

# Model AL-P1 (G179)

## PARTS CATALOG

First edition, December 2007

Ricoh Company, LTD.

**Model AL-P1 (G179)**

**PARTS CATALOG**

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

|                             |        |
|-----------------------------|--------|
| Model AL-P1                 | (G179) |
| Finisher SR3030             | (B805) |
| Punch Unit Type3260         | (B702) |
| Output Jogger Unit Type3260 | (B703) |
| Brige Unit BU3030           | (D386) |
| Paper Feed Unit PB3040      | (D351) |
| LCIT PB3050                 | (D352) |
| LCIT RT3000                 | (D353) |
| Controller Option           | (M345) |

Model AL-P1 (G179)

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### PARTS CATALOG

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

|                                       |          |
|---------------------------------------|----------|
| <b>Location of Unit.....</b>          | <b>2</b> |
| 1.Exterior 1 (G179) .....             | 8        |
| 2.Exterior 2 (G179) .....             | 10       |
| 3.LD Unit (G179).....                 | 12       |
| 4.Paper Tray (G179).....              | 14       |
| 5.Paper Feed Section (G179).....      | 16       |
| 6.By-pass Feed Section 1 (G179) ..... | 18       |
| 7.By-pass Feed Section 2 (G179) ..... | 20       |
| 8.Paper Registration (G179).....      | 22       |
| 9.Toner Supply Unit (G179).....       | 24       |
| 10.PCDU 1 (G179).....                 | 26       |
| 11.PCDU 2 (G179).....                 | 28       |
| 12.Transfer Belt Unit 1 (G179).....   | 30       |
| 13.Transfer Belt Unit 2 (G179).....   | 32       |
| 14.Fusing Unit 1 (G179).....          | 34       |
| 15.Fusing Unit 2 (G179).....          | 36       |
| 16.Fusing Unit 3 (G179).....          | 38       |
| 17.Duplex Unit 1 (G179) .....         | 40       |

|                                      |    |
|--------------------------------------|----|
| 18.Duplex Unit 2 (G179) .....        | 42 |
| 19.Duplex Unit 3 (G179) .....        | 44 |
| 20.Duplex Unit 4 (G179) .....        | 46 |
| 21.Duplex Unit 5 (G179) .....        | 48 |
| 22.Paper Exit Section 1 (G179) ..... | 50 |
| 23.Paper Exit Section 2 (G179) ..... | 52 |
| 24.Drive Section 1 (G179).....       | 54 |
| 25.Drive Section 2 (G179).....       | 56 |
| 26.Drive Section 3 (G179).....       | 58 |
| 27.Drive Section 4 (G179).....       | 60 |
| 28.Electrical Section 1 (G179) ..... | 62 |
| 29.Electrical Section 2 (G179) ..... | 64 |
| 30.Electrical Section 3 (G179) ..... | 66 |
| 31.Electrical Section 4 (G179) ..... | 68 |
| 32.Electrical Section 5 (G179) ..... | 70 |
| 33.Frame Section (G179).....         | 72 |
| 34.Controller Board (G179).....      | 74 |
| 35.BICU Board (G179).....            | 88 |

## **Model AL-P1 (G179)**

### **PARTS CATALOG**

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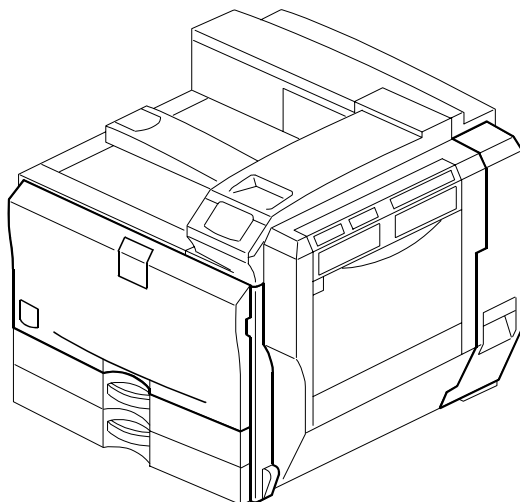
|                                     |            |
|-------------------------------------|------------|
| 36.IO Board (G179).....             | 94         |
| 37.Decals and Documents (G179)..... | 102        |
| 38.Special Tools (G179).....        | 106        |
| <b>Parts Index .....</b>            | <b>110</b> |

**December ,19 ' 2007**



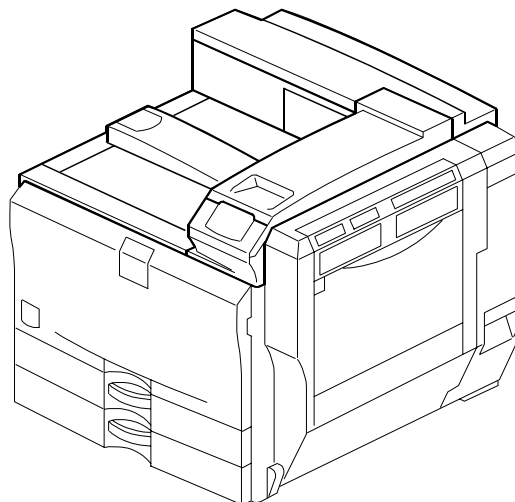
## LOCATIONS OF UNITS

1. Exterior 1 (G179)



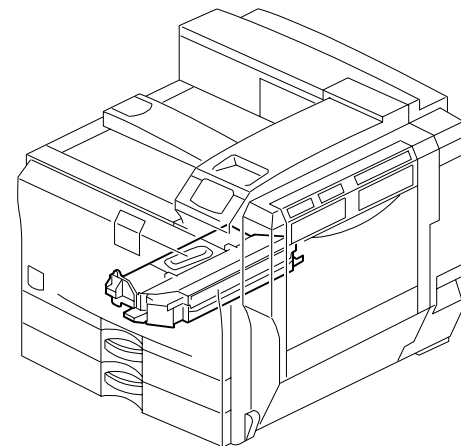
See Page 9

2. Exterior 2 (G179)



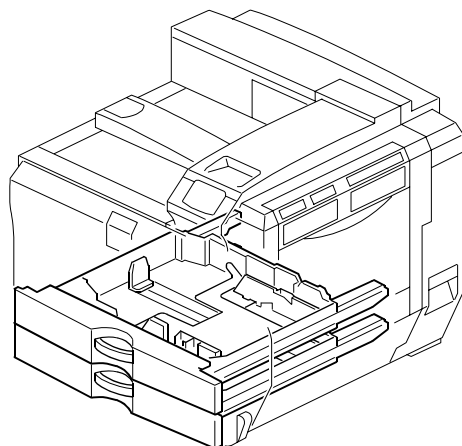
See Page 11

3. LD Unit (G179)



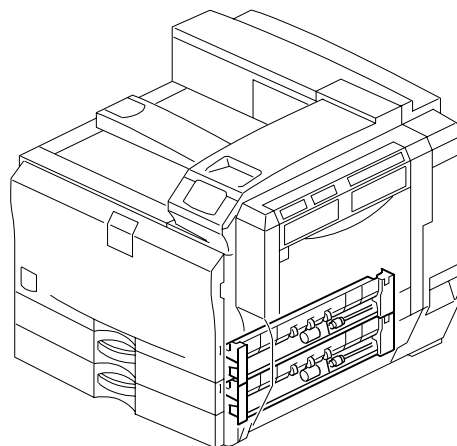
See Page 13

4. Paper Tray (G179)



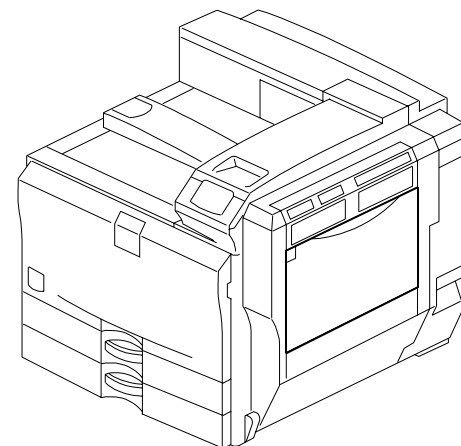
See Page 15

5. Paper Feed Section (G179)



See Page 17

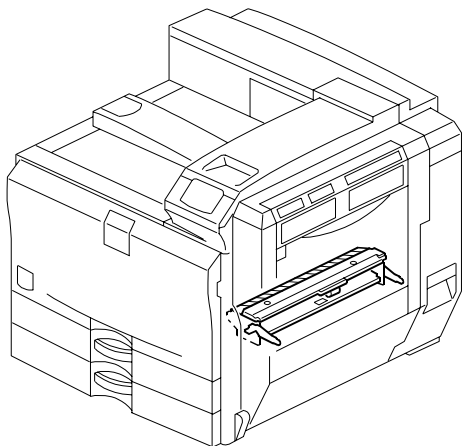
6. By-pass Feed Section 1 (G179)



See Page 19

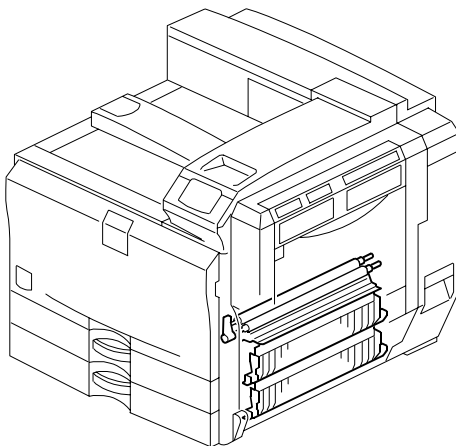
## LOCATIONS OF UNITS

7. By-pass Feed Section 2 (G179)



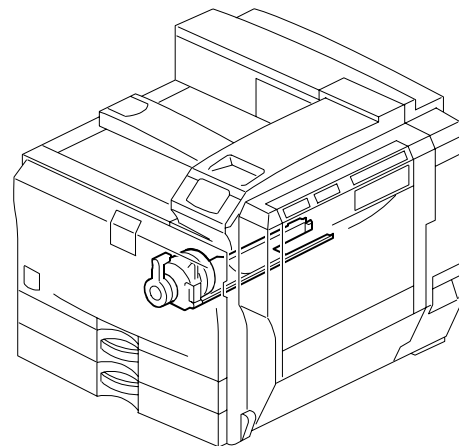
See Page 21

8. Paper Registration (G179)



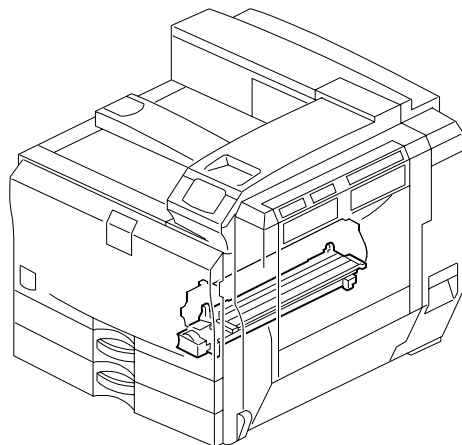
See Page 23

9. Toner Supply Unit (G179)



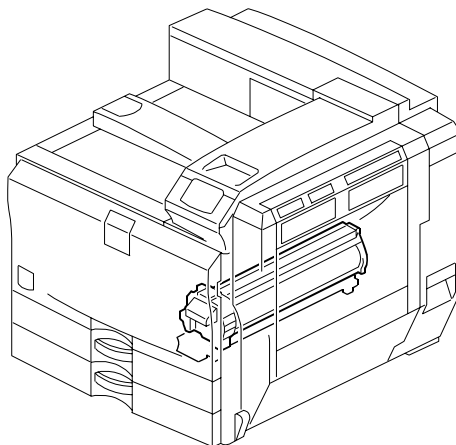
See Page 25

10. PCDU 1 (G179)



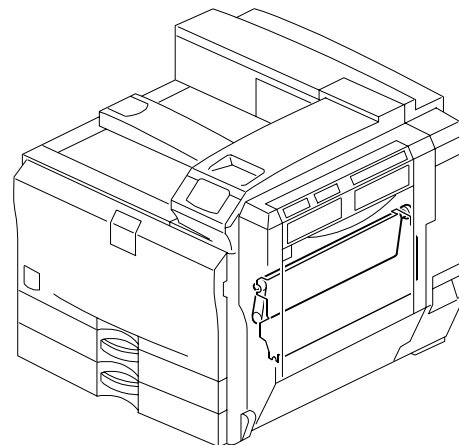
See Page 27

11. PCDU 2 (G179)



See Page 29

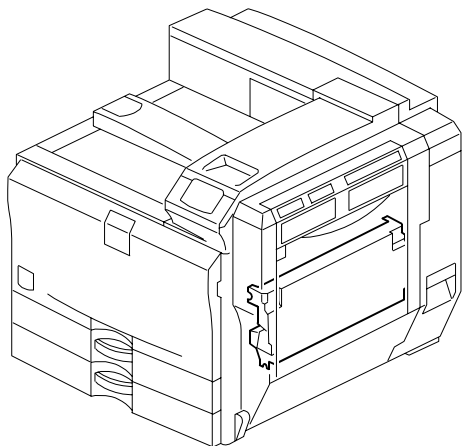
12. Transfer Belt Unit 1 (G179)



See Page 31

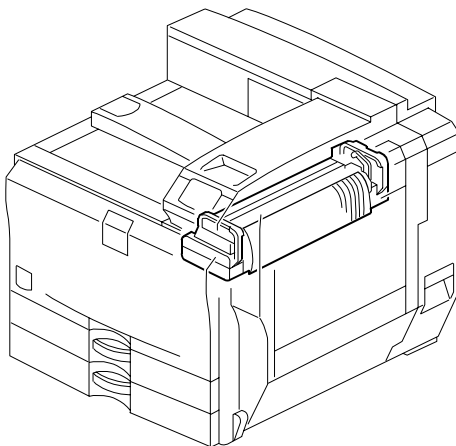
## LOCATIONS OF UNITS

13. Transfer Belt Unit 2 (G179)



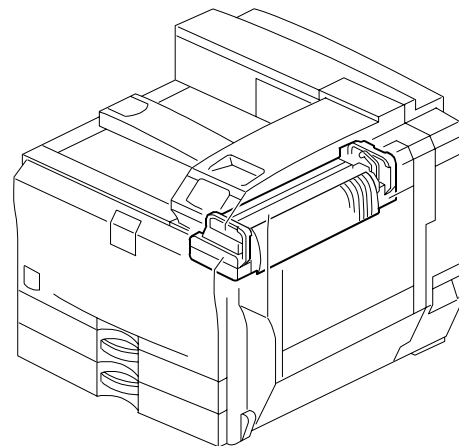
See Page 33

14. Fusing Unit 1 (G179)



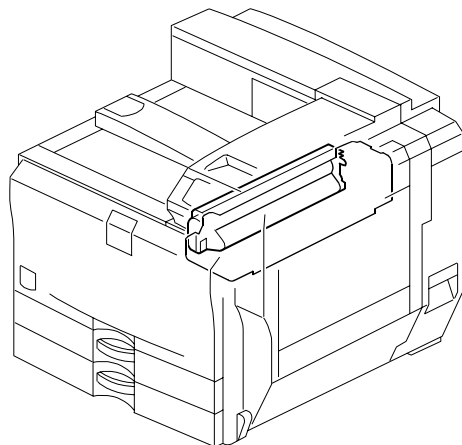
See Page 35

15. Fusing Unit 2 (G179)



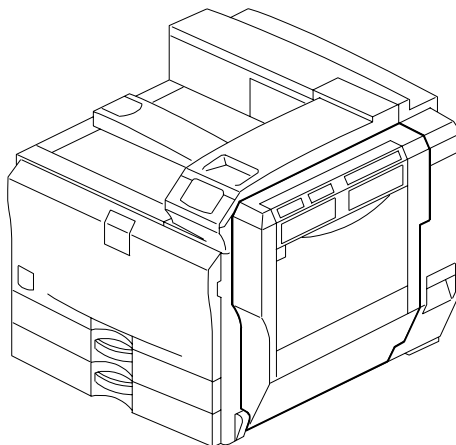
See Page 37

16. Fusing Unit 3 (G179)



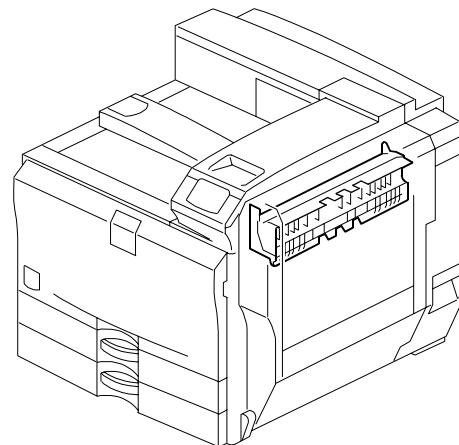
See Page 39

17. Duplex Unit 1 (G179)



See Page 41

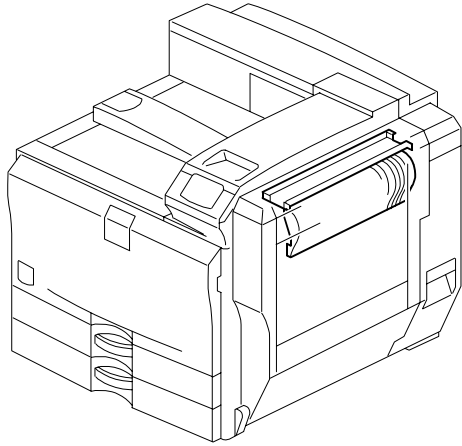
18. Duplex Unit 2 (G179)



See Page 43

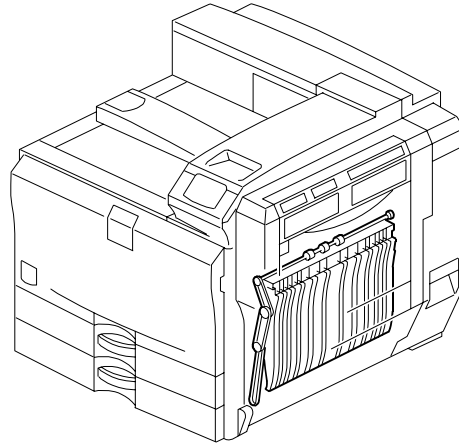
## LOCATIONS OF UNITS

19. Duplex Unit 3 (G179)



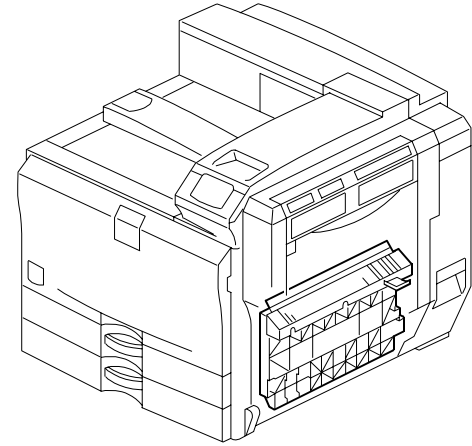
See Page 45

20. Duplex Unit 4 (G179)



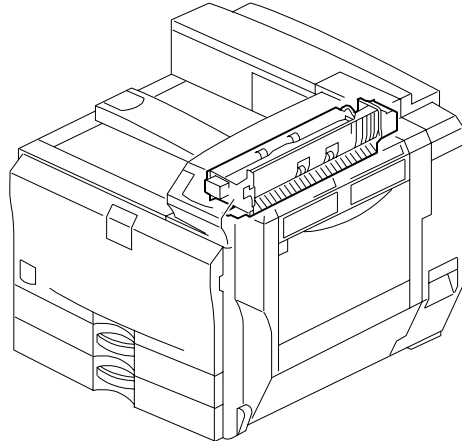
See Page 47

21. Duplex Unit 5 (G179)



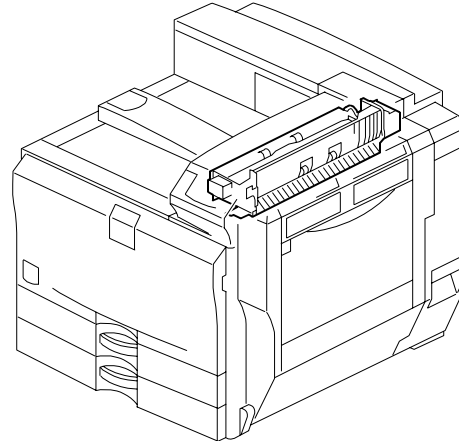
See Page 49

22. Paper Exit Section 1 (G179)



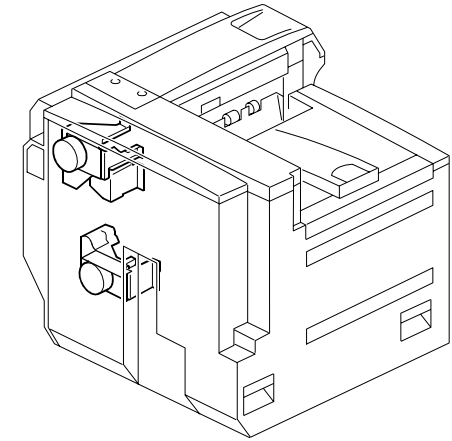
See Page 51

23. Paper Exit Section 2 (G179)



See Page 53

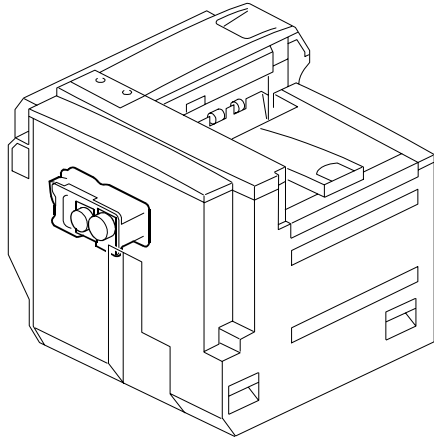
24. Drive Section 1 (G179)



See Page 55

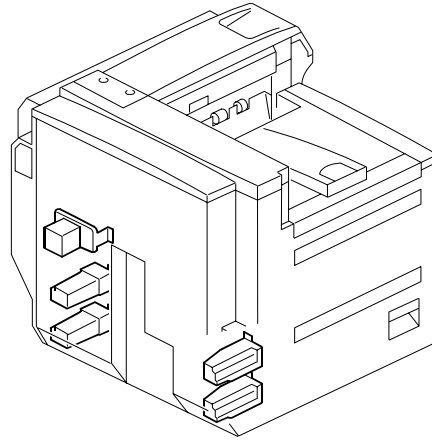
## LOCATIONS OF UNITS

25. Drive Section 2 (G179)



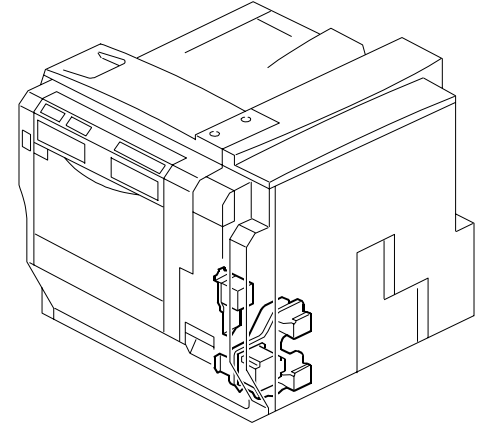
See Page 57

26. Drive Section 3 (G179)



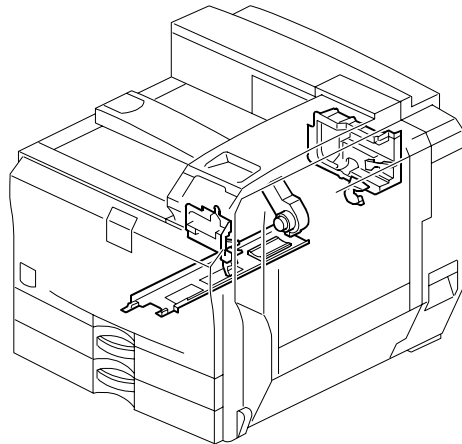
See Page 59

27. Drive Section 4 (G179)



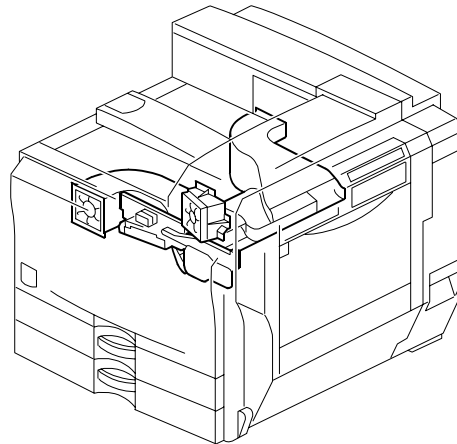
See Page 61

28. Electrical Section 1 (G179)



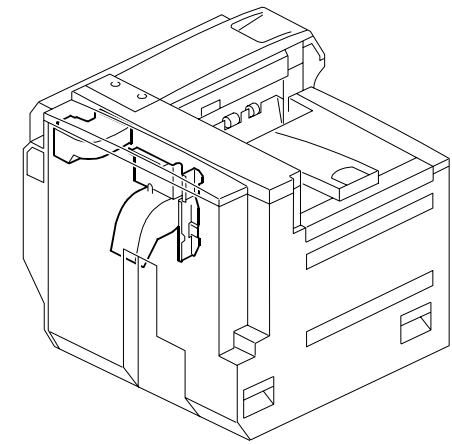
See Page 63

29. Electrical Section 2 (G179)



See Page 65

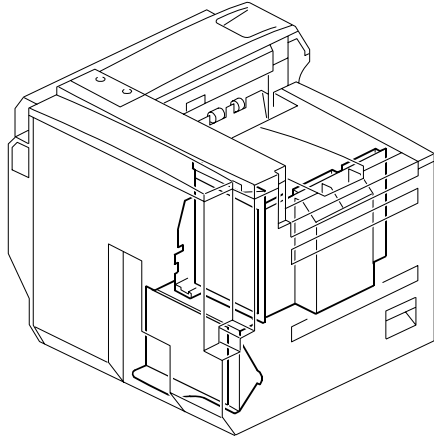
30. Electrical Section 3 (G179)



See Page 67

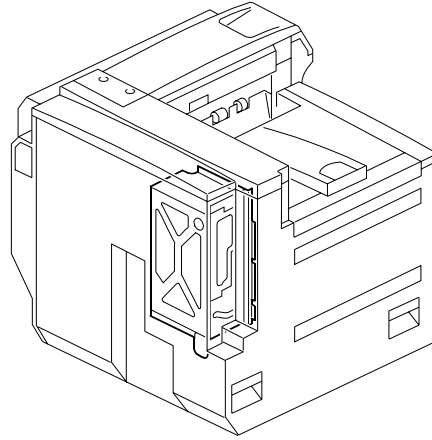
## LOCATIONS OF UNITS

31. Electrical Section 4 (G179)



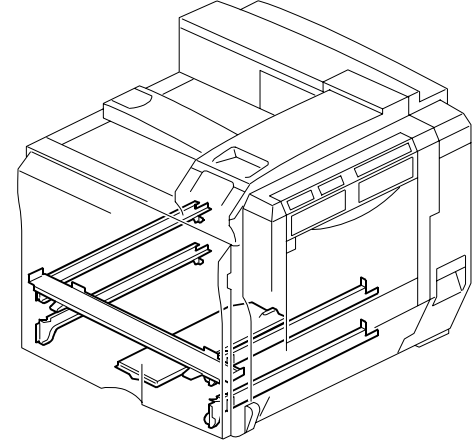
See Page 69

32. Electrical Section 5 (G179)



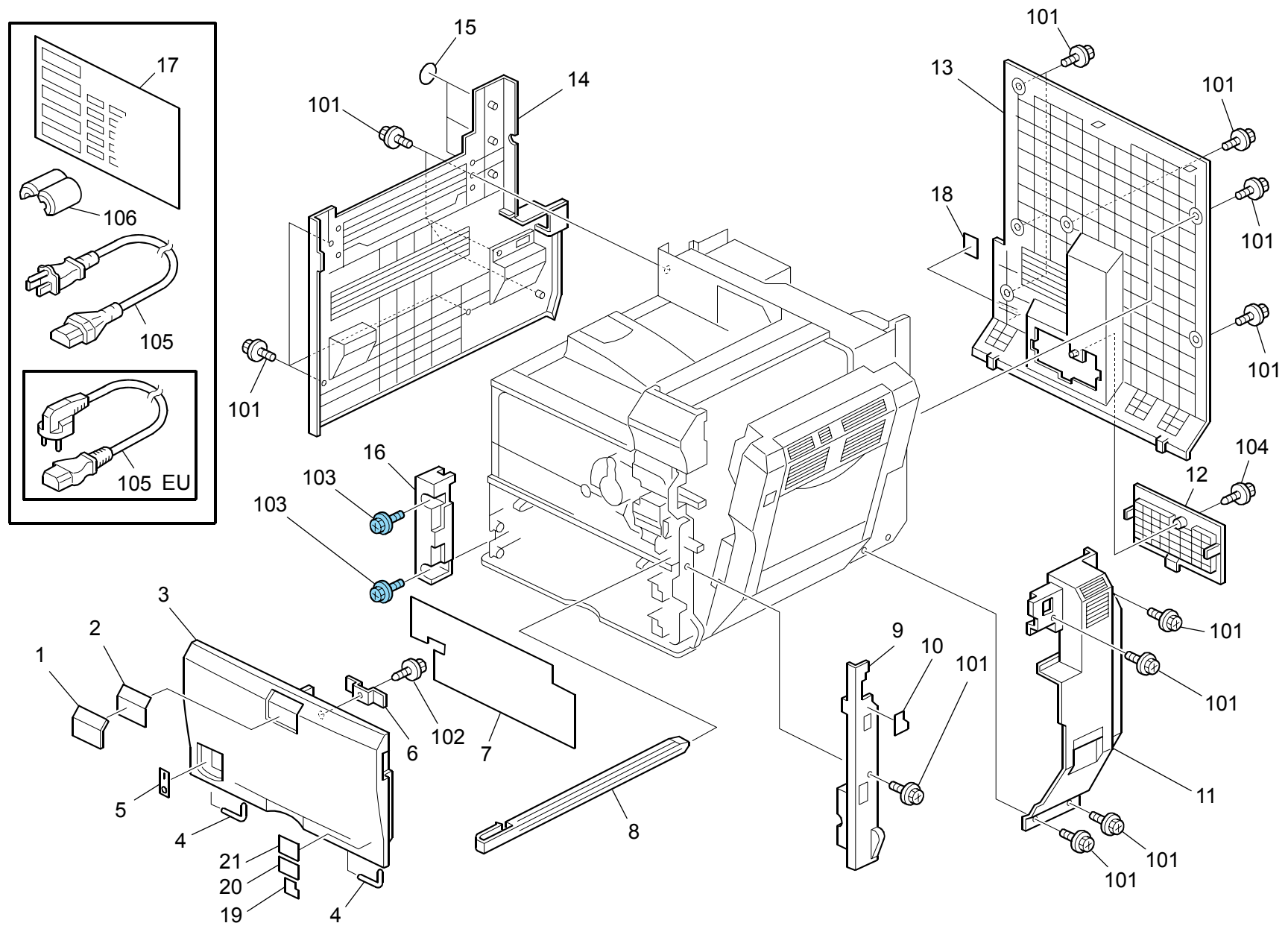
See Page 71

33. Frame Section (G179)



See Page 73

## 1.Exterior 1 (G179)

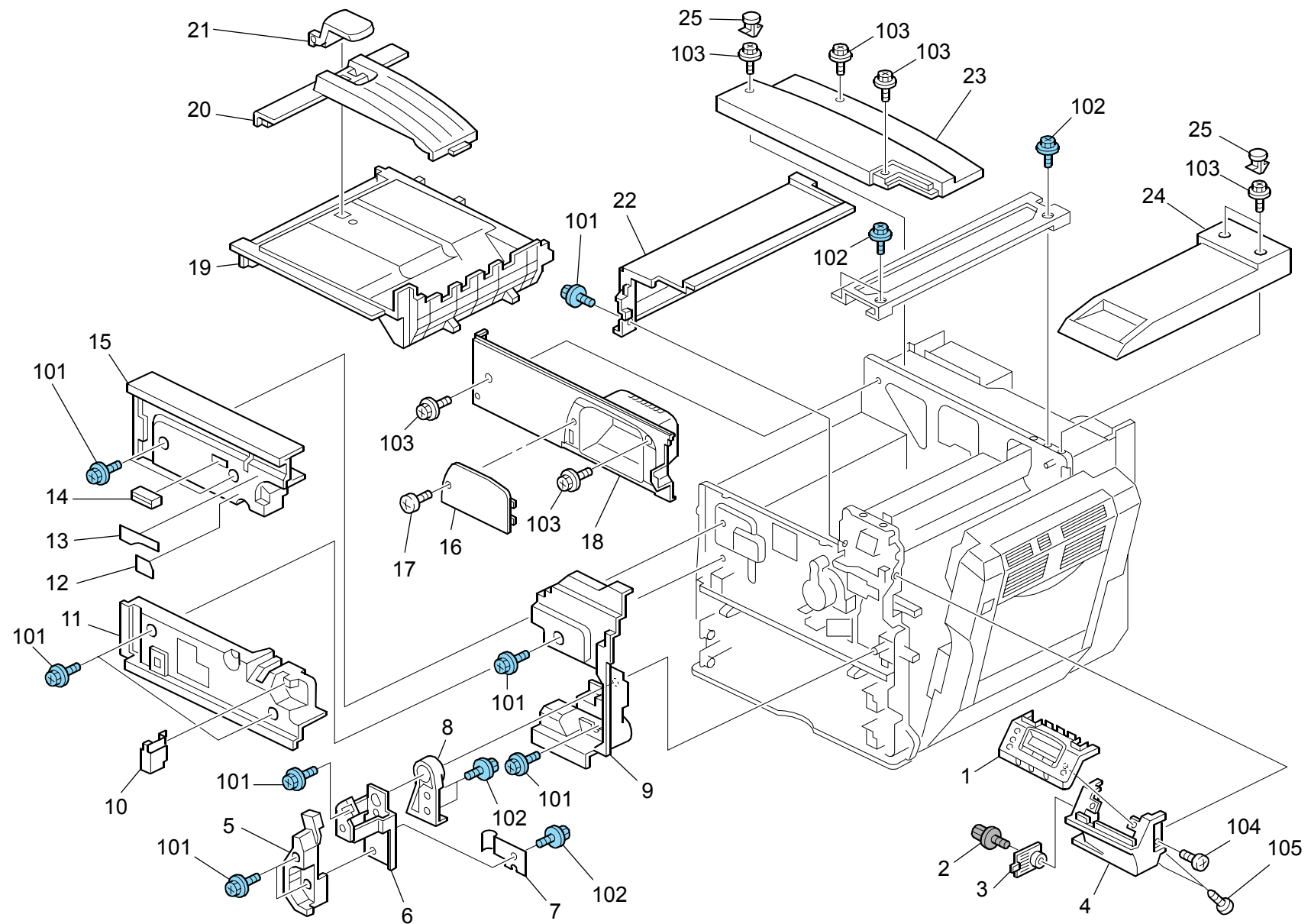


## 1.Exterior 1 (G179)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | B223 1253 | Emblem Cover                 | 1                 |
| 2         | G179 6192 | Sheet:Emblem:RIC             | 1                 |
| 3         | D012 1251 | Front Cover                  | 1                 |
| 4         | G020 1332 | Hinge - Front Cover          | 2                 |
| 5         | D011 1250 | Decal:Main Switch:On-Off     | 1                 |
| 6         | B024 1264 | Magnet Catch                 | 1                 |
| 7         | G179 1256 | Sheet:Misfeed Removal:P1     | 1                 |
| 8         | D009 2616 | Paper Dust Case              | 1                 |
| 9         | D013 1271 | Cover:Right:Front:NA         | 1                 |
| 9         | D012 1271 | Right Cover - Front          | 1                 |
| 10        | D009 2627 | Decal - Misfeed Removal B1   | 1                 |
| 11        | D009 1272 | Right Cover - Rear           | 1                 |
| 12        | D012 1293 | Cap - Rear Cover EU          | 1                 |
| 13        | D012 1291 | Rear Cover                   | 1                 |
| 14        | D013 1281 | Cover:Left:NA                | 1                 |
| 14        | D012 1281 | Left Cover                   | 1                 |
| 15        | G133 1285 | Decal:Cover:Left:Guide Plate | 3                 |
| 16        | D009 1242 | Inner Cover - Left           | 1                 |
| 17        | B238 2524 | Decal - Paper Size           | 1                 |
| 18        | B121 7450 | Decal - WEEE                 | 1                 |
| 19        | AA00 1477 | Decal:Energy-Star            | 1                 |
| 20        | GA00 3144 | Decal:PDFDIRECT              | 1                 |
| 21        | GA00 3175 | Decal:PS3:Clear              | 1                 |

| Index No. | Part No.   | Description                   | Q'ty Per Assembly |
|-----------|------------|-------------------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw - M3x8          |                   |
| 102       | 0456 3010N | Tapping Screw - M3x10         |                   |
| 103       | 0454 3008Q | Tapping Screw:3x8             |                   |
| 104       | 0456 3012N | Tapping Screw:WP:3x12         |                   |
| 105       | 1150 0373  | Power Supply Code:125V 15A NA |                   |
| 105       | 1150 0377  | Power Supply Code:250V:10A:EU |                   |
| 106       | 1607 1714  | Ferrite Core:RFC-6            |                   |

## 2.Exterior 2 (G179)

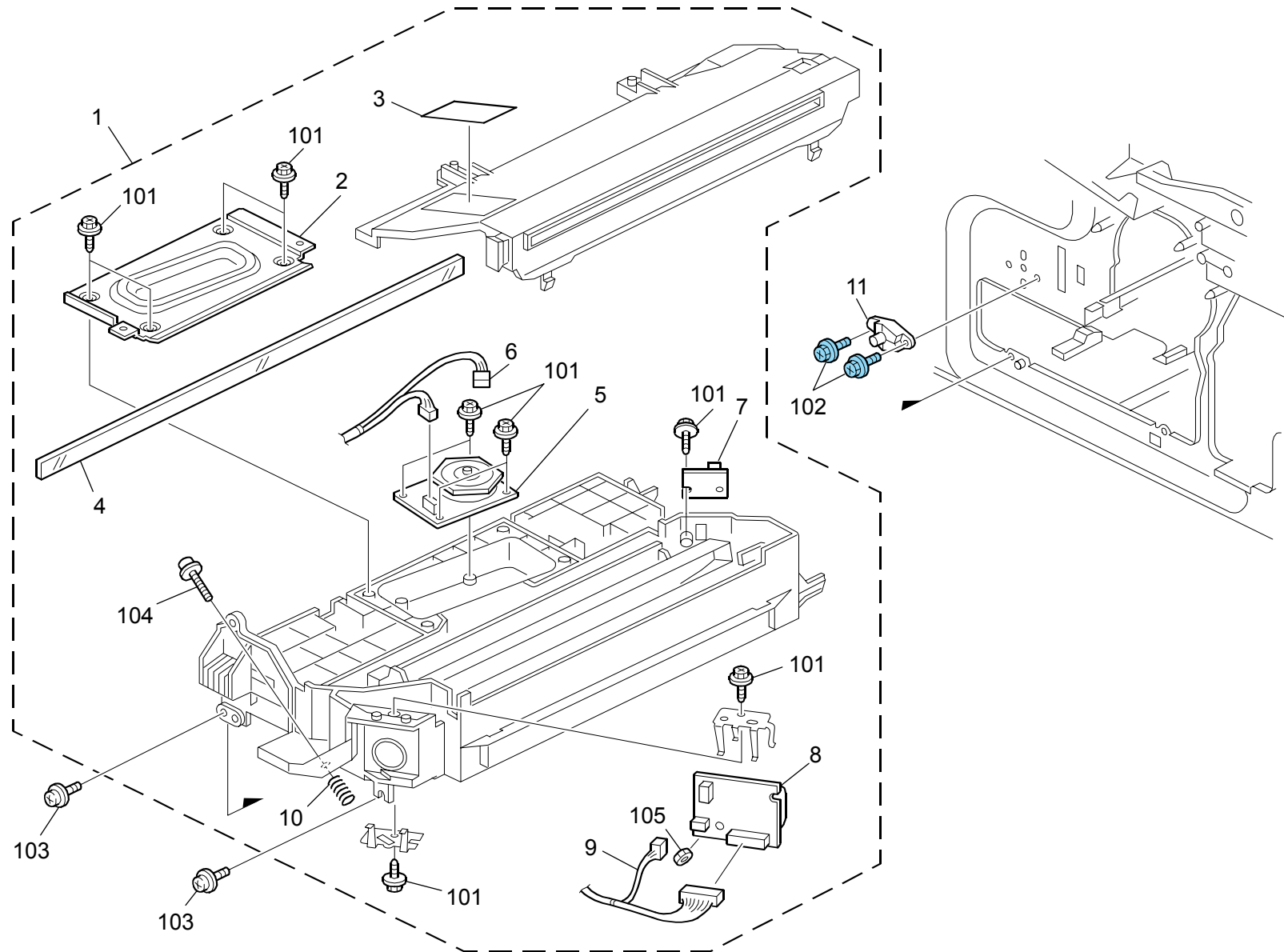


## 2.Exterior 2 (G179)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | G179 1405 | Operation Sub-Unit:EXP:Ass'y       | 1                 |
| 2         | G034 2993 | Flanged Hexagonal Head Bolt - M3x6 | 1                 |
| 3         | G179 1265 | Cap:Front Right:P                  | 1                 |
| 4         | G179 1264 | Cover:Front Right:P                | 1                 |
| 5         | G179 2247 | Cover:Lever:Lock:PCD:Alex-P1       | 1                 |
| 6         | D009 2254 | Base - Lock Lever                  | 1                 |
| 7         | D009 2249 | Spring Plate - Lock Lever          | 1                 |
| 8         | D009 2248 | Guide Plate - Lock Lever           | 1                 |
| 9         | D009 1243 | Inner Cover - Right Upper          | 1                 |
| 10        | B004 1325 | Cover - Shield Glass               | 1                 |
| 11        | D009 1244 | Inner Cover - Middle               | 1                 |
| 12        | D009 3269 | Decal - Release Toner Bottle       | 1                 |
| 13        | D009 3268 | Decal - Lock Toner Bottle          | 1                 |
| 14        | AG07 1012 | Magnet Catch:Ass'y                 | 1                 |
| 15        | D009 1241 | Inner Cover:Upper:Left:DOM         | 1                 |
| 15        | D012 1241 | Inner Cover - Upper Left           | 1                 |
| 16        | G133 1263 | Cover:Inner Back:Middle:P          | 1                 |
| 17        | B408 1390 | Flat Screw:Groove Type             | 1                 |
| 18        | G133 1261 | Cover:Inner Back:P                 | 1                 |
| 19        | D009 1260 | Upper Cover                        | 1                 |
| 20        | B223 4486 | Exit Tray                          | 1                 |
| 21        | B223 4487 | Exit End Fence                     | 1                 |
| 22        | G133 1266 | Cover:Paper Exit Unit:Upper        | 1                 |
| 23        | G179 1267 | Cover:Upper:Rear:P                 | 1                 |
| 24        | G133 1268 | Cover:Upper:Right                  | 1                 |
| 25        | G133 1269 | Cap:DIA17                          | 3                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0454 3008Q | Tapping Screw:3x8               |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6            |                   |
| 103       | 0451 3008N | Tapping Screw - M3x8            |                   |
| 104       | 0453 3008N | Binding Self Tapping Screw:3x8  |                   |
| 105       | 0452 3010N | Binding Self-Tapping Screw:3x10 |                   |

### 3.LD Unit (G179)

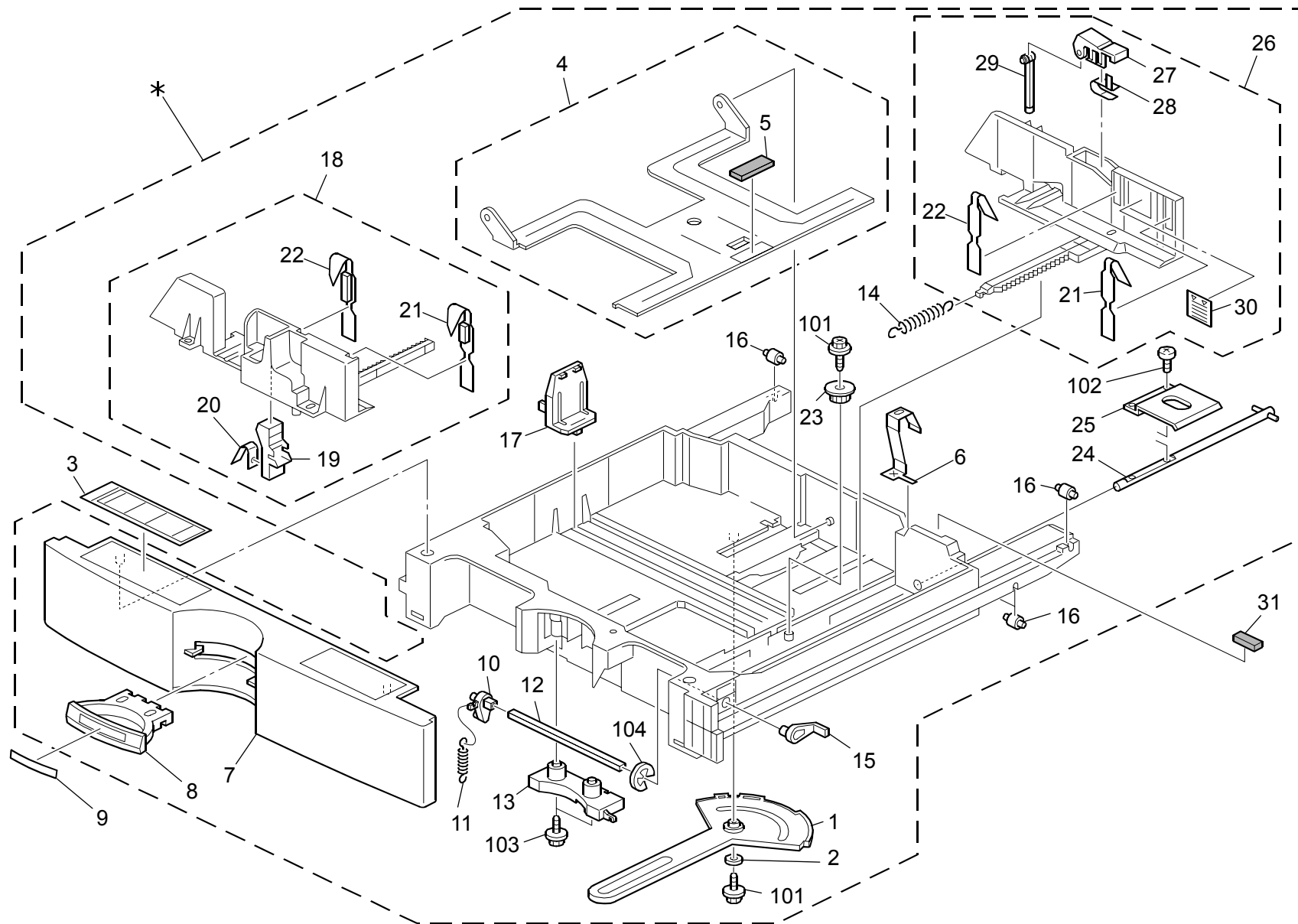


### 3.LD Unit (G179)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | D009 1860 | Imaging Unit                       | 1                 |
| 2         | D009 1861 | Cover - Polygon Motor              | 1                 |
| 3         | G029 1980 | Decal - LD                         | 1                 |
| 4         | AC01 5025 | Shield Glass                       | 1                 |
| 5         | AX06 0353 | Polygon Mirror Motor - DC 16.8W    | 1                 |
| 6         | D009 5570 | Harness - Imaging Unit             | 1                 |
| 7         | D009 5320 | Sync Detector Board                | 1                 |
| 8         | D009 1870 | Laser Diode Unit                   | 1                 |
| 9         | D009 5571 | Harness:Laser Diode Control        | 1                 |
| 10        | AA06 3445 | Spring- Laser Diode Unit           | 1                 |
| 11        | A232 1937 | Positioning Pin - Laser Unit Ass'y | 1                 |

| Index No. | Part No.   | Description               | Q'ty Per Assembly |
|-----------|------------|---------------------------|-------------------|
| 101       | 0456 3008N | Tapping Screw - M3x8      |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6      |                   |
| 103       | 0951 3008N | Screw:Polished Roud:M3x8  |                   |
| 104       | 0951 3020N | Screw:Polished Roud:M3x20 |                   |
| 105       | 0712 0030N | Hexagonal Nut:M3          |                   |

