

# **RUSSIAN - PRINTER (G038)**

## **PARTS CATALOG**

## **PARTS CATALOG**

### **INTRODUCTION**

This chapter instructs you the numbers and names of parts on this machine.

### **INDEX to PARTS CATALOG**

|                                  |               |
|----------------------------------|---------------|
| <b>RUSSIAN - Printer</b>         | <b>(G038)</b> |
| <b>PS400</b>                     | <b>(A861)</b> |
| <b>PS440</b>                     | <b>(A860)</b> |
| <b>PS420</b>                     | <b>(A862)</b> |
| <b>CS370</b>                     | <b>(G518)</b> |
| <b>AD370</b>                     | <b>(G529)</b> |
| <b>SR720</b>                     | <b>(A681)</b> |
| <b>Interchange Unit Type 280</b> | <b>(G531)</b> |
| <b>Bridge Unit Type 270</b>      | <b>(A897)</b> |
| <b>Bypass Tray Type 270</b>      | <b>(A899)</b> |

# RUSSIAN - PRINTER (G038)

**NOTE:** The PM parts are listed in the first page of the parts index.  
These items are also bolded in the parts lists.

## PARTS CATALOG

### INTRODUCTION

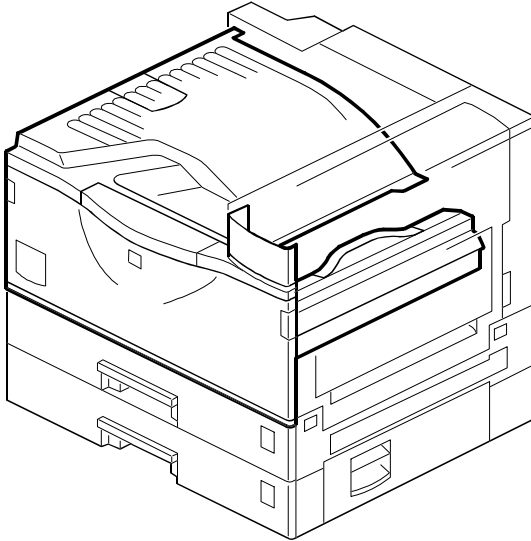
This chapter instructs you the numbers and names of parts on this machine.

### INDEX to PARTS CATALOG

|                                      |          |                                       |           |
|--------------------------------------|----------|---------------------------------------|-----------|
| <b>LOCATION OF UNIT.....</b>         | <b>2</b> | 19.ELECTRICAL SECTION 2 (G038) .....  | 42        |
| 1.EXTERIOR 1 (G038) .....            | 6        | 20.FRAME SECTION (G038) .....         | 44        |
| 2.EXTERIOR 2 (G038) .....            | 8        | 21.PRINTER CONTROL BOARD (G038) ..... | 46        |
| 3.LASER UNIT (G038) .....            | 10       | 22.ENGINE BOARD (G038) .....          | 50        |
| 4.TRANSFER UNIT (G038) .....         | 12       | 23.DECAL AND DOCUMENT (G038) .....    | 54        |
| 5.PAPER FEED SECTION 1 (G038) .....  | 14       | 24.SPECIAL TOOLS (G038) .....         | 56        |
| 6.PAPER FEED SECTION 2 (G038) .....  | 16       | <b>PARTS INDEX.....</b>               | <b>59</b> |
| 7.PAPER FEED SECTION 3 (G038) .....  | 18       |                                       |           |
| 8.TONER HOPPER UNIT (G038) .....     | 20       |                                       |           |
| 9.PAPER REGISTRATION (G038) .....    | 22       |                                       |           |
| 10.PAPER TRAY 1 (G038) .....         | 24       |                                       |           |
| 11.PAPER TRAY 2 (G038) .....         | 26       |                                       |           |
| 12.FUSING UNIT 1 (G038) .....        | 28       |                                       |           |
| 13.FUSING UNIT 2 (G038) .....        | 30       |                                       |           |
| 14.PAPER EXIT (G038) .....           | 32       |                                       |           |
| 15.DRIVE SECTION 1 (G038) .....      | 34       |                                       |           |
| 16.DRIVE SECTION 2 (G038) .....      | 36       |                                       |           |
| 17.DRIVE SECTION 3 (G038) .....      | 38       |                                       |           |
| 18.ELECTRICAL SECTION 1 (G038) ..... | 40       |                                       |           |

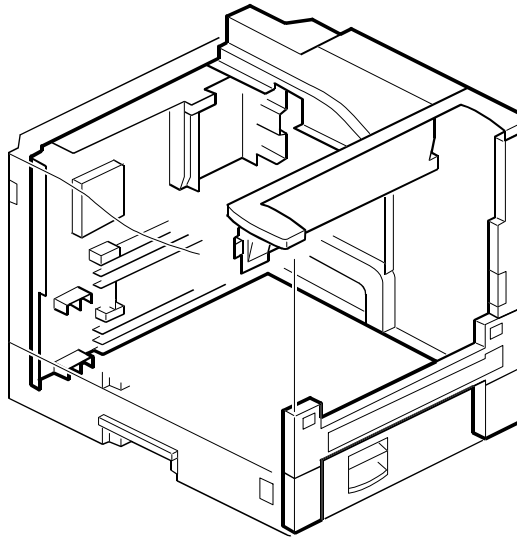
## LOCATION OF UNIT

1.EXTERIOR 1 (G038)



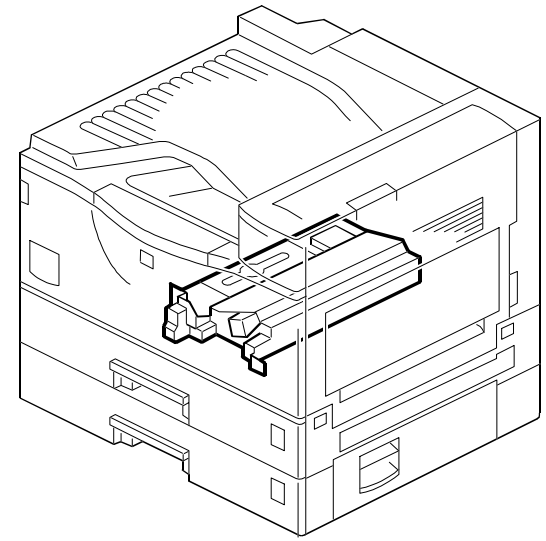
See Page 7

2.EXTERIOR 2 (G038)



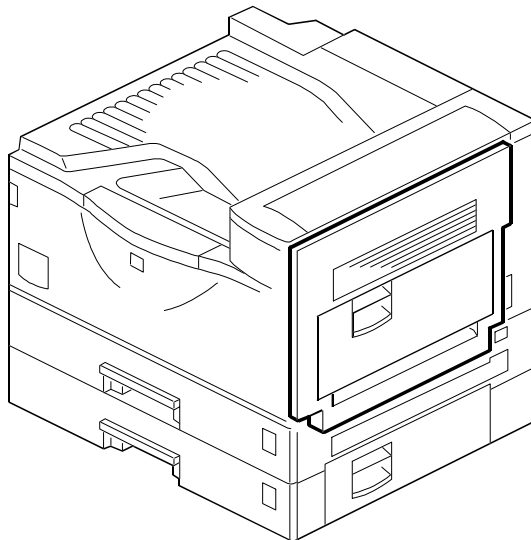
See Page 9

3.LASER UNIT (G038)



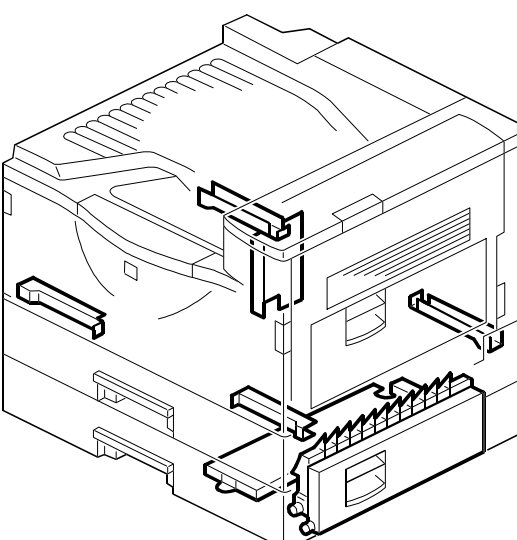
See Page 11

4.TRANSFER UNIT (G038)



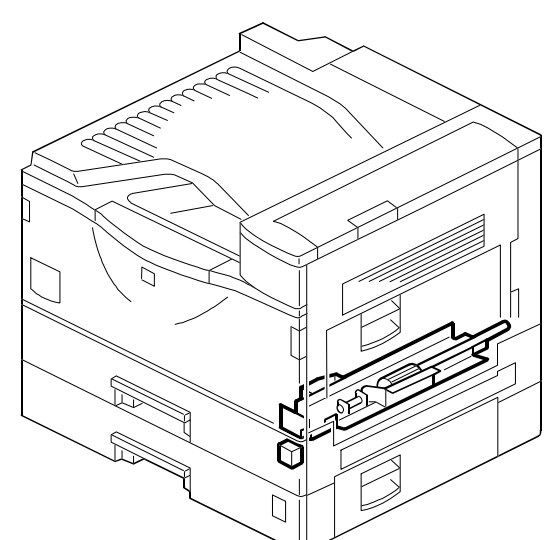
See Page 13

5.PAPER FEED SECTION 1 (G038)



See Page 15

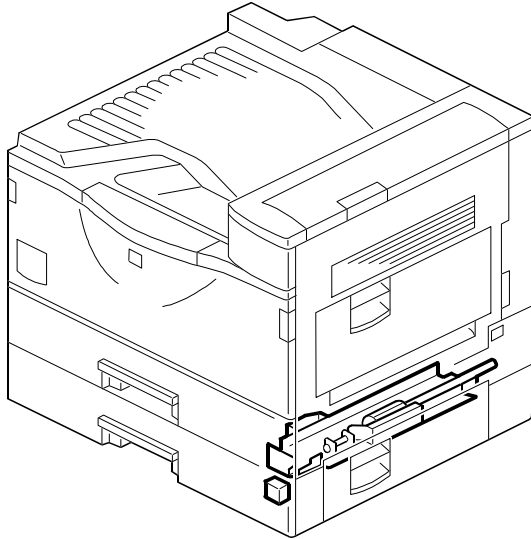
6.PAPER FEED SECTION 2 (G038)



See Page 17

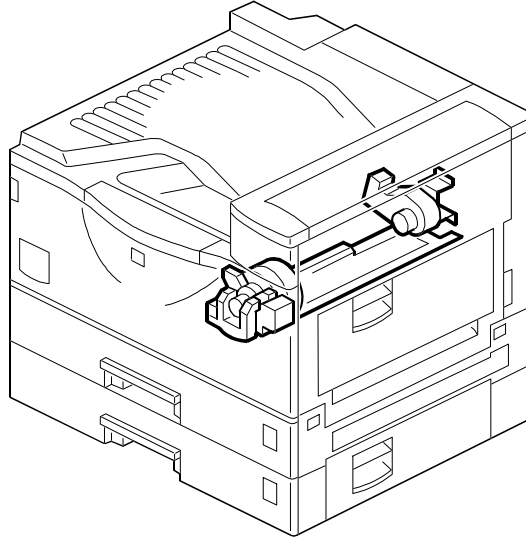
## LOCATION OF UNIT

7.PAPER FEED SECTION 3 (G038)



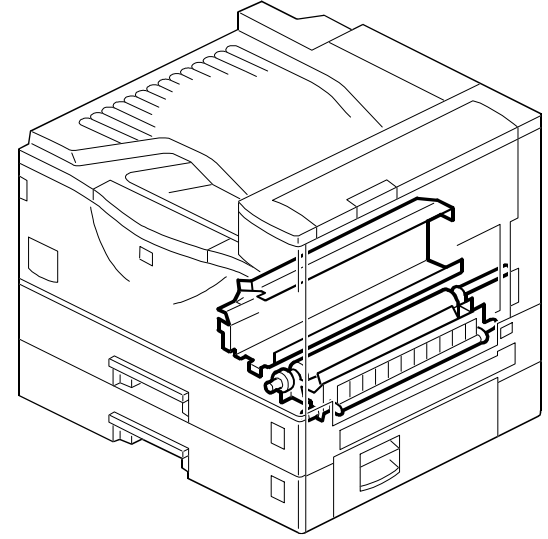
See Page 19

8.TONER HOPPER UNIT (G038)



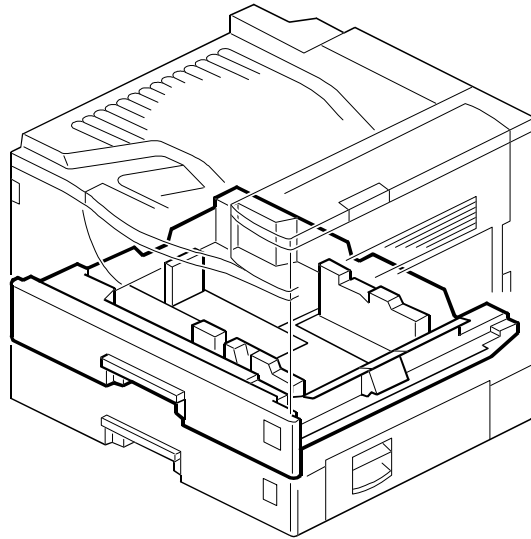
See Page 21

9.PAPER REGISTRATION (G038)



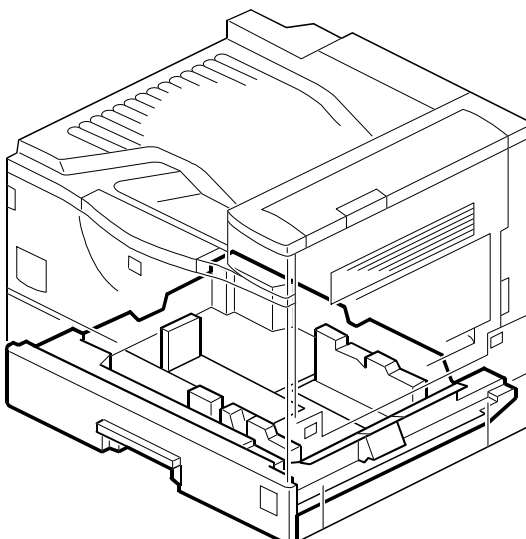
See Page 23

10.PAPER TRAY 1 (G038)



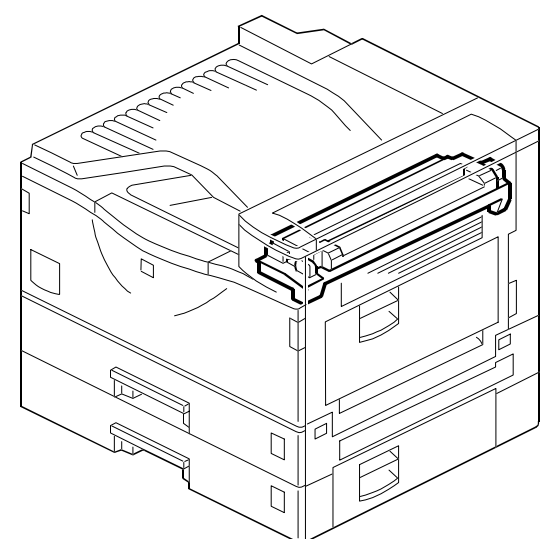
See Page 25

11.PAPER TRAY 2 (G038)



See Page 27

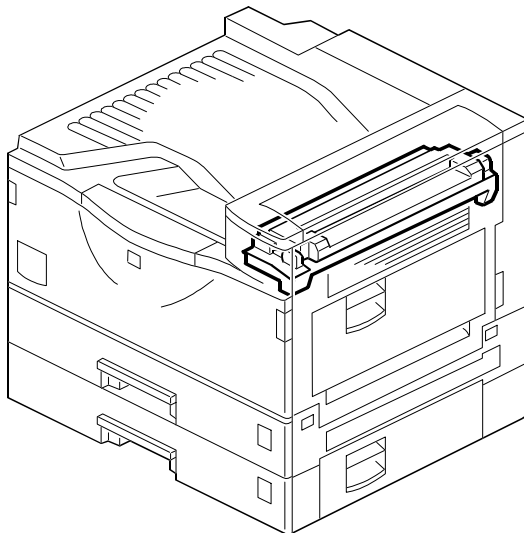
12.FUSING UNIT 1 (G038)



See Page 29

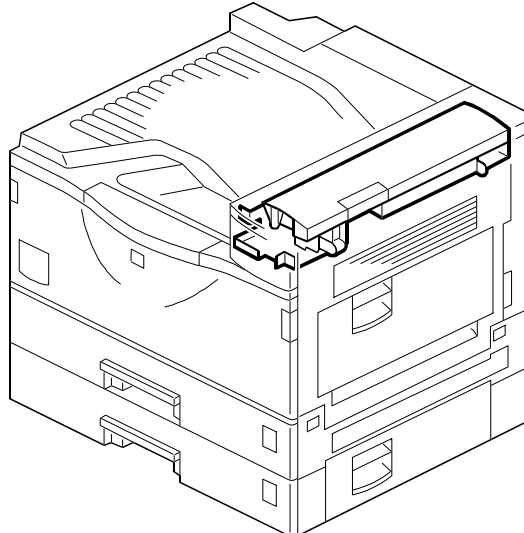
## LOCATION OF UNIT

13.FUSING UNIT 2 (G038)



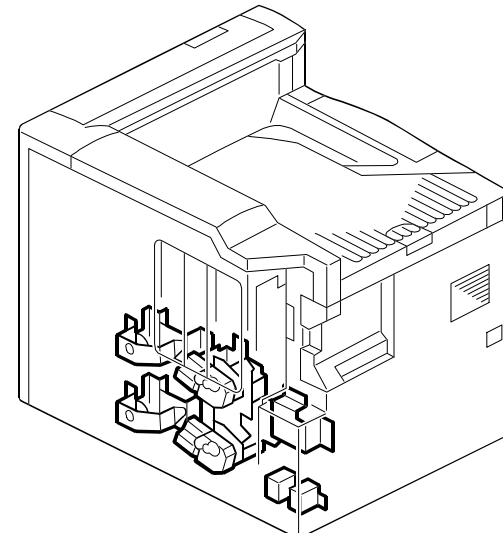
See Page 31

14.PAPER EXIT (G038)



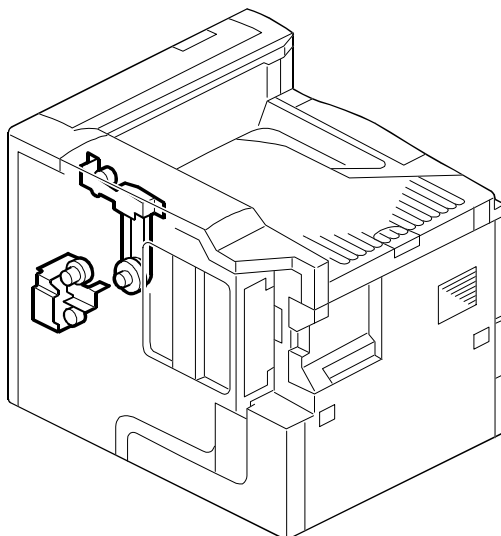
See Page 33

15.DRIVE SECTION 1 (G038)



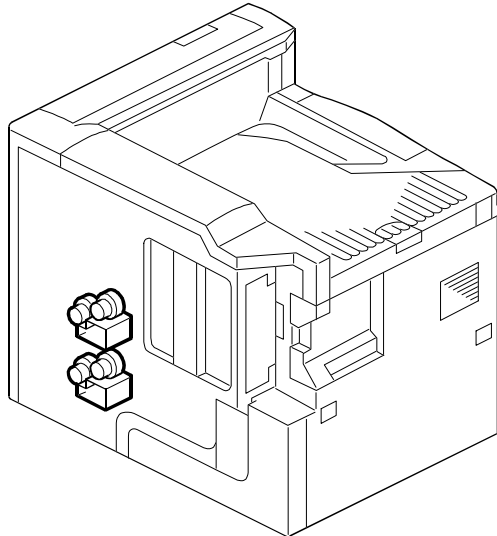
See Page 35

16.DRIVE SECTION 2 (G038)



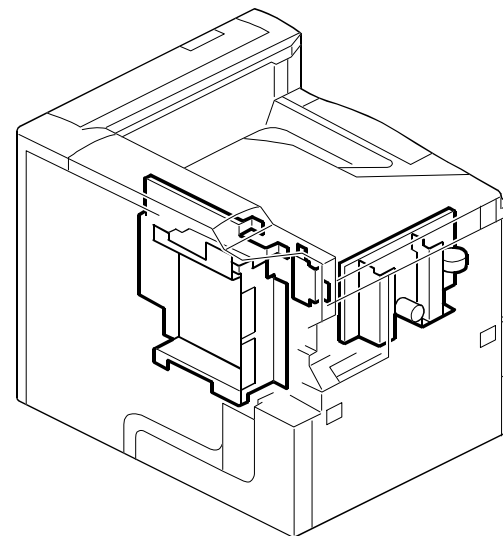
See Page 37

17.DRIVE SECTION 3 (G038)



See Page 39

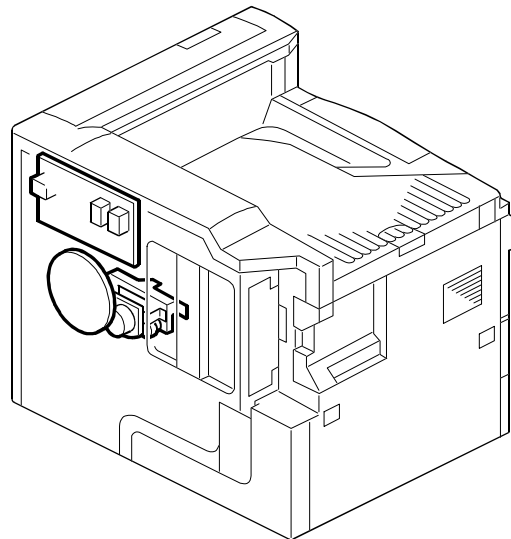
18.ELECTRICAL SECTION 1 (G038)



See Page 41

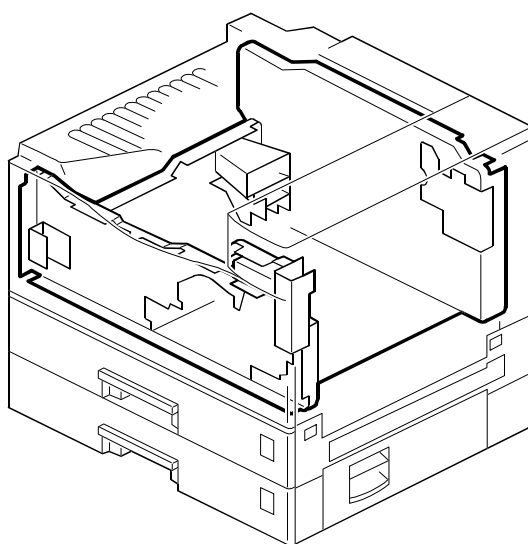
LOCATION OF UNIT

19.ELECTRICAL SECTION 2 (G038)



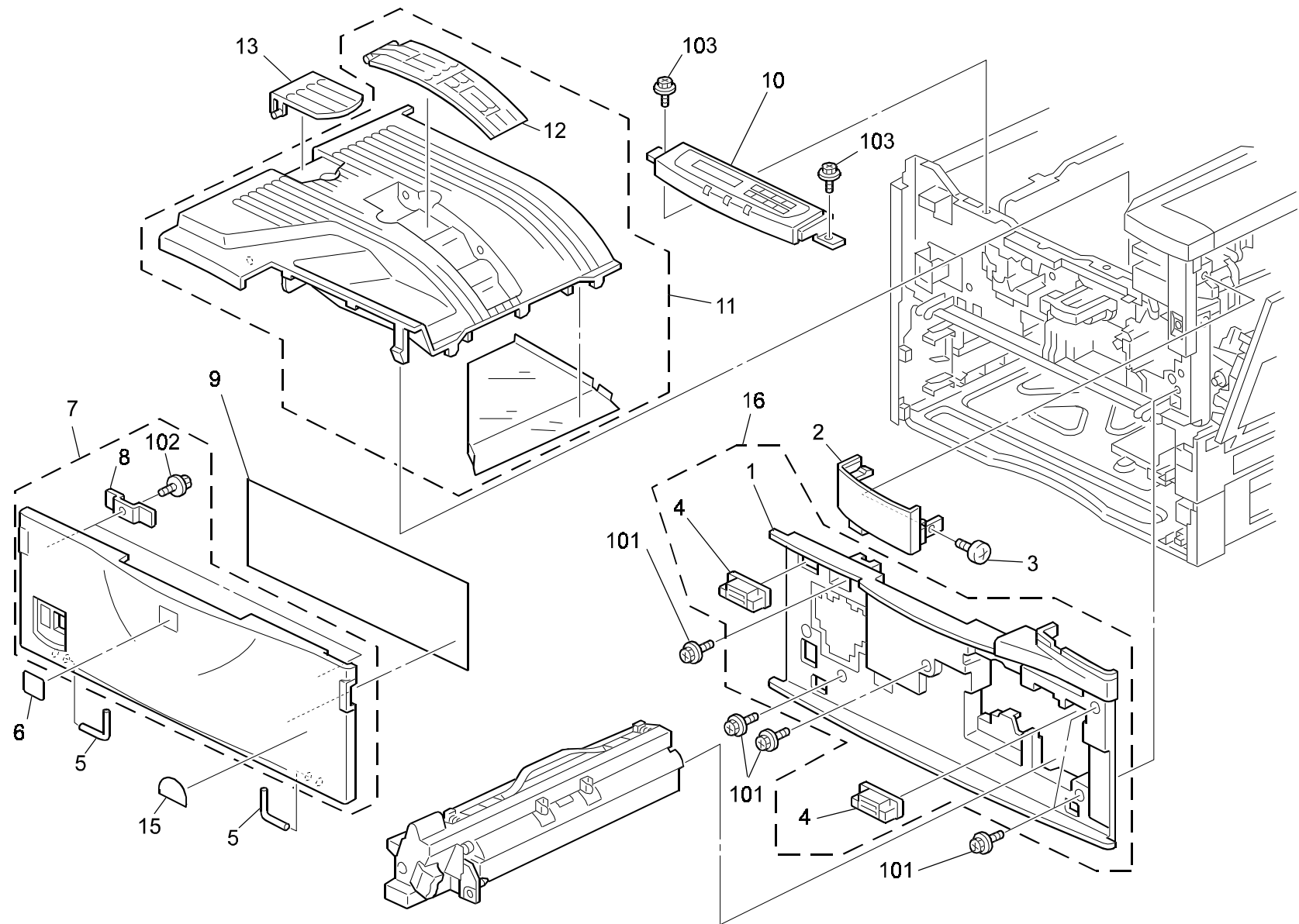
See Page 43

20.FRAME SECTION (G038)



See Page 45

1.EXTERIOR 1 (G038)

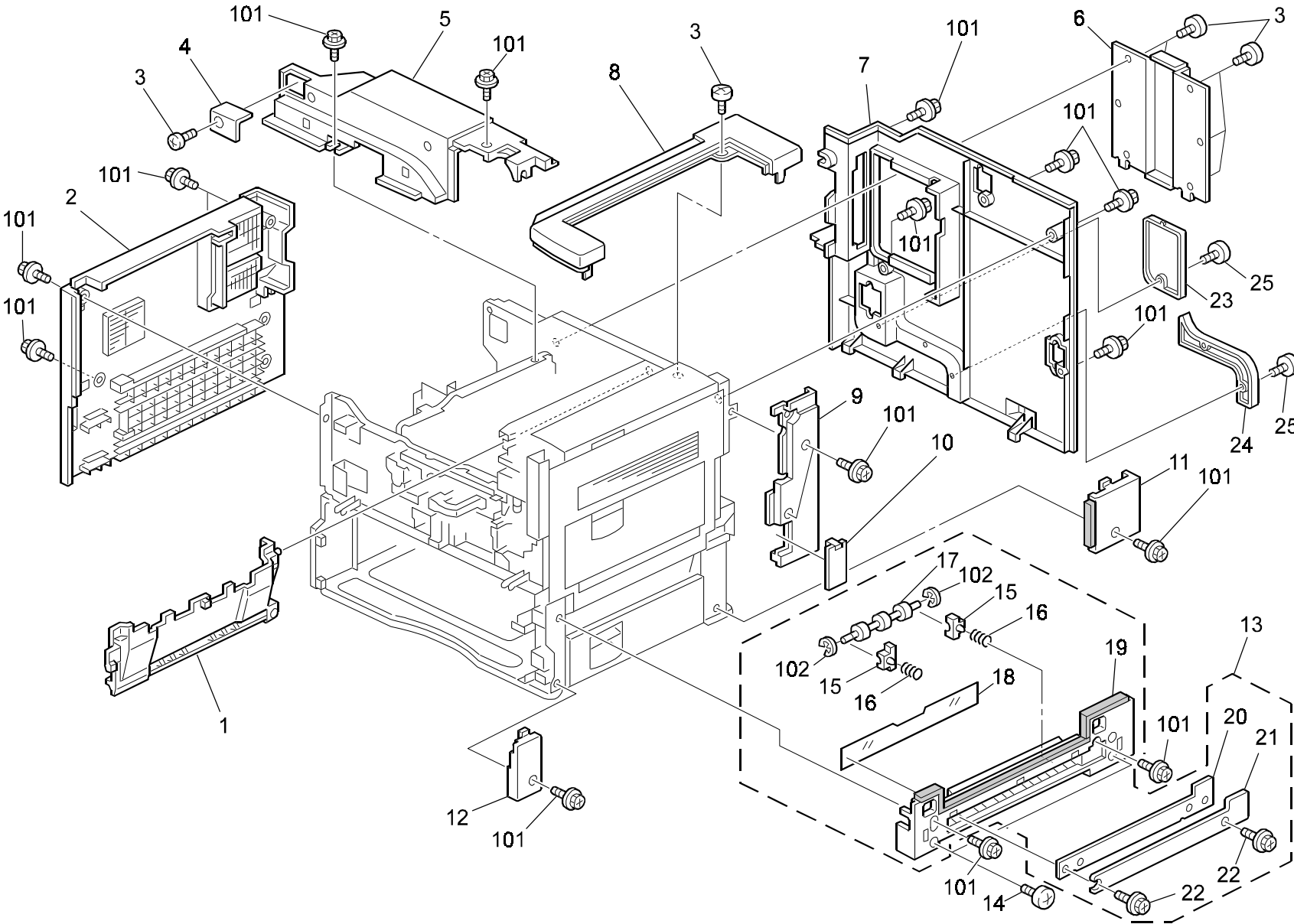


## 1.EXTERIOR 1 (G038)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | A267 1321 | Inner Cover                     | 1                 |
| 2         | G038 1320 | Upper Right Front Cover         | 1                 |
| 3         | G020 1391 | Screw - M3x4.5                  | 1                 |
| 4         | AG07 1011 | Magnet Catch                    | 2                 |
| 5         | G020 1332 | Hinge - Front Cover             | 2                 |
| 6         | A134 1383 | Emblem (RIC)                    | 1                 |
| 7         | G038 7051 | Front Door Ass'y - RIC (EUR)    | 1                 |
| 7         | G038 7295 | Front Door Ass'y - NRG          | 1                 |
| 7         | G038 7296 | Front Door Ass'y - Savin/GES    | 1                 |
| 8         | A267 1264 | Magnet Catch - Front Cover      | 2                 |
| 9         | G038 1268 | Operation Instruction Sheet     | 1                 |
| 10        | G038 7152 | Operation Panel Ass'y (NA)      | 1                 |
| 10        | G038 7172 | Operation Panel Ass'y (EUR)     | 1                 |
| 11        | A267 1340 | Upper Rear Cover - Scanner Unit | 1                 |
| 12        | A267 1348 | Paper Support Cover             | 1                 |
| 13        | A267 1343 | Sub Paper Tray                  | 1                 |
| 14        | AA00 1389 | Large Decal - Energy Star       | 1                 |
| 15        | G038 1235 | Front Cover Ass'y               | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3008H | Tapping Screw - 3x8  |                   |
| 102       | 0450 3008B | Tapping Screw - M3x8 |                   |
| 103       | 0451 3008B | Tapping Screw - M3x8 |                   |

