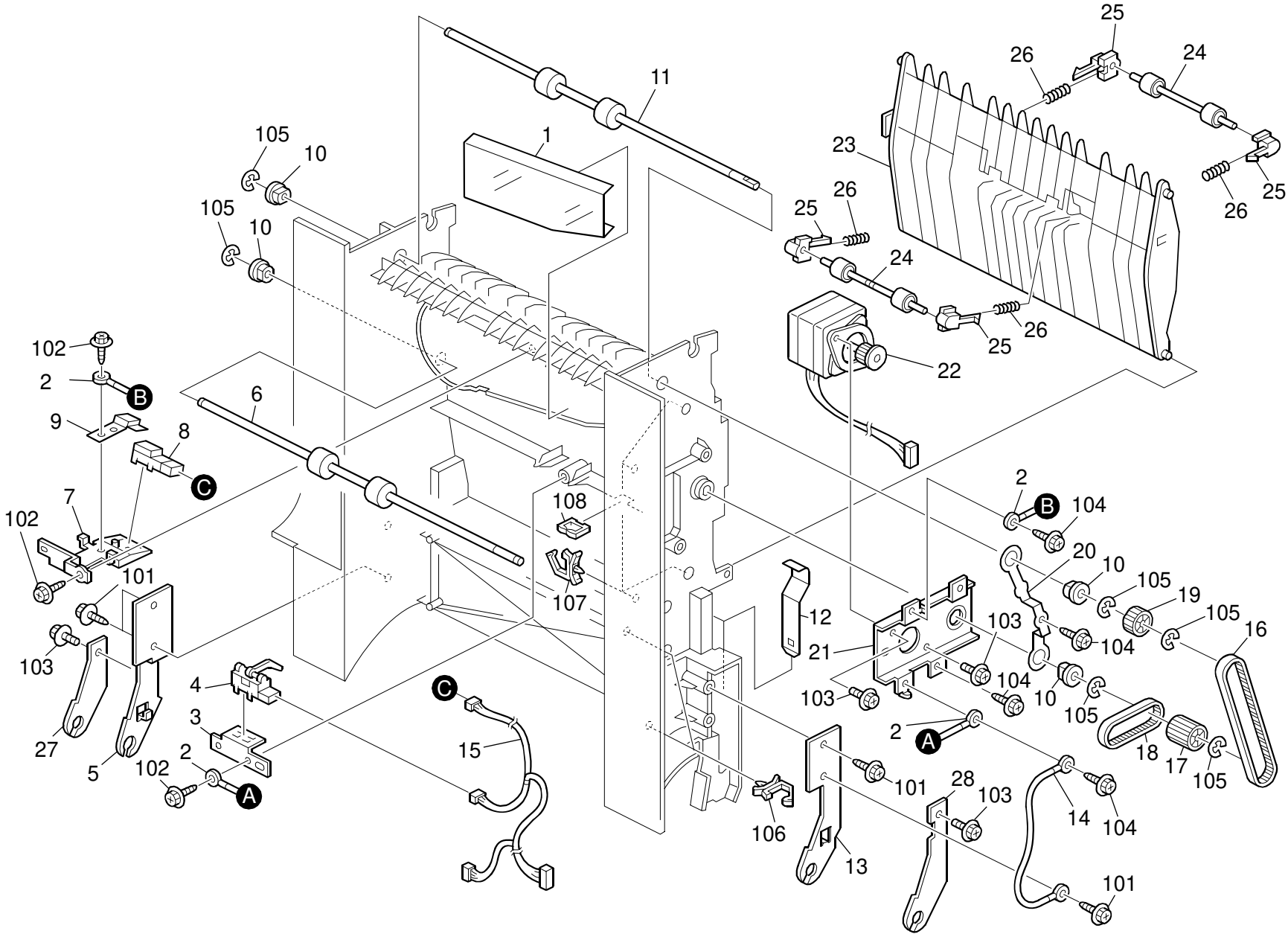


## 28.Duplex Unit 1 (M052/M053/M054)

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 1         | M052 4613 | Cover:Duplex:Right                        | 1                 |
| 2         | M052 4651 | Cover:Fan:MM60                            | 1                 |
| 3         | M052 4621 | Cover:Duplex:Left                         | 1                 |
| 4         | M052 4627 | BKT:Duplex Release                        | 1                 |
| 5         | M052 4628 | Tension Spring:Duplex Unit:Release        | 1                 |
| 6         | M052 4625 | Pawl:Un Lock:Left                         | 1                 |
| 7         | M052 4623 | Shaft:Un Lock                             | 1                 |
| 8         | M052 4624 | Pawl:Un Lock:Right                        | 1                 |
| 9         | M052 4626 | Tension Spring:Pawl:Release               | 1                 |
| 10        | M052 4631 | Guide:Upper                               | 1                 |
| 11        | AA08 0313 | Driven Roller Bushing                     | 2                 |
| 12        | M021 4618 | Driven Roller:Duplex                      | 1                 |
| 13        | M052 4633 | Spring Plate:Pressure:Connecting          | 1                 |
| 14        | M052 4632 | Cover:Wir:Refeed                          | 1                 |
| 15        | M052 4611 | Link:Duplex:Open And Close                | 1                 |
| 16        | M052 4612 | Button:Duplex:Open And Close              | 1                 |
| 17        | M052 4660 | DC Fan Motor:Mm60                         | 1                 |
| 18        | M052 4655 | Antistatic Brush:Exit:Duplex              | 1                 |
| 19        | M052 5150 | Screw:DC Fan Motor:Power Supply Unit:3x22 | 2                 |
| 20        | M052 4634 | Mylar:Spring Plate                        | 1                 |
| 21        | M052 4653 | Support Fan Cover                         | 1                 |
| 22        | M052 4601 | Frame:Duplex                              | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8       |                   |
| 102       | 0451 3008N | Tapping Screw - M3x8       |                   |
| 103       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 104       | 1105 0328  | Harness Clamp - ES-0505    |                   |

## 29. Duplex Unit 2 (M052/M053/M054)

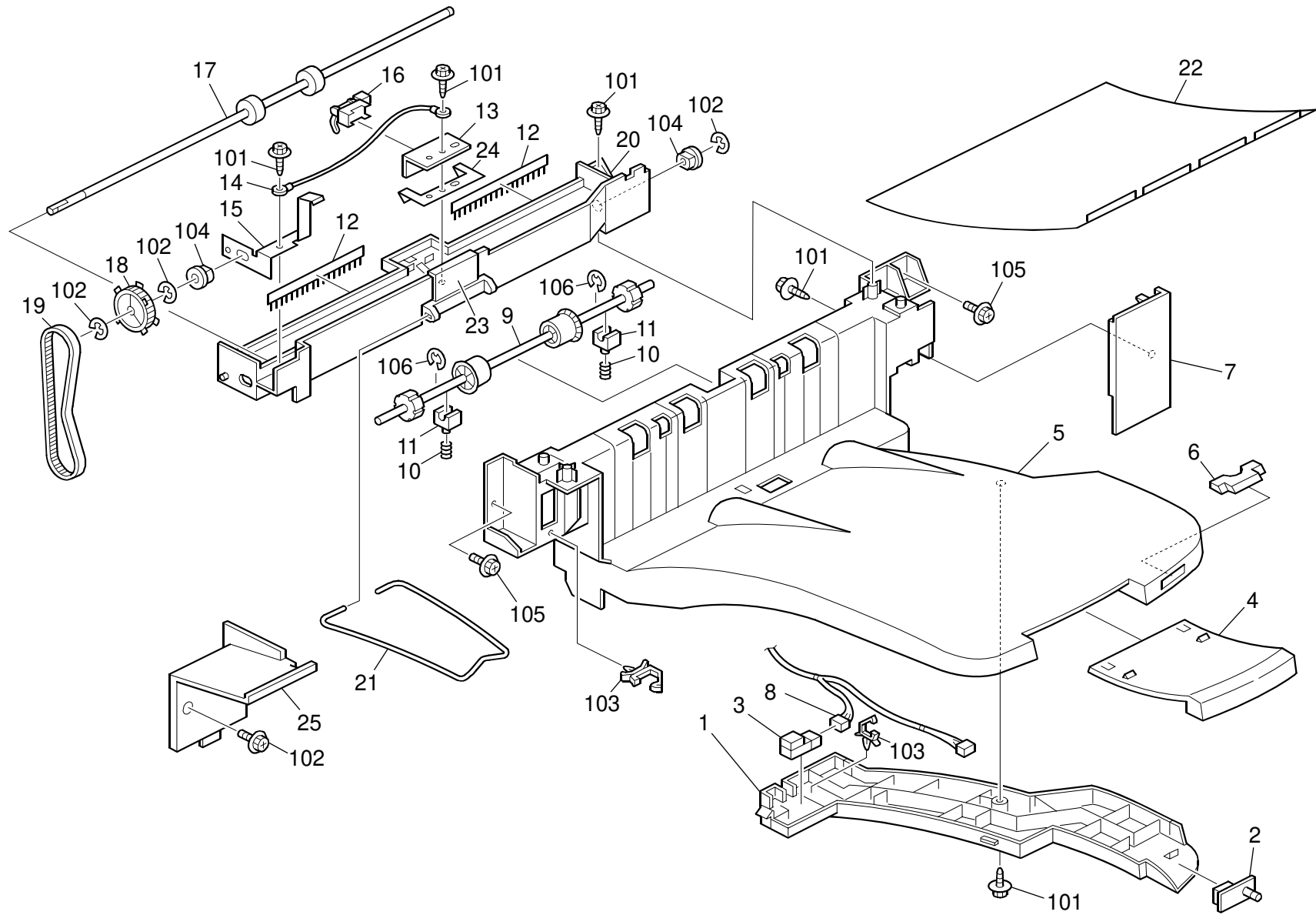


## 29.Duplex Unit 2 (M052/M053/M054)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 1         | M052 4658 | Sheet:Duct                            | 1                 |
| 2         | M052 5423 | M/H Ass'y:Ground Wire:Duplex Unit     | 2                 |
| 3         | M052 4657 | BKT:Duplex Entrance Sensor            | 1                 |
| 4         | AW02 0181 | Paper Feed Sensor                     | 1                 |
| 5         | M052 4614 | BKT:Plate Stay:Duplex                 | 1                 |
| 6         | M052 4807 | Transport Roller:Duplex:Entrance      | 1                 |
| 7         | M052 4652 | Guide:Sensor:Feed Paper Again         | 1                 |
| 8         | GW01 0007 | Photo Reflection Sensor:Exit          | 1                 |
| 9         | M052 4635 | BKT:Duplex Refeed SensorR             | 1                 |
| 10        | AA08 2118 | Bushing - 6mm                         | 4                 |
| 11        | M052 4811 | Transport Roller:Reverse              | 1                 |
| 12        | M052 4648 | Spring Plate:Guide:Pressure           | 2                 |
| 13        | M052 4615 | BKT:Plate Stay:Duplex:Right           | 1                 |
| 14        | M052 5434 | M/H Ass'y:Ground Wire:1Bin Middle     | 1                 |
| 15        | M052 5406 | M/H Ass'y:Duplex                      | 1                 |
| 16        | M052 4813 | Synchronous Belt:Reverse              | 1                 |
| 17        | M052 4808 | Pulley:Entrance:Duplex                | 1                 |
| 18        | M052 4809 | Synchronous Belt:Entrance:Duplex      | 1                 |
| 19        | M052 4812 | Pulley:Reverse                        | 1                 |
| 20        | M052 4514 | Earth Plate:Duplex                    | 1                 |
| 21        | M052 4819 | Bracket:Motor:Reverse                 | 1                 |
| 22        | M052 4803 | DC Stepper Motor:Reverse:Duplex:Ass'y | 1                 |
| 23        | M052 4642 | Guide:Duplex                          | 1                 |
| 24        | M052 4618 | Driven Roller:Duplex:Drive            | 2                 |
| 25        | M052 4643 | Plain Shaft Bearing:DIA4:Duplex       | 4                 |
| 26        | M052 4645 | Spring:Roller:Driven                  | 4                 |
| 27        | M052 4671 | Bracket:Hinge:Duplex:Right            | 1                 |
| 28        | M052 4672 | Bracket:Hinge:Duplex:Left             | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0450 4010N | Tapping Screw:M4x10        |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8       |                   |
| 103       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 104       | 0450 4008N | Tapping Screw - M4x8       |                   |
| 105       | 0720 0040E | Retaining Ring - M4        |                   |
| 106       | 1105 0508  | Harness Clamp - LWS-0711   |                   |
| 107       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 108       | 1105 0328  | Harness Clamp - ES-0505    |                   |