## 4. Paper Tray (G179)

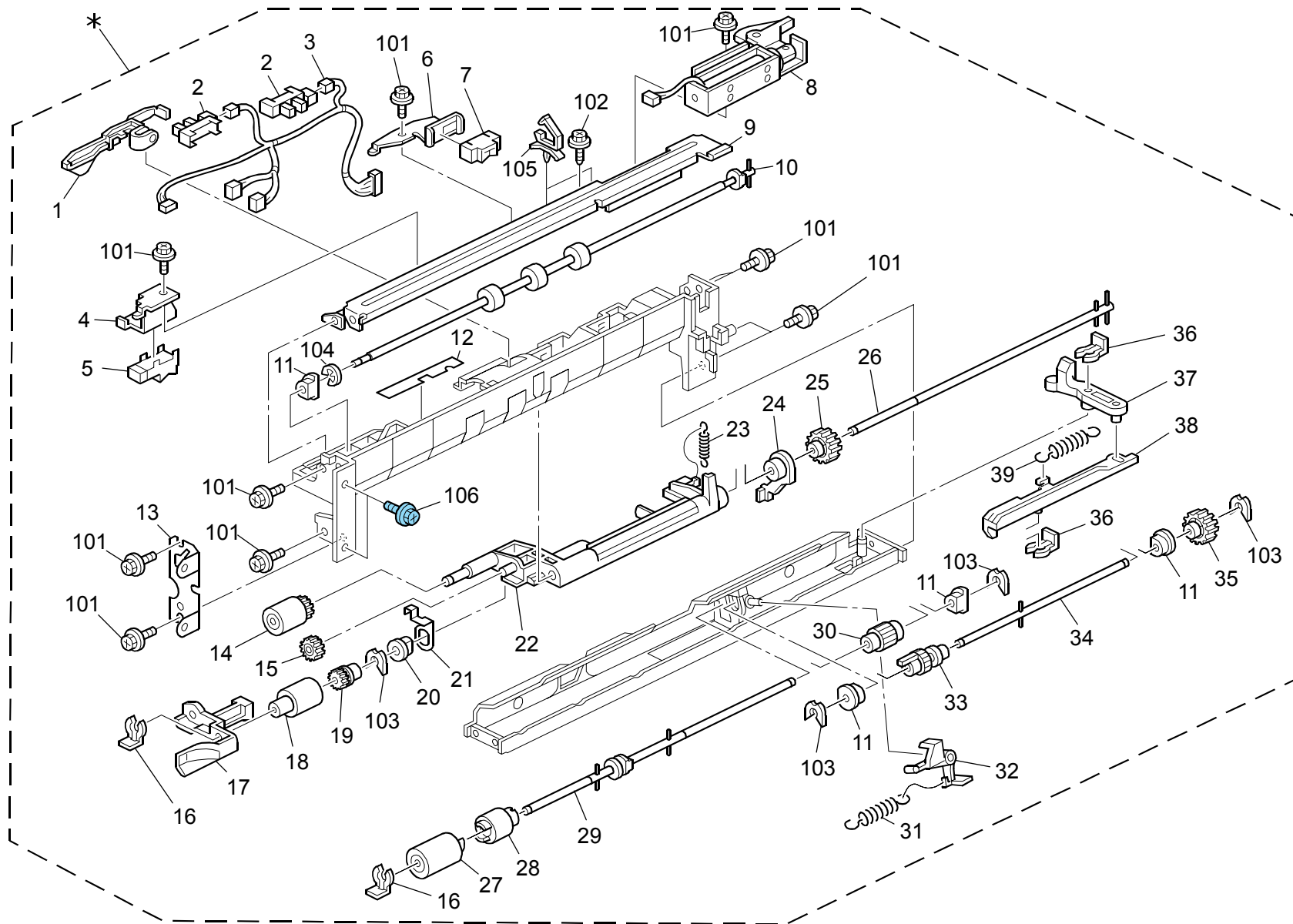


#### 4.Paper Tray (G179)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| *         | B223 2901 | Paper Tray:No.2:Ass'y            | 2                 |
| 1         | B223 2910 | Link - Paper Size Sensor         | 1                 |
| 2         | B223 2911 | Spacer                           | 1                 |
| 3         | B238 2523 | Decal - Paper Set Direction No.2 | 1                 |
| 4         | B223 2940 | Tray Bottom Plate                | 1                 |
| 5         | AF01 3006 | Bottom Plate Pad                 | 1                 |
| 6         | B223 2919 | Ground Plate - Paper Tray No.2   | 1                 |
| 7         | B223 2946 | Cover - Paper Tray No.2          | 1                 |
| 8         | B223 2860 | Paper Tray Grip                  | 1                 |
| 9         | B238 2526 | Decal - Grip                     | 1                 |
| 9         | B238 2527 | Decal - Grip                     | 1                 |
| 10        | B223 2862 | Lever - Release Inner            | 1                 |
| 11        | AA06 1014 | Tension Spring:Grip              | 1                 |
| 12        | B223 2863 | Release Shaft                    | 1                 |
| 13        | B223 2861 | Grip Holder                      | 1                 |
| 14        | AA06 1003 | Tension Spring:Side Fence:Rear   | 1                 |
| 15        | B223 2868 | Lever:Release:Paper Tray:Outer   | 1                 |
| 16        | A232 2987 | Roller - Paper Tray              | 4                 |
| 17        | B223 2912 | End Fence                        | 1                 |
| 18        | B223 2920 | Front Side Fence                 | 1                 |
| 19        | B223 2923 | Stopper Lever - Front            | 1                 |
| 20        | B004 2923 | Spring Plate - Release Lever     | 1                 |
| 21        | B223 2935 | Plate - Side Fence Right         | 2                 |
| 22        | B223 2934 | Plate - Side Fence               | 2                 |
| 23        | B223 2936 | Gear - 16Z                       | 1                 |
| 24        | B223 2865 | Rise No.1 Shaft                  | 1                 |
| 25        | B223 2918 | Rise Lever                       | 1                 |
| 26        | B223 2930 | Rear Side Fence                  | 1                 |
| 27        | A267 2860 | Rear Lever Stopper               | 1                 |
| 28        | A267 2857 | Spring Plate - Side Fence        | 1                 |
| 29        | A267 2859 | Side Fence Stopper               | 1                 |
| 30        | B223 2873 | Decal - Side Fence Rear          | 1                 |
| 31        | B180 2782 | Seal:Tray                        | 1                 |

| Index No. | Part No.   | Description                    | Q'ty Per Assembly |
|-----------|------------|--------------------------------|-------------------|
| 101       | 0450 4008N | Tapping Screw - M4x8           |                   |
| 102       | 0453 3008N | Binding Self Tapping Screw:3x8 |                   |
| 103       | 0450 3012N | Tapping Screw:3x12             |                   |
| 104       | 0720 0080E | Retaining Ring - M8            |                   |

## 5.Paper Feed Section (G179)

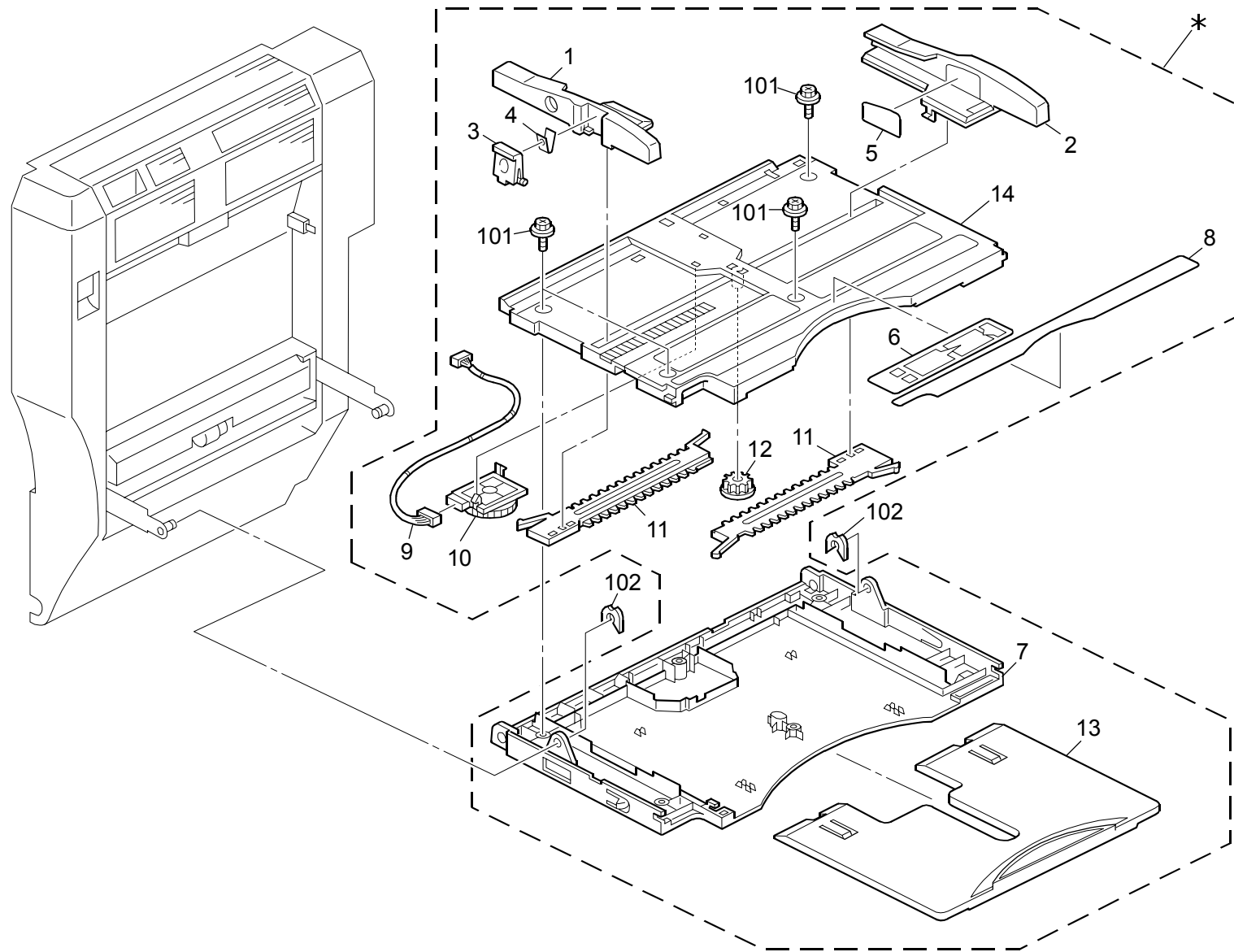


## 5.Paper Feed Section (G179)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| *         | D009 2750 | Paper Feed Unit              | 1                 |
| 1         | B223 2767 | Paper End Feeler             | 1                 |
| 2         | AW02 0145 | Photointerruptor:Flat        | 2                 |
| 3         | B223 2773 | Harness - Paper Feed Unit    | 1                 |
| 4         | B223 2778 | Sensor Bracket               | 1                 |
| 5         | AW01 0128 | Paper Feed Sensor            | 1                 |
| 6         | B082 2781 | Bracket:Sensor               | 1                 |
| 7         | AW01 0122 | Paper Feed Sensor            | 1                 |
| 8         | B223 2780 | DC Solenoid 24V              | 1                 |
| 9         | B223 2776 | Stay                         | 1                 |
| 10        | D009 2757 | Transport Roller:Drive:Ass'y | 1                 |
| 11        | AA08 2143 | Bushing - 6x10x6             | 4                 |
| 12        | B223 2772 | Harness Sheet                | 1                 |
| 13        | B223 2786 | Ground Plate - Front         | 1                 |
| 14        | AF03 0090 | Paper Feed Roller:Pickup     | 1                 |
| 15        | AB01 1252 | Gear - 20Z                   | 1                 |
| 16        | AA10 0014 | Retaining Ring C - Separate  | 2                 |
| 17        | B223 2829 | Feed Guide                   | 1                 |
| 18        | AF03 1090 | Paper Feed Roller:Feed       | 1                 |
| 19        | AB01 1218 | Gear - Roller Clutch         | 1                 |
| 20        | AA08 2101 | Bushing - 6x10x6             | 1                 |
| 21        | B223 2765 | Ground Plate - Feed          | 1                 |
| 22        | B223 2761 | Pickup Arm                   | 1                 |
| 23        | AA06 0691 | Tension Spring               | 1                 |
| 24        | G065 2767 | Lever - Feed                 | 1                 |
| 25        | B223 2764 | Gear-24Z                     | 1                 |
| 26        | B223 2762 | Feed Shaft                   | 1                 |
| 27        | AF03 2090 | Paper Feed Roller:Separate   | 1                 |
| 28        | B004 2783 | Torque Limiter               | 1                 |
| 29        | B223 2810 | Separate Driven Shaft        | 1                 |
| 30        | AB01 0157 | Gear:Separate:Driven         | 1                 |
| 31        | AA06 0693 | Tension Spring               | 1                 |
| 32        | G065 2774 | Pressure Lever               | 1                 |
| 33        | AB01 0156 | Gear:Separate:Drive          | 1                 |
| 34        | B223 2815 | Separate Drive Shaft         | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 35        | B223 2819  | Gear - 22Z                 | 1                 |
| 36        | 5206 2686  | Snap Ring                  | 2                 |
| 37        | G065 2776  | Release Lever              | 1                 |
| 38        | G065 2775  | Link Lever                 | 1                 |
| 39        | AA06 2259  | Spring - Release           | 1                 |
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8       |                   |
| 103       | 0805 0089  | Retaining Ring - M4        |                   |
| 104       | 0720 0040E | Retaining Ring - M4        |                   |
| 105       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 106       | 0454 3008Q | Tapping Screw:3x8          |                   |

### 6.By-pass Feed Section 1 (G179)

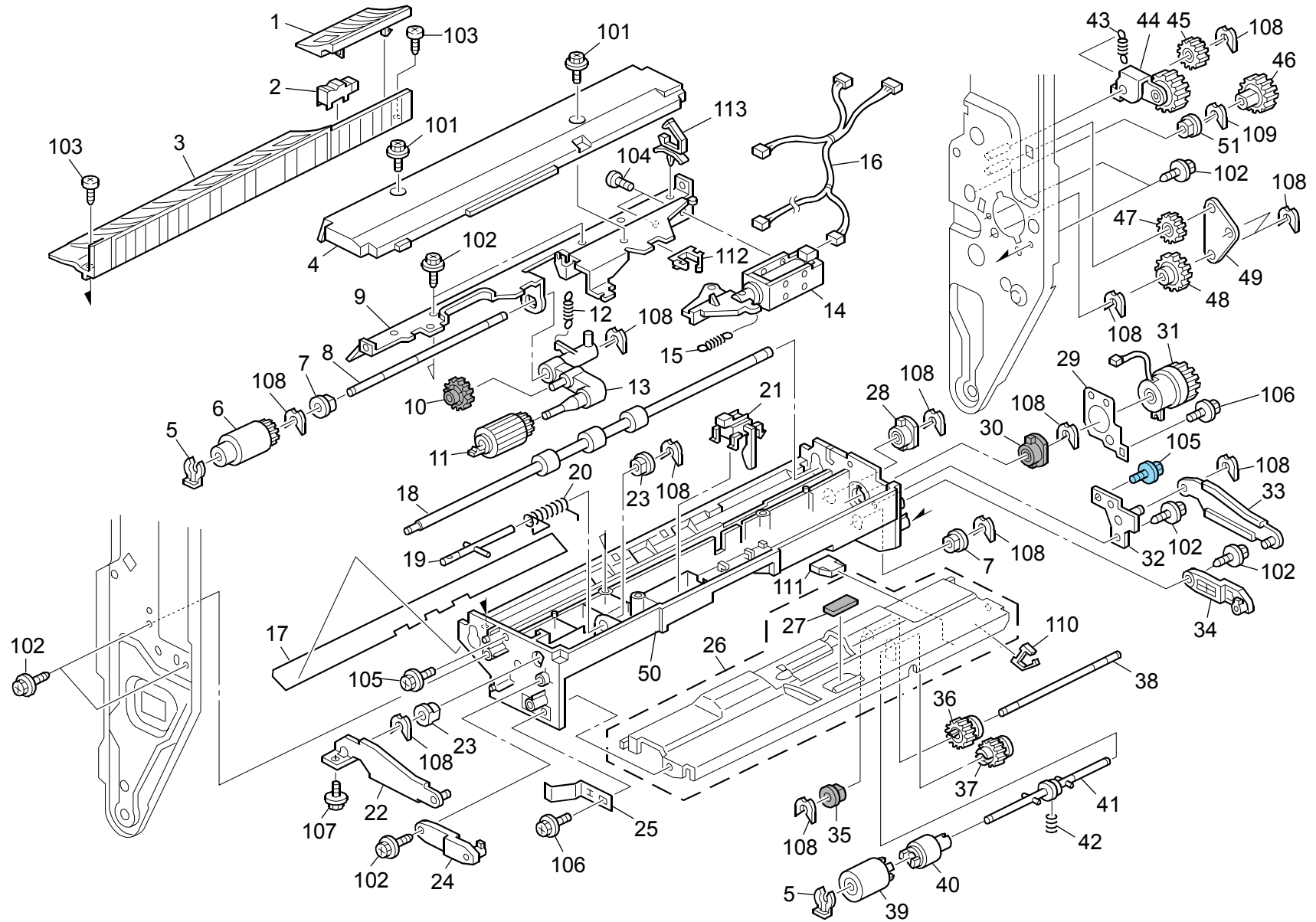


## 6.By-pass Feed Section 1 (G179)

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| *         | B223 2700 | Manual Feed Table:EXP:Ass'y               | 1                 |
| 1         | B223 2674 | Side Fence:Front                          | 1                 |
| 2         | B223 2673 | Side Fence:Rear                           | 1                 |
| 3         | B223 2726 | Grip:Side Fence:Manual Feed               | 1                 |
| 4         | B223 2668 | Spring Plate:Stopper                      | 1                 |
| 5         | B223 2645 | Decal:Side Fence                          | 1                 |
| 6         | B223 2729 | Decal:Paper Set Direction:Manual Feed:EXP | 1                 |
| 7         | B223 2661 | Cover:Manual Feed                         | 1                 |
| 8         | B223 2644 | Decal:Scale                               | 1                 |
| 9         | B223 2669 | Harness:Paper Size Sensor                 | 1                 |
| 10        | AW50 0031 | Paper Size Sensor                         | 1                 |
| 11        | B223 2713 | Rack:Manual Feed                          | 2                 |
| 12        | B223 2666 | Gear:16Z                                  | 1                 |
| 13        | B223 2663 | Extension Tray                            | 1                 |
| 14        | D029 2662 | Manual Feed Table                         | 1                 |

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

## 7.By-pass Feed Section 2 (G179)

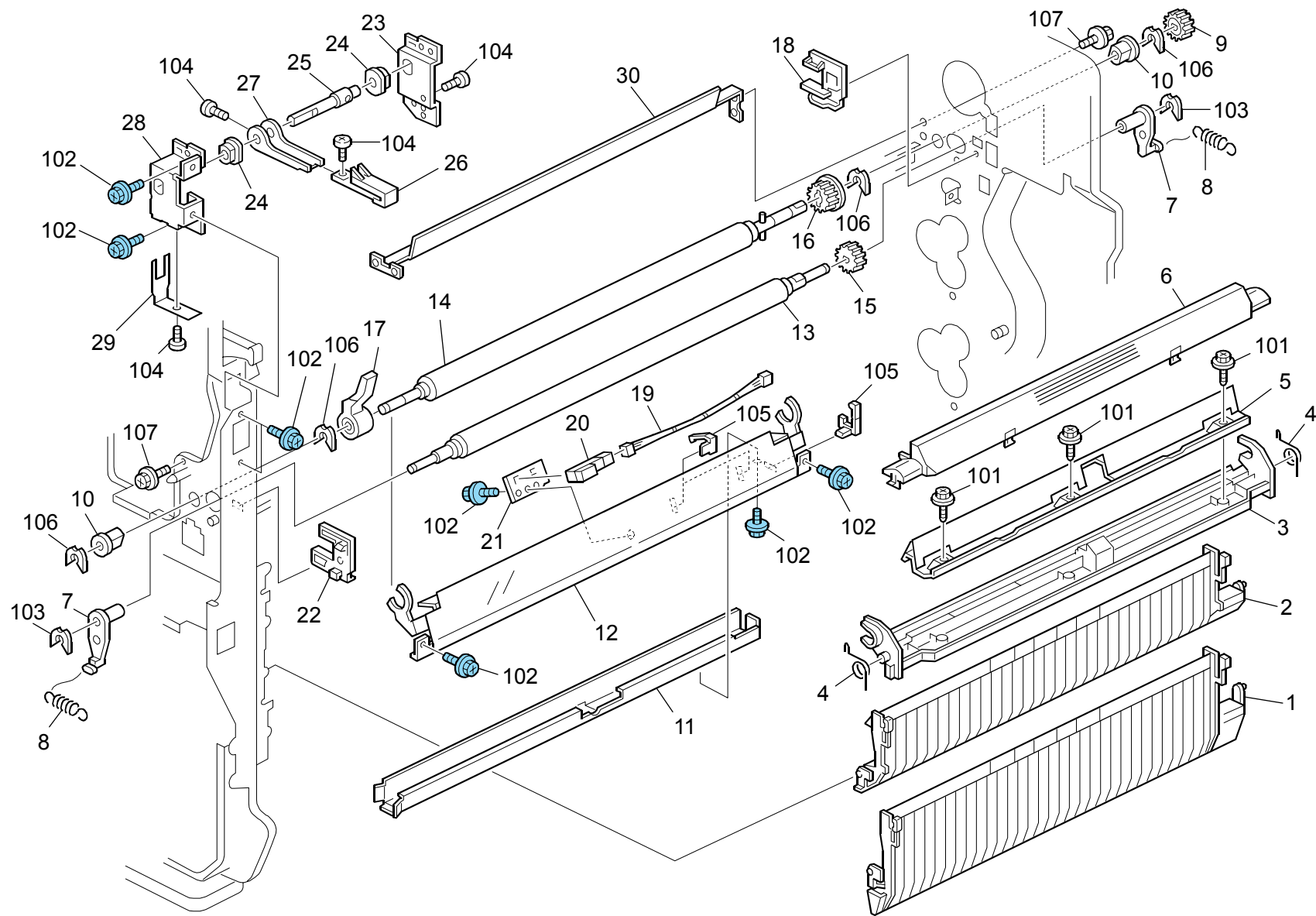


## 7.By-pass Feed Section 2 (G179)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | B223 2623 | Cover:Guide Plate:Exit         | 1                 |
| 2         | AW01 0107 | Paper Feed Sensor              | 1                 |
| 3         | B223 2622 | Guide Plate:Exit               | 1                 |
| 4         | B223 2621 | Cover:Manual Feed Unit         | 1                 |
| 5         | AA10 0014 | Retaining Ring C - Separate    | 2                 |
| 6         | AF03 1046 | Feed Roller - Manual Feed      | 1                 |
| 7         | AA08 2101 | Bushing - 6x10x6               | 4                 |
| 8         | AA14 0777 | Shaft:Feed                     | 1                 |
| 9         | B223 2629 | Stay:Feed                      | 1                 |
| 10        | AB01 1387 | Gear - 23Z                     | 1                 |
| 11        | AF03 0049 | Pick-up Roller                 | 1                 |
| 12        | AA06 3568 | Pressure Spring                | 1                 |
| 13        | G060 2932 | Pick-up Arm - Manual Feed      | 1                 |
| 14        | B223 2632 | DC Solenoid:Pickup             | 1                 |
| 15        | B223 2633 | Spring:Release:Pickup          | 1                 |
| 16        | B223 2659 | Harness:Manual Feed            | 1                 |
| 17        | D009 2552 | Guide Sheet - Manual Feed      | 1                 |
| 18        | D009 2555 | Transport Roller - Duplex Exit | 1                 |
| 19        | B223 2634 | Support Stay:Arm               | 1                 |
| 20        | B223 2636 | Torsion Spring:27N             | 1                 |
| 21        | AW50 0035 | Paper End Sensor               | 1                 |
| 22        | B223 2651 | Arm:Manual Feed:Front          | 1                 |
| 23        | AA08 2102 | Bushing - 6x10x6               | 2                 |
| 24        | B223 2657 | Arm:Manual Feed:Short:Front    | 1                 |
| 25        | B223 2607 | Ground Plate:Reverse           | 1                 |
| 26        | B223 2609 | Guide Plate:Separator          | 1                 |
| 27        | AF01 3016 | Bottom Plate Pad               | 1                 |
| 28        | G080 2682 | Bushing:Feed                   | 1                 |
| 29        | B223 2606 | Ground Plate:Rear              | 1                 |
| 30        | AA08 3014 | One-way Clutch                 | 1                 |
| 31        | AX20 2007 | Magnetic Clutch                | 1                 |
| 32        | B223 2637 | Bracket:Arm:Manual Feed:Rear   | 1                 |
| 33        | B223 2652 | Arm:Manual Feed:Rear           | 1                 |
| 34        | B223 2658 | Arm:Manual Feed:Short:Rear     | 1                 |
| 35        | A259 6754 | Bushing - 6 6mm                | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 36        | AB01 1416  | Gear - 20Z                      | 1                 |
| 37        | B223 2608  | Gear:Z16                        | 1                 |
| 38        | AA14 0778  | Shaft:Separator:Drive           | 1                 |
| 39        | AF03 2046  | Separation Roller - Manual Feed | 1                 |
| 40        | G080 2900  | Torque Limiter                  | 1                 |
| 41        | B180 2871  | Shaft:Separator:Driven:Ass'y    | 1                 |
| 42        | AA06 3499  | Pressure Spring                 | 1                 |
| 43        | AA06 0872  | Spring                          | 1                 |
| 44        | B223 2681  | Arm:Tightener                   | 1                 |
| 45        | AB01 1223  | Idler Gear - 25Z                | 1                 |
| 46        | B223 2686  | Gear:Z31                        | 1                 |
| 47        | B223 2683  | Gear:25Z                        | 1                 |
| 48        | B223 2689  | Gear:Z28                        | 1                 |
| 49        | B223 2696  | Drum Stay:Drive                 | 1                 |
| 50        | B223 2620  | Housing:Manual Feed             | 1                 |
| 51        | AA08 2104  | Bushing - 8x12x7                | 1                 |
| 101       | 0451 3006N | Tapping Screw - 3x6             |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8            |                   |
| 103       | 0457 3008N | Tapping Screw - M3x8            |                   |
| 104       | 0353 0040N | Screw - M3x4                    |                   |
| 105       | 0454 3008Q | Tapping Screw:3x8               |                   |
| 106       | 0451 3008N | Tapping Screw - M3x8            |                   |
| 107       | 0360 3006N | Screw - M3x6                    |                   |
| 108       | 0805 0089  | Retaining Ring - M4             |                   |
| 109       | 0805 0088  | Retaining Ring - M6             |                   |
| 110       | 1105 0522  | Edge Saddle - LES0510           |                   |
| 111       | 1102 6248  | Connector - 5P                  |                   |
| 112       | 1105 0551  | Clamp:LES-0505                  |                   |
| 113       | 1105 0511  | Harness Clamp - LWS-0306ZC      |                   |

8.Paper Registration (G179)

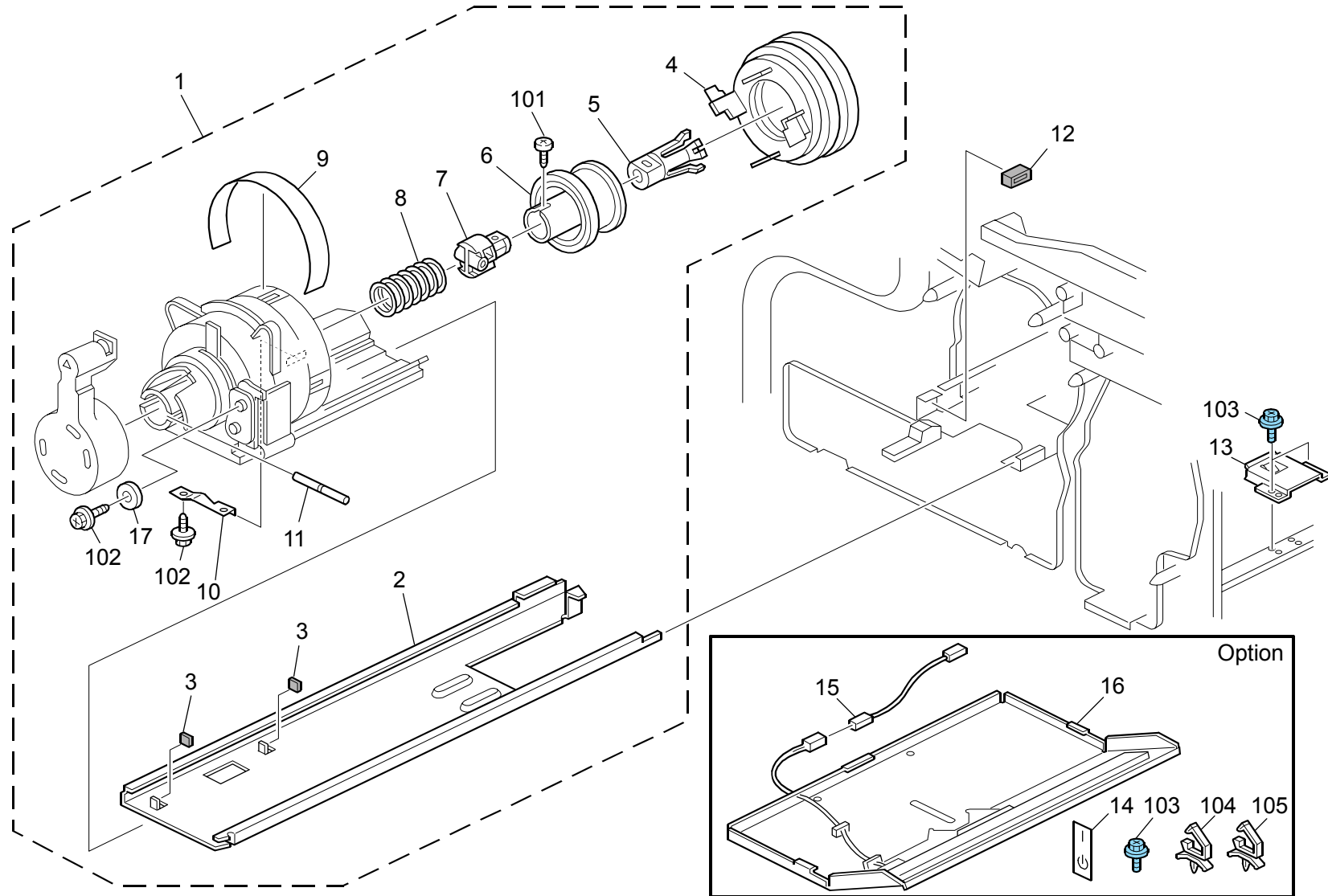


## 8.Paper Registration (G179)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | D009 2841 | Guide Plate - No.2                 | 1                 |
| 2         | D009 2836 | Guide Plate                        | 1                 |
| 3         | D009 2617 | Upper Guide Plate - Registration   | 1                 |
| 4         | D009 2650 | Torsion Spring - Registration      | 2                 |
| 5         | D009 2625 | Stay - Paper Dust Removal          | 1                 |
| 6         | D009 2618 | Cover - Paper Dust Removal         | 1                 |
| 7         | D009 2607 | Bushing - Driven Registration      | 2                 |
| 8         | D009 2636 | Tension Spring                     | 2                 |
| 9         | D009 2603 | Gear - 28Z                         | 1                 |
| 10        | AA08 2074 | Bushing - M8                       | 2                 |
| 11        | D009 2612 | Case Supporter - Remove Paper Dust | 1                 |
| 12        | D009 2624 | Lower Guide Plate - Registration   | 1                 |
| 13        | D009 2606 | Registration Roller - Driven       | 1                 |
| 14        | D009 2600 | Registration Roller - Drive        | 1                 |
| 15        | B238 2655 | Gear - 16Z                         | 1                 |
| 16        | D009 2602 | Gear - 18Z                         | 1                 |
| 17        | D009 2604 | Knob - Registration Roller         | 1                 |
| 18        | D009 2623 | Raer Positioning Guide             | 1                 |
| 19        | D009 2626 | Harness - Registration Sensor      | 1                 |
| 20        | AW01 0107 | Paper Feed Sensor                  | 1                 |
| 21        | D009 2614 | Bracket - Registration Sensor      | 1                 |
| 22        | D009 2622 | Front Positioning Guide            | 1                 |
| 23        | D009 2240 | Rear Flange - Lock                 | 1                 |
| 24        | AA08 2078 | Bushing - 8mm                      | 2                 |
| 25        | D009 2243 | Shaft - Lock                       | 1                 |
| 26        | D009 2245 | Stopper Cover - Stopper            | 1                 |
| 27        | D009 2244 | Stopper - Lock                     | 1                 |
| 28        | D009 2241 | Front Flange - Lock                | 1                 |
| 29        | D009 2242 | Spring Plate - Lock                | 1                 |
| 30        | D009 3858 | Entrance Guide Plate - Transfer    | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0450 3006N | Tapping Screw - M3x6 |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 103       | 0805 0089  | Retaining Ring - M4  |                   |
| 104       | 0453 3006N | Tapping Screw - M3x6 |                   |
| 105       | 1105 0568  | Clamp:LWSS-0504      |                   |
| 106       | 0805 0088  | Retaining Ring - M6  |                   |
| 107       | 0451 3006N | Tapping Screw - 3x6  |                   |

## 9.Toner Supply Unit (G179)

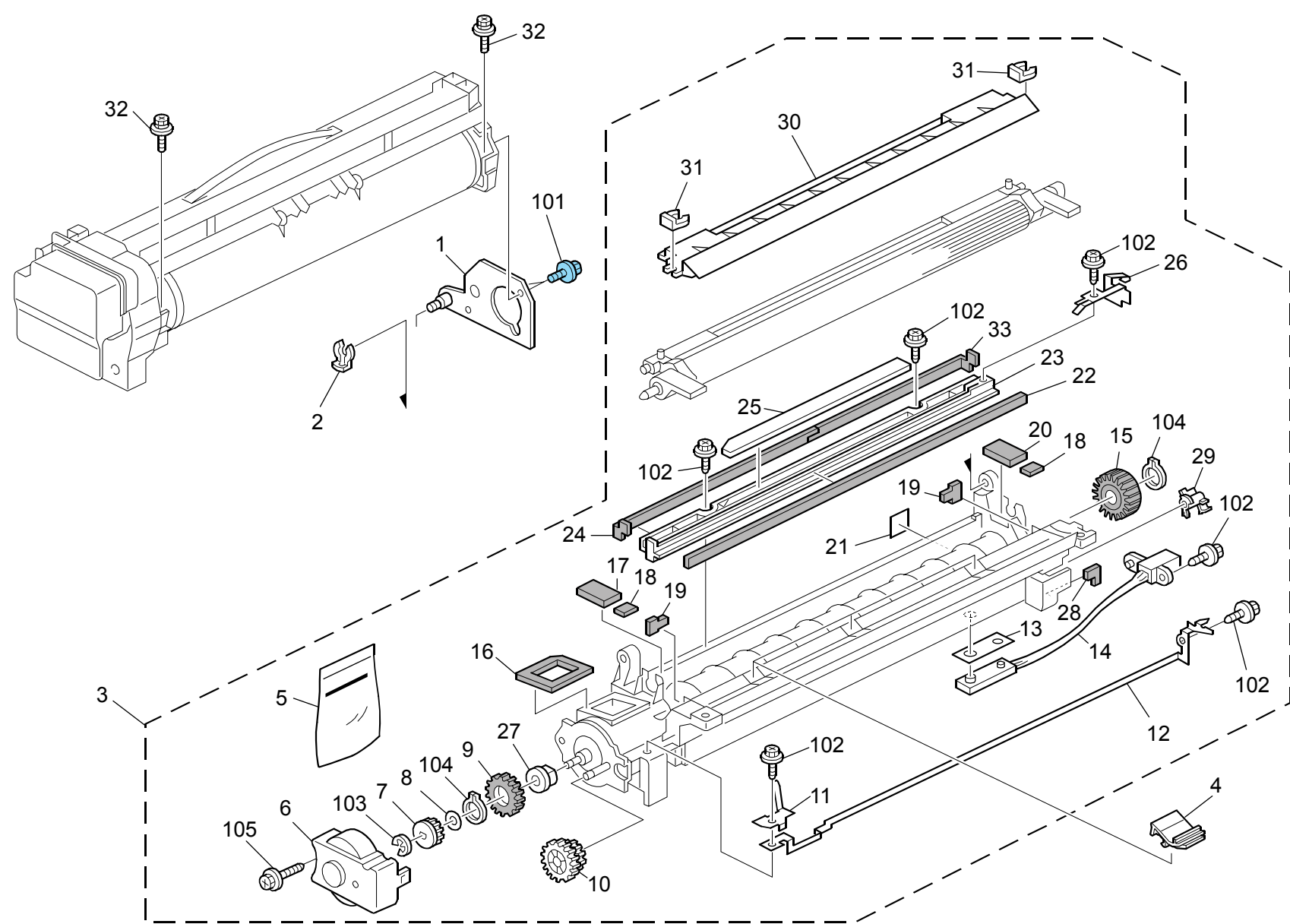


## 9.Toner Supply Unit (G179)

| Index No. | Part No.  | Description                          | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------|-------------------|
| 1         | D009 3209 | Toner Supply Unit                    | 1                 |
| 2         | B077 3262 | Slide Rail:Toner Supply Unit         | 1                 |
| 3         | A232 3266 | Seal - Slide Rail                    | 2                 |
| 4         | A232 3240 | Cover- Toner Bottle Ass'y            | 1                 |
| 5         | A134 3180 | Bottle Chuck                         | 1                 |
| 6         | A232 3252 | Slider Ass'y                         | 1                 |
| 7         | A232 3251 | Chuck Shaft                          | 1                 |
| 8         | AA06 3566 | Pressure Spring                      | 1                 |
| 9         | AA15 3083 | Seal - Toner Supply Unit Cover       | 1                 |
| 10        | A232 3263 | Spring Plate - Toner Bottle          | 1                 |
| 11        | D009 3265 | Shaft - Slide                        | 1                 |
| 12        | A232 3264 | Stopper - Slide Rail                 | 1                 |
| 13        | D009 5892 | Heater Stopper                       | 1                 |
| 14        | D011 1252 | Decal:Main Switch:On-Standby         | 1                 |
| 14        | D011 1253 | Decal:Main Switch:On-Standby:EU      | 1                 |
| 15        | D009 5611 | Harness:AC:Heater                    | 1                 |
| 16        | D011 5841 | Heater:PCD:NA:Sub-Ass'y              | 1                 |
| 16        | D011 5842 | Heater:PCD:EU:Sub-Ass'y              | 1                 |
| 17        | D009 3240 | Spacer:Arm:Shutter:Toner Supply Unit | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0452 3010N | Binding Self-Tapping Screw:3x10 |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8            |                   |
| 103       | 0454 3006Q | Tapping Screw - M3x6            |                   |
| 104       | 1105 0487  | Harness Clamp                   |                   |
| 105       | 1105 0516  | Clamp                           |                   |

10.PCDU 1 (G179)

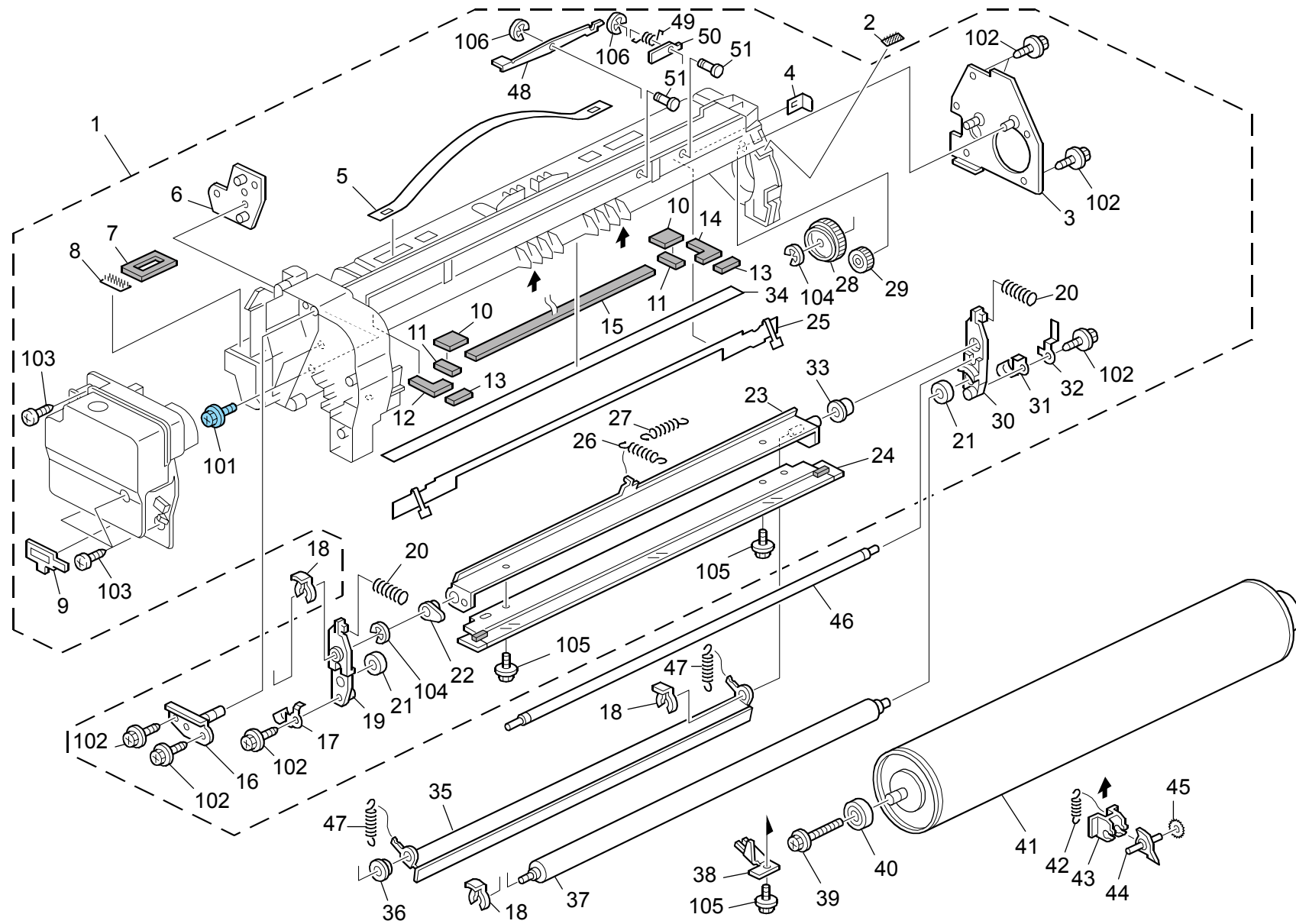


## 10.PCDU 1 (G179)

| Index No. | Part No.         | Description                           | Q'ty Per Assembly |
|-----------|------------------|---------------------------------------|-------------------|
| *         | G179 2200        | PCU                                   | 1                 |
| 1         | D009 2389        | Raer Side Plate - Coupling            | 1                 |
| 2         | G065 2681        | Snap Ring - M6                        | 1                 |
| 3         | G179 3010        | Development Unit                      | 1                 |
| 4         | D009 3102        | Upper Cap - Development Case          | 3                 |
| 5         | <b>B296 9640</b> | <b>Developer - Black</b>              | <b>1</b>          |
| 6         | A232 3155        | Front Cover - Development Unit        | 1                 |
| 7         | AB01 4061        | Gear - 13Z                            | 1                 |
| 8         | A232 3077        | Spacer - M5                           | 1                 |
| 9         | AB01 4060        | Gear - 21Z                            | 1                 |
| 10        | AB01 4062        | Gear - 17Z/25Z                        | 1                 |
| 11        | D009 3068        | Front Bias Terminal                   | 1                 |
| 12        | D009 3069        | Raer Bias Terminal                    | 1                 |
| 13        | A232 3067        | Tape - TD Sensor                      | 1                 |
| 14        | B213 3065        | Density Sensor:Development:C4         | 1                 |
| 15        | D009 3078        | Joint - Paddle                        | 1                 |
| 16        | D009 3066        | Entrance Seal - Toner Supply          | 1                 |
| 17        | D009 3205        | Seal:Side Plate:Front                 | 1                 |
| 18        | AA15 3095        | Shield - Development - Center         | 2                 |
| 19        | B082 3123        | Shield:Case:Development:Front Rear:C3 | 2                 |
| 20        | D009 3206        | Seal:Side Plate:Rear                  | 1                 |
| 21        | D009 3072        | Seal - Density Sensor Harness         | 1                 |
| 22        | D009 3053        | Upper Case Seal                       | 1                 |
| 23        | D009 3065        | Upper Cover - Development Unit        | 1                 |
| 24        | D009 3204        | Front Seal - Upper Cover              | 1                 |
| 25        | <b>D009 3083</b> | <b>Development Filter</b>             | <b>1</b>          |
| 26        | D009 3162        | Ground Plate:Doctor Blade             | 1                 |
| 27        | AA08 0281        | Bushing - 12x18x5.5                   | 1                 |
| 28        | G179 3071        | Stopper:Feeler:New Article Sensor     | 1                 |
| 29        | G065 3070        | Feeler:New Article Sensor             | 1                 |
| 30        | D009 3150        | Entrance Seal Ass'y                   | 1                 |
| 31        | 5206 2686        | Snap Ring                             | 2                 |
| 32        | D009 2480        | Screw - M3x10                         | 2                 |
| 33        | D009 3203        | Rear Seal - Upper Cover               | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8 |                   |
| 103       | 0720 0030E | Retaining Ring - M3  |                   |
| 104       | 0725 0110E | C Ring - M11         |                   |
| 105       | 0450 3014N | Tapping Screw:M3x14  |                   |