2.EXTERIOR 2 (G038)

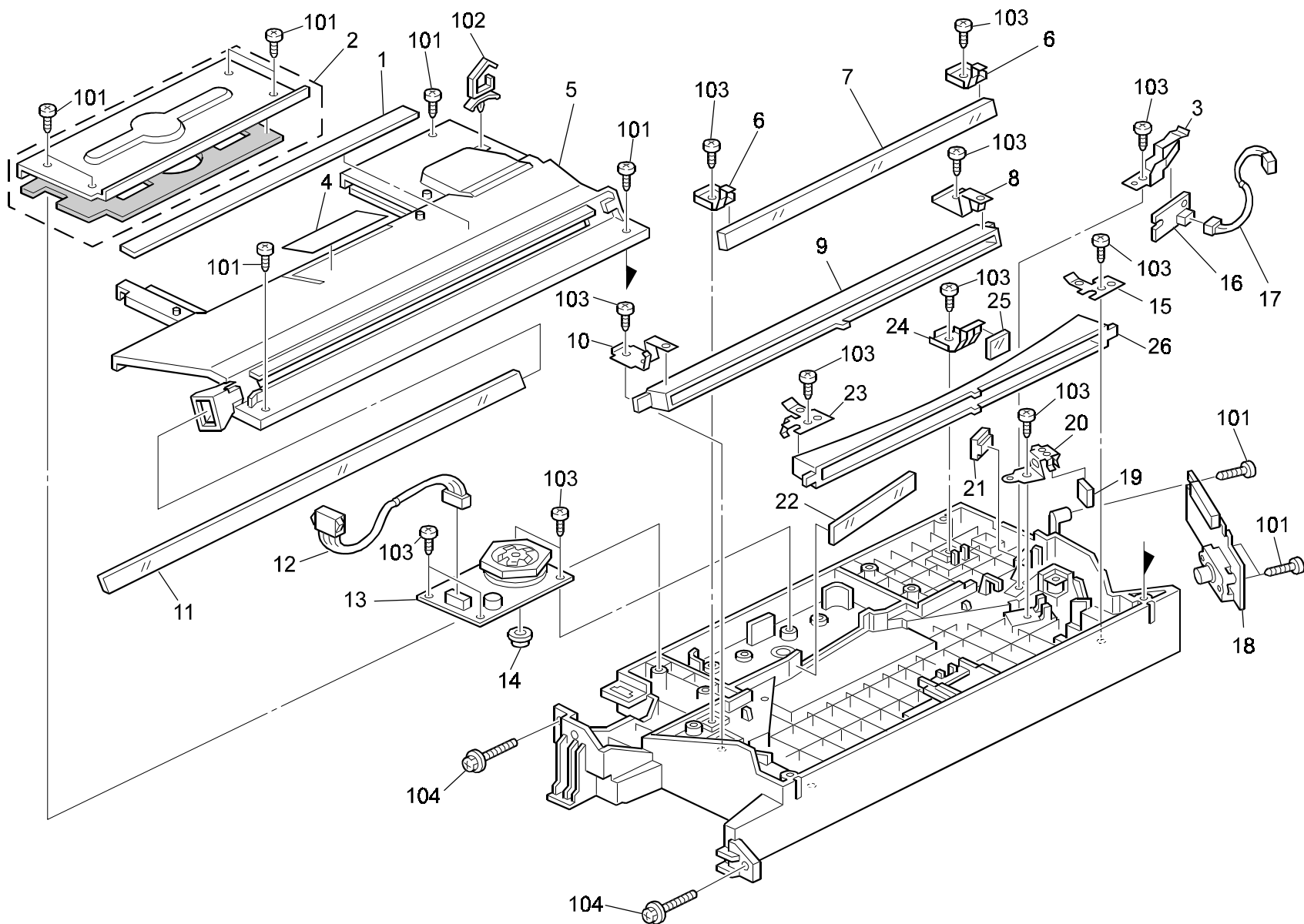


## 2.EXTERIOR 2 (G038)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | A267 1345 | Paper Exit Cover                   | 1                 |
| 2         | A267 1281 | Left Cover                         | 1                 |
| 3         | G020 1391 | Screw - M3x4.5                     | 8                 |
| 4         | G038 1378 | Joint Cap                          | 1                 |
| 5         | G038 1304 | Rear Paper Exit Cover              | 1                 |
| 6         | G038 1294 | Rear Cover                         | 1                 |
| 7         | G038 1290 | Rear Cover                         | 1                 |
| 8         | G038 1303 | Upper Paper Exit Cover             | 1                 |
| 9         | G038 1270 | Right Rear Cover                   | 1                 |
| 10        | A267 1370 | Cap - Duplex                       | 1                 |
| 11        | A267 2717 | Right Rear Lower Cover             | 1                 |
| 12        | A267 2716 | Right Front Lower Cover            | 1                 |
| 13        | A267 2727 | Middle Right Cover                 | 1                 |
| 14        | A548 6121 | Screw - M4                         | 1                 |
| 15        | AA08 0249 | Bushing - Vertical Transport       | 2                 |
| 16        | AA06 3334 | Spring - Vertical Transport        | 2                 |
| 17        | A267 2715 | Driven Roller - Vertical Transport | 1                 |
| 18        | A267 2709 | Guide Mylar                        | 1                 |
| 19        | A267 2705 | Middle Right Cover                 | 1                 |
| 20        | A267 2710 | Stay - Cap                         | 1                 |
| 21        | A267 2708 | Cap - Bypass Feed                  | 1                 |
| 22        | A267 2713 | Hexagonal Set Screw - M3X8         | 2                 |
| 23        | G038 1296 | Rear Cap Cover - Large             | 1                 |
| 24        | G038 1297 | Rear Cap Cover - Small             | 1                 |
| 25        | G038 1299 | Rivet - 5                          | 3                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3008H | Tapping Screw - 3x8 |                   |
| 102       | 0720 0040E | Retaining Ring - M4 |                   |

### 3.LASER UNIT (G038)

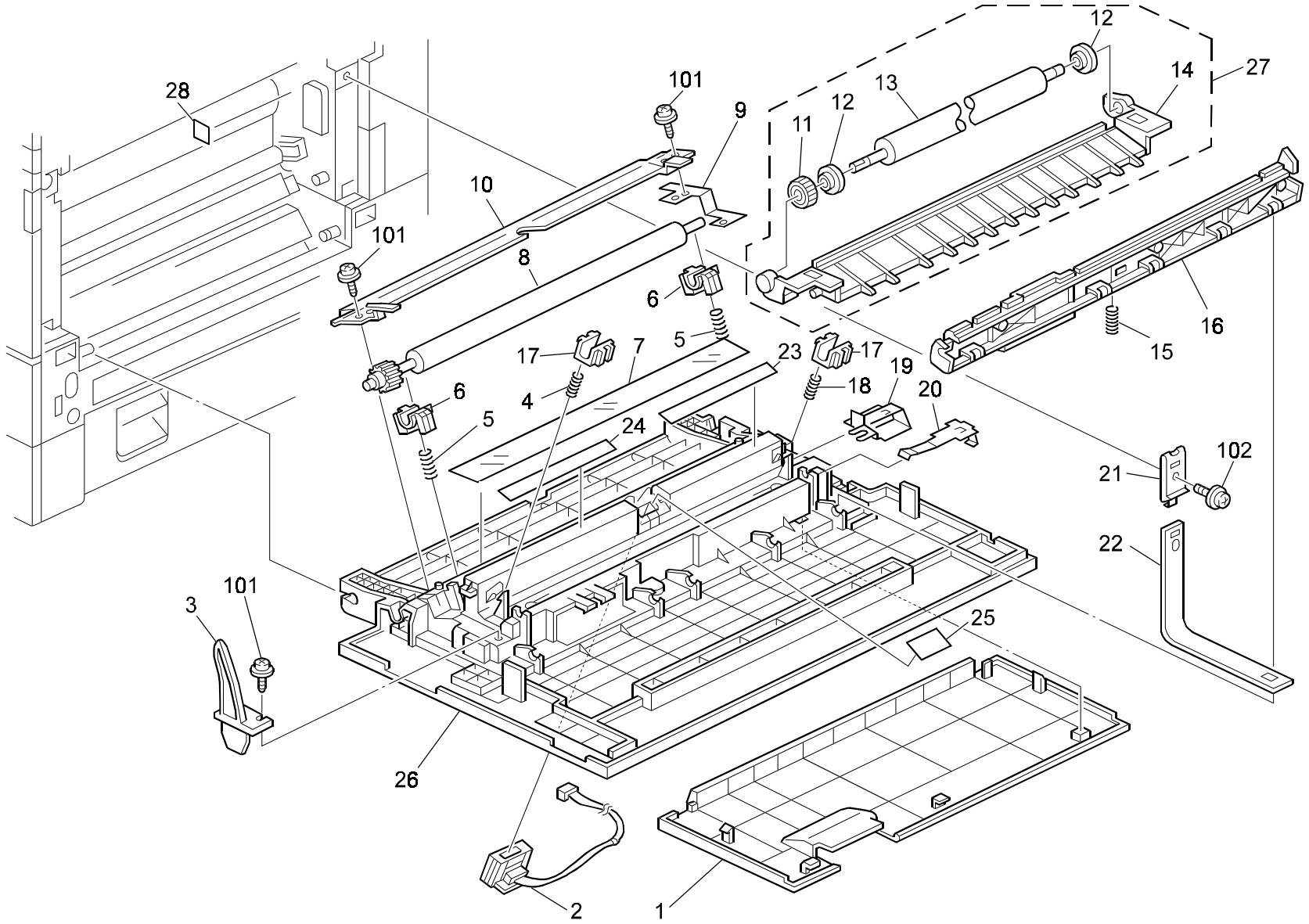


### 3.LASER UNIT (G038)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | A232 1971 | Support Cover - Imaging Unit        | 1                 |
| 2         | A267 1917 | Cover - Polygon Motor               | 1                 |
| 3         | A267 1944 | Plate - Sync.Detector Board         | 1                 |
| 4         | G029 1980 | Decal - LD                          | 1                 |
| 5         | A267 1938 | Cover - Laser Unit                  | 1                 |
| 6         | A267 1942 | Mirror Holder                       | 2                 |
| 7         | AC01 0005 | Mirror                              | 1                 |
| 8         | A267 1941 | Rear Holder - BTL                   | 1                 |
| 9         | G020 1969 | BTL Lens                            | 1                 |
| 10        | A267 1940 | Front Holder - BTL                  | 1                 |
| 11        | AC03 0077 | Shield Glass                        | 1                 |
| 12        | A267 5224 | Harness - Polygon Mirror Motor      | 1                 |
| 13        | AX06 0181 | Polygon Mirror Motor                | 1                 |
| 14        | A232 1916 | Collar - Polygon Motor              | 1                 |
| 15        | A232 1922 | Rear Holder - F Theta Mirror        | 1                 |
| 16        | A232 5310 | Laser Sync. Detector                | 1                 |
| 17        | A267 5222 | Harness - Sync.Detector             | 1                 |
| 18        | A267 1915 | LD Unit                             | 1                 |
| 19        | G020 1966 | Cylindrical Lens                    | 1                 |
| 20        | A232 1927 | Cylindrical Lens Holder             | 1                 |
| 21        | G029 1975 | Cylindrical Lens                    | 1                 |
| 22        | G020 1937 | Shield Glass - Polygon Morror Motor | 1                 |
| 23        | A232 1921 | Front Holder - F Theta Mirror       | 1                 |
| 24        | A267 1933 | Mirror Holder - Sync.Detector       | 1                 |
| 25        | G020 1911 | Sync Detector Mirror                | 1                 |
| 26        | G020 1968 | F Theta Mirror                      | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0452 3010B | Tapping Bind Screw - M3x10 |                   |
| 102       | 1105 0487  | Harness Clamp              |                   |
| 103       | 0452 3008B | Tapping Screw - M3x8       |                   |
| 104       | 0451 3008B | Tapping Screw - M3x8       |                   |

4.TRANSFER UNIT (G038)

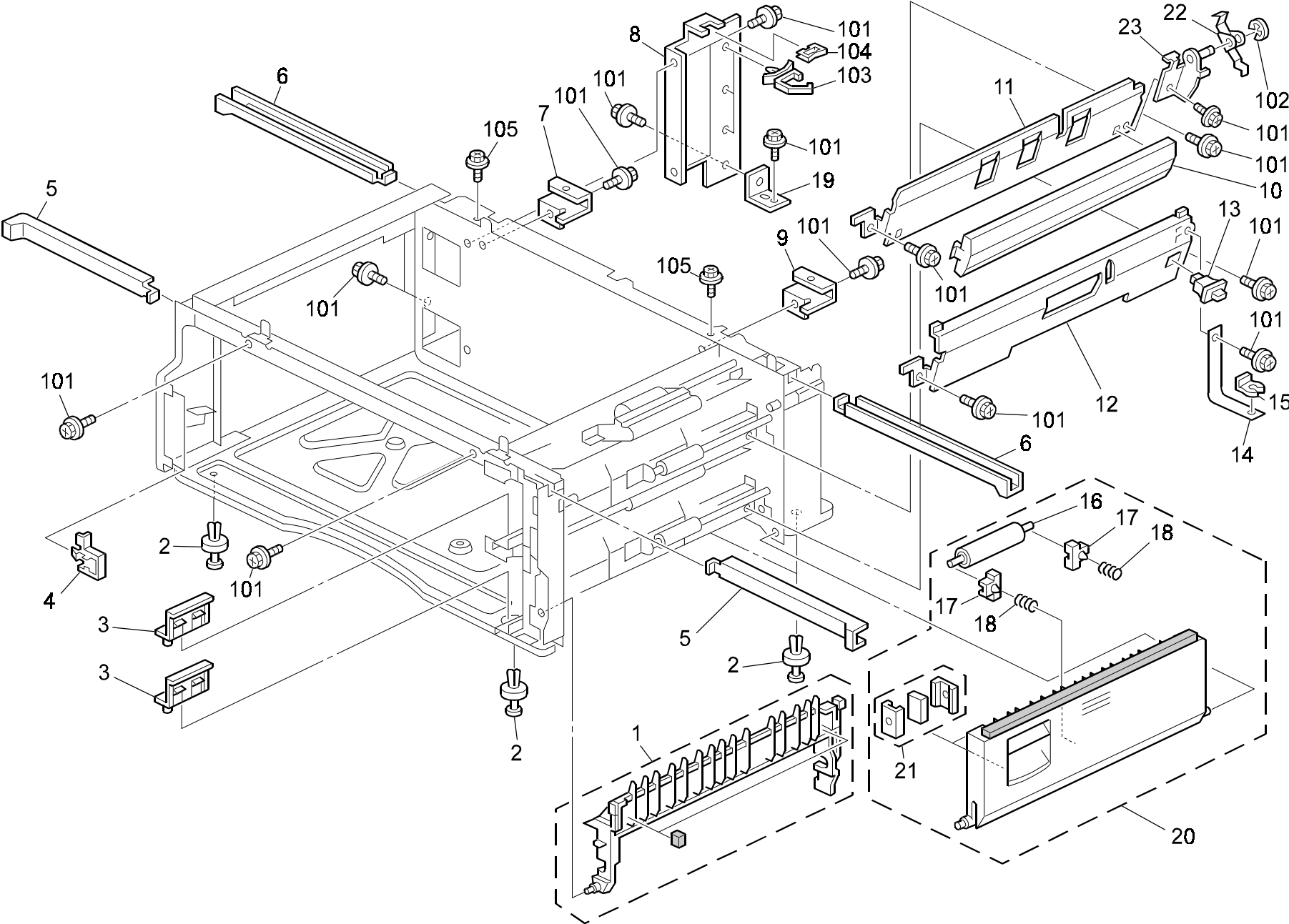


#### 4.TRANSFER UNIT (G038)

| Index No. | Part No.         | Description                       | Q'ty Per Assembly |
|-----------|------------------|-----------------------------------|-------------------|
| 1         | A267 3857        | Right Cover                       | 1                 |
| 2         | A267 3901        | ID Sensor                         | 1                 |
| 3         | A267 3931        | Shutter Lever                     | 1                 |
| 4         | AA06 3599        | Pressure Spring                   | 1                 |
| 5         | AA06 3335        | Pressure Spring                   | 2                 |
| 6         | A267 2685        | Bushing - Driven Roller           | 2                 |
| 7         | A267 2712        | Cleaner - Regist Driven Roller    | 1                 |
| 8         | AF02 1064        | Registration Driven Roller        | 1                 |
| 9         | A267 3921        | Grounding Terminal                | 1                 |
| 10        | A267 2711        | Right Guide Plate - Regist Roller | 1                 |
| 11        | AB01 0349        | Transfer Roller Gear              | 1                 |
| 12        | G020 3855        | Spacer Roller - Transfer          | 2                 |
| 13        | A267 3882        | Transfer Roller                   | 1                 |
| 14        | G038 3890        | Separation Unit                   | 1                 |
| 15        | AA06 3598        | Pressure Spring                   | 1                 |
| 16        | A267 3871        | Lever - Transfer/Separation Unit  | 1                 |
| 17        | AA08 0255        | Transfer Roller Bushing           | 2                 |
| 18        | AA06 3607        | Pressure Spring                   | 1                 |
| 19        | A267 3861        | Terminal - Transfer Roller        | 1                 |
| 20        | A267 3862        | Terminal - Separation             | 1                 |
| 21        | A232 3962        | Spring Plate - Band Stopper       | 1                 |
| 22        | A267 3941        | Band - Vertical Transport Cover   | 1                 |
| 23        | AA15 0708        | Front Discharge Sheet             | 1                 |
| 24        | AA15 0709        | Rear Discharge Sheet              | 1                 |
| 25        | A267 3905        | Cover - ID Sensor                 | 1                 |
| 26        | A267 3855        | Cover - Transfer Unit             | 1                 |
| 27        | <b>G038 3830</b> | <b>Transfer/Separation Unit</b>   | <b>1</b>          |
| 28        | 5214 4975        | Decal - High Voltage              | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3008B | Tapping Screw - M3x8 |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6 |                   |

5.PAPER FEED SECTION 1 (G038)

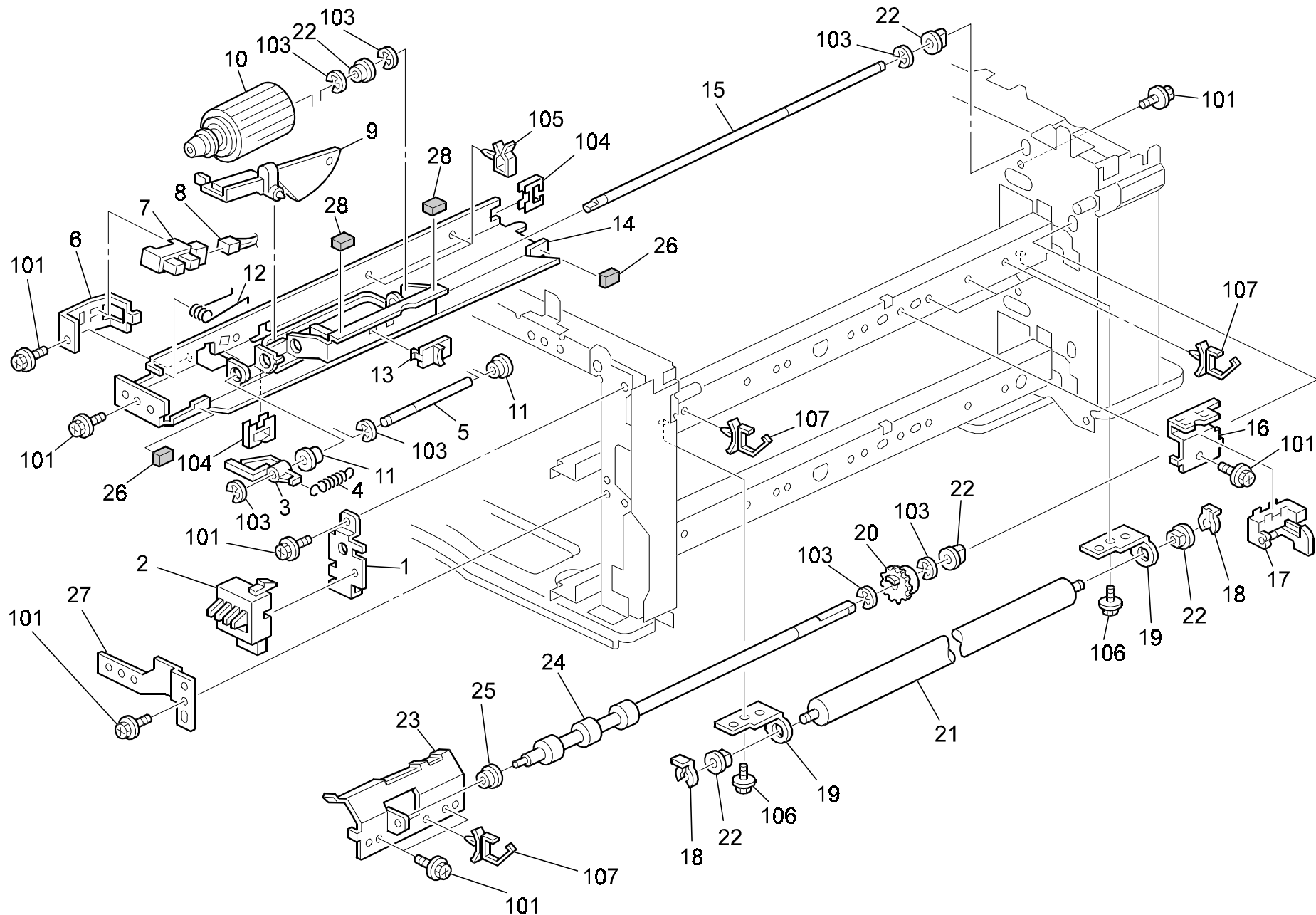


## 5.PAPER FEED SECTION 1 (G038)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | A267 2724 | Lower Paper Guide Plate          | 1                 |
| 2         | AH01 0009 | Rubber Pad - H5                  | 4                 |
| 3         | A267 2588 | Shoe - Right Rail                | 2                 |
| 4         | A267 2589 | Shoe - Supporter                 | 2                 |
| 5         | A267 2564 | Front Grip Plate                 | 2                 |
| 6         | A267 2567 | Rear Grip Plate                  | 2                 |
| 7         | A267 2576 | Left Bracket - Grip Plate        | 1                 |
| 8         | G038 2595 | Separation Plate - Heater        | 1                 |
| 9         | A267 2573 | Right Bracket - Grip Plate       | 1                 |
| 10        | A267 2736 | Vertical Transport Guide         | 1                 |
| 11        | A267 2733 | Upper Guide - Vertical Transport | 1                 |
| 12        | A267 2732 | Lower Guide - Vertical Transport | 1                 |
| 13        | G020 5626 | Push Switch                      | 1                 |
| 14        | A267 2740 | Stopper Band                     | 1                 |
| 15        | 5206 2686 | Snap Ring                        | 1                 |
| 16        | AF02 2118 | Pull Out Roller - Option Tray    | 1                 |
| 17        | AA08 0249 | Bushing - Vertical Transport     | 2                 |
| 18        | AA06 3334 | Spring - Vertical Transport      | 2                 |
| 19        | G038 2580 | Protect Base Bracket             | 1                 |
| 20        | A267 2728 | Cover - Vertical Transport       | 1                 |
| 21        | AG07 0014 | Magnet Catch                     | 1                 |
| 22        | A267 2680 | Spring Plate - Roller Clutch     | 1                 |
| 23        | A267 2677 | Roller Clutch Bracket            | 1                 |

| Index No. | Part No.   | Description                  | Q'ty Per Assembly |
|-----------|------------|------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6         |                   |
| 102       | 0720 0030E | Retaining Ring - M3          |                   |
| 103       | 1105 0460  | Clamp                        |                   |
| 104       | 1105 0329  | Clamp - ES-0510              |                   |
| 105       | 0451 4008B | Philips Tapping Screw - M4x8 |                   |

6.PAPER FEED SECTION 2 (G038)

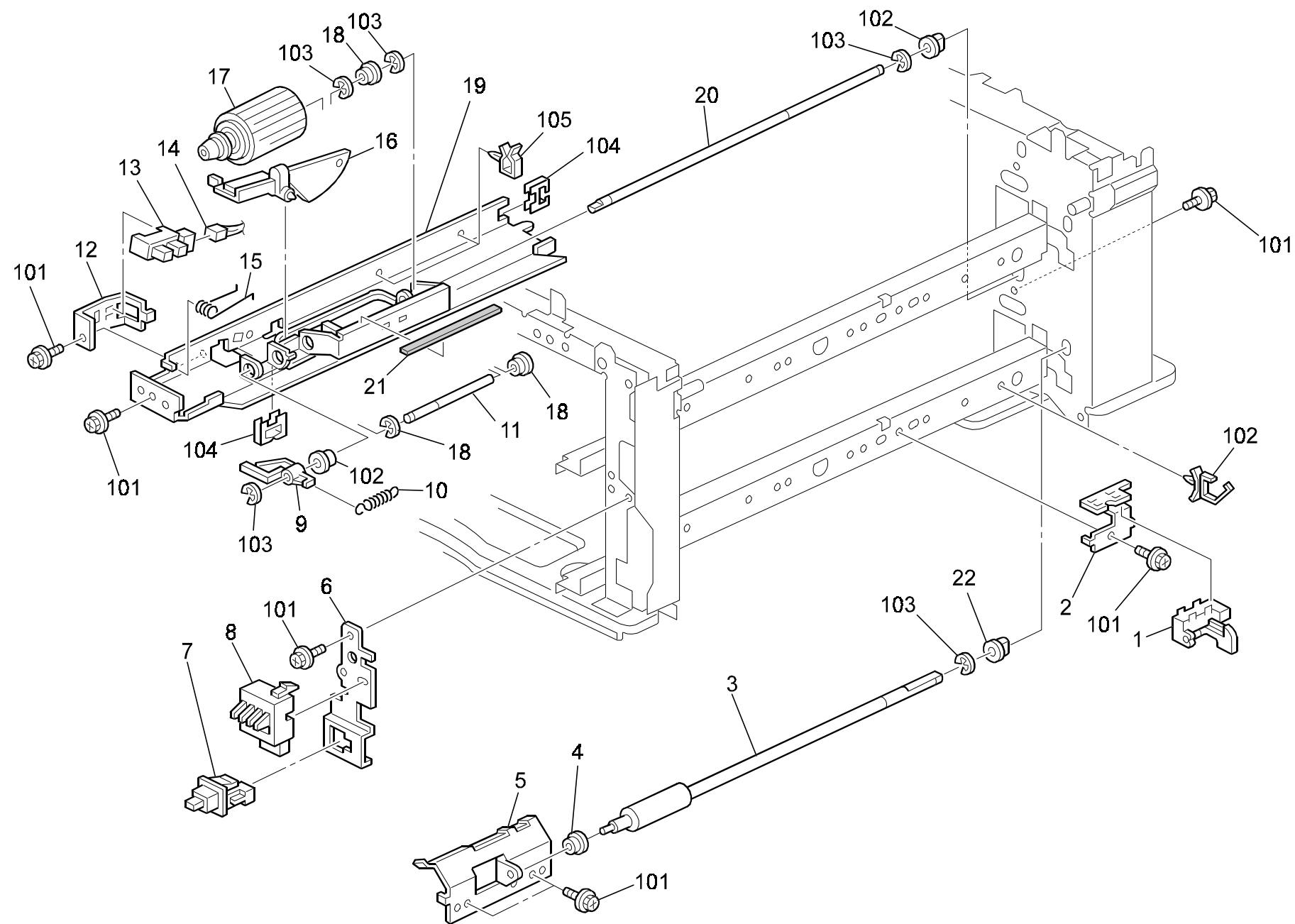


## 6.PAPER FEED SECTION 2 (G038)

| Index No. | Part No.         | Description                        | Q'ty Per Assembly |
|-----------|------------------|------------------------------------|-------------------|
| 1         | A267 2873        | Bracket - Paper Size Sensor        | 1                 |
| 2         | G020 2620        | Push Switch - Paper Size           | 1                 |
| 3         | A267 2786        | Lock Lever - Feed Roller           | 1                 |
| 4         | A267 2787        | Tension Spring - Lock Lever        | 1                 |
| 5         | A267 2785        | Lock Lever Shaft - Feed Roller     | 1                 |
| 6         | A267 2805        | Bracker - Paper End Sensor         | 1                 |
| 7         | AW02 0075        | Photointerruptor                   | 1                 |
| 8         | A267 5215        | Relay Harness - Paper End Sensor   | 1                 |
| 9         | A267 2803        | Feeler - Paper End Sensor          | 1                 |
| 10        | <b>A267 2751</b> | <b>Paper Feed Roller</b>           | <b>1</b>          |
| 11        | A267 2847        | Bushing - Motor Shaft              | 2                 |
| 12        | A267 2788        | Torsion Spring - Lock Lever        | 1                 |
| 13        | A267 2666        | Bushing - Roller Guide             | 1                 |
| 14        | A267 2800        | Guide Plate - Paper Feed Roller    | 1                 |
| 15        | A267 2754        | Shaft - Paper Feed Roller          | 1                 |
| 16        | A267 2663        | Bracket - Photointerruptor         | 1                 |
| 17        | AW02 0111        | Photointerruptor                   | 1                 |
| 18        | H521 3355        | C Ring - Paper Feed Roller         | 2                 |
| 19        | A267 2577        | Roller Guide Bracket 2             | 2                 |
| 20        | A267 2681        | Roller Clutch - Vertical Transport | 1                 |
| 21        | A267 2665        | Upper Roller Guide                 | 1                 |
| 22        | H521 3356        | Bushing - Paper Feed Roller        | 3                 |
| 23        | A267 2828        | Guide Plate - Pressure Release     | 1                 |
| 24        | AF02 0500        | Driven Roller                      | 1                 |
| 25        | AA08 0252        | Bushing - M4                       | 1                 |
| 26        | AA16 1143        | Cushion - Link                     | 2                 |
| 27        | A267 2587        | Guide Plate                        | 1                 |
| 28        | A267 2813        | Cushion - Guide Plate              | 2                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6                |                   |
| 102       | 0451 3030B | Tapping Screw - 3x30                |                   |
| 103       | 0720 0040E | Retaining Ring - M4                 |                   |
| 104       | 1105 0329  | Clamp - ES-0510                     |                   |
| 105       | 1105 0283  | Clamp                               |                   |
| 106       | 0951 3004B | Philps Screw With Flat Washer -m3x4 |                   |
| 107       | 1105 0501  | Harness Clamp - RLMC-05TV0          |                   |