## 30.1bin Tray (M052/M053/M054)

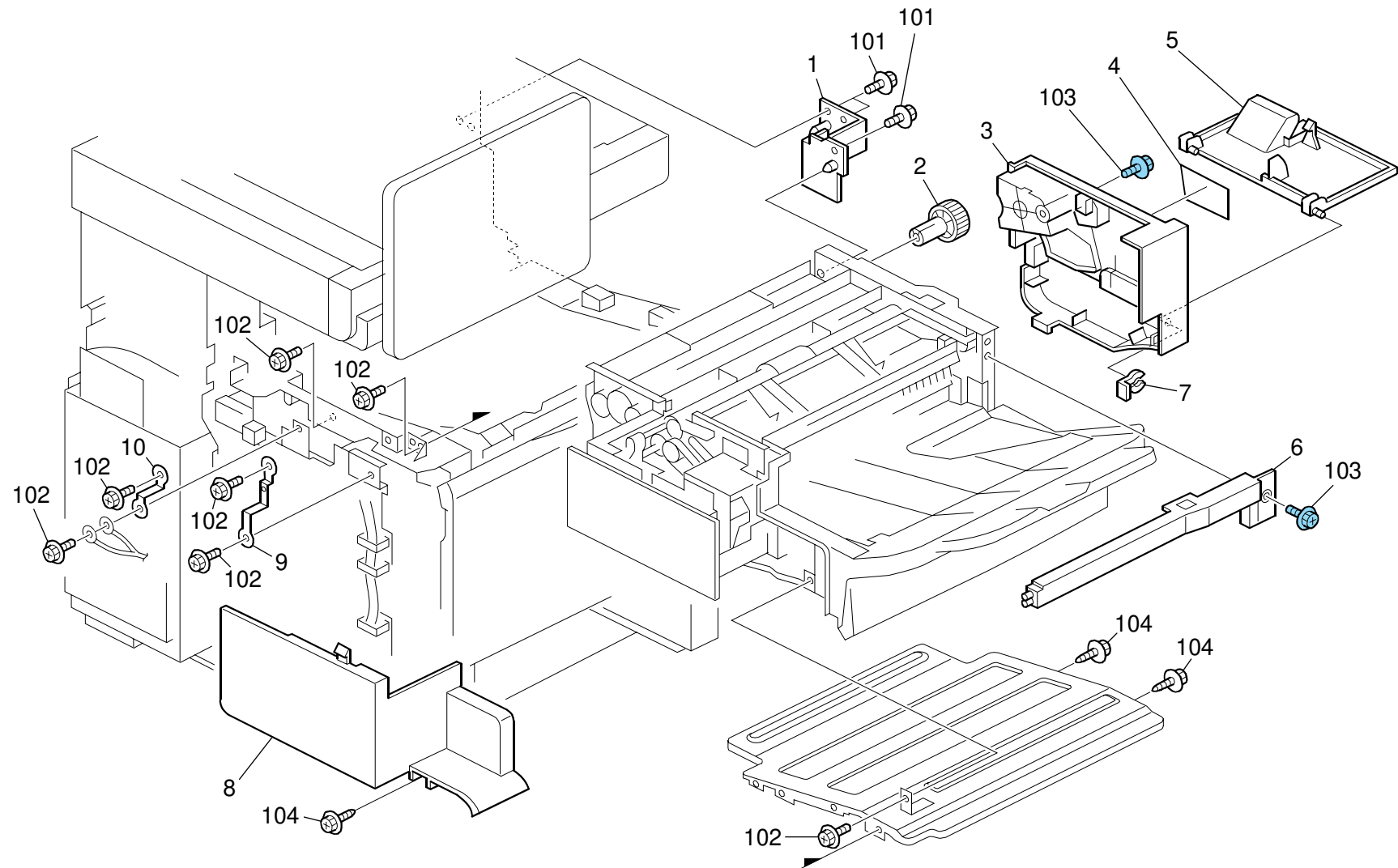


### 30.1bin Tray (M052/M053/M054)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 1         | M052 6552 | Cover:Sensor:1bin                     | 1                 |
| 2         | M052 5570 | PCB:1bin-LED                          | 1                 |
| 3         | GW01 0007 | Photo Reflection Sensor:Exit          | 1                 |
| 4         | M052 6505 | Tray:Exit:1bin                        | 1                 |
| 5         | M052 6504 | Lower Tray:1bin                       | 1                 |
| 6         | M052 6514 | Cap:LED                               | 1                 |
| 7         | M052 6506 | Cover:Frame:Right:Lower               | 1                 |
| 8         | M053 5422 | Harness:1bin                          | 1                 |
| 9         | M052 6105 | Roller:Exit:Driven:Ass'y              | 1                 |
| 10        | D367 3341 | Compression Spring:Exit Roller:Driven | 2                 |
| 11        | AA08 0232 | Bushing - M4                          | 2                 |
| 12        | M052 6511 | Antistatic Brush:1bin                 | 1                 |
| 13        | M052 6351 | Bracket:Sensor:Exit:1bin              | 1                 |
| 14        | M050 5435 | M/H Harness:Ground Wire:Exit          | 1                 |
| 15        | M052 6301 | Earth Plate                           | 1                 |
| 16        | AW02 0181 | Paper Feed Sensor                     | 1                 |
| 17        | M052 6102 | Exit Roller:Driven                    | 1                 |
| 18        | M052 6517 | Timing Pulley:41T                     | 1                 |
| 19        | M052 6101 | Synchronous Belt                      | 1                 |
| 20        | M052 6501 | Upper Frame:1bin                      | 1                 |
| 21        | M052 6302 | Wire:Bail:Stacking                    | 1                 |
| 22        | M052 6507 | Guide:Exit Tray:1bin                  | 1                 |
| 23        | M052 6508 | Stay:Wire:BailL                       | 1                 |
| 24        | M052 6303 | Earth Plate:Exit                      | 1                 |
| 25        | M053 6502 | Cover:Left:Upper:1bin                 | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8       |                   |
| 102       | 0720 0040E | Retaining Ring - M4        |                   |
| 103       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 104       | 0805 3480  | Bushing - 6mm              |                   |
| 105       | 0451 3008N | Tapping Screw - M3x8       |                   |
| 106       | 0720 0060E | Retaining Ring:M3          |                   |

### 31.Finisher Section 1 (M052/M053/M054)

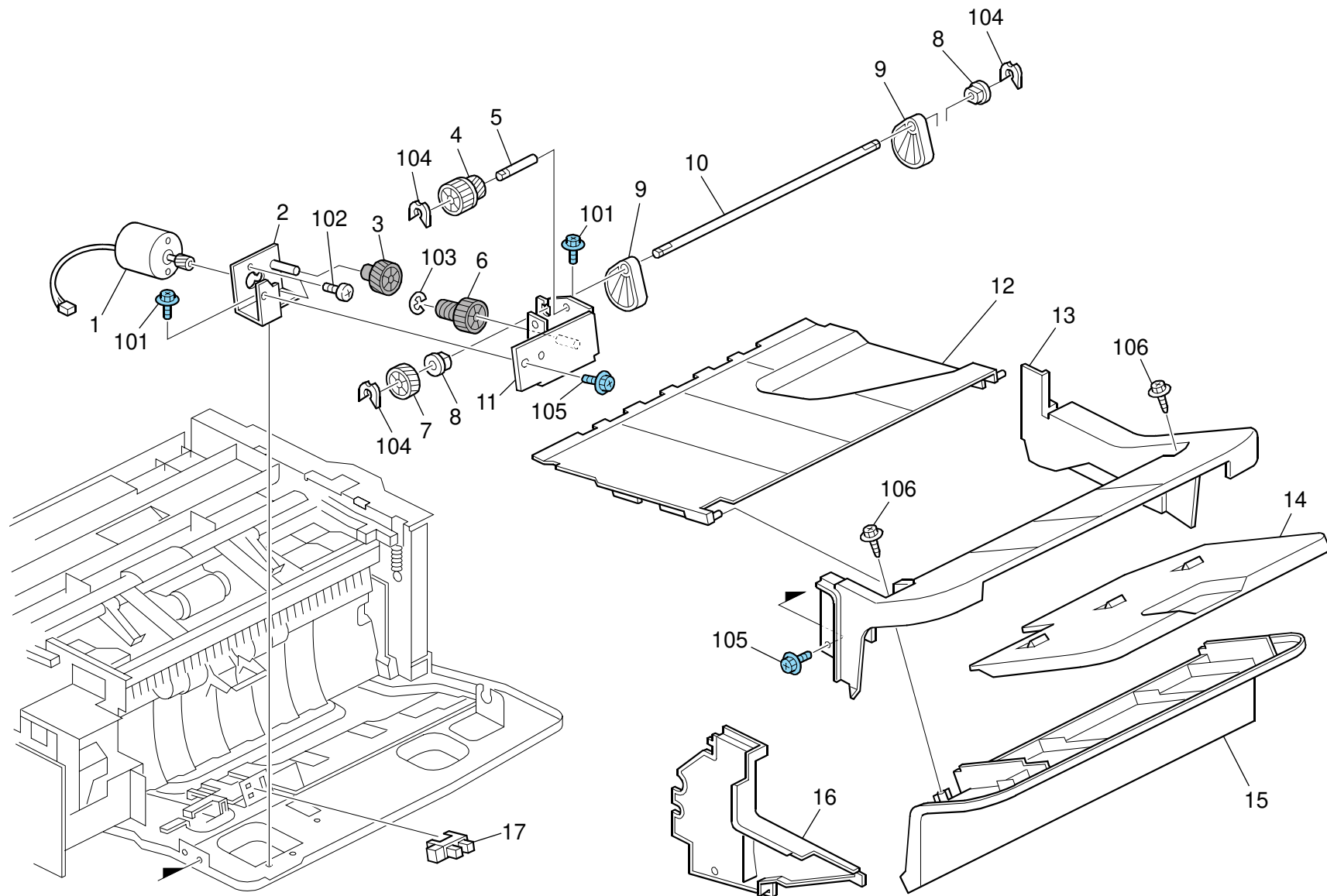


### 31.Finisher Section 1 (M052/M053/M054)

| Index No. | Part No.  | Description                                      | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------------------|-------------------|
| 1         | M054 1042 | Bracket:Finishing Sub-unit:Right:Ass'y           | 1                 |
| 2         | M365 2313 | Knob:Transport Roller:Entrance                   | 1                 |
| 3         | M365 1520 | Cover:Right                                      | 1                 |
| 4         | M366 6811 | Decal:Stapler:Caution                            | 1                 |
| 5         | M365 1530 | Door:Right                                       | 1                 |
| 6         | M366 1520 | Cover:Exit:Upper                                 | 1                 |
| 7         | 5206 2686 | Snap Ring                                        | 1                 |
| 8         | M054 1782 | Cover:Finishing Unit:Left:NA/AA                  | 1                 |
| 8         | M054 1781 | Cover:Finishing Unit:Left:EU                     | 1                 |
| 9         | M052 1088 | Ground Plate:Stay:Finishing Sub-unit:<br>Lower:B | 1                 |
| 10        | M052 1087 | Ground Plate:Stay:Finishing Sub-unit:<br>Lower:A | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 4006N | Tapping Screw - 4x6  |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6  |                   |
| 103       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 104       | 0450 3008N | Tapping Screw - M3x8 |                   |

## 32.Finisher Section 2 (M052/M053/M054)

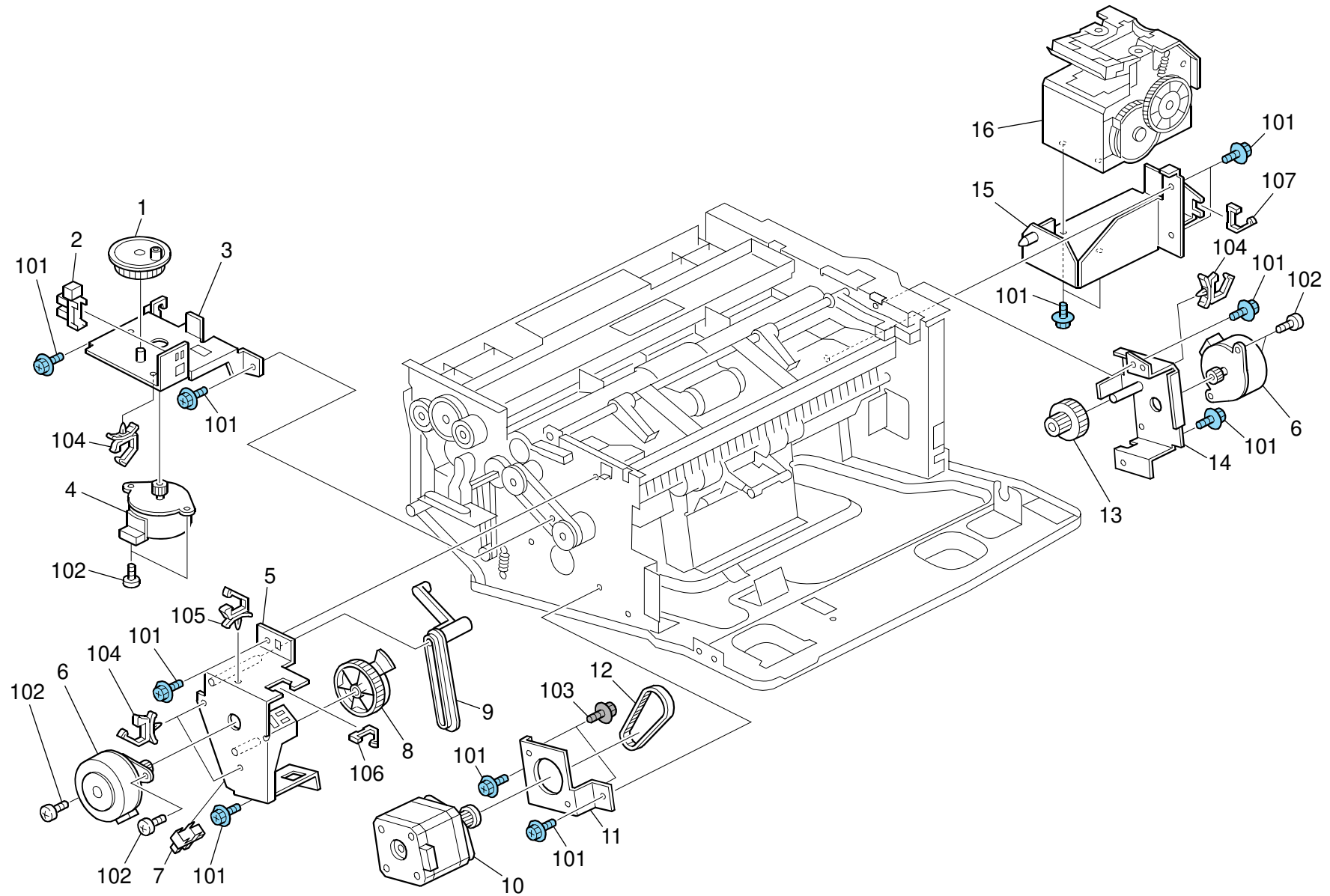


### 32.Finisher Section 2 (M052/M053/M054)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | AX04 0241 | DC Motor:DIA35:3.1W         | 1                 |
| 2         | M365 3310 | Bracket:DC motor:Exit:Ass'y | 1                 |
| 3         | M365 3318 | Gear:IDLER:Z37              | 1                 |
| 4         | M365 3316 | Bracket:Gear                | 1                 |
| 5         | M365 3313 | Shaft:Worm Wheel            | 1                 |
| 6         | M365 3319 | Gear:Z37:Worm Gear          | 1                 |
| 7         | M366 3325 | Gear:Drive:Cam:Z42          | 1                 |
| 8         | AA08 2101 | Bushing - 6x10x6            | 2                 |
| 9         | M366 3322 | Cam:Tray:Moveable           | 2                 |
| 10        | M365 3321 | Shaft:Cam:Tray              | 1                 |
| 11        | M365 3315 | Branket:Gear:Exit:Ass'y     | 1                 |
| 12        | M366 3230 | Tray:Exit:Moveable          | 1                 |
| 13        | M365 3220 | Tray:Exit:Fix               | 1                 |
| 14        | M366 3240 | Tray:Exit:Auxiliary:Small   | 1                 |
| 15        | M365 3230 | Tray:Exit:Fix:Lower         | 1                 |
| 16        | M365 1540 | Cover:Exit:Left             | 1                 |
| 17        | AW02 0141 | Photointerruptor            | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3008Q | Tapping Screw:3X8    |                   |
| 102       | 0353 0040N | Screw - M3x4         |                   |
| 103       | 0720 0040E | Retaining Ring - M4  |                   |
| 104       | 0805 0089  | Retaining Ring - M4  |                   |
| 105       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 106       | 0451 3006N | Tapping Screw - 3x6  |                   |