## 11.PCDU 2 (G179)



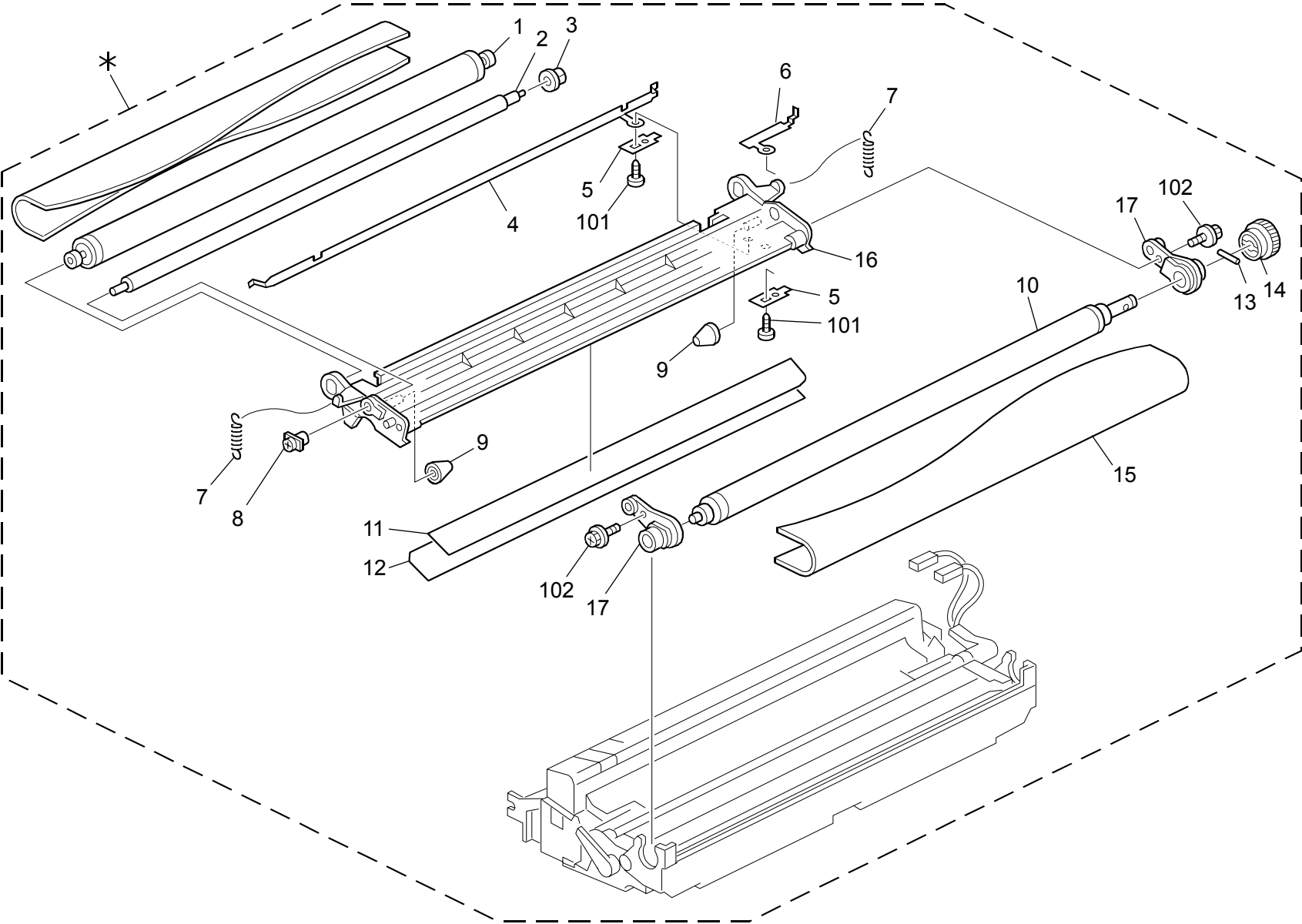
## 11.PCDU 2 (G179)



| Index No. | Part No.         | Description                      | Q'ty Per Assembly |
|-----------|------------------|----------------------------------|-------------------|
| 1         | G179 2211        | Frame:PCU:Upper:Ass'y            | 1                 |
| 2         | G179 3260        | Cleaner:Sensor                   | 1                 |
| 3         | D009 2390        | Idler Bracket                    | 1                 |
| 4         | D009 2317        | Electrode Plate - Charge         | 1                 |
| 5         | D009 2445        | Handle - PCU                     | 1                 |
| 6         | D009 2380        | Front Side Plate - Coupling      | 1                 |
| 7         | D009 2279        | Seal:Toner Supply:Entrance:Upper | 1                 |
| 8         | D009 3267        | Seal:Toner Supply:Entrance:Front | 1                 |
| 9         | D009 2633        | Cap - Toner Supply               | 1                 |
| 10        | A232 2399        | Seal - Blade 13x9.5x3            | 2                 |
| 11        | D009 2205        | Seal:Blade:Upper Rear:Small      | 2                 |
| 12        | D009 2201        | Seal:Drum:Front                  | 1                 |
| 13        | D009 2203        | Seal:Drum:Entrance               | 2                 |
| 14        | D009 2202        | Seal:Drum:Rear                   | 1                 |
| 15        | D009 2204        | Seal:Blade:Upper:Case            | 1                 |
| 16        | B213 2316        | Stud:Contact Point:Cleaning      | 1                 |
| 17        | G065 2354        | Electrode Plate:Charge:Front     | 1                 |
| 18        | G065 2681        | Snap Ring - M6                   | 3                 |
| 19        | D009 2331        | Front Arm - Pressure/Charge      | 1                 |
| 20        | AA06 3648        | Pressure Spring                  | 2                 |
| 21        | A232 2421        | Bushing - 6x10x3                 | 2                 |
| 22        | A232 2315        | Front Bushing - Cleaning Bracket | 1                 |
| 23        | B213 2312        | Bracket:Cleaning Blade           | 1                 |
| 24        | <b>D009 2351</b> | <b>Cleaning Blade</b>            | <b>1</b>          |
| 25        | D009 2318        | Spring Plate - Electrode         | 1                 |
| 26        | AA06 2299        | Pressure Spring                  | 1                 |
| 27        | AA06 2300        | Tension Spring                   | 1                 |
| 28        | AB01 1380        | Cam - Cleaning Blade             | 1                 |
| 29        | AB01 1379        | Gear - 19Z                       | 1                 |
| 30        | D009 2336        | Rear Arm - Pressure/Charge       | 1                 |
| 31        | G065 2308        | Electrode Plate:Charge:Rear      | 1                 |
| 32        | B082 2333        | Terminale:Brush Roller           | 1                 |
| 33        | A232 2318        | Collar - Cleaning                | 1                 |
| 34        | D009 2426        | Seal - 24.5x68.5                 | 1                 |
| 35        | <b>AD04 1105</b> | <b>Cleaning Blade:No.2:Ass'y</b> | <b>1</b>          |

| Index No. | Part No.         | Description                                      | Q'ty Per Assembly |
|-----------|------------------|--------------------------------------------------|-------------------|
| 36        | 5203 1852        | Bushing - 6x8x4mm                                | 1                 |
| 37        | <b>AD02 7012</b> | <b>Roller:Charge:Apply</b>                       | <b>1</b>          |
| 38        | D009 2303        | Drum Hold Plate                                  | 1                 |
| 39        | AA14 3549        | Screw:DIA10:M3x18                                | 1                 |
| 40        | A232 3553        | Ball Bearing - 8x16x5                            | 1                 |
| 41        | <b>D009 9510</b> | <b>OPC Drum</b>                                  | <b>1</b>          |
| 42        | AA06 2310        | Pressure Spring                                  | 1                 |
| 43        | A232 2340        | Holder - Pick-off Pawl                           | 1                 |
| 44        | <b>AD02 5021</b> | <b>Pick-off Pawl</b>                             | <b>1</b>          |
| 45        | A232 2339        | Spur                                             | 1                 |
| 46        | <b>G790 2329</b> | <b>Brush Roller:Cleaner:Charge:Amabuki:Ass'y</b> | <b>1</b>          |
| 47        | AA06 2258        | Spring:Pressure:Cleaning Blade:No.2              | 2                 |
| 48        | G179 2316        | Arm:Stopper:PCD:Sub-Ass'y                        | 1                 |
| 49        | G179 2314        | Spring:Stopper:PCD                               | 1                 |
| 50        | G179 2311        | Stopper:PCD                                      | 1                 |
| 51        | G179 2313        | Pin:Stopper:PCD                                  | 2                 |
| 101       | 0454 3006Q       | Tapping Screw - M3x6                             |                   |
| 102       | 0456 3008N       | Tapping Screw - M3x8                             |                   |
| 103       | 0457 3008N       | Tapping Screw - M3x8                             |                   |
| 104       | 0720 0040E       | Retaining Ring - M4                              |                   |
| 105       | 0360 3006N       | Screw - M3x6                                     |                   |
| 106       | 0720 0025E       | Retaining Ring - M2.5                            |                   |

12.Transfer Belt Unit 1 (G179)

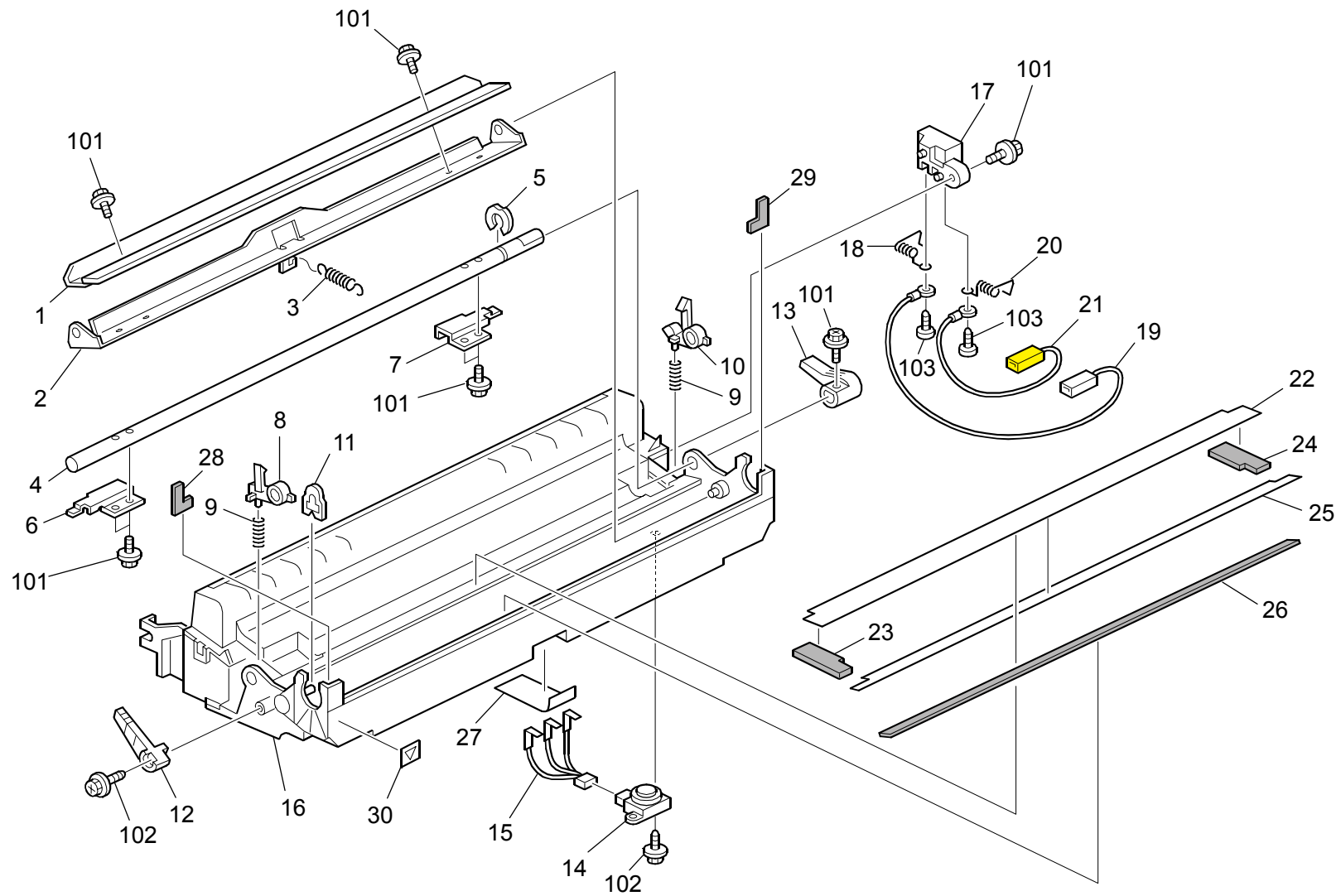


## 12.Transfer Belt Unit 1 (G179)

| Index No. | Part No.         | Description                      | Q'ty Per Assembly |
|-----------|------------------|----------------------------------|-------------------|
| *         | G179 3801        | Transfer Unit                    | 1                 |
| 1         | A232 3885        | Driven Roller - Transfer Unit    | 1                 |
| 2         | B213 3889        | Roller:Bias                      | 1                 |
| 3         | AA08 2054        | Bushing - M4                     | 1                 |
| 4         | D009 3935        | Earth Terminal - Transfer Belt   | 1                 |
| 5         | D009 3937        | Terminal - Transfer Belt         | 2                 |
| 6         | D009 3936        | Bial Terminal - Transfer Belt    | 1                 |
| 7         | AA06 1020        | Spring:Release:Transfer Belt     | 2                 |
| 8         | D009 3890        | Front Bushing - Bias Roller      | 1                 |
| 9         | A232 3926        | Transfer Belt Roller             | 2                 |
| 10        | D009 3894        | Drive Roller - Transfer Belt     | 1                 |
| 11        | D009 3954        | Sheet:Preventfence:Transfer Belt | 1                 |
| 12        | D009 3948        | Scraper - Drive Roller           | 1                 |
| 13        | G024 1314        | Pulley Pin                       | 1                 |
| 14        | AB01 1282        | Gear - 31Z                       | 1                 |
| 15        | <b>A232 3880</b> | <b>Transfer Belt</b>             | <b>1</b>          |
| 16        | D009 3882        | Frame - Transfer Belt            | 1                 |
| 17        | D009 3893        | Arm - Transfer Belt              | 2                 |

| Index No. | Part No.   | Description                    | Q'ty Per Assembly |
|-----------|------------|--------------------------------|-------------------|
| 101       | 0452 3006N | Binding Self-tapping Screw:3x6 |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6            |                   |

### 13. Transfer Belt Unit 2 (G179)

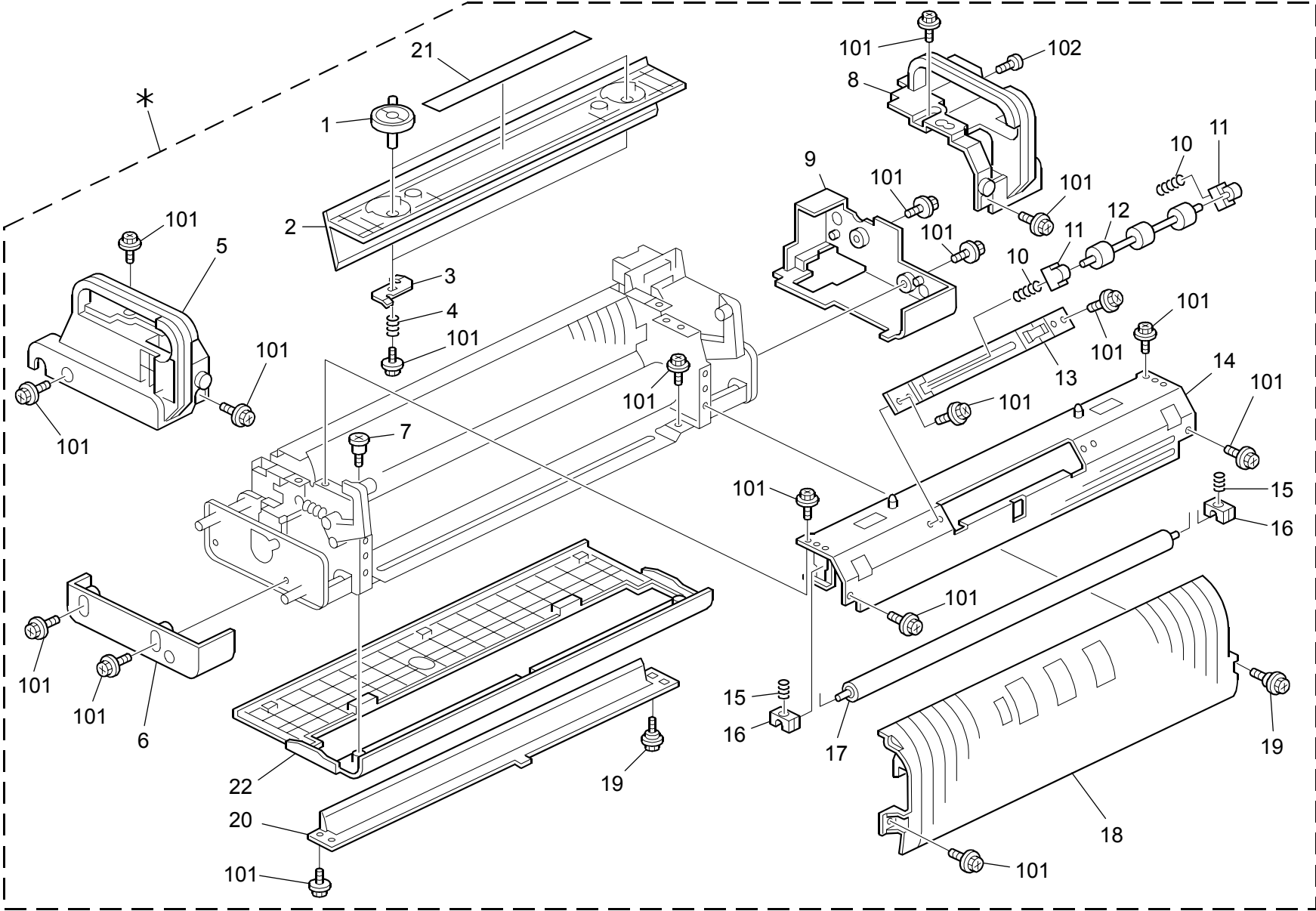


### 13.Transfer Belt Unit 2 (G179)

| Index No. | Part No.         | Description                           | Q'ty Per Assembly |
|-----------|------------------|---------------------------------------|-------------------|
| 1         | <b>AD04 1135</b> | <b>Cleaning Blade - Transfer Belt</b> | <b>1</b>          |
| 2         | D009 3943        | Bracket:Cleaning Blade:Transfer       | 1                 |
| 3         | AA06 1100        | Spring:Pressure:Cleaning Blade        | 1                 |
| 4         | D009 3919        | Release Lever Shaft                   | 1                 |
| 5         | B223 6172        | Retaining Rings-E                     | 1                 |
| 6         | D009 3920        | Fron Release Plate                    | 1                 |
| 7         | D009 3921        | Rear Release Plate                    | 1                 |
| 8         | D009 3916        | Fron Lever - Transfer Belt            | 1                 |
| 9         | AA06 3447        | Spring - Transfer Belt                | 2                 |
| 10        | D009 3917        | Rear Lever - Transfer Belt            | 1                 |
| 11        | G102 3837        | Stopper:Blade                         | 1                 |
| 12        | D009 3898        | Lever:Set:Transfer Unit:P             | 1                 |
| 13        | D009 3918        | Pelease Lever                         | 1                 |
| 14        | GW23 0001        | Toner End Sensor                      | 1                 |
| 15        | D009 3872        | Harness - Used Toner Sensor           | 1                 |
| 16        | D009 3803        | Case - Transfer Unit                  | 1                 |
| 17        | D009 3992        | Receptacle Housing - Transfer Unit    | 1                 |
| 18        | AA06 6380        | Spring                                | 1                 |
| 19        | D009 3876        | Earth Harness - Transfer Unit         | 1                 |
| 20        | AA06 6381        | Spring                                | 1                 |
| 21        | D009 3875        | Harness - Transfer Unit Bias          | 1                 |
| 22        | D009 3907        | Seal - Transfer Belt Exit             | 1                 |
| 23        | D009 3953        | Front Seal - Cleaning Blade           | 1                 |
| 24        | D009 3952        | Raer Seal - Cleaning Blade            | 1                 |
| 25        | D009 3906        | Seal - Rear Transfer Exit             | 1                 |
| 26        | B082 3867        | Shield:Remove Paper Dust              | 1                 |
| 27        | AA15 0423        | Seal - Cleaning Pressure              | 1                 |
| 28        | A232 3909        | Seal - Front Case                     | 1                 |
| 29        | A232 3908        | Seal - Rear Case                      | 1                 |
| 30        | B234 3177        | Decal:Positioning Display:Development | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6  |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8 |                   |
| 103       | 0452 3008N | Tapping Screw - M3x8 |                   |

14.Fusing Unit 1 (G179)

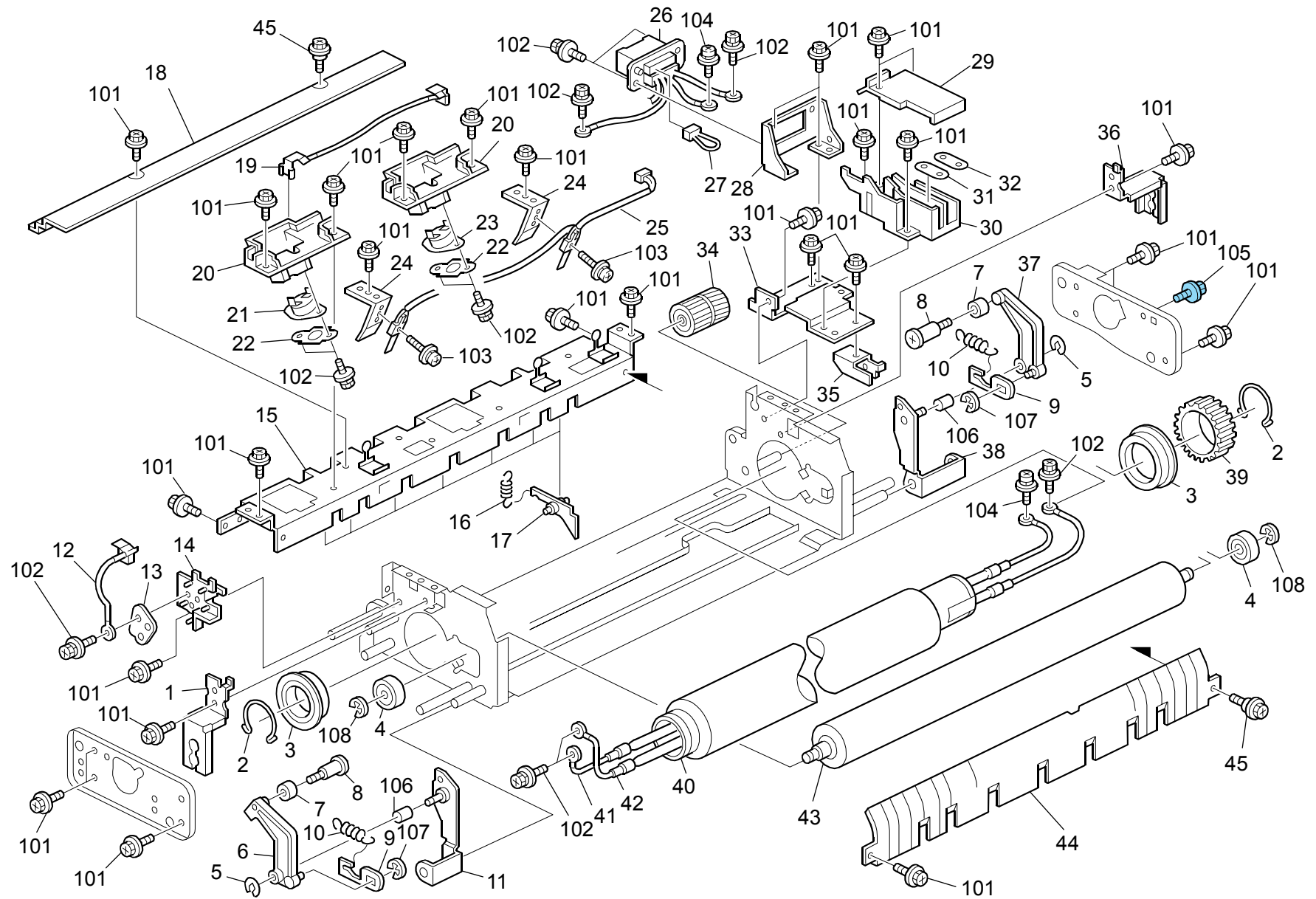


## 14.Fusing Unit 1 (G179)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| *         | G179 4102 | Fusing Unit:NA:Service             | 1                 |
| *         | G179 4103 | Fusing Unit:EU:Service             | 1                 |
| 1         | D009 4244 | Knob                               | 2                 |
| 2         | D009 4243 | Exit Guide - Pressure Roller Unit  | 1                 |
| 3         | D009 4248 | Knob Bracket                       | 2                 |
| 4         | AA06 1023 | Compression Spring - Knob          | 2                 |
| 5         | D009 4059 | Fusing Cover - Upper Front         | 1                 |
| 6         | D009 4055 | Fusing Cover - Lower Front         | 1                 |
| 7         | B223 1317 | Screw                              | 1                 |
| 8         | D009 4062 | Fusing Cover - Upper Rear          | 1                 |
| 9         | D009 4057 | Fusing Cover - Lower Rear          | 1                 |
| 10        | AA06 1022 | Spring - Driven Roller             | 2                 |
| 11        | AA08 0352 | Bushing - Driven Roller            | 2                 |
| 12        | D009 4664 | Driven Roller                      | 1                 |
| 13        | D009 4238 | Bracket - Driven Roller            | 1                 |
| 14        | D009 4225 | Stay - Pressure Roller Unit        | 1                 |
| 15        | AA06 1099 | Compression Spring:Cleaning Roller | 2                 |
| 16        | AA08 0351 | Bushing - Cleaning Roller          | 2                 |
| 17        | AE04 2098 | Cleaning Roller:Ass'y              | 1                 |
| 18        | D009 4066 | Fusing Cover - Duplex Guide        | 1                 |
| 19        | AA14 3520 | Shoulder Screw - M3                | 2                 |
| 20        | D009 4069 | Entrance Guide Plate - Fusing      | 1                 |
| 21        | D009 4242 | Decal:High Temperature             | 1                 |
| 22        | D009 4053 | Fusing Cover - Lower Middle        | 1                 |

| Index No. | Part No.   | Description  | Q'ty Per Assembly |
|-----------|------------|--------------|-------------------|
| 101       | 0360 3006N | Screw - M3x6 |                   |
| 102       | 0353 0050N | Screw-M3x5   |                   |

## 15.Fusing Unit 2 (G179)

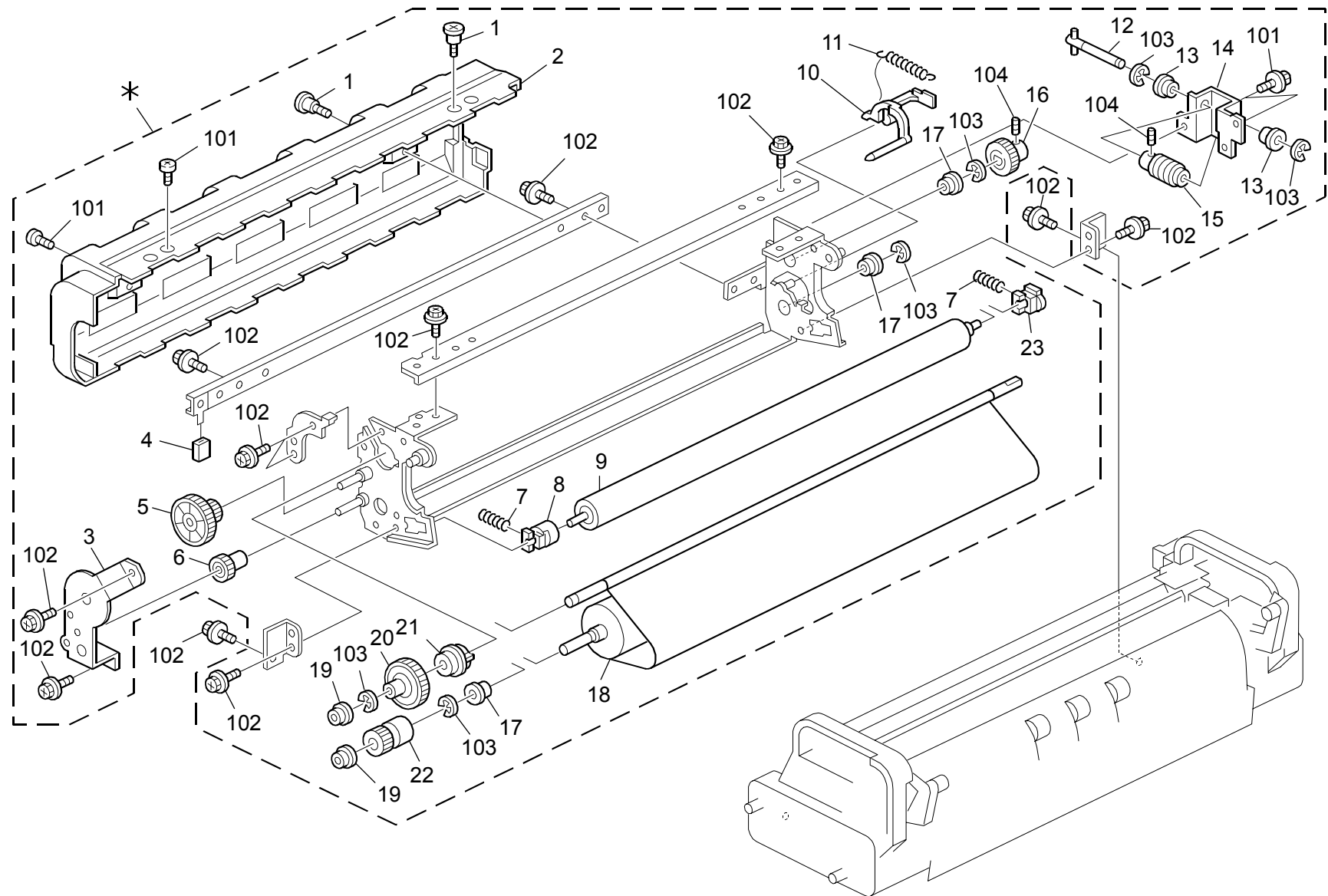


## 15.Fusing Unit 2 (G179)

| Index No. | Part No.         | Description                        | Q'ty Per Assembly |
|-----------|------------------|------------------------------------|-------------------|
| 1         | D009 4126        | Front Heater Bracket               | 1                 |
| 2         | D009 4156        | Retaining Rings-C - Hot Roller     | 2                 |
| 3         | AE03 0099        | Ball Bearing - 30x42x7             | 2                 |
| 4         | AE03 0098        | Ball Bearing - 8x22x7              | 2                 |
| 5         | B238 4166        | End Ring:Spring:DIA4               | 2                 |
| 6         | D009 4271        | Front Lever - Pressure Release     | 1                 |
| 7         | B238 4194        | Roller:Lever:Pressure              | 2                 |
| 8         | AA14 3792        | Screw:Drawer                       | 2                 |
| 9         | D009 4274        | Pressure Lock Lever                | 2                 |
| 10        | AA06 1024        | Tension Spring - Pressure          | 2                 |
| 11        | D009 4275        | Front Pressure Lever               | 1                 |
| 12        | D009 4196        | Harness 1 - Thermostat             | 1                 |
| 13        | D009 4143        | Electrode Plate 3                  | 1                 |
| 14        | D009 4135        | Terminal - AC                      | 1                 |
| 15        | D009 4166        | Stay - Hot Roller Exit             | 1                 |
| 16        | AA06 0948        | Tension Spring:Stripper Pawls:50mN | 7                 |
| 17        | AE04 4099        | Stripper Pawls                     | 7                 |
| 18        | D009 4165        | Fusing Unit Cover                  | 1                 |
| 19        | D009 4197        | Harness 2 - Thermostat             | 1                 |
| 20        | D009 4193        | Housing - Thermostat               | 2                 |
| 21        | AW11 0098        | Thermostat - 220C                  | 1                 |
| 22        | D009 4195        | Spacer - Thermostat                | 2                 |
| 23        | AW11 0099        | Thermostat - 219C                  | 1                 |
| 24        | D009 4178        | Thermistor Bracket                 | 2                 |
| 25        | <b>D009 4177</b> | <b>Thermistor</b>                  | <b>1</b>          |
| 26        | D009 4099        | Harness - Fusing Unit              | 1                 |
| 27        | D009 4097        | Harness - Set Sensor NA            | 1                 |
| 27        | D009 4098        | Set Sensor Harness - 230V          | 1                 |
| 28        | D009 4125        | Connector Bracket 2                | 1                 |
| 29        | D009 4132        | Terminal Cover                     | 1                 |
| 30        | D009 4131        | Terminal - AC/DC                   | 1                 |
| 31        | D009 4142        | Electrode Plate 2                  | 1                 |
| 32        | D009 4141        | Electrode Plate 1                  | 1                 |
| 33        | D009 4124        | Connector Bracket 1                | 1                 |
| 34        | AB01 0172        | Gear - 24Z/25Z                     | 1                 |

| Index No. | Part No.         | Description                       | Q'ty Per Assembly |
|-----------|------------------|-----------------------------------|-------------------|
| 35        | D009 4123        | Bracket:Side Plate:Auxiliary      | 1                 |
| 36        | D009 4127        | Rear Heater Bracket               | 1                 |
| 37        | D009 4291        | Rear Lever - Pressure Release     | 1                 |
| 38        | D009 4295        | Front Pressure Lever              | 1                 |
| 39        | AB01 0171        | Gear - 40Z                        | 1                 |
| 40        | <b>AE01 0099</b> | <b>Hot Roller</b>                 | <b>1</b>          |
| 41        | AX43 0112        | Heater - 120V 550W                | 1                 |
| 41        | AX43 0113        | Heater - 230V 550W                | 1                 |
| 42        | AX44 0252        | Heater - 120V 750W                | 1                 |
| 42        | AX44 0253        | Heater - 230V 750W                | 1                 |
| 43        | <b>AE02 0199</b> | <b>Pressure Roller</b>            | <b>1</b>          |
| 44        | D009 4163        | Exit Guide - Hot Roller Unit      | 1                 |
| 45        | AA14 3520        | Shoulder Screw - M3               | 2                 |
|           |                  |                                   |                   |
| 101       | 0360 3006N       | Screw - M3x6                      |                   |
| 102       | 0804 6123        | Hexagonal Bolt:W/Washer:M3x8      |                   |
| 103       | 0954 3010N       | Screw:Polished Round/Spring:M3x10 |                   |
| 104       | 0957 4008N       | Screw:Small Round/Spring:M4x8     |                   |
| 105       | 0454 3006Q       | Tapping Screw - M3x6              |                   |
| 106       | 0733 0408        | Bushing:4x8                       |                   |
| 107       | 0720 0030E       | Retaining Ring - M3               |                   |
| 108       | 0720 0060E       | Retaining Ring - M6               |                   |

## 16.Fusing Unit 3 (G179)

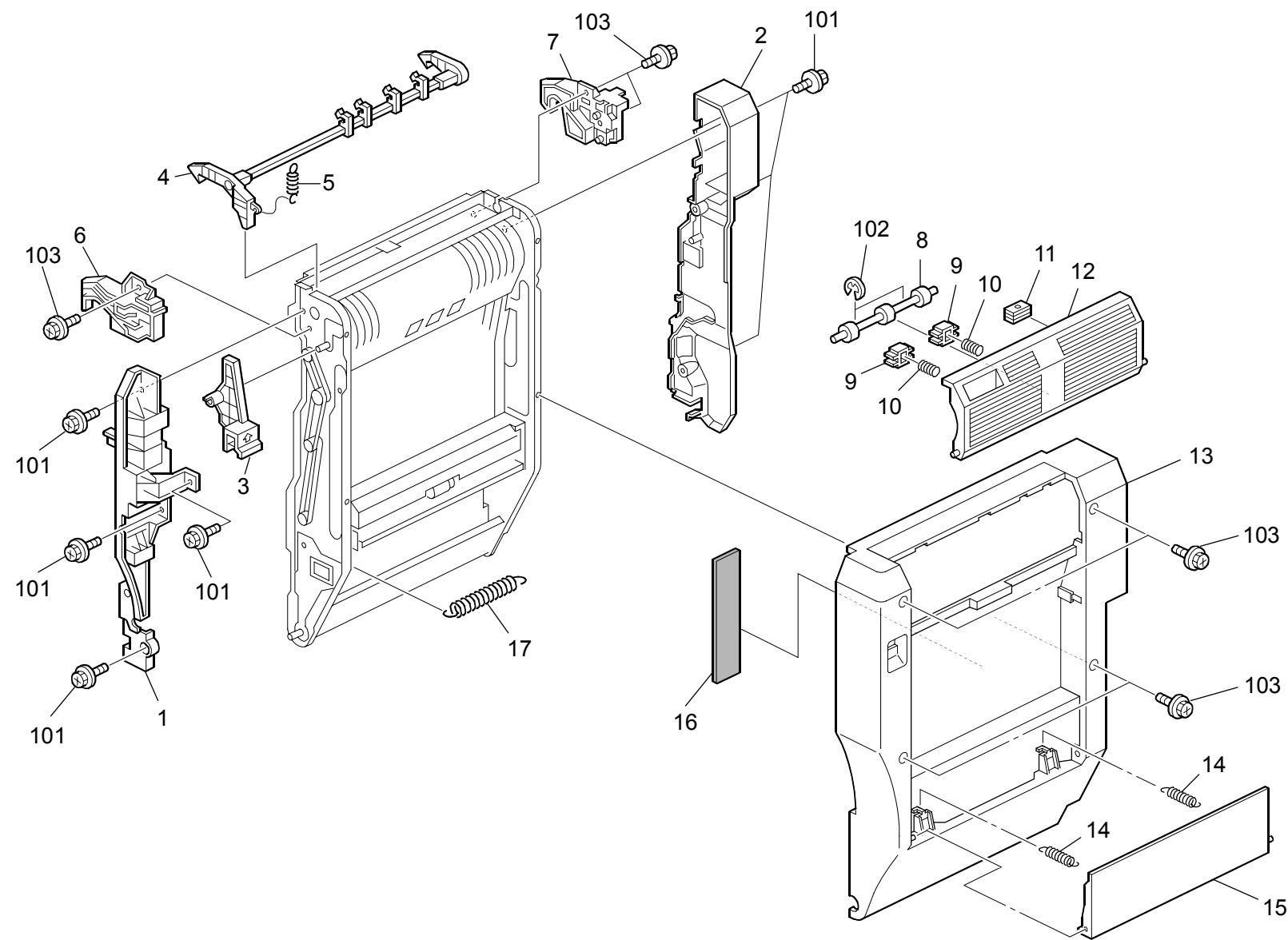


## 16.Fusing Unit 3 (G179)

| Index No. | Part No.         | Description                   | Q'ty Per Assembly |
|-----------|------------------|-------------------------------|-------------------|
| *         | D009 4305        | Cleaning Web Ass'y            | 1                 |
| 1         | AA14 3812        | Screw - Scale                 | 2                 |
| 2         | D009 4307        | Cleaning Unit Cover - Fusing  | 1                 |
| 3         | D009 4369        | Bracket - Cleaning Unit Drive | 1                 |
| 4         | <b>B065 4247</b> | <b>Brake Pad</b>              | <b>1</b>          |
| 5         | AB01 0174        | Gear - 20Z/50Z                | 1                 |
| 6         | AB01 0175        | Gear - 24Z                    | 1                 |
| 7         | AA06 3886        | Spring                        | 2                 |
| 8         | D009 4355        | Roller Clutch                 | 1                 |
| 9         | <b>AE04 0099</b> | <b>Holder Roller</b>          | <b>1</b>          |
| 10        | D009 4393        | Feeler - Web                  | 1                 |
| 11        | B065 4221        | Feeler Spring                 | 1                 |
| 12        | D009 4378        | Worm Gear Shaft               | 1                 |
| 13        | AA08 0355        | Bushing - 7mm                 | 2                 |
| 14        | D009 4377        | Worm Gear Bracket             | 1                 |
| 15        | AB01 0178        | Worm Gear                     | 1                 |
| 16        | AB01 0177        | Gear - 32Z                    | 1                 |
| 17        | AA08 0356        | Bushing - 6mm                 | 3                 |
| 18        | <b>AE04 5099</b> | <b>Cleaning Web</b>           | <b>1</b>          |
| 19        | AA08 0354        | Bushing - 6mm                 | 2                 |
| 20        | AB01 0173        | Gear - 60Z                    | 1                 |
| 21        | D009 4388        | Roller Clutch                 | 1                 |
| 22        | AB01 0176        | Gear - 24Z                    | 1                 |
| 23        | AA08 0353        | Bushing - 4mm                 | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0353 0050N | Screw-M3x5                        |                   |
| 102       | 0360 3006N | Screw - M3x6                      |                   |
| 103       | 0720 0040E | Retaining Ring - M4               |                   |
| 104       | 0573 0030E | Hexagon Headless Set Screw - M3x3 |                   |

17.Duplex Unit 1 (G179)

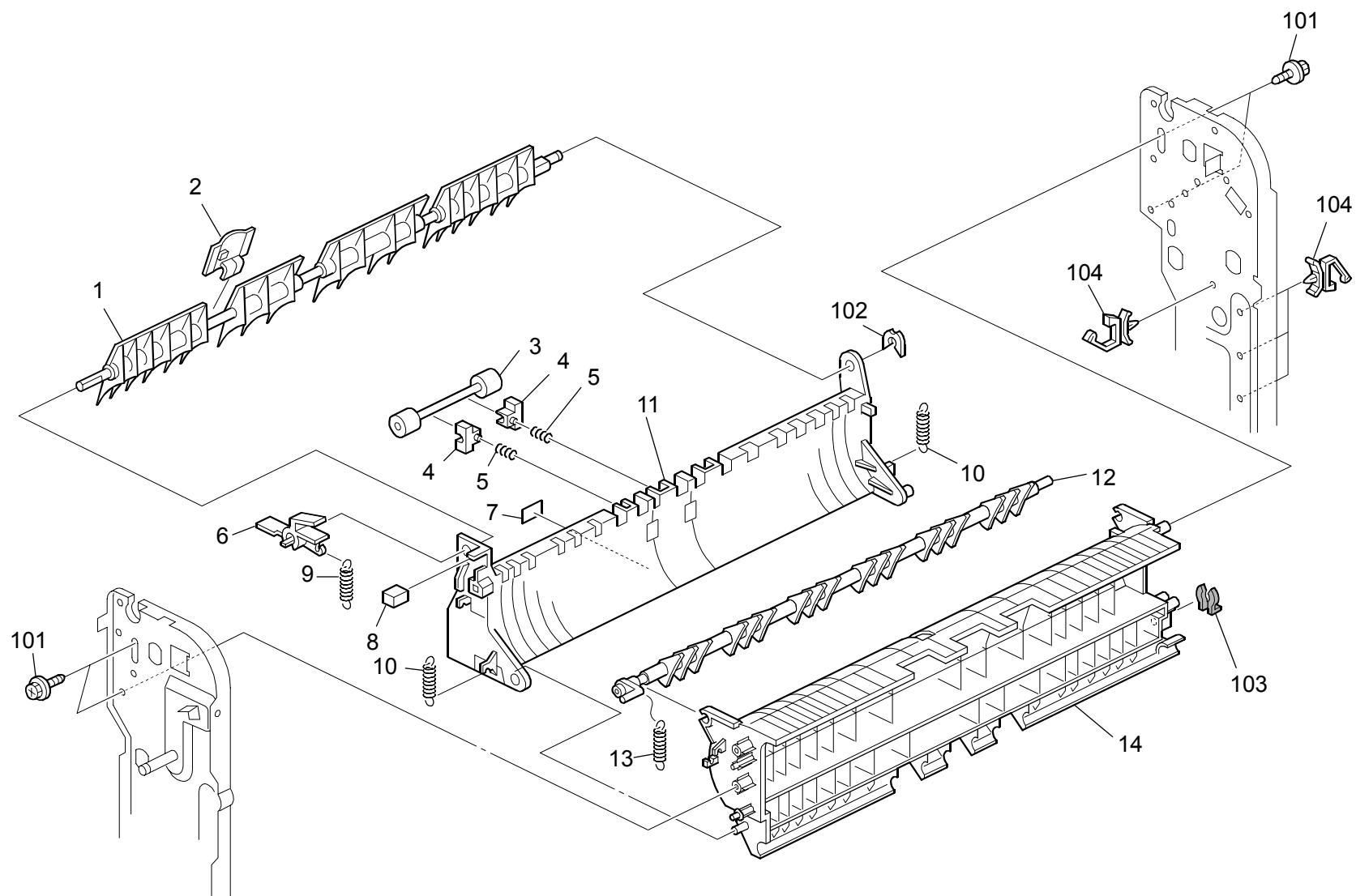


## 17.Duplex Unit 1 (G179)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | D009 4534 | Front Inner Cover - Duplex      | 1                 |
| 2         | D009 4533 | Rear Inner Cover - Duplex       | 1                 |
| 3         | B223 4579 | Grip:Open and Close:Duplex Unit | 1                 |
| 4         | D009 4590 | Stopper Hook - Duplex Unit      | 1                 |
| 5         | D009 4532 | Tension Spring - Stopper Hook   | 1                 |
| 6         | D009 4537 | Front Release Arm               | 1                 |
| 7         | D009 4538 | Rear Release Arm                | 1                 |
| 8         | D009 4664 | Driven Roller                   | 1                 |
| 9         | AA08 0254 | Bushing - M4                    | 2                 |
| 10        | B223 4538 | Compression Spring              | 2                 |
| 11        | AG07 0514 | Magnet Catch                    | 1                 |
| 12        | B223 4531 | Guide Plate:Cover               | 1                 |
| 13        | D009 4540 | Cover - Duplex Unit             | 1                 |
| 14        | B223 2665 | Spring:Cover:Manual Feed        | 2                 |
| 15        | B223 2664 | Cover:Manual Feed:Entrance      | 1                 |
| 16        | B223 4539 | Sheet:Cover:Duplex              | 1                 |
| 17        | B223 4525 | Tension Spring:Wire:180N        | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6  |                   |
| 102       | 0720 0030E | Retaining Ring - M3  |                   |
| 103       | 0451 3008N | Tapping Screw - M3x8 |                   |