7.PAPER FEED SECTION 3 (G038)

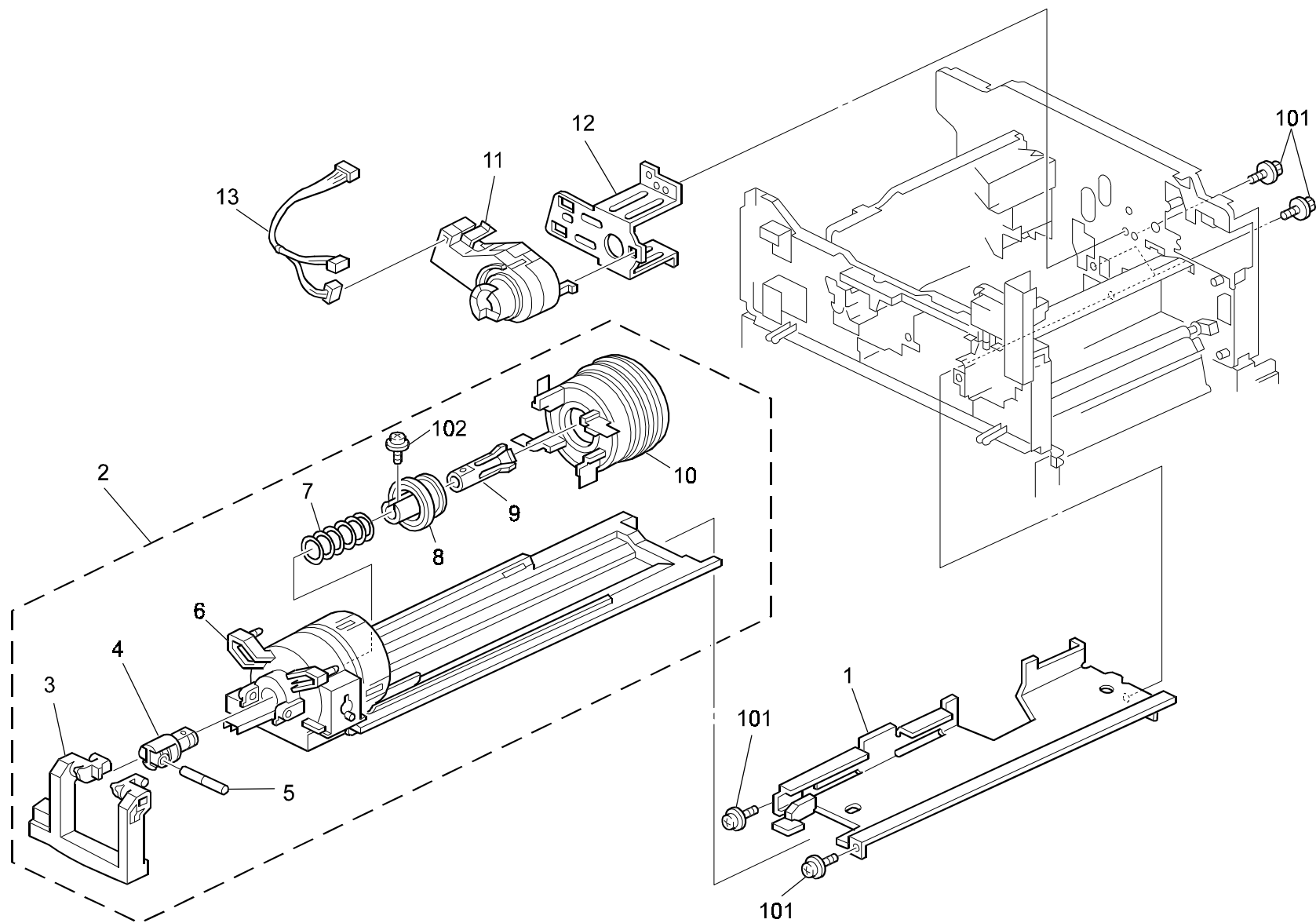


## 7.PAPER FEED SECTION 3 (G038)

| Index No. | Part No.         | Description                      | Q'ty Per Assembly |
|-----------|------------------|----------------------------------|-------------------|
| 1         | AW02 0111        | Photointerruptor                 | 1                 |
| 2         | A267 2660        | Bracket - Photointerruptor       | 1                 |
| 3         | AF02 0472        | Transport Roller                 | 1                 |
| 4         | AA08 0252        | Bushing - M4                     | 1                 |
| 5         | A267 2842        | Guide Plate - Pressure Release   | 1                 |
| 6         | A267 2882        | Sensor Bracket - Special Paper   | 1                 |
| 7         | AW50 0022        | Push Switch                      | 1                 |
| 8         | G020 2620        | Push Switch - Paper Size         | 1                 |
| 9         | A267 2786        | Lock Lever - Feed Roller         | 1                 |
| 10        | A267 2787        | Tension Spring - Lock Lever      | 1                 |
| 11        | A267 2785        | Lock Lever Shaft - Feed Roller   | 1                 |
| 12        | A267 2805        | Bracker - Paper End Sensor       | 1                 |
| 13        | AW02 0075        | Photointerruptor                 | 1                 |
| 14        | A267 5215        | Relay Harness - Paper End Sensor | 1                 |
| 15        | A267 2788        | Torsion Spring - Lock Lever      | 1                 |
| 16        | A267 2803        | Feeler - Paper End Sensor        | 1                 |
| 17        | <b>A267 2751</b> | <b>Paper Feed Roller</b>         | <b>1</b>          |
| 18        | A267 2847        | Bushing - Motor Shaft            | 2                 |
| 19        | A267 2800        | Guide Plate - Paper Feed Roller  | 1                 |
| 20        | A267 2754        | Shaft - Paper Feed Roller        | 1                 |
| 21        | AA16 1143        | Cushion - Link                   | 1                 |
| 22        | H521 3356        | Bushing - Paper Feed Roller      | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6       |                   |
| 102       | 1105 0501  | Harness Clamp - RLMC-05TV0 |                   |
| 103       | 0720 0040E | Retaining Ring - M4        |                   |
| 104       | 1105 0329  | Clamp - ES-0510            |                   |
| 105       | 1105 0283  | Clamp                      |                   |

8.TONER HOPPER UNIT (G038)

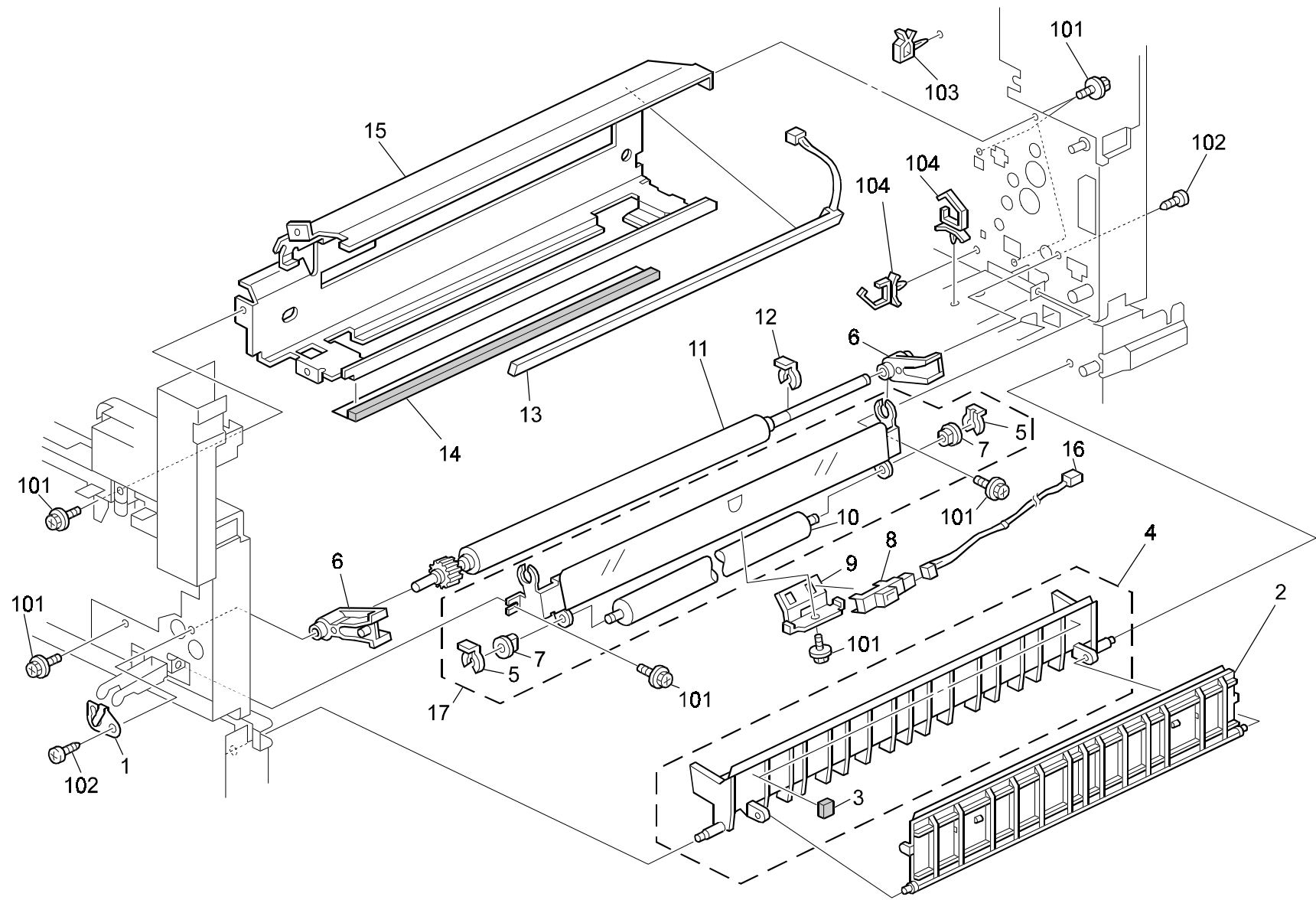


## 8.TONER HOPPER UNIT (G038)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | A267 1054 | Guide Plate - Toner Supply Unit    | 1                 |
| 2         | A267 3500 | Toner Supply Unit Ass'y (RIC 120V) | 1                 |
| 2         | A267 7470 | Toner Supply Unit (SVN)            | 1                 |
| 3         | A267 3605 | Cam - Handle                       | 1                 |
| 4         | A184 3421 | Chuck Shaft                        | 1                 |
| 5         | A184 3422 | Toner Slider                       | 1                 |
| 6         | A267 3550 | Case - Toner Supply Ass'y          | 1                 |
| 7         | A184 3411 | Chuck Spring                       | 1                 |
| 8         | G020 3334 | Slider Ass'y                       | 1                 |
| 9         | A184 3420 | Bottle Chuck                       | 1                 |
| 10        | A267 3560 | Cover - Toner Supply Unit (RIC)    | 1                 |
| 10        | A267 7480 | Toner Supply Unit Cover (OEM)      | 1                 |
| 11        | AX05 0140 | Toner Bottle Motor - DC 2.6W       | 1                 |
| 12        | A267 7440 | Bracket - Toner Supply Motor       | 1                 |
| 13        | G038 5205 | Toner Bottle Harness               | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6 |                   |
| 102       | 0452 3008B | Tapping Screw - M3x8 |                   |

9.PAPER REGISTRATION (G038)

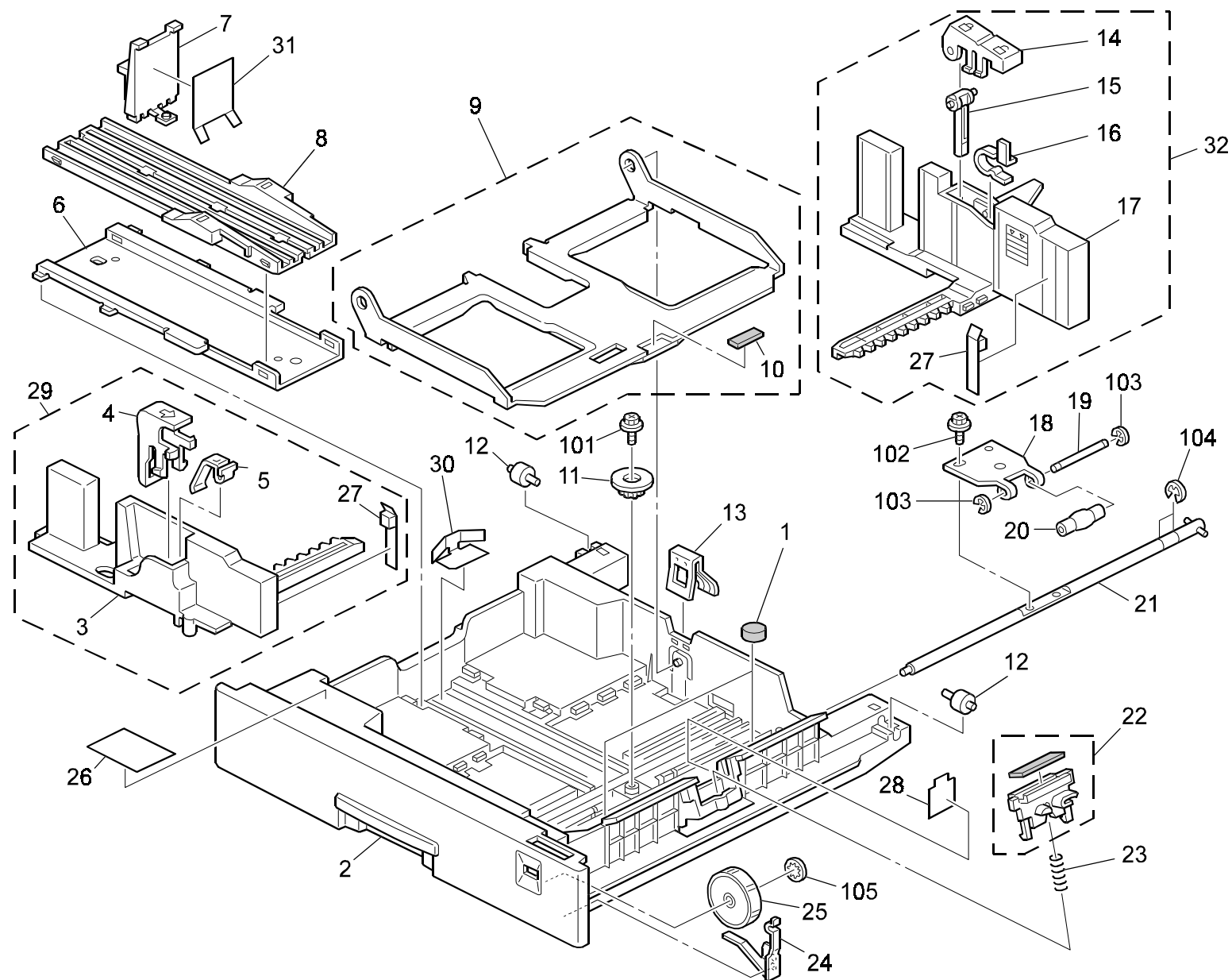


## 9.PAPER REGISTRATION (G038)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | A267 2695 | Grounding Plate - Regist Roller     | 1                 |
| 2         | A267 2722 | Sub Guide Plate - Upper Entrance    | 1                 |
| 3         | AA16 1143 | Cushion - Link                      | 2                 |
| 4         | A267 2721 | Upper Entrance Guide Plate          | 1                 |
| 5         | H521 3355 | C Ring - Paper Feed Roller          | 2                 |
| 6         | A267 2674 | Bushing - Registration Roller       | 2                 |
| 7         | H521 3356 | Bushing - Paper Feed Roller         | 2                 |
| 8         | AW01 0057 | Registration Sensor                 | 1                 |
| 9         | A267 2698 | Bracket - Registration Sensor       | 1                 |
| 10        | A267 2665 | Upper Roller Guide                  | 1                 |
| 11        | AF02 0473 | Registration Roller                 | 1                 |
| 12        | 5215 2621 | Snap Ring - M6                      | 1                 |
| 13        | A267 3452 | Quenching Lamp                      | 1                 |
| 14        | A267 2700 | Registration Roller Cleaner         | 1                 |
| 15        | A267 1051 | PCU Guide Plate                     | 1                 |
| 16        | A267 5237 | Relay Harness - Registration Sensor | 1                 |
| 17        | A267 2691 | Left Guide Plate - Regist Roller    | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6 |                   |
| 102       | 0452 3008B | Tapping Screw - M3x8 |                   |
| 103       | 1105 0283  | Clamp                |                   |
| 104       | 1105 0460  | Clamp                |                   |

## 10.PAPER TRAY 1 (G038)

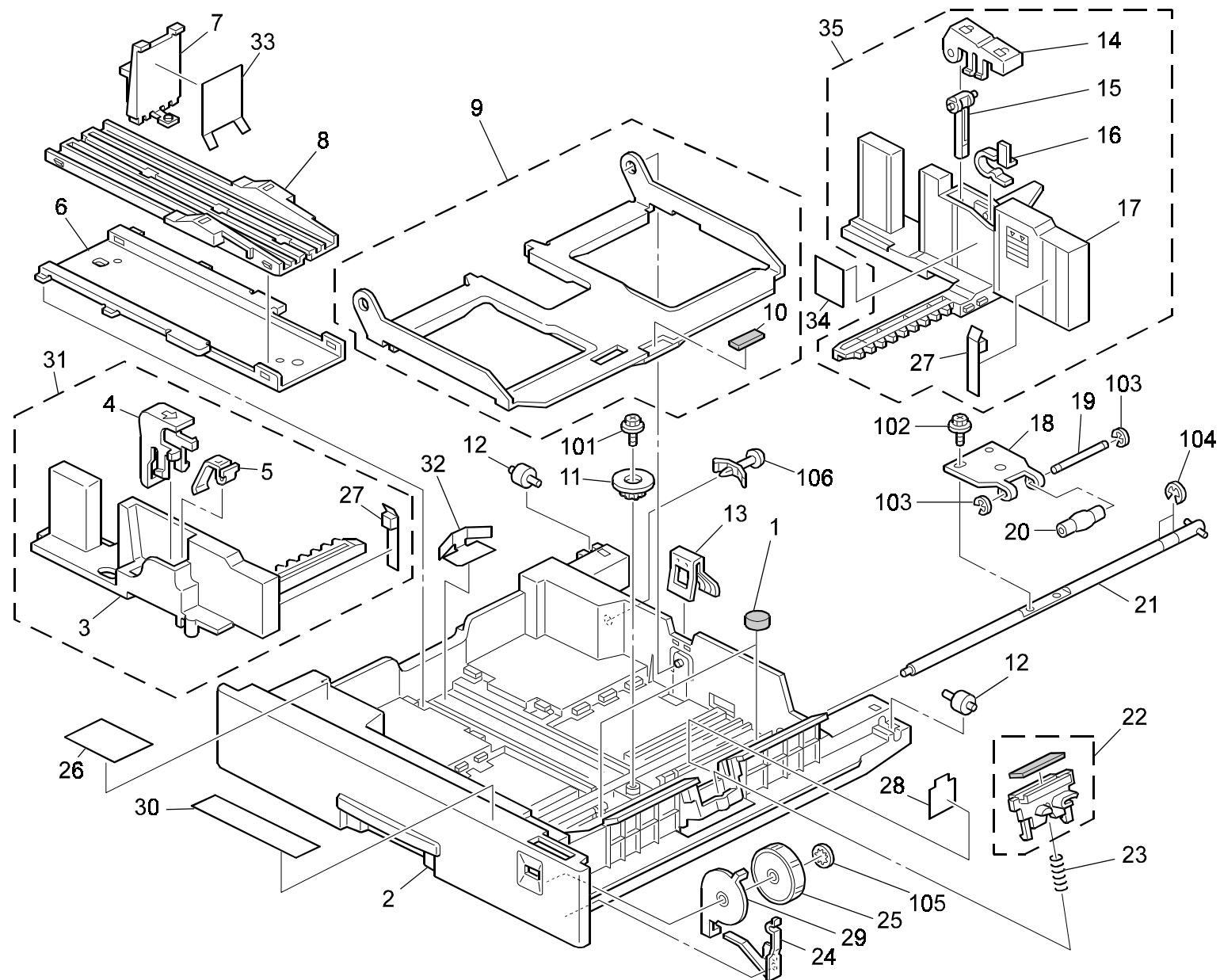


## 10.PAPER TRAY 1 (G038)

| Index No. | Part No.         | Description                    | Q'ty Per Assembly |
|-----------|------------------|--------------------------------|-------------------|
| 1         | A267 2899        | Sponge - Paper Feed Tray       | 2                 |
| 2         | A267 2850        | Paper Tray                     | 1                 |
| 3         | A267 2851        | Front Side Fence               | 1                 |
| 4         | A267 2858        | Front Stopper Lever            | 1                 |
| 5         | G697 2677        | Spring Plate - Side Fence      | 1                 |
| 6         | A267 2874        | Base Slider                    | 1                 |
| 7         | A267 2853        | End Fence                      | 1                 |
| 8         | A267 2866        | Upper Slider                   | 1                 |
| 9         | A267 2861        | Bottom Plate                   | 1                 |
| 10        | G029 2608        | Base Pad                       | 1                 |
| 11        | A267 2869        | Gear - 16Z                     | 1                 |
| 12        | A232 2987        | Roller - Paper Tray            | 2                 |
| 13        | A267 2878        | Spring Plate - Grounding       | 1                 |
| 14        | A267 2860        | Rear Lever Stopper             | 1                 |
| 15        | A267 2859        | Side Fence Stopper             | 1                 |
| 16        | A267 2857        | Spring Plate - Side Fence      | 1                 |
| 17        | A267 2852        | Rear Side Fence                | 1                 |
| 18        | A267 2856        | Bracket - Rising               | 1                 |
| 19        | A267 2865        | Shaft - Roller                 | 1                 |
| 20        | A267 2864        | Roller Bracket                 | 1                 |
| 21        | A267 2854        | Shaft - Tray Raising           | 1                 |
| 22        | <b>A267 2831</b> | <b>Friction Pad</b>            | <b>1</b>          |
| 23        | A267 2834        | Pressure Spring - Friction Pad | 1                 |
| 24        | A267 2868        | Spring Plate                   | 1                 |
| 25        | A267 7343        | Paper Size Detector - 1        | 1                 |
| 26        | A267 2892        | Decal - Paper Set Direction    | 1                 |
| 27        | A267 2897        | Shield - Side Fence            | 2                 |
| 28        | A267 2898        | Sheet - Paper Tray Holder      | 1                 |
| 29        | A267 2884        | Front Side Fence               | 1                 |
| 30        | A267 2875        | Spring Plate - Slider          | 1                 |
| 31        | A267 2900        | Seal - End Fence               | 1                 |
| 32        | A267 2885        | Rear Side Fence                | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0450 4008B | Tapping Screw - 4x8 |                   |
| 102       | 0453 4006B | Tapping Screw - 4x6 |                   |
| 103       | 0720 0030E | Retaining Ring - M3 |                   |
| 104       | 0720 0060E | Retaining Ring - M6 |                   |
| 105       | 0805 0083  | Retaining Ring - M4 |                   |

## 11.PAPER TRAY 2 (G038)

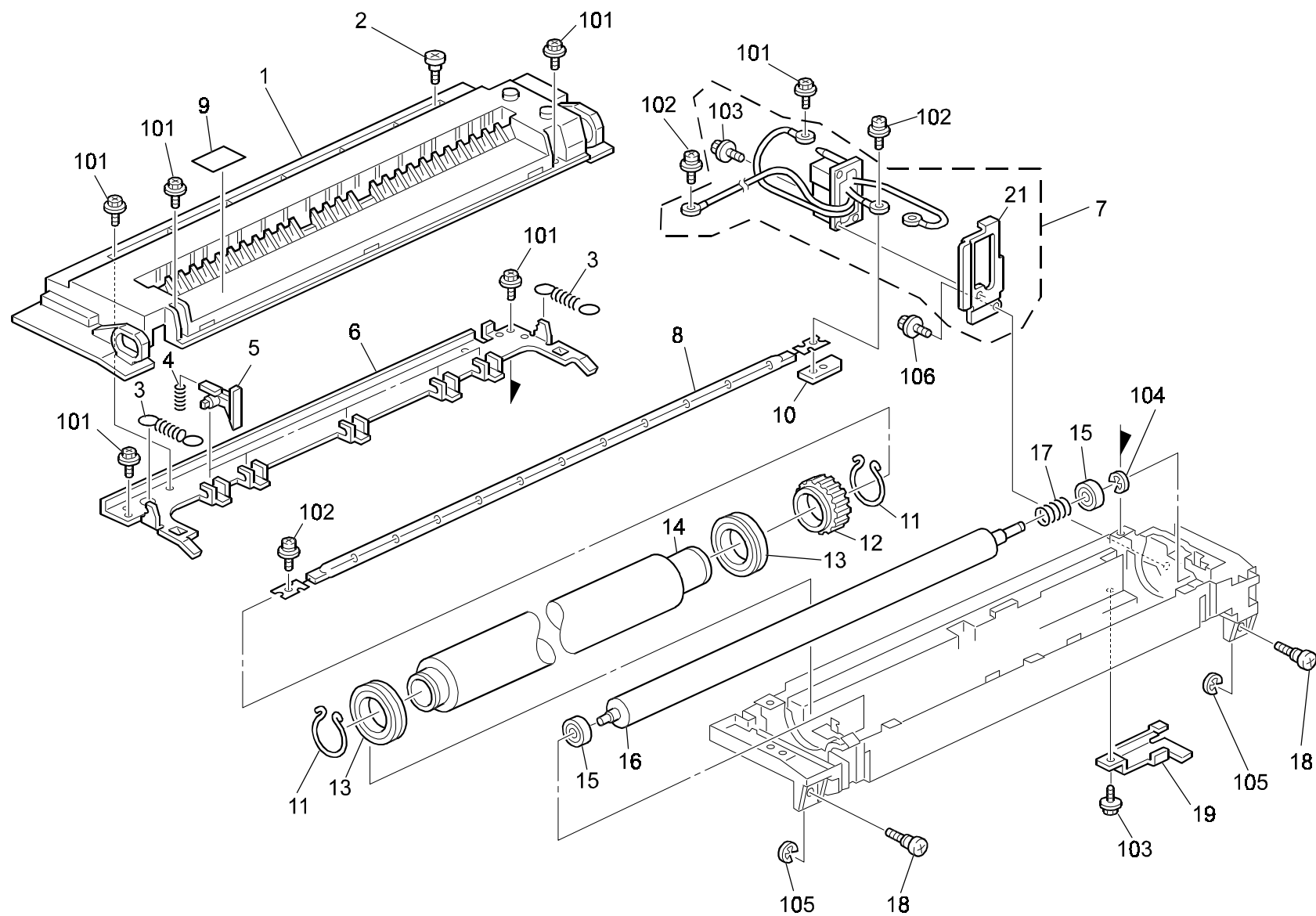


## 11.PAPER TRAY 2 (G038)

| Index No. | Part No.         | Description                    | Q'ty Per Assembly |
|-----------|------------------|--------------------------------|-------------------|
| 1         | A267 2899        | Sponge - Paper Feed Tray       | 2                 |
| 2         | A267 2850        | Paper Tray                     | 1                 |
| 3         | A267 2851        | Front Side Fence               | 1                 |
| 4         | A267 2858        | Front Stopper Lever            | 1                 |
| 5         | G697 2677        | Spring Plate - Side Fence      | 1                 |
| 6         | A267 2874        | Base Slider                    | 1                 |
| 7         | A267 2853        | End Fence                      | 1                 |
| 8         | A267 2866        | Upper Slider                   | 1                 |
| 9         | A267 2861        | Bottom Plate                   | 1                 |
| 10        | G029 2608        | Base Pad                       | 1                 |
| 11        | A267 2869        | Gear - 16Z                     | 1                 |
| 12        | A232 2987        | Roller - Paper Tray            | 2                 |
| 13        | A267 2878        | Spring Plate - Grounding       | 1                 |
| 14        | A267 2860        | Rear Lever Stopper             | 1                 |
| 15        | A267 2859        | Side Fence Stopper             | 1                 |
| 16        | A267 2857        | Spring Plate - Side Fence      | 1                 |
| 17        | A267 2852        | Rear Side Fence                | 1                 |
| 18        | A267 2856        | Bracket - Rising               | 1                 |
| 19        | A267 2865        | Shaft - Roller                 | 1                 |
| 20        | A267 2864        | Roller Bracket                 | 1                 |
| 21        | A267 2854        | Shaft - Tray Raising           | 1                 |
| 22        | <b>A267 2831</b> | <b>Friction Pad</b>            | <b>1</b>          |
| 23        | A267 2834        | Pressure Spring - Friction Pad | 1                 |
| 24        | A267 2868        | Spring Plate                   | 1                 |
| 25        | A267 7344        | Paper Size Detector - 2        | 1                 |
| 26        | A267 2892        | Decal - Paper Set Direction    | 1                 |
| 27        | A267 2897        | Shield - Side Fence            | 2                 |
| 28        | A267 2898        | Sheet - Paper Tray Holder      | 1                 |
| 29        | A267 2881        | Dial - Special Paper           | 1                 |
| 30        | A267 7351        | Decal - Special Paper          | 1                 |
| 31        | A267 2884        | Front Side Fence               | 1                 |
| 32        | A267 2875        | Spring Plate - Slider          | 1                 |
| 33        | A267 2900        | Seal - End Fence               | 1                 |
| 34        | A267 7352        | Decal - Side Fence             | 1                 |
| 35        | A267 2885        | Rear Side Fence                | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0450 4008B | Tapping Screw - 4x8 |                   |
| 102       | 0451 4006B | Tapping Screw - 4x6 |                   |
| 103       | 0720 0030E | Retaining Ring - M3 |                   |
| 104       | 0720 0060E | Retaining Ring - M6 |                   |
| 105       | 0805 0083  | Retaining Ring - M4 |                   |
| 106       | 1105 0415  | Spacer - 12.7mm     |                   |