### 33.Finisher Section 3 (M052/M053/M054)

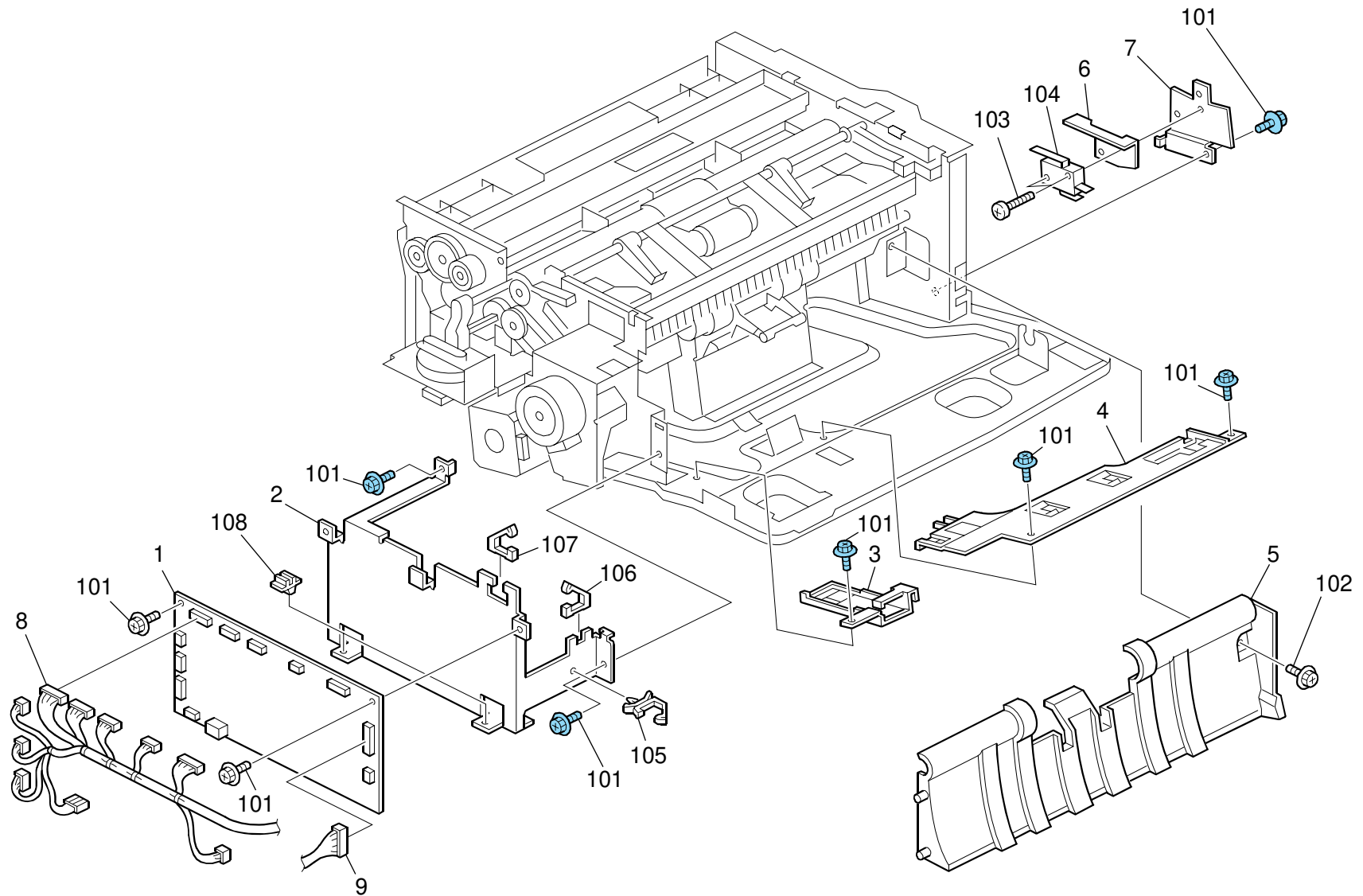


### 33.Finisher Section 3 (M052/M053/M054)

| Index No. | Part No.  | Description                             | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------|-------------------|
| 1         | M366 2635 | Cam:Roller:Slide                        | 1                 |
| 2         | AW02 0114 | Photo Interruptor - Lower Limit         | 1                 |
| 3         | M366 2632 | Bracket:DC Stepper Motor:Slide:Ass'y    | 1                 |
| 4         | M366 5561 | DC Stepper Motor:1.48W                  | 1                 |
| 5         | M366 2651 | Bracket:DC Stepper Motor                | 1                 |
| 6         | M366 5561 | :Gathering Roller:Ass'y                 | 2                 |
| 7         | AW02 0141 | DC Stepper Motor:1.48W                  | 1                 |
| 8         | M366 2654 | Photointerruptor                        | 1                 |
| 9         | M366 2655 | Cam:Lever:Gathering Roller              | 1                 |
| 10        | AX05 0322 | Lever:Gathering Roller                  | 1                 |
| 11        | M366 2621 | Stepper Motor:MM42:2.1V:1.8A            | 1                 |
| 12        | M366 2621 | Bracket:Dc Stepper Motor:Exit           | 1                 |
| 13        | AA04 3318 | Timing Belt - 40S3M144                  | 1                 |
| 14        | M366 2644 | Gear:Middle:Exit:Open And Close:Z15/Z51 | 1                 |
| 15        | M366 2641 | Bracket:DC Stepper Motor:Exit           | 1                 |
| 16        | M366 4210 | :Open And Close:Ass'y                   | 1                 |
|           |           | Bracket:Stapler                         | 1                 |
|           | AJ01 1025 | Stapler:EH-C590R                        | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6       |                   |
| 102       | 0353 0040N | Screw - M3x4               |                   |
| 103       | 0360 3006P | Screw - M3X6               |                   |
| 104       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 105       | 1105 0623  | Clamp - LBWS-0206S-V0      |                   |
| 106       | 1105 0518  | Edge Saddle - LES-1010     |                   |
| 107       | 1105 0723  | Clamps:WES-0507            |                   |

### 34.Finisher Section 4 (M052/M053/M054)

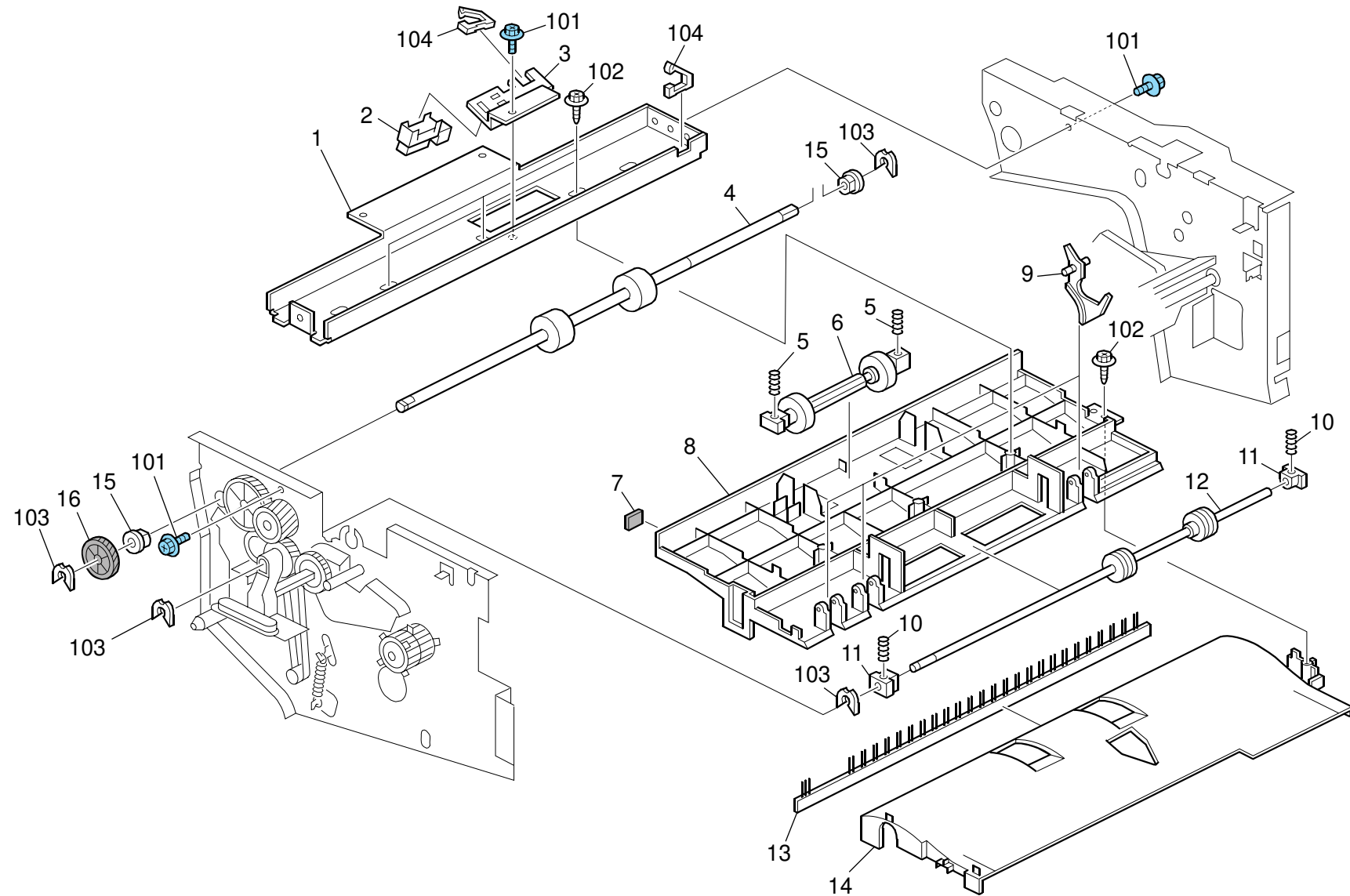


### 34.Finisher Section 4 (M052/M053/M054)

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 1         | M366 5124 | PCB:Main Control:Ass'y                   | 1                 |
| 2         | M365 1251 | Bracket:PCB                              | 1                 |
| 3         | M365 5752 | Guide:Harness:Small                      | 1                 |
| 4         | M365 5751 | Guide:Harness                            | 1                 |
| 5         | M366 3120 | End Fence:Exit                           | 1                 |
| 6         | M365 1122 | Spring Plate:Door Switch:Staple Exchange | 1                 |
| 7         | M365 1121 | Bracket:Door Switch:Staple Exchange      | 1                 |
| 8         | M365 5210 | Harness:Main                             | 1                 |
| 9         | M054 5412 | Harness:Finisher                         | 1                 |

| Index No. | Part No.   | Description                 | Q'ty Per Assembly |
|-----------|------------|-----------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6        |                   |
| 102       | 0454 3008Q | Tapping Screw:3X8           |                   |
| 103       | 0353 0140N | Screw:M3x14                 |                   |
| 104       | 1204 2612  | Micro Switch:D3V-16506-3C25 |                   |
| 105       | 1105 0508  | Harness Clamp - LWS-0711    |                   |
| 106       | 1105 0692  | Clamp:LES-0503              |                   |
| 107       | 1105 0551  | Clamp:LES-0505              |                   |
| 108       | 1105 0326  | Locking Support             |                   |