18.Duplex Unit 2 (G179)

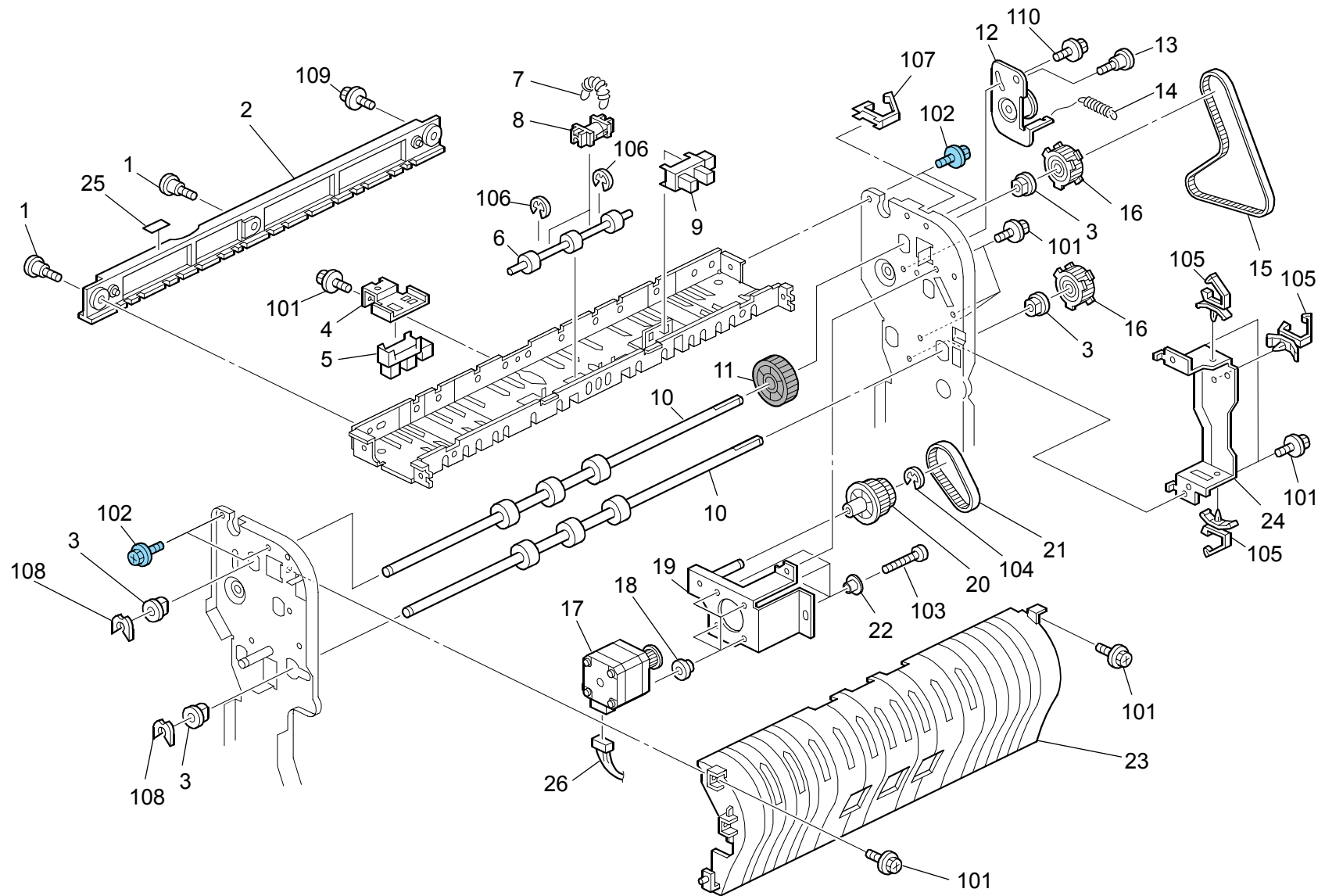


## 18.Duplex Unit 2 (G179)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | D009 4483 | Upper Gate                     | 1                 |
| 2         | D009 4481 | Grip - Upper Gate              | 1                 |
| 3         | D009 4489 | Driven Roller                  | 1                 |
| 4         | D009 4485 | Bushing - Gate                 | 2                 |
| 5         | D009 4487 | Compression Spring - Gate      | 2                 |
| 6         | D009 4486 | Lever - Upper Gate             | 1                 |
| 7         | D009 4409 | Sheet - Gate                   | 1                 |
| 8         | B223 4494 | Stopper- Uppergate Pawl        | 1                 |
| 9         | B223 4479 | Tension Spring:Gate Pawl:1.6N  | 1                 |
| 10        | D009 4488 | Right Spring - Guide Plate     | 2                 |
| 11        | D009 4482 | Right Guide Plate - Open/Close | 1                 |
| 12        | D009 4577 | Duplex Gate                    | 1                 |
| 13        | D009 4579 | Tension Spring - Duplex Gate   | 1                 |
| 14        | D009 4503 | Guide Plate - Left Upper       | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0456 3008N | Tapping Screw - M3x8       |                   |
| 102       | 0805 0092  | Retaining Ring - 3m        |                   |
| 103       | 0805 0097  | Ring Separator             |                   |
| 104       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |

## 19. Duplex Unit 3 (G179)

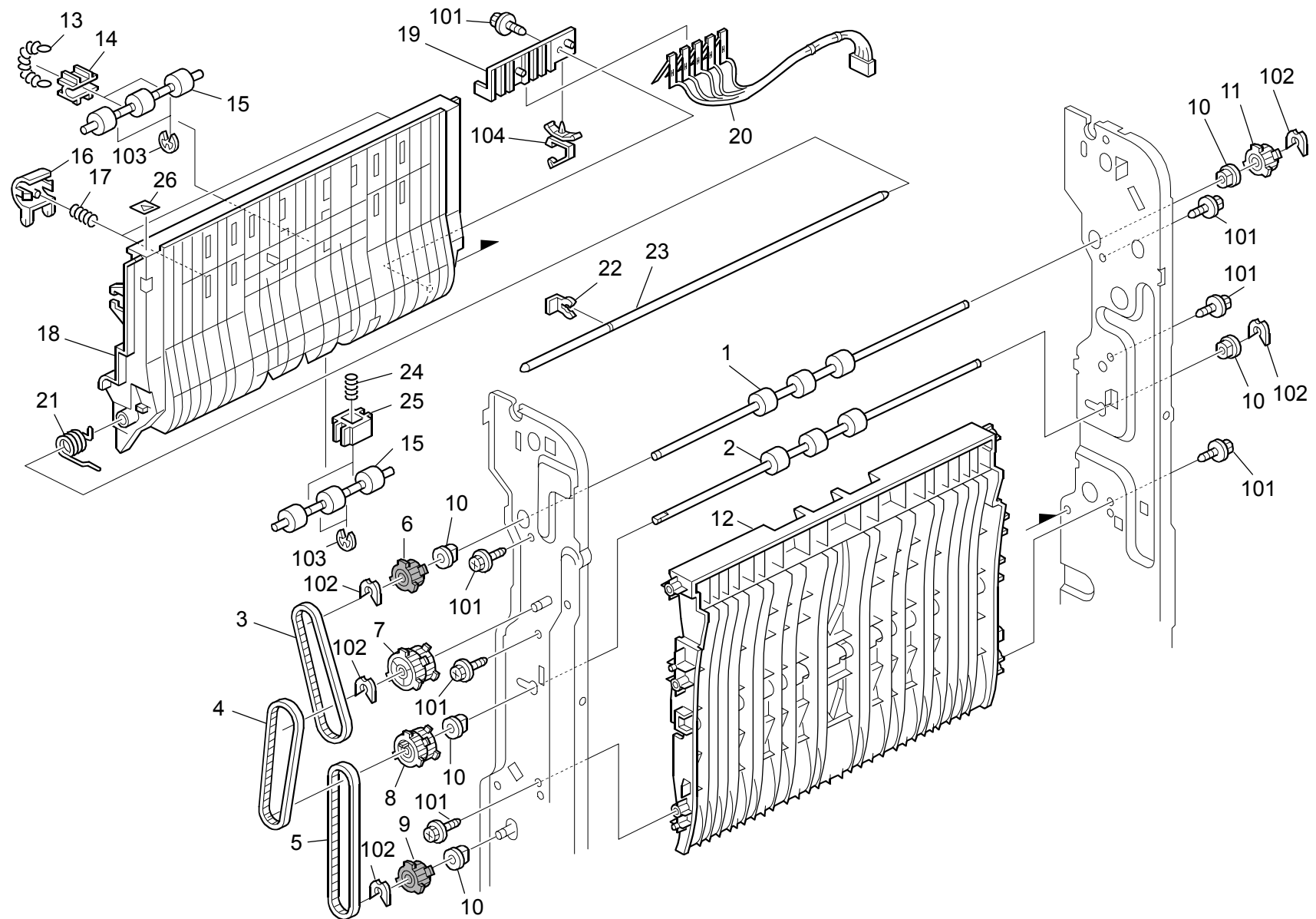


## 19.Duplex Unit 3 (G179)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | AA14 3807 | Screw:A                      | 2                 |
| 2         | D009 4504 | Upper Guide Plate - Gate     | 1                 |
| 3         | AA08 2101 | Bushing - 6x10x6             | 4                 |
| 4         | B223 4566 | Bracket:Sensor:Entrance      | 1                 |
| 5         | AW01 0107 | Paper Feed Sensor            | 1                 |
| 6         | D009 4664 | Driven Roller                | 1                 |
| 7         | B223 4560 | Tension Spring:Driven Roller | 2                 |
| 8         | B223 4552 | Bushing:DIA4                 | 2                 |
| 9         | AW02 0145 | Photointerruptor:Flat        | 1                 |
| 10        | D009 4661 | Reverse Roller - Feed        | 2                 |
| 11        | AB01 4161 | Reverse Roller Gear          | 1                 |
| 12        | B223 4562 | Tightener                    | 1                 |
| 13        | B044 1847 | Shoulder Screw               | 1                 |
| 14        | B223 4564 | Spring:Tightener             | 1                 |
| 15        | B223 4526 | Timing Belt:30S2M268         | 1                 |
| 16        | B223 4586 | Pulley:T30                   | 2                 |
| 17        | B223 4572 | Stepper Motor:DC4.29V 1.7W   | 1                 |
| 18        | AA10 1021 | Rubber Bushing - 6 45HS      | 4                 |
| 19        | B223 4575 | Bracket:Stepper Motor        | 1                 |
| 20        | B223 4571 | Gear:Pulley:Z24/T40          | 1                 |
| 21        | B223 4573 | Timing Belt:30S2M128         | 1                 |
| 22        | B044 1825 | Collar                       | 4                 |
| 23        | B223 4501 | Guide Plate:Right            | 1                 |
| 24        | D009 4521 | Harness Bracket              | 1                 |
| 25        | D009 4497 | Decal - Right Guide          | 1                 |
| 26        | D009 4652 | Motor Harness                | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6       |                   |
| 103       | 0353 0100N | Screw-M3x10                |                   |
| 104       | 0720 0040E | Retaining Ring - M4        |                   |
| 105       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 106       | 0720 0030E | Retaining Ring - M3        |                   |
| 107       | 1105 0551  | Clamp:LES-0505             |                   |
| 108       | 0805 0088  | Retaining Ring - M6        |                   |
| 109       | 0451 3008N | Tapping Screw - M3x8       |                   |
| 110       | 0802 5299  | Tapping Screw - M3x8       |                   |

## 20. Duplex Unit 4 (G179)

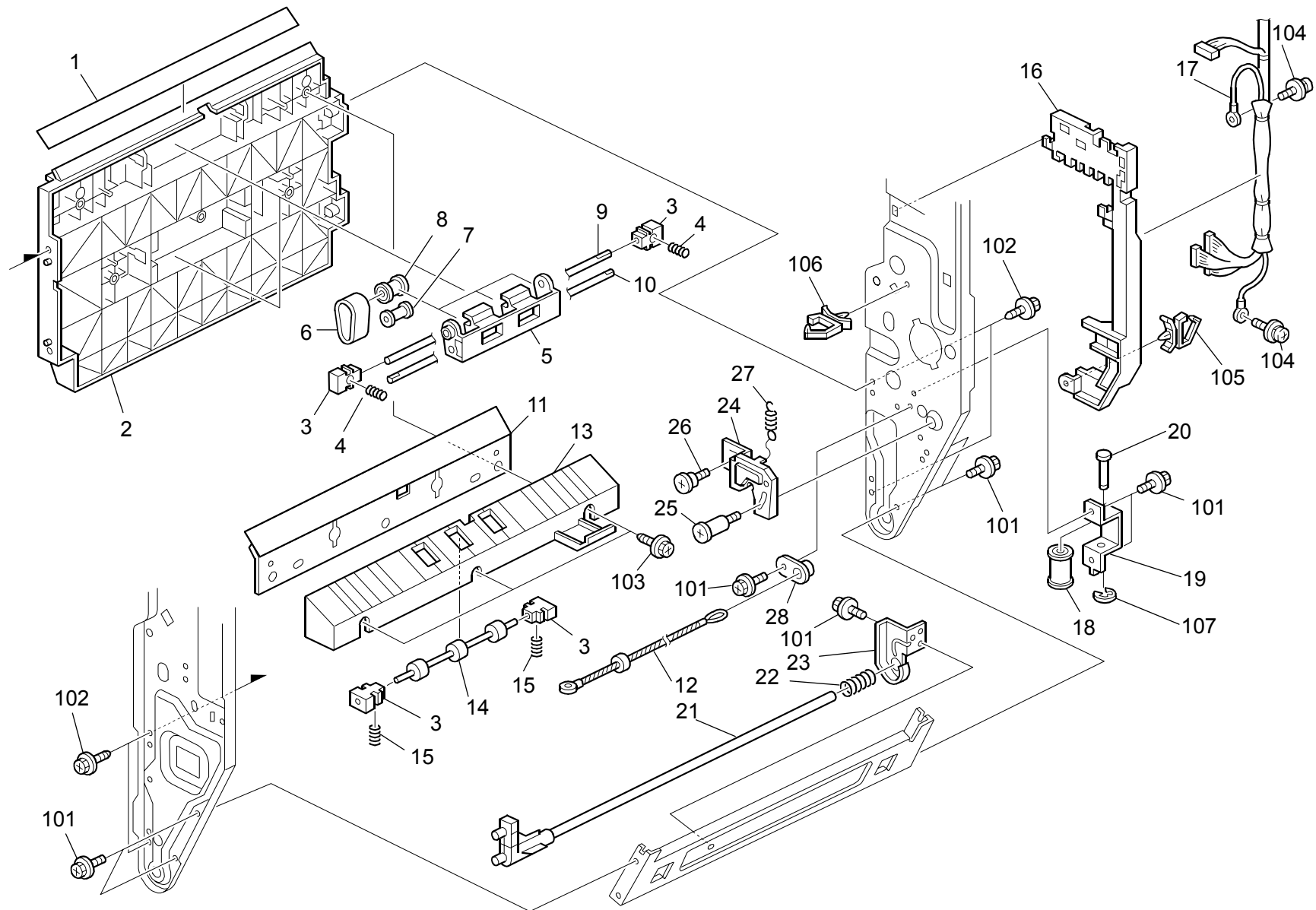


## 20.Duplex Unit 4 (G179)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 1         | D009 4662 | Transport Roller 1                    | 1                 |
| 2         | D009 4663 | Transport Roller 2                    | 1                 |
| 3         | B223 4512 | Timing Belt:30S2M182                  | 1                 |
| 4         | B223 4536 | Timing Belt:30S2M234                  | 1                 |
| 5         | B223 4511 | Timing Belt:30S2M312                  | 1                 |
| 6         | B223 4529 | Roller Clutch:T24                     | 1                 |
| 7         | B223 4544 | Pulley:T35/T33                        | 1                 |
| 8         | B223 4527 | Pulley:T26/T24                        | 1                 |
| 9         | B223 4535 | Roller Clutch:T26                     | 1                 |
| 10        | AA08 2104 | Bushing - 8x12x7                      | 5                 |
| 11        | B223 4514 | Roller Clutch:T24                     | 1                 |
| 12        | B223 4502 | Guide Plate:Left Lower                | 1                 |
| 13        | B223 4553 | Tension Spring:Driven Roller          | 2                 |
| 14        | B223 4552 | Bushing:DIA4                          | 2                 |
| 15        | D009 4664 | Driven Roller                         | 2                 |
| 16        | D009 3860 | Spring Cover - Transfer Unit          | 2                 |
| 17        | AA06 3448 | Pressure Spring - Transfer Unit       | 2                 |
| 18        | D009 4551 | Guide Plate - Holder                  | 1                 |
| 19        | D009 3861 | Terminal Holder - Transfer Unit       | 1                 |
| 20        | D009 3874 | Sensor Harness                        | 1                 |
| 21        | D009 4541 | Front Torsion Spring                  | 1                 |
| 22        | AA10 0014 | Retaining Ring C - Separate           | 1                 |
| 23        | D009 4545 | Holder Shaft - Transfer Unit          | 1                 |
| 24        | AA06 3303 | Pressure Spring                       | 2                 |
| 25        | AA08 0254 | Bushing - M4                          | 2                 |
| 26        | B234 3177 | Decal:Positioning Display:Development | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0456 3008N | Tapping Screw - M3x8  |                   |
| 102       | 0805 0089  | Retaining Ring - M4   |                   |
| 103       | 0720 0030E | Retaining Ring - M3   |                   |
| 104       | 1105 0623  | Clamp - LBWS-0206S-V0 |                   |

## 21. Duplex Unit 5 (G179)

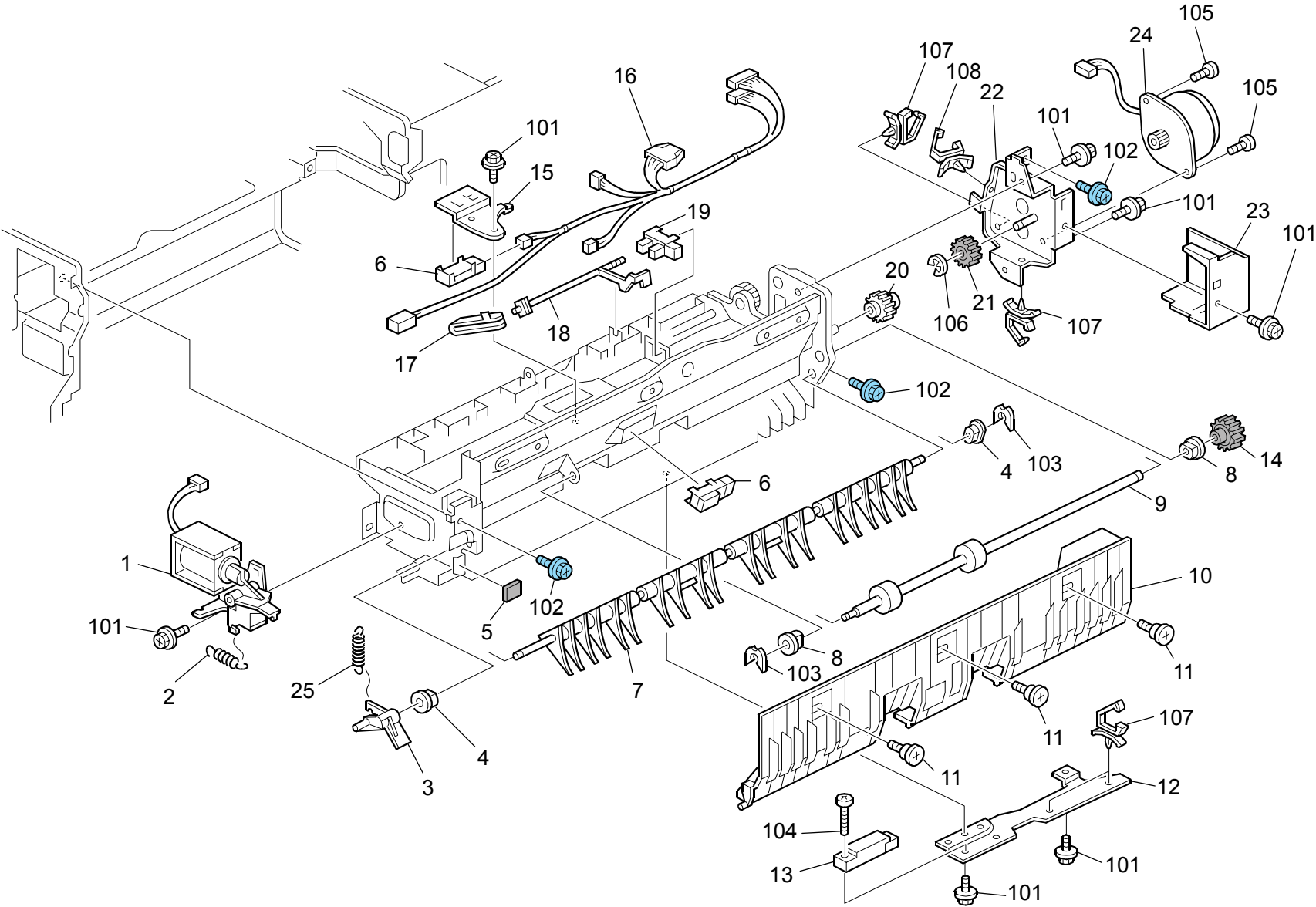


## 21.Duplex Unit 5 (G179)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | D009 2554 | Guide Sheet - Vertical Transport | 1                 |
| 2         | D009 2563 | Guide Plate - Vertical Transport | 1                 |
| 3         | G060 2652 | Bushing - M4                     | 6                 |
| 4         | B223 2676 | Spring - 11N                     | 4                 |
| 5         | D009 2571 | Holder - Vertical Transport      | 2                 |
| 6         | D009 2572 | Transport Belt                   | 6                 |
| 7         | D009 2574 | Pulley - Idler                   | 6                 |
| 8         | D009 2573 | Pulley - Vertical Transport      | 6                 |
| 9         | D009 2576 | Shaft - Vertical Transport       | 2                 |
| 10        | D009 2575 | Shaft - Idler                    | 2                 |
| 11        | D009 2510 | Guide Plate - Exit               | 1                 |
| 12        | B223 4524 | Wire:Stopper:DIA1.5              | 1                 |
| 13        | B223 2648 | Guide Plate:Transport Unit:Exit  | 1                 |
| 14        | D009 2560 | Driven Roller                    | 1                 |
| 15        | B223 2649 | Spring:Pressure:5N               | 2                 |
| 16        | D009 4535 | Harness Guide                    | 1                 |
| 17        | D009 4651 | Harness - Duplex Unit            | 1                 |
| 18        | B223 4595 | Pulley:DIA13                     | 1                 |
| 19        | D009 4597 | Bracket - Wire Pulley Shaft      | 1                 |
| 20        | B223 4594 | Shaft:Pulley:Wire                | 1                 |
| 21        | D009 4599 | Shaft - Duplex Unit              | 1                 |
| 22        | D009 4598 | Spring - Set Shaft               | 1                 |
| 23        | D009 4589 | Guide - Set Shaft                | 1                 |
| 24        | D009 4588 | Stopper Bracket - Spring         | 1                 |
| 25        | AA14 3183 | Stepped Screw                    | 1                 |
| 26        | D009 4593 | Stepped Screw - M3               | 1                 |
| 27        | D009 4587 | Tension Spring - Release Bracket | 1                 |
| 28        | B223 4522 | Spacer:Wire:Stopper              | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0456 3008N | Tapping Screw - M3x8       |                   |
| 103       | 0456 3010N | Tapping Screw - M3x10      |                   |
| 104       | 0954 3008N | Screw - M3x8               |                   |
| 105       | 1105 0508  | Harness Clamp - LWS-0711   |                   |
| 106       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 107       | 0720 0040E | Retaining Ring - M4        |                   |

22.Paper Exit Section 1 (G179)

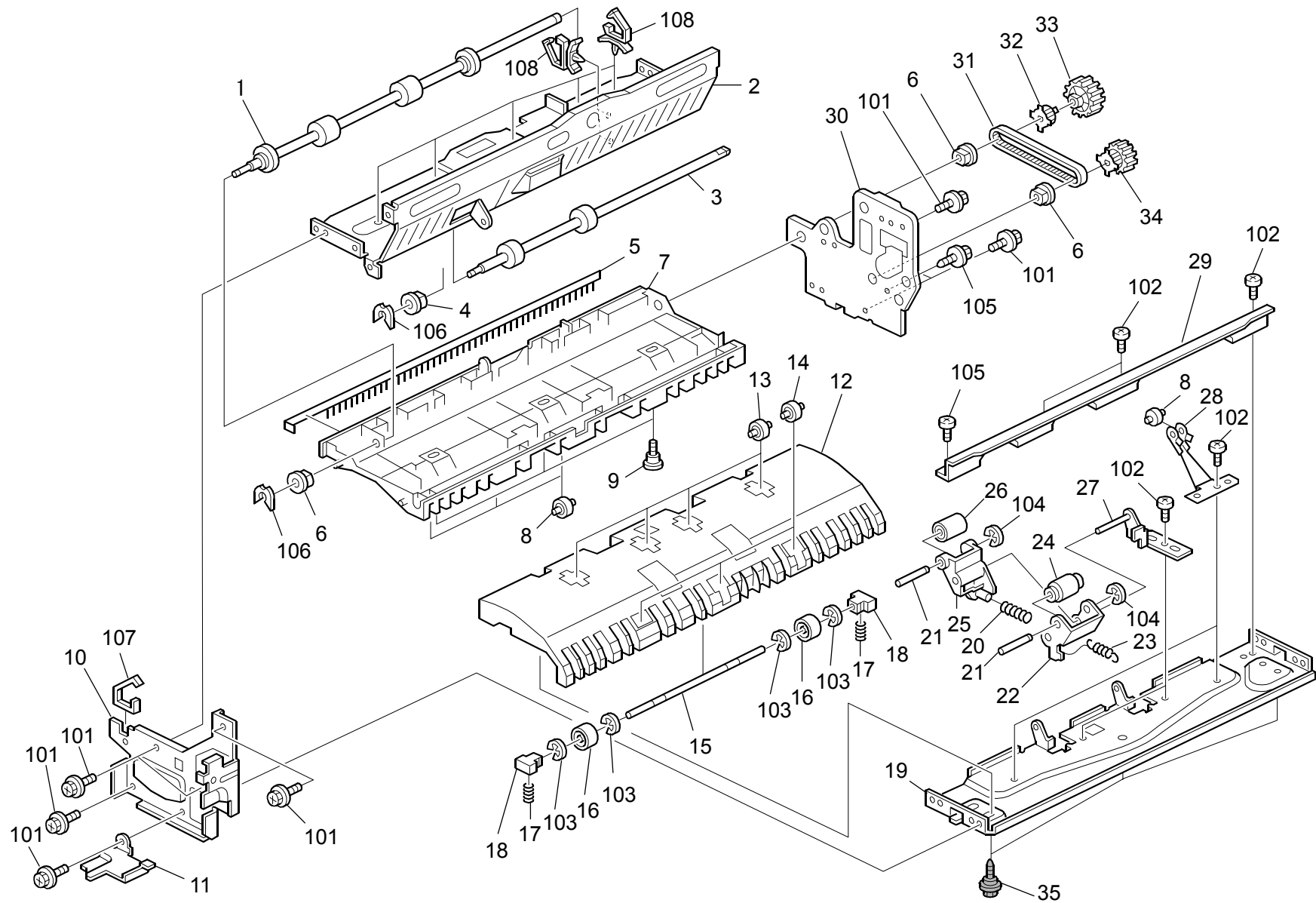


## 22.Paper Exit Section 1 (G179)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | D009 4451 | DC Solenoid - Exit             | 1                 |
| 2         | D009 4457 | Tension Spring Release         | 1                 |
| 3         | D009 4438 | Lever - Entrance Gate          | 1                 |
| 4         | D009 4439 | Bushing - 4mm                  | 2                 |
| 5         | D009 4455 | Cushion - DC Solenoid          | 1                 |
| 6         | AW01 0107 | Paper Feed Sensor              | 2                 |
| 7         | D009 4436 | Entrance Gate                  | 1                 |
| 8         | H053 2208 | Bushing - M4                   | 2                 |
| 9         | D009 4445 | Transport Roller               | 1                 |
| 10        | D009 4441 | Exit Guide Plate - Upper Right | 1                 |
| 11        | 5206 2684 | Shoulder Screw - M3            | 3                 |
| 12        | D009 4408 | Bracket:Sensor:Fusing Exit     | 1                 |
| 13        | AW01 0127 | Paper Feed Sensor              | 1                 |
| 14        | D009 4464 | Gear - 22Z                     | 1                 |
| 15        | D009 4447 | Exit Sensor Bracket            | 1                 |
| 16        | D009 4499 | Harness - Paper Exit Unit      | 1                 |
| 17        | D009 4407 | Feeler - Overflow              | 1                 |
| 18        | B223 4497 | Shaft:Feeler:Overflow          | 1                 |
| 19        | AW02 0145 | Photointerruptor:Flat          | 1                 |
| 20        | D009 4461 | Gear - 17Z                     | 1                 |
| 21        | D009 4469 | Gear - 17Z                     | 1                 |
| 22        | D009 4471 | Stepper Motor Bracket          | 1                 |
| 23        | D009 4490 | Exit Motor Cover               | 1                 |
| 24        | D009 4467 | Stepper Motor - DC 5.79W       | 1                 |
| 25        | D009 4448 | Tension Spring - Gate Pawl     | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6       |                   |
| 103       | 0805 0092  | Retaining Ring - 3m        |                   |
| 104       | 0353 0100N | Screw-M3x10                |                   |
| 105       | 0453 3006N | Tapping Screw - M3x6       |                   |
| 106       | 0720 0040E | Retaining Ring - M4        |                   |
| 107       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 108       | 1105 0516  | Clamp                      |                   |

## 23. Paper Exit Section 2 (G179)

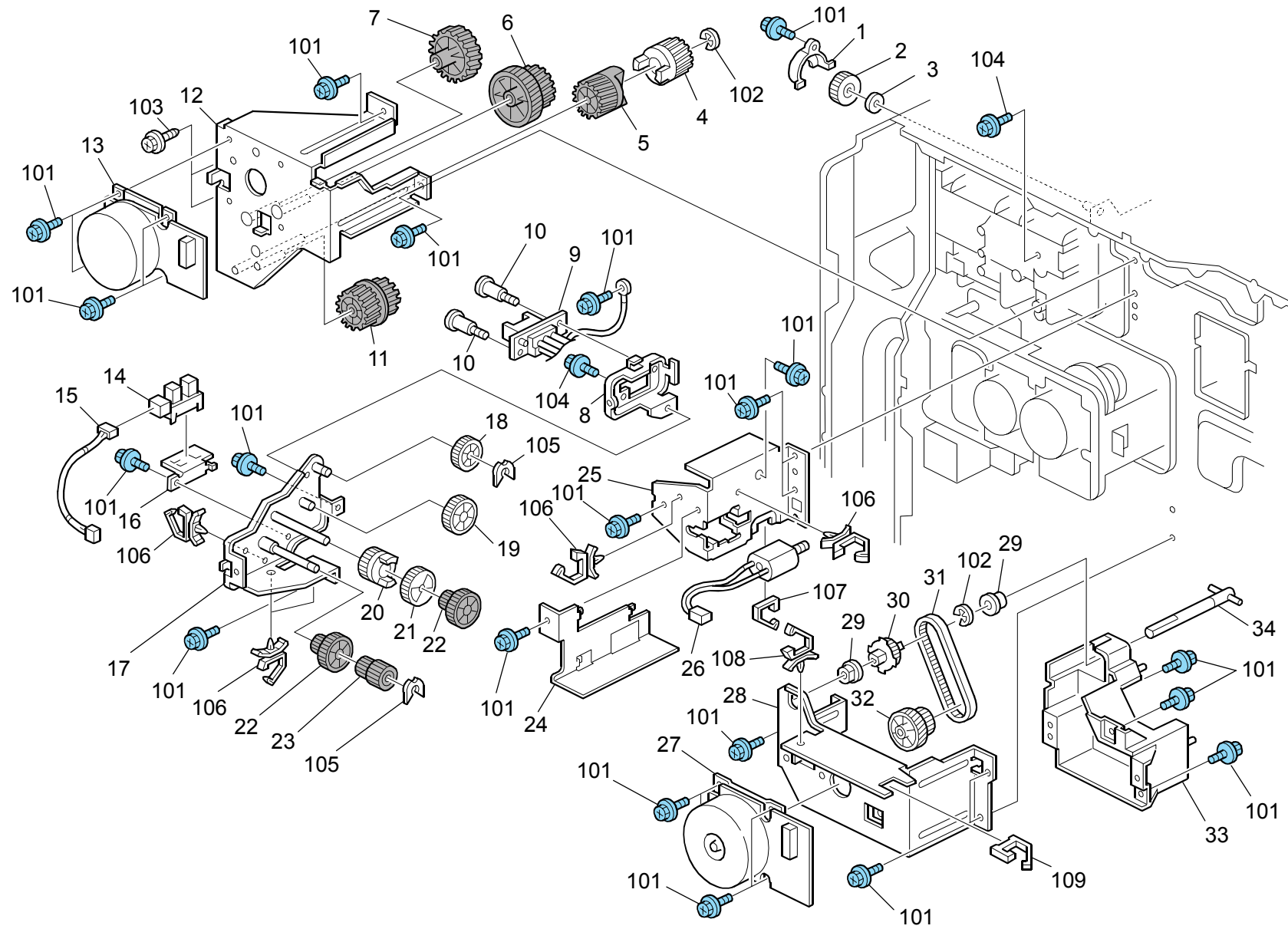


## 23.Paper Exit Section 2 (G179)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | D009 4444 | Exit Roller                       | 1                 |
| 2         | D009 4428 | Upper Stay                        | 1                 |
| 3         | D009 4445 | Transport Roller                  | 1                 |
| 4         | H053 2208 | Bushing - M4                      | 1                 |
| 5         | D009 4443 | Discharge Brush - Exit            | 1                 |
| 6         | AA08 2101 | Bushing - 6x10x6                  | 3                 |
| 7         | D009 4442 | Exit Guide Plate - Upper          | 1                 |
| 8         | AF04 0575 | Driven Roller                     | 5                 |
| 9         | 5206 2684 | Shoulder Screw - M3               | 3                 |
| 10        | D009 4434 | Front Side Plate                  | 1                 |
| 11        | D009 4406 | Separation Plate - Paper Exit     | 1                 |
| 12        | D009 4412 | Lower Guide Plate - Exit          | 1                 |
| 13        | AF04 0571 | Guide Roller                      | 4                 |
| 14        | B223 4428 | Roller:Guide:PFA                  | 3                 |
| 15        | D009 4422 | Driven Roller Shaft               | 1                 |
| 16        | B223 4435 | Roller:Auxiliary:Driven:DIA16:PFA | 2                 |
| 17        | D009 4419 | Spring - Lower Guide Plate        | 2                 |
| 18        | D009 4498 | Bushing - Lower Guide Plate       | 2                 |
| 19        | D009 4413 | Lower Stay - Exit                 | 1                 |
| 20        | D009 4477 | Spring - Exit Pressure            | 2                 |
| 21        | B213 4460 | Shaft:Pressure Roller             | 4                 |
| 22        | D009 4491 | Entrance Arm                      | 2                 |
| 23        | D009 4476 | Spring - Entrance Pressure        | 2                 |
| 24        | AF04 0601 | Pressure Roller:Entrance          | 2                 |
| 25        | D009 4492 | Exit Arm                          | 2                 |
| 26        | AF04 0599 | Pressure Roller:15                | 2                 |
| 27        | D009 4493 | Bracket - Contact Point           | 2                 |
| 28        | D009 4496 | Spring Plate - Exit Roller        | 2                 |
| 29        | D009 4478 | Lower Supporting Plate            | 1                 |
| 30        | D009 4431 | Rear Side Plate                   | 1                 |
| 31        | D009 4466 | Timing Belt - 30S2M172            | 1                 |
| 32        | D009 4465 | Timing Pulley - 22T               | 1                 |
| 33        | D009 4462 | Gear - 22Z                        | 1                 |
| 34        | D009 4463 | Gear/Pulley - 22Z/22T             | 1                 |
| 35        | D009 4418 | Stepped Tapping Screw - M3        | 3                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0353 0040N | Screw - M3x4               |                   |
| 103       | 0720 0025E | Retaining Ring - M2.5      |                   |
| 104       | 0720 0030E | Retaining Ring - M3        |                   |
| 105       | 0456 3008N | Tapping Screw - M3x8       |                   |
| 106       | 0805 0092  | Retaining Ring - 3m        |                   |
| 107       | 1105 0551  | Clamp:LES-0505             |                   |
| 108       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |

## 24. Drive Section 1 (G179)

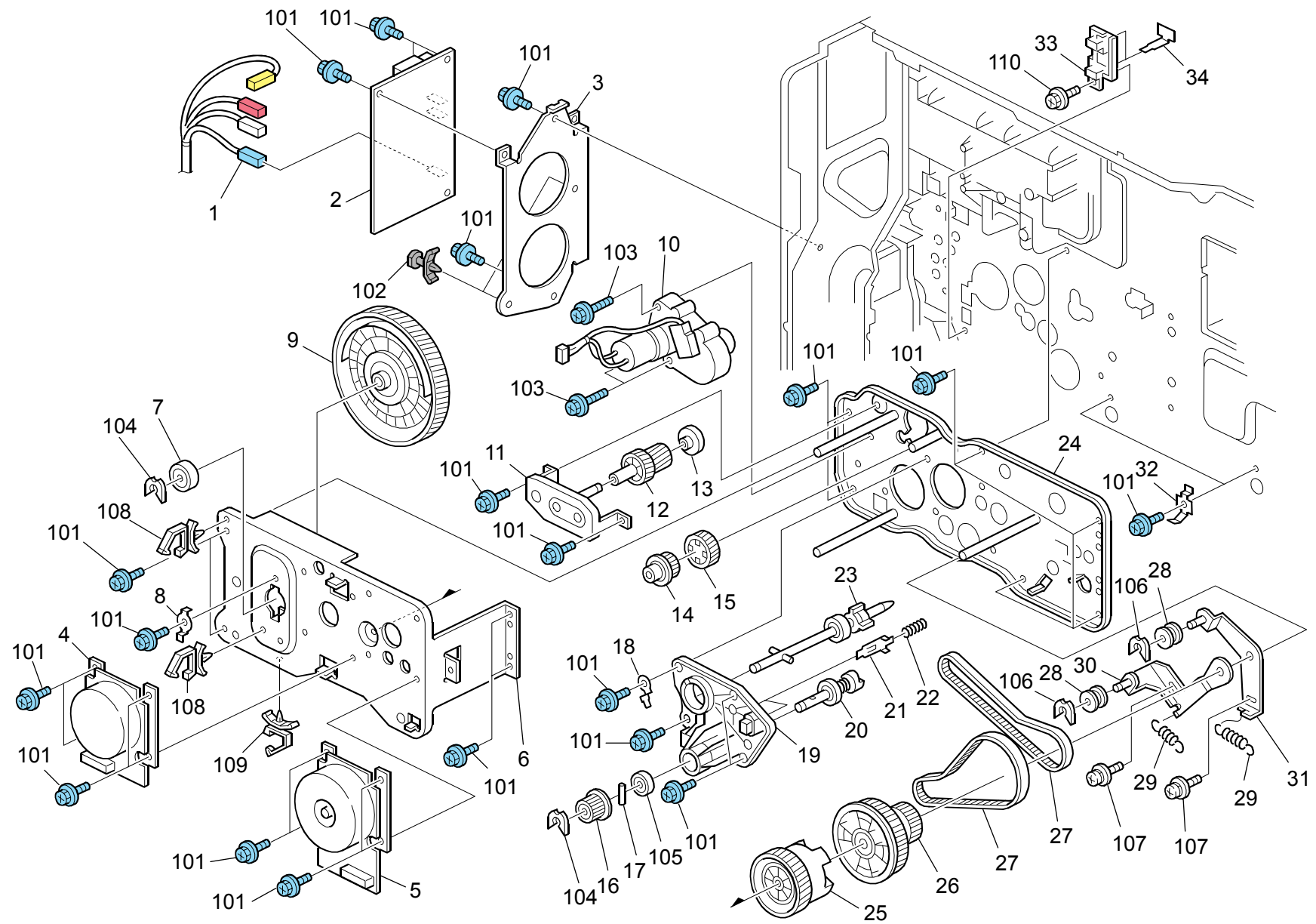


## 24. Drive Section 1 (G179)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | D009 1182 | Joint Cover                     | 1                 |
| 2         | D009 1183 | Joint - Cleaning                | 1                 |
| 3         | AA13 2208 | Spacer - M6                     | 1                 |
| 4         | AB01 4284 | Gear - 24Z                      | 1                 |
| 5         | AB01 4283 | Gear - 24Z                      | 1                 |
| 6         | AB01 4280 | Gear - 26Z/90Z                  | 1                 |
| 7         | AB01 4281 | Gear - 40Z                      | 1                 |
| 8         | D009 1090 | Connector Bracket - Fusing      | 1                 |
| 9         | D009 5620 | AC Harness - Fusing             | 1                 |
| 10        | AA14 3744 | Stepped Screw                   | 2                 |
| 11        | AB01 4282 | Gear - 26Z/30Z                  | 1                 |
| 12        | D009 1171 | Bracket - Fusing Drive Sub-Unit | 1                 |
| 13        | AX06 0356 | Brushless Motor:DC24V 18W       | 1                 |
| 14        | AW02 0150 | Photointerruptor:Flat:7mm       | 1                 |
| 15        | D009 5500 | Interface Harness - Web Sensor  | 1                 |
| 16        | D009 1193 | Sensor Bracket                  | 1                 |
| 17        | D009 1187 | Bracket - Fusing Cleaning Drive | 1                 |
| 18        | AB01 1523 | Gear - 24Z                      | 1                 |
| 19        | AB01 1524 | Gear - 36Z                      | 1                 |
| 20        | AB01 1526 | Gear - 24Z                      | 1                 |
| 21        | AB01 1525 | Gear - 32Z                      | 1                 |
| 22        | AB01 1527 | Gear - 14Z/32Z                  | 2                 |
| 23        | AB01 1528 | Gear - 14Z/32Z                  | 1                 |
| 24        | D009 1194 | Motor Holder                    | 1                 |
| 25        | D009 1195 | Notor Bracket                   | 1                 |
| 26        | AX04 0167 | Motor:DC5V 0.71W                | 1                 |
| 27        | AX06 0355 | Brushless Motor - DC 11W        | 1                 |
| 28        | D009 1161 | Bracket - Paddle Roller Drive   | 1                 |
| 29        | AA08 0347 | Bushing - 8mm                   | 2                 |
| 30        | AB03 0815 | Timing Pulley - 24T             | 1                 |
| 31        | AA04 3656 | Timing Belt - 60S3M177          | 1                 |
| 32        | AB01 7743 | Gear - 20Z                      | 1                 |
| 33        | D009 1158 | Holder - Paddle Roller Drive    | 1                 |
| 34        | D009 1164 | Shaft - Paddle Rooler Drive     | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6       |                   |
| 102       | 0720 0060E | Retaining Ring - M6        |                   |
| 103       | 0456 3008N | Tapping Screw - M3x8       |                   |
| 104       | 0454 3008Q | Tapping Screw:3x8          |                   |
| 105       | 0805 0089  | Retaining Ring - M4        |                   |
| 106       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |
| 107       | 1105 0522  | Edge Saddle - LES0510      |                   |
| 108       | 1105 0487  | Harness Clamp              |                   |
| 109       | 1105 0613  | Clamp:EDS-1010L-V0         |                   |