## 12.FUSING UNIT 1 (G038)

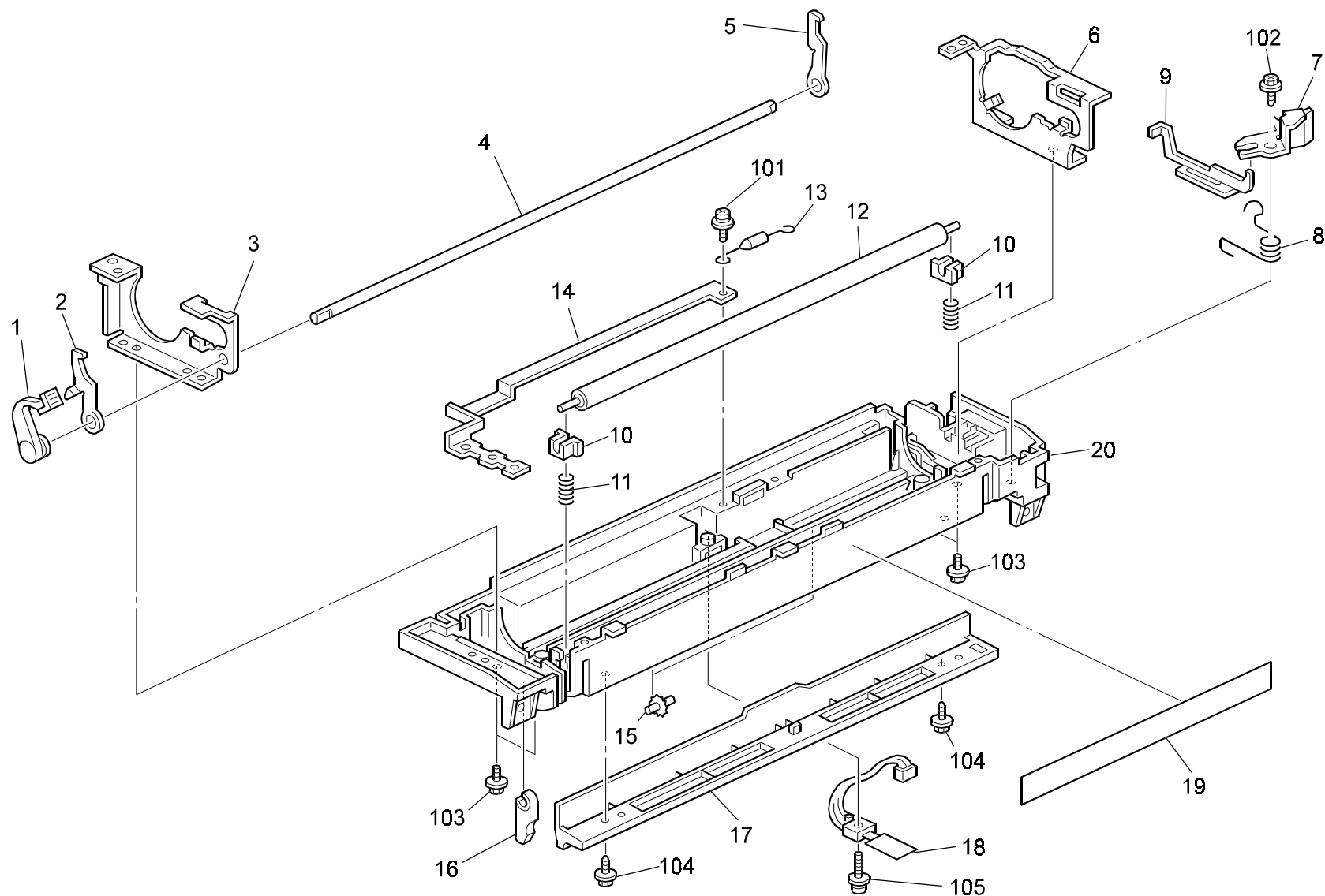


## 12.FUSING UNIT 1 (G038)

| Index No. | Part No.         | Description                       | Q'ty Per Assembly |
|-----------|------------------|-----------------------------------|-------------------|
| 1         | A267 4151        | Upper Frame - Fusing Unit         | 1                 |
| 2         | AA14 3219        | Stepped Screw                     | 1                 |
| 3         | A267 4114        | Tension Spring - Pressure Roller  | 2                 |
| 4         | A267 4103        | Spring - Fusing Stripper          | 5                 |
| 5         | <b>AE04 4025</b> | <b>Hot Roller Stripper</b>        | <b>3</b>          |
| 6         | A267 4101        | Bracket - Fushing Stripper        | 1                 |
| 7         | G038 7273        | Fusing Drawer Ass'y (120V)        | 1                 |
| 7         | G038 7523        | Fusing Drawer Ass'y (230V)        | 1                 |
| 8         | AX44 0118        | Fusing Lamp - 120V 770W           | 1                 |
| 8         | AX44 0119        | Fusing Lamp - 230V 770W           | 1                 |
| 9         | AA00 0301        | Decal - Warning (High Temperatre) | 1                 |
| 10        | A267 4092        | Terminal Plate - Fusing Lamp      | 1                 |
| 11        | A267 4056        | C Ring - Hot Roller               | 2                 |
| 12        | AB01 1400        | Gear - 48Z                        | 1                 |
| 13        | AE03 0029        | Ball Bearing - 30x42x7            | 2                 |
| 14        | <b>AE01 1048</b> | <b>Hot Roller</b>                 | <b>1</b>          |
| 15        | AE03 0030        | Ball Bearing - 8x19x6             | 2                 |
| 16        | <b>AE02 0086</b> | <b>Pressure Roller</b>            | <b>1</b>          |
| 17        | A267 4066        | Spring - Hot Roller               | 1                 |
| 18        | A267 4161        | Knob Screw                        | 2                 |
| 19        | A267 4075        | Shielding Plate - Harness         | 1                 |
| 20        | AA00 0300        | Decal - High Temperature          | 1                 |
| 21        | G038 4141        | Bracket - Fusing Connector        | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6  |                   |
| 102       | 0954 3006B | Screw - M3X6          |                   |
| 103       | 0450 3010B | Tapping Screw - M3x10 |                   |
| 104       | 0720 0060E | Retaining Ring - M6   |                   |
| 105       | 0720 0030E | Retaining Ring - M3   |                   |
| 106       | 0451 3008B | Tapping Screw - M3x8  |                   |

### 13.FUSING UNIT 2 (G038)

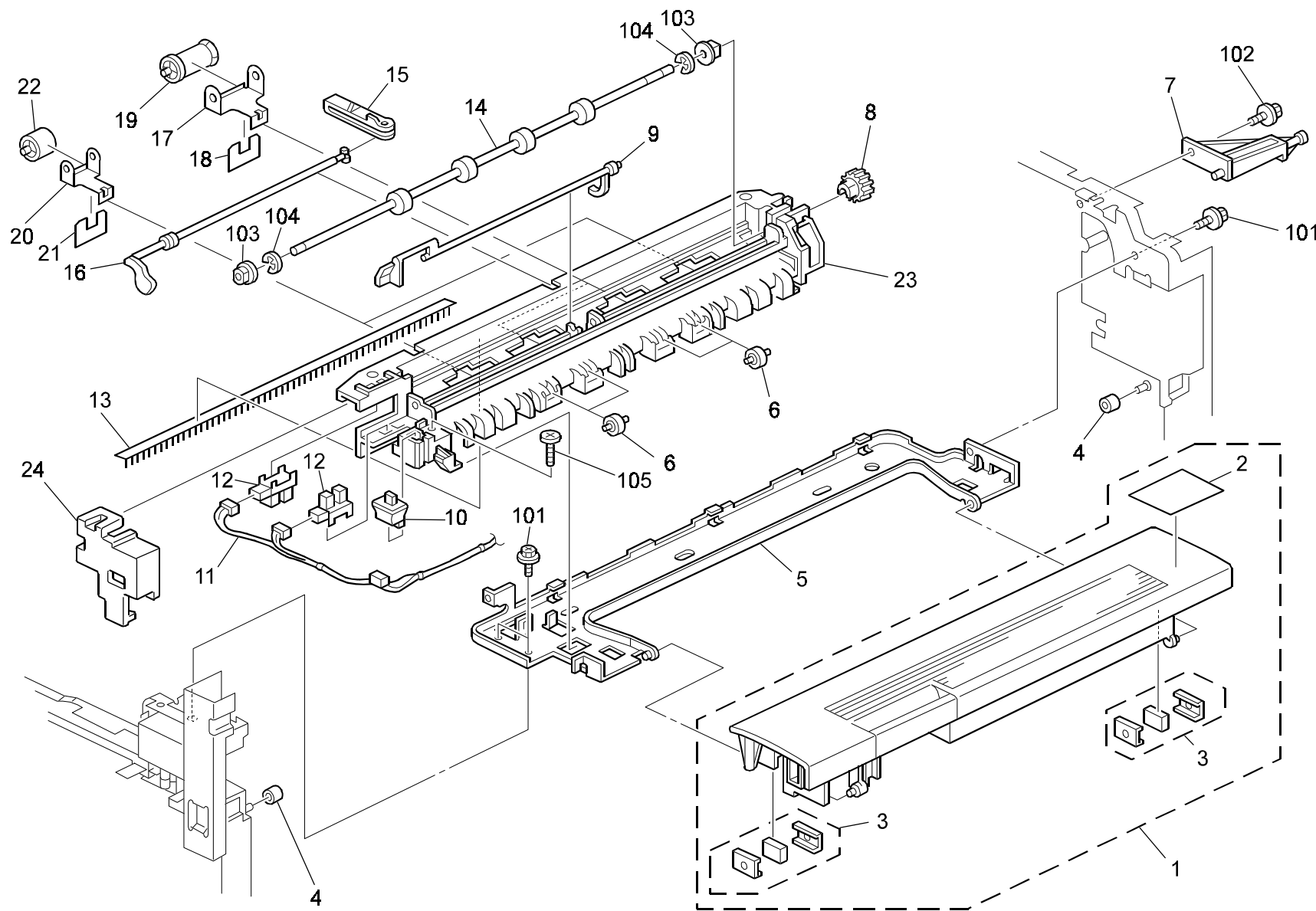


### 13.FUSING UNIT 2 (G038)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | A267 4112 | Grip - Fusing Pressure          | 1                 |
| 2         | A267 4113 | Front Lever - Pressure Roller   | 1                 |
| 3         | A267 4121 | Front Side Plate - Fusing Unit  | 1                 |
| 4         | A267 4111 | Shaft - Fusing Pressure         | 1                 |
| 5         | A267 4115 | Rear Lever - Pressure Roller    | 1                 |
| 6         | A267 4125 | Rear Side Plate - Fusing Unit   | 1                 |
| 7         | A267 4083 | Sub Pressure Lever              | 1                 |
| 8         | A267 4081 | Tension Spring - Pressure Lever | 1                 |
| 9         | A267 4082 | Pressure Lever                  | 1                 |
| 10        | AA08 2073 | Roller Busing                   | 2                 |
| 11        | AA06 3570 | Tension Spring                  | 2                 |
| 12        | AE04 2029 | Fusing Cleaning Roller          | 1                 |
| 13        | A267 4133 | Termofuse                       | 1                 |
| 14        | A267 4091 | Terminal Plate - Thermofuse     | 1                 |
| 15        | A232 2374 | Spur                            | 2                 |
| 16        | A267 4076 | Spacer - Safety Switch          | 1                 |
| 17        | A267 4085 | Fusing Entrance Guide           | 1                 |
| 18        | AW10 0050 | Thermistor                      | 1                 |
| 19        | G029 4153 | Decal - High Temperature        | 1                 |
| 20        | A267 4072 | Lower Frame - Fusing Unit       | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0954 3006B | Screw - M3X6          |                   |
| 102       | 0450 3008B | Tapping Screw - M3x8  |                   |
| 103       | 0451 3006B | Tapping Screw - M3x6  |                   |
| 104       | 0450 3010B | Tapping Screw - M3x10 |                   |
| 105       | 0954 3010B | Philips Screw - M3x10 |                   |

14.PAPER EXIT (G038)

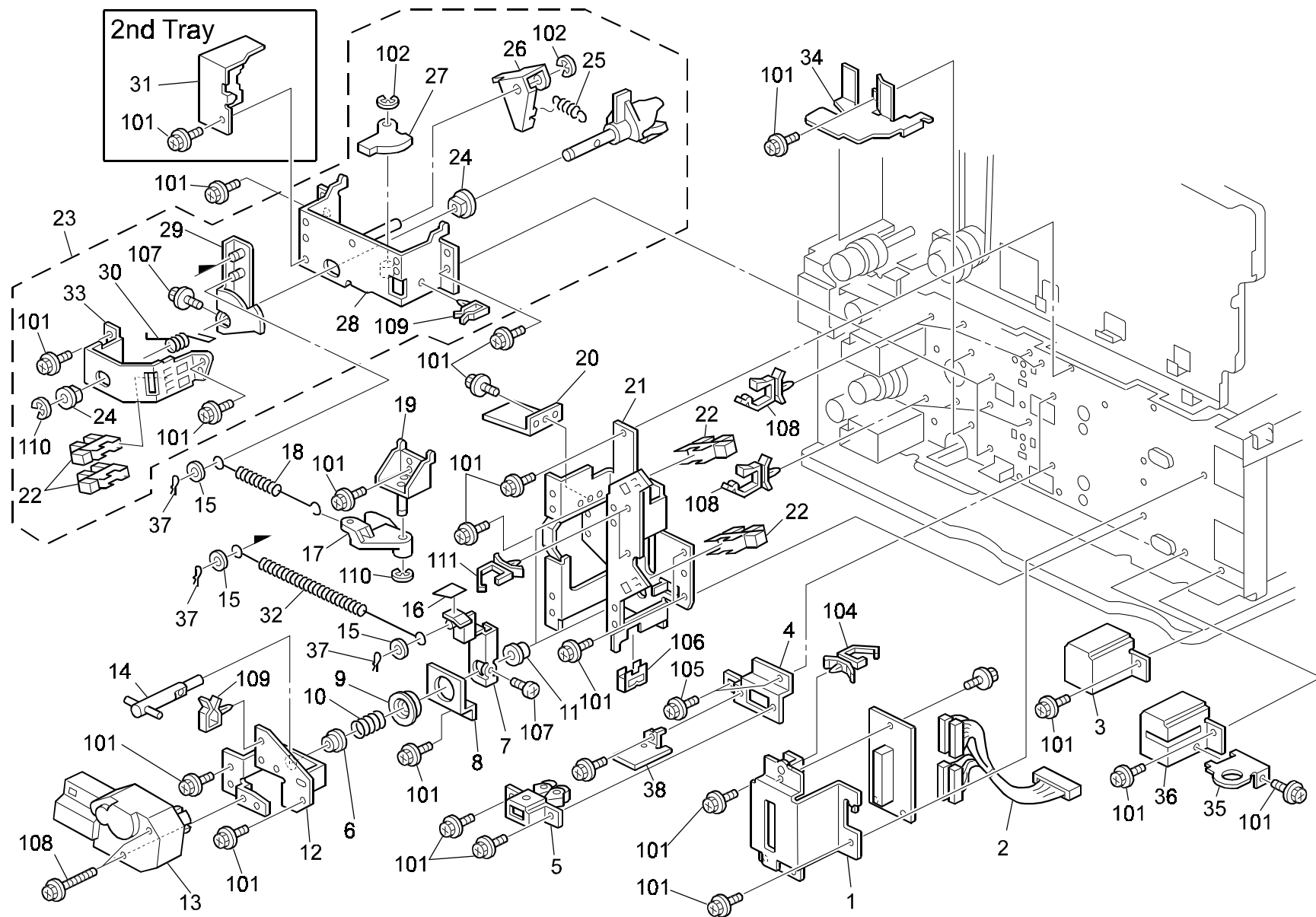


## 14.PAPER EXIT (G038)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | G038 1345 | Paper Exit Guide Cover             | 1                 |
| 2         | G038 1348 | Decal - Paper Exit                 | 1                 |
| 3         | AG07 0014 | Magnet Catch                       | 2                 |
| 4         | A267 3958 | Roller - Lever                     | 2                 |
| 5         | A267 4452 | Stay - Paper Exit                  | 1                 |
| 6         | AF02 2112 | Driven Roller                      | 4                 |
| 7         | G038 5825 | Stand                              | 1                 |
| 8         | AB01 1404 | Gear - 19Z                         | 1                 |
| 9         | A267 4476 | Feeler - Paper Feed Sensor         | 1                 |
| 10        | G020 5626 | Push Switch                        | 1                 |
| 11        | A267 5207 | Relay Harness - Paper Exit Section | 1                 |
| 12        | AW02 0086 | Photointerruptor                   | 2                 |
| 13        | AA12 0094 | Antistatic Brush                   | 1                 |
| 14        | AF02 0475 | Exit Roller                        | 1                 |
| 15        | A267 4478 | Feeler - Paper Overflow            | 1                 |
| 16        | A267 4479 | Shaft - Paper Overflow             | 1                 |
| 17        | A267 4474 | Spring Plate - Tension Roller      | 1                 |
| 18        | A267 4486 | Stopper                            | 1                 |
| 19        | AF04 0566 | Tension Roller                     | 1                 |
| 20        | A267 4483 | Spring Plate - Tension Roller      | 2                 |
| 21        | A267 4487 | Outer Stopper                      | 2                 |
| 22        | AF04 0567 | Tension Roller                     | 2                 |
| 23        | A267 4454 | Guide Plate - Paper Exit           | 1                 |

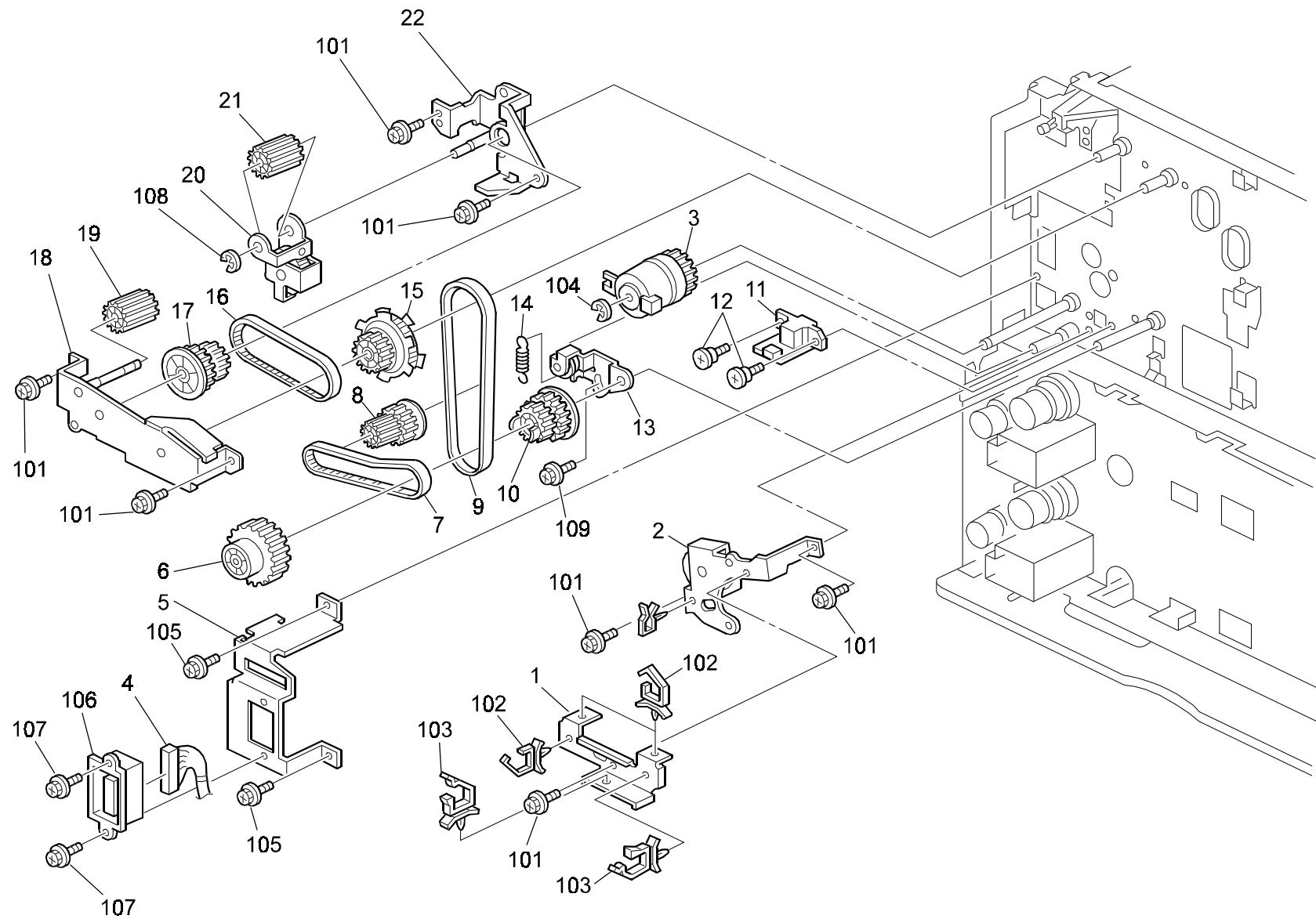
| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0802 5276  | Tapping Screw With Waser - M3x6 |                   |
| 102       | 0451 3006B | Tapping Screw - M3x6            |                   |
| 103       | 0805 3480  | Bushing - 6mm                   |                   |
| 104       | 0720 0040E | Retaining Ring - M4             |                   |
| 105       | 0802 5283  | Tapping Screw - M4x8            |                   |

## 15.DRIVE SECTION 1 (G038)





## 16.DRIVE SECTION 2 (G038)

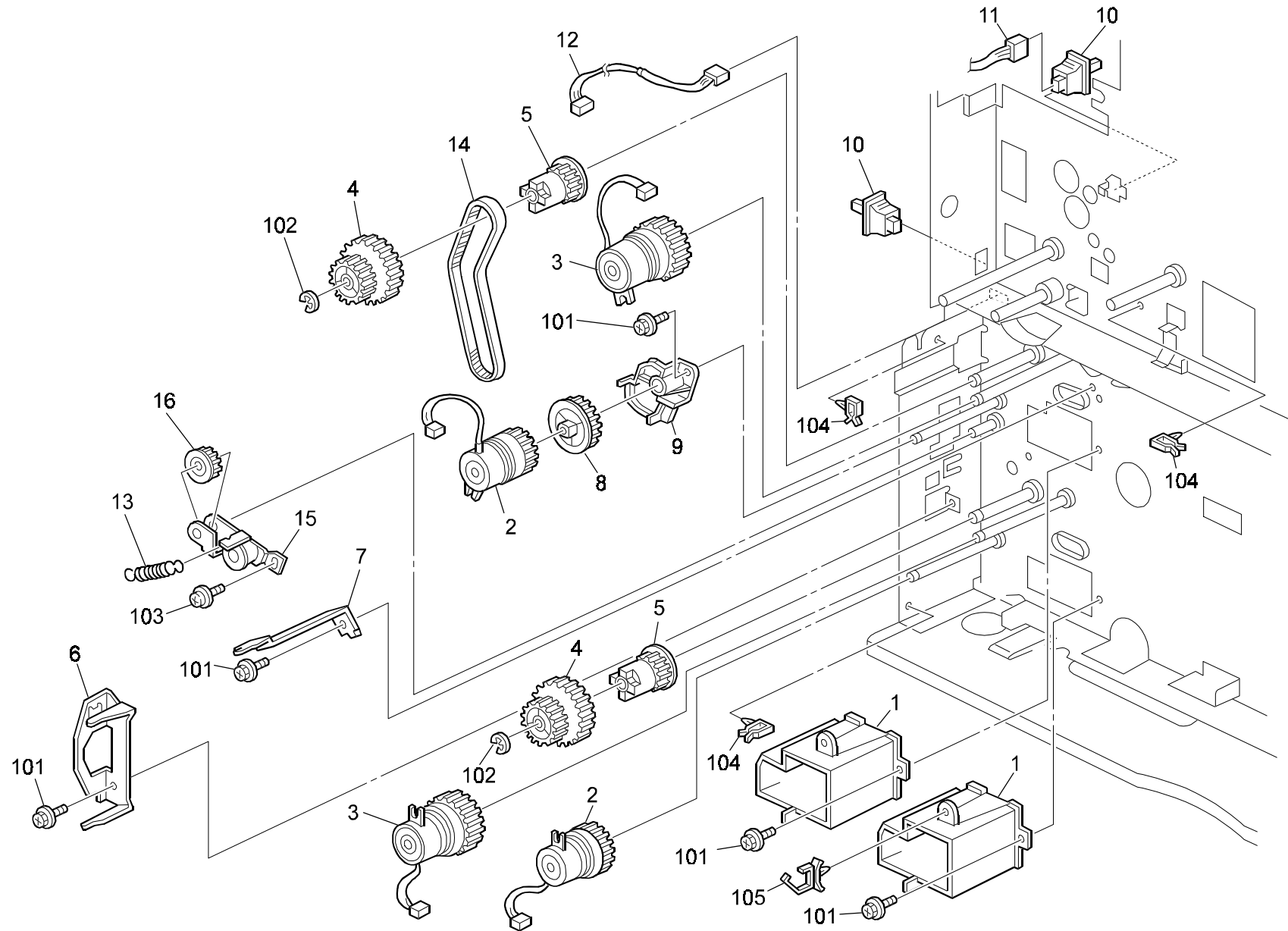


## 16.DRIVE SECTION 2 (G038)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | A267 5824 | Bracket - Harness               | 1                 |
| 2         | A267 1183 | Bracket - Paper Feed Drive      | 1                 |
| 3         | AX20 0165 | Magnetic Clutch                 | 1                 |
| 4         | G038 5236 | Manual Feed Unit Harness        | 1                 |
| 5         | A267 5826 | Connector Bracket - Bypass Feed | 1                 |
| 6         | AB01 4050 | Gear - 44Z                      | 1                 |
| 7         | AA04 3516 | Timing Belt - S3M - 342         | 1                 |
| 8         | AB01 7504 | Gear - 24Z                      | 1                 |
| 9         | AA04 3514 | Timing Belt - S3M - 420         | 1                 |
| 10        | AB03 3091 | Timing Pulley - 31T/36T         | 1                 |
| 11        | A267 5156 | PCU Detector Board              | 1                 |
| 12        | G020 5829 | Shoulder Screw - M3x2.5         | 2                 |
| 13        | A267 1115 | Tension Bracket                 | 1                 |
| 14        | AA06 0792 | Tension Spring                  | 1                 |
| 15        | AB03 3092 | Timing Pulley - 27T/48T         | 1                 |
| 16        | AA04 3515 | Timing Belt - S3M - 225         | 1                 |
| 17        | AB01 7503 | Gear - 35Z/28Z                  | 1                 |
| 18        | A267 1162 | Cover - Fusing Drive            | 1                 |
| 19        | AB01 1204 | Gear - 27Z                      | 1                 |
| 20        | A267 1170 | Drive Gear - 36Z                | 1                 |
| 21        | AB01 1203 | Gear - 30Z                      | 1                 |
| 22        | A267 1159 | Bracket - Fusing Drive          | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6             |                   |
| 102       | 1105 0460  | Clamp                            |                   |
| 103       | 1105 0488  | Harness Clamp                    |                   |
| 104       | 0720 0060E | Retaining Ring - M6              |                   |
| 105       | 0802 5276  | Tapping Screw With Waser - M3x6  |                   |
| 106       | 1102 7672  | Connector - 54111-1615           |                   |
| 107       | 0451 3008H | Tapping Screw - 3x8              |                   |
| 108       | 0720 0040E | Retaining Ring - M4              |                   |
| 109       | 0802 5279  | Tapping Screw With Washer - M3x8 |                   |

## 17.DRIVE SECTION 3 (G038)



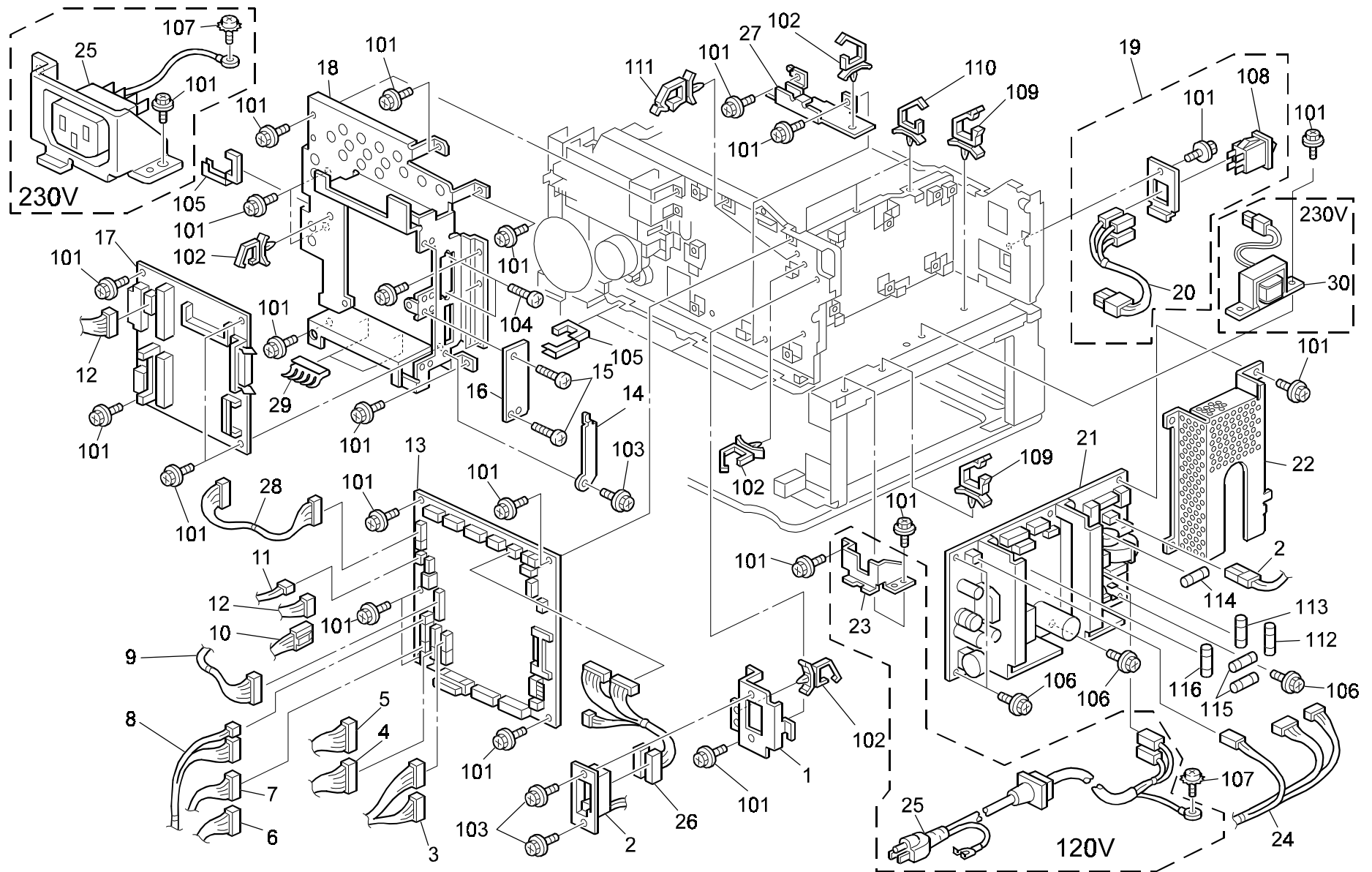
## 17.DRIVE SECTION 3 (G038)



| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | A267 2596 | Right Drive Guard                  | 2                 |
| 2         | AX20 0167 | Magnetic Clutch                    | 2                 |
| 3         | AX20 0166 | Magnetic Clutch                    | 2                 |
| 4         | AB01 1199 | Gear - 31Z/54Z                     | 2                 |
| 5         | AB03 0626 | Timing Pulley - 20T                | 2                 |
| 6         | A267 2605 | Support Bracket - Transport Clutch | 1                 |
| 7         | A267 2604 | Stopper - Feed Clutch              | 1                 |
| 8         | AB01 1200 | Gear - 38Z                         | 1                 |
| 9         | A267 2601 | Positioning Guide - Bypass Feed    | 1                 |
| 10        | G020 5626 | Push Switch                        | 2                 |
| 11        | G038 5203 | Sensor Harness - New Article       | 1                 |
| 12        | A267 5236 | Relay Harness - ID Sensor          | 1                 |
| 13        | AA06 0792 | Tension Spring                     | 1                 |
| 14        | AA04 3517 | Timing Belt - S3M - 315            | 1                 |
| 15        | A267 2602 | Tensioner                          | 1                 |
| 16        | AB03 0627 | Timing Pulley - 18T                | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6             |                   |
| 102       | 0720 0060E | Retaining Ring - M6              |                   |
| 103       | 0802 5279  | Tapping Screw With Washer - M3x8 |                   |
| 104       | 1105 0283  | Clamp                            |                   |
| 105       | 1105 0460  | Clamp                            |                   |