### 35.Finisher Section 5 (M052/M053/M054)

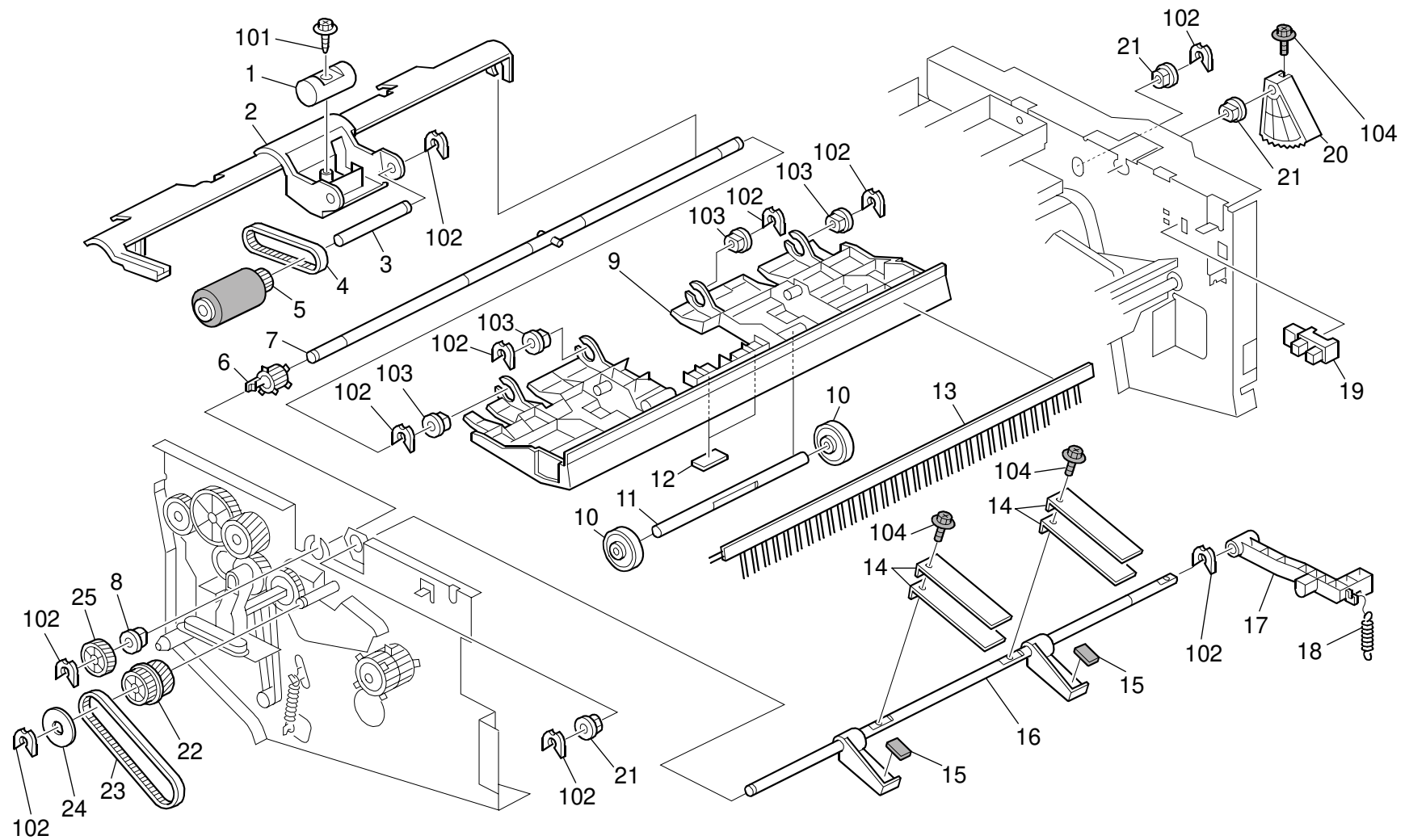


### 35.Finisher Section 5 (M052/M053/M054)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | M366 2121 | Stay:Upper                   | 1                 |
| 2         | GW01 0007 | Photo Reflection Sensor:Exit | 1                 |
| 3         | M366 2131 | Bracket:Entrance Sensor      | 1                 |
| 4         | M366 2311 | Transport Roller:Entrance    | 1                 |
| 5         | M366 2115 | Compression Spring:Driven    | 2                 |
| 6         | AF02 2147 | Driven Roller                | 1                 |
| 7         | M366 2117 | Gasket:3x7x10                | 1                 |
| 8         | M366 2112 | Guide Plate:Transport:Upper  | 1                 |
| 9         | M366 2116 | Guide:Trailing Edge          | 3                 |
| 10        | AA06 3529 | Pressure Spring - 14.5mm     | 2                 |
| 11        | B408 2175 | Bushing - Roller Slide       | 2                 |
| 12        | M366 2114 | Driven Roller:Slide          | 1                 |
| 13        | M366 2113 | Discharge Brush:Entrance     | 1                 |
| 14        | M366 2111 | Guide Plate:Transport:Lower  | 1                 |
| 15        | AA08 2101 | Bushing - 6x10x6             | 2                 |
| 16        | M366 2312 | Gear:Transport:Z25           | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6              |                   |
| 102       | 0802 5319  | Hexagon Head Tapping Screw:ES:3x8 |                   |
| 103       | 0805 0089  | Retaining Ring - M4               |                   |
| 104       | 1105 0692  | Clamp:LES-0503                    |                   |

### 36.Finisher Section 6 (M052/M053/M054)

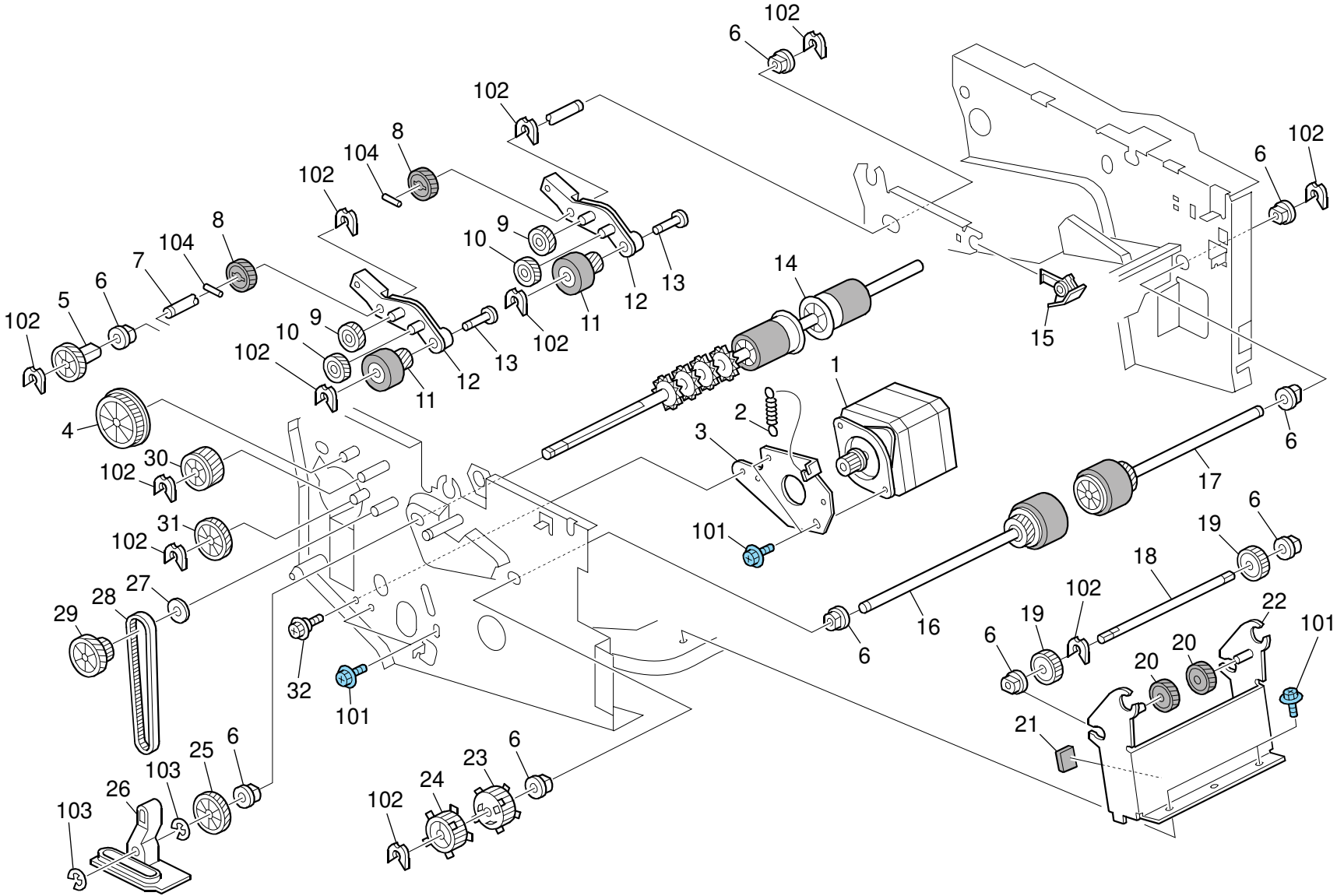


### 36.Finisher Section 6 (M052/M053/M054)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | M366 2238 | Shaft:Balancer:Gathering Roller     | 1                 |
| 2         | M366 2237 | Arm:Gathering Roller                | 1                 |
| 3         | M366 2236 | Shaft:Gathering Roller              | 1                 |
| 4         | B700 3535 | Timing Belt:B40S2M116               | 1                 |
| 5         | M366 2235 | Gathering Roller                    | 1                 |
| 6         | M366 2234 | Timing Pulley:Gathering Roller      | 1                 |
|           |           | :Drive:Transmission                 | 1                 |
| 7         | M366 2232 | Shaft:Gathering Roller:Drive:Ass'y  | 1                 |
| 8         | AA08 0346 | Bushing:Flange Type:DIA6            | 2                 |
| 9         | M366 2212 | Guide Plate:Exit:Open And Close     | 1                 |
| 10        | A681 2742 | Driven Exit Roller                  | 2                 |
| 11        | M366 2214 | Shaft:Exit Roller:Driven            | 1                 |
| 12        | M366 2216 | Cushion:Guide Plate:Exit            | 2                 |
| 13        | M366 2241 | Discharge Brush:Exit:Open And Close | 1                 |
| 14        | M366 2223 | Spring Plate:Guide Plate:Exit       | 4                 |
| 15        | M366 2216 | Cushion:Guide Plate:Exit            | 2                 |
| 16        | M366 2222 | Pawl:Exit:Open And Close:Ass'y      | 1                 |
| 17        | M366 2225 | Lever:Safety Switch                 | 1                 |
| 18        | D029 4478 | Tension Spring:Release:DC Solenoid  | 1                 |
| 19        | AW02 0114 | Photo Interruptor - Lower Limit     | 1                 |
| 20        | M366 2224 | Gear:Sector:Exit:Open And Close     | 1                 |
| 21        | AA08 2101 | Bushing - 6x10x6                    | 3                 |
| 22        | M366 2252 | Gear:Pulley:Z18/T20                 | 1                 |
| 23        | AA04 3337 | Timing Belt:40S3M168                | 1                 |
| 24        | B478 3569 | Spacer                              | 1                 |
| 25        | M366 2251 | Gear:Gathering Roller:Drive:Z20     | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0802 5319  | Hexagon Head Tapping Screw:ES:3x8 |                   |
| 102       | 0805 0089  | Retaining Ring - M4               |                   |
| 103       | 0805 3385  | Bushing - 6mm                     |                   |
| 104       | 0360 3006P | Screw - M3X6                      |                   |

37.Finisher Section 7 (M052/M053/M054)

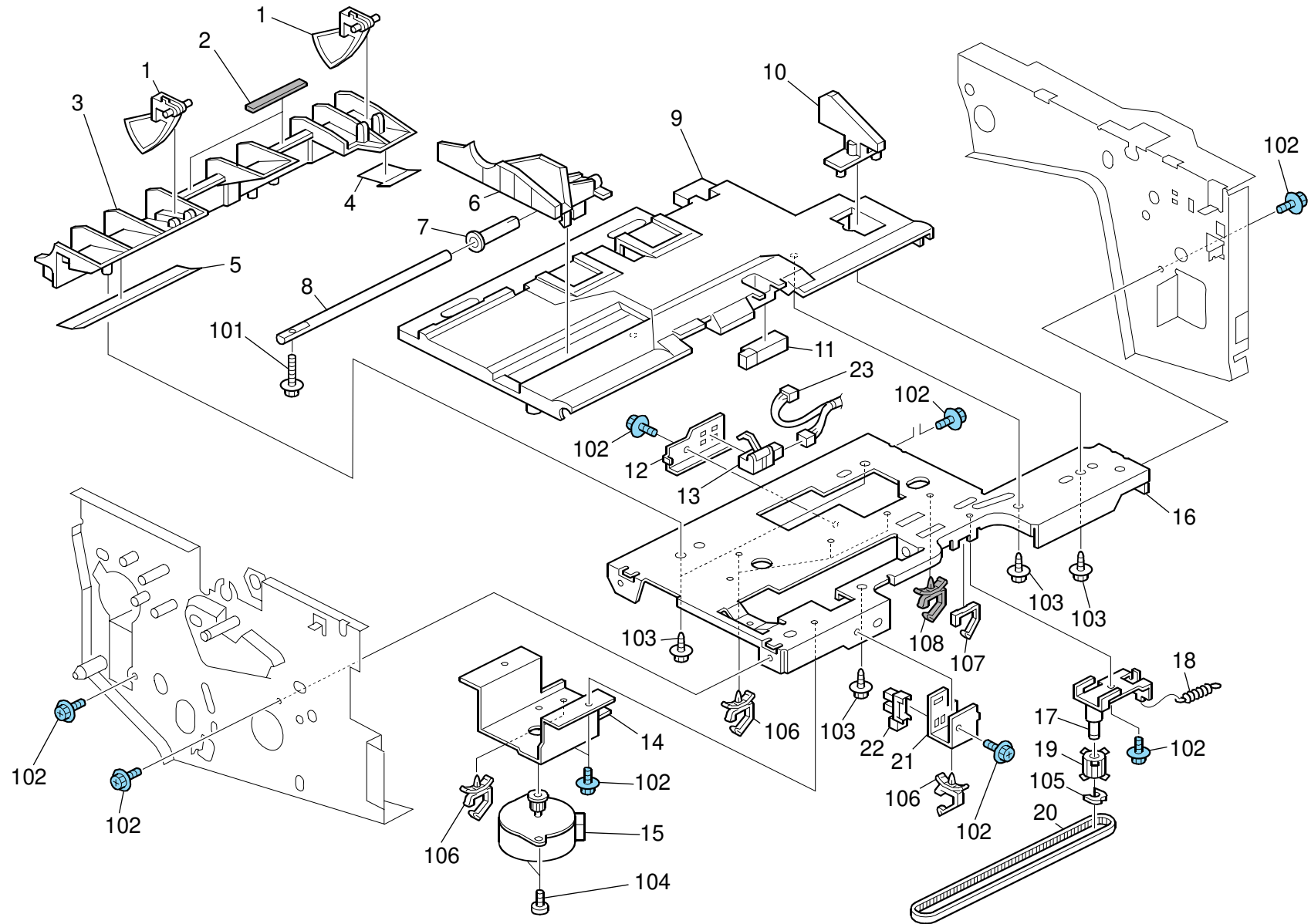


### 37.Finisher Section 7 (M052/M053/M054)

| Index No. | Part No.  | Description                            | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------|-------------------|
| 1         | M366 5570 | DC Stepper Motor:Transport:3.78W       | 1                 |
| 2         | M366 2616 | Tension Spring:Tensioner:Transport     | 1                 |
| 3         | M366 2612 | Bracket:Tensioner:Transport            | 1                 |
| 4         | M366 2615 | Gear:Idler:Z35                         | 1                 |
| 5         | M366 2519 | Gear:Return:Drive:Z25                  | 1                 |
| 6         | AA08 2101 | Bushing - 6x10x6                       | 4                 |
| 7         | M366 2511 | Shaft:Drive:Transmission:Roller:Return | 1                 |
| 8         | M366 2512 | Gear:Return:Drive:Transmission:Z31     | 2                 |
| 9         | M366 2515 | Gear:Roller:Return:Middle:Z28          | 2                 |
| 10        | M366 2514 | Gear:Roller:Return:Middle:Z25          | 2                 |
| 11        | M366 2516 | Reverse Roller:Trailing Edge:Z20       | 2                 |
| 12        | M366 2517 | Arm:Reverse Roller                     | 2                 |
| 13        | D372 2122 | Shaft - Reverse Roller                 | 2                 |
| 14        | M366 2321 | Transport Roller:Slide                 | 1                 |
| 15        | M366 2325 | Bushing:Roller:Slide                   | 1                 |
| 16        | M366 2332 | Exit Roller:Inner Back                 | 1                 |
| 17        | M366 2331 | Exit Roller:Front                      | 1                 |
| 18        | M366 3521 | Shaft:Exit:Coupling                    | 1                 |
| 19        | M366 3522 | Gear:Exit:Coupling:Z20                 | 2                 |
| 20        | M366 3523 | Gear:Exit:Coupling:Middle:Z19          | 2                 |
| 21        | M366 3442 | Cushion:Plate:Return                   | 1                 |
| 22        | M366 3511 | Bracket:Exit:Connectng                 | 1                 |
| 23        | M366 2335 | Timing Pulley:Exit Roller:Drive        | 1                 |
| 24        | M366 2334 | Timing Pulley:Exit Roller:Drive        | 1                 |
| 25        | M366 2312 | Gear:Transport:Z25                     | 1                 |
| 26        | M366 2322 | Link:Roller:Slide:Ass'y                | 1                 |
| 27        | AA13 2169 | Spacer - 5.7x16x1.5                    | 1                 |
| 28        | AA04 3660 | Timing Belt:40S2M172                   | 1                 |
| 29        | M366 2613 | Gear:Pulley:Z25/T20                    | 1                 |
| 30        | M366 2614 | Gear:Idler:Z22                         | 1                 |
| 31        | M366 2518 | Gear:Idler:Z22:Lighter                 | 1                 |
| 32        | AA14 3790 | Screw:Contact Point                    | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 102       | 0805 0089  | Retaining Ring - M4  |                   |
| 103       | 0720 0040E | Retaining Ring - M4  |                   |
| 104       | 0632 0120G | Parallel Pin - 2x12  |                   |