## 25. Drive Section 2 (G179)

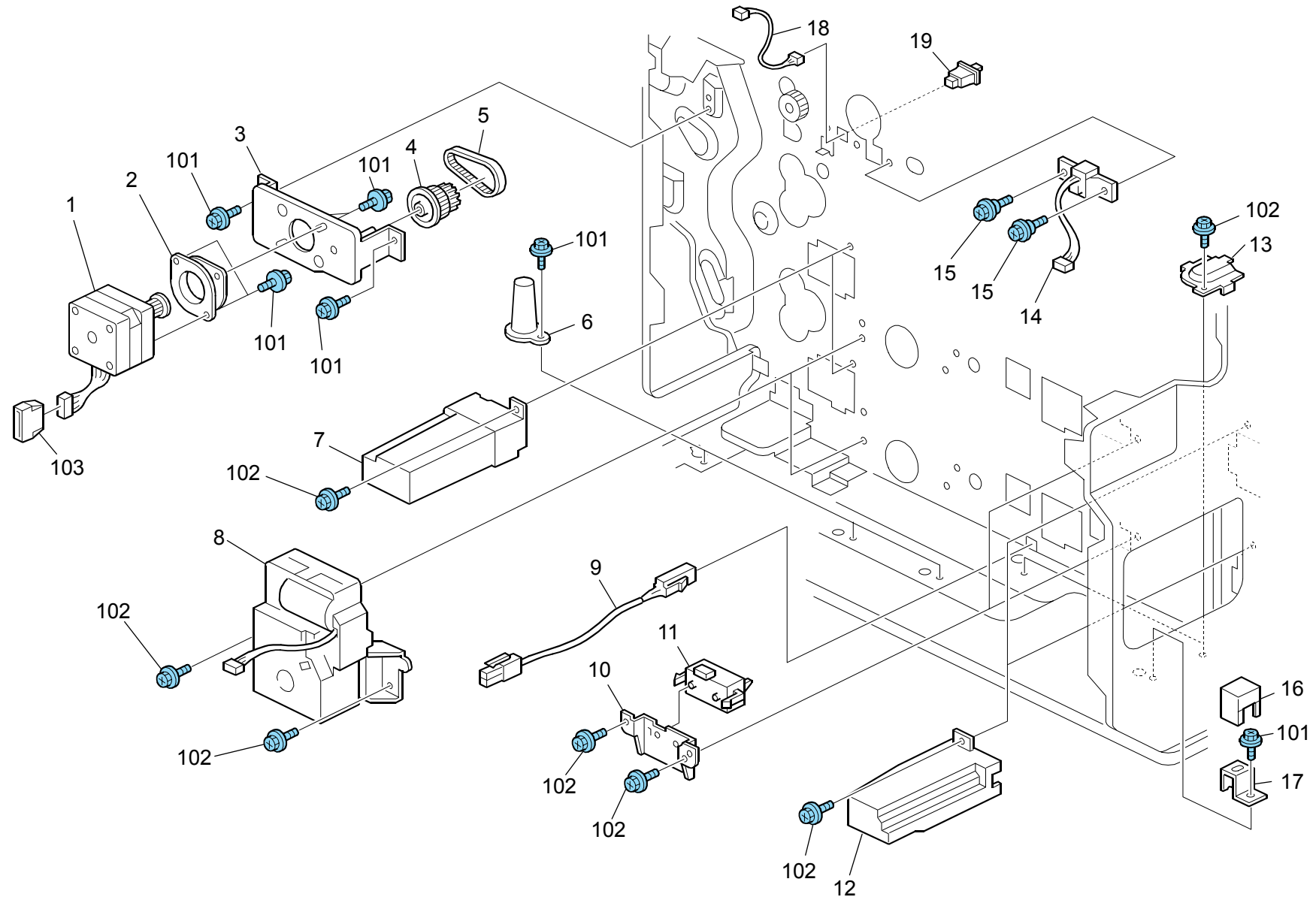


## 25. Drive Section 2 (G179)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | D009 5420 | Harness - High Voltage Cable    | 1                 |
| 2         | AZ32 0145 | Power Pack:CBT                  | 1                 |
| 3         | D009 5854 | Bracket - Power Pack            | 1                 |
| 4         | AX06 0354 | Brushless Motor - DC 6W         | 1                 |
| 5         | AX06 0355 | Brushless Motor - DC 11W        | 1                 |
| 6         | D009 1120 | Rear Drive Bracket - Engine     | 1                 |
| 7         | B242 1161 | Ball Bearing - 8x22x7           | 1                 |
| 8         | D009 1121 | Ground Plate - Drum             | 1                 |
| 9         | AB01 0369 | Gear - 330Z                     | 1                 |
| 10        | D009 1113 | Drive Unit- Transfer On-Off     | 1                 |
| 11        | D009 1123 | Drive Bracket - Transfer        | 1                 |
| 12        | AB01 7752 | Gear - 27TZ/42Z                 | 1                 |
| 13        | D009 1148 | Collar - 6x18.8mm               | 1                 |
| 14        | AB03 0821 | Pulley - 31T                    | 1                 |
| 15        | AB01 0141 | Gear - 46Z                      | 1                 |
| 16        | AB03 0820 | Pulley - 31T                    | 1                 |
| 17        | AA14 5294 | Parallel Pin - 2x12mm           | 1                 |
| 18        | D009 1141 | Ground Plate - Drum             | 1                 |
| 19        | D009 1145 | Drum Shaft Holder               | 1                 |
| 20        | D009 1131 | Joint - Development Roller      | 1                 |
| 21        | D009 1147 | Terminal - Development Roller   | 2                 |
| 22        | AA06 3432 | Spring - Intermediate Drawer    | 2                 |
| 23        | D009 1111 | Drum Shaft                      | 1                 |
| 24        | D009 1139 | Front Drive Bracket - Engine    | 1                 |
| 25        | AB01 0140 | Gear - 90Z                      | 1                 |
| 26        | D009 1142 | Pulley - 48T/90T                | 1                 |
| 27        | AA04 3658 | Timing Belt - 60S2M300          | 2                 |
| 28        | D009 1127 | Roller - Tightener              | 2                 |
| 29        | D009 1128 | Spring - Tightener              | 2                 |
| 30        | D009 1135 | Tightener Bracket - Development | 1                 |
| 31        | D009 1125 | Tightener Bracket - Transfer    | 1                 |
| 32        | B004 1936 | Plate - Optical Housing Unit    | 2                 |
| 33        | D009 3831 | Receptacle Housing - Transfer   | 1                 |
| 34        | D009 3832 | Receptacle Terminal - Transfer  | 2                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6              |                   |
| 102       | 1105 0367  | Spacer                            |                   |
| 103       | 0454 3020Q | Tapping Screw:3x20                |                   |
| 104       | 0805 0088  | Retaining Ring - M6               |                   |
| 105       | 0740 3808  | Ball Bearing - 8x16x5mm           |                   |
| 106       | 0805 0089  | Retaining Ring - M4               |                   |
| 107       | 0954 3010N | Screw:Polished Round/Spring:M3x10 |                   |
| 108       | 1105 0511  | Harness Clamp - LWS-0306ZC        |                   |
| 109       | 1105 0619  | Clamp:LBWS-0605S-V0               |                   |
| 110       | 0451 3008N | Tapping Screw - M3x8              |                   |

## 26. Drive Section 3 (G179)

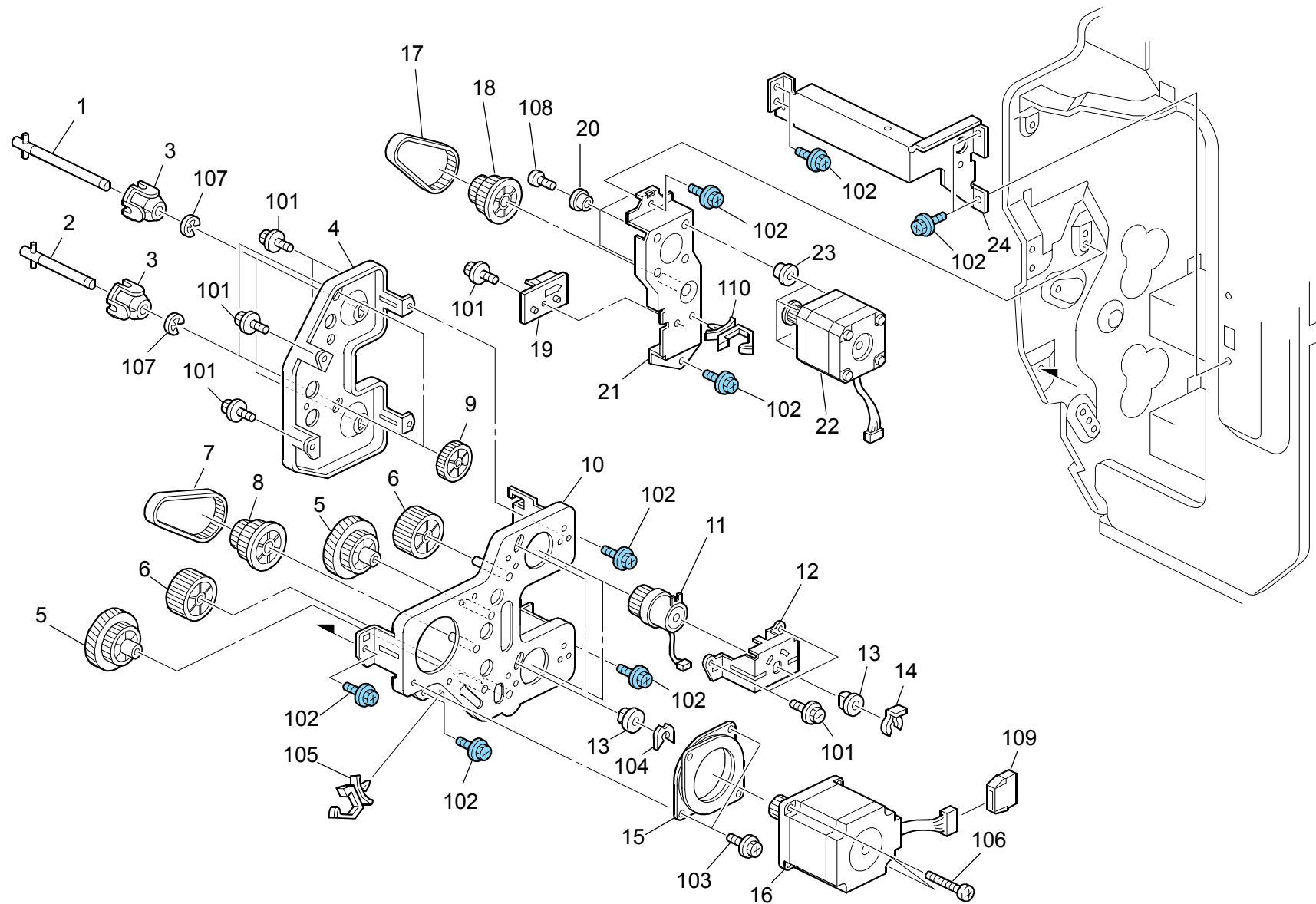


## 26. Drive Section 3 (G179)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | B223 1350 | Stepper Motor DC5.06V             | 1                 |
| 2         | A232 4666 | Cushion - Stepper Motor           | 1                 |
| 3         | D009 1151 | Bracket - Registration Drive Unit | 1                 |
| 4         | AB03 0744 | Timing Pulley - 27Z/40T           | 1                 |
| 5         | AA04 3601 | Timing Belt - B40S2M118           | 1                 |
| 6         | B238 1089 | Cover - Positioning Pin           | 1                 |
| 7         | B238 2541 | Tray Cover - Right                | 2                 |
| 8         | AX04 0154 | DC Motor 24V                      | 2                 |
| 9         | D009 5615 | AC Harness - Heater               | 1                 |
| 10        | B223 2721 | Bracket:Push Switch               | 2                 |
| 11        | AW50 0038 | Push Switch:Paper Size Sensor     | 2                 |
| 12        | B238 2543 | Cover - Tray Left                 | 2                 |
| 13        | B238 1066 | Rubber Foot Cover                 | 2                 |
| 14        | D009 5440 | Harness - Development Drawer      | 1                 |
| 15        | AA14 3579 | Screw - M3                        | 2                 |
| 16        | G179 1064 | Cover:Holder:Pin                  | 1                 |
| 17        | G179 1063 | Holder:Pin                        | 1                 |
| 18        | G179 5525 | Harness:IOB:PCD:Sensor            | 1                 |
| 19        | G020 5626 | Push Switch                       | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 102       | 0454 3008Q | Tapping Screw:3x8    |                   |
| 103       | 1102 4560  | CT Connector 6P      |                   |

## 27. Drive Section 4 (G179)

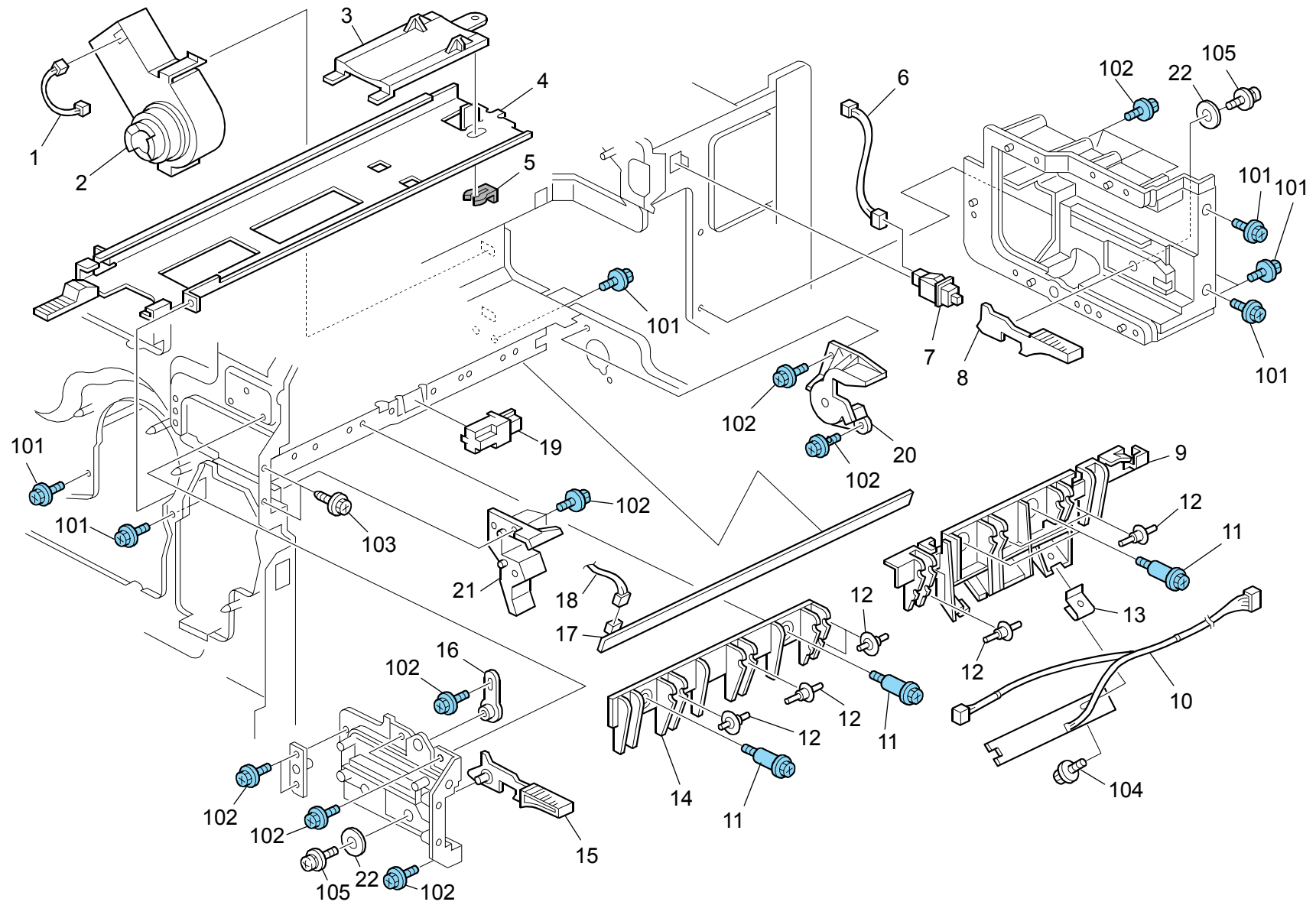


## 27. Drive Section 4 (G179)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | B223 1189 | Feed Drive Shaft          | 2                 |
| 2         | B223 1183 | Grip Shaft                | 2                 |
| 3         | B223 1186 | Drive Joint               | 4                 |
| 4         | B223 1354 | Drum Stay:Drive Unit      | 1                 |
| 5         | AB01 7699 | Gear - 33Z/44Z            | 2                 |
| 6         | AB01 1258 | Gear - 38Z                | 2                 |
| 7         | AA04 3585 | Timing Belt:40S3M162      | 1                 |
| 8         | AB03 0781 | Timing Pulley - 28Z/30T   | 1                 |
| 9         | AB01 1259 | Gear - 32Z                | 2                 |
| 10        | B223 1180 | Bracket:Paper Feed        | 1                 |
| 11        | AX20 0289 | Magnetic Clutch - 32Z     | 2                 |
| 12        | B223 1187 | Magnetic Clutch Bracket   | 2                 |
| 13        | AA08 0346 | Bushing:Flange Type:DIA6  | 4                 |
| 14        | 5447 2681 | Snap Ring                 | 2                 |
| 15        | AA16 1164 | Cushion:Stepper Motor     | 1                 |
| 16        | B223 1188 | Stepper Motor DC24V       | 1                 |
| 17        | B700 2649 | Timing Belt:40S2M144      | 1                 |
| 18        | AB01 7493 | Gear Pulley               | 1                 |
| 19        | B223 2694 | Guide:Gear                | 1                 |
| 20        | B044 1825 | Collar                    | 4                 |
| 21        | B223 2691 | Bracket:Stepper Motor     | 1                 |
| 22        | B223 2685 | Stepper Motor:DC24V 26.4W | 1                 |
| 23        | AA10 1021 | Rubber Bushing - 6 45HS   | 4                 |
| 24        | D009 1088 | Grip Bracket - Right Rear | 1                 |

| Index No. | Part No.   | Description                | Q'ty Per Assembly |
|-----------|------------|----------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw - 3x6        |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6       |                   |
| 103       | 0451 4008N | Tapping Screw:4x8          |                   |
| 104       | 0805 0089  | Retaining Ring - M4        |                   |
| 105       | 1105 0488  | Harness Clamp              |                   |
| 106       | 0434 0100N | Tapping Screw - 4x10       |                   |
| 107       | 0720 0040E | Retaining Ring - M4        |                   |
| 108       | 0353 0080N | Screw:M3x8                 |                   |
| 109       | 1102 4560  | CT Connector 6P            |                   |
| 110       | 1105 0511  | Harness Clamp - LWS-0306ZC |                   |

## 28.Electrical Section 1 (G179)

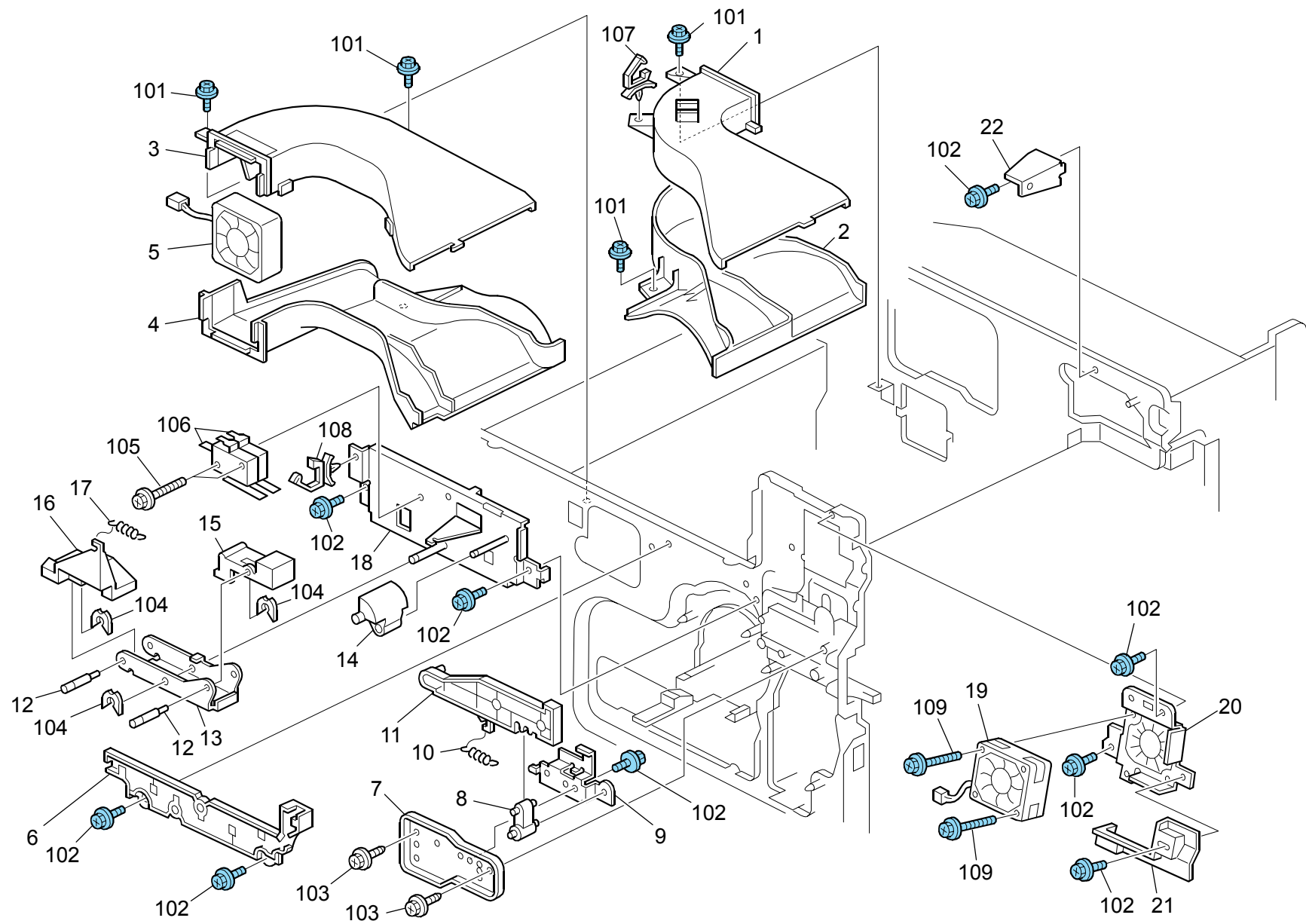


## 28.Electrical Section 1 (G179)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | D009 5505 | Harness - Toner Supply Motor       | 1                 |
| 2         | AX05 0292 | Toner Bottle Motor - DC 2.4W       | 1                 |
| 3         | B004 7267 | Toner Bottle Holder                | 1                 |
| 4         | D009 3210 | Guide - Toner Supply               | 1                 |
| 5         | A096 2065 | Slider Ring                        | 1                 |
| 6         | D009 5481 | Interface Harness - IOB-Switch     | 1                 |
| 7         | AW50 0023 | Push Switch                        | 1                 |
| 8         | D009 4351 | Rear Lock Lever                    | 1                 |
| 9         | D009 3865 | Holder - Density Sensor            | 1                 |
| 10        | D009 2367 | Density Sensor                     | 1                 |
| 11        | AA14 3579 | Screw - M3                         | 4                 |
| 12        | B004 2310 | Spur                               | 8                 |
| 13        | A232 1284 | Spring Holder                      | 1                 |
| 14        | D009 3866 | Guide - Separation/Transport       | 1                 |
| 15        | D009 4350 | Front Lock Lever                   | 1                 |
| 16        | B238 1119 | Lever - Front Upper                | 1                 |
| 17        | B213 2362 | LED Array QL Ass'y                 | 1                 |
| 18        | D009 5510 | Harness - Quenching Lamp           | 1                 |
| 19        | AW01 0199 | Entrance Sensor                    | 1                 |
| 20        | D009 3856 | Guide:Standard:Transfer Unit:Rear  | 1                 |
| 21        | D009 3857 | Guide:Standard:Transfer Unit:Front | 1                 |
| 22        | D009 4356 | Washer:DIA3.5                      | 2                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6 | 1                 |
| 102       | 0454 3008Q | Tapping Screw:3x8    |                   |
| 103       | 0456 3008N | Tapping Screw - M3x8 |                   |
| 104       | 0451 3008N | Tapping Screw - M3x8 |                   |
| 105       | 0954 3006N | Screw - M3x6         |                   |

## 29.Electrical Section 2 (G179)

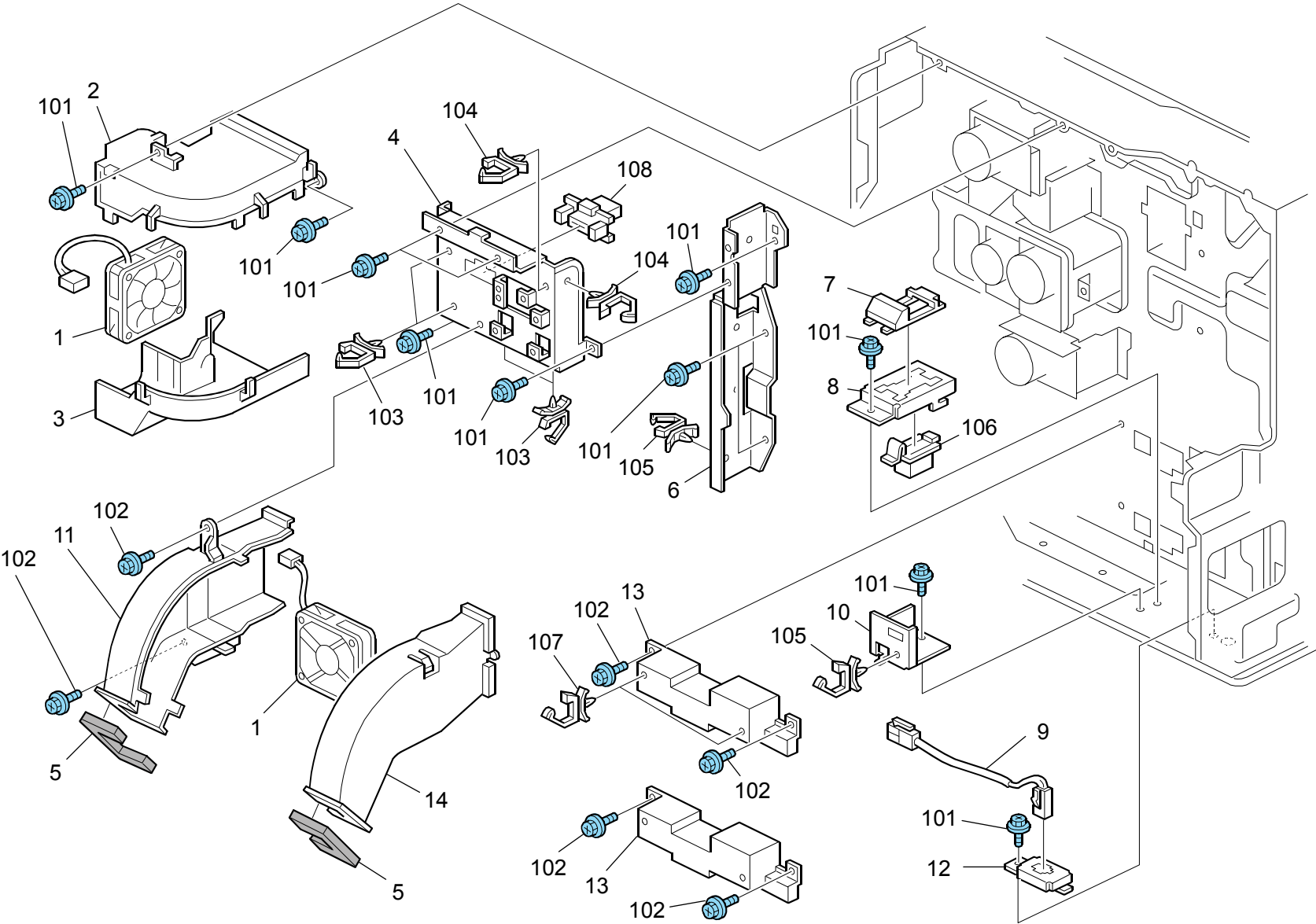


## 29.Electrical Section 2 (G179)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | D009 1366 | Middle Exhaust Duct - Upper       | 1                 |
| 2         | D009 1367 | Middle Exhaust Duct - Lower       | 1                 |
| 3         | D009 1368 | Front Upper Duct                  | 1                 |
| 4         | D009 1369 | Front Lower Duct                  | 1                 |
| 5         | B223 1332 | Fan Motor - Mm60 DC24V            | 1                 |
| 6         | D009 5898 | Harness Guide - Safety Switch     | 1                 |
| 7         | D009 5866 | Base - Right Safety Switch        | 1                 |
| 8         | D009 5869 | Right Lower Lever - Safety Switch | 1                 |
| 9         | D009 5867 | Guide Plate - Safety Switch       | 1                 |
| 10        | D009 5896 | Spring - Right Safety Switch      | 1                 |
| 11        | D009 5868 | Right Lever - Safety Switch       | 1                 |
| 12        | D009 5857 | Shaft - Safety Switch             | 2                 |
| 13        | D009 5864 | Middle Lever - Safety Switch      | 1                 |
| 14        | D009 5865 | Cam - Safety Switch               | 1                 |
| 15        | D009 5858 | Left/Right Lever - Safety Switch  | 1                 |
| 16        | D009 5863 | Left Lever - Safety Switch        | 1                 |
| 17        | D009 5895 | Tension Spring:Safety Switch:Left | 1                 |
| 18        | D009 5840 | Base - Left Safety Switch         | 1                 |
| 19        | AX64 0192 | Fan:DC 1.92W                      | 1                 |
| 20        | D009 1370 | Guard:Fan:Paper Exit Unit         | 1                 |
| 21        | G179 1371 | Shielding Plate:Fan               | 1                 |
| 22        | D009 1089 | Bracket:Exit:Rear                 |                   |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3008Q | Tapping Screw:3x8    |                   |
| 102       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 103       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 104       | 0805 0092  | Retaining Ring - 3m  |                   |
| 105       | 0451 3025N | Tapping Screw:M3x25  |                   |
| 106       | 1204 2521  | Micro Switch         |                   |
| 107       | 1105 0487  | Harness Clamp        |                   |
| 108       | 1105 0534  | Clamp                |                   |
| 109       | 0454 3020Q | Tapping Screw:3x20   |                   |

30.Electrical Section 3 (G179)

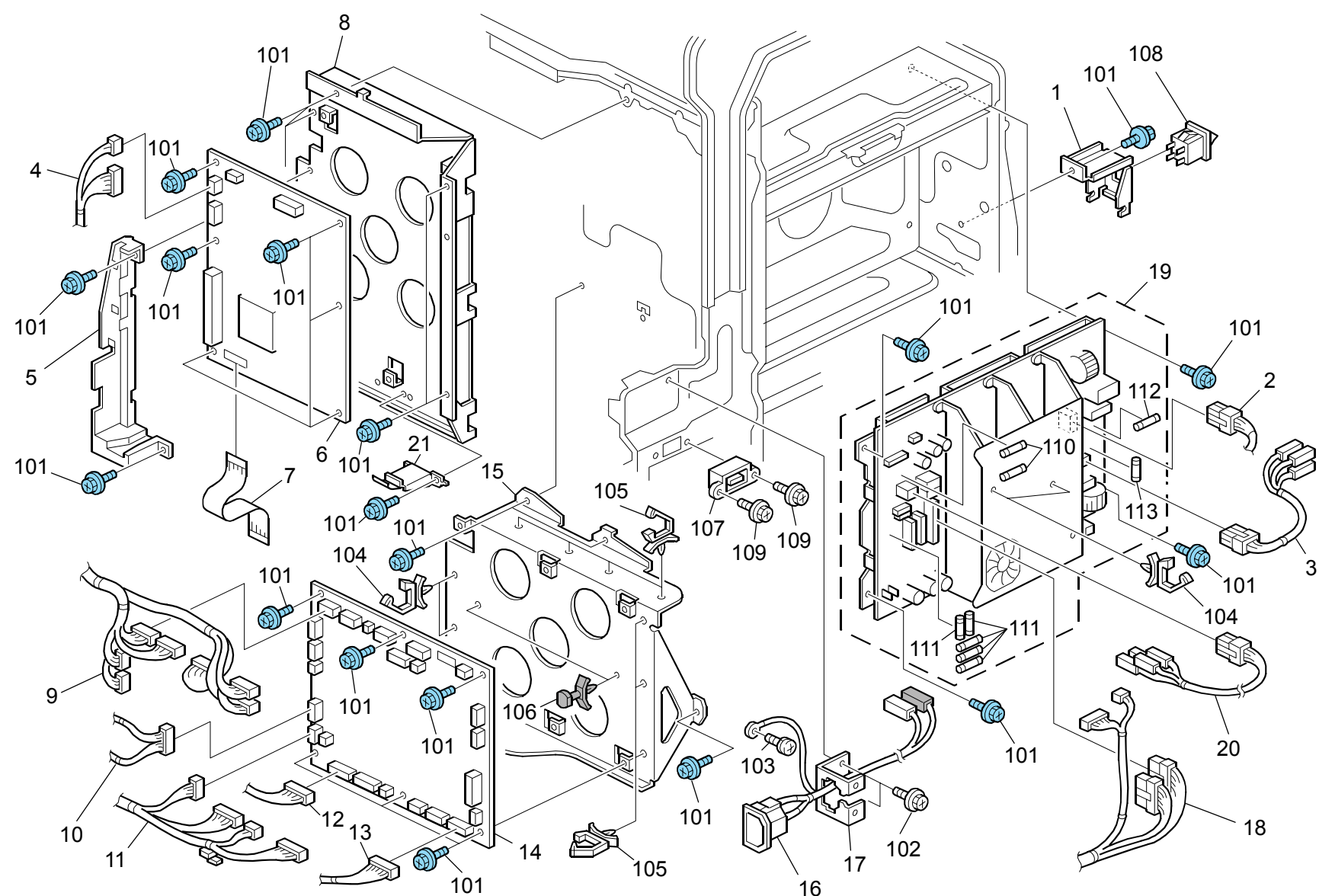


### 30.Electrical Section 3 (G179)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | AX64 0159 | Fan Motor Mm80                | 2                 |
| 2         | D009 1351 | Upper Fusing Duct             | 1                 |
| 3         | D009 1352 | Lower Fusing Duct             | 1                 |
| 4         | D009 5852 | Connector Bracket             | 1                 |
| 5         | D009 1356 | Sponge:Duct:Exhaust           | 2                 |
| 6         | D009 5876 | Small Bracket - BICU          | 1                 |
| 7         | B238 1088 | Cover - Connector             | 1                 |
| 8         | B223 1065 | Connector Bracket             | 1                 |
| 9         | D009 5615 | AC Harness - Heater           | 1                 |
| 10        | D009 5856 | Bracket - Heater Connector    | 1                 |
| 11        | D009 1355 | Rear Exhaust Duct - Left      | 1                 |
| 12        | B223 5848 | Bracket:Base:Connector        | 1                 |
| 13        | D009 2527 | Cover - Electrical Components | 2                 |
| 14        | D009 1354 | Rear Exhaust Duct - Right     | 1                 |

| Index No. | Part No.   | Description              | Q'ty Per Assembly |
|-----------|------------|--------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6     |                   |
| 102       | 0454 3008Q | Tapping Screw:3x8        |                   |
| 103       | 1105 0488  | Harness Clamp            |                   |
| 104       | 1105 0489  | Harness Clamp - LWS 1316 |                   |
| 105       | 1105 0487  | Harness Clamp            |                   |
| 106       | 1102 8534  | Connector - QR/P17-14S-B |                   |
| 107       | 1105 0522  | Edge Saddle - LES0510    |                   |
| 108       | 1102 9782  | Connector:51405-1819     |                   |

31.Electrical Section 4 (G179)

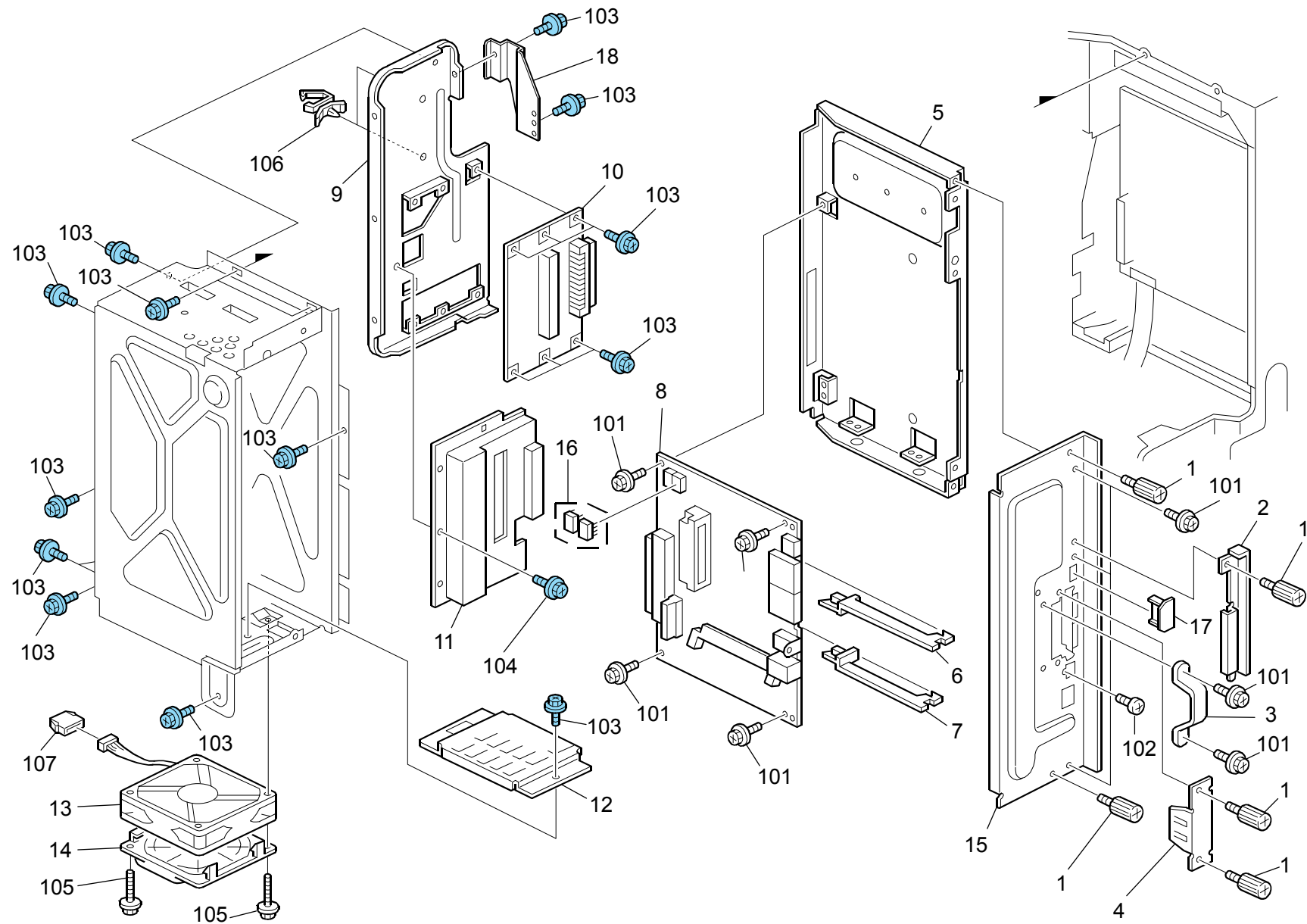


### 31.Electrical Section 4 (G179)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | D009 5853 | Bracket - Main Switch      | 1                 |
| 2         | G179 5610 | Harness:AC:Heater          | 1                 |
| 3         | D009 5605 | AC Harness - Switch        | 1                 |
| 4         | D009 5470 | Harness - BICU-LDB         | 1                 |
| 5         | D009 5877 | Guide - Mother Board       | 1                 |
| 6         | G179 5135 | PCB:BCU                    | 1                 |
| 7         | D009 5461 | DC Harness- BICU-IOB       | 1                 |
| 8         | G179 5875 | Bracket:BCU                | 1                 |
| 9         | G179 5480 | Harness:IOB:Upper          | 1                 |
| 10        | D009 5495 | Harness - IOB-Lift Motor   | 1                 |
| 11        | D009 5486 | DC Harness-IOB Lower       | 1                 |
| 12        | D009 5520 | Harness - IOB-Motor        | 1                 |
| 13        | D009 5490 | Harness - IOB Lower Behind | 1                 |
| 14        | G179 5155 | PCB:IO Board               | 1                 |
| 15        | D009 5851 | Bracket - IO Board         | 1                 |
| 16        | D009 5600 | Harnes - AC Inlet          | 1                 |
| 17        | D009 5855 | Bracket - Inlet            | 1                 |
| 18        | D009 5430 | Harness- PSU-IOB Right     | 1                 |
| 19        | AZ24 0122 | Power Supply Unit:120V     | 1                 |
| 19        | AZ24 0123 | Power Supply Unit:230V     | 1                 |
| 20        | D009 5425 | Harness - Safety Switch    | 1                 |
| 21        | D009 5842 | Grounding Plate -BICU      | 1                 |

| Index No. | Part No.   | Description                      | Q'ty Per Assembly |
|-----------|------------|----------------------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6             |                   |
| 102       | 0451 3006N | Tapping Screw - 3x6              |                   |
| 103       | 0957 4008N | Screw:Small Round/Spring:M4x8    |                   |
| 104       | 1105 0487  | Harness Clamp                    |                   |
| 105       | 1105 0489  | Harness Clamp - LWS 1316         |                   |
| 106       | 1105 0367  | Spacer                           |                   |
| 107       | 1102 8502  | Connector - 54679-1615           |                   |
| 108       | 1204 2608  | Rocker Switch:SDDJE33900         |                   |
| 109       | 0451 3008N | Tapping Screw - M3x8             |                   |
| 110       | 1107 1216  | Fuse:FBT250V10A(EM)              |                   |
| 111       | 1107 1215  | Fuse:FBT250V6.3A(EM)             |                   |
| 112       | 1107 0629  | Fuse:Ceramic Case:15A 125V       |                   |
| 112       | 1107 1218  | Fuse:FIH250V8A(RM)               |                   |
| 113       | 1107 0786  | Fuse (Ceramic Case) - 12A - 125V |                   |
| 113       | 1107 1217  | Fuse:FIH250V4A(RM)               |                   |

## 32.Electrical Section 5 (G179)

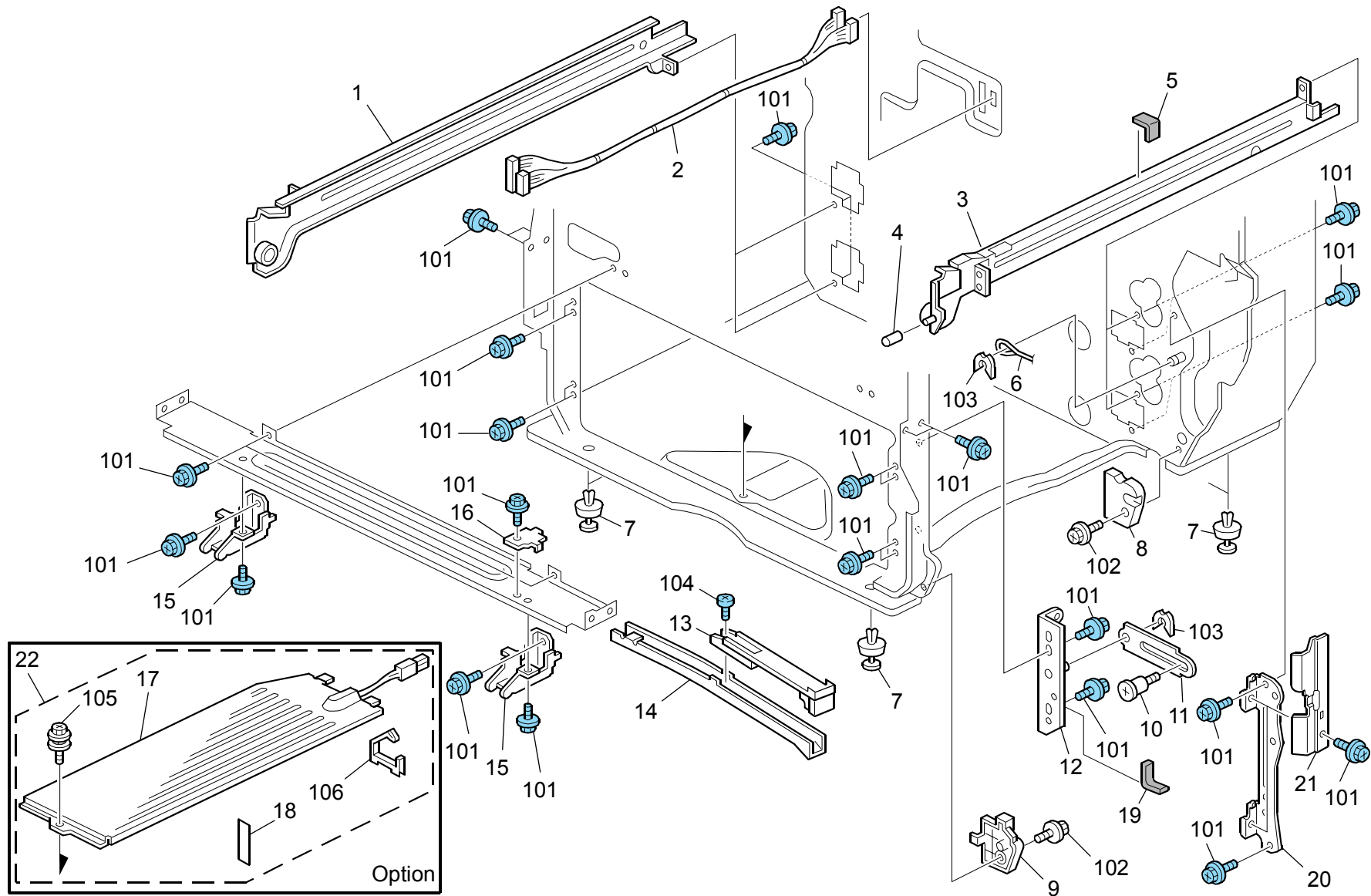


### 32.Electrical Section 5 (G179)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | G104 5141 | Knob Screw:M3              | 5                 |
| 2         | D009 5884 | Cover - SD-Card            | 1                 |
| 3         | D009 5874 | Grip - C/T Box             | 1                 |
| 4         | B154 5869 | Panel:Interface:SECC       | 1                 |
| 5         | D009 5880 | Bracket - Control Board    | 1                 |
| 6         | G108 5108 | Right Guide 1              | 1                 |
| 7         | G108 5107 | Left Guide 1               | 1                 |
| 8         | G179 5706 | PCB:Controller             | 1                 |
| 9         | D009 5879 | Bracket - Mother Board     | 1                 |
| 10        | G179 5180 | PCB:Mother Board           | 1                 |
| 11        | G179 5879 | Cover:Mother Board         | 1                 |
| 12        | G179 5890 | Cover:Fan                  | 1                 |
| 13        | AX64 0195 | Fan Motor - DC 2.16W       | 1                 |
| 14        | B154 5861 | Guard:Fan                  | 1                 |
| 15        | G179 5845 | Holder Plate:Control Board | 1                 |
| 16        | G179 9590 | NVRAM - Zero Counter       | 1                 |
| 17        | D009 5871 | Connector Cap - USB-A      | 1                 |
| 18        | G179 5881 | Ground Plate:C/T Box       | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0360 3006N | Screw - M3x6         |                   |
| 102       | 0353 0060N | Bind Screw - M3x6    |                   |
| 103       | 0454 3006Q | Tapping Screw - M3x6 |                   |
| 104       | 0454 3008Q | Tapping Screw:3x8    |                   |
| 105       | 0360 3030N | Screw:M3x30          |                   |
| 106       | 1105 0487  | Harness Clamp        |                   |
| 107       | 1102 6246  | Relay Connector - 3P |                   |

### 33.Frame Section (G179)



### 33.Frame Section (G179)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | B223 2710 | Supporter - Left No.2             | 2                 |
| 2         | D009 5475 | Interface Harness - BICU-LDB      | 1                 |
| 3         | B223 2715 | Supporter - Right                 | 2                 |
| 4         | B223 2714 | Positioning Cap - Short           | 2                 |
| 5         | AA16 1163 | Cushion                           | 2                 |
| 6         | B223 4524 | Wire:Stopper:DIA1.5               | 1                 |
| 7         | B101 1097 | Rubber Foot:H5                    | 6                 |
| 8         | D009 4595 | Rear Guide - Duplex Unit Set      | 1                 |
| 9         | D009 4594 | Front Guide - Duplex Unit Set     | 1                 |
| 10        | AA14 3404 | Stepped Screw - M4                | 1                 |
| 11        | B223 4523 | Link:Stopper                      | 1                 |
| 12        | B223 1120 | Bracket:Paper Feed Unit           | 1                 |
| 13        | B223 1245 | Cap:Grip                          | 1                 |
| 14        | B223 1101 | Grip:Front                        | 1                 |
| 15        | B223 1102 | Bracket:Grip:Right Front          | 2                 |
| 16        | D009 1093 | Stopper Bracket - Grip            | 1                 |
| 17        | B223 2702 | Heat Sink:Heater:NA               | 1                 |
| 17        | B223 2703 | Heat Sink:Heater:EU               | 1                 |
| 18        | D011 1252 | Decal:Main Switch:On-Standby      | 1                 |
| 18        | D011 1253 | Decal:Main Switch:On-Standby:EU   | 1                 |
| 19        | D009 4575 | Gasket:Duplex Unit                | 1                 |
| 20        | B223 2846 | Bracket:Cover:Harness             | 1                 |
| 21        | B223 2848 | Cover:Harness                     | 2                 |
| 22        | D009 8495 | Heater:Paper Feed:Option:NA:Ass'y | 1                 |
| 22        | D009 8493 | Heater:Paper Feed:Option:EU:Ass'y | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw - M3x6  |                   |
| 102       | 0451 3008N | Tapping Screw - M3x8  |                   |
| 103       | 0805 0088  | Retaining Ring - M6   |                   |
| 104       | 0802 5305  | Tapping Screw - M3x6  |                   |
| 105       | 0802 5299  | Tapping Screw - M3x8  |                   |
| 106       | 1105 0522  | Edge Saddle - LES0510 |                   |