## 18.ELECTRICAL SECTION 1 (G038)

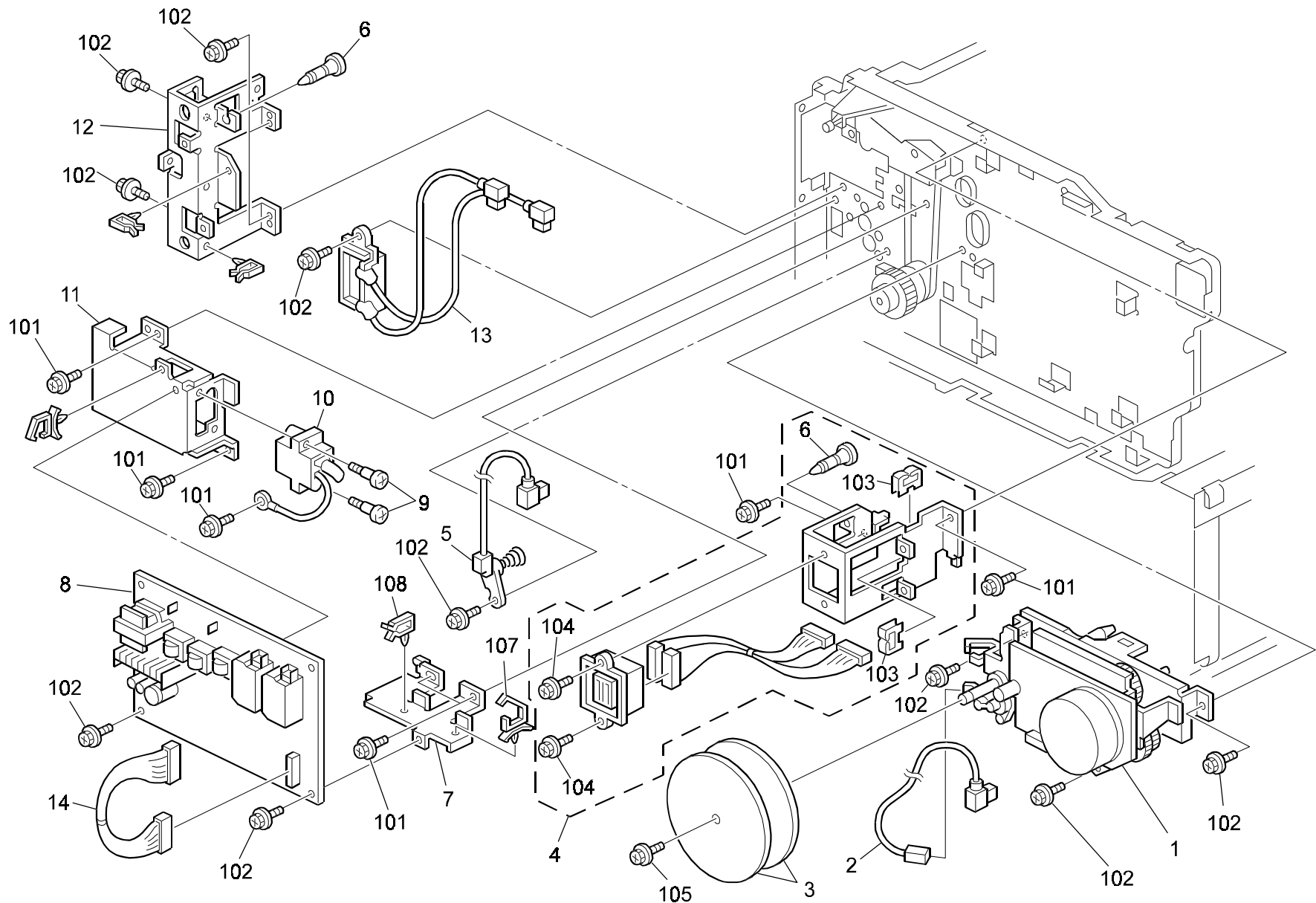


## 18.ELECTRICAL SECTION 1 (G038)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | G038 5823 | Connector Bracket - Joint Unit   | 1                 |
| 2         | G038 7561 | PSU Joint Harness                | 1                 |
| 3         | G038 5213 | Paper Feed Harness - 2           | 1                 |
| 4         | G038 5211 | Paper Size Sensor Harness        | 1                 |
| 5         | G038 5216 | Process Control Harness          | 1                 |
| 6         | G038 5215 | Paper Feed Harness - Motor       | 1                 |
| 7         | G038 5212 | Paper Feed Harness - 1           | 1                 |
| 8         | G038 5201 | Motor Harness                    | 1                 |
| 9         | G038 5241 | LDD Harness                      | 1                 |
| 10        | G038 5209 | Safety Switch Harness            | 1                 |
| 11        | G038 5205 | Toner Bottle Harness             | 1                 |
| 12        | G038 5243 | Mirror Motor Harness - Polygon   | 1                 |
| 13        | G038 7611 | PCB - Engine Board - USA         | 1                 |
| 13        | G038 7631 | PCB - Engine Board - EUR         | 1                 |
| 14        | G038 5826 | Cover - IC Card                  | 1                 |
| 15        | G020 1391 | Screw - M3x4.5                   | 2                 |
| 16        | G038 5813 | Connector Cover - Control Board  | 1                 |
| 17        | G038 5364 | Printer Controller Board         | 1                 |
| 18        | G038 5811 | Shield Plate - Controller Board  | 1                 |
| 19        | A267 5822 | Main Switch Ass'y                | 1                 |
| 20        | A267 5229 | Harness - AC Switch              | 1                 |
| 21        | A250 5720 | Power Supply Unit (120V)         | 1                 |
| 21        | A250 5722 | Power Supply Unit (230V)         | 1                 |
| 22        | G038 7562 | PSU Guide Bracket                | 1                 |
| 23        | G038 5817 | Power Supply Cord Bracket (120V) | 1                 |
| 24        | G038 5225 | Power Supply Unit Harness (120V) | 1                 |
| 24        | G038 7582 | PSU Harness - EUR                | 1                 |
| 25        | G038 7557 | Power Cord Stopper - 115V        | 1                 |
| 25        | G038 7580 | Bracket - Power Inlet (230V)     | 1                 |
| 26        | G038 5233 | Joint Unit Harness               | 1                 |
| 27        | G038 5815 | Harness Bracket                  | 1                 |
| 28        | G038 5223 | P.P/R-P Harness                  | 1                 |
| 29        | G038 5827 | Spring Plate                     | 2                 |
| 30        | N607 4525 | Coil - RITL-9704                 | 1                 |

| Index No. | Part No.   | Description                   | Q'ty Per Assembly |
|-----------|------------|-------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6          |                   |
| 102       | 1105 0460  | Clamp                         |                   |
| 103       | 0451 3008H | Tapping Screw - 3x8           |                   |
| 104       | 0353 0100Z | Bind Screw - M3x10            |                   |
| 105       | 1105 0334  | Edge - 17                     |                   |
| 106       | 0804 6075  | Hexagonal Bolt - M3x8         |                   |
| 107       | 0801 0149  | Philips Pan Head Screw - M4x6 |                   |
| 108       | 1204 2477  | Locker Switch - AC250V 10A    |                   |
| 109       | 1105 0292  | Wire Saddle                   |                   |
| 110       | 1105 0487  | Harness Clamp                 |                   |
| 111       | 1105 0291  | Harness Clamp - LWS-3S        |                   |
| 112       | 1107 0629  | Fuse - 15A 125V (120V)        |                   |
| 113       | 1107 0393  | Fuse - 8A 125V (120V)         |                   |
| 113       | 1107 0750  | Fuse - 3.15A 250V (230V)      |                   |
| 114       | 1107 0354  | Fuse - 3.15A 125V (120V)      |                   |
| 114       | 1107 0750  | Fuse - 3.15A 250V (230V)      |                   |
| 115       | 1107 0390  | Fuse - 4A 125V (120V)         |                   |
| 115       | 1107 0751  | Fuse - 4A 250V (230V)         |                   |
| 116       | 1107 0388  | Fuse - 2A 125V (120V)         |                   |
| 116       | 1107 0748  | Fuse - 2A, 250V (230V)        |                   |

19.ELECTRICAL SECTION 2 (G038)

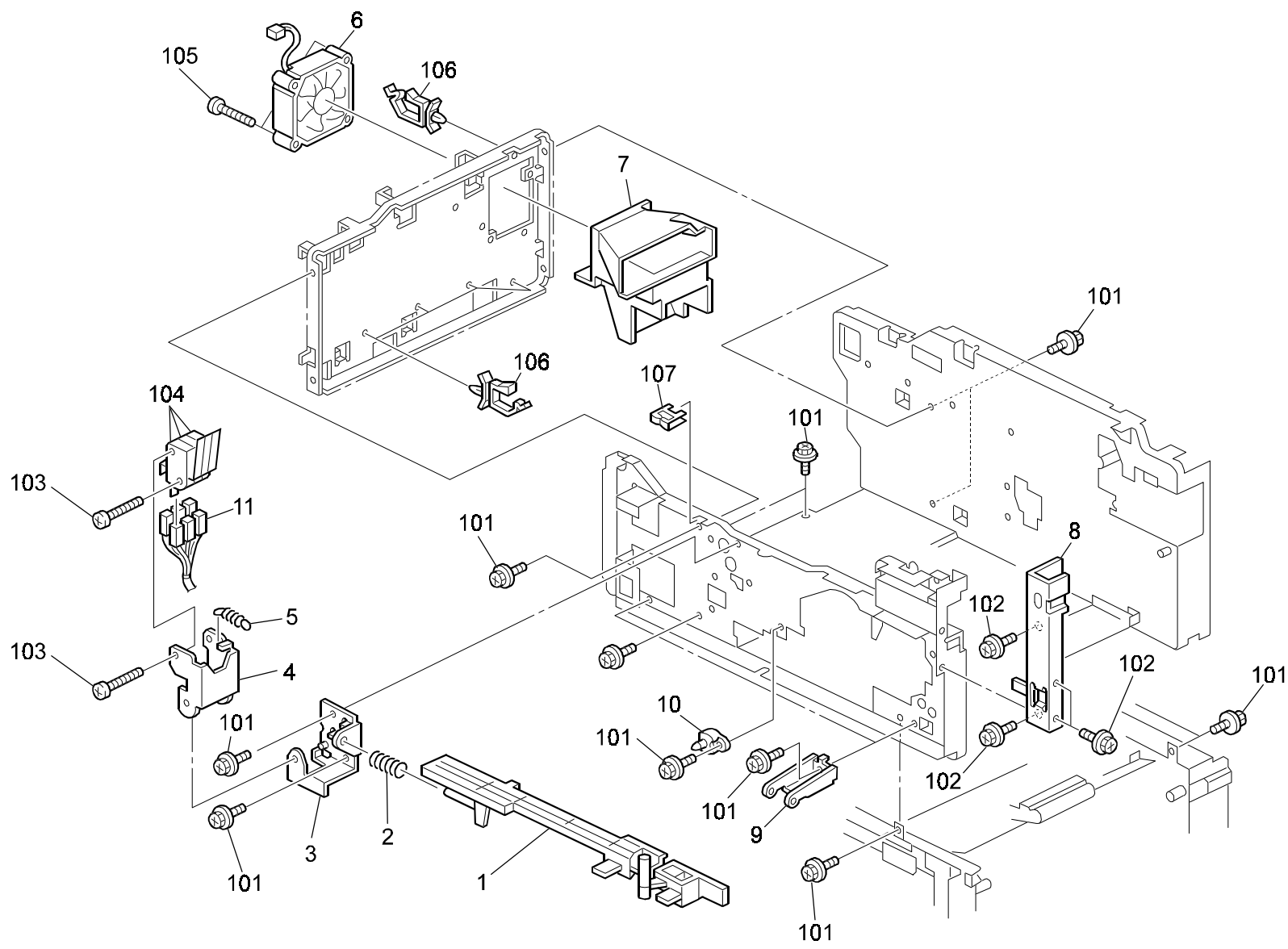


## 19.ELECTRICAL SECTION 2 (G038)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | AX06 0199 | Main Motor - DC 28W                | 1                 |
| 2         | G038 5224 | High Voltage Harness - B           | 1                 |
| 3         | A267 1184 | Fly Wheel                          | 2                 |
| 4         | G038 5816 | Gate Pawl Bracket                  | 1                 |
| 5         | A267 3461 | Receptacle - Change Roller         | 1                 |
| 6         | G020 5871 | Spacer - KGLS-12RF                 | 2                 |
| 7         | G038 5819 | Power Pack Bracket                 | 1                 |
| 8         | A267 5730 | Power Pack - BCTD                  | 1                 |
| 9         | AA14 3301 | Stepped Screw - M3x4               | 2                 |
| 10        | G038 7556 | Fusing Harness -115V               | 1                 |
| 10        | G038 7586 | Fusing Harness - EUR               | 1                 |
| 11        | G038 1076 | Rear Guide Plate - Fusing Unit     | 1                 |
| 12        | G038 1079 | Right Rear Frame                   | 1                 |
| 13        | A267 3950 | Receptacle - Transfer/Sprtion Unit | 1                 |
| 14        | G038 5223 | P.P/R-P Harness                    | 1                 |

| Index No. | Part No.   | Description                           | Q'ty Per Assembly |
|-----------|------------|---------------------------------------|-------------------|
| 101       | 0451 3006B | Tapping Screw - M3x6                  |                   |
| 102       | 0802 5276  | Tapping Screw With Waser - M3x6       |                   |
| 103       | 1105 0329  | Clamp - ES-0510                       |                   |
| 104       | 0451 3008H | Tapping Screw - 3x8                   |                   |
| 105       | 0951 3008B | Philips Screw With Flat Washer - M3x8 |                   |

20.FRAME SECTION (G038)



## 20.FRAME SECTION (G038)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | A267 5815 | Lever - Door Switch              | 1                 |
| 2         | A267 5820 | Compression Spring               | 1                 |
| 3         | A267 5812 | Bracket - Door Switch            | 1                 |
| 4         | A267 5813 | Bracket - Micro Switch           | 1                 |
| 5         | A267 5821 | Tension Spring - Door Switch     | 1                 |
| 6         | A267 1105 | Exhaust Fan Motor - DC 2.88W     | 1                 |
| 7         | A267 1102 | Duct - Fam Motor                 | 1                 |
| 8         | G038 1078 | Right Front Frame                | 1                 |
| 9         | A267 1088 | Hinge - Front Cover              | 2                 |
| 10        | A267 1930 | Positioning Bracket - Laser Unit | 1                 |
| 11        | G038 5209 | Safety Switch Harness            | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 102       | 0802 5276  | Tapping Screw With Waser - M3x6 |                   |
| 103       | 0313 0350B | Philips Pan Head Screw - M3x35  |                   |
| 104       | 1204 2510  | Micro Switch                    |                   |
| 105       | 0314 0300B | Philips Pan Head Screw - M4x30  |                   |
| 106       | 1105 0487  | Harness Clamp                   |                   |
| 107       | 1105 0334  | Edge - 17                       |                   |

## 21.PRINTER CONTROL BOARD (G038)

### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 1        | 134       | C 11       | --        | C 21       | 166       | C 31       | --        | C 41       | 169       | C 51       | 169       |
| C 2        | 134       | C 12       | --        | C 22       | 166       | C 32       | 160       | C 42       | 169       | C 52       | 163       |
| C 3        | 160       | C 13       | 163       | C 23       | 166       | C 33       | 160       | C 43       | --        | C 53       | 136       |
| C 4        | 169       | C 14       | 133       | C 24       | 166       | C 34       | --        | C 44       | 169       | C 54       | 166       |
| C 5        | 169       | C 15       | 166       | C 25       | --        | C 35       | 169       | C 45       | 169       | C 55       | 166       |
| C 6        | 159       | C 16       | 166       | C 26       | 135       | C 36       | 169       | C 46       | 169       | C 56       | 169       |
| C 7        | 159       | C 17       | 166       | C 27       | 161       | C 37       | --        | C 47       | --        | C 57       | 169       |
| C 8        | 159       | C 18       | 166       | C 28       | 161       | C 38       | --        | C 48       | 169       | C 58       | 163       |
| C 9        | --        | C 19       | 160       | C 29       | 161       | C 39       | --        | C 49       | 169       | C 59       | 169       |
| C 10       | --        | C 20       | 169       | C 30       | --        | C 40       | 169       | C 50       | 169       | C 60       | 165       |
|            |           |            |           |            |           |            |           |            |           | C 61       | 165       |
|            |           |            |           |            |           |            |           |            |           | C 62       | 166       |
|            |           |            |           |            |           |            |           |            |           | C 63       | 169       |
|            |           |            |           |            |           |            |           |            |           | C 64       | 166       |
|            |           |            |           |            |           |            |           |            |           | C 65       | 169       |
|            |           |            |           |            |           |            |           |            |           | C 66       | 169       |
|            |           |            |           |            |           |            |           |            |           | C 67       | 169       |
|            |           |            |           |            |           |            |           |            |           | C 68       | 161       |
|            |           |            |           |            |           |            |           |            |           | C 69       | 169       |
|            |           |            |           |            |           |            |           |            |           | C 70       | 169       |

### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 71       | 166       | C 81       | 164       | C 91       | 166       | C 101      | 163       | C 111      | 163       | CN 501     | 107       |
| C 72       | 169       | C 82       | 163       | C 92       | --        | C 102      | 162       | C 112      | 172       | CN 502     | 104       |
| C 73       | 161       | C 83       | 118       | C 93       | --        | C 103      | 162       | C 113      | 163       | CN 503     | --        |
| C 74       | 161       | C 84       | 169       | C 94       | 169       | C 104      | 167       | C 114      | 172       | CN 504     | 105       |
| C 75       | 161       | C 85       | 118       | C 95       | 169       | C 105      | 172       | C 115      | 167       | ---        | --        |
| C 76       | 169       | C 86       | 169       | C 96       | --        | C 106      | 163       | C 116      | --        | CN 506     | 103       |
| C 77       | 163       | C 87       | 118       | C 97       | --        | C 107      | 172       | C 117      | 163       | CN 507     | 103       |
| C 78       | 169       | C 88       | 118       | C 98       | 166       | C 108      | 172       | C 118      | 166       | CN 508     | --        |
| C 79       | 169       | C 89       | 169       | C 99       | 118       | C 109      | 167       |            |           | CN 509     | 102       |
| C 80       | 118       | C 90       | 166       | C 100      | 137       | C 110      | 167       |            |           | CN 510     | 101       |
|            |           |            |           |            |           |            |           |            |           | CN 511     | 106       |
|            |           |            |           |            |           |            |           |            |           | CN 512     | --        |

### CONNECTOR

## 21.PRINTER CONTROL BOARD (G038)

### FILTER

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL 1      | 138       |
| FIL 2      | 138       |
| FIL 3      | 138       |
| FIL 4      | 138       |
| FIL 5      | 138       |
| FIL 6      | 138       |
| FIL 7      | 138       |
| FIL 8      | 138       |
| FIL 9      | 140       |
| FIL 10     | 158       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL 103    | 158       |
| FIL 105    | 158       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 1       | 170       |
| IC 2       | --        |
| IC 3       | --        |
| IC 4       | 170       |
| ---        | --        |
| IC 6       | 1         |
| IC 7       | 121       |
| IC 8       | 117       |
| IC 9       | 112       |
| IC 10      | 118       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 11      | --        |
| IC 12      | --        |
| IC 13      | 113       |
| IC 14      | 115       |
| IC 15      | 119       |
| IC 16      | 113       |
| IC 17      | --        |
| IC 18      | 119       |
| IC 19      | 116       |
| IC 20      | 116       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 21      | --        |
| IC 22      | --        |
| ---        | --        |
| IC 24      | 2         |
| IC 25      | 114       |
| IC 26      | 111       |
| (Socket)   | 108       |
| IC 27      | --        |
| IC 28      | 120       |
| IC 29      | 122       |
| IC 30      | --        |

### JP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP 2       | 158       |
| JP 18      | 158       |
| JP 24      | 158       |
| JP 27      | 158       |
| JP 31      | 158       |
| JP 33      | 158       |
| JP 50      | 158       |

### LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LDE 1      | 110       |
| LDE 2      | 110       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC 1      | 124       |
| OSC 2      | --        |

### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG 5      | 123       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 1        | 142       |
| R 2        | 143       |
| R 3        | 151       |
| R 4        | 151       |
| R 5        | 151       |
| R 6        | 150       |
| R 7        | 150       |
| R 8        | 150       |
| R 9        | 150       |
| R 10       | 150       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 11       | 150       |
| R 12       | 150       |
| R 13       | 150       |
| R 14       | 142       |
| R 15       | 151       |
| R 16       | 145       |
| R 17       | 142       |
| R 18       | --        |
| R 19       | --        |
| R 20       | --        |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 21       | --        |
| R 22       | 150       |
| R 23       | 142       |
| R 24       | 150       |
| R 25       | 151       |
| R 26       | 150       |
| R 27       | 142       |
| R 28       | 142       |
| R 29       | 145       |
| R 30       | 155       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 31       | 142       |
| R 32       | 157       |
| R 33       | 145       |
| R 34       | 152       |
| R 35       | 150       |
| R 36       | 150       |
| R 37       | 141       |
| R 38       | 153       |
| R 39       | 147       |
| R 40       | 144       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 41       | 153       |
| R 42       | 142       |
| R 43       | 171       |
| R 44       | 151       |
| R 45       | --        |
| R 46       | 150       |
| R 47       | 150       |
| R 48       | 150       |
| R 49       | 150       |
| R 50       | 150       |

## 21.PRINTER CONTROL BOARD (G038)

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 51       | 150       | R 61       | 150       | R 71       | 156       | R 81       | --        | R 91       | 139       | R 101      | 150       |
| R 52       | 150       | R 62       | 150       | R 72       | 156       | R 82       | 139       | R 92       | 139       | R 102      | 147       |
| R 53       | 150       | R 63       | 150       | R 73       | 145       | R 83       | 139       | R 93       | 139       | ---        | --        |
| R 54       | 150       | R 64       | 150       | R 74       | 155       | R 84       | 139       | R 94       | --        | R 104      | --        |
| R 55       | 148       | R 65       | 151       | R 75       | 155       | R 85       | 139       | R 95       | --        | ---        | --        |
| R 56       | 154       | R 66       | 151       | R 76       | 145       | R 86       | 139       | R 96       | --        | R 106      | --        |
| R 57       | 154       | R 67       | 151       | R 77       | 149       | R 87       | 139       | R 97       | 139       | R 107      | 150       |
| R 58       | 154       | R 68       | 151       | R 78       | --        | R 88       | 139       | R 98       | 150       | R 108      | 150       |
| R 59       | --        | R 69       | 151       | R 79       | --        | R 89       | 139       | R 99       | 150       | R 109      | 150       |
| R 60       | 146       | R 70       | 151       | R 80       | --        | R 90       | 139       | R 100      | 150       | R 110      | 150       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 111      | --        |
| R 112      | 150       |
| R 113      | 150       |
| R 114      | 150       |
| R 115      | 141       |

### RN

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| RN 1       | 125       | RN 11      | --        | RN 21      | 130       | RN 31      | 132       |
| RN 2       | 131       | RN 12      | --        | RN 22      | 130       | RN 32      | 127       |
| RN 3       | 128       | RN 13      | 126       | RN 23      | 128       | RN 33      | 127       |
| RN 4       | 128       | RN 14      | 129       | RN 24      | 128       | RN 34      | 127       |
| RN 5       | 128       | RN 15      | 130       | RN 25      | 128       | RN 35      | 127       |
| RN 6       | 130       | RN 16      | 130       | RN 26      | --        | RN 36      | 127       |
| RN 7       | 128       | RN 17      | 130       | RN 27      | 128       | RN 37      | 127       |
| RN 8       | 131       | RN 18      | 130       | RN 28      | 128       | RN 38      | 127       |
| RN 9       | 125       | RN 19      | 130       | RN 29      | 132       | RN 39      | 127       |
| RN 10      | 125       | RN 20      | 130       | RN 30      | 132       | RN 40      | 128       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 41      | 128       |
| RN 42      | 128       |
| RN 43      | 128       |
| RN 44      | 128       |
| RN 45      | 128       |
| RN 46      | 128       |
| RN 47      | 128       |
| RN 48      | 128       |

### SW

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| SW 1       | 109       |
| SW 2       | --        |

## 21.PRINTER CONTROL BOARD (G038)

| Index No. | Part No.  | Description              | Q'ty Per Assembly |
|-----------|-----------|--------------------------|-------------------|
| *         | G038 5364 | Printer Controller Board | 1                 |
| 1         | G038 5300 | IC - ASIC Rocky-R        | 1                 |
| 2         | G038 5352 | IC - FONT 8MBIT          | 1                 |

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 101       | 1102 5409 | Connector - 20P                          |                   |
| 102       | 1102 6019 | Connector - FCN685J036-I/YA              |                   |
| 103       | 1102 7358 | Connector - 80P                          |                   |
| 104       | 1102 7585 | DIMM Connector - 93764-51872             |                   |
| 105       | 1102 8090 | Connector - TX25-30P-12ST-N1             |                   |
| 106       | 1102 8153 | IC Card Connector - FCN-568P068-G/05A-V4 |                   |
| 107       | 1102 8189 | DIMM Connector - 54534-1440              |                   |
| 108       | 1104 0588 | Dip Socket - 28p                         |                   |
| 109       | 1204 2368 | Dip Switch - DSS804                      |                   |
| 110       | 1403 0953 | LED SML-310MT                            |                   |
| 111       | 1407 4730 | SRAM STK12C68-W45                        |                   |
| 112       | 1407 4786 | CMOS IC - TC74ACT273F                    |                   |
| 113       | 1407 4876 | CMOS IC - 74VHC244 TSSOP                 |                   |
| 114       | 1407 4919 | CMOS IC - 74VHCT244 TSSOP                |                   |
| 115       | 1407 5040 | IC - SN74LVC161284DL                     |                   |
| 116       | 1407 5087 | CMOS IC - SN74LVCH16245ADGG              |                   |
| 117       | 1407 5104 | IC - UPD30210GD-167-MBB                  |                   |
| 118       | 1407 5122 | CMOS IC - TC74ACT374FT                   |                   |
| 119       | 1407 5125 | Flash Memory - MBM29P1160TD-75pFTN       |                   |
| 120       | 1407 5164 | IC - W166G                               |                   |
| 121       | 1407 5174 | CMOS IC - SN74LVC04APW                   |                   |
| 122       | 1408 0611 | IC - 3771                                |                   |
| 123       | 1408 1454 | IC - LM1085IS-3.3                        |                   |
| 124       | 1503 0913 | Crystal Oscillator - 63.90959mhz         |                   |
| 125       | 1601 7752 | Resistor Array - 10K $\Omega$ $\pm$ 5%   |                   |
| 126       | 1601 7753 | Resistor - 47 $\Omega$ $\pm$ 5%          |                   |
| 127       | 1601 7760 | Resistor Array                           |                   |
| 128       | 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W    |                   |
| 129       | 1601 7869 | Resistor - 1.2K $\Omega$ $\pm$ 5% 1/16W  |                   |
| 130       | 1601 7871 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W    |                   |
| 131       | 1601 7892 | Resistor - 120 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 132       | 1601 7895 | Resistor - 180 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 133       | 1604 4333 | Capacitor - 100 $\mu$ F $\pm$ 20% 10V    |                   |
| 134       | 1604 4428 | Capacitor 100 $\mu$ F20% 16V             |                   |
| 135       | 1604 4692 | Capacitor - 220mF $\pm$ 20% 16V          |                   |