## 38.Finisher Section 8 (M052/M053/M054)

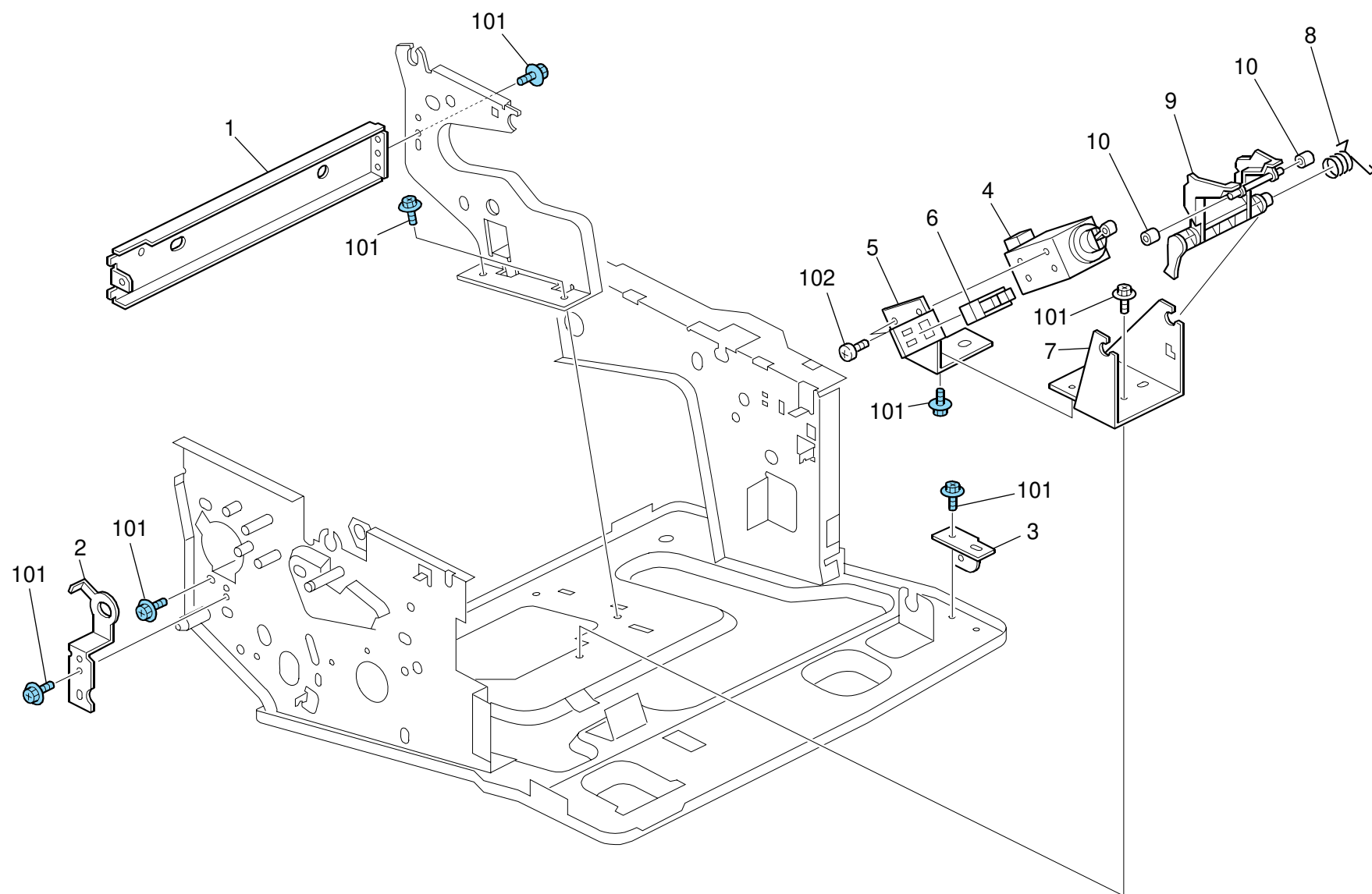


### 38.Finisher Section 8 (M052/M053/M054)

| Index No. | Part No.  | Description                                      | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------------------|-------------------|
| 1         | M366 4154 | Plate:Trailing Edge:Standard Fence               | 2                 |
| 2         | M366 4159 | Cushion:Arm:Return:0.2MM                         | 2                 |
| 3         | M366 4155 | Standard Fence:Trailing Edge                     | 1                 |
| 4         | M366 4152 | Guide:Standard Fence:Front Right                 | 1                 |
| 5         | M366 4153 | Guide:Standard Fence:Rear Right                  | 1                 |
| 6         | M366 4112 | Jogger Fence:Rear                                | 1                 |
| 7         | A681 4515 | Bushing - 6mm                                    | 1                 |
| 8         | M366 4113 | Shaft:Guide:Jogger:Front                         | 1                 |
| 9         | M366 4156 | Tray:Staple                                      | 1                 |
| 10        | M366 4157 | Standard Fence:Fix:Front                         | 1                 |
| 11        | AW01 0109 | Photo Refiection Sensor:PS117ED1                 | 1                 |
| 12        | M366 4132 | Bracket:Surface Of Paper Sensor:<br>Stapler Tray | 1                 |
| 13        | AW02 0154 | Photointerruptor:Entrance                        | 1                 |
| 14        | M366 4142 | Bracket:DC Stepper Motor:Jogger                  | 1                 |
| 15        | M366 5560 | DC Stepper Motor:Jogger:1.48W                    | 1                 |
| 16        | M366 4158 | Stay:Jogger                                      | 1                 |
| 17        | M366 4161 | Tensioner:Jogger Fence                           | 1                 |
| 18        | M366 4170 | Tension Spring:Belt Tensioner:Jogger Fence       | 1                 |
| 19        | D372 4163 | Timing Pulley - 18T                              | 1                 |
| 20        | A858 4181 | Timing Belt - 2XL                                | 1                 |
| 21        | M366 4122 | Bracket:Home Position Sensor:Jogger:Rear         | 1                 |
| 22        | AW02 0141 | Photointerruptor                                 | 1                 |
| 23        | M365 5210 | Harness:Main                                     | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0451 3010N | Tapping Screw:3x10                |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6              |                   |
| 103       | 0802 5319  | Hexagon Head Tapping Screw:ES:3x8 |                   |
| 104       | 0353 0040N | Screw - M3x4                      |                   |
| 105       | 0805 0089  | Retaining Ring - M4               |                   |
| 106       | 1105 0511  | Harness Clamp - LWS-0306ZC        |                   |
| 107       | 1105 0692  | Clamp:LES-0503                    |                   |
| 108       | 1105 0717  | Clamp:JDW-1S                      |                   |

### 39.Finisher Section 9 (M052/M053/M054)

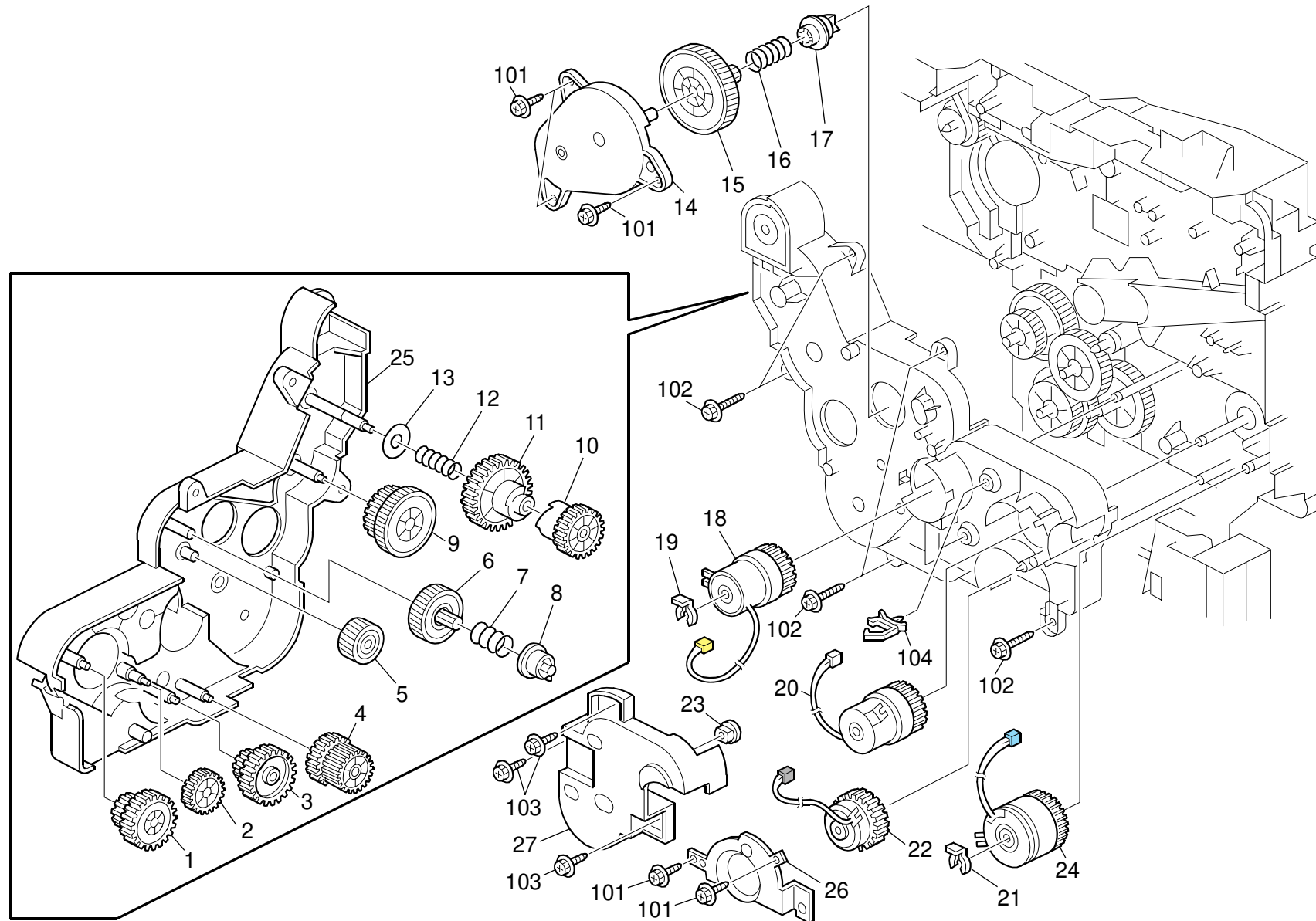


### 39.Finisher Section 9 (M052/M053/M054)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | M366 1040 | Stay:Lower:Ass'y                   | 1                 |
| 2         | M366 1218 | Bracket:Shaft:Drive:Return         | 1                 |
| 3         | M365 1112 | Bracket:Base:Fix                   | 1                 |
| 4         | M366 3430 | DC Solenoid:Paper Sensor:Sub-Ass'y | 1                 |
| 5         | M366 3412 | Bracket:Solenoid:Paper Sensor      | 1                 |
| 6         | AW02 0141 | Photointerruptor                   | 1                 |
| 7         | M366 3411 | Bracket:Paper Sensor               | 1                 |
| 8         | M366 3441 | Torsion Spring:Lever               | 1                 |
| 9         | M366 3421 | Arm:Paper Sensor:Trailing Edge     | 1                 |
| 10        | D372 3122 | Stopper - Paper Sensor             | 2                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 102       | 0353 0040N | Screw - M3x4         |                   |