## 34.Controller Board (G179)

### BAT

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| BAT1          | 115          |

### CAPACITOR

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| C4            | 187          |
| C5            | 185          |
|               |              |
| C6            | 178          |
| C7            | 181          |
| C8            | 176          |
| C9            | 178          |
| C10           | 202          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C11           | 187          |
| C12           | 189          |
| C13           | 175          |
| C14           | 209          |
| ---           | ---          |
|               |              |
| ---           | ---          |
| C17           | 187          |
| ---           | ---          |
| C19           | 187          |
| C20           | 189          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C21           | 187          |
| ---           | ---          |
| C23           | 187          |
| C24           | 175          |
| C25           | 185          |
|               |              |
| ---           | ---          |
| C27           | 174          |
| C28           | 174          |
| C29           | 185          |
| C30           | 209          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C31           | 185          |
| C32           | 173          |
| C33           | 202          |
| ---           | ---          |
| ---           | ---          |
|               |              |
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| C39           | 173          |
| ---           | ---          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C41           | 178          |
| C42           | 180          |
| C43           | 200          |
| C44           | 186          |
| C45           | 178          |
|               |              |
| C46           | 187          |
| C47           | 203          |
| C48           | 184          |
| C49           | 209          |
| C50           | 175          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C51           | 187          |
| C52           | 187          |
| ---           | ---          |
| C54           | 187          |
| C55           | 187          |
|               |              |
| C56           | 175          |
| C57           | 187          |
| C58           | 187          |
| C59           | 187          |
| C60           | 187          |

### CAPACITOR

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C61           | 184          |
| C62           | 199          |
| C63           | 199          |
| C64           | 181          |
| ---           | ---          |
|               |              |
| C66           | 187          |
| C67           | 196          |
| C68           | 187          |
| C69           | 196          |
| C70           | 191          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C71           | 180          |
| C72           | 188          |
| C73           | 181          |
| C74           | 187          |
| C75           | 187          |
|               |              |
| C76           | 205          |
| C77           | 187          |
| C78           | 181          |
| C79           | 187          |
| C80           | 184          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| C84           | 184          |
| ---           | ---          |
|               |              |
| C86           | 184          |
| ---           | ---          |
| C88           | 191          |
| C89           | 189          |
| C90           | 184          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
|               |              |
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| C98           | 175          |
| ---           | ---          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| ---           | ---          |
| C102          | 178          |
| C103          | 181          |
| C104          | 177          |
| ---           | ---          |
|               |              |
| ---           | ---          |
| C107          | 175          |
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C111          | 176          |
| ---           | ---          |
| ---           | ---          |
| ---           | ---          |
| C115          | 181          |
|               |              |
| C116          | 187          |
| ---           | ---          |
| C118          | 180          |
| C119          | 209          |
| C120          | 181          |

| SYMBOL<br>NO. | INDEX<br>NO. |
|---------------|--------------|
| C121          | 175          |
| ---           | ---          |
| ---           | ---          |
| C124          | 172          |
| C125          | 187          |
|               |              |
| C126          | 187          |
| C127          | 187          |
| C128          | 187          |
| C129          | 176          |
| C130          | 192          |

### 34.Controller Board (G179)

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C131       | 181       | C141       | 192       | C151       | 172       | C161       | 187       | C171       | 187       | C181       | 187       | C191       | 189       |
| C132       | 184       | C142       | 192       | C152       | 181       | C162       | 187       | C172       | 187       | C182       | 198       | C192       | 189       |
| C133       | 189       | C143       | 181       | ---        | ---       | C163       | 199       | C173       | 198       | C183       | 181       | C193       | 181       |
| C134       | 175       | C144       | 185       | C154       | 184       | C164       | 181       | ---        | ---       | C184       | 181       | C194       | 196       |
| C135       | 299       | C145       | 181       | ---        | ---       | C165       | 202       | C175       | 181       | C185       | 187       | C195       | 185       |
| C136       | 184       | C146       | 181       | C156       | 198       | ---        | ---       | C176       | 187       | C186       | 184       | C196       | 181       |
| C137       | 192       | C147       | 185       | C157       | 181       | C167       | 202       | C177       | 187       | C187       | 184       | C197       | 179       |
| C138       | 209       | C148       | 172       | ---        | ---       | ---        | ---       | C178       | 179       | C188       | 181       | C198       | 187       |
| C139       | 192       | ---        | ---       | C159       | 187       | C169       | 187       | C179       | 187       | C189       | 187       | C199       | 185       |
| C140       | 192       | C150       | 181       | C160       | 187       | C170       | 196       | C180       | 187       | C190       | 187       | C200       | 180       |

#### CAPACITOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C201       | 179       | C211       | 199       | C221       | 196       | C231       | 185       | C241       | 187       | C251       | 180       | C261       | 181       |
| C202       | 181       | C212       | 187       | C222       | 185       | C232       | 179       | C242       | 184       | C252       | 187       | C262       | 184       |
| C203       | 185       | C213       | 189       | C223       | 179       | C233       | 194       | C243       | 187       | C253       | 187       | C263       | 184       |
| C204       | 181       | C214       | 185       | C224       | 181       | C234       | 187       | C244       | 187       | C254       | 184       | C264       | 184       |
| C205       | 199       | C215       | 185       | C225       | 196       | C235       | 181       | C245       | 181       | C255       | 181       | C265       | 181       |
| C206       | 181       | C216       | 179       | C226       | 185       | C236       | 179       | ---        | ---       | C256       | 187       | C266       | 187       |
| C207       | 184       | C217       | 199       | C227       | 181       | C237       | 184       | C247       | 207       | C257       | 187       | C267       | 174       |
| C208       | 196       | C218       | 203       | C228       | 197       | C238       | 201       | C248       | 187       | C258       | 179       | C268       | 184       |
| C209       | 179       | C219       | 181       | C229       | 185       | C239       | 187       | C249       | 187       | C259       | 181       | C269       | 184       |
| C210       | 179       | C220       | 187       | C230       | 185       | C240       | 187       | C250       | 196       | C260       | 181       | C270       | 181       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C271       | 184       | C281       | 187       | C291       | 184       | C301       | 181       | C311       | 184       | C321       | 196       | C331       | 187       |
| C272       | 181       | C282       | 187       | C292       | 187       | C302       | 190       | C312       | 184       | C322       | 181       | C332       | 181       |
| C273       | 181       | C283       | 196       | C293       | 196       | C303       | 181       | C313       | 184       | C323       | 184       | C333       | 196       |
| C274       | 181       | C284       | 174       | C294       | 177       | C304       | 190       | C314       | 184       | C324       | 184       | C334       | 196       |
| C275       | 184       | C285       | 203       | C295       | 181       | C305       | 181       | C315       | 184       | C325       | 196       | C335       | 185       |
| C276       | 181       | C286       | 187       | C296       | 184       | C306       | 181       | C316       | 184       | C326       | 184       | C336       | 181       |
| C277       | 181       | C287       | 181       | C297       | 181       | C307       | 181       | C317       | 181       | C327       | 199       | C337       | 179       |
| C278       | 187       | C288       | 184       | C298       | 190       | C308       | 181       | C318       | 201       | C328       | 203       | C338       | 179       |
| C279       | 181       | C289       | 181       | C299       | 181       | C309       | 184       | C319       | 187       | C329       | 185       | C339       | 185       |
| C280       | 184       | C290       | 184       | C300       | 190       | C310       | 203       | C320       | 181       | C330       | 187       | C340       | 189       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C341       | 181       | C351       | 194       | C361       | 187       | C371       | 187       | C381       | 181       | C391       | 184       | C401       | 202       |
| C342       | 187       | ---        | ---       | C362       | 181       | C372       | 187       | C382       | 184       | C392       | 202       | C402       | 202       |
| C343       | 181       | C353       | 181       | C363       | 184       | C373       | 187       | C383       | 184       | C393       | 181       | C403       | 202       |
| C344       | 181       | C354       | 181       | C364       | 184       | C374       | 181       | C384       | 184       | C394       | 184       | ---        | ---       |
| C345       | 184       | C355       | 184       | C365       | 187       | C375       | 184       | C385       | 181       | C395       | 184       | ---        | ---       |
| C346       | 196       | C356       | 181       | C366       | 187       | C376       | 184       | C386       | 184       | C396       | 179       | C406       | 187       |
| C347       | 184       | C357       | 180       | C367       | 203       | C377       | 184       | C387       | 181       | C397       | 179       | C407       | 181       |
| C348       | 203       | C358       | 199       | C368       | 203       | C378       | 181       | C388       | 184       | ---        | ---       | C408       | 184       |
| C349       | 187       | C359       | 184       | C369       | 196       | C379       | 203       | C389       | 181       | ---        | ---       | C409       | 184       |
| C350       | 181       | C360       | 187       | C370       | 181       | C380       | 181       | C390       | 181       | ---        | ---       | C410       | 202       |

### 34.Controller Board (G179)

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C411       | 189       | C421       | 181       | C431       | 196       | C441       | 187       | C451       | 187       | C461       | 181       | ---        | ---       |
| C412       | 202       | C422       | 179       | C432       | 202       | C442       | 181       | C452       | 187       | C462       | 187       | ---        | ---       |
| C413       | 189       | C423       | 203       | C433       | 202       | C443       | 179       | C453       | 187       | C463       | 181       | C473       | 187       |
| C414       | 202       | C424       | 202       | C434       | 202       | C444       | 187       | C454       | 184       | C464       | 184       | C474       | 187       |
| C415       | 204       | C425       | 184       | C435       | 202       | C445       | 181       | C455       | 180       | ---        | ---       | C475       | 184       |
| C416       | 196       | C426       | 189       | C436       | 202       | C446       | 187       | C456       | 181       | C466       | 187       | C476       | 181       |
| C417       | 189       | C427       | 181       | C437       | 187       | C447       | 187       | C457       | 181       | C467       | 181       | C477       | 184       |
| C418       | 187       | C428       | 189       | C438       | 187       | C448       | 196       | C458       | 187       | ---        | ---       | C478       | 181       |
| C419       | 187       | C429       | 202       | C439       | 187       | C449       | 187       | C459       | 181       | C469       | 196       | C479       | 183       |
| C420       | 187       | C430       | 202       | C440       | 181       | C450       | 195       | C460       | 187       | C470       | 203       | ---        | ---       |

#### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C481       | 187       | ---        | ---       | C501       | 194       | C511       | 187       | C521       | 201       | C531       | 180       | C541       | 298       |
| ---        | ---       | C492       | 189       | C502       | 181       | ---        | ---       | ---        | ---       | C532       | 180       | C542       | 298       |
| C483       | 184       | C493       | 187       | C503       | 184       | C513       | 206       | C523       | 181       | ---        | ---       | C543       | 297       |
| C484       | 203       | C494       | 180       | C504       | 187       | C514       | 201       | C524       | 182       | ---        | ---       | C544       | 296       |
| ---        | ---       | C495       | 181       | ---        | ---       | C515       | 207       | C525       | 181       | ---        | ---       | C545       | 181       |
| ---        | ---       | C496       | 202       | C506       | 184       | C516       | 207       | C526       | 206       | C536       | 184       | C546       | 184       |
| ---        | ---       | C497       | 180       | ---        | ---       | ---        | ---       | C527       | 184       | C537       | 184       | C547       | 203       |
| C488       | 184       | C498       | 181       | C508       | 192       | C518       | 187       | C528       | 184       | ---        | ---       | C548       | 175       |
| ---        | ---       | C499       | 184       | C509       | 181       | C519       | 187       | ---        | ---       | C539       | 296       | C549       | 176       |
| C490       | 181       | ---        | ---       | C510       | 184       | C520       | 181       | C530       | 180       | C540       | 297       | C550       | 296       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C551       | 297       | C561       | 298       | C571       | 296       | ---        | ---       | C597       | 181       | C611       | 181       | C621       | 184       |
| C552       | 298       | ---        | ---       | C572       | 297       | ---        | ---       | C598       | 196       | C612       | 181       | C622       | 194       |
| C553       | 298       | C563       | 201       | C573       | 298       | C583       | 193       | C599       | 196       | C613       | 181       |            |           |
| C554       | 297       | C564       | 298       | C574       | 298       | C584       | 172       | C600       | 194       | C614       | 202       |            |           |
| C555       | 296       | C565       | 297       | C575       | 297       | C585       | 192       | C601       | 207       | C615       | 181       |            |           |
| ---        | ---       |            |           |            |           |            |           | C603       | 203       |            |           |            |           |
| C557       | 203       | C566       | 296       | C576       | 296       | C586       | 187       | C604       | 208       | C616       | 181       |            |           |
| C558       | 176       | C567       | 192       | C577       | 172       | C587       | 187       | C606       | 189       | C617       | 187       |            |           |
| C559       | 296       | C568       | 192       | C578       | 187       | C588       | 187       | C608       | 196       | C618       | 187       |            |           |
| C560       | 297       | C569       | 192       | ---        | ---       | C589       | 187       | C609       | 199       | C619       | 187       |            |           |
|            |           | C570       | 187       | ---        | ---       | C590       | 187       | C610       | 187       | C620       | 208       |            |           |

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN701      | 101       |
| CN702      | 109       |
| ---        | ---       |
| CN703      | 105       |
| CN705      | 106       |
| CN706      | 106       |
| CN707      | 107       |
| CN708      | 104       |
| CN709      | 108       |
| CN710      | 103       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN711      | 102       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D1         | 124       |
| D2         | 124       |
| D3         | 124       |
| D4         | 123       |
| D5         | 122       |
| ---        | ---       |
| D7         | 122       |
| D8         | 125       |

### FIL

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL1       | 211       |
| FIL2       | 211       |
| FIL3       | 212       |
| FIL4       | 216       |
| FIL5       | 216       |
| FIL6       | 215       |
| FIL7       | 210       |
| FIL8       | 212       |
| FIL9       | 212       |
| FIL10      | 212       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL11      | 213       |
| FIL12      | 213       |
| FIL13      | 210       |
| FIL14      | 210       |
| FIL15      | 210       |
| FIL16      | 213       |
| FIL17      | 215       |

### FUSE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FU1        | 113       |
| FU2        | 111       |
| FU3        | 112       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC1        | 146       |
| IC2        | 153       |
| IC3        | 302       |
| IC4        | 142       |
| IC5        | 157       |
| IC6        | 145       |
| IC7        | 144       |
| IC8        | 302       |
| IC9        | 151       |
| IC10       | 158       |

## 34.Controller Board (G179)

### IC

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | IC21       | 143       | IC31       | 301       | IC41       | 302       | ---        | ---       | IC61       | 138       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | IC42       | 133       | ---        | ---       | IC62       | 155       | IC72       | 154       |
| IC13       | 140       | IC23       | 149       | IC33       | 134       | IC43       | 136       | ---        | ---       | IC63       | 131       | IC73       | 135       |
| ---        | ---       | IC24       | 130       | IC34       | 134       | IC44       | 134       | IC54       | 134       | ---        | ---       | IC74       | 154       |
| ---        | ---       | IC25       | 110       | IC35       | 302       | IC45       | 300       | ---        | ---       | IC65       | 154       |            |           |
| ---        | ---       | IC26       | 110       | ---        | ---       | IC46       | 152       | IC56       | 149       | ---        | ---       |            |           |
| IC17       | 159       | IC27       | 135       | IC37       | 147       | ---        | ---       | IC57       | 154       | IC67       | 137       |            |           |
| ---        | ---       | ---        | ---       | ---        | ---       | IC48       | 132       | IC58       | 129       | IC68       | 136       |            |           |
| IC19       | 141       | ---        | ---       | ---        | ---       | IC49       | 156       | IC59       | 148       | ---        | ---       |            |           |
| IC20       | 150       | ---        | ---       | IC40       | 139       | ---        | ---       | IC60       | 149       | ---        | ---       |            |           |

### L

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| L1         | 217       |
| L2         | 217       |
| L3         | 214       |
| L4         | 218       |
| L5         | 218       |
| L6         | 219       |

### LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED1       | 128       |
| LED2       | 127       |
| LED3       | 126       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC1       | 161       |
| OSC2       | 160       |
| OSC3       | 163       |
| OSC4       | 162       |
| OSC5       | 164       |

### Q

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q1         | 119       |
| Q2         | 119       |
| Q3         | 121       |
| Q4         | 120       |
| Q5         | 121       |
| Q6         | 120       |
| ---        | ---       |
| Q8         | 117       |
| Q9         | 118       |
| Q10        | 121       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q11        | 116       |
| Q12        | 116       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R1         | 232       |
| R2         | 232       |
| R3         | 278       |
| R4         | 232       |
| R5         | 232       |
| R6         | 232       |
| R7         | 278       |
| R8         | 264       |
| R9         | 282       |
| R10        | 259       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R11        | 264       |
| R12        | 232       |
| R13        | 288       |
| ---        | ---       |
| R15        | 266       |
| R16        | 262       |
| R17        | 232       |
| R18        | 249       |
| R19        | 277       |
| R20        | 289       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R21        | 277       | R31        | 266       | R41        | 283       | R51        | 267       | R61        | 260       | R71        | 260       | R81        | 251       |
| R22        | 289       | R32        | 251       | R42        | 283       | R52        | 260       | R62        | 239       | R72        | 266       | R82        | 251       |
| R23        | 266       | R33        | 257       | R43        | 251       | R53        | 239       | R63        | 267       | R73        | 287       | R83        | 249       |
| R24        | 289       | R34        | 263       | R44        | 239       | R54        | 251       | R64        | 249       | R74        | 264       | R84        | 287       |
| R25        | 287       | R35        | 278       | R45        | 239       | R55        | 291       | R65        | 260       | ---        | ---       | R85        | 267       |
| R26        | 266       | R36        | 267       | R46        | 267       | R56        | 287       | R66        | 233       | R76        | 287       | R86        | 279       |
| R27        | 279       | R37        | 267       | R47        | 282       | R57        | 260       | R67        | 260       | R77        | 278       | R87        | 267       |
| R28        | 287       | R38        | 273       | R48        | 267       | R58        | 239       | R68        | 249       | R78        | 278       | R88        | 279       |
| R29        | 289       | ---        | ---       | R49        | 249       | R59        | 279       | R69        | 279       | R79        | 267       | R89        | 267       |
| R30        | 249       | ---        | ---       | R50        | 282       | R60        | 267       | R70        | 233       | R80        | 293       | R90        | 279       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R91        | 268       | R101       | 246       | R111       | 279       | R121       | 287       | R131       | 238       | R141       | 238       | R151       | 267       |
| ---        | ---       | R102       | 274       | R112       | 264       | ---        | ---       | R132       | 266       | R142       | 239       | ---        | ---       |
| R93        | 279       | R103       | 279       | R113       | 266       | R123       | 268       | R133       | 266       | ---        | ---       | R153       | 267       |
| R94        | 267       | R104       | 249       | ---        | ---       | R124       | 267       | R134       | 266       | ---        | ---       | R154       | 266       |
| R95        | 293       | ---        | ---       | ---        | ---       | R125       | 237       | R135       | 294       | R145       | 238       | R155       | 266       |
| R96        | 281       | R106       | 293       | R116       | 287       | R126       | 249       | R136       | 294       | ---        | ---       | R156       | 266       |
| R97        | 267       | ---        | ---       | R117       | 287       | R127       | 243       | R137       | 279       | R147       | 239       | R157       | 245       |
| R98        | 280       | R108       | 251       | R118       | 268       | R128       | 287       | R138       | 245       | R148       | 284       | R158       | 245       |
| R99        | 279       | R109       | 287       | R119       | 238       | R129       | 279       | ---        | ---       | R149       | 251       | R159       | 292       |
| R100       | 267       | R110       | 279       | R120       | 275       | R130       | 267       | R140       | 245       | R150       | 279       | R160       | 238       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R161       | 249       | R171       | 279       | R181       | 249       | R191       | 232       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | R172       | 279       | R182       | 239       | ---        | ---       | ---        | ---       | R212       | 240       | R222       | 261       |
| R163       | 279       | R173       | 279       | R183       | 239       | ---        | ---       | ---        | ---       | R213       | 228       | R223       | 239       |
| R164       | 286       | R174       | 279       | R184       | 279       | R194       | 239       | R204       | 249       | R214       | 228       | R224       | 232       |
| R165       | 249       | ---        | ---       | R185       | 249       | R195       | 264       | ---        | ---       | ---        | ---       | R225       | 264       |
| R166       | 248       | R176       | 242       | R186       | 238       | ---        | ---       | ---        | ---       | ---        | ---       | R226       | 238       |
| R167       | 249       | R177       | 285       | ---        | ---       | R197       | 269       | R207       | 238       | ---        | ---       | R227       | 290       |
| R168       | 249       | R178       | 238       | ---        | ---       | R198       | 239       | R208       | 274       | R218       | 240       | R228       | 261       |
| R169       | 264       | R179       | 239       | R189       | 238       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| R170       | 279       | R180       | 279       | R190       | 285       | ---        | ---       | ---        | ---       | ---        | ---       | R230       | 261       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R231       | 261       | R241       | 249       | R251       | 239       | ---        | ---       | R271       | 239       | ---        | ---       | R291       | 242       |
| R232       | 238       | ---        | ---       | R252       | 239       | R262       | 258       | R272       | 265       | R282       | 233       | R292       | 232       |
| R233       | 238       | R243       | 304       | R253       | 240       | R263       | 265       | R273       | 264       | R283       | 258       | R293       | 237       |
| ---        | ---       | R244       | 261       | R254       | 238       | R264       | 264       | R274       | 249       | R284       | 239       | R294       | 242       |
| R235       | 233       | R245       | 261       | R255       | 249       | ---        | ---       | R275       | 239       | R285       | 238       | R295       | 239       |
| ---        | ---       | R246       | 233       | R256       | 303       | ---        | ---       | R276       | 258       | ---        | ---       | ---        | ---       |
| ---        | ---       | R247       | 261       | R257       | 239       | ---        | ---       | R277       | 239       | R287       | 264       | R297       | 239       |
| R238       | 239       | R248       | 249       | R258       | 249       | ---        | ---       | ---        | ---       | R288       | 264       | R298       | 239       |
| R239       | 249       | ---        | ---       | R259       | 264       | ---        | ---       | R279       | 249       | R289       | 238       | ---        | ---       |
| R240       | 249       | ---        | ---       | R260       | 264       | ---        | ---       | ---        | ---       | R290       | 232       | ---        | ---       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R301       | 239       | R311       | 249       | R321       | 232       | R331       | 232       | ---        | ---       | ---        | ---       | R361       | 239       |
| R302       | 249       | R312       | 232       | R322       | 237       | ---        | ---       | R342       | 237       | ---        | ---       | ---        | ---       |
| R303       | 249       | ---        | ---       | R323       | 249       | R333       | 278       | ---        | ---       | R353       | 232       | R363       | 251       |
| R304       | 249       | R314       | 239       | R324       | 249       | ---        | ---       | ---        | ---       | ---        | ---       | R364       | 232       |
| R305       | 249       | ---        | ---       | R325       | 239       | R335       | 273       | ---        | ---       | ---        | ---       | R365       | 232       |
| R306       | 249       | ---        | ---       | ---        | ---       | ---        | ---       | R346       | 266       | R356       | 232       | ---        | ---       |
| R307       | 239       | R317       | 239       | R327       | 239       | R337       | 232       | ---        | ---       | R357       | 251       | ---        | ---       |
| R308       | 239       | R318       | 253       | R328       | 239       | ---        | ---       | R348       | 287       | R358       | 251       | R368       | 237       |
| R309       | 249       | R319       | 232       | R329       | 239       | R339       | 278       | ---        | ---       | R359       | 279       | R369       | 239       |
| R310       | 249       | R320       | 232       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R371       | 247       | R381       | 249       | R391       | 285       | R401       | 287       | R411       | 241       | R421       | 279       | ---        | ---       |
| R372       | 278       | R382       | 268       | R392       | 233       | R402       | 233       | R412       | 230       | ---        | ---       | R432       | 279       |
| R373       | 249       | R383       | 268       | R393       | 267       | R403       | 287       | R413       | 229       | R423       | 285       | R433       | 267       |
| R374       | 249       | ---        | ---       | R394       | 272       | R404       | 267       | R414       | 267       | R424       | 293       | R434       | 279       |
| R375       | 279       | R385       | 285       | R395       | 293       | R405       | 267       | R415       | 237       | ---        | ---       | R435       | 267       |
| R376       | 270       | R386       | 268       | R396       | 293       | R406       | 241       | ---        | ---       | R426       | 279       | R436       | 250       |
| R377       | 278       | R387       | 268       | R397       | 233       | ---        | ---       | R417       | 267       | R427       | 293       | R437       | 267       |
| R378       | 278       | R388       | 267       | R398       | 267       | R408       | 233       | R418       | 285       | R428       | 250       | R438       | 271       |
| R379       | 278       | R389       | 293       | R399       | 267       | R409       | 267       | R419       | 293       | R429       | 264       | R439       | 249       |
| R380       | 278       | R390       | 285       | ---        | ---       | R410       | 267       | R420       | 267       | R430       | 264       | R440       | 267       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R441       | 267       | R451       | 238       | R461       | 267       | ---        | ---       | R481       | 239       | R491       | 276       | R501       | 285       |
| R442       | 264       | R452       | 249       | R462       | 279       | ---        | ---       | R482       | 238       | R492       | 264       | R502       | 285       |
| ---        | ---       | R453       | 293       | R463       | 239       | ---        | ---       | R483       | 239       | R493       | 264       | ---        | ---       |
| R444       | 267       | ---        | ---       | R464       | 239       | ---        | ---       | R484       | 266       | ---        | ---       | R504       | 239       |
| R445       | 267       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | R495       | 267       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| R446       | 279       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | R496       | 285       | R506       | 239       |
| R447       | 266       | R457       | 238       | ---        | ---       | R477       | 267       | R487       | 249       | R497       | 249       | ---        | ---       |
| R448       | 230       | R458       | 231       | R468       | 267       | R478       | 249       | R488       | 267       | ---        | ---       | R508       | 232       |
| ---        | ---       | ---        | ---       | R469       | 249       | R479       | 249       | R489       | 239       | R499       | 267       | R509       | 267       |
| R450       | 267       | R460       | 267       | R470       | 239       | R480       | 238       | R490       | 249       | R500       | 268       | R510       | 268       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | R521       | 245       | R531       | 268       | R541       | 279       | R551       | 249       | ---        | ---       | R571       | 237       |
| ---        | ---       | ---        | ---       | R532       | 238       | R542       | 279       | R552       | 249       | R562       | 279       | R572       | 250       |
| R513       | 238       | R523       | 238       | R533       | 266       | R543       | 245       | R553       | 279       | R563       | 249       | R573       | 251       |
| R514       | 232       | R524       | 239       | R534       | 266       | R544       | 245       | R554       | 249       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | R535       | 268       | R545       | 238       | R555       | 244       | R565       | 279       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | R526       | 237       | R536       | 249       | R546       | 279       | R556       | 239       | R566       | 242       | R576       | 238       |
| R517       | 239       | R527       | 245       | R537       | 279       | R547       | 279       | ---        | ---       | R567       | 242       | R577       | 238       |
| R518       | 285       | R528       | 239       | R538       | 266       | R548       | 245       | R558       | 245       | ---        | ---       | R578       | 255       |
| R519       | 245       | R529       | 238       | R539       | 249       | R549       | 237       | R559       | 244       | R569       | 239       | R579       | 255       |
| ---        | ---       | ---        | ---       | R540       | 279       | R550       | 249       | R560       | 244       | R570       | 279       | R580       | 255       |

## 34.Controller Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R581       | 255       | R591       | 251       | ---        | ---       | R611       | 239       | R621       | 278       | R631       | 239       | ---        | ---       |
| R582       | 255       | R592       | 251       | R602       | 278       | R612       | 249       | R622       | 238       | ---        | ---       | R642       | 251       |
| R583       | 255       | R593       | 239       | R603       | 278       | R613       | 252       | R623       | 238       | R633       | 249       | R643       | 268       |
| ---        | ---       | R594       | 251       | R604       | 278       | R614       | 252       | R624       | 238       | R634       | 250       | R644       | 254       |
| R585       | 250       | R595       | 234       | ---        | ---       | ---        | ---       | ---        | ---       | R635       | 264       | R645       | 252       |
| R586       | 250       | R596       | 236       | ---        | ---       | R616       | 249       | ---        | ---       | ---        | ---       | R646       | 282       |
| R587       | 278       | R597       | 236       | R607       | 264       | ---        | ---       | ---        | ---       | ---        | ---       | R647       | 278       |
| R588       | 252       | ---        | ---       | R608       | 264       | R618       | 252       | R628       | 267       | ---        | ---       | ---        | ---       |
| ---        | ---       | R599       | 235       | R609       | 295       | R619       | 278       | ---        | ---       | R639       | 238       | ---        | ---       |
| R590       | 264       | R600       | 248       | R610       | 232       | R620       | 252       | ---        | ---       | ---        | ---       | ---        | ---       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | R661       | 249       | R671       | 249       | R681       | 232       | R691       | 233       | ---        | ---       | R711       | 245       |
| R652       | 251       | R662       | 282       | R672       | 249       | R682       | 232       | R692       | 256       | ---        | ---       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | R683       | 233       | R693       | 232       | R703       | 233       | ---        | ---       |
| ---        | ---       | ---        | ---       | ---        | ---       | R684       | 233       | R694       | 233       | ---        | ---       | R714       | 232       |
| ---        | ---       | R665       | 264       | R675       | 279       | ---        | ---       | R695       | 232       | R705       | 264       | ---        | ---       |
| ---        | ---       | ---        | ---       | R676       | 279       | ---        | ---       | ---        | ---       | ---        | ---       | ---        | ---       |
| ---        | ---       | R667       | 267       | R677       | 266       | R687       | 249       | R697       | 233       | ---        | ---       | R717       | 232       |
| R658       | 249       | R668       | 249       | ---        | ---       | R688       | 249       | R698       | 233       | R708       | 266       | ---        | ---       |
| R659       | 264       | R669       | 249       | R679       | 279       | R689       | 233       | R699       | 245       | R709       | 264       | R719       | 232       |
| R660       | 249       | R670       | 249       | ---        | ---       | R690       | 233       | R700       | 232       | R710       | 239       | R720       | 245       |

## 34.Controller Board (G179)

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R721       | 245       |
| R722       | 245       |
| ---        | ---       |
| ---        | ---       |
| R725       | 245       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R734       | 264       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R739       | 232       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R765       | 249       |
| ---        | ---       |
| R766       | 249       |

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN1        | 167       |
| RN2        | 222       |
| RN3        | 165       |
| RN4        | 169       |
| RN5        | 220       |
| ---        | ---       |
| RN6        | 165       |
| RN7        | 167       |
| RN8        | 225       |
| RN9        | 225       |
| RN10       | 224       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN11       | 224       |
| RN12       | 222       |
| RN13       | 224       |
| RN14       | 226       |
| RN15       | 168       |
| ---        | ---       |
| RN16       | 166       |
| RN17       | 226       |
| RN18       | 222       |
| RN19       | 225       |
| RN20       | 221       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN21       | 167       |
| RN22       | 221       |
| RN23       | 170       |
| RN24       | 225       |
| RN25       | 167       |
| ---        | ---       |
| RN26       | 223       |
| RN27       | 221       |
| RN28       | 167       |
| RN29       | 223       |
| RN30       | 220       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN31       | 220       |
| RN32       | 220       |
| RN33       | 220       |
| RN34       | 223       |
| RN35       | 221       |
| ---        | ---       |
| RN36       | 165       |
| RN37       | 223       |
| RN38       | 223       |
| RN39       | 165       |
| RN40       | 221       |

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN41       | 223       |
| RN42       | 222       |
| RN43       | 221       |
| RN44       | 169       |
| RN45       | 165       |
| ---        | ---       |
| RN46       | 165       |
| RN47       | 165       |
| RN48       | 221       |
| ---        | ---       |
| RN50       | 223       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN51       | 168       |
| RN52       | 221       |
| RN53       | 227       |
| RN54       | 227       |
| RN55       | 220       |
| ---        | ---       |
| RN56       | 224       |
| ---        | ---       |
| RN58       | 165       |
| ---        | ---       |
| RN60       | 224       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| RN62       | 165       |
| ---        | ---       |
| RN64       | 227       |
| RN65       | 226       |
| ---        | ---       |
| RN66       | 220       |
| RN67       | 227       |
| RN68       | 171       |
| RN69       | 221       |
| RN70       | 220       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN71       | 226       |
| RN72       | 223       |
| RN73       | 220       |
| RN74       | 171       |
| RN75       | 167       |
| ---        | ---       |
| RN76       | 226       |
| ---        | ---       |
| RN78       | 226       |
| RN79       | 221       |
| RN80       | 220       |

### SW

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN81       | 170       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| SW2        | 114       |



### 34.Controller Board (G179)

| Index No. | Part No.  | Description    | Q'ty Per Assembly |
|-----------|-----------|----------------|-------------------|
| *         | G179 5706 | PCB:Controller | 1                 |

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 101       | 1102 6790 | Conector - 100R-LT-N1            |                   |
| 102       | 1102 7615 | Connector - B8B-XH-A             |                   |
| 103       | 1102 8212 | Connector:TX24-50R-10ST-H1E      |                   |
| 104       | 1102 8329 | Connector - USB - UBB-4R-D14C    |                   |
| 105       | 1102 9079 | Connector - RHM-88PL-SDK11-1     |                   |
| 106       | 1102 9336 | Connector:FPS009-2300-0          |                   |
| 107       | 1102 9890 | Connector:5-1605706-2            |                   |
| 108       | 1102 9956 | Connector:UBA-4R-D14T-4D(LF)(SN) |                   |
| 109       | 1103 4043 | Connector:87825-1001             |                   |
| 110       | 1104 0821 | IC Socket:16008-B0A0020N         |                   |
| 111       | 1107 1083 | Fuse:SST 4                       |                   |
| 112       | 1107 1099 | Fuse SST 5                       |                   |
| 113       | 1109 0009 | Fuse:MINISMDC075F                |                   |
| 114       | 1204 2791 | Dip Switch:DM-04-V               |                   |
| 115       | 1206 0124 | Lithium Cell:CR2032VO4H/Z        |                   |
| 116       | 1401 1318 | FET - HAT2198R                   |                   |
| 117       | 1401 1414 | FET:SI3433BDV-E3                 |                   |
| 118       | 1401 1415 | FET:SI3434DV-E3                  |                   |
| 119       | 1401 1448 | FET:SI3447BDV-E3                 |                   |
| 120       | 1401 1466 | FET:SI4800BDY-E3                 |                   |
| 121       | 1401 1475 | FET:SI3867DV-E3                  |                   |
| 122       | 1402 1336 | Diode - 1SS355                   |                   |
| 123       | 1402 1365 | Diode-RB751V-40                  |                   |
| 124       | 1402 1929 | Diode:RB160M-30                  |                   |
| 125       | 1402 2039 | Diode:RSX301LA-30                |                   |
| 126       | 1403 0953 | LED - SML-310MT                  |                   |
| 127       | 1403 0978 | LED - SML-310DT                  |                   |
| 128       | 1403 1131 | LED:SML-311UT                    |                   |
| 129       | 1407 4919 | IC - 74VHCT244 TSSOP             |                   |
| 130       | 1407 5009 | CMOS Logic:TC7SET04FU            |                   |
| 131       | 1407 5190 | CMOS Logic:TC7SZ08FU             |                   |
| 132       | 1407 5195 | CMOS Logic:TC7SZ05FU             |                   |
| 133       | 1407 5300 | CMOS Logic - 74LVC16244A TSSOP   |                   |
| 134       | 1407 5351 | IC - SN74LV14APW                 |                   |
| 135       | 1407 5482 | IC - SN74LVC07APW                |                   |

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 136       | 1407 5520 | IC - SN74LVC125APW                           |                   |
| 137       | 1407 5523 | ROM - I2C SOP 3V                             |                   |
| 138       | 1407 5528 | IC - SN74LVC126APW                           |                   |
| 139       | 1407 5604 | IC - SN74LVC16245ADGG                        |                   |
| 140       | 1407 6145 | IC:SN74LVC373APW                             |                   |
| 141       | 1407 6265 | Real Time Clock:R2025S                       |                   |
| 142       | 1407 6386 | CPU:RM7035C-533L-REV1.1                      |                   |
| 143       | 1407 6400 | Clock Generator - ICS960013BFLF              |                   |
| 144       | 1407 6671 | USB Controller:UPD720102GC-YEB-A             |                   |
| 145       | 1407 6723 | Custom IC:CORNET                             |                   |
| 146       | 1407 6741 | LAN Controller LSI:DP83848JSQ/NOPB           |                   |
| 147       | 1407 6801 | CMOS Logic:TC7PA17FU                         |                   |
| 148       | 1407 6803 | CMOS Logic:TC7SZ07FU                         |                   |
| 149       | 1407 6853 | CMOS Logic:HD74LV1GW17ACM                    |                   |
| 150       | 1407 6863 | Controller:ST19WP18FT28PVG1                  |                   |
| 151       | 1407 6898 | CMOS Logic:TC7WH126FK                        |                   |
| 152       | 1407 6899 | CMOS Logic:TC7WH125FK                        |                   |
| 153       | 1407 6944 | USB Controller IC:ST72681/R21                |                   |
| 154       | 1407 6951 | CMOS Logic:TC7MBL3245SFK                     |                   |
| 155       | 1408 1826 | IC - R3112Q421A                              |                   |
| 156       | 1408 2053 | IC:R3112Q291A-FA                             |                   |
| 157       | 1408 2087 | IC:LTC3736EUF#TRPBF                          |                   |
| 158       | 1408 2463 | DDR Terminator - TPS51116PWPG4               |                   |
| 159       | 1408 2484 | IC:LTC3808EDE#PBF                            |                   |
| 160       | 1503 1138 | Crystal Oscillator - 48MHz                   |                   |
| 161       | 1503 1355 | Crystal Oscillator:25MHz                     |                   |
| 162       | 1503 1362 | Crystal Oscillator:30MHz                     |                   |
| 163       | 1503 1363 | Crystal Oscillator:12MHz                     |                   |
| 164       | 1503 1379 | Crystal Oscillator:14.31818MHz               |                   |
| 165       | 1601 7887 | Resistor Array - 10K $\Omega$ $\pm$ 5% 1/32W |                   |
| 166       | 1601 7896 | Resistor Array - 56 $\Omega$ $\pm$ 5% 1/32W  |                   |
| 167       | 1601 7898 | Resistor Array                               |                   |
| 168       | 1601 7913 | Resistor 22 $\Omega$ $\pm$ 5% 1/32W          |                   |
| 169       | 1601 7914 | Resistor Array - 47 $\Omega$ $\pm$ 5%        |                   |
| 170       | 1601 7959 | Resistor                                     |                   |

| Index No. | Part No.  | Description                                   | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------------|-------------------|
| 171       | 1601 7981 | Resistor Array - 100K $\Omega$ $\pm$ 5% 1/16W |                   |
| 172       | 1605 1124 | Capacitor - 4.7 $\mu$ F+80 -20% 10V           |                   |
| 173       | 1605 1197 | Capacitor - 6pF $\pm$ 0.5pF 50V               |                   |
| 174       | 1605 1199 | Capacitor - 8pF $\pm$ 0.5pF 50V               |                   |
| 175       | 1605 1200 | Capacitor - 10pF $\pm$ 0.5pF 50V              |                   |
| 176       | 1605 1204 | Capacitor-pF50V                               |                   |
| 177       | 1605 1206 | Capacitor - 47pF $\pm$ 5% 50V                 |                   |
| 178       | 1605 1208 | Capacitor:100pF: $\pm$ 5%:50V                 |                   |
| 179       | 1605 1211 | Capacitor - 220pF $\pm$ 10% 50V               |                   |
| 180       | 1605 1212 | Capacitor - 470pF $\pm$ 10% 50V               |                   |
| 181       | 1605 1214 | Capacitor - 1000pF $\pm$ 10% 50V              |                   |
| 182       | 1605 1216 | Capacitor - 2200pF $\pm$ 10%:50V              |                   |
| 183       | 1605 1218 | Capacitor:4700pF: $\pm$ 10%:25V               |                   |
| 184       | 1605 1221 | Capacitor - 0.1 $\mu$ F+80-20%16V             |                   |
| 185       | 1605 1240 | Capacitor - 0.01 $\mu$ F $\pm$ 10% 25V        |                   |
| 186       | 1605 1284 | Capacitor:1500pF: $\pm$ 10%:50V               |                   |
| 187       | 1605 1289 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 10V         |                   |
| 188       | 1605 1293 | Capacitor - 27pF $\pm$ 5%50V                  |                   |
| 189       | 1605 1295 | Capacitor:10 $\mu$ F:+80-20%:10V              |                   |
| 190       | 1605 1296 | Capacitor - 330pF $\pm$ 10% 50V               |                   |
| 191       | 1605 1301 | Capacitor-6800pF $\pm$ 10% 50V                |                   |
| 192       | 1605 1306 | Capacitor - 1 $\mu$ F $\pm$ 10% 10V           |                   |
| 193       | 1605 1307 | Capacitor - 2.2 $\mu$ F+80-20% 11V            |                   |
| 194       | 1605 1358 | Capacitor - 10 $\mu$ F $\pm$ 10% 10V          |                   |
| 195       | 1605 1376 | Capacitor - 0.033 $\mu$ F- $\pm$ 10%:25V      |                   |
| 196       | 1605 1406 | Capacitor - 10 $\mu$ F $\pm$ 10% 6.3V         |                   |
| 197       | 1605 1451 | Capacitor:0.47 $\mu$ F: $\pm$ 10%:6.3V        |                   |
| 198       | 1605 1452 | Capacitor - 1 $\mu$ F $\pm$ 10% 6.3V          |                   |
| 199       | 1605 1474 | Capacitor - 47 $\mu$ F $\pm$ 20% 6.3V         |                   |
| 200       | 1605 1475 | Resistor - 1 $\mu$ F $\pm$ 10% 16V            |                   |
| 201       | 1605 1563 | Capacitor:10 $\mu$ F: $\pm$ 10%:10V           |                   |
| 202       | 1605 1583 | Capacitor - 0.1 $\mu$ F: $\pm$ 10%:16V        |                   |
| 203       | 1605 1587 | Capacitor:22 $\mu$ F: $\pm$ 20%:6.3V          |                   |
| 204       | 1605 1602 | Capacitor:3.3 $\mu$ F: $\pm$ 10%:6.3V         |                   |
| 205       | 1605 1605 | Capacitor - 4.7 $\mu$ F $\pm$ 10% 10V         |                   |

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 206       | 1605 1607 | Capacitor:22μF:+80-20%:6.3V      |                   |
| 207       | 1605 1681 | Capacitor:22μF:±20%:10V          |                   |
| 208       | 1605 1689 | Capacitor:100μF:±20%:6.3V        |                   |
| 209       | 1606 2319 | Capacitor:100μF:±20%:6.3V        |                   |
| 210       | 1607 1014 | Emi Filter - BLM11P600SPB        |                   |
| 211       | 1607 1051 | Filter -FBMJ2125HS420            |                   |
| 212       | 1607 1061 | Filter - BLM11P300SPB            |                   |
| 213       | 1607 1199 | Filter - BLM21PG600SN1B          |                   |
| 214       | 1607 1556 | Inductor:RLF7030-1R5N6R1         |                   |
| 215       | 1607 1567 | Filter:MPZ2012S101A              |                   |
| 216       | 1607 1572 | Filter:MPZ1608S101A              |                   |
| 217       | 1607 1637 | Coil:ACM2012-900-2P              |                   |
| 218       | 1607 1827 | Inductor:RLF7030-2R2M5R4         |                   |
| 219       | 1607 1946 | Inductor:VLF10040-2R2N7R1        |                   |
| 220       | 1609 0005 | Resistor:33 Ω:±5%:1/16W          |                   |
| 221       | 1609 0006 | Resistor:10K Ω:±5%:1/16W         |                   |
| 222       | 1609 0007 | Resistor - 68Ω ±5% 1/16W         |                   |
| 223       | 1609 0011 | Resistor:22Ω:±5%:1/16W           |                   |
| 224       | 1609 0016 | Resistor:56 Ω:±5%:1/16W          |                   |
| 225       | 1609 0020 | Resistor:10 Ω:±5%:1/16W          |                   |
| 226       | 1609 0026 | Resistor - 47Ω ±5% 1/16W         |                   |
| 227       | 1609 0027 | Resistor - 100KΩ±5% 1/16W        |                   |
| 228       | 1610 1900 | Resistor:56K Ω:±0.5%:1/16W 1005  |                   |
| 229       | 1610 2045 | Resistor:115KΩ:±0.1%:1/10W:2125  |                   |
| 230       | 1610 2046 | Resistor:25.5KΩ:±0.1%:1/10W:2125 |                   |
| 231       | 1610 2047 | Resistor:30.1KΩ:±0.1%:1/10W:2125 |                   |
| 232       | 1633 0000 | Resistor - 0 Ω 1/10W             |                   |
| 233       | 1634 0000 | Resistor - 0 Ω 1/16W             |                   |
| 234       | 1650 4101 | Resistor - 100Ω±5%1/10W          |                   |
| 235       | 1650 4470 | Resistor - 47Ω±5%1/10W           |                   |
| 236       | 1650 4472 | Resistor - 4.7KΩ ±5% 1/10W       |                   |
| 237       | 1650 5101 | Chip Resistor - 100 Ω±5%1/16W    |                   |
| 238       | 1650 5102 | Chip Resistor - 1KΩ±5%1/16W      |                   |
| 239       | 1650 5103 | Chip Resistor - 10KΩ±5%1/16W     |                   |
| 240       | 1650 5104 | Chip Resistor - 100KΩ±5%1/16W    |                   |