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 136       | 1605 0912 | Capacitor - 0.082μF±10% 25V         |                   |
| 137       | 1605 0989 | Capacitor - 0.22mF +80 -20% 16V     |                   |
| 138       | 1607 0978 | Inductor - BLM21P300SPB             |                   |
| 139       | 1607 1124 | Filter - BLM11A471SGPB              |                   |
| 140       | 1607 1161 | Filter - NFM39R12C223               |                   |
| 141       | 1630 4100 | Resistor - 10 Ω ±5% 1/16W           |                   |
| 142       | 1630 4103 | Resistor - 10KΩ ±5% 1/16W           |                   |
| 143       | 1630 4104 | Resistor - 100 Ω ±5% 1/16W          |                   |
| 144       | 1630 4121 | Resistor - 120 Ω ±5% 1/16W          |                   |
| 145       | 1630 4122 | Resistor - 1.2K Ω 5% 1/16W          |                   |
| 146       | 1630 4124 | Resistor - 120K Ω ±5%1/16W          |                   |
| 147       | 1630 4181 | Resistor - 180 Ω ±5% 1/16W          |                   |
| 148       | 1630 4221 | Resistor - 220 Ω ±5% 1/16W          |                   |
| 149       | 1630 4222 | Resistor - 2.2K Ω ±5%               |                   |
| 150       | 1630 4330 | Resistor - 33 Ω ±5% 1/8W            |                   |
| 151       | 1630 4470 | Resistor - 470 Ω ±5% 1/16W          |                   |
| 152       | 1630 4472 | Resistor - 4.7KΩ ±5% 1/16W          |                   |
| 153       | 1630 4519 | Resistor - 5.1Ω ±5% 1/16W           |                   |
| 154       | 1630 4560 | Resistor - 56Ω ±5% 1/16W            |                   |
| 155       | 1630 4680 | Resistor - 68 Ω ±5% 1/16W           |                   |
| 156       | 1630 4681 | Resistor - 680 Ω ±5% 1/16W          |                   |
| 157       | 1630 4820 | Resistor - 82 Ω ±5% 1/16W           |                   |
| 158       | 1634 0000 | Resistor - 0 Ω 1/16W                |                   |
| 159       | 1644 0220 | Capacitor - 22μF±20% 10V            |                   |
| 160       | 1644 1100 | Capacitor - 10μF±20% 16V            |                   |
| 161       | 1660 2221 | Capacitor - 220pF +80-20% 50V       |                   |
| 162       | 1660 2330 | Capacitor - 33pF - ±5% - 50V        |                   |
| 163       | 1660 2470 | Capacitor - 47pF ±5% 50V            |                   |
| 164       | 1660 2471 | Capacitor - 470pF - ±5% - 50V       |                   |
| 165       | 1660 2680 | Capacitor - 68pF ±5% 50V            |                   |
| 166       | 1660 4102 | Capacitor - 1000pF ±10% 50V         |                   |
| 167       | 1660 4222 | Capacitor - 2200pF - ±10% - 50V     |                   |
| 168       | 1660 6103 | Capacitor - 10000pF - +80%-20%, 50V |                   |

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 169       | 1660 8104 | Capacitor - 0.1μF+80-20% 25V  |                   |
| 170       | 1907 0007 | SDRAM - 64M 1MX16X4 100MHz G3 |                   |

## 22.ENGINE BOARD (G038)

## CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | --        | C 11       | 183       | C 21       | 194       | C 31       | 185       | C 41       | 194       | C 51       | 192       | C 61       | 192       |
| C 2        | 191       | C 12       | 184       | C 22       | 194       | C 32       | 192       | C 42       | 194       | C 52       | 192       | C 62       | 192       |
| C 3        | 194       | C 13       | 183       | C 23       | 192       | C 33       | 190       | C 43       | 194       | C 53       | 192       | C 63       | 192       |
| C 4        | 194       | C 14       | 192       | C 24       | 192       | C 34       | 192       | C 44       | --        | C 54       | 192       | C 64       | 194       |
| C 5        | 191       | C 15       | 192       | C 25       | 194       | C 35       | 187       | C 45       | 192       | C 55       | 192       | C 65       | 192       |
| C 6        | 187       | C 16       | 192       | C 26       | 192       | C 36       | 187       | C 46       | 192       | C 56       | 192       | C 66       | 194       |
| C 7        | 194       | C 17       | 192       | C 27       | 194       | C 37       | 187       | C 47       | 194       | C 57       | 192       | C 67       | 194       |
| C 8        | 192       | C 18       | 192       | C 28       | 194       | C 38       | 187       | C 48       | 194       | C 58       | 192       | C 68       | 194       |
| C 9        | 192       | C 19       | 187       | C 29       | 194       | C 39       | 187       | C 49       | 192       | C 59       | 192       | C 69       | 194       |
| C 10       | 192       | C 20       | 194       | C 30       | 186       | C 40       | 187       | C 50       | 192       | C 60       | 192       | C 70       | 192       |

# CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C 71       | 192       | C 81       | 192       | C 91       | 192       | C 101      | 194       | C 111      | 192       | C 121      | 192       | C 131      | 188       |
| C 72       | 192       | C 82       | 192       | C 92       | 192       | C 102      | 194       | C 112      | 192       | C 122      | 192       | C 132      | 192       |
| C 73       | 192       | C 83       | 192       | C 93       | 192       | C 103      | 194       | C 113      | 194       | C 123      | 192       | C 133      | 194       |
| C 74       | 192       | C 84       | 194       | C 94       | 192       | C 104      | 194       | C 114      | 194       | C 124      | 194       | C 134      | 194       |
| C 75       | 192       | C 85       | 194       | C 95       | 192       | C 105      | 194       | C 115      | 194       | C 125      | 192       | C 135      | 194       |
| C 76       | 192       | C 86       | 194       | C 96       | 192       | C 106      | 194       | C 116      | 194       | C 126      | 193       | C 136      | 194       |
| C 77       | 192       | C 87       | 194       | C 97       | 192       | C 107      | 187       | C 117      | 194       | C 127      | 194       | C 137      | 187       |
| C 78       | 192       | C 88       | 194       | ---        | --        | C 108      | 187       | C 118      | 194       | C 128      | 193       | C 138      | 194       |
| C 79       | 192       | C 89       | 192       | C 99       | 194       | C 109      | 187       | C 119      | 194       | C 129      | 157       | C 139      | 194       |
| C 80       | 192       | C 90       | 194       | C 100      | 1092      | C 110      | 192       | C 120      | 190       | C 130      | 188       | C 140      | 194       |

## CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C141       | 192       |
| C142       | 192       |
| C143       | 192       |
| C144       | 192       |
| C145       | 194       |
|            |           |
| C146       | 192       |
| C147       | 192       |
| C148       | 192       |
| C149       | 192       |
| C150       | 192       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C151       | 192       |
| C152       | 192       |
| C153       | 190       |
| C154       | 190       |
| C155       | 189       |
|            |           |
| C156       | 189       |
| C157       | 192       |
| C158       | 192       |
| C159       | 194       |
| C160       | 194       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C161       | 186       |
| C162       | 193       |
| C163       | 193       |
| C164       | 192       |
| C165       | 192       |
|            |           |
| C166       | 193       |
| C167       | 187       |
| C168       | 192       |
| C169       | 192       |
| C170       | 194       |

## CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN 99      | 117       |
| CN 101     | 122       |
| CN 104     | 103       |
| CN 105     | 123       |
| CN 110     | 121       |
|            |           |
| CN 130     | 102       |
| CN 134     | 116       |
| CN 201     | 110       |
| CN 203     | 101       |
| CN 205     | 103       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN 206     | 106       |
| CN 209     | 114       |
| CN 216     | 108       |
| CN 221     | 103       |
| CN 223     | 113       |
|            |           |
| CN 225     | 104       |
| CN 226     | 115       |
| CN 228     | 104       |
| CN 231     | 119       |
| CN 232     | 120       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN 233     | 108       |
| CN 234     | 106       |
| CN 236     | 118       |
| CN 242     | 105       |
| CN 305     | 119       |
|            |           |
| CN 306     | 107       |
| CN 307     | 109       |
| CN 308     | 111       |
| CN 309     | 112       |

## DA

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| DA 1       | 133       |
| DA 2       | 133       |
| DA 3       | 133       |
| DA 4       | 133       |
| DA 5       | 133       |

## DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D 1        | 131       |
| D 2        | 131       |

## FILTER

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL 1      | 159       |
| FIL 2      | 159       |
| FIL 3      | 159       |
| FIL 4      | 159       |
| FIL 5      | 159       |
|            |           |
| FIL 6      | 159       |
| FIL 7      | 159       |
| FIL 8      | 159       |
| FIL 9      | 158       |
| FIL 10     | 159       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL 11     | 159       |
| FIL 12     | 159       |
| FIL 13     | 159       |
| FIL 14     | 158       |

## FUSE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FU 1       | 125       |
| FU 2       | 126       |

## IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 1       | 144       |
| (Socket)   | 124       |
| IC 2       | 140       |
| IC 3       | 141       |
| IC 4       | 147       |
| IC 5       | 145       |
| IC 6       | 140       |
| IC 7       | 140       |
| IC 8       | 148       |
| IC 9       | 136       |
| IC 10      | 139       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 11      | 146       |
| IC 12      | 1         |
| IC 13      | 140       |
| ---        | --        |
| IC 15      | 136       |
|            |           |
| IC 16      | 2         |
| IC 17      | 140       |
| IC 18      | 140       |
| IC 19      | 136       |
| IC 20      | 136       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC 21      | 195       |
| ---        | --        |
| IC 23      | 138       |
| IC 24      | 149       |
| ---        | --        |
|            |           |
| IC 26      | 143       |
| IC 27      | 137       |

## JP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| JP 1       | 180       |
| JP 3       | 180       |

## OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC 1      | 150       |
| OSC 2      | 151       |

## LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED 1      | 134       |
| LED 2      | 135       |

## 22.ENGINE BOARD (G038)

Q

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| Q 1        | 127       | R 1        | 169       | R 11       | 169       | R 21       | 169       | R 31       | 169       | R 41       | 169       | R 51       | 170       |
| ---        | --        | R 2        | 174       | R 12       | 170       | R 22       | 170       | R 32       | 170       | R 42       | 170       | R 52       | 178       |
| Q 3        | 142       | R 3        | 172       | R 13       | 172       | R 23       | 170       | R 33       | 174       | R 43       | 174       | ---        | --        |
| Q 4        | 130       | R 4        | 175       | R 14       | 172       | R 24       | 174       | R 34       | 170       | R 44       | 169       | R 54       | 171       |
| Q 5        | 129       | R 5        | 169       | R 15       | 172       | R 25       | 170       | R 35       | 169       | R 45       | 175       | R 55       | 160       |
| Q 6        | 142       | R 6        | 172       | R 16       | 169       | R 26       | 176       | R 36       | 174       | R 46       | 175       | R 56       | 177       |
| Q 7        | 142       | R 7        | 172       | R 17       | 175       | R 27       | 169       | R 37       | 169       | R 47       | 175       | R 57       | 177       |
| Q 8        | 128       | R 8        | 172       | R 18       | 172       | R 28       | 170       | R 38       | 169       | R 48       | 152       | R 58       | 177       |
|            |           | R 9        | 169       | R 19       | 169       | R 29       | 169       | R 39       | 169       | R 49       | 179       | R 59       | 177       |
|            |           | R 10       | 170       | R 20       | 176       | R 30       | 169       | R 40       | 169       | R 50       | 170       | R 60       | 170       |

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 61       | 169       | R 71       | 169       | R 81       | 170       | R 91       | 169       | R 101      | 169       | ---        | --        | R 121      | 170       |
| R 62       | 169       | R 72       | 170       | ---        | --        | R 92       | 170       | R 102      | 174       | R 112      | 169       | R 122      | 169       |
| R 63       | 170       | R 73       | 170       | ---        | --        | R 93       | 170       | R 103      | 174       | R 113      | 169       | R 123      | 174       |
| R 64       | 174       | R 74       | 170       | R 84       | 162       | R 94       | 169       | R 104      | 174       | R 114      | 169       | R 124      | 174       |
| R 65       | 174       | R 75       | 169       | R 85       | 162       | R 95       | 176       | R 105      | 169       | R 115      | 169       | R 125      | 174       |
| R 66       | 170       | R 76       | 170       | R 86       | 162       | R 96       | 176       | R 106      | 172       | ---        | --        | R 126      | 174       |
| R 67       | 169       | R 77       | 162       | R 87       | 162       | R 97       | 170       | R 107      | 174       | R 117      | 162       | R 127      | 168       |
| ---        | --        | R 78       | 162       | R 88       | 170       | R 98       | 169       | R 108      | 169       | R 118      | 174       | R 128      | 172       |
| R 69       | 170       | R 79       | 174       | R 89       | 169       | R 99       | 170       | R 109      | 170       | R 119      | 169       | R 129      | 169       |
| ---        | --        | R 80       | 167       | R 90       | 170       | R 100      | 169       | R 110      | 170       | R 120      | 169       | R 130      | 169       |

## 22.ENGINE BOARD (G038)

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R 131      | 169       | R 141      | 177       | R 151      | 182       | R 161      | 175       | R 171      | 172       | ---        | --        | R 201      | 170       |
| R 132      | 171       | R 142      | 168       | ---        | --        | R 162      | 170       | R 172      | 172       | R 182      | 163       | R 202      | 169       |
| R 133      | 172       | R 143      | 177       | R 153      | 169       | R 163      | 169       | R 173      | 172       | R 183      | 163       | R 203      | 170       |
| R 134      | 169       | R 144      | 169       | R 154      | 169       | R 164      | 168       | R 174      | 175       | R 184      | 170       | R 204      | 169       |
| R 135      | 169       | R 145      | 169       | R 155      | 174       | R 165      | 179       | R 175      | 161       | R 185      | 166       | R 205      | 169       |
| R 136      | 175       | R 146      | 170       | R 156      | 174       | R 166      | 169       | R 176      | 161       | R 186      | 169       | R 206      | 170       |
| R 137      | 170       | R 147      | 170       | R 157      | 175       | R 167      | 169       | R 177      | 161       | R 187      | 170       | R 207      | 164       |
| R 138      | 172       | R 148      | 170       | R 158      | 175       | R 168      | 170       | R 178      | 161       | R 188      | 170       | R 208      | 169       |
| R 139      | 169       | R 149      | 169       | R 159      | 175       | R 169      | 174       | R 179      | 161       | ---        | --        | R 209      | 169       |
| R 140      | 170       | R 150      | 181       | R 160      | 175       | R 170      | 174       | ---        | --        | R 200      | 165       | R 210      | 169       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R 211      | 169       |
| ---        | --        |
| R 213      | 169       |
| R 214      | 169       |

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 1       | 153       |
| RN 2       | 155       |
| RN 3       | 153       |
| RN 4       | 155       |
| RN 5       | 155       |
| RN 6       | 156       |
| RN 7       | 156       |
| RN 8       | 153       |
| RN 9       | 156       |
| RN 10      | 156       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 11      | 156       |
| RN 12      | 156       |
| RN 13      | 156       |
| RN 14      | 156       |
| RN 15      | 156       |
| RN 16      | 153       |
| RN 17      | 156       |
| RN 18      | 153       |
| RN 19      | 156       |
| RN 20      | 153       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 21      | 156       |
| RN 22      | 153       |
| RN 23      | 154       |
| RN 24      | 154       |
| RN 25      | 154       |
| RN 26      | 154       |
| RN 27      | 153       |
| RN 28      | 155       |
| RN 29      | 153       |
| RN 30      | 153       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 31      | 156       |
| RN 32      | 156       |
| RN 33      | 155       |
| RN 34      | 153       |
| RN 35      | 155       |
| RN 36      | 155       |
| RN 37      | 153       |
| RN 38      | 153       |
| RN 39      | 155       |
| RN 40      | 155       |

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 41      | 155       |
| RN 42      | 155       |
| RN 43      | 155       |
| RN 44      | 155       |
| RN 45      | 155       |
| RN 46      | 155       |
| RN 47      | 155       |
| RN 48      | 153       |
| RN 49      | 156       |
| RN 50      | 156       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN 51      | 156       |
| RN 52      | 156       |

### ZD

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ZD 1       | 132       |

## 22.ENGINE BOARD (G038)

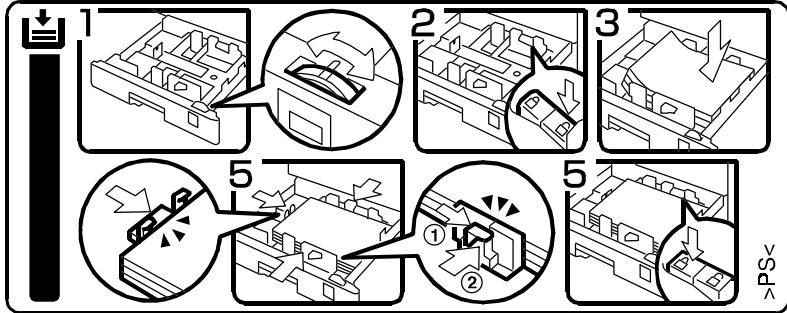
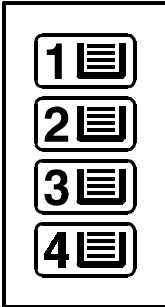
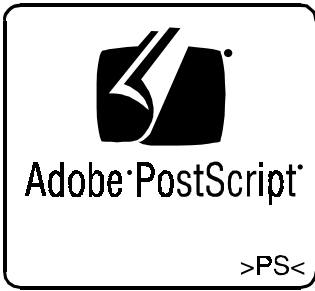
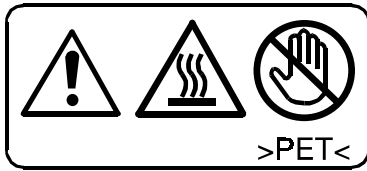
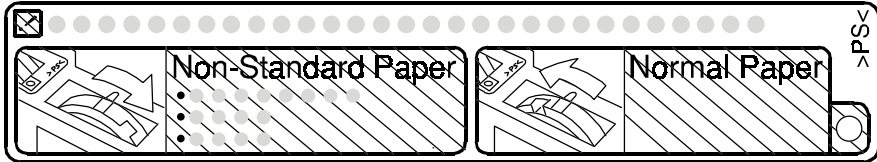
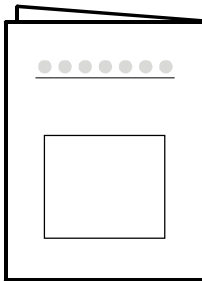
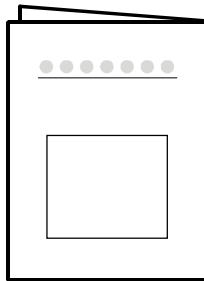
| Index No. | Part No.  | Description              | Q'ty Per Assembly |
|-----------|-----------|--------------------------|-------------------|
| *         | G038 7611 | PCB - Engine Board - USA | 1                 |
| *         | G038 7631 | PCB - Engine Board - EUR | 1                 |
| 1         | A232 5355 | IC - GATEX               | 1                 |
| 2         | A250 5501 | IC - G8 HG71C106FL       | 1                 |

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 101       | 1102 4201 | Connector - 2P                 |                   |
| 102       | 1102 4202 | Connector - 3P                 |                   |
| 103       | 1102 4203 | CT Header - 4P                 |                   |
| 104       | 1102 4204 | CT Header - 5P                 |                   |
| 105       | 1102 4206 | Connector - 7P                 |                   |
| 106       | 1102 4207 | Connector - 8P                 |                   |
| 107       | 1102 4209 | CT Header - 10P                |                   |
| 108       | 1102 4210 | Connector - 11P                |                   |
| 109       | 1102 4497 | Connector - 13P                |                   |
| 110       | 1102 4627 | Connector - 10P                |                   |
| 111       | 1102 4629 | Connector - 12P                |                   |
| 112       | 1102 4651 | Connector - 10P                |                   |
| 113       | 1102 5007 | CT Header - 14P                |                   |
| 114       | 1102 5303 | Connector - 4P                 |                   |
| 115       | 1102 5304 | Connector - 5P                 |                   |
| 116       | 1102 5307 | Connector - 2P                 |                   |
| 117       | 1102 5894 | Connector - 68P                |                   |
| 118       | 1102 6304 | Connector - 11P                |                   |
| 119       | 1102 6305 | Connector - 12P                |                   |
| 120       | 1102 6319 | Connector - 12P                |                   |
| 121       | 1102 6403 | Connector - 30P                |                   |
| 122       | 1102 7717 | Connector - TX24-30R-12ST-H1   |                   |
| 123       | 1102 8084 | Connector - DF11-32DP-2DSA(08) |                   |
| 124       | 1104 0764 | IC Socket-8pin                 |                   |
| 125       | 1107 0727 | Fuse - K19374/4A               |                   |
| 126       | 1109 0014 | Transistor - RGE500            |                   |
| 127       | 1400 0448 | Transistor - 2SC2712-GR        |                   |
| 128       | 1400 0700 | Transistor - DTD133HK          |                   |
| 129       | 1400 0753 | Transistor - DTC114VKA         |                   |
| 130       | 1401 0303 | IC - TD62308AP                 |                   |
| 131       | 1402 1336 | Diode - 1SS355                 |                   |
| 132       | 1402 1380 | Diode - PTZ 6.2A               |                   |
| 133       | 1402 1491 | Diode - RB471E                 |                   |
| 134       | 1403 0894 | LED Sml-010lt                  |                   |
| 135       | 1403 0895 | LED Sml-010mt                  |                   |

| Index No. | Part No.  | Description                             | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------|-------------------|
| 136       | 1407 1600 | TTLIC - SN74LS244NS                     |                   |
| 137       | 1407 1741 | TTL - SN74LS32NS                        |                   |
| 138       | 1407 2052 | TTLIC - SN74LS74ANS                     |                   |
| 139       | 1407 2080 | IC - SN74LS21NS                         |                   |
| 140       | 1407 2187 | TTLIC - SN74LS07NS                      |                   |
| 141       | 1407 2218 | TTLIC - SN74LS06NS                      |                   |
| 142       | 1407 2219 | IC - TD62003AP                          |                   |
| 143       | 1407 3357 | Comparator - BA10393F                   |                   |
| 144       | 1407 4678 | Eeprom Br93lc56a                        |                   |
| 145       | 1407 4754 | IC - HD6413002F16                       |                   |
| 146       | 1407 4827 | IC - MBM29F400BC-70pFTN-SFK             |                   |
| 147       | 1408 0575 | IC - M51957BFP                          |                   |
| 148       | 1408 0595 | IC - NJM2904M                           |                   |
| 149       | 1408 1204 | IC - TA8083P                            |                   |
| 150       | 1503 0863 | Oscillator - 14.7456mhz                 |                   |
| 151       | 1503 0865 | Oscillator - 9.8304MHZ                  |                   |
| 152       | 1601 5237 | Resistor - 220 $\Omega$ $\pm$ 5%        |                   |
| 153       | 1601 7752 | Resistor Array - 10K $\Omega$ $\pm$ 5%  |                   |
| 154       | 1601 7760 | Resistor Array                          |                   |
| 155       | 1601 7791 | Resistor Array - 1K $\Omega$ $\pm$ 5%   |                   |
| 156       | 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 157       | 1605 0577 | Capacitor - 0.33 $\mu$ F+80-20%         |                   |
| 158       | 1607 0939 | Filter-nfm41p11c204                     |                   |
| 159       | 1607 1106 | IC - LC0805L473M                        |                   |
| 160       | 1630 1101 | Resistor - 100 $\Omega$ 1/4W $\pm$ 5%   |                   |
| 161       | 1630 2391 | Resistor - 390 $\Omega$ 1/8W            |                   |
| 162       | 1630 3101 | Resistor - 100 $\Omega$ - 1/10W         |                   |
| 163       | 1630 3102 | Resistor - 1K $\Omega$ 1/10W $\pm$ 5%   |                   |
| 164       | 1630 3103 | Resistor - 10K $\Omega$ 1/10W $\pm$ 5%  |                   |
| 165       | 1630 3104 | Resistor - 100K $\Omega$ 1/10W $\pm$ 5% |                   |
| 166       | 1630 3105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W   |                   |
| 167       | 1630 3680 | Resistor - 68 $\Omega$ $\pm$ 5% 1/10W   |                   |
| 168       | 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 169       | 1630 4102 | Resistor - 1.0K $\Omega$ $\pm$ 5% 1/16W |                   |

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 170       | 1630 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/16W   |                   |
| 171       | 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 172       | 1630 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%        |                   |
| 173       | 1630 4243 | Resistor - 24K $\Omega$ $\pm$ 5% 1/16W   |                   |
| 174       | 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W     |                   |
| 175       | 1630 4332 | Resistor - 3.3K $\Omega$ $\pm$ 5% 1/16W  |                   |
| 176       | 1630 4471 | Resistor - 470 $\Omega$ $\pm$ 5% 1/16W   |                   |
| 177       | 1630 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/16W  |                   |
| 178       | 1633 2871 | Resistor - 2.87K $\Omega$ $\pm$ 1% 1/10W |                   |
| 179       | 1633 5601 | Resistor - 506K $\pm$ 1% 1/10W           |                   |
| 180       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W              |                   |
| 181       | 1634 1002 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W    |                   |
| 182       | 1634 3921 | Resistor - 3.92K $\Omega$ $\pm$ 1% 1/1   |                   |
| 183       | 1640 5101 | Capacitor - 100 $\mu$ F $\pm$ 20% 50V    |                   |
| 184       | 1642 1101 | Capacitor - 100 $\mu$ F $\pm$ 20% 16V    |                   |
| 185       | 1643 1100 | Capacitor - 10 $\mu$ F $\pm$ 20% 16V     |                   |
| 186       | 1643 5100 | Capacitor - 10 $\mu$ F $\pm$ 20% 50V     |                   |
| 187       | 1660 0100 | Capacitor - 10PF $\pm$ 0.5pF 50V         |                   |
| 188       | 1660 2120 | Capacitor - 12 pF $\pm$ 5% 50V           |                   |
| 189       | 1660 3330 | Capacitor - 33pF $\pm$ 5% 50V            |                   |
| 190       | 1660 3471 | Capacitor - 470pF 50V                    |                   |
| 191       | 1660 5102 | Capacitor - 1000pF $\pm$ 10% 50V         |                   |
| 192       | 1660 6103 | Capacitor - 10000pF - +80%-20%, 50V      |                   |
| 193       | 1660 7104 | Capacitor - 100000pF 50V                 |                   |
| 194       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V       |                   |
| 195       | 1902 0041 | IC - 1M X8 70NS G10                      |                   |

23.DECAL AND DOCUMENT (G038)

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

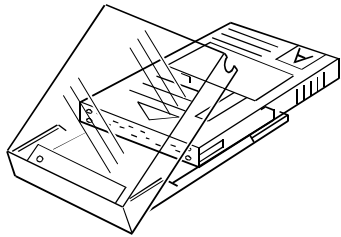
## 23.DECAL AND DOCUMENT (G038)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | A267 2892 | Decal - Paper Set Direction   | 1                 |
| 2         | A267 2893 | Decal - Paper Tray            | 1                 |
| 3         | G035 1382 | Decal - Postscript            | 1                 |
| 4         | AA00 1389 | Large Decal - Energy Star     | 1                 |
| 5         | A267 7351 | Decal - Special Paper         | 1                 |
| 6         | AA00 0300 | Decal - High Temperature      | 1                 |
| 7         | G038 8607 | Setup Guide - RIC             | 1                 |
| 7         | G038 8687 | Setup Guide - Savin/GES       | 1                 |
| 8         | G038 8617 | Printer Reference - RIC       | 1                 |
| 8         | G038 8697 | Printer Reference - Savin/GES | 1                 |

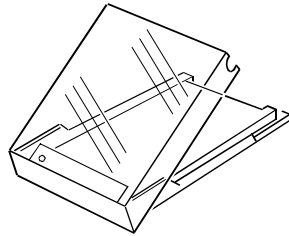
| Index No. | Part No. | Description | Q'ty Per Assembly |
|-----------|----------|-------------|-------------------|
|           |          |             |                   |

## 24.SPECIAL TOOLS (G038)

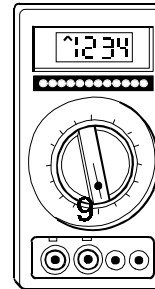
1



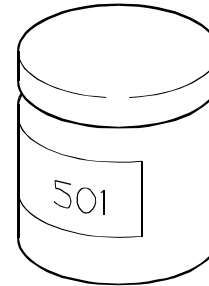
2



3



4



## 24.SPECIAL TOOLS (G038)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | A230 9352 | Flash Memory Card - 4MB      | 1                 |
| 2         | A230 9351 | Case - Flash Memory Card     | 1                 |
| 3         | A029 9387 | Digital Multimeter - FLUKE87 | 1                 |
| 4         | 5203 9501 | Grease 501                   | 1                 |