## 40.Drive Section 1 (M052/M053/M054)

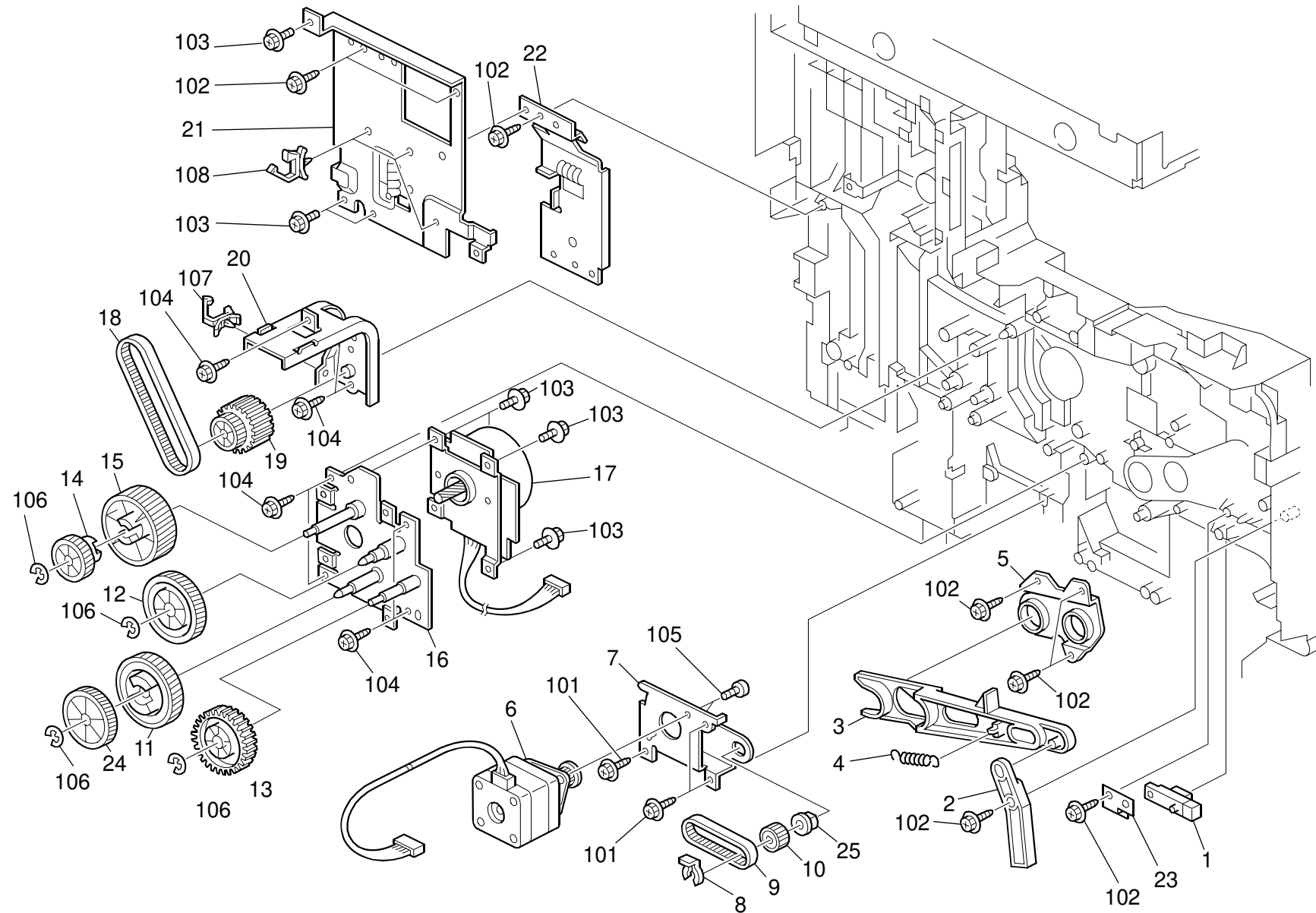


#### 40. Drive Section 1 (M052/M053/M054)

| Index No. | Part No.  | Description                                       | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------------|-------------------|
| 1         | M021 1129 | Gear:Manual Feed:No.1                             | 1                 |
| 2         | M021 1128 | Gear:Connecting:No.1                              | 1                 |
| 3         | M021 1127 | Gear:Paper Feed:No.3                              | 1                 |
| 4         | M021 1126 | Gear:Paper Feed:No.2                              | 1                 |
| 5         | M021 1134 | Gear:Development:No.4:Ass'y                       | 1                 |
| 6         | M021 1136 | Gear:Joint:Development                            | 1                 |
| 7         | M021 1138 | Coil Spring:Joint:Development                     | 1                 |
| 8         | M021 1137 | Joint:Drive:Development                           | 1                 |
| 9         | M021 1130 | Gear:Fusing:No.1                                  | 1                 |
| 10        | M052 1133 | Gear:Fusing:No.3                                  | 1                 |
| 11        | M021 1132 | Gear:Fusing:No.2                                  | 1                 |
| 12        | G052 1120 | Spring - Paper Exit Release                       | 1                 |
| 13        | G052 1123 | Spacer - Drive Unit                               | 1                 |
| 14        | M052 1141 | Housing:Drive:Sub                                 | 1                 |
| 15        | M021 1142 | Gear:Joint:Drum                                   | 1                 |
| 16        | M021 1144 | Coil Spring:Joint:Drum                            | 1                 |
| 17        | M021 1143 | Joint:Drive:Drum                                  | 1                 |
| 18        | M021 2900 | Electromagnetic Clutch:Registration:Ass'y         | 1                 |
| 19        | 5215 2621 | Snap Ring - M6                                    | 1                 |
| 20        | M021 2835 | Electromagnetic Clutch:Connecting:Ass'y           | 1                 |
| 21        | 5447 2681 | Snap Ring                                         | 1                 |
| 22        | M021 2825 | Electromagnetic Clutch:Paper Feed:Ass'y           | 1                 |
| 23        | AA08 2118 | Bushing - 6mm                                     | 1                 |
| 24        | M052 2761 | Electromagnetic Clutch:1 Turn:Z41:<br>Manual Feed | 1                 |
| 25        | M052 1111 | Housing:Drive:Main:MF                             | 1                 |
| 26        | M052 1168 | Bracket:Clutch:Feed                               | 1                 |
| 27        | M052 1195 | Cover:Drive:Clutch                                | 1                 |

| Index No. | Part No.   | Description              | Q'ty Per Assembly |
|-----------|------------|--------------------------|-------------------|
| 101       | 0450 3010N | Tapping Screw - M3x10    |                   |
| 102       | 0450 3012N | Tapping Screw:3x12       |                   |
| 103       | 0450 3008N | Tapping Screw - M3x8     |                   |
| 104       | 1105 0508  | Harness Clamp - LWS-0711 |                   |

## 41. Drive Section 2 (M052/M053/M054)

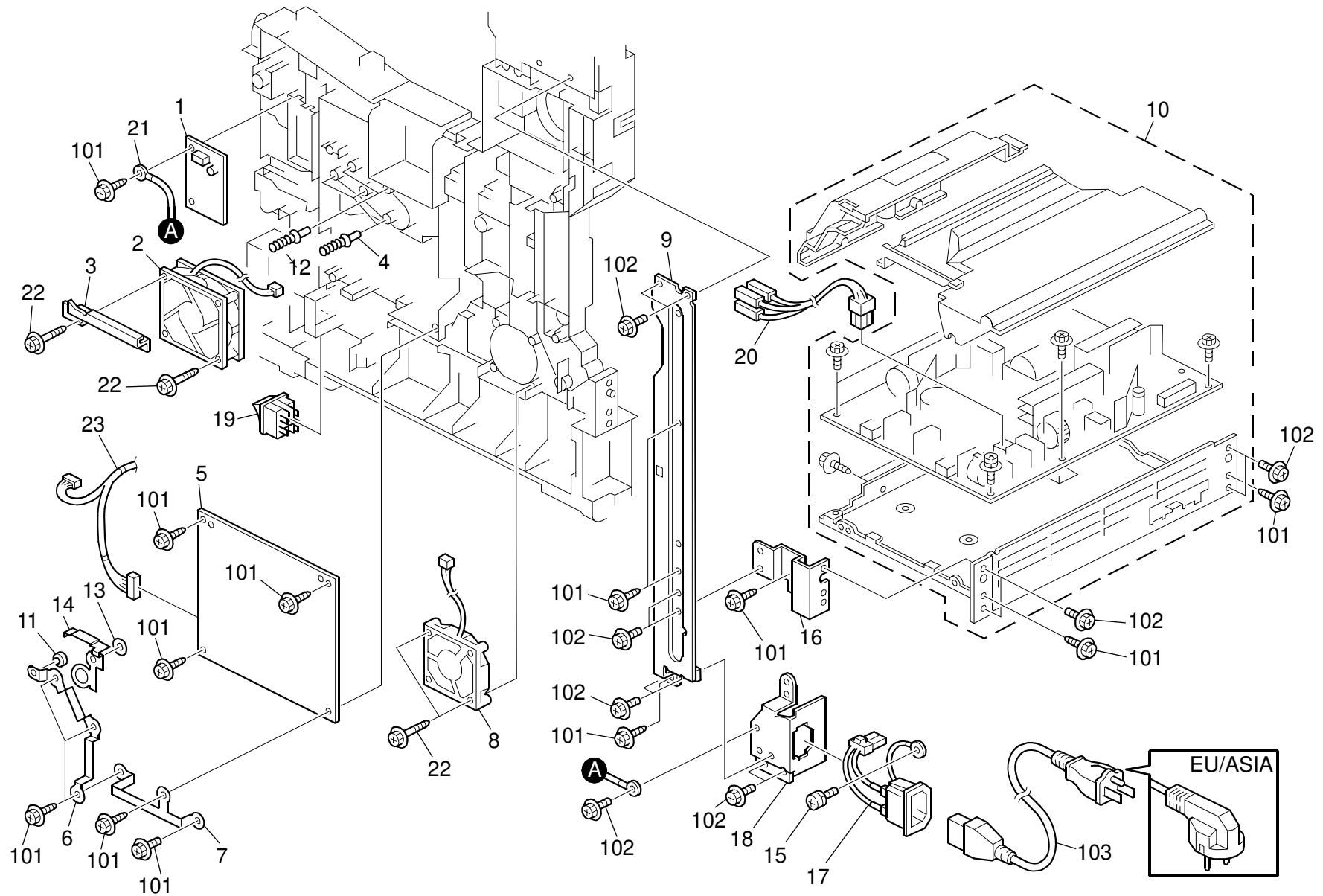


#### 41. Drive Section 2 (M052/M053/M054)

| Index No. | Part No.  | Description                          | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------|-------------------|
| 1         | G175 2551 | Photosensor                          | 1                 |
| 2         | M021 1122 | Lever:Opener                         | 1                 |
| 3         | M021 1121 | Joint:Drive:Release                  | 1                 |
| 4         | M021 1123 | Coil Spring:Joint:Pressure           | 1                 |
| 5         | M052 1059 | Plain Shaft Bearing:Frame:Drum       | 1                 |
| 6         | M052 4991 | DC Stepper Motor:Duplex              | 1                 |
| 7         | M052 4995 | Bracket:Stepping Motor:Duplex        | 1                 |
| 8         | 5447 2681 | Snap Ring                            | 1                 |
| 9         | M052 4993 | Synchronous Belt:Duplex:Transport:MF | 1                 |
| 10        | M021 4608 | Pulley:25T                           | 1                 |
| 11        | M021 1109 | Gear:Z96/Z30                         | 1                 |
| 12        | M021 1111 | Gear:Z73                             | 1                 |
| 13        | M021 1112 | Gear:Paper Feed:No.1                 | 1                 |
| 14        | M021 1114 | Gear:Drum:No.2                       | 1                 |
| 15        | M021 1113 | Gear:Drum:No.1:Ass'y                 | 1                 |
| 16        | M021 1102 | Bracket:Brushless Motor:Ass'y        | 1                 |
| 17        | M052 1126 | DC Brushless Motor:49W               | 1                 |
| 18        | M052 1114 | Synchronous Belt:1bin:Relay          | 1                 |
| 19        | M052 1113 | Gear:Pulley:Fusing:1bin              | 1                 |
| 20        | M052 1044 | Support:Plate:Frame:Left             | 1                 |
| 21        | M052 5136 | Earth Plate:Left Frame:Upper         | 1                 |
| 22        | M052 5137 | Earth Plate:Left Frame:Middle        | 1                 |
| 23        | M052 1061 | Bracket:Toner End Sensor             | 1                 |
| 24        | M052 1110 | Gear:Dev:Second                      | 1                 |
| 25        | AA08 2118 | Bushing - 6mm                        | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0450 4008N | Tapping Screw - M4x8       |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8       |                   |
| 103       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 104       | 0450 4010N | Tapping Screw:M4x10        |                   |
| 105       | 0313 0060N | Screw - M3X6               |                   |
| 106       | 0720 0040E | Retaining Ring - M4        |                   |
| 107       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 108       | 1105 0516  | Clamp                      |                   |