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 241       | 1650 5109 | Chip Resistor 1Ω ±5% 1/16W      |                   |
| 242       | 1650 5122 | Chip Resistor - 1.2KΩ±5%1/16W   |                   |
| 243       | 1650 5152 | Chip Resistor:1.5kΩ:±5%:1/16w   |                   |
| 244       | 1650 5203 | Resistor - 20KΩ ±5% 1/16W       |                   |
| 245       | 1650 5220 | Resistor - 22Ω ±5% 1/16W        |                   |
| 246       | 1650 5221 | Chip Resistor - 220Ω±5%1/16W    |                   |
| 247       | 1650 5222 | Resistor - 2.2KΩ ±5% 1/16W      |                   |
| 248       | 1650 5272 | Chip Resistor:2.7KΩ:±5%:1/16W   |                   |
| 249       | 1650 5330 | Chip Resistor - 33Ω±5%1/16W     |                   |
| 250       | 1650 5470 | Chip Resistor 47Ω ±5% 1/16W     |                   |
| 251       | 1650 5472 | Chip Resistor:4.7KΩ:±5%:1/16W   |                   |
| 252       | 1650 5560 | Chip Resistor 56Ω ±5% 1/16W     |                   |
| 253       | 1650 5621 | Chip Resistor 620Ω ±5% 1/16W    |                   |
| 254       | 1650 5683 | Chip Resistor 68KΩ ±5% 1/16W    |                   |
| 255       | 1650 5822 | Chip Resistor:8.2KΩ:±5%:1/16W   |                   |
| 256       | 1654 1002 | Resistor - 10KΩ±5%1/10W         |                   |
| 257       | 1654 1004 | Chip Resistor - 1MΩ ±1% 1/10W   |                   |
| 258       | 1654 1009 | Resistor - 10Ω±1% 1/10W         |                   |
| 259       | 1654 1502 | Resistor - 15KΩ±1% 1/10W        |                   |
| 260       | 1654 1509 | Chip Resistor:15Ω:±1%:1/10W     |                   |
| 261       | 1654 2209 | Resistor - 22Ω±1% 1/10W         |                   |
| 262       | 1654 3002 | Resistor - 30KΩ±1%1/10W         |                   |
| 263       | 1654 6800 | Resistor - 680 Ω ±1% 1/10W      |                   |
| 264       | 1655 0000 | Chip Resistor - 0Ω±0%1/16W      |                   |
| 265       | 1655 1000 | Chip Resistor:100Ω:±1%:1/16W    |                   |
| 266       | 1655 1002 | Chip Resistor - 10KΩ±1%1/16W    |                   |
| 267       | 1655 1003 | Chip Resistor - 100KΩ±1%1/16W   |                   |
| 268       | 1655 1009 | Resistor - 10Ω ±1% 1/16W        |                   |
| 269       | 1655 1109 | Resistor:11 Ω:±1%:1/16W:1005    |                   |
| 270       | 1655 1132 | Resistor:11.3K Ω:±1%:1/16W:1005 |                   |
| 271       | 1655 1200 | Resistor - 120 Ω ±1% 1/16W      |                   |
| 272       | 1655 1242 | Resistor:12.4K Ω:±1%:1/16W:1005 |                   |
| 273       | 1655 1501 | Chip Resistor 1.5KΩ ±1% 1/16W   |                   |
| 274       | 1655 1502 | Resistor - 15KΩ ±1% 1/16W       |                   |
| 275       | 1655 1601 | Resistor:1.6K Ω:±1%:1/16W:1005  |                   |





## 35.BICU Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C1         | 150       | C11        | 147       | C21        | 198       | C31        | 144       | C41        | 202       | ---        | ---       | C61        | 192       |
| C2         | 149       | C12        | 144       | C22        | 198       | C32        | 143       | C42        | 196       | C52        | 150       | C62        | 144       |
| C3         | 149       | C13        | 200       | C23        | 198       | C33        | 193       | C43        | 144       | ---        | ---       | C63        | 200       |
| C4         | 150       | C14        | 147       | C24        | 200       | C34        | 194       | C44        | 192       | ---        | ---       | C64        | 202       |
| C5         | 149       | C15        | 144       | C25        | 192       | C35        | 149       | C45        | 143       | ---        | ---       | C65        | 143       |
| C6         | 141       | C16        | 192       | C26        | 202       | C36        | 143       | ---        | ---       | ---        | ---       | C66        | 192       |
| C7         | 149       | C17        | 148       | C27        | 192       | C37        | 143       | ---        | ---       | C57        | 150       | C67        | 148       |
| C8         | 150       | C18        | 143       | C28        | 149       | C38        | 144       | C48        | 202       | C58        | 143       | C68        | 142       |
| C9         | 148       | ---        | ---       | C29        | 149       | C39        | 146       | C49        | 144       | C59        | 148       | C69        | 144       |
| C10        | 143       | C20        | 198       | C30        | 143       | C40        | 196       | ---        | ---       | C60        | 143       | C70        | 140       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | C81        | 197       | C91        | 149       | C101       | 200       | C111       | 143       | C121       | 149       | ---        | ---       |
| C72        | 144       | C82        | 196       | C92        | 144       | C102       | 150       | C112       | 143       | C122       | 143       | C132       | 144       |
| C73        | 149       | C83        | 201       | C93        | 150       | C103       | 149       | ---        | ---       | C123       | 200       | C133       | 195       |
| C74        | 144       | C84        | 196       | C94        | 149       | C104       | 143       | C114       | 144       | C124       | 143       | C134       | 143       |
| C75        | 144       | C85        | 196       | C95        | 143       | C105       | 143       | C115       | 199       | C125       | 197       | C135       | 148       |
| C76        | 143       | C86        | 144       | C96        | 149       | C106       | 143       | C116       | 144       | C126       | 197       | C136       | 143       |
| C77        | 149       | C87        | 143       | C97        | 150       | C107       | 149       | C117       | 147       | C127       | 144       | C137       | 148       |
| C78        | 149       | C88        | 144       | C98        | 200       | C108       | 150       | C118       | 144       | C128       | 144       | C138       | 144       |
| C79        | 149       | C89        | 149       | C99        | 200       | C109       | 140       | C119       | 143       | C129       | 149       | C139       | 147       |
| C80        | 197       | C90        | 202       | C100       | 200       | C110       | 144       | C120       | 143       | C130       | 143       | C140       | 197       |

## 35.BICU Board (G179)

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C141       | 197       |
| C142       | 197       |
| C143       | 197       |
| C144       | 143       |
| C145       | 148       |
| C146       | 148       |
| C147       | 143       |
| C148       | 143       |
| C149       | 143       |
| C150       | 197       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C151       | 197       |
| C152       | 149       |
| C153       | 145       |
| C154       | 144       |
| C155       | 148       |
| C156       | 143       |
| C157       | 143       |
| C158       | 144       |
| C159       | 143       |
| C160       | 144       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C161       | 143       |
| C162       | 144       |
| C163       | 148       |
| C164       | 144       |
| C165       | 143       |
| C166       | 144       |
| C167       | 143       |
| C168       | 143       |
| C169       | 143       |
| C170       | 144       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C171       | 144       |
| C172       | 148       |
| C173       | 148       |
| C174       | 144       |
| C175       | 143       |
| C176       | 144       |
| C177       | 143       |
| C178       | 143       |
| C179       | 144       |
| C180       | 148       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C181       | 144       |
| C182       | 143       |
| C183       | 143       |
| C184       | 144       |
| C185       | 143       |
| C186       | 148       |
| C187       | 148       |
| C188       | 149       |
| C189       | 148       |
| C190       | 196       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C191       | 144       |
| C192       | 148       |
| C193       | 144       |

### CA

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CA1        | 151       |
| CA2        | 151       |
| CA3        | 151       |
| CA4        | 151       |
| CA5        | 151       |

### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN1        | 107       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN101      | 111       |
| CN102      | 104       |
| CN103      | 108       |
| CN104      | 109       |
| CN105      | 103       |
| ---        | ---       |
| ---        | ---       |
| CN108      | 110       |
| ---        | ---       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| CN112      | 112       |
| CN113      | 105       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN121      | 106       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D1         | 119       |
| D2         | 118       |
| D3         | 119       |
| D4         | 119       |
| D5         | 119       |

### FIL

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FIL1       | 152       |
| FIL2       | 152       |
| FIL3       | 153       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC1        | 137       |
| IC2        | 133       |
| IC3        | 128       |
| IC4        | 130       |
| IC7        | 136       |
| IC8        | 123       |

## 35.BICU Board (G179)

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| IC12       | 124       |
| IC13       | 138       |
| IC14       | 129       |
| IC15       | 134       |
| IC16       | 122       |
| IC17       | 203       |
| ---        | ---       |
| IC19       | 125       |
| IC20       | 125       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC21       | 127       |
| IC22       | 127       |
| IC23       | 138       |
| IC24       | 1         |
| IC25       | 204       |
| IC26       | 126       |
| IC27       | 126       |
| IC28       | 131       |
| IC29       | 130       |
| IC30       | 121       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ICS1       | 113       |

### L

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| L1         | 155       |
| L2         | 154       |

### LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED1       | 120       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC1       | 139       |

### Q

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| Q2         | 114       |
| Q3         | 114       |
| Q4         | 115       |
| Q5         | 116       |
| Q6         | 117       |
| Q7         | 114       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R1         | 186       |
| R2         | 185       |
| R3         | 179       |
| R4         | 168       |
| ---        | ---       |
| R6         | 168       |
| R7         | 171       |
| R8         | 169       |
| R9         | 170       |
| R10        | 170       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R11        | 188       |
| R12        | 170       |
| R13        | 190       |
| R14        | 170       |
| R15        | 174       |
| R16        | 172       |
| R17        | 189       |
| R18        | 189       |
| R19        | 189       |
| R20        | 189       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R21        | 170       |
| R22        | 184       |
| R23        | 184       |
| R24        | 172       |
| R25        | 170       |
| R26        | 170       |
| R27        | 172       |
| R28        | 172       |
| R29        | 171       |
| R30        | 172       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R31        | 171       |
| R32        | 173       |
| R33        | 171       |
| R34        | 172       |
| R35        | 184       |
| ---        | ---       |
| R37        | 184       |
| R38        | 184       |
| R39        | 171       |
| R40        | 178       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R44        | 171       |
| R45        | 170       |
| R46        | 169       |
| R47        | 178       |
| R48        | 170       |
| R49        | 171       |
| R50        | 171       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R51        | 171       |
| R52        | 172       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| R57        | 169       |
| R58        | 172       |
| ---        | ---       |
| R60        | 184       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R61        | 172       |
| R62        | 171       |
| R63        | 169       |
| R64        | 171       |
| R65        | 171       |
| R66        | 184       |
| R67        | 184       |
| R68        | 184       |
| R69        | 178       |
| R70        | 180       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R71        | 172       |
| R72        | 184       |
| R73        | 172       |
| R74        | 179       |
| R75        | 184       |
| R76        | 184       |
| R77        | 184       |
| R78        | 184       |
| R79        | 184       |
| R80        | 184       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R81        | 172       |
| R82        | 172       |
| R83        | 178       |
| R84        | 172       |
| R85        | 184       |
| R86        | 171       |
| R87        | 178       |
| R88        | 178       |
| R89        | 171       |
| R90        | 170       |

## 35.BICU Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | R101       | 181       | R111       | 171       | R121       | 172       | R131       | 172       | R141       | 182       | R151       | 170       |
| ---        | ---       | R102       | 178       | R112       | 178       | R122       | 181       | R132       | 172       | R142       | 183       | R152       | 176       |
| ---        | ---       | R103       | 171       | ---        | ---       | R123       | 172       | R133       | 184       | R143       | 178       | R153       | 171       |
| ---        | ---       | R104       | 175       | R114       | 169       | R124       | 172       | R134       | 169       | R144       | 172       | R154       | 172       |
| R95        | 178       | R105       | 179       | R115       | 172       | R125       | 172       | R135       | 169       | R145       | 172       | R155       | 178       |
| R96        | 177       | R106       | 178       | R116       | 172       | R126       | 172       | R136       | 184       | R146       | 169       | R156       | 172       |
| R97        | 172       | R107       | 178       | ---        | ---       | R127       | 184       | R137       | 169       | R147       | 172       | R157       | 172       |
| R98        | 178       | R108       | 184       | R118       | 187       | R128       | 171       | R138       | 169       | R148       | 170       | R158       | 172       |
| R99        | 167       | R109       | 184       | R119       | 191       | R129       | 172       | R139       | 169       | R149       | 176       | R159       | 172       |
| R100       | 167       | R110       | 171       | R120       | 169       | R130       | 172       | R140       | 172       | R150       | 170       | R160       | 172       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R161       | 172       |
| R162       | 172       |
| R163       | 172       |
| ---        | ---       |
| R165       | 171       |
| R166       | 178       |
| R167       | 172       |
| R168       | 172       |
| R169       | 172       |

### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG1       | 132       |
| REG2       | 135       |
| REG3       | 135       |
| REG4       | 132       |

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN1        | 161       |
| RN2        | 161       |
| RN3        | 158       |
| RN4        | 158       |
| RN5        | 162       |
| RN6        | 163       |
| RN7        | 163       |
| RN8        | 163       |
| RN9        | 161       |
| RN10       | 157       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN11       | 163       |
| RN12       | 164       |
| RN13       | 161       |
| RN14       | 158       |
| RN15       | 158       |
| RN16       | 158       |
| RN17       | 158       |
| RN18       | 165       |
| RN19       | 161       |
| RN20       | 163       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN21       | 161       |
| RN22       | 157       |
| RN23       | 157       |
| RN24       | 157       |
| RN25       | 163       |
| RN26       | 156       |
| RN27       | 163       |
| RN28       | 161       |
| RN29       | 156       |
| RN30       | 156       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN31       | 160       |
| RN32       | 157       |
| RN33       | 166       |
| RN34       | 160       |
| RN35       | 161       |
| RN36       | 158       |
| RN37       | 158       |
| RN38       | 159       |
| RN39       | 158       |
| RN40       | 157       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN41       | 161       |
| RN42       | 162       |
| RN43       | 156       |
| RN44       | 161       |
| RN45       | 163       |
| RN46       | 161       |
| RN47       | 158       |
| RN48       | 157       |
| RN49       | 161       |
| RN50       | 161       |

### 35.BICU Board (G179)

#### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN51       | 157       |
| RN52       | 164       |
| RN53       | 161       |
| RN54       | 158       |
| RN55       | 158       |
|            |           |
| RN56       | 157       |
| RN57       | 157       |
| RN58       | 164       |
| RN59       | 158       |
| RN60       | 158       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN61       | 163       |
| RN62       | 156       |
| RN63       | 160       |
| RN64       | 160       |
| RN65       | 156       |
|            |           |
| RN66       | 158       |
| RN67       | 158       |
| RN68       | 161       |
| RN69       | 161       |
| RN70       | 161       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN71       | 160       |

#### TP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP1        | 101       |
| TP2        | 102       |
| TP3        | 101       |
| TP4        | 102       |
| TP5        | 102       |
|            |           |
| TP6        | 101       |
| TP7        | 102       |
| TP8        | 102       |
| TP9        | 102       |
| TP10       | 102       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP11       | 102       |
| TP12       | 102       |
| TP13       | 102       |
| TP14       | 102       |
| TP15       | 102       |
|            |           |
| TP16       | 102       |
| TP17       | 102       |
| TP18       | 102       |
| ---        | ---       |
| TP20       | 102       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP21       | 102       |
| TP22       | 102       |
| TP23       | 102       |
| TP24       | 102       |
| TP25       | 102       |
|            |           |
| TP26       | 102       |
| TP27       | 102       |
| TP28       | 102       |
| TP29       | 102       |
| TP30       | 102       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP31       | 102       |
| TP32       | 102       |
| TP33       | 102       |
| TP34       | 101       |
| TP35       | 102       |
|            |           |
| TP36       | 102       |
| TP37       | 102       |
| TP38       | 102       |
| TP39       | 102       |
| TP40       | 102       |

#### TP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP41       | 102       |
| TP42       | 102       |
| TP43       | 102       |
| TP44       | 102       |
| TP45       | 102       |
|            |           |
| TP46       | 102       |
| TP47       | 102       |
| TP48       | 102       |
| TP49       | 102       |
| TP50       | 101       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP51       | 102       |
| TP52       | 102       |
| TP53       | 102       |
| TP54       | 102       |
| TP55       | 102       |
|            |           |
| TP56       | 102       |
| TP57       | 102       |
| TP58       | 102       |
| TP59       | 101       |

### 35.BICU Board (G179)



| Index No. | Part No.  | Description   | Q'ty Per Assembly |
|-----------|-----------|---------------|-------------------|
| *         | G179 5135 | PCB:BCU       | 1                 |
| 1         | B188 5350 | LSI:MB87M4290 | 1                 |

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 101       | 1100 1476 | Test Pin                       |                   |
| 102       | 1100 1829 | Test Pin:RCTCBK                |                   |
| 103       | 1102 4203 | CT Header - 4P                 |                   |
| 104       | 1102 4204 | CT Header - 5P                 |                   |
| 105       | 1102 4645 | CT Connector - 4P              |                   |
| 106       | 1102 5304 | Connector - 5P                 |                   |
| 107       | 1102 5943 | Connector - 2P                 |                   |
| 108       | 1102 7358 | Connector - 80P                |                   |
| 109       | 1102 9116 | Connector - 353297-5           |                   |
| 110       | 1103 3177 | Connector - FH12-45S-0.5SV(89) |                   |
| 111       | 1103 3188 | Connector:FH12S-50S-0.5SH(89)  |                   |
| 112       | 1103 3207 | Connector - FH12-36S-0.5SH(89) |                   |
| 113       | 1104 0821 | IC Socket:16008-B0A0020N       |                   |
| 114       | 1400 1152 | Transistor:RT1N436M-T111       |                   |
| 115       | 1400 1154 | Transistor:RT1P436M-T111       |                   |
| 116       | 1400 1281 | Transistor:2SC4155A-T111       |                   |
| 117       | 1400 1289 | Transistor:RT1N242M-T111       |                   |
| 118       | 1402 1343 | Diode - RB106L-40              |                   |
| 119       | 1402 1995 | Diode:SDS511                   |                   |
| 120       | 1403 0996 | LED - SML-310VT                |                   |
| 121       | 1407 5192 | CMOS Logic:TC7SZ04FU           |                   |
| 122       | 1407 5347 | IC - SN74LV08APW               |                   |
| 123       | 1407 5351 | IC - SN74LV14APW               |                   |
| 124       | 1407 5353 | IC - SN74LV244APW              |                   |
| 125       | 1407 5392 | IC:SN74LV541APW                |                   |
| 126       | 1407 5463 | IC - SN74LV245APW              |                   |
| 127       | 1407 5633 | IC - SN74LV574APW              |                   |
| 128       | 1407 6166 | IC - ESOC                      |                   |
| 129       | 1407 6430 | IC - GAVD Type-R               |                   |
| 130       | 1407 6787 | CMOS Logic:TC7SH125FU          |                   |
| 131       | 1407 6801 | CMOS Logic:TC7PA17FU           |                   |
| 132       | 1408 1669 | Series Regulator:R1170H331B    |                   |
| 133       | 1408 1826 | IC - R3112Q421A                |                   |
| 134       | 1408 1829 | Ope Amp - LM358PW              |                   |
| 135       | 1408 1850 | Regulator - R1170H181B         |                   |

| Index No. | Part No.  | Description                                           | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------------------|-------------------|
| 136       | 1408 1907 | IC:R3112Q451A-FA                                      |                   |
| 137       | 1408 1962 | IC - PQ1CZ41H2ZPH                                     |                   |
| 138       | 1408 2024 | IC:R3112Q261A-FA                                      |                   |
| 139       | 1503 1215 | Crystal Oscillator - 17.5MHz                          |                   |
| 140       | 1604 4728 | Capacitor - 100 $\mu$ F $\pm$ 20% 16V                 |                   |
| 141       | 1604 5002 | Capacitor - 220 $\mu$ F $\pm$ 20% 6.3V                |                   |
| 142       | 1604 5186 | Capacitor:220 $\mu$ F: $\pm$ 20%:10V                  |                   |
| 143       | 1605 1137 | Capacitor - 470pF $\pm$ 10% 50V                       |                   |
| 144       | 1605 1148 | Capacitor - 0.1 $\mu$ F+80-20% 50V                    |                   |
| 145       | 1605 1186 | Ceramic Capacitor:220pF: $\pm$ 10%:50V                |                   |
| 146       | 1605 1281 | Capacitor - 0.22 $\mu$ F $\pm$ 10% 16V                |                   |
| 147       | 1605 1295 | Capacitor:10 $\mu$ F:+80-20%:10V                      |                   |
| 148       | 1605 1347 | Capacitor - 1 $\mu$ F:+80-20%:16V                     |                   |
| 149       | 1605 1353 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 25V                 |                   |
| 150       | 1605 1586 | Capacitor:10 $\mu$ F: $\pm$ 10%:16V                   |                   |
| 151       | 1605 1692 | Capacitor:47pF: $\pm$ 10%:50V                         |                   |
| 152       | 1607 0861 | Filter - BK2125HS101                                  |                   |
| 153       | 1607 0870 | Filter - BK1608HS121                                  |                   |
| 154       | 1607 1546 | Inductor - SLF6028-220MR77-PF                         |                   |
| 155       | 1607 1707 | Inductor:CDRH5D28RNP-150NC                            |                   |
| 156       | 1609 0005 | Resistor:33 $\Omega$ : $\pm$ 5%:1/16W                 |                   |
| 157       | 1609 0006 | Resistor:10K $\Omega$ : $\pm$ 5%:1/16W                |                   |
| 158       | 1609 0007 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W                 |                   |
| 159       | 1609 0017 | Resistor:150 $\Omega$ : $\pm$ 5%:1/16W                |                   |
| 160       | 1609 0027 | Resistor - 100K $\Omega$ $\pm$ 5% 1/16W               |                   |
| 161       | 1609 0039 | Resistor Array:10K $\Omega$ : $\pm$ 5%:1/16W:4Number  |                   |
| 162       | 1609 0041 | Resistor Array:100 $\Omega$ : $\pm$ 5%:1/16W:4Number  |                   |
| 163       | 1609 0044 | Resistor Array:33 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 164       | 1609 0048 | Resistor Array:68 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 165       | 1609 0049 | Resistor Array:1K $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 166       | 1609 0051 | Resistor Array:100K $\Omega$ : $\pm$ 5%:1/16W:4Number |                   |
| 167       | 1610 1427 | Resistor - 15 $\Omega$ $\pm$ 5% 1W                    |                   |
| 168       | 1633 0000 | Resistor - 0 $\Omega$ 1/10W                           |                   |
| 169       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                           |                   |
| 170       | 1650 4101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/10W                |                   |

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 171       | 1650 4102 | Resistor - 1K $\Omega$ $\pm$ 5% 1/10W        |                   |
| 172       | 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       |                   |
| 173       | 1650 4105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W        |                   |
| 174       | 1650 4122 | Capacitor - 0.033 $\mu$ F- $\pm$ 10%:25V     |                   |
| 175       | 1650 4181 | Resistor - 180 $\Omega$ $\pm$ 5%1/10W        |                   |
| 176       | 1650 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%1/10W       |                   |
| 177       | 1650 4244 | Resistor:240K $\Omega$ : $\pm$ 5%:1/10W:1608 |                   |
| 178       | 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W   |                   |
| 179       | 1650 4331 | Resistor - 330 $\Omega$ $\pm$ 5%1/10W        |                   |
| 180       | 1650 4332 | Resistor - 3.3K $\Omega$ $\pm$ 5%1/10W       |                   |
| 181       | 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W      |                   |
| 182       | 1650 4511 | Resistor - 510 $\Omega$ $\pm$ 5%1/10W        |                   |
| 183       | 1650 4561 | Resistor - 560 $\Omega$ $\pm$ 5% 1/10W       |                   |
| 184       | 1650 4680 | Resistor - 68 $\Omega$ $\pm$ 5%1/10W         |                   |
| 185       | 1654 1802 | Resistor - 18K $\Omega$ $\pm$ 1%1/10W        |                   |
| 186       | 1654 2202 | Resistor - 22K $\Omega$ $\pm$ 1% 1/10W       |                   |
| 187       | 1654 3900 | Resistor:390 $\Omega$ : $\pm$ 1%:1/10W       |                   |
| 188       | 1654 4701 | Resistor - 4.7K $\Omega$ $\pm$ 1% 1/10W      |                   |
| 189       | 1654 4709 | Resistor - 47 $\Omega$ $\pm$ 1% 1/10W        |                   |
| 190       | 1654 5600 | Resistor - 560 $\Omega$ $\pm$ 1% 1/10W       |                   |
| 191       | 1654 9100 | Resistor:910 $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 192       | 1660 2101 | Capacitor - 100pF - $\pm$ 10% - 50V          |                   |
| 193       | 1660 2120 | Capacitor - 12 pF $\pm$ 5% 50V               |                   |
| 194       | 1660 2150 | Capacitor - 15pF $\pm$ 5% 50V                |                   |
| 195       | 1660 2181 | Capacitor - 180pF $\pm$ 5% 50V               |                   |
| 196       | 1660 2330 | Capacitor - 33pF - $\pm$ 5% - 50V            |                   |
| 197       | 1660 2470 | Capacitor - 47pF $\pm$ 5% 50V                |                   |
| 198       | 1660 2560 | Capacitor - 56pF $\pm$ 5% 50V                |                   |
| 199       | 1660 4102 | Capacitor - 1000pF $\pm$ 10% 50V             |                   |
| 200       | 1660 4103 | Capacitor - 10000pF - $\pm$ 10% - 50V        |                   |
| 201       | 1660 4472 | Capacitor - 4700pF $\pm$ 10% 50V             |                   |
| 202       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V           |                   |
| 203       | 1902 0084 | SRAM:4M:x16:TSOP44Type2:3.3V                 |                   |
| 204       | 1906 0101 | Flash Memory:S29GL032A90TFIR40               |                   |



## 36.IO Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C1         | 181       | C11        | 180       | C21        | 180       | C31        | 185       | C41        | 264       | C51        | 185       | C61        | 264       |
| C2         | 181       | C12        | 185       | C22        | 179       | C32        | 185       | C42        | 185       | C52        | 264       | C62        | 188       |
| C3         | 180       | C13        | 180       | C23        | 178       | C33        | 185       | C43        | 185       | C53        | 183       | C63        | 180       |
| C4         | 180       | C14        | 185       | C24        | 180       | C34        | 185       | C44        | 185       | C54        | 183       | C64        | 180       |
| C5         | 180       | C15        | 185       | C25        | 195       | C35        | 185       | C45        | 185       | C55        | 184       | C65        | 180       |
| C6         | 190       | C16        | 180       | C26        | 173       | C36        | 185       | C46        | 185       | C56        | 180       | C66        | 255       |
| C7         | 187       | C17        | 264       | C27        | 180       | C37        | 185       | C47        | 185       | C57        | 195       | C67        | 180       |
| C8         | 180       | C18        | 185       | C28        | 179       | C38        | 185       | C48        | 185       | C58        | 195       | C68        | 180       |
| C9         | 180       | C19        | 180       | C29        | 185       | C39        | 171       | C49        | 185       | C59        | 174       | C69        | 180       |
| C10        | 180       | C20        | 180       | C30        | 185       | C40        | 179       | C50        | 185       | C60        | 264       | C70        | 260       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C71        | 180       | C81        | 180       | C91        | 257       | C101       | 191       | C111       | 264       | C121       | 175       | C131       | 176       |
| C72        | 264       | C82        | 264       | C92        | 191       | C102       | 187       | C112       | 264       | C122       | 180       | C132       | 176       |
| C73        | 256       | C83        | 264       | C93        | 264       | C103       | 186       | C113       | 193       | C123       | 180       | C133       | 176       |
| C74        | 254       | C84        | 264       | C94        | 264       | C104       | 180       | C114       | 264       | C124       | 263       | ---        | ---       |
| C75        | 264       | C85        | 182       | C95        | 182       | C105       | 191       | C115       | 171       | C125       | 180       | C135       | 180       |
| C76        | 180       | C86        | 191       | C96        | 264       | C106       | 258       | C116       | 182       | C126       | 171       | C136       | 187       |
| C77        | 264       | C87        | 264       | C97        | 188       | C107       | 191       | C117       | 180       | C127       | 180       | C137       | 178       |
| C78        | 191       | C88        | 182       | C98        | 264       | C108       | 182       | C118       | 264       | C128       | 180       | C138       | 187       |
| C79        | 264       | C89        | 187       | C99        | 172       | C109       | 188       | C119       | 264       | C129       | 264       | C139       | 177       |
| C80        | 186       | C90        | 180       | C100       | 264       | C110       | 264       | C120       | 207       | C130       | 264       | C140       | 177       |

## 36.IO Board (G179)

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C141       | 180       |
| C142       | 189       |
| C143       | 262       |
| C144       | 189       |
| C145       | 264       |
| C146       | 262       |
| C147       | 262       |
| C148       | 264       |
| C149       | 264       |
| C150       | 259       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C151       | 263       |
| C152       | 263       |
| C153       | 264       |
| C154       | 264       |
| C155       | 261       |
| C156       | 264       |
| C157       | 264       |
| C158       | 186       |
| C159       | 264       |
| C160       | 264       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C161       | 261       |
| C162       | 264       |
| C163       | 188       |
| C164       | 188       |
| C165       | 178       |
| C166       | 264       |
| C167       | 261       |
| C168       | 264       |
| C169       | 264       |
| C170       | 259       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C171       | 264       |
| C172       | 264       |
| C173       | 178       |
| C174       | 264       |
| C175       | 264       |
| C176       | 264       |
| C177       | 178       |
| C178       | 189       |
| C179       | 189       |
| C180       | 263       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C181       | 177       |
| C182       | 180       |
| C183       | 180       |
| C184       | 180       |

### CA

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CA1        | 194       |
| CA2        | 194       |
| CA3        | 194       |
| CA4        | 194       |
| CA5        | 192       |
| CA6        | 192       |
| CA7        | 192       |
| CA8        | 194       |
| CA9        | 194       |
| CA10       | 194       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CA11       | 194       |
| CA12       | 194       |
| CA13       | 194       |
| CA14       | 194       |

### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN201      | 106       |
| CN202      | 108       |
| CN203      | 107       |
| CN204      | 126       |
| CN205      | 114       |
| CN206      | 125       |
| CN207      | 109       |
| CN208      | 117       |
| CN209      | 115       |
| CN210      | 116       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| CN212      | 105       |
| CN213      | 116       |
| ---        | ---       |
| CN215      | 122       |
| CN216      | 119       |
| CN217      | 120       |
| CN218      | 124       |
| ---        | ---       |
| CN220      | 112       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN221      | 118       |
| CN222      | 127       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| CN226      | 113       |
| CN227      | 123       |
| CN228      | 104       |
| CN229      | 103       |
| CN230      | 111       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| CN232      | 121       |
| CN233      | 110       |
| CN234      | 109       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| CN299      | 104       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D1         | 144       |
| D2         | 144       |
| D3         | 144       |
| D4         | 144       |
| D5         | 144       |
| D6         | 144       |
| ---        | ---       |
| ---        | ---       |
| D9         | 142       |
| D10        | 142       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D11        | 142       |
| D12        | 144       |
| ---        | ---       |
| D14        | 144       |
| D15        | 144       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |
| ---        | ---       |

## 36.IO Board (G179)

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D22        | 144       |

### FUSE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FU1        | 128       |
| FU2        | 129       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC1        | 158       |
| IC2        | 157       |
| IC3        | 169       |
| IC4        | 154       |
| IC5        | 152       |
|            |           |
| IC6        | 153       |
| IC7        | 159       |
| IC8        | 152       |
| IC9        | 156       |
| IC10       | 149       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC11       | 166       |
| IC12       | 160       |
| IC13       | 167       |
| IC14       | 1         |
| IC15       | 151       |
|            |           |
| IC16       | 162       |
| IC17       | 155       |
| IC18       | 161       |
| IC19       | 161       |
| IC20       | 150       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC21       | 148       |
| IC22       | 148       |
| IC23       | 146       |
| IC24       | 158       |
| IC25       | 167       |
|            |           |
| IC26       | 164       |
| IC27       | 165       |
| IC28       | 147       |
| IC29       | 147       |
| IC30       | 147       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC31       | 147       |

### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC1       | 170       |

### Q

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q1         | 131       |
| Q2         | 133       |
| Q3         | 133       |
| Q4         | 139       |
| Q5         | 138       |
|            |           |
| Q6         | 135       |
| Q7         | 136       |
| Q8         | 136       |
| Q9         | 136       |
| Q10        | 133       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q11        | 133       |
| Q12        | 139       |
| Q13        | 134       |
| Q14        | 135       |
| ---        | ---       |
|            |           |
| ---        | ---       |
| Q17        | 137       |
| Q18        | 132       |
| Q19        | 137       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R1         | 223       |
| R2         | 224       |
| R3         | 223       |
| R4         | 224       |
| R5         | 223       |
|            |           |
| R6         | 224       |
| R7         | 224       |
| R8         | 224       |
| R9         | 223       |
| R10        | 224       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R11        | 224       |
| R12        | 223       |
| R13        | 223       |
| R14        | 223       |
| R15        | 223       |
|            |           |
| R16        | 223       |
| R17        | 224       |
| R18        | 223       |
| R19        | 224       |
| R20        | 224       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| R22        | 228       |
| R23        | 223       |
| ---        | ---       |
| R25        | 224       |
|            |           |
| R26        | 223       |
| R27        | 223       |
| R28        | 228       |
| R29        | 222       |
| R30        | 228       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R31        | 222       |
| R32        | 224       |
| R33        | 224       |
| R34        | 228       |
| R35        | 232       |
|            |           |
| ---        | ---       |
| R37        | 224       |
| R38        | 227       |
| R39        | 228       |
| R40        | 224       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R41        | 223       |
| R42        | 204       |
| R43        | 204       |
| R44        | 224       |
| R45        | 224       |
|            |           |
| R46        | 224       |
| R47        | 224       |
| R48        | 224       |
| R49        | 224       |
| R50        | 222       |

## 36.IO Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R51        | 224       | R61        | 224       | R71        | 219       | R81        | 249       | R91        | 224       | R101       | 228       | R111       | 250       |
| R52        | 224       | R62        | 228       | R72        | 221       | R82        | 249       | R92        | 224       | R102       | 223       | R112       | 220       |
| R53        | 232       | ---        | ---       | R73        | 223       | R83        | 229       | R93        | 232       | R103       | 224       | R113       | 223       |
| R54        | 232       | R64        | 225       | R74        | 224       | R84        | 229       | R94        | 228       | R104       | 250       | R114       | 223       |
| R55        | 224       | R65        | 231       | R75        | 224       | R85        | 223       | R95        | 224       | R105       | 210       | R115       | 223       |
| R56        | 224       | R66        | 224       | R76        | 224       | R86        | 223       | R96        | 232       | R106       | 210       | R116       | 253       |
| R57        | 224       | R67        | 224       | ---        | ---       | R87        | 229       | R97        | 224       | R107       | 220       | R117       | 224       |
| R58        | 224       | R68        | 228       | R78        | 224       | ---        | ---       | R98        | 203       | ---        | ---       | R118       | 247       |
| R59        | 224       | ---        | ---       | R79        | 203       | R89        | 228       | R99        | 228       | R109       | 224       | R119       | 248       |
| R60        | 224       | R70        | 202       | R80        | 224       | R90        | 223       | R100       | 224       | R110       | 224       | R120       | 223       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R121       | 224       | R131       | 224       | R141       | 230       | R151       | 224       | R161       | 224       | R171       | 223       | ---        | ---       |
| R122       | 226       | R132       | 223       | R142       | 252       | R152       | 224       | R162       | 252       | R172       | 224       | R182       | 202       |
| R123       | 206       | R133       | 230       | R143       | 223       | R153       | 224       | R163       | 251       | R173       | 224       | R183       | 223       |
| R124       | 224       | R134       | 223       | R144       | 224       | R154       | 224       | R164       | 224       | R174       | 224       | R184       | 231       |
| R125       | 224       | R135       | 217       | R145       | 224       | R155       | 224       | R165       | 224       | R175       | 211       | R185       | 224       |
| R126       | 228       | R136       | 229       | R146       | 224       | R156       | 224       | R166       | 223       | R176       | 218       | R186       | 224       |
| R127       | 230       | R137       | 228       | R147       | 208       | R157       | 224       | R167       | 224       | R177       | 224       | R187       | 224       |
| R128       | 224       | R138       | 217       | R148       | 251       | R158       | 223       | R168       | 231       | R178       | 223       | R188       | 224       |
| R129       | 229       | R139       | 224       | R149       | 224       | R159       | 224       | R169       | 225       | R179       | 224       | R189       | 209       |
| R130       | 226       | R140       | 230       | R150       | 224       | R160       | 224       | R170       | 224       | R180       | 224       | R190       | 205       |

## 36.IO Board (G179)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R191       | 205       | R201       | 225       | R211       | 235       | R221       | 213       | R231       | 212       | R241       | 212       | R251       | 210       |
| ---        | ---       | ---        | ---       | R212       | 211       | R222       | 246       | R232       | 212       | R242       | 214       | R252       | 241       |
| R193       | 224       | R203       | 211       | R213       | 234       | R223       | 234       | R233       | 239       | R243       | 216       | R253       | 245       |
| ---        | ---       | R204       | 212       | R214       | 242       | R224       | 211       | R234       | 239       | R244       | 206       | R254       | 243       |
| R195       | 224       | R205       | 212       | R215       | 234       | R225       | 235       | R235       | 238       | ---        | ---       | R255       | 244       |
| R196       | 223       | R206       | 211       | R216       | 234       | R226       | 235       | R236       | 238       | R246       | 212       | R256       | 244       |
| ---        | ---       | ---        | ---       | R217       | 234       | R227       | 212       | R237       | 212       | ---        | ---       | R257       | 236       |
| R198       | 224       | R208       | 212       | R218       | 240       | R228       | 206       | R238       | 224       | R248       | 212       | R258       | 212       |
| R199       | 223       | R209       | 223       | R219       | 211       | R229       | 206       | ---        | ---       | R249       | 212       | R259       | 239       |
| ---        | ---       | ---        | ---       | R220       | 234       | R230       | 212       | R240       | 224       | ---        | ---       | R260       | 244       |

### RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|
| R261       | 212       | R271       | 242       | R281       | 223       |
| R262       | 237       | R272       | 233       | R282       | 223       |
| R263       | 212       | R273       | 240       | R283       | 224       |
| R264       | 212       | R274       | 212       | R284       | 224       |
| R265       | 206       | R275       | 211       | R285       | 215       |
| ---        | ---       | R276       | 211       | R286       | 224       |
| ---        | ---       | R277       | 212       | R287       | 224       |
| ---        | ---       | R278       | 224       | R288       | 203       |
| ---        | ---       | R279       | 224       | R289       | 232       |
| R270       | 212       | R280       | 224       | R290       | 223       |

### REG

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| REG1       | 163       |
| REG2       | 168       |

### RN

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|
| RN1        | 198       | RN11       | 199       | RN21       | 196       |
| RN2        | 200       | RN12       | 196       | RN22       | 198       |
| RN3        | 198       | RN13       | 201       | RN23       | 198       |
| RN4        | 198       | RN14       | 198       | RN24       | 198       |
| RN5        | 197       | RN15       | 198       | RN25       | 199       |
| RN6        | 197       | RN16       | 200       | RN26       | 199       |
| RN7        | 200       | RN17       | 198       | RN27       | 199       |
| RN8        | 199       | RN18       | 199       | RN28       | 196       |
| RN9        | 198       | RN19       | 199       | RN29       | 199       |
| RN10       | 196       | RN20       | 199       | RN30       | 198       |

## 36.IO Board (G179)

### RN

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN31       | 200       |
| RN32       | 198       |
| RN33       | 198       |
| RN34       | 198       |
| RN35       | 198       |
| ---        | ---       |
| RN37       | 198       |
| RN38       | 198       |
| RN39       | 197       |
| RN40       | 197       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN41       | 198       |
| ---        | ---       |
| ---        | ---       |
| RN44       | 198       |
| RN45       | 198       |
|            |           |
| RN46       | 200       |
| RN47       | 200       |
| RN48       | 197       |
| RN49       | 200       |
| RN50       | 200       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN51       | 200       |
| RN52       | 200       |
| RN53       | 197       |
| RN54       | 197       |
| RN55       | 198       |

### SW

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| SW1        | 130       |

### TH

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TH1        | 145       |

### TP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP1        | 101       |
| TP2        | 101       |
| TP3        | 101       |
| TP4        | 101       |
| TP5        | 101       |
|            |           |
| TP6        | 101       |
| TP7        | 101       |
| TP8        | 101       |
| TP9        | 101       |
| TP10       | 101       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP11       | 101       |
| TP12       | 101       |
| TP13       | 101       |
| TP14       | 101       |
| TP15       | 101       |
|            |           |
| TP16       | 101       |
| TP17       | 101       |
| TP18       | 101       |
| TP19       | 101       |
| TP20       | 101       |

### TP

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP21       | 101       |
| TP22       | 101       |
| TP23       | 101       |
| TP24       | 101       |
| TP25       | 101       |
|            |           |
| TP26       | 101       |
| TP27       | 101       |
| TP28       | 102       |
| TP29       | 101       |
| TP30       | 102       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP31       | 101       |
| TP32       | 101       |
| TP33       | 101       |
| TP34       | 102       |
| TP35       | 101       |
|            |           |
| TP36       | 101       |
| TP37       | 101       |
| TP38       | 101       |
| TP39       | 102       |
| TP40       | 101       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP41       | 101       |
| TP42       | 101       |
| TP43       | 101       |
| TP44       | 102       |
| TP45       | 101       |
|            |           |
| TP46       | 101       |
| TP47       | 101       |
| TP48       | 101       |
| TP49       | 101       |
| TP50       | 101       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP51       | 101       |
| ---        | ---       |
| TP53       | 101       |

### ZD

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ZD1        | 143       |
| ZD2        | 143       |
| ZD3        | 140       |
| ZD4        | 141       |
| ZD5        | 141       |
|            |           |
| ZD6        | 141       |
| ZD7        | 143       |



### 36.IO Board (G179)

| Index No. | Part No.  | Description  | Q'ty Per Assembly |
|-----------|-----------|--------------|-------------------|
| *         | G179 5155 | PCB:IO Board | 1                 |
| 1         | B238 5503 | IC:TRIO2     | 1                 |

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 101       | 1100 1475 | Test Pin                      |                   |
| 102       | 1101 0328 | Connector Pin Contact         |                   |
| 103       | 1102 4201 | Connector - 2P                |                   |
| 104       | 1102 4203 | CT Header - 4P                |                   |
| 105       | 1102 6298 | Connector - 5P                |                   |
| 106       | 1102 6300 | Connector - 7P                |                   |
| 107       | 1102 6397 | Box Header                    |                   |
| 108       | 1102 6594 | Connector - 10P               |                   |
| 109       | 1102 8466 | Connector:55447-0210          |                   |
| 110       | 1102 8467 | Connector - 55447-0370        |                   |
| 111       | 1102 8470 | Connector - 55447-0610        |                   |
| 112       | 1102 8471 | Connector - 55447-071         |                   |
| 113       | 1102 8474 | Connector - 5 P               |                   |
| 114       | 1102 8475 | Connector - 11P               |                   |
| 115       | 1102 8477 | Connector - 13P               |                   |
| 116       | 1102 8480 | Connector - 55447-1610        |                   |
| 117       | 1102 8481 | Connector - 55447-1760        |                   |
| 118       | 1102 8485 | Connector - 55451-2210        |                   |
| 119       | 1102 8488 | Connector - 5451-2810         |                   |
| 120       | 1102 8492 | Connector - 55451-3610        |                   |
| 121       | 1102 9108 | Connector - 353297-3          |                   |
| 122       | 1102 9109 | Connector - 353297-4          |                   |
| 123       | 1102 9114 | Connector - 353297-1          |                   |
| 124       | 1102 9117 | Connector - 353297-8          |                   |
| 125       | 1102 9120 | Connector - 2-292208-2        |                   |
| 126       | 1102 9121 | Connector:2-353308-4          |                   |
| 127       | 1103 3188 | Connector:FH12S-50S-0.5SH(89) |                   |
| 128       | 1109 0082 | Fuse:SMD1812P110TF            |                   |
| 129       | 1109 0087 | Fuse:SMD2920P075TF            |                   |
| 130       | 1204 2768 | Dip Switch                    |                   |
| 131       | 1400 0728 | Transistor - 2SD2170          |                   |
| 132       | 1400 0902 | Transistor - DTA113ZUA        |                   |
| 133       | 1400 1209 | Transistor:2SA1980UF          |                   |
| 134       | 1400 1212 | Transistor:2SA1980UF-Y        |                   |
| 135       | 1400 1214 | Transistor:2SC5343UF-G        |                   |