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

# **PARTS INDEX**

## PM Parts Index

| Section Name                | Part No.  | Description in Service Manual | Description in Parts Catalog | Q'ty Per Assembly | Page and Index No |
|-----------------------------|-----------|-------------------------------|------------------------------|-------------------|-------------------|
| TRANSFER UNIT (G038)        | G038 3830 | Transfer/Separation Unit      | Transfer/Separation Unit     | 1                 | 13- 27            |
| PAPER FEED SECTION 2 (G038) | A267 2751 | Paper Feed Roller             | Paper Feed Roller            | 1                 | 17- 10            |
| PAPER TRAY 2 (G038)         | A267 2831 | Friction Pad                  | Friction Pad                 | 1                 | 27- 22            |
| FUSING UNIT 1 (G038)        | AE01 1048 | Hot Roller                    | Hot Roller                   | 1                 | 29- 14            |
|                             | AE02 0086 | Pressure Roller               | Pressure Roller              | 1                 | 29- 16            |
|                             | AE04 4025 | Hot Roller Stripper           | Hot Roller Stripper          | 3                 | 29- 5             |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| G038 1076 | Rear Guide Plate - Fusing Unit | 43- 11             |
| G038 1078 | Right Front Frame              | 45- 8              |
| G038 1079 | Right Rear Frame               | 43- 12             |
| G038 1235 | Front Cover Ass'y              | 7- 15              |
| G038 1268 | Operation Instruction Sheet    | 7- 9               |
| G038 1270 | Right Rear Cover               | 9- 9               |
| G038 1290 | Rear Cover                     | 9- 7               |
| G038 1294 | Rear Cover                     | 9- 6               |
| G038 1296 | Rear Cap Cover - Large         | 9- 23              |
| G038 1297 | Rear Cap Cover - Small         | 9- 24              |
| G038 1299 | Rivet - 5                      | 9- 25              |
| G038 1303 | Upper Paper Exit Cover         | 9- 8               |
| G038 1304 | Rear Paper Exit Cover          | 9- 5               |
| G038 1320 | Upper Right Front Cover        | 7- 2               |
| G038 1345 | Paper Exit Guide Cover         | 33- 1              |
| G038 1348 | Decal - Paper Exit             | 33- 2              |
| G038 1378 | Joint Cap                      | 9- 4               |
| G038 2580 | Protect Base Bracket           | 15- 19             |
| G038 2586 | Positioning Pin Cover - Left   | 35- 36             |
| G038 2587 | Left Holder - Positioning Pin  | 35- 35             |
| G038 2595 | Separation Plate - Heater      | 15- 8              |
| G038 3830 | Transfer/Separation Unit       | 13- 27             |
| G038 3890 | Separation Unit                | 13- 14             |
| G038 4141 | Bracket - Fusing Connector     | 29- 21             |
| G038 5201 | Motor Harness                  | 41- 8              |
| G038 5203 | Sensor Harness - New Article   | 39- 11             |
| G038 5205 | Toner Bottle Harness           | 21- 13             |
| G038 5205 | Toner Bottle Harness           | 41- 11             |
| G038 5209 | Safety Switch Harness          | 41- 10             |
| G038 5209 | Safety Switch Harness          | 45- 11             |
| G038 5211 | Paper Size Sensor Harness      | 41- 4              |
| G038 5212 | Paper Feed Harness - 1         | 41- 7              |
| G038 5213 | Paper Feed Harness - 2         | 41- 3              |
| G038 5215 | Paper Feed Harness - Motor     | 41- 6              |
| G038 5216 | Process Control Harness        | 41- 5              |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| G038 5223 | P.P/R-P Harness                  | 43- 14             |
| G038 5223 | P.P/R-P Harness                  | 41- 28             |
| G038 5224 | High Voltage Harness - B         | 43- 2              |
| G038 5225 | Power Supply Unit Harness (120V) | 41- 24             |
| G038 5233 | Joint Unit Harness               | 41- 26             |
| G038 5236 | Manual Feed Unit Harness         | 37- 4              |
| G038 5237 | Bank Connectiong Harness         | 35- 39             |
| G038 5241 | LDD Harness                      | 41- 9              |
| G038 5243 | Mirror Motor Harness - Polygon   | 41- 12             |
| G038 5300 | IC - ASIC Rocky-R                | 49- 1              |
| G038 5352 | IC - FONT 8MBIT                  | 49- 2              |
| G038 5364 | Printer Controller Board         | 49- *              |
| G038 5364 | Printer Controller Board         | 41- 17             |
| G038 5811 | Shield Plate - Controller Board  | 41- 18             |
| G038 5813 | Connector Cover - Control Board  | 41- 16             |
| G038 5815 | Harness Bracket                  | 41- 27             |
| G038 5816 | Gate Pawl Bracket                | 43- 4              |
| G038 5817 | Power Supply Cord Bracket (120V) | 41- 23             |
| G038 5819 | Power Pack Bracket               | 43- 7              |
| G038 5823 | Connector Bracket - Joint Unit   | 41- 1              |
| G038 5825 | Stand                            | 33- 7              |
| G038 5826 | Cover - IC Card                  | 41- 14             |
| G038 5827 | Spring Plate                     | 41- 29             |
| G038 7051 | Front Door Ass'y - RIC (EUR)     | 7- 7               |
| G038 7152 | Operation Panel Ass'y (NA)       | 7- 10              |
| G038 7172 | Operation Panel Ass'y (EUR)      | 7- 10              |
| G038 7273 | Fusing Drawer Ass'y (120V)       | 29- 7              |
| G038 7295 | Front Door Ass'y - NRG           | 7- 7               |
| G038 7296 | Front Door Ass'y - Savin/GES     | 7- 7               |
| G038 7523 | Fusing Drawer Ass'y (230V)       | 29- 7              |
| G038 7551 | PCB Bank Bracket                 | 35- 1              |
| G038 7556 | Fusing Harness -115V             | 43- 10             |
| G038 7557 | Power Cord Stopper - 115V        | 41- 25             |
| G038 7560 | PCB Bank                         | 35- 2              |
| G038 7561 | PSU Joint Harness                | 41- 2              |

| Part No.  | Description                   | Page and Index No. |
|-----------|-------------------------------|--------------------|
| G038 7562 | PSU Guide Bracket             | 41- 22             |
| G038 7580 | Bracket - Power Inlet (230V)  | 41- 25             |
| G038 7582 | PSU Harness - EUR             | 41- 24             |
| G038 7586 | Fusing Harness - EUR          | 43- 10             |
| G038 7611 | PCB - Engine Board - USA      | 41- 13             |
| G038 7611 | PCB - Engine Board - USA      | 53- *              |
| G038 7631 | PCB - Engine Board - EUR      | 41- 13             |
| G038 7631 | PCB - Engine Board - EUR      | 53- *              |
| G038 8607 | Setup Guide - RIC             | 55- 7              |
| G038 8617 | Printer Reference - RIC       | 55- 8              |
| G038 8687 | Setup Guide - Savin/GES       | 55- 7              |
| G038 8697 | Printer Reference - Savin/GES | 55- 8              |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| AA00 0300 | Decal - High Temperature          | 29- 20             |
| AA00 0300 | Decal - High Temperature          | 55- 6              |
| AA00 0301 | Decal - Warning (High Temperatre) | 29- 9              |
| AA00 1389 | Large Decal - Energy Star         | 55- 4              |
| AA00 1389 | Large Decal - Energy Star         | 7- 14              |
| AA04 3514 | Timing Belt - S3M - 420           | 37- 9              |
| AA04 3515 | Timing Belt - S3M - 225           | 37- 16             |
| AA04 3516 | Timing Belt - S3M - 342           | 37- 7              |
| AA04 3517 | Timing Belt - S3M - 315           | 39- 14             |
| AA06 0792 | Tension Spring                    | 37- 14             |
| AA06 0792 | Tension Spring                    | 39- 13             |
| AA06 3334 | Spring - Vertical Transport       | 15- 18             |
| AA06 3334 | Spring - Vertical Transport       | 9- 16              |
| AA06 3335 | Pressure Spring                   | 13- 5              |
| AA06 3570 | Tension Spring                    | 31- 11             |
| AA06 3598 | Pressure Spring                   | 13- 15             |
| AA06 3599 | Pressure Spring                   | 13- 4              |
| AA06 3607 | Pressure Spring                   | 13- 18             |
| AA08 0249 | Bushing - Vertical Transport      | 9- 15              |
| AA08 0249 | Bushing - Vertical Transport      | 15- 17             |
| AA08 0252 | Bushing - M4                      | 19- 4              |
| AA08 0252 | Bushing - M4                      | 17- 25             |
| AA08 0255 | Transfer Roller Bushing           | 13- 17             |
| AA08 2070 | Bushing - 8x16x7                  | 35- 24             |
| AA08 2073 | Roller Busing                     | 31- 10             |
| AA12 0094 | Antistatic Brush                  | 33- 13             |
| AA13 2208 | Spacer - M6                       | 35- 15             |
| AA14 3219 | Stepped Screw                     | 29- 2              |
| AA14 3301 | Stepped Screw - M3x4              | 43- 9              |
| AA15 0708 | Front Discharge Sheet             | 13- 23             |
| AA15 0709 | Rear Discharge Sheet              | 13- 24             |
| AA16 1143 | Cushion - Link                    | 17- 26             |
| AA16 1143 | Cushion - Link                    | 19- 21             |
| AA16 1143 | Cushion - Link                    | 23- 3              |
| AB01 0349 | Transfer Roller Gear              | 13- 11             |

| Part No.  | Description                   | Page and Index No. |
|-----------|-------------------------------|--------------------|
| AB01 1199 | Gear - 31Z/54Z                | 39- 4              |
| AB01 1200 | Gear - 38Z                    | 39- 8              |
| AB01 1203 | Gear - 30Z                    | 37- 21             |
| AB01 1204 | Gear - 27Z                    | 37- 19             |
| AB01 1400 | Gear - 48Z                    | 29- 12             |
| AB01 1404 | Gear - 19Z                    | 33- 8              |
| AB01 4050 | Gear - 44Z                    | 37- 6              |
| AB01 7503 | Gear - 35Z/28Z                | 37- 17             |
| AB01 7504 | Gear - 24Z                    | 37- 8              |
| AB03 0626 | Timing Pulley - 20T           | 39- 5              |
| AB03 0627 | Timing Pulley - 18T           | 39- 16             |
| AB03 3091 | Timing Pulley - 31T/36T       | 37- 10             |
| AB03 3092 | Timing Pulley - 27T/48T       | 37- 15             |
| AC01 0005 | Mirror                        | 11- 7              |
| AC03 0077 | Shield Glass                  | 11- 11             |
| AE01 1048 | Hot Roller                    | 29- 14             |
| AE02 0086 | Pressure Roller               | 29- 16             |
| AE03 0029 | Ball Bearing - 30x42x7        | 29- 13             |
| AE03 0030 | Ball Bearing - 8x19x6         | 29- 15             |
| AE04 2029 | Fusing Cleaning Roller        | 31- 12             |
| AE04 4025 | Hot Roller Stripper           | 29- 5              |
| AF02 0472 | Transport Roller              | 19- 3              |
| AF02 0473 | Registration Roller           | 23- 11             |
| AF02 0475 | Exit Roller                   | 33- 14             |
| AF02 0500 | Driven Roller                 | 17- 24             |
| AF02 1064 | Registration Driven Roller    | 13- 8              |
| AF02 2112 | Driven Roller                 | 33- 6              |
| AF02 2118 | Pull Out Roller - Option Tray | 15- 16             |
| AF04 0566 | Tension Roller                | 33- 19             |
| AF04 0567 | Tension Roller                | 33- 22             |
| AG07 0014 | Magnet Catch                  | 15- 21             |
| AG07 0014 | Magnet Catch                  | 33- 3              |
| AG07 1011 | Magnet Catch                  | 7- 4               |
| AH01 0009 | Rubber Pad - H5               | 15- 2              |
| AW01 0057 | Registration Sensor           | 23- 8              |

| Part No.  | Description                         | Page and Index No |
|-----------|-------------------------------------|-------------------|
| AW02 0075 | Photointerruptor                    | 19- 13            |
| AW02 0075 | Photointerruptor                    | 17- 7             |
| AW02 0075 | Photointerruptor                    | 35- 22            |
| AW02 0086 | Photointerruptor                    | 33- 12            |
| AW02 0111 | Photointerruptor                    | 19- 1             |
| AW02 0111 | Photointerruptor                    | 17- 17            |
| AW10 0050 | Thermistor                          | 31- 18            |
| AW50 0022 | Push Switch                         | 19- 7             |
| AX04 0119 | DC Motor - 1.92w                    | 35- 13            |
| AX05 0140 | Toner Bottle Motor - DC 2.6W        | 21- 11            |
| AX06 0181 | Polygon Mirror Motor                | 11- 13            |
| AX06 0199 | Main Motor - DC 28W                 | 43- 1             |
| AX20 0165 | Magnetic Clutch                     | 37- 3             |
| AX20 0166 | Magnetic Clutch                     | 39- 3             |
| AX20 0167 | Magnetic Clutch                     | 39- 2             |
| AX44 0118 | Fusing Lamp - 120V 770W             | 29- 8             |
| AX44 0119 | Fusing Lamp - 230V 770W             | 29- 8             |
| G020 1332 | Hinge - Front Cover                 | 7- 5              |
| G020 1391 | Screw - M3x4.5                      | 41- 15            |
| G020 1391 | Screw - M3x4.5                      | 7- 3              |
| G020 1391 | Screw - M3x4.5                      | 9- 3              |
| G020 1911 | Sync Detector Mirror                | 11- 25            |
| G020 1937 | Shield Glass - Polygon Mirror Motor | 11- 22            |
| G020 1966 | Cylindrical Lens                    | 11- 19            |
| G020 1968 | F Theta Mirror                      | 11- 26            |
| G020 1969 | BTL Lens                            | 11- 9             |
| G020 2620 | Push Switch - Paper Size            | 19- 8             |
| G020 2620 | Push Switch - Paper Size            | 17- 2             |
| G020 3334 | Slider Ass'y                        | 21- 8             |
| G020 3855 | Spacer Roller - Transfer            | 13- 12            |
| G020 5626 | Push Switch                         | 15- 13            |
| G020 5626 | Push Switch                         | 39- 10            |
| G020 5626 | Push Switch                         | 33- 10            |
| G020 5829 | Shoulder Screw - M3x2.5             | 37- 12            |
| G020 5871 | Spacer - KGLS-12RF                  | 43- 6             |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| G029 1975 | Cylindrical Lens               | 11- 21             |
| G029 1980 | Decal - LD                     | 11- 4              |
| G029 2608 | Base Pad                       | 27- 10             |
| G029 2608 | Base Pad                       | 25- 10             |
| G029 4153 | Decal - High Temperature       | 31- 19             |
| G035 1382 | Decal - Postscript             | 55- 3              |
| G038 1076 | Rear Guide Plate - Fusing Unit | 43- 11             |
| G038 1078 | Right Front Frame              | 45- 8              |
| G038 1079 | Right Rear Frame               | 43- 12             |
| G038 1235 | Front Cover Ass'y              | 7- 15              |
| G038 1268 | Operation Instruction Sheet    | 7- 9               |
| G038 1270 | Right Rear Cover               | 9- 9               |
| G038 1290 | Rear Cover                     | 9- 7               |
| G038 1294 | Rear Cover                     | 9- 6               |
| G038 1296 | Rear Cap Cover - Large         | 9- 23              |
| G038 1297 | Rear Cap Cover - Small         | 9- 24              |
| G038 1299 | Rivet - 5                      | 9- 25              |
| G038 1303 | Upper Paper Exit Cover         | 9- 8               |
| G038 1304 | Rear Paper Exit Cover          | 9- 5               |
| G038 1320 | Upper Right Front Cover        | 7- 2               |
| G038 1345 | Paper Exit Guide Cover         | 33- 1              |
| G038 1348 | Decal - Paper Exit             | 33- 2              |
| G038 1378 | Joint Cap                      | 9- 4               |
| G038 2580 | Protect Base Bracket           | 15- 19             |
| G038 2586 | Positioning Pin Cover - Left   | 35- 36             |
| G038 2587 | Left Holder - Positioning Pin  | 35- 35             |
| G038 2595 | Separation Plate - Heater      | 15- 8              |
| G038 3830 | Transfer/Separation Unit       | 13- 27             |
| G038 3890 | Separation Unit                | 13- 14             |
| G038 4141 | Bracket - Fusing Connector     | 29- 21             |
| G038 5201 | Motor Harness                  | 41- 8              |
| G038 5203 | Sensor Harness - New Article   | 39- 11             |
| G038 5205 | Toner Bottle Harness           | 41- 11             |
| G038 5205 | Toner Bottle Harness           | 21- 13             |
| G038 5209 | Safety Switch Harness          | 41- 10             |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| G038 5209 | Safety Switch Harness            | 45- 11             |
| G038 5211 | Paper Size Sensor Harness        | 41- 4              |
| G038 5212 | Paper Feed Harness - 1           | 41- 7              |
| G038 5213 | Paper Feed Harness - 2           | 41- 3              |
| G038 5215 | Paper Feed Harness - Motor       | 41- 6              |
| G038 5216 | Process Control Harness          | 41- 5              |
| G038 5223 | P.P/R-P Harness                  | 43- 14             |
| G038 5223 | P.P/R-P Harness                  | 41- 28             |
| G038 5224 | High Voltage Harness - B         | 43- 2              |
| G038 5225 | Power Supply Unit Harness (120V) | 41- 24             |
| G038 5233 | Joint Unit Harness               | 41- 26             |
| G038 5236 | Manual Feed Unit Harness         | 37- 4              |
| G038 5237 | Bank Connecting Harness          | 35- 39             |
| G038 5241 | LDD Harness                      | 41- 9              |
| G038 5243 | Mirror Motor Harness - Polygon   | 41- 12             |
| G038 5300 | IC - ASIC Rocky-R                | 49- 1              |
| G038 5352 | IC - FONT 8MBIT                  | 49- 2              |
| G038 5364 | Printer Controller Board         | 41- 17             |
| G038 5364 | Printer Controller Board         | 49- *              |
| G038 5811 | Shield Plate - Controller Board  | 41- 18             |
| G038 5813 | Connector Cover - Control Board  | 41- 16             |
| G038 5815 | Harness Bracket                  | 41- 27             |
| G038 5816 | Gate Pawl Bracket                | 43- 4              |
| G038 5817 | Power Supply Cord Bracket (120V) | 41- 23             |
| G038 5819 | Power Pack Bracket               | 43- 7              |
| G038 5823 | Connector Bracket - Joint Unit   | 41- 1              |
| G038 5825 | Stand                            | 33- 7              |
| G038 5826 | Cover - IC Card                  | 41- 14             |
| G038 5827 | Spring Plate                     | 41- 29             |
| G038 7051 | Front Door Ass'y - RIC (EUR)     | 7- 7               |
| G038 7152 | Operation Panel Ass'y (NA)       | 7- 10              |
| G038 7172 | Operation Panel Ass'y (EUR)      | 7- 10              |
| G038 7273 | Fusing Drawer Ass'y (120V)       | 29- 7              |
| G038 7295 | Front Door Ass'y - NRG           | 7- 7               |
| G038 7296 | Front Door Ass'y - Savin/GES     | 7- 7               |

| Part No.  | Description                   | Page and Index No. |
|-----------|-------------------------------|--------------------|
| G038 7523 | Fusing Drawer Ass'y (230V)    | 29- 7              |
| G038 7551 | PCB Bank Bracket              | 35- 1              |
| G038 7556 | Fusing Harness -115V          | 43- 10             |
| G038 7557 | Power Cord Stopper - 115V     | 41- 25             |
| G038 7560 | PCB Bank                      | 35- 2              |
| G038 7561 | PSU Joint Harness             | 41- 2              |
| G038 7562 | PSU Guide Bracket             | 41- 22             |
| G038 7580 | Bracket - Power Inlet (230V)  | 41- 25             |
| G038 7582 | PSU Harness - EUR             | 41- 24             |
| G038 7586 | Fusing Harness - EUR          | 43- 10             |
| G038 7611 | PCB - Engine Board - USA      | 41- 13             |
| G038 7611 | PCB - Engine Board - USA      | 53- *              |
| G038 7631 | PCB - Engine Board - EUR      | 53- *              |
| G038 7631 | PCB - Engine Board - EUR      | 41- 13             |
| G038 8607 | Setup Guide - RIC             | 55- 7              |
| G038 8617 | Printer Reference - RIC       | 55- 8              |
| G038 8687 | Setup Guide - Savin/GES       | 55- 7              |
| G038 8697 | Printer Reference - Savin/GES | 55- 8              |
| G697 1082 | Tray Holder                   | 35- 5              |
| G697 2677 | Spring Plate - Side Fence     | 27- 5              |
| G697 2677 | Spring Plate - Side Fence     | 25- 5              |
| H521 3355 | C Ring - Paper Feed Roller    | 23- 5              |
| H521 3355 | C Ring - Paper Feed Roller    | 17- 18             |
| H521 3356 | Bushing - Paper Feed Roller   | 23- 7              |
| H521 3356 | Bushing - Paper Feed Roller   | 19- 22             |
| H521 3356 | Bushing - Paper Feed Roller   | 17- 22             |
| N607 4525 | Coil - RITL-9704              | 41- 30             |

| Part No.  | Description                     | Page and Index No. |
|-----------|---------------------------------|--------------------|
| A029 9387 | Digital Multimeter - FLUKE87    | 57- 3              |
| A134 1383 | Emblem (RIC)                    | 7- 6               |
| A184 3411 | Chuck Spring                    | 21- 7              |
| A184 3420 | Bottle Chuck                    | 21- 9              |
| A184 3421 | Chuck Shaft                     | 21- 4              |
| A184 3422 | Toner Slider                    | 21- 5              |
| A230 9351 | Case - Flash Memory Card        | 57- 2              |
| A230 9352 | Flash Memory Card - 4MB         | 57- 1              |
| A232 1916 | Collar - Polygon Motor          | 11- 14             |
| A232 1921 | Front Holder - F Theta Mirror   | 11- 23             |
| A232 1922 | Rear Holder - F Theta Mirror    | 11- 15             |
| A232 1927 | Cylindrical Lens Holder         | 11- 20             |
| A232 1971 | Support Cover - Imaging Unit    | 11- 1              |
| A232 2374 | Spur                            | 31- 15             |
| A232 2987 | Roller - Paper Tray             | 27- 12             |
| A232 2987 | Roller - Paper Tray             | 25- 12             |
| A232 3962 | Spring Plate - Band Stopper     | 13- 21             |
| A232 5310 | Laser Sync. Detector            | 11- 16             |
| A232 5355 | IC - GATEX                      | 53- 1              |
| A250 5501 | IC - G8 HG71C106FL              | 53- 2              |
| A250 5720 | Power Supply Unit (120V)        | 41- 21             |
| A250 5722 | Power Supply Unit (230V)        | 41- 21             |
| A267 1051 | PCU Guide Plate                 | 23- 15             |
| A267 1054 | Guide Plate - Toner Supply Unit | 21- 1              |
| A267 1088 | Hinge - Front Cover             | 45- 9              |
| A267 1102 | Duct - Fam Motor                | 45- 7              |
| A267 1105 | Exhaust Fan Motor - DC 2.88W    | 45- 6              |
| A267 1115 | Tension Bracket                 | 37- 13             |
| A267 1159 | Bracket - Fusing Drive          | 37- 22             |
| A267 1162 | Cover - Fusing Drive            | 37- 18             |
| A267 1170 | Drive Gear - 36Z                | 37- 20             |
| A267 1183 | Bracket - Paper Feed Drive      | 37- 2              |
| A267 1184 | Fly Wheel                       | 43- 3              |
| A267 1264 | Magnet Catch - Front Cover      | 7- 8               |
| A267 1281 | Left Cover                      | 9- 2               |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| A267 1321 | Inner Cover                        | 7- 1               |
| A267 1340 | Upper Rear Cover - Scanner Unit    | 7- 11              |
| A267 1343 | Sub Paper Tray                     | 7- 13              |
| A267 1345 | Paper Exit Cover                   | 9- 1               |
| A267 1348 | Paper Support Cover                | 7- 12              |
| A267 1370 | Cap - Duplex                       | 9- 10              |
| A267 1915 | LD Unit                            | 11- 18             |
| A267 1917 | Cover - Polygon Motor              | 11- 2              |
| A267 1930 | Positioning Bracket - Laser Unit   | 45- 10             |
| A267 1933 | Mirror Holder - Sync.Detector      | 11- 24             |
| A267 1938 | Cover - Laser Unit                 | 11- 5              |
| A267 1940 | Front Holder - BTL                 | 11- 10             |
| A267 1941 | Rear Holder - BTL                  | 11- 8              |
| A267 1942 | Mirror Holder                      | 11- 6              |
| A267 1944 | Plate - Sync.Detector Board        | 11- 3              |
| A267 2564 | Front Grip Plate                   | 15- 5              |
| A267 2567 | Rear Grip Plate                    | 15- 6              |
| A267 2573 | Right Bracket - Grip Plate         | 15- 9              |
| A267 2576 | Left Bracket - Grip Plate          | 15- 7              |
| A267 2577 | Roller Guide Bracket 2             | 17- 19             |
| A267 2587 | Guide Plate                        | 17- 27             |
| A267 2588 | Shoe - Right Rail                  | 15- 3              |
| A267 2589 | Shoe - Supporter                   | 15- 4              |
| A267 2592 | Right Cover Pin                    | 35- 31             |
| A267 2593 | Left Cover Pin                     | 35- 3              |
| A267 2595 | Spring Guard - Paper Feed          | 35- 34             |
| A267 2596 | Right Drive Guard                  | 39- 1              |
| A267 2601 | Positioning Guide - Bypass Feed    | 39- 9              |
| A267 2602 | Tensioner                          | 39- 15             |
| A267 2604 | Stopper - Feed Clutch              | 39- 7              |
| A267 2605 | Support Bracket - Transport Clutch | 39- 6              |
| A267 2660 | Bracket - Photointerruptor         | 19- 2              |
| A267 2663 | Bracket - Photointerruptor         | 17- 16             |
| A267 2665 | Upper Roller Guide                 | 23- 10             |
| A267 2665 | Upper Roller Guide                 | 17- 21             |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| A267 2666 | Bushing - Roller Guide             | 17- 13             |
| A267 2674 | Bushing - Registration Roller      | 23- 6              |
| A267 2677 | Roller Clutch Bracket              | 15- 23             |
| A267 2680 | Spring Plate - Roller Clutch       | 15- 22             |
| A267 2681 | Roller Clutch - Vertical Transport | 17- 20             |
| A267 2685 | Bushing - Driven Roller            | 13- 6              |
| A267 2691 | Left Guide Plate - Regist Roller   | 23- 17             |
| A267 2695 | Grounding Plate - Regist Roller    | 23- 1              |
| A267 2698 | Bracket - Registration Sensor      | 23- 9              |
| A267 2700 | Registration Roller Cleaner        | 23- 14             |
| A267 2705 | Middle Right Cover                 | 9- 19              |
| A267 2708 | Cap - Bypass Feed                  | 9- 21              |
| A267 2709 | Guide Mylar                        | 9- 18              |
| A267 2710 | Stay - Cap                         | 9- 20              |
| A267 2711 | Right Guide Plate - Regist Roller  | 13- 10             |
| A267 2712 | Cleaner - Regist Driven Roller     | 13- 7              |
| A267 2713 | Hexagonal Set Screw - M3X8         | 9- 22              |
| A267 2715 | Driven Roller - Vertical Transport | 9- 17              |
| A267 2716 | Right Front Lower Cover            | 9- 12              |
| A267 2717 | Right Rear Lower Cover             | 9- 11              |
| A267 2721 | Upper Entrance Guide Plate         | 23- 4              |
| A267 2722 | Sub Guide Plate - Upper Entrance   | 23- 2              |
| A267 2724 | Lower Paper Guide Plate            | 15- 1              |
| A267 2727 | Middle Right Cover                 | 9- 13              |
| A267 2728 | Cover - Vertical Transport         | 15- 20             |
| A267 2732 | Lower Guide - Vertical Transport   | 15- 12             |
| A267 2733 | Upper Guide - Vertical Transport   | 15- 11             |
| A267 2736 | Vertical Transport Guide           | 15- 10             |
| A267 2740 | Stopper Band                       | 15- 14             |
| A267 2751 | Paper Feed Roller                  | 19- 17             |
| A267 2751 | Paper Feed Roller                  | 17- 10             |
| A267 2754 | Shaft - Paper Feed Roller          | 17- 15             |
| A267 2754 | Shaft - Paper Feed Roller          | 19- 20             |
| A267 2765 | Stopper - Pressure Lever           | 35- 26             |
| A267 2766 | Tension Spring - Stopper           | 35- 25             |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| A267 2767 | Torsion Spring - Joint           | 35- 30             |
| A267 2770 | Vibrating Plate                  | 35- 27             |
| A267 2771 | Tension Spring - Main            | 35- 32             |
| A267 2772 | Tension Spring - Sub             | 35- 18             |
| A267 2773 | Bracket - Rising 2               | 35- 33             |
| A267 2776 | Lever - DC Motor                 | 35- 7              |
| A267 2777 | Actuator - Paper Height Sensor   | 35- 29             |
| A267 2780 | Tray Lift Assembly               | 35- 23             |
| A267 2781 | Bracket - Pressure Lever         | 35- 19             |
| A267 2785 | Lock Lever Shaft - Feed Roller   | 19- 11             |
| A267 2785 | Lock Lever Shaft - Feed Roller   | 17- 5              |
| A267 2786 | Lock Lever - Feed Roller         | 19- 9              |
| A267 2786 | Lock Lever - Feed Roller         | 17- 3              |
| A267 2787 | Tension Spring - Lock Lever      | 19- 10             |
| A267 2787 | Tension Spring - Lock Lever      | 17- 4              |
| A267 2788 | Torsion Spring - Lock Lever      | 19- 15             |
| A267 2788 | Torsion Spring - Lock Lever      | 17- 12             |
| A267 2794 | Sub Pressure Lever               | 35- 17             |
| A267 2800 | Guide Plate - Paper Feed Roller  | 19- 19             |
| A267 2800 | Guide Plate - Paper Feed Roller  | 17- 14             |
| A267 2803 | Feeler - Paper End Sensor        | 19- 16             |
| A267 2803 | Feeler - Paper End Sensor        | 17- 9              |
| A267 2805 | Bracker - Paper End Sensor       | 17- 6              |
| A267 2805 | Bracker - Paper End Sensor       | 19- 12             |
| A267 2813 | Cushion - Guide Plate            | 17- 28             |
| A267 2815 | Bracket - Uppe Paper Lift        | 35- 28             |
| A267 2828 | Guide Plate - Pressure Release   | 17- 23             |
| A267 2831 | Friction Pad                     | 25- 22             |
| A267 2831 | Friction Pad                     | 27- 22             |
| A267 2834 | Pressure Spring - Friction Pad   | 25- 23             |
| A267 2834 | Pressure Spring - Friction Pad   | 27- 23             |
| A267 2836 | Pin - M6                         | 35- 37             |
| A267 2837 | Upper Bracket - Paper Lift Motor | 35- 21             |
| A267 2838 | Lower Bracket - Paper Lift Motor | 35- 12             |
| A267 2839 | Harness Cover - Paper Feed       | 35- 20             |