## 42.Electrical Section 1 (M052/M053/M054)

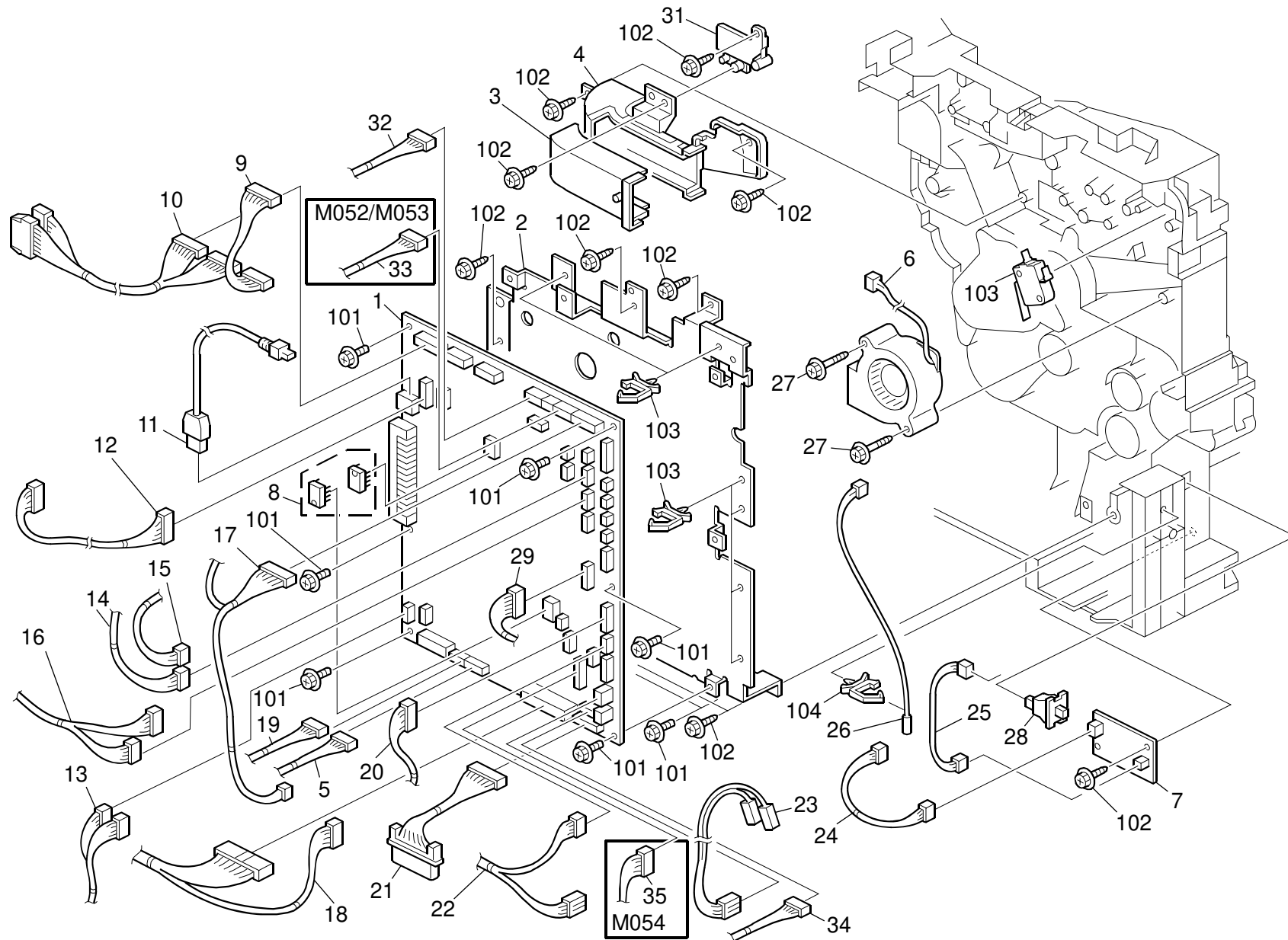


## 42.Electrical Section 1 (M052/M053/M054)

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 1         | M052 5500 | PCB:RFID-R/W                              | 1                 |
| 2         | M052 1066 | DC Fan Motor:MM80:24V                     | 1                 |
| 3         | M052 1049 | Guide:Harness:Fuser                       | 1                 |
| 4         | M021 1191 | Shaft:High Voltage:Ass'y                  | 3                 |
| 5         | M052 5006 | Power Pack                                | 1                 |
| 6         | M052 2939 | Ground Plate:Roller:Registration:Driven   | 1                 |
| 7         | M052 1092 | Earth Plate:PSU                           | 1                 |
| 8         | AX64 0200 | Fan:MM60:DC 3.12W                         | 1                 |
| 9         | M052 1048 | Earth Plate:Frame:Right                   | 1                 |
| 10        | M052 5020 | Power Supply Unit:264W:NA:Ass'y           | 1                 |
| 10        | M052 5021 | Power Supply Unit:364W:EU/AP:Ass'y        | 1                 |
| 11        | A153 2117 | Terminal:Roller                           | 1                 |
| 12        | M052 1191 | Shaft:High Voltage:Ass'y                  | 2                 |
| 13        | LA25 2536 | Spacer:Lower:Body                         | 1                 |
| 14        | M052 1047 | Earth Plate:Shutter:AIO                   | 1                 |
| 15        | AA14 3592 | Screw- M4x6                               | 1                 |
| 16        | M052 1089 | Earth Plate:Bracket:PSU                   | 1                 |
| 17        | M052 5417 | Inlet:NA:Ass'y                            | 1                 |
| 17        | M052 5450 | Inlet:EU:Ass'y                            | 1                 |
| 18        | M052 5134 | Inlet Bracket:MF                          | 1                 |
| 19        | M052 1058 | Switch:Main                               | 1                 |
| 20        | M052 5425 | M/H Ass'y:Main SW                         | 1                 |
| 21        | M052 5437 | M/H Ass'y:Ground Wire:Rfid                | 1                 |
| 22        | M052 5150 | Screw:DC Fan Motor:Power Supply Unit:3x22 | 2                 |
| 23        | M052 5410 | M/H Ass'y:Rfid                            | 1                 |

| Index No. | Part No.   | Description                   | Q'ty Per Assembly |
|-----------|------------|-------------------------------|-------------------|
| 101       | 0450 3008N | Tapping Screw - M3x8          |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6           |                   |
| 103       | 1150 0377  | Power Supply Code:250V:10A:EU |                   |
| 103       | 1150 0415  | Power Supply Code:125V:NA     |                   |
| 104       | 1105 0637  | Locking Card Spacer:KGLS-10RT |                   |

## 43.Electrical Section 2 (M052/M053/M054)

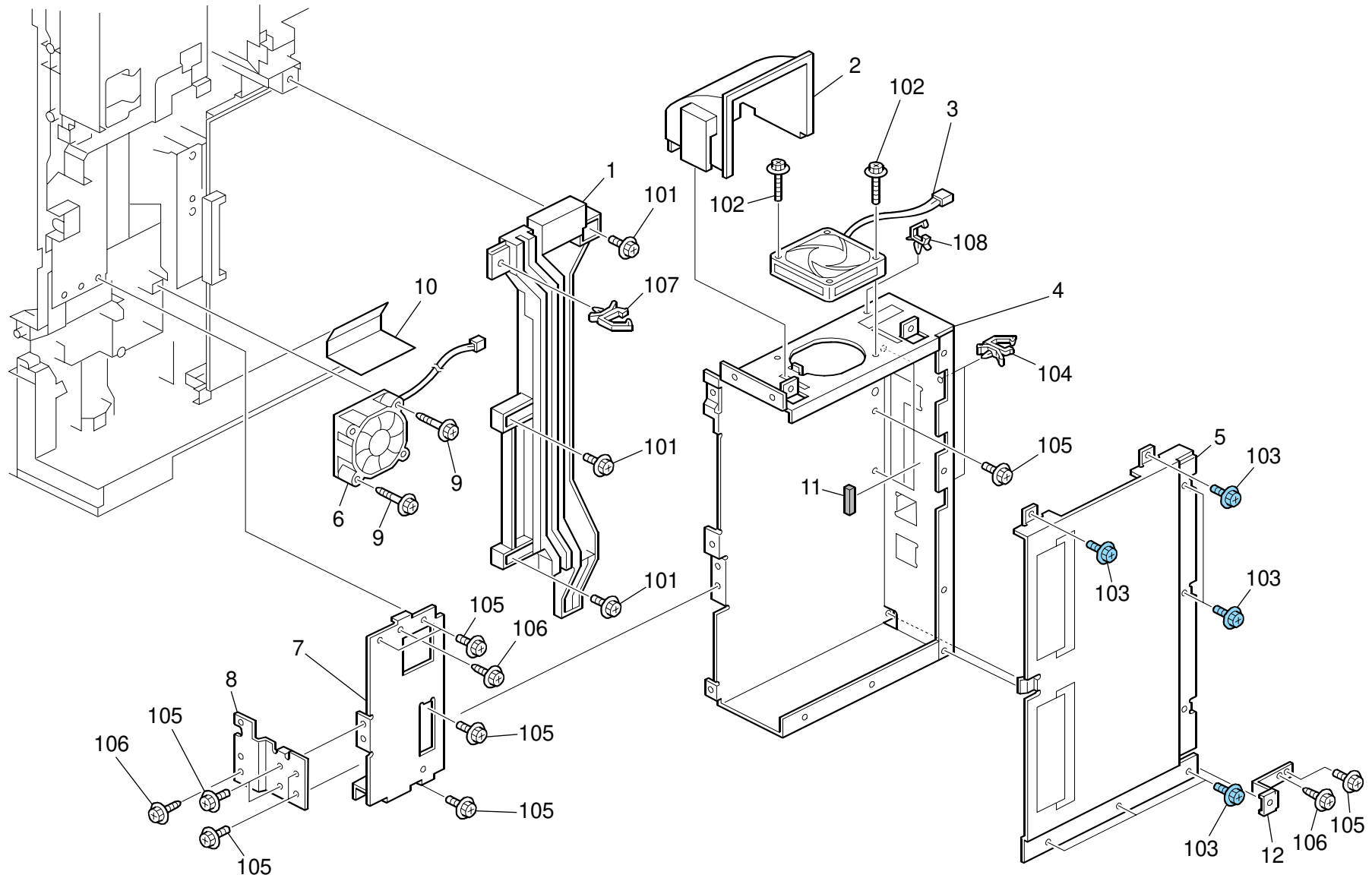


### 43.Electrical Section 2 (M052/M053/M054)

| Index No. | Part No.  | Description                            | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------|-------------------|
| 1         | M052 5010 | PCB:BICU:μFAss'y                       | 1                 |
| 2         | M052 5110 | Bracket:BICU                           | 1                 |
| 3         | M052 1067 | Duct:Upper:Cooling:AIO                 | 1                 |
| 4         | M052 1068 | Duct:lower:Cooling:AIO                 | 1                 |
| 5         | M052 5439 | M/H Ass'y:Scanner Motor:NA             | 1                 |
| 5         | M052 5451 | M/H Ass'y:Scanner Motor:EU             | 1                 |
| 6         | M052 1069 | Fan:Cooling:AIO                        | 1                 |
| 7         | M052 5551 | PCB:Sensor                             | 1                 |
| 8         | M052 9593 | EEPROM                                 | 1                 |
| 9         | M052 5407 | M/H Ass'y:LDB:NA                       | 1                 |
| 9         | M052 5449 | M/H Ass'y:LDB:EU                       | 1                 |
| 10        | M052 5440 | M/H Ass'y:SBU I/F2:Connecting          | 1                 |
| 11        | M052 5414 | M/H Ass'y:USB:OP                       | 1                 |
| 12        | M052 5413 | M/H Ass'y:OP                           | 1                 |
| 13        | M052 5415 | M/H Ass'y:ARDF                         | 1                 |
| 14        | M052 5418 | M/H Ass'y:Fusing:NA                    | 1                 |
| 14        | M052 5419 | M/H Ass'y:Fusing:EU                    | 1                 |
| 15        | M052 5436 | M/H Ass'y:Main SW:Detect               | 1                 |
| 16        | M052 5410 | M/H Ass'y:Rfid                         | 1                 |
| 17        | M052 5403 | M/H Ass'y:Toner End Sensor             | 1                 |
| 18        | M052 5416 | M/H Ass'y:Power Supply Unit            | 1                 |
| 19        | M052 5441 | M/H Ass'y:HP/AKS Sensor I/F:Connecting | 1                 |
| 20        | M052 5401 | M/H Ass'y:Motor:Duplex:50              | 1                 |
| 21        | M052 5411 | M/H Ass'y:Bank                         | 1                 |
| 22        | M052 5408 | M/H Ass'y:Interlock SW:Duplex          | 1                 |
| 23        | M052 5409 | M/H Ass'y:Interlock SW:Front           | 1                 |
| 24        | M052 5402 | M/H Ass'y:Sensor Board                 | 1                 |
| 25        | M052 5428 | M/H Ass'y:Tray Set Detection           | 1                 |
| 26        | M021 1253 | Thermistor:Transfer                    | 1                 |
| 27        | B259 1119 | Tapping Screw:M3x33                    | 2                 |
| 28        | G020 5626 | Push Switch                            | 1                 |
| 29        | M052 5404 | M/H Ass'y:Manual Feed                  | 1                 |
| 30        | M052 1069 | Fan:Cooling:AIO                        | 1                 |
| 31        | M052 1071 | Bracket:Duct:AIO                       | 1                 |

| Index No. | Part No.   | Description                                    | Q'ty Per Assembly |
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| 32        | G168 5403  | Harness:Polygon Mirror:<br>Sync Detector:Board | 1                 |
| 33        | M052 5438  | M/H Ass'y:Exit Sensor                          | 1                 |
| 34        | M052 5405  | M/H Ass'y:Duplex:Connecting                    | 1                 |
| 35        | M054 5412  | M/H Ass'y:Finisher                             | 1                 |
| 101       | 0451 3006N | Tapping Screw - 3x6                            |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8                           |                   |
| 103       | 1105 0487  | Harness Clamp                                  |                   |
| 104       | 1105 0511  | Harness Clamp - LWS-0306ZC                     |                   |

## 44.Electrical Section 3 (M052/M053/M054)

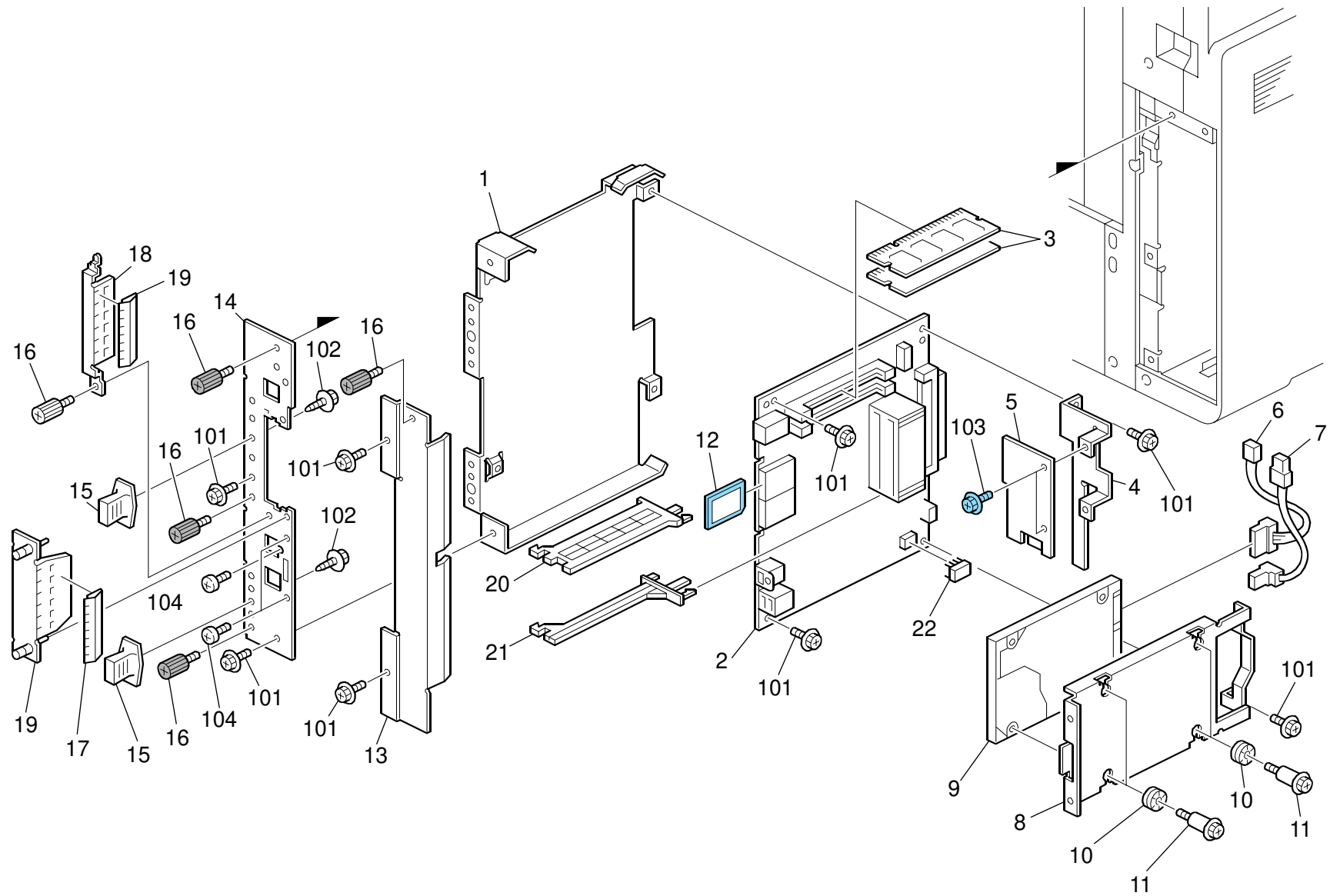


#### 44.Electrical Section 3 (M052/M053/M054)

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 1         | M052 5111 | Gude:Harness:BICU                        | 1                 |
| 2         | M052 5149 | CTL:Gasket                               | 1                 |
| 3         | M052 5153 | DC Fan Motor:MM60                        | 1                 |
| 4         | M052 5113 | Bracket:C/T Box                          | 1                 |
| 5         | M052 5378 | PCB:CTL:M052:Ass'y                       | 1                 |
| 5         | M052 5379 | PCB:CTL:M053/M054:Ass'y                  | 1                 |
| 6         | AX64 0200 | Fan:MM60:DC 3.12W                        | 1                 |
| 7         | M052 5143 | Ground Plate:Frame:Left:Lower            | 1                 |
| 8         | M052 5124 | Graound Plate:C/T Box                    | 1                 |
| 9         | M052 5150 | Screw:DC Fan Motor:Power Suppl Unit:3x22 | 2                 |
| 10        | M052 1072 | Duct:Fan:PSU                             | 1                 |
| 11        | M052 5174 | Gasket:CTL                               | 1                 |
| 12        | M052 5139 | Side Bracket:CTL Box                     | 1                 |