| Part No.  | Description                    | Page and Index No |
|-----------|--------------------------------|-------------------|
| A267 2840 | Shaft - DC Motor               | 35- 14            |
| A267 2842 | Guide Plate - Pressure Release | 19- 5             |
| A267 2844 | Compression Spring - Return    | 35- 10            |
| A267 2845 | Bushing - DC Motor Shaft       | 35- 11            |
| A267 2846 | Holder - Spring                | 35- 9             |
| A267 2847 | Bushing - Motor Shaft          | 19- 18            |
| A267 2847 | Bushing - Motor Shaft          | 17- 11            |
| A267 2847 | Bushing - Motor Shaft          | 35- 6             |
| A267 2848 | Holder - Pressure Spring       | 35- 8             |
| A267 2849 | Shutter - Photointerruptor     | 35- 16            |
| A267 2850 | Paper Tray                     | 27- 2             |
| A267 2850 | Paper Tray                     | 25- 2             |
| A267 2851 | Front Side Fence               | 25- 3             |
| A267 2851 | Front Side Fence               | 27- 3             |
| A267 2852 | Rear Side Fence                | 25- 17            |
| A267 2852 | Rear Side Fence                | 27- 17            |
| A267 2853 | End Fence                      | 25- 7             |
| A267 2853 | End Fence                      | 27- 7             |
| A267 2854 | Shaft - Tray Raising           | 27- 21            |
| A267 2854 | Shaft - Tray Raising           | 25- 21            |
| A267 2856 | Bracket - Rising               | 27- 18            |
| A267 2856 | Bracket - Rising               | 25- 18            |
| A267 2857 | Spring Plate - Side Fence      | 27- 16            |
| A267 2857 | Spring Plate - Side Fence      | 25- 16            |
| A267 2858 | Front Stopper Lever            | 27- 4             |
| A267 2858 | Front Stopper Lever            | 25- 4             |
| A267 2859 | Side Fence Stopper             | 27- 15            |
| A267 2859 | Side Fence Stopper             | 25- 15            |
| A267 2860 | Rear Lever Stopper             | 27- 14            |
| A267 2860 | Rear Lever Stopper             | 25- 14            |
| A267 2861 | Bottom Plate                   | 25- 9             |
| A267 2861 | Bottom Plate                   | 27- 9             |
| A267 2864 | Roller Bracket                 | 27- 20            |
| A267 2864 | Roller Bracket                 | 25- 20            |
| A267 2865 | Shaft - Roller                 | 27- 19            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| A267 2865 | Shaft - Roller                 | 25- 19             |
| A267 2866 | Upper Slider                   | 25- 8              |
| A267 2866 | Upper Slider                   | 27- 8              |
| A267 2868 | Spring Plate                   | 25- 24             |
| A267 2868 | Spring Plate                   | 27- 24             |
| A267 2869 | Gear - 16Z                     | 27- 11             |
| A267 2869 | Gear - 16Z                     | 25- 11             |
| A267 2873 | Bracket - Paper Size Sensor    | 17- 1              |
| A267 2874 | Base Slider                    | 25- 6              |
| A267 2874 | Base Slider                    | 27- 6              |
| A267 2875 | Spring Plate - Slider          | 27- 32             |
| A267 2875 | Spring Plate - Slider          | 25- 30             |
| A267 2878 | Spring Plate - Grounding       | 25- 13             |
| A267 2878 | Spring Plate - Grounding       | 27- 13             |
| A267 2881 | Dial - Special Paper           | 27- 29             |
| A267 2882 | Sensor Bracket - Special Paper | 19- 6              |
| A267 2884 | Front Side Fence               | 27- 31             |
| A267 2884 | Front Side Fence               | 25- 29             |
| A267 2885 | Rear Side Fence                | 25- 32             |
| A267 2885 | Rear Side Fence                | 27- 35             |
| A267 2892 | Decal - Paper Set Direction    | 55- 1              |
| A267 2892 | Decal - Paper Set Direction    | 25- 26             |
| A267 2892 | Decal - Paper Set Direction    | 27- 26             |
| A267 2893 | Decal - Paper Tray             | 55- 2              |
| A267 2897 | Shield - Side Fence            | 25- 27             |
| A267 2897 | Shield - Side Fence            | 27- 27             |
| A267 2898 | Sheet - Paper Tray Holder      | 25- 28             |
| A267 2898 | Sheet - Paper Tray Holder      | 27- 28             |
| A267 2899 | Sponge - Paper Feed Tray       | 27- 1              |
| A267 2899 | Sponge - Paper Feed Tray       | 25- 1              |
| A267 2900 | Seal - End Fence               | 25- 31             |
| A267 2900 | Seal - End Fence               | 27- 33             |
| A267 2908 | Bracket - Paper Tray Holder    | 35- 4              |
| A267 2916 | Bracket - Heater Harness       | 35- 38             |
| A267 3452 | Quenching Lamp                 | 23- 13             |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| A267 3461 | Receptacle - Change Roller         | 43- 5              |
| A267 3500 | Toner Supply Unit Ass'y (RIC 120V) | 21- 2              |
| A267 3550 | Case - Toner Supply Ass'y          | 21- 6              |
| A267 3560 | Cover - Toner Supply Unit (RIC)    | 21- 10             |
| A267 3605 | Cam - Handle                       | 21- 3              |
| A267 3855 | Cover - Transfer Unit              | 13- 26             |
| A267 3857 | Right Cover                        | 13- 1              |
| A267 3861 | Terminal - Transfer Roller         | 13- 19             |
| A267 3862 | Terminal - Separation              | 13- 20             |
| A267 3871 | Lever - Transfer/Separation Unit   | 13- 16             |
| A267 3882 | Transfer Roller                    | 13- 13             |
| A267 3901 | ID Sensor                          | 13- 2              |
| A267 3905 | Cover - ID Sensor                  | 13- 25             |
| A267 3921 | Grounding Terminal                 | 13- 9              |
| A267 3931 | Shutter Lever                      | 13- 3              |
| A267 3941 | Band - Vertical Transport Cover    | 13- 22             |
| A267 3950 | Receptacle - Transfer/Sprtion Unit | 43- 13             |
| A267 3958 | Roller - Lever                     | 33- 4              |
| A267 4056 | C Ring - Hot Roller                | 29- 11             |
| A267 4066 | Spring - Hot Roller                | 29- 17             |
| A267 4072 | Lower Frame - Fusing Unit          | 31- 20             |
| A267 4075 | Shielding Plate - Harness          | 29- 19             |
| A267 4076 | Spacer - Safety Switch             | 31- 16             |
| A267 4081 | Tension Spring - Pressure Lever    | 31- 8              |
| A267 4082 | Pressure Lever                     | 31- 9              |
| A267 4083 | Sub Pressure Lever                 | 31- 7              |
| A267 4085 | Fusing Entrance Guide              | 31- 17             |
| A267 4091 | Terminal Plate - Thermofuse        | 31- 14             |
| A267 4092 | Terminal Plate - Fusing Lamp       | 29- 10             |
| A267 4101 | Bracket - Fushing Stripper         | 29- 6              |
| A267 4103 | Spring - Fusing Stripper           | 29- 4              |
| A267 4111 | Shaft - Fusing Pressure            | 31- 4              |
| A267 4112 | Grip - Fusing Pressure             | 31- 1              |
| A267 4113 | Front Lever - Pressure Roller      | 31- 2              |
| A267 4114 | Tension Spring - Pressure Roller   | 29- 3              |

| Part No.  | Description                         | Page and Index No. |
|-----------|-------------------------------------|--------------------|
| A267 4115 | Rear Lever - Pressure Roller        | 31- 5              |
| A267 4121 | Front Side Plate - Fusing Unit      | 31- 3              |
| A267 4125 | Rear Side Plate - Fusing Unit       | 31- 6              |
| A267 4133 | Termofuse                           | 31- 13             |
| A267 4151 | Upper Frame - Fusing Unit           | 29- 1              |
| A267 4161 | Knob Screw                          | 29- 18             |
| A267 4452 | Stay - Paper Exit                   | 33- 5              |
| A267 4454 | Guide Plate - Paper Exit            | 33- 23             |
| A267 4474 | Spring Plate - Tension Roller       | 33- 17             |
| A267 4476 | Feeler - Paper Feed Sensor          | 33- 9              |
| A267 4478 | Feeler - Paper Overflow             | 33- 15             |
| A267 4479 | Shaft - Paper Overflow              | 33- 16             |
| A267 4483 | Spring Plate - Tension Roller       | 33- 20             |
| A267 4486 | Stopper                             | 33- 18             |
| A267 4487 | Outer Stopper                       | 33- 21             |
| A267 5156 | PCU Detector Board                  | 37- 11             |
| A267 5207 | Relay Harness - Paper Exit Section  | 33- 11             |
| A267 5215 | Relay Harness - Paper End Sensor    | 17- 8              |
| A267 5215 | Relay Harness - Paper End Sensor    | 19- 14             |
| A267 5222 | Harness - Sync.Detector             | 11- 17             |
| A267 5224 | Harness - Polygon Mirror Motor      | 11- 12             |
| A267 5229 | Harness - AC Switch                 | 41- 20             |
| A267 5236 | Relay Harness - ID Sensor           | 39- 12             |
| A267 5237 | Relay Harness - Registration Sensor | 23- 16             |
| A267 5730 | Power Pack - BCTD                   | 43- 8              |
| A267 5812 | Bracket - Door Switch               | 45- 3              |
| A267 5813 | Bracket - Micro Switch              | 45- 4              |
| A267 5815 | Lever - Door Switch                 | 45- 1              |
| A267 5820 | Compression Spring                  | 45- 2              |
| A267 5821 | Tension Spring - Door Switch        | 45- 5              |
| A267 5822 | Main Switch Ass'y                   | 41- 19             |
| A267 5824 | Bracket - Harness                   | 37- 1              |
| A267 5826 | Connector Bracket - Bypass Feed     | 37- 5              |
| A267 7343 | Paper Size Detector - 1             | 25- 25             |
| A267 7344 | Paper Size Detector - 2             | 27- 25             |

| Part No.  | Description                   | Page and Index No |
|-----------|-------------------------------|-------------------|
| A267 7351 | Decal - Special Paper         | 55- 5             |
| A267 7351 | Decal - Special Paper         | 27- 30            |
| A267 7352 | Decal - Side Fence            | 27- 34            |
| A267 7440 | Bracket - Toner Supply Motor  | 21- 12            |
| A267 7470 | Toner Supply Unit (SVN)       | 21- 2             |
| A267 7480 | Toner Supply Unit Cover (OEM) | 21- 10            |
| A548 6121 | Screw - M4                    | 9- 14             |

| Part No.  | Description          | Page and Index No. |
|-----------|----------------------|--------------------|
| 5203 9501 | Grease 501           | 57- 4              |
| 5206 2686 | Snap Ring            | 15- 15             |
| 5214 4975 | Decal - High Voltage | 13- 28             |
| 5215 2621 | Snap Ring - M6       | 23- 12             |

| Part No.   | Description                    | Page and Index No |
|------------|--------------------------------|-------------------|
| 0313 0350B | Philips Pan Head Screw - M3x35 | 45-103            |
| 0314 0300B | Philips Pan Head Screw - M4x30 | 45-105            |
| 0353 0100Z | Bind Screw - M3x10             | 41-104            |
| 0450 3008B | Tapping Screw - M3x8           | 31-102            |
| 0450 3008B | Tapping Screw - M3x8           | 7-102             |
| 0450 3008B | Tapping Screw - M3x8           | 13-101            |
| 0450 3010B | Tapping Screw - M3x10          | 29-103            |
| 0450 3010B | Tapping Screw - M3x10          | 31-104            |
| 0450 4008B | Tapping Screw - 4x8            | 27-101            |
| 0450 4008B | Tapping Screw - 4x8            | 25-101            |
| 0451 3006B | Tapping Screw - M3x6           | 21-101            |
| 0451 3006B | Tapping Screw - M3x6           | 31-103            |
| 0451 3006B | Tapping Screw - M3x6           | 23-101            |
| 0451 3006B | Tapping Screw - M3x6           | 29-101            |
| 0451 3006B | Tapping Screw - M3x6           | 19-101            |
| 0451 3006B | Tapping Screw - M3x6           | 43-101            |
| 0451 3006B | Tapping Screw - M3x6           | 33-102            |
| 0451 3006B | Tapping Screw - M3x6           | 35-101            |
| 0451 3006B | Tapping Screw - M3x6           | 39-101            |
| 0451 3006B | Tapping Screw - M3x6           | 37-101            |
| 0451 3006B | Tapping Screw - M3x6           | 17-101            |
| 0451 3006B | Tapping Screw - M3x6           | 15-101            |
| 0451 3006B | Tapping Screw - M3x6           | 13-102            |
| 0451 3006B | Tapping Screw - M3x6           | 41-101            |
| 0451 3008B | Tapping Screw - M3x8           | 7-103             |
| 0451 3008B | Tapping Screw - M3x8           | 35-105            |
| 0451 3008B | Tapping Screw - M3x8           | 11-104            |
| 0451 3008B | Tapping Screw - M3x8           | 29-106            |
| 0451 3008H | Tapping Screw - 3x8            | 9-101             |
| 0451 3008H | Tapping Screw - 3x8            | 37-107            |
| 0451 3008H | Tapping Screw - 3x8            | 7-101             |
| 0451 3008H | Tapping Screw - 3x8            | 41-103            |
| 0451 3008H | Tapping Screw - 3x8            | 43-104            |
| 0451 3008H | Tapping Screw - 3x8            | 35-103            |
| 0451 3030B | Tapping Screw - 3x30           | 35-108            |

| Part No.   | Description                      | Page and Index No. |
|------------|----------------------------------|--------------------|
| 0451 3030B | Tapping Screw - 3x30             | 17-102             |
| 0451 4006B | Tapping Screw - 4x6              | 27-102             |
| 0451 4008B | Philips Tapping Screw - M4x8     | 15-105             |
| 0452 3008B | Tapping Screw - M3x8             | 21-102             |
| 0452 3008B | Tapping Screw - M3x8             | 23-102             |
| 0452 3008B | Tapping Screw - M3x8             | 11-103             |
| 0452 3010B | Tapping Bind Screw - M3x10       | 11-101             |
| 0453 4006B | Tapping Screw - 4x6              | 25-102             |
| 0720 0030E | Retaining Ring - M3              | 27-103             |
| 0720 0030E | Retaining Ring - M3              | 25-103             |
| 0720 0030E | Retaining Ring - M3              | 29-105             |
| 0720 0030E | Retaining Ring - M3              | 15-102             |
| 0720 0040E | Retaining Ring - M4              | 9-102              |
| 0720 0040E | Retaining Ring - M4              | 35-102             |
| 0720 0040E | Retaining Ring - M4              | 33-104             |
| 0720 0040E | Retaining Ring - M4              | 37-108             |
| 0720 0040E | Retaining Ring - M4              | 19-103             |
| 0720 0040E | Retaining Ring - M4              | 17-103             |
| 0720 0060E | Retaining Ring - M6              | 35-110             |
| 0720 0060E | Retaining Ring - M6              | 25-104             |
| 0720 0060E | Retaining Ring - M6              | 37-104             |
| 0720 0060E | Retaining Ring - M6              | 29-104             |
| 0720 0060E | Retaining Ring - M6              | 39-102             |
| 0720 0060E | Retaining Ring - M6              | 27-104             |
| 0801 0149  | Philips Pan Head Screw - M4x6    | 41-107             |
| 0801 0150  | Philips Screw - M4x8             | 35-107             |
| 0802 5276  | Tapping Screw With Waser - M3x6  | 33-101             |
| 0802 5276  | Tapping Screw With Waser - M3x6  | 45-102             |
| 0802 5276  | Tapping Screw With Waser - M3x6  | 37-105             |
| 0802 5276  | Tapping Screw With Waser - M3x6  | 43-102             |
| 0802 5279  | Tapping Screw With Washer - M3x8 | 39-103             |
| 0802 5279  | Tapping Screw With Washer - M3x8 | 37-109             |
| 0802 5283  | Tapping Screw - M4x8             | 33-105             |
| 0804 6075  | Hexagonal Bolt - M3x8            | 41-106             |
| 0805 0083  | Retaining Ring - M4              | 27-105             |

| Part No.   | Description                           | Page and Index No. |
|------------|---------------------------------------|--------------------|
| 0805 0083  | Retaining Ring - M4                   | 25-105             |
| 0805 3480  | Bushing - 6mm                         | 33-103             |
| 0951 3004B | Philps Screw With Flat Washer -m3x4   | 17-106             |
| 0951 3008B | Philips Screw With Flat Washer - M3x8 | 43-105             |
| 0954 3006B | Screw - M3X6                          | 31-101             |
| 0954 3006B | Screw - M3X6                          | 29-102             |
| 0954 3010B | Philips Screw - M3x10                 | 31-105             |
| 1102 4201  | Connector - 2P                        | 53-101             |
| 1102 4202  | Connector - 3P                        | 53-102             |
| 1102 4203  | CT Header - 4P                        | 53-103             |
| 1102 4204  | CT Header - 5P                        | 53-104             |
| 1102 4206  | Connector - 7P                        | 53-105             |
| 1102 4207  | Connector - 8P                        | 53-106             |
| 1102 4209  | CT Header - 10P                       | 53-107             |
| 1102 4210  | Connector - 11P                       | 53-108             |
| 1102 4497  | Connector - 13P                       | 53-109             |
| 1102 4627  | Connector - 10P                       | 53-110             |
| 1102 4629  | Connector - 12P                       | 53-111             |
| 1102 4651  | Connector - 10P                       | 53-112             |
| 1102 5007  | CT Header - 14P                       | 53-113             |
| 1102 5303  | Connector - 4P                        | 53-114             |
| 1102 5304  | Connector - 5P                        | 53-115             |
| 1102 5307  | Connector - 2P                        | 53-116             |
| 1102 5409  | Connector - 20P                       | 49-101             |
| 1102 5894  | Connector - 68P                       | 53-117             |
| 1102 6019  | Connector - FCN685J036-I/YA           | 49-102             |
| 1102 6304  | Connector - 11P                       | 53-118             |
| 1102 6305  | Connector - 12P                       | 53-119             |
| 1102 6319  | Connector - 12P                       | 53-120             |
| 1102 6403  | Connector - 30P                       | 53-121             |
| 1102 7358  | Connector - 80P                       | 49-103             |
| 1102 7585  | DIMM Connector - 93764-51872          | 49-104             |
| 1102 7672  | Connector - 54111-1615                | 37-106             |
| 1102 7717  | Connector - TX24-30R-12ST-H1          | 53-122             |
| 1102 8084  | Connector - DF11-32DP-2DSA(08)        | 53-123             |

| Part No.  | Description                              | Page and Index No. |
|-----------|------------------------------------------|--------------------|
| 1102 8090 | Connector - TX25-30P-12ST-N1             | 49-105             |
| 1102 8153 | IC Card Connector - FCN-568P068-G/05A-V4 | 49-106             |
| 1102 8189 | DIMM Connector - 54534-1440              | 49-107             |
| 1104 0588 | Dip Socket - 28p                         | 49-108             |
| 1104 0764 | IC Socket-8pin                           | 53-124             |
| 1105 0283 | Clamp                                    | 35-109             |
| 1105 0283 | Clamp                                    | 23-103             |
| 1105 0283 | Clamp                                    | 19-105             |
| 1105 0283 | Clamp                                    | 39-104             |
| 1105 0283 | Clamp                                    | 17-105             |
| 1105 0291 | Harness Clamp - LWS-3S                   | 41-111             |
| 1105 0292 | Wire Saddle                              | 41-109             |
| 1105 0329 | Clamp - ES-0510                          | 17-104             |
| 1105 0329 | Clamp - ES-0510                          | 19-104             |
| 1105 0329 | Clamp - ES-0510                          | 43-103             |
| 1105 0329 | Clamp - ES-0510                          | 15-104             |
| 1105 0329 | Clamp - ES-0510                          | 35-106             |
| 1105 0334 | Edge - 17                                | 45-107             |
| 1105 0334 | Edge - 17                                | 41-105             |
| 1105 0415 | Spacer - 12.7mm                          | 27-106             |
| 1105 0460 | Clamp                                    | 15-103             |
| 1105 0460 | Clamp                                    | 35-111             |
| 1105 0460 | Clamp                                    | 41-102             |
| 1105 0460 | Clamp                                    | 37-102             |
| 1105 0460 | Clamp                                    | 39-105             |
| 1105 0460 | Clamp                                    | 23-104             |
| 1105 0487 | Harness Clamp                            | 11-102             |
| 1105 0487 | Harness Clamp                            | 41-110             |
| 1105 0487 | Harness Clamp                            | 35-104             |
| 1105 0487 | Harness Clamp                            | 45-106             |
| 1105 0488 | Harness Clamp                            | 37-103             |
| 1105 0501 | Harness Clamp - RLMC-05TV0               | 19-102             |
| 1105 0501 | Harness Clamp - RLMC-05TV0               | 17-107             |
| 1107 0354 | Fuse - 3.15A 125V (120V)                 | 41-114             |
| 1107 0388 | Fuse - 2A 125V (120V)                    | 41-116             |

| Part No.  | Description                 | Page and Index No. |
|-----------|-----------------------------|--------------------|
| 1107 0390 | Fuse - 4A 125V (120V)       | 41-115             |
| 1107 0393 | Fuse - 8A 125V (120V)       | 41-113             |
| 1107 0629 | Fuse - 15A 125V (120V)      | 41-112             |
| 1107 0727 | Fuse - K19374/4A            | 53-125             |
| 1107 0748 | Fuse - 2A, 250V (230V)      | 41-116             |
| 1107 0750 | Fuse - 3.15A 250V (230V)    | 41-113             |
| 1107 0750 | Fuse - 3.15A 250V (230V)    | 41-114             |
| 1107 0751 | Fuse - 4A 250V (230V)       | 41-115             |
| 1109 0014 | Transistor - RGE500         | 53-126             |
| 1204 2368 | Dip Switch - DSS804         | 49-109             |
| 1204 2477 | Locker Switch - AC250V 10A  | 41-108             |
| 1204 2510 | Micro Switch                | 45-104             |
| 1400 0448 | Transistor - 2SC2712-GR     | 53-127             |
| 1400 0700 | Transistor - DTD133HK       | 53-128             |
| 1400 0753 | Transistor - DTC114VKA      | 53-129             |
| 1401 0303 | IC - TD62308AP              | 53-130             |
| 1402 1336 | Diode - 1SS355              | 53-131             |
| 1402 1380 | Diode - PTZ 6.2A            | 53-132             |
| 1402 1491 | Diode - RB471E              | 53-133             |
| 1403 0894 | LED Sml-010lt               | 53-134             |
| 1403 0895 | LED Sml-010mt               | 53-135             |
| 1403 0953 | LED SML-310MT               | 49-110             |
| 1407 1600 | TTLIC - SN74LS244NS         | 53-136             |
| 1407 1741 | TTL - SN74LS32NS            | 53-137             |
| 1407 2052 | TTLIC - SN74LS74ANS         | 53-138             |
| 1407 2080 | IC - SN74LS21NS             | 53-139             |
| 1407 2187 | TTLIC - SN74LS07NS          | 53-140             |
| 1407 2218 | TTLIC - SN74LS06NS          | 53-141             |
| 1407 2219 | IC - TD62003AP              | 53-142             |
| 1407 3357 | Comparator - BA10393F       | 53-143             |
| 1407 4678 | Eeprom Br93lc56a            | 53-144             |
| 1407 4730 | SRAM STK12C68-W45           | 49-111             |
| 1407 4754 | IC - HD6413002F16           | 53-145             |
| 1407 4786 | CMOS IC - TC74ACT273F       | 49-112             |
| 1407 4827 | IC - MBM29F400BC-70PFTN-SFK | 53-146             |

| Part No.  | Description                             | Page and Index No. |
|-----------|-----------------------------------------|--------------------|
| 1407 4876 | CMOS IC - 74VHC244 TSSOP                | 49-113             |
| 1407 4919 | CMOS IC - 74VHCT244 TSSOP               | 49-114             |
| 1407 5040 | IC - SN74LVC161284DL                    | 49-115             |
| 1407 5087 | CMOS IC - SN74LVCH16245ADGG             | 49-116             |
| 1407 5104 | IC - UPD30210GD-167-MBB                 | 49-117             |
| 1407 5122 | CMOS IC - TC74ACT374FT                  | 49-118             |
| 1407 5125 | Flash Memory - MBM29P1160TD-75PFTN      | 49-119             |
| 1407 5164 | IC - W166G                              | 49-120             |
| 1407 5174 | CMOS IC - SN74LVC04APW                  | 49-121             |
| 1408 0575 | IC - M51957BFP                          | 53-147             |
| 1408 0595 | IC - NJM2904M                           | 53-148             |
| 1408 0611 | IC - 3771                               | 49-122             |
| 1408 1204 | IC - TA8083P                            | 53-149             |
| 1408 1454 | IC - LM1085IS-3.3                       | 49-123             |
| 1503 0863 | Oscillator - 14.7456mhz                 | 53-150             |
| 1503 0865 | Oscillator - 9.8304MHZ                  | 53-151             |
| 1503 0913 | Crystal Oscillator - 63.90959mhz        | 49-124             |
| 1601 5237 | Resistor - 220 $\Omega$ $\pm$ 5%        | 53-152             |
| 1601 7752 | Resistor Array - 10K $\Omega$ $\pm$ 5%  | 49-125             |
| 1601 7752 | Resistor Array - 10K $\Omega$ $\pm$ 5%  | 53-153             |
| 1601 7753 | Resistor - 47 $\Omega$ $\pm$ 5%         | 49-126             |
| 1601 7760 | Resistor Array                          | 49-127             |
| 1601 7760 | Resistor Array                          | 53-154             |
| 1601 7791 | Resistor Array - 1K $\Omega$ $\pm$ 5%   | 53-155             |
| 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W   | 53-156             |
| 1601 7867 | Resistor - 33 $\Omega$ $\pm$ 5% 1/16W   | 49-128             |
| 1601 7869 | Resistor - 1.2K $\Omega$ $\pm$ 5% 1/16W | 49-129             |
| 1601 7871 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W   | 49-130             |
| 1601 7892 | Resistor - 120 $\Omega$ $\pm$ 5% 1/16W  | 49-131             |
| 1601 7895 | Resistor - 180 $\Omega$ $\pm$ 5% 1/16W  | 49-132             |
| 1604 4333 | Capacitor - 100 $\mu$ F $\pm$ 20% 10V   | 49-133             |
| 1604 4428 | Capacitor 100 $\mu$ F 20% 16V           | 49-134             |
| 1604 4692 | Capacitor - 220mF $\pm$ 20% 16V         | 49-135             |
| 1605 0577 | Capacitor - 0.33 $\mu$ F +80-20%        | 53-157             |

| Part No.  | Description                             | Page and Index No |
|-----------|-----------------------------------------|-------------------|
| 1605 0912 | Capacitor - 0.082 $\mu$ F $\pm$ 10% 25V | 49-136            |
| 1605 0989 | Capacitor - 0.22mF +80 -20% 16V         | 49-137            |
| 1607 0939 | Filter-nfm41p11c204                     | 53-158            |
| 1607 0978 | Inductor - BLM21P300SPB                 | 49-138            |
| 1607 1106 | IC - LC0805L473M                        | 53-159            |
| 1607 1124 | Filter - BLM11A471SGPB                  | 49-139            |
| 1607 1161 | Filter - NFM39R12C223                   | 49-140            |
| 1630 1101 | Resistor - 100 $\Omega$ 1/4W $\pm$ 5%   | 53-160            |
| 1630 2391 | Resistor - 390 $\Omega$ 1/8W            | 53-161            |
| 1630 3101 | Resistor - 100 $\Omega$ - 1/10W         | 53-162            |
| 1630 3102 | Resistor - 1K $\Omega$ 1/10W $\pm$ 5%   | 53-163            |
| 1630 3103 | Resistor - 10K $\Omega$ 1/10W $\pm$ 5%  | 53-164            |
| 1630 3104 | Resistor - 100K $\Omega$ 1/10W $\pm$ 5% | 53-165            |
| 1630 3105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W   | 53-166            |
| 1630 3680 | Resistor - 68 $\Omega$ $\pm$ 5% 1/10W   | 53-167            |
| 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W   | 53-168            |
| 1630 4100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/16W   | 49-141            |
| 1630 4102 | Resistor - 1.0K $\Omega$ $\pm$ 5% 1/16W | 53-169            |
| 1630 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/16W  | 49-142            |
| 1630 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/16W  | 53-170            |
| 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W  | 53-171            |
| 1630 4104 | Resistor - 100 $\Omega$ $\pm$ 5% 1/16W  | 49-143            |
| 1630 4121 | Resistor - 120 $\Omega$ $\pm$ 5% 1/16W  | 49-144            |
| 1630 4122 | Resistor - 1.2K $\Omega$ 5% 1/16W       | 49-145            |
| 1630 4124 | Resistor - 120K $\Omega$ $\pm$ 5%1/16W  | 49-146            |
| 1630 4181 | Resistor - 180 $\Omega$ $\pm$ 5% 1/16W  | 49-147            |
| 1630 4221 | Resistor - 220 $\Omega$ $\pm$ 5% 1/16W  | 49-148            |
| 1630 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%       | 53-172            |
| 1630 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%       | 49-149            |
| 1630 4243 | Resistor - 24K $\Omega$ $\pm$ 5% 1/16W  | 53-173            |
| 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W    | 53-174            |
| 1630 4330 | Resistor - 33 $\Omega$ $\pm$ 5% 1/8W    | 49-150            |
| 1630 4332 | Resistor - 3.3K $\Omega$ $\pm$ 5% 1/16W | 53-175            |

| Part No.  | Description                               | Page and Index No. |
|-----------|-------------------------------------------|--------------------|
| 1630 4470 | Resistor - 470 $\Omega$ $\pm 5\%$ 1/16W   | 49-151             |
| 1630 4471 | Resistor - 470 $\Omega$ $\pm 5\%$ 1/16W   | 53-176             |
| 1630 4472 | Resistor - 4.7K $\Omega$ $\pm 5\%$ 1/16W  | 53-177             |
| 1630 4472 | Resistor - 4.7K $\Omega$ $\pm 5\%$ 1/16W  | 49-152             |
| 1630 4519 | Resistor - 5.1 $\Omega$ $\pm 5\%$ 1/16W   | 49-153             |
| 1630 4560 | Resistor - 56 $\Omega$ $\pm 5\%$ 1/16W    | 49-154             |
| 1630 4680 | Resistor - 68 $\Omega$ $\pm 5\%$ 1/16W    | 49-155             |
| 1630 4681 | Resistor - 680 $\Omega$ $\pm 5\%$ 1/16W   | 49-156             |
| 1630 4820 | Resistor - 82 $\Omega$ $\pm 5\%$ 1/16W    | 49-157             |
| 1633 2871 | Resistor - 2.87K $\Omega$ $\pm 1\%$ 1/10W | 53-178             |
| 1633 5601 | Resistor - 506K $\pm 1\%$ 1/10W           | 53-179             |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W               | 49-158             |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W               | 53-180             |
| 1634 1002 | Resistor - 10 $\Omega$ $\pm 5\%$ 1/16W    | 53-181             |
| 1634 3921 | Resistor - 3.92K $\Omega$ $\pm 1\%$ 1/1   | 53-182             |
| 1640 5101 | Capacitor - 100 $\mu$ F $\pm 20\%$ 50V    | 53-183             |
| 1642 1101 | Capacitor - 100 $\mu$ F $\pm 20\%$ 16V    | 53-184             |
| 1643 1100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 16V     | 53-185             |
| 1643 5100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 50V     | 53-186             |
| 1644 0220 | Capacitor - 22 $\mu$ F $\pm 20\%$ 10V     | 49-159             |
| 1644 1100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 16V     | 49-160             |
| 1660 0100 | Capacitor - 10PF $\pm 0.5$ pF 50V         | 53-187             |
| 1660 2120 | Capacitor - 12 pF $\pm 5\%$ 50V           | 53-188             |
| 1660 2221 | Capacitor - 220pF +80-20% 50V             | 49-161             |
| 1660 2330 | Capacitor - 33pF - $\pm 5\%$ - 50V        | 49-162             |
| 1660 2470 | Capacitor - 47pF $\pm 5\%$ 50V            | 49-163             |
| 1660 2471 | Capacitor - 470pF - $\pm 5\%$ - 50V       | 49-164             |
| 1660 2680 | Capacitor - 68pF $\pm 5\%$ 50V            | 49-165             |
| 1660 3330 | Capacitor - 33pF $\pm 5\%$ 50V            | 53-189             |
| 1660 3471 | Capacitor - 470pF 50V                     | 53-190             |
| 1660 4102 | Capacitor - 1000pF $\pm 10\%$ 50V         | 49-166             |
| 1660 4222 | Capacitor - 2200pF - $\pm 10\%$ - 50V     | 49-167             |
| 1660 5102 | Capacitor - 1000pF $\pm 10\%$ 50V         | 53-191             |

| Part No.  | Description                         | Page and Index No |
|-----------|-------------------------------------|-------------------|
| 1660 6103 | Capacitor - 10000pF - +80%-20%, 50V | 49-168            |
| 1660 6103 | Capacitor - 10000pF - +80%-20%, 50V | 53-192            |
| 1660 7104 | Capacitor - 100000pF 50V            | 53-193            |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V | 49-169            |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V | 53-194            |
| 1902 0041 | IC - 1M X8 70NS G10                 | 53-195            |
| 1907 0007 | SDRAM - 64M 1MX16X4 100MHz G3       | 49-170            |