| Index No. | Part No.   | Description            | Q'ty Per Assembly |
|-----------|------------|------------------------|-------------------|
| 101       | 0360 3006N | Screw - M3x6           |                   |
| 102       | 0454 3020Q | Tapping Screw:3x20     |                   |
| 103       | 0454 3006Q | Tapping Screw - M3x6   |                   |
| 104       | 1105 0291  | Harness Clamp - LWS-3S |                   |
| 105       | 0451 3006N | Tapping Screw - 3x6    |                   |
| 106       | 0450 3008N | Tapping Screw - M3x8   |                   |
| 107       | 1105 0487  | Harness Clamp          |                   |
| 108       | 1105 0516  | Clamp                  |                   |

## 45.Controller Unit (M052/M053/M054)

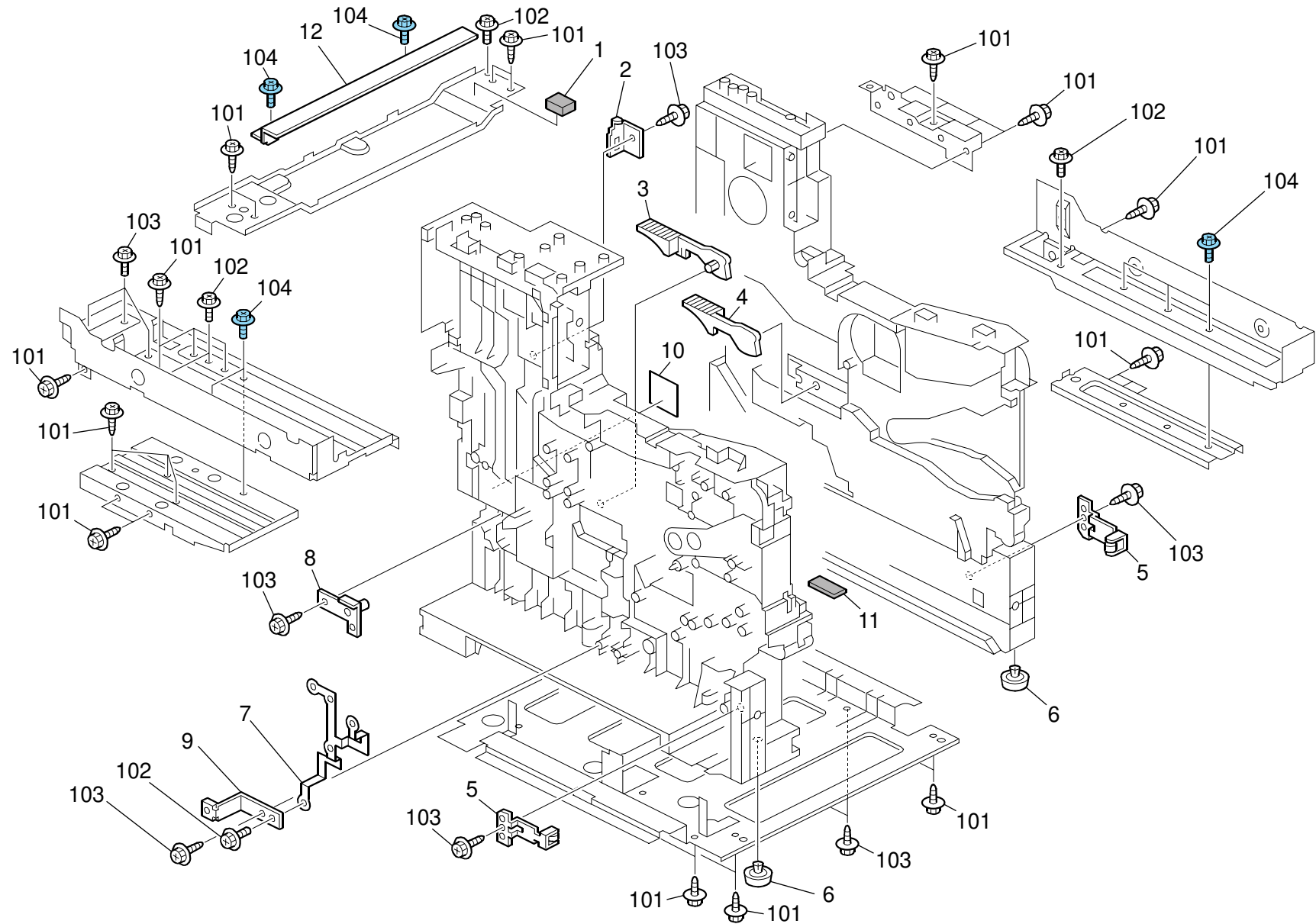


## 45.Controller Unit (M052/M053/M054)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | M052 1245 | Cover:C/T Box:MF             | 1                 |
| 2         | M052 5398 | PCB:CTL:M052:Ass'y           | 1                 |
| 2         | M052 5399 | PCB:CTL:M053/M054:Ass'y      | 1                 |
| 3         | M052 5391 | PCB:Memory:512MB             | 1                 |
| 4         | M052 5159 | SATIE Board Bracket          | 1                 |
| 5         | M052 5381 | PCB:SATIE 2                  | 1                 |
| 6         | M052 5385 | Cable:HDD:SATA:Power:2P      | 1                 |
| 7         | M052 5386 | Cable:HDD:SATA:150           | 1                 |
| 8         | M052 5158 | Bracket:HDD                  | 1                 |
| 9         | D105 5705 | HDD:160GB:MK1665GSX          | 1                 |
| 10        | AA16 1125 | Rubber Cushion               | 4                 |
| 11        | AA14 3848 | Stepped Screw - M3           | 4                 |
| 12        | M052 5387 | SD-Card:Encry:EXP:Ass'y      | 1                 |
| 12        | M052 7985 | SD-Card:VM/Calypso:Ass'y     | 1                 |
| 13        | M052 5161 | Fax Bracket Basic            | 1                 |
| 14        | M052 5115 | Panel CTL                    | 1                 |
| 15        | M026 5861 | Grip:Control Board:Glax      | 2                 |
| 16        | G104 5141 | Knob Screw:M3                | 5                 |
| 17        | B070 6899 | Ground Plate:Panel           | 2                 |
| 18        | G168 5118 | Card Cover                   | 1                 |
| 19        | B132 5836 | Panel - Interface            | 1                 |
| 20        | D009 5891 | Left Rail - Fax Control Unit | 1                 |
| 21        | D009 5899 | Right Rail - Small           | 1                 |
| 22        | M052 9590 | NV-RAM                       | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0360 3006N | Screw - M3x6         |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 103       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 104       | 0453 3006N | Tapping Screw - M3x6 |                   |

## 46.Frame Section (M052/M053/M054)

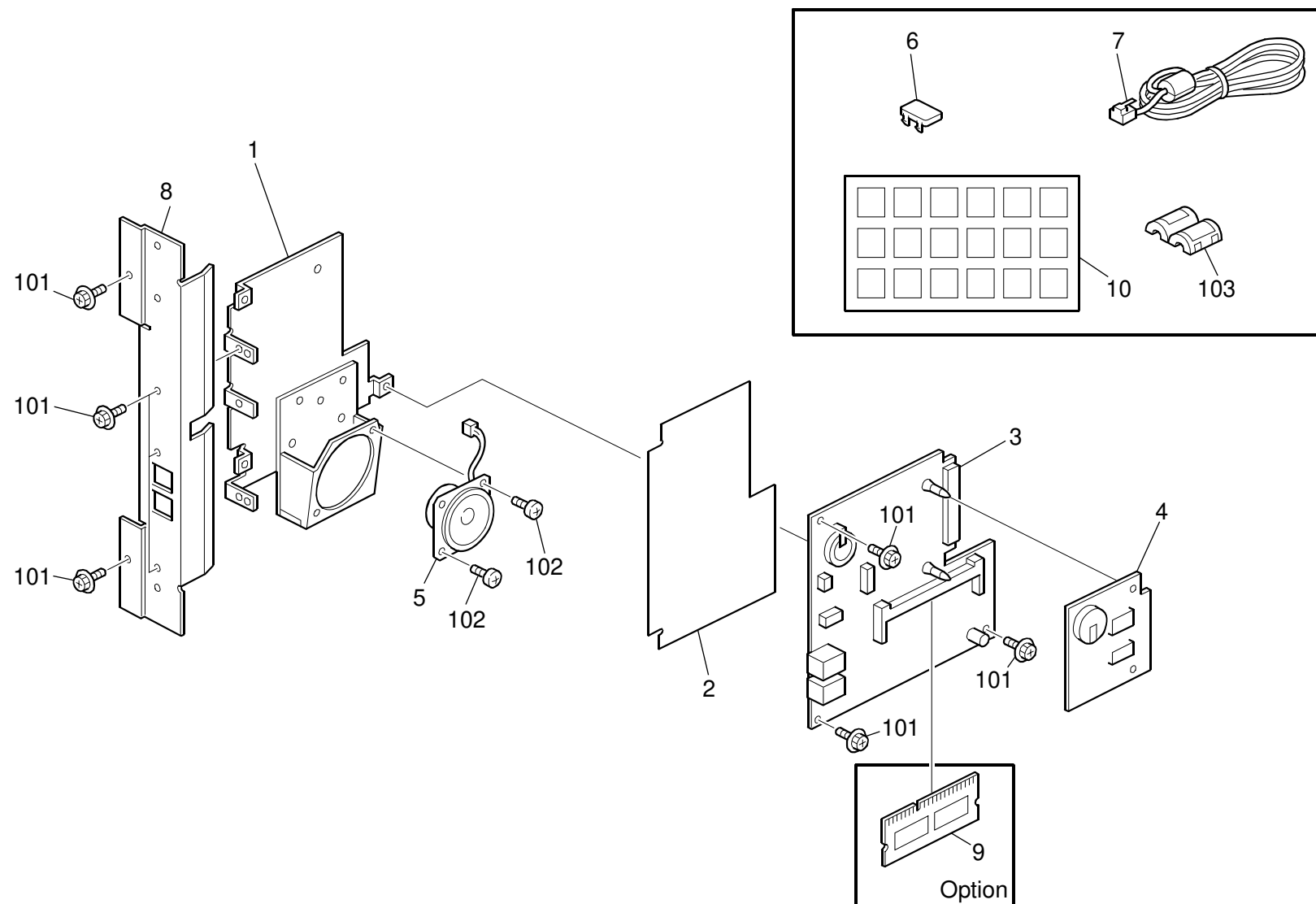


#### 46.Frame Section (M052/M053/M054)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
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| 1         | M052 1079 | Gasket:Stay:Scanner:Right      | 1                 |
| 2         | M052 1029 | Bracket:Spring:Duplex          | 1                 |
| 3         | M052 1053 | Lever:Fusing:Left              | 1                 |
| 4         | M052 1052 | Lever:Fusing:Right             | 1                 |
| 5         | G096 1087 | Paper Tray Spring Plate Ass'y  | 2                 |
| 6         | GH01 0007 | Rubber Foot - FF-006(P4070)N   | 4                 |
| 7         | M052 1086 | Bracket:Spring:Duplex          | 1                 |
| 8         | M052 1016 | Shaft:Duplex:Left:Ass'y        | 1                 |
| 9         | M052 5139 | Side Bracket:CTL Box           | 1                 |
| 10        | M052 6925 | Decal:Warning:High Temperature | 1                 |
| 11        | M052 1074 | Cushion:Shutter:AIO            | 1                 |
| 12        | M052 1078 | Cover:Stay:Scanner:Rear        | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 4010N | Tapping Screw:M4x10  |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6  |                   |
| 103       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 104       | 0454 3006Q | Tapping Screw - M3x6 |                   |

## 47.Fax Unit (M052/M053/M054)



## 47.Fax Unit (M052/M053/M054)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | M053 5155 | Guide:Fax Control Unit:Ass'y | 1                 |
| 2         | M381 5735 | Sheet:FCU                    | 1                 |
| 3         | D432 5132 | PCB:GWFCU3:NA:Ass'y          | 1                 |
| 3         | D432 5134 | PCB:GWFCU3:EU:Ass'y          | 1                 |
| 4         | M381 5180 | PCB:MBU:Ass'y                | 1                 |
| 5         | B771 5050 | Speaker                      | 1                 |
| 6         | M026 1543 | Keytop:Fax:NA/AA             | 1                 |
| 7         | M381 5350 | Moduler Cord:NA              | 1                 |
| 8         | M052 5157 | Panel:Fax                    | 1                 |
| 9         | B447 5182 | PCB:SDRAM-DIMM:32MB:PC100    | 1                 |
| 10        | M026 1566 | Sheet:Journal:Many Languages | 1                 |

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