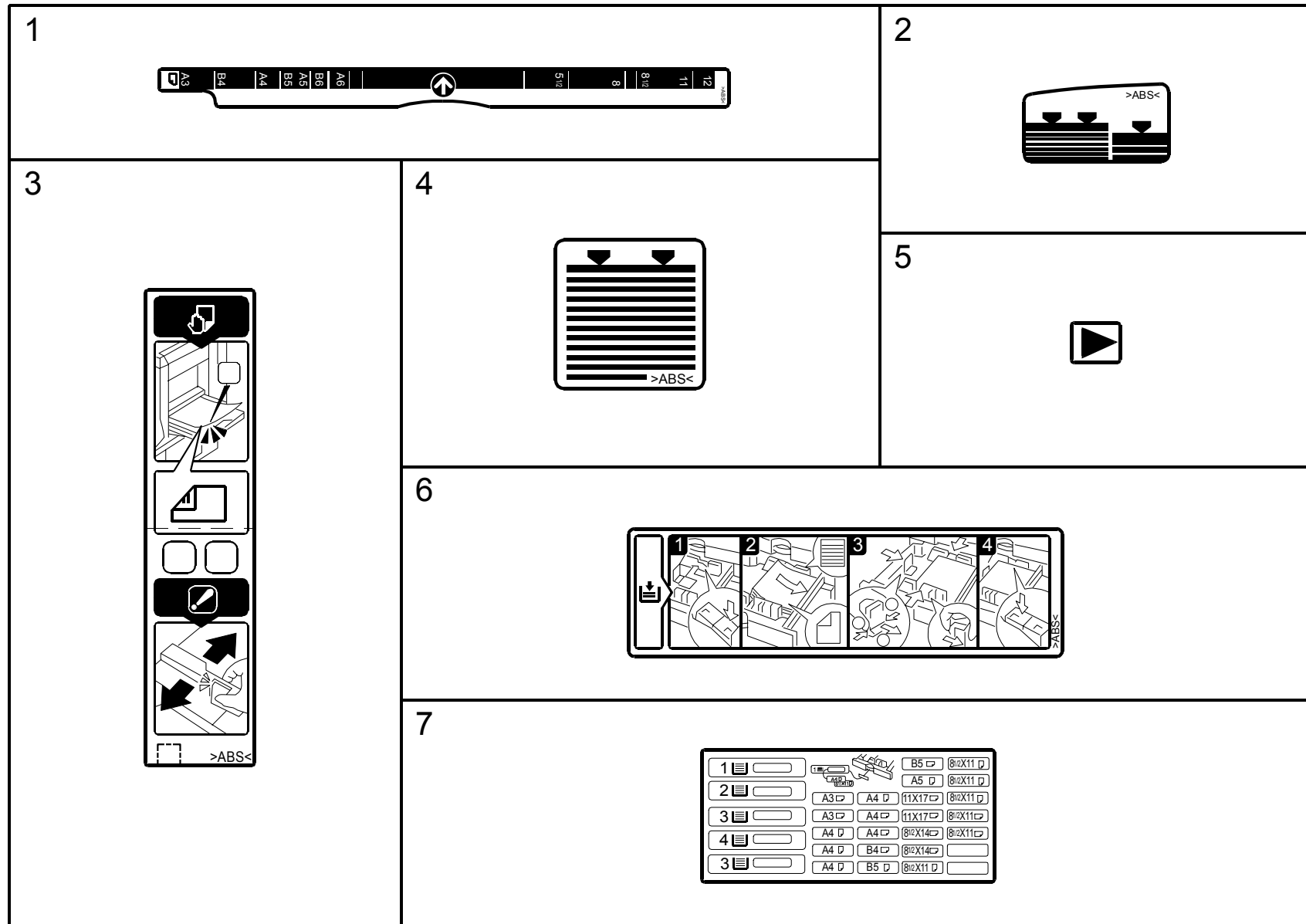
| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 136       | 1400 1240 | Transistor:SRC1202UF             |                   |
| 137       | 1400 1241 | Transistor:SRC1206UF             |                   |
| 138       | 1400 1246 | Transistor:SRC1205UF             |                   |
| 139       | 1401 0972 | Transistor-2SB1260               |                   |
| 140       | 1402 1662 | Diode:PTZ6.2B                    |                   |
| 141       | 1402 1663 | Diode - ZTP12B                   |                   |
| 142       | 1402 1932 | Diode:SDS142WMF                  |                   |
| 143       | 1402 1952 | Diode - TDZ12                    |                   |
| 144       | 1402 1996 | Diode:SDS511Q                    |                   |
| 145       | 1404 0360 | Thermistor - 103HT               |                   |
| 146       | 1407 1535 | IC - TD62308AP                   |                   |
| 147       | 1407 2187 | TTLIC - SN74LS07NS               |                   |
| 148       | 1407 2219 | IC - TD62003AP                   |                   |
| 149       | 1407 4840 | IC - TC7SH04FU                   |                   |
| 150       | 1407 5344 | IC - SN74LV02APW                 |                   |
| 151       | 1407 5347 | IC - SN74LV08APW                 |                   |
| 152       | 1407 5351 | IC - SN74LV14APW                 |                   |
| 153       | 1407 5392 | IC:SN74LV541APW                  |                   |
| 154       | 1407 5469 | IC - SN74LV07APW                 |                   |
| 155       | 1407 6196 | Motor Control IC:STK672-610      |                   |
| 156       | 1407 6197 | Driver:M54563P                   |                   |
| 157       | 1407 6314 | Motor Control IC:TB6561NG        |                   |
| 158       | 1407 6320 | Motor Control IC:MTD1501S-7101   |                   |
| 159       | 1407 6492 | Clock Generator - ICS180M-51LF   |                   |
| 160       | 1407 6759 | Custom IC:EIO                    |                   |
| 161       | 1407 6847 | Motor Control IC:STK672-600B-E   |                   |
| 162       | 1408 1204 | IC - TA8083P                     |                   |
| 163       | 1408 1383 | Regulator - TA7812F              |                   |
| 164       | 1408 1779 | IC - R3112Q281A                  |                   |
| 165       | 1408 1826 | IC - R3112Q421A                  |                   |
| 166       | 1408 2029 | Comparator:LM2901PW              |                   |
| 167       | 1408 2030 | Operational Amplifier - LM224D   |                   |
| 168       | 1408 2122 | Series Regulator - R1130H331A-FB |                   |
| 169       | 1408 2468 | IC:R1250V401A-F                  |                   |
| 170       | 1503 1004 | Oscillator - 19.6608MHz          |                   |

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 171       | 1604 5524 | Capacitor - 100μF±20% 50V             |                   |
| 172       | 1604 5669 | Capacitor:470μF:±20%:25V              |                   |
| 173       | 1604 5670 | Capacitor:10μF:±20%:25V               |                   |
| 174       | 1604 5714 | Capacitor:47μF:±20%:25V               |                   |
| 175       | 1604 5719 | Capacitor:100μF:±20%:50V              |                   |
| 176       | 1604 5720 | Capacitor:220μF:±20%:35V              |                   |
| 177       | 1605 1137 | Capacitor - 470pF ±10% 50V            |                   |
| 178       | 1605 1148 | Capacitor - 0.1μF+80-20% 50V          |                   |
| 179       | 1605 1206 | Capacitor - 47pF ±5% 50V              |                   |
| 180       | 1605 1212 | Capacitor - 470pF ±10% 50V            |                   |
| 181       | 1605 1214 | Capacitor - 1000pF ±10% 50V           |                   |
| 182       | 1605 1216 | Capacitor - 2200pF±10%50V             |                   |
| 183       | 1605 1234 | Capcitor:4700pF:±10%:50V              |                   |
| 184       | 1605 1281 | Capacitor - 0.22μF±10% 16V            |                   |
| 185       | 1605 1293 | Capacitor - 27pF±5%50V                |                   |
| 186       | 1605 1294 | Resistor - 1000pF ±5% 50V             |                   |
| 187       | 1605 1303 | Capacitor - 0.01μF+80-20% 50V         |                   |
| 188       | 1605 1353 | Capacitor - 0.1μF±10% 25V             |                   |
| 189       | 1605 1354 | Capacitor:1200pF:±5%:50V              |                   |
| 190       | 1605 1396 | Capacitor - 0.33μF±10% 50V            |                   |
| 191       | 1605 1447 | Resistor - 470pF ±5% 50V              |                   |
| 192       | 1605 1481 | Capacitor:1000pF:±20%:50V             |                   |
| 193       | 1605 1489 | Resistor - 2.2μF±10% 25V              |                   |
| 194       | 1605 1531 | Capacitor:470pF:±20%:50V              |                   |
| 195       | 1605 1605 | Capacitor - 4.7μF±10% 10V             |                   |
| 196       | 1609 0005 | Registor:33 Ω:±5%:1/16W               |                   |
| 197       | 1609 0006 | Registor:10K Ω:±5%:1/16W              |                   |
| 198       | 1609 0096 | Resistor Array:10KΩ:±5%:1/16W:4Number |                   |
| 199       | 1609 0098 | Resistor Array:33Ω:±5%:1/16W:4Number  |                   |
| 200       | 1609 0111 | Resistor Array:1KΩ:±5%:1/16W:4Number  |                   |
| 201       | 1609 0114 | Resistor Array:68Ω:±5%:1/16W:4Number  |                   |
| 202       | 1610 1409 | Chip Resistor - 6.8Ω ±5%              |                   |
| 203       | 1610 1947 | Resistor:220 Ω:±5%:1W                 |                   |
| 204       | 1610 1997 | Resistor:1.5 Ω:±1%:1W:6332            |                   |
| 205       | 1610 2049 | Resistor:1.8 Ω:±1%:1W:6332            |                   |

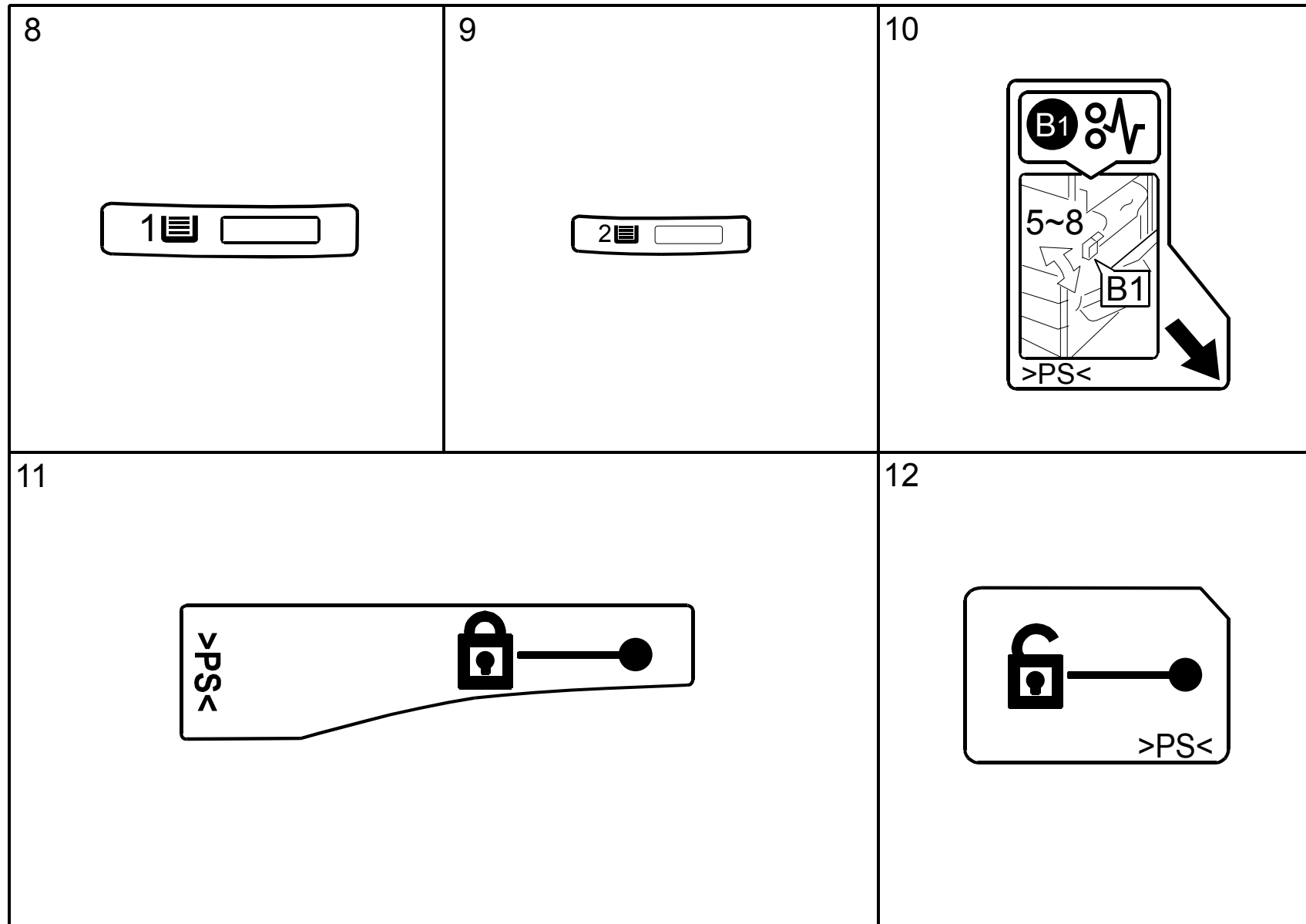
| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 206       | 1634 0000 | Resistor - 0 $\Omega$ 1/16W                  |                   |
| 207       | 1640 5100 | Capacitor - 10 $\mu$ F+20% 50                |                   |
| 208       | 1650 2101 | Resistor - 100 $\Omega$ $\pm$ 5% 1/4W        |                   |
| 209       | 1650 3153 | Resistor:15K $\Omega$ : $\pm$ 5%:1/8W        |                   |
| 210       | 1650 4101 | Resistor - 100 $\Omega$ $\pm$ 5%1/10W        |                   |
| 211       | 1650 4102 | Resistor - 1K $\Omega$ $\pm$ 5% 1/10W        |                   |
| 212       | 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       |                   |
| 213       | 1650 4104 | Resistor - 100K $\Omega$ $\pm$ 5%1/10W       |                   |
| 214       | 1650 4105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W        |                   |
| 215       | 1650 4201 | Resistor - 200 $\Omega$ $\pm$ 5%1/10W        |                   |
| 216       | 1650 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5%1/10W       |                   |
| 217       | 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W   |                   |
| 218       | 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W      |                   |
| 219       | 1650 4510 | Resistor - 51 $\Omega$ $\pm$ 5%1/10W         |                   |
| 220       | 1650 4560 | Chip Resistor - 56 $\Omega$ $\pm$ 5% 1/10W   |                   |
| 221       | 1650 4681 | Resistor - 680 $\Omega$ $\pm$ 5% 1/10W       |                   |
| 222       | 1650 5100 | Chip Resistor - 10 $\Omega$ $\pm$ 5%1/16W    |                   |
| 223       | 1650 5102 | Chip Resistor - 1K $\Omega$ $\pm$ 5%1/16W    |                   |
| 224       | 1650 5103 | Chip Resistor - 10K $\Omega$ $\pm$ 5%1/16W   |                   |
| 225       | 1650 5104 | Chip Resistor - 100K $\Omega$ $\pm$ 5%1/16W  |                   |
| 226       | 1650 5204 | Chip Resistor - 200K $\Omega$ $\pm$ 5%1/16W  |                   |
| 227       | 1650 5220 | Resistor - 22 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 228       | 1650 5222 | Resistor - 2.2K $\Omega$ $\pm$ 5% 1/16W      |                   |
| 229       | 1650 5330 | Chip Resistor - 33 $\Omega$ $\pm$ 5%1/16W    |                   |
| 230       | 1650 5472 | Chip Resistor:4.7K $\Omega$ : $\pm$ 5%:1/16W |                   |
| 231       | 1650 5473 | Chip Resistor - 47K $\Omega$ $\pm$ 5% 1/16W  |                   |
| 232       | 1650 5680 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W        |                   |
| 233       | 1654 1001 | Resistor - 1K $\Omega$ $\pm$ 1%1/10W         |                   |
| 234       | 1654 1003 | Resistor - 100K $\Omega$ $\pm$ 1%1/10W       |                   |
| 235       | 1654 1403 | Resistor:140K $\Omega$ : $\pm$ 1%:1/10W      |                   |
| 236       | 1654 1601 | Chip Resistor - 1.6K $\Omega$ $\pm$ 1% 1/10W |                   |
| 237       | 1654 2001 | Chip Resistor - 2K $\Omega$ $\pm$ 1% 1/10W   |                   |
| 238       | 1654 2002 | Resistor - 20K $\Omega$ $\pm$ 1%1/10W        |                   |
| 239       | 1654 2401 | Resistor - 2.4K $\Omega$ $\pm$ 1% 1/10W      |                   |
| 240       | 1654 3301 | Resistor - 3.3K $\Omega$ $\pm$ 1% 1/10W      |                   |

| Index No. | Part No.  | Description                                 | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------|-------------------|
| 241       | 1654 3601 | Resistor - 3.6K $\Omega$ $\pm$ 1% 1/10W     |                   |
| 242       | 1654 5601 | Resistor - 5.6K $\Omega$ $\pm$ 1% 1/10W     |                   |
| 243       | 1654 6201 | Resistor - 6.2K $\Omega$ $\pm$ 1% 1/10W     |                   |
| 244       | 1654 6801 | Resistor - 6.8K $\Omega$ $\pm$ 1% 1/10W     |                   |
| 245       | 1654 7501 | Resistor - 7.5K $\Omega$ $\pm$ 1%1/10W-1608 |                   |
| 246       | 1654 9100 | Resistor:910 $\Omega$ : $\pm$ 1%:1/10W:1608 |                   |
| 247       | 1655 1001 | Chip Resistor - 1K $\Omega$ $\pm$ 1% 1/16W  |                   |
| 248       | 1655 1002 | Chip Resistor - 10K $\Omega$ $\pm$ 1%1/16W  |                   |
| 249       | 1655 2002 | Chip Resistor - 20K $\Omega$ $\pm$ 1%1/16W  |                   |
| 250       | 1655 2402 | Resistor - 24K $\Omega$ $\pm$ 1% 1/16W      |                   |
| 251       | 1655 3902 | Resistor:39K $\Omega$ : $\pm$ 1%:1/16W:1005 |                   |
| 252       | 1655 4701 | Chip Resistor - 4.7K $\Omega$ $\pm$ 1%1/16W |                   |
| 253       | 1655 5621 | Resistor - 5.62K $\Omega$ $\pm$ 1% 1/16W    |                   |
| 254       | 1660 2120 | Capacitor - 12 pF $\pm$ 5% 50V              |                   |
| 255       | 1660 2150 | Capacitor - 15pF $\pm$ 5% 50V               |                   |
| 256       | 1660 2330 | Capacitor - 33pF - $\pm$ 5% - 50V           |                   |
| 257       | 1660 2470 | Capacitor - 47pF $\pm$ 5% 50V               |                   |
| 258       | 1660 2471 | Capacitor - 470pF - $\pm$ 5% - 50V          |                   |
| 259       | 1660 4102 | Capacitor - 1000pF $\pm$ 10% 50V            |                   |
| 260       | 1660 4103 | Capacitor - 10000pF - $\pm$ 10% - 50V       |                   |
| 261       | 1660 4222 | Capacitor - 2200pF - $\pm$ 10% - 50V        |                   |
| 262       | 1660 4472 | Capacitor - 4700pF $\pm$ 10% 50V            |                   |
| 263       | 1660 6103 | Capacitor - 10000pF - +80%-20%50V           |                   |
| 264       | 1660 8104 | Capacitor - 0.1 $\mu$ F+80-20% 25V          |                   |

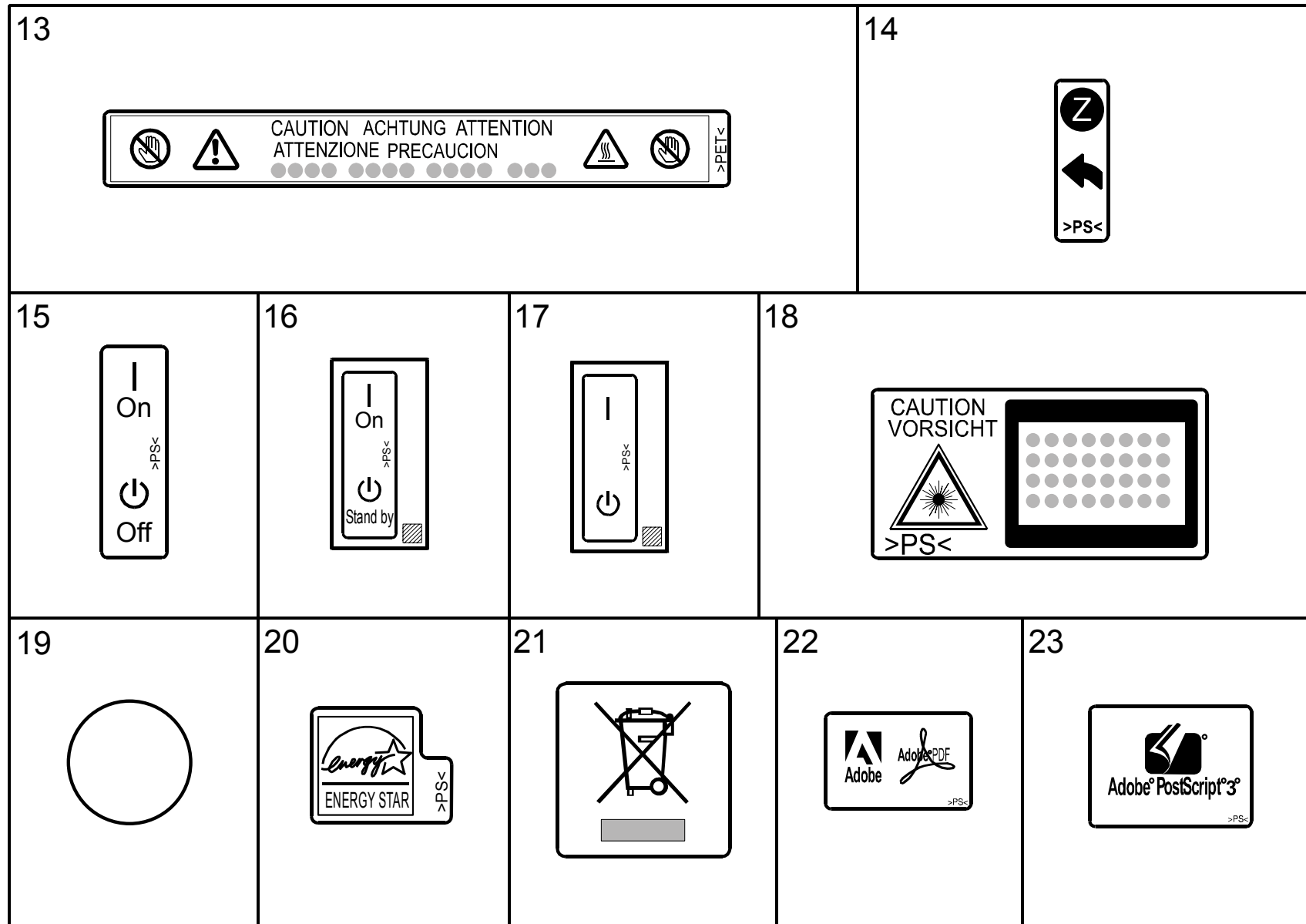
### 37.Decals and Documents (G179)



## 37.Decals and Documents (G179)



### 37.Decals and Documents (G179)

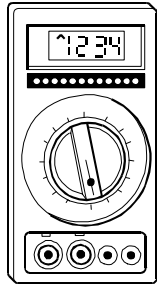
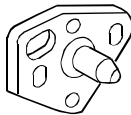
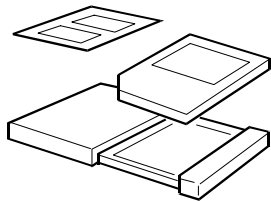
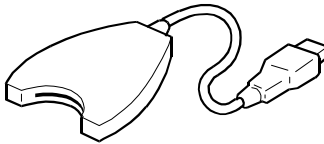
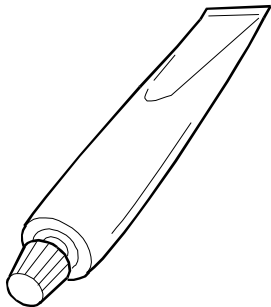
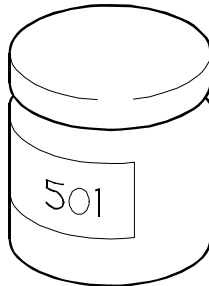




| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 1         | B223 2644 | Decal:Scale                               | 1                 |
| 2         | B223 2645 | Decal:Side Fence                          | 1                 |
| 3         | B223 2729 | Decal:Paper Set Direction:Manual Feed:EXP | 1                 |
| 4         | B223 2873 | Decal - Side Fence Rear                   | 1                 |
| 5         | B234 3177 | Decal:Positioning Display:Development     | 1                 |
| 6         | B238 2523 | Decal - Paper Set Direction No.2          | 1                 |
| 7         | B238 2524 | Decal - Paper Size                        | 1                 |
| 8         | B238 2526 | Decal - Grip                              | 1                 |
| 9         | B238 2527 | Decal - Grip                              | 1                 |
| 10        | D009 2627 | Decal - Misfeed Removal B1                | 1                 |
| 11        | D009 3268 | Decal - Lock Toner Bottle                 | 1                 |
| 12        | D009 3269 | Decal - Release Toner Bottle              | 1                 |
| 13        | D009 4242 | Decal:High Temperrature                   | 1                 |
| 14        | D009 4497 | Decal - Right Guide                       | 1                 |
| 15        | D011 1250 | Decal:Main Switch:On-Off                  | 1                 |
| 16        | D011 1252 | Decal:Main Switch:On-Standby              | 1                 |
| 17        | D011 1253 | Decal:Main Switch:On-Standby:EU           | 1                 |
| 18        | G029 1980 | Decal - LD                                | 1                 |
| 19        | G133 1285 | Decal:Cover:Left:Guide Plate              | 1                 |
| 20        | AA00 1477 | Decal:Energy-Star                         | 1                 |
| 21        | B121 7450 | Decal - WEEE                              | 1                 |
| 22        | GA00 3144 | Decal:PDFDIRECT                           | 1                 |
| 23        | GA00 3175 | Decal:PS3:Clear                           | 1                 |

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

### 38.Special Tools (G179)

|                                                                                     |                                                                                     |                                                                                      |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1                                                                                   | 2                                                                                   | 3                                                                                    | 4                                                                                   |
|    |    |   |  |
| 5                                                                                   | 6                                                                                   | 7                                                                                    |                                                                                     |
|  |  |  |                                                                                     |

### 38.Special Tools (G179)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | VSSM 9000 | Digital Multimater - FLUKE 187 | 1                 |
| 2         | A230 9003 | Adjustment Cam - Laser Unit    | 1                 |
| 3         | A230 9004 | Positioning Pin - Laser Unit   | 1                 |
| 4         | B645 5010 | SD Card                        | 1                 |
| 5         | B645 6820 | USB Read/Writer                | 1                 |
| 6         | A257 9300 | Grease Barrierta - S552R       | 1                 |
| 7         | 5203 9502 | Silicon Grease G-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. |
|-----------------------------|-----------|-----------------------------------------|-----------------------------------------------|-------------------|--------------------|
| PCDU 1 (G179)               | B296 9640 | Developer - Black                       | Developer - Black                             | 1                 | 63 - 5             |
| PCDU 1 (G179)               | D009 3083 | Development Filter                      | Development Filter                            | 1                 | 63 - 25            |
| PCDU 2 (G179)               | D009 2351 | Cleaning Blade                          | Cleaning Blade                                | 1                 | 65 - 24            |
| PCDU 2 (G179)               | AD04 1105 | Cleaning Blade:No.2:Ass'y               | Cleaning Blade:No.2:Ass'y                     | 1                 | 65 - 35            |
| PCDU 2 (G179)               | AD02 7012 | Roller:Charge:Apply                     | Roller:Charge:Apply                           | 1                 | 65 - 37            |
| PCDU 2 (G179)               | D009 9510 | OPC Drum                                | OPC Drum                                      | 1                 | 65 - 41            |
| PCDU 2 (G179)               | AD02 5021 | Pick-Off Pawl                           | Pick-Off Pawl                                 | 1                 | 65 - 44            |
| PCDU 2 (G179)               | G790 2329 | Brush Roller:Cleaner:<br>Charge:Amabuki | Brush Roller:Cleaner:Charge:<br>Amabuki:Ass'y | 1                 | 65 - 46            |
| Transfer Belt Unit 1 (G179) | A232 3880 | Transfer Belt                           | Transfer Belt                                 | 1                 | 67 - 15            |
| Transfer Belt Unit 1 (G179) | AD04 1135 | Cleaning Blade - Transfer Belt          | Cleaning Blade - Transfer Belt                | 1                 | 67 - 1             |
| Fusing Unit 2 (G179)        | D009 4177 | Thermistor                              | Thermistor                                    | 1                 | 73 - 25            |
| Fusing Unit 2 (G179)        | AE01 0099 | Hot Roller                              | Hot Roller                                    | 1                 | 73 - 40            |
| Fusing Unit 2 (G179)        | AE02 0199 | Pressure Roller                         | Pressure Roller                               | 1                 | 73 - 43            |
| Fusing Unit 3 (G179)        | B065 4247 | Brake Pad                               | Brake Pad                                     | 1                 | 75 - 4             |
| Fusing Unit 3 (G179)        | AE04 0099 | Holder Roller                           | Holder Roller                                 | 1                 | 75 - 9             |
| Fusing Unit 3 (G179)        | AE04 5099 | Cleaning Web                            | Cleaning Web                                  | 1                 | 75 - 18            |

## Parts Index

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| G179 1063 | Holder:Pin                        | 59 - 17            |
| G179 1064 | Cover:Holder:Pin                  | 59 - 16            |
| G179 1256 | Sheet:Misfeed Removal:P1          | 9 - 7              |
| G179 1264 | Cover:Front Right:P               | 11 - 4             |
| G179 1265 | Cap:Front Right:P                 | 11 - 3             |
| G179 1267 | Cover:Upper:Rear:P                | 11 - 23            |
| G179 1371 | Shielding Plate:Fan               | 65 - 21            |
| G179 1405 | Operation Sub-Unit:EXP:Ass'y      | 11 - 1             |
| G179 2200 | PCU                               | 27 - *             |
| G179 2211 | Frame:PCU:Upper:Ass'y             | 29 - 1             |
| G179 2247 | Cover:Lever:Lock:PCD:Alex-P1      | 11 - 5             |
| G179 2311 | Stopper:PCD                       | 29 - 50            |
| G179 2313 | Pin:Stopper:PCD                   | 29 - 51            |
| G179 2314 | Spring:Stopper:PCD                | 29 - 49            |
| G179 2316 | Arm:Stopper:PCD:Sub-Ass'y         | 29 - 48            |
| G179 3010 | Development Unit                  | 27 - 3             |
| G179 3071 | Stopper:Feeler:New Article Sensor | 27 - 28            |
| G179 3260 | Cleaner:Sensor                    | 29 - 2             |
| G179 3801 | Transfer Unit                     | 31 - *             |
| G179 4102 | Fusing Unit:NA:Service            | 35 - *             |
| G179 4103 | Fusing Unit:EU:Service            | 35 - *             |
| G179 5135 | PCB:BCU                           | 93 - *             |
| G179 5135 | PCB:BCU                           | 69 - 6             |
| G179 5155 | PCB:IO Board                      | 69 - 14            |
| G179 5155 | PCB:IO Board                      | 99 - *             |
| G179 5180 | PCB:Mother Board                  | 71 - 10            |
| G179 5480 | Harness:IOB:Upper                 | 69 - 9             |
| G179 5525 | Harness:IOB:PCD:Sensor            | 59 - 18            |
| G179 5610 | Harness:AC:Heater                 | 69 - 2             |
| G179 5706 | PCB:Controller                    | 85 - *             |
| G179 5706 | PCB:Controller                    | 71 - 8             |
| G179 5845 | Holder Plate:Control Board        | 71 - 15            |
| G179 5875 | Bracket:BCU                       | 69 - 8             |
| G179 5879 | Cover:Mother Board                | 71 - 11            |
| G179 5881 | Ground Plate:C/T Box              | 71 - 18            |

| Part No.  | Description          | Page and Index No. |
|-----------|----------------------|--------------------|
| G179 5890 | Cover:Fan            | 71 - 12            |
| G179 6192 | Sheet:Emblem:RIC     | 9 - 2              |
| G179 9590 | NVRAM - Zero Counter | 71 - 16            |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| A096 2065 | Slider Ring                        | 63 - 5             |
| A134 3180 | Bottle Chuck                       | 25 - 5             |
| A230 9003 | Adjustment Cam - Laser Unit        | 107 - 2            |
| A230 9004 | Positioning Pin - Laser Unit       | 107 - 3            |
| A232 1284 | Spring Holder                      | 63 - 13            |
| A232 1937 | Positioning Pin - Laser Unit Ass'y | 13 - 11            |
| A232 2315 | Front Bushing - Cleaning Bracket   | 29 - 22            |
| A232 2318 | Collar - Cleaning                  | 29 - 33            |
| A232 2339 | Spur                               | 29 - 45            |
| A232 2340 | Holder - Pick-off Pawl             | 29 - 43            |
| A232 2399 | Seal - Blade 13x9.5x3              | 29 - 10            |
| A232 2421 | Bushing - 6x10x3                   | 29 - 21            |
| A232 2987 | Roller - Paper Tray                | 15 - 16            |
| A232 3067 | Tape - TD Sensor                   | 27 - 13            |
| A232 3077 | Spacer - M5                        | 27 - 8             |
| A232 3155 | Front Cover - Development Unit     | 27 - 6             |
| A232 3240 | Cover- Toner Bottle Ass'y          | 25 - 4             |
| A232 3251 | Chuck Shaft                        | 25 - 7             |
| A232 3252 | Slider Ass'y                       | 25 - 6             |
| A232 3263 | Spring Plate - Toner Bottle        | 25 - 10            |
| A232 3264 | Stopper - Slide Rail               | 25 - 12            |
| A232 3266 | Seal - Slide Rail                  | 25 - 3             |
| A232 3553 | Ball Bearing - 8x16x5              | 29 - 40            |
| A232 3880 | Transfer Belt                      | 31 - 15            |
| A232 3885 | Driven Roller - Transfer Unit      | 31 - 1             |
| A232 3908 | Seal - Rear Case                   | 33 - 29            |
| A232 3909 | Seal - Front Case                  | 33 - 28            |
| A232 3926 | Transfer Belt Roller               | 31 - 9             |
| A232 4666 | Cushion - Stepper Motor            | 59 - 2             |
| A257 9300 | Grease Barrierta - S552R           | 107 - 6            |
| A259 6754 | Bushing - 6 6mm                    | 21 - 35            |
| A267 2857 | Spring Plate - Side Fence          | 15 - 28            |
| A267 2859 | Side Fence Stopper                 | 15 - 29            |
| A267 2860 | Rear Lever Stopper                 | 15 - 27            |
| B004 1325 | Cover - Shield Glass               | 11 - 10            |

| Part No.  | Description                           | Page and Index No. |
|-----------|---------------------------------------|--------------------|
| B004 1936 | Plate - Optical Housing Unit          | 57 - 32            |
| B004 2310 | Spur                                  | 63 - 12            |
| B004 2783 | Torque Limiter                        | 17 - 28            |
| B004 2923 | Spring Plate - Release Lever          | 15 - 20            |
| B004 7267 | Toner Bottle Holder                   | 63 - 3             |
| B024 1264 | Magnet Catch                          | 9 - 6              |
| B044 1825 | Collar                                | 45 - 22            |
| B044 1825 | Collar                                | 61 - 20            |
| B044 1847 | Shoulder Screw                        | 45 - 13            |
| B065 4221 | Feeler Spring                         | 39 - 11            |
| B065 4247 | Brake Pad                             | 39 - 4             |
| B077 3262 | Slide Rail:Toner Supply Unit          | 25 - 2             |
| B082 2333 | Terminale:Brush Roller                | 29 - 32            |
| B082 2781 | Bracket:Sensor                        | 17 - 6             |
| B082 3123 | Shield:Case:Development:Front Rear:C3 | 27 - 19            |
| B082 3867 | Shield:Remove Paper Dust              | 33 - 26            |
| B101 1097 | Rubber Foot:H5                        | 73 - 7             |
| B121 7450 | Decal - WEEE                          | 9 - 18             |
| B121 7450 | Decal - WEEE                          | 105 - 21           |
| B154 5861 | Guard:Fan                             | 71 - 14            |
| B154 5869 | Panel:Interface:SECC                  | 71 - 4             |
| B180 2782 | Seal:Tray                             | 15 - 31            |
| B180 2871 | Shaft:Separator:Driven:Ass'y          | 21 - 41            |
| B188 5350 | LSI:MB87M4290                         | 93 - 1             |
| B213 2312 | Bracket:Cleaning Blade                | 29 - 23            |
| B213 2316 | Stud:Contact Point:Cleaning           | 29 - 16            |
| B213 2362 | LED Array QL Ass'y                    | 63 - 17            |
| B213 3065 | Density Sensor:Development:C4         | 27 - 14            |
| B213 3889 | Roller:Bias                           | 31 - 2             |
| B213 4460 | Shaft:Pressure Roller                 | 53 - 21            |
| B223 1065 | Connector Bracket                     | 67 - 8             |
| B223 1101 | Grip:Front                            | 73 - 14            |
| B223 1102 | Bracket:Grip:Right Front              | 73 - 15            |
| B223 1120 | Bracket:Paper Feed Unit               | 73 - 12            |
| B223 1180 | Bracket:Paper Feed                    | 61 - 10            |

| Part No.  | Description                     | Page and Index No. |
|-----------|---------------------------------|--------------------|
| B223 1183 | Grip Shaft                      | 61 - 2             |
| B223 1186 | Drive Joint                     | 61 - 3             |
| B223 1187 | Magnetic Clutch Bracket         | 61 - 12            |
| B223 1188 | Stepper Motor DC24V             | 61 - 16            |
| B223 1189 | Feed Drive Shaft                | 61 - 1             |
| B223 1245 | Cap:Grip                        | 73 - 13            |
| B223 1253 | Emblem Cover                    | 9 - 1              |
| B223 1317 | Screw                           | 35 - 7             |
| B223 1332 | Fan Motor - Mm60 DC24V          | 65 - 5             |
| B223 1350 | Stepper Motor DC5.06V           | 59 - 1             |
| B223 1354 | Drum Stay:Drive Unit            | 61 - 4             |
| B223 2606 | Ground Plate:Rear               | 21 - 29            |
| B223 2607 | Ground Plate:Reverse            | 21 - 25            |
| B223 2608 | Gear:Z16                        | 21 - 37            |
| B223 2609 | Guide Plate:Separator           | 21 - 26            |
| B223 2620 | Housing:Manual Feed             | 21 - 50            |
| B223 2621 | Cover:Manual Feed Unit          | 21 - 4             |
| B223 2622 | Guide Plate:Exit                | 21 - 3             |
| B223 2623 | Cover:Guide Plate:Exit          | 21 - 1             |
| B223 2629 | Stay:Feed                       | 21 - 9             |
| B223 2632 | DC Solenoid:Pickup              | 21 - 14            |
| B223 2633 | Spring:Release:Pickup           | 21 - 15            |
| B223 2634 | Support Stay:Arm                | 21 - 19            |
| B223 2636 | Torsion Spring:27N              | 21 - 20            |
| B223 2637 | Bracket:Arm:Manual Feed:Rear    | 21 - 32            |
| B223 2644 | Decal:Scale                     | 105 - 1            |
| B223 2644 | Decal:Scale                     | 19 - 8             |
| B223 2645 | Decal:Side Fence                | 105 - 2            |
| B223 2645 | Decal:Side Fence                | 19 - 5             |
| B223 2648 | Guide Plate:Transport Unit:Exit | 49 - 13            |
| B223 2649 | Spring:Pressure:5N              | 49 - 15            |
| B223 2651 | Arm:Manual Feed:Front           | 21 - 22            |
| B223 2652 | Arm:Manual Feed:Rear            | 21 - 33            |
| B223 2657 | Arm:Manual Feed:Short:Front     | 21 - 24            |
| B223 2658 | Arm:Manual Feed:Short:Rear      | 21 - 34            |

| Part No.  | Description                               | Page and Index No. |
|-----------|-------------------------------------------|--------------------|
| B223 2659 | Harness:Manual Feed                       | 21 - 16            |
| B223 2661 | Cover:Manual Feed                         | 19 - 7             |
| B223 2663 | Extension Tray                            | 19 - 13            |
| B223 2664 | Cover:Manual Feed:Entrance                | 41 - 15            |
| B223 2665 | Spring:Cover:Manual Feed                  | 41 - 14            |
| B223 2666 | Gear:16Z                                  | 19 - 12            |
| B223 2668 | Spring Plate:Stopper                      | 19 - 4             |
| B223 2669 | Harness:Paper Size Sensor                 | 19 - 9             |
| B223 2673 | Side Fence:Rear                           | 19 - 2             |
| B223 2674 | Side Fence:Front                          | 19 - 1             |
| B223 2676 | Spring - 11N                              | 49 - 4             |
| B223 2681 | Arm:Tightener                             | 21 - 44            |
| B223 2683 | Gear:25Z                                  | 21 - 47            |
| B223 2685 | Stepper Motor:DC24V 26.4W                 | 61 - 22            |
| B223 2686 | Gear:Z31                                  | 21 - 46            |
| B223 2689 | Gear:Z28                                  | 21 - 48            |
| B223 2691 | Bracket:Stepper Motor                     | 61 - 21            |
| B223 2694 | Guide:Gear                                | 61 - 19            |
| B223 2696 | Drum Stay:Drive                           | 21 - 49            |
| B223 2700 | Manual Feed Table:EXP:Ass'y               | 19 - *             |
| B223 2702 | Heat Sink:Heater:NA                       | 73 - 17            |
| B223 2703 | Heat Sink:Heater:EU                       | 73 - 17            |
| B223 2710 | Supporter - Left No.2                     | 73 - 1             |
| B223 2713 | Rack:Manual Feed                          | 19 - 11            |
| B223 2714 | Positioning Cap - Short                   | 73 - 4             |
| B223 2715 | Supporter - Right                         | 73 - 3             |
| B223 2721 | Bracket:Push Switch                       | 59 - 10            |
| B223 2726 | Grip:Side Fence:Manual Feed               | 19 - 3             |
| B223 2729 | Decal:Paper Set Direction:Manual Feed:EXP | 19 - 6             |
| B223 2729 | Decal:Paper Set Direction:Manual Feed:EXP | 105 - 3            |
| B223 2761 | Pickup Arm                                | 17 - 22            |
| B223 2762 | Feed Shaft                                | 17 - 26            |
| B223 2764 | Gear-24Z                                  | 17 - 25            |
| B223 2765 | Ground Plate - Feed                       | 17 - 21            |
| B223 2767 | Paper End Feeler                          | 17 - 1             |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| B223 2772 | Harness Sheet                  | 17 - 12            |
| B223 2773 | Harness - Paper Feed Unit      | 17 - 3             |
| B223 2776 | Stay                           | 17 - 9             |
| B223 2778 | Sensor Bracket                 | 17 - 4             |
| B223 2780 | DC Solenoid 24V                | 17 - 8             |
| B223 2786 | Ground Plate - Front           | 17 - 13            |
| B223 2810 | Separate Driven Shaft          | 17 - 29            |
| B223 2815 | Separate Drive Shaft           | 17 - 34            |
| B223 2819 | Gear - 22Z                     | 17 - 35            |
| B223 2829 | Feed Guide                     | 17 - 17            |
| B223 2846 | Bracket:Cover:Harness          | 73 - 20            |
| B223 2848 | Cover:Harness                  | 73 - 21            |
| B223 2860 | Paper Tray Grip                | 15 - 8             |
| B223 2861 | Grip Holder                    | 15 - 13            |
| B223 2862 | Lever - Release Inner          | 15 - 10            |
| B223 2863 | Release Shaft                  | 15 - 12            |
| B223 2865 | Rise No.1 Shaft                | 15 - 24            |
| B223 2868 | Lever:Release:Paper Tray:Outer | 15 - 15            |
| B223 2873 | Decal - Side Fence Rear        | 15 - 30            |
| B223 2873 | Decal - Side Fence Rear        | 105 - 4            |
| B223 2901 | Paper Tray:No.2:Ass'y          | 15 - *             |
| B223 2910 | Link - Paper Size Sensor       | 15 - 1             |
| B223 2911 | Spacer                         | 15 - 2             |
| B223 2912 | End Fence                      | 15 - 17            |
| B223 2918 | Rise Lever                     | 15 - 25            |
| B223 2919 | Ground Plate - Paper Tray No.2 | 15 - 6             |
| B223 2920 | Front Side Fence               | 15 - 18            |
| B223 2923 | Stopper Lever - Front          | 15 - 19            |
| B223 2930 | Rear Side Fence                | 15 - 26            |
| B223 2934 | Plate - Side Fence             | 15 - 22            |
| B223 2935 | Plate - Side Fence Right       | 15 - 21            |
| B223 2936 | Gear - 16Z                     | 15 - 23            |
| B223 2940 | Tray Bottom Plate              | 15 - 4             |
| B223 2946 | Cover - Paper Tray No.2        | 15 - 7             |
| B223 4428 | Roller:Guide:PFA               | 53 - 14            |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| B223 4435 | Roller:Auxiliary:Driven:DIA16:PFA | 53 - 16            |
| B223 4479 | Tension Spring:Gate Pawl:1.6N     | 43 - 9             |
| B223 4486 | Exit Tray                         | 11 - 20            |
| B223 4487 | Exit End Fence                    | 11 - 21            |
| B223 4494 | Stopper- Uppergate Pawl           | 43 - 8             |
| B223 4497 | Shaft:Feeler:Overflow             | 51 - 18            |
| B223 4501 | Guide Plate:Right                 | 45 - 23            |
| B223 4502 | Guide Plate:Left Lower            | 47 - 12            |
| B223 4511 | Timing Belt:30S2M312              | 47 - 5             |
| B223 4512 | Timing Belt:30S2M182              | 47 - 3             |
| B223 4514 | Roller Clutch:T24                 | 47 - 11            |
| B223 4522 | Spacer:Wire:Stopper               | 49 - 28            |
| B223 4523 | Link:Stopper                      | 73 - 11            |
| B223 4524 | Wire:Stopper:DIA1.5               | 49 - 12            |
| B223 4524 | Wire:Stopper:DIA1.5               | 73 - 6             |
| B223 4525 | Tension Spring:Wire:180N          | 41 - 17            |
| B223 4526 | Timing Belt:30S2M268              | 45 - 15            |
| B223 4527 | Pulley:T26/T24                    | 47 - 8             |
| B223 4529 | Roller Clutch:T24                 | 47 - 6             |
| B223 4531 | Guide Plate:Cover                 | 41 - 12            |
| B223 4535 | Roller Clutch:T26                 | 47 - 9             |
| B223 4536 | Timing Belt:30S2M234              | 47 - 4             |
| B223 4538 | Compression Spring                | 41 - 10            |
| B223 4539 | Sheet:Cover:Duplex                | 41 - 16            |
| B223 4544 | Pulley:T35/T33                    | 47 - 7             |
| B223 4552 | Bushing:DIA4                      | 47 - 14            |
| B223 4552 | Bushing:DIA4                      | 45 - 8             |
| B223 4553 | Tension Spring:Driven Roller      | 47 - 13            |
| B223 4560 | Tension Spring:Driven Roller      | 45 - 7             |
| B223 4562 | Tightener                         | 45 - 12            |
| B223 4564 | Spring:Tightener                  | 45 - 14            |
| B223 4566 | Bracket:Sensor:Entrance           | 45 - 4             |
| B223 4571 | Gear:Pulley:Z24/T40               | 45 - 20            |
| B223 4572 | Stepper Motor:DC4.29V 1.7W        | 45 - 17            |
| B223 4573 | Timing Belt:30S2M128              | 45 - 21            |

| Part No.  | Description                           | Page and Index No. |
|-----------|---------------------------------------|--------------------|
| B223 4575 | Bracket:Stepper Motor                 | 45 - 19            |
| B223 4579 | Grip:Open and Close:Duplex Unit       | 41 - 3             |
| B223 4586 | Pulley:T30                            | 45 - 16            |
| B223 4594 | Shaft:Pulley:Wire                     | 49 - 20            |
| B223 4595 | Pulley:DIA13                          | 49 - 18            |
| B223 5848 | Bracket:Base:Connector                | 67 - 12            |
| B223 6172 | Retaining Rings-E                     | 33 - 5             |
| B234 3177 | Decal:Positioning Display:Development | 105 - 5            |
| B234 3177 | Decal:Positioning Display:Development | 33 - 30            |
| B234 3177 | Decal:Positioning Display:Development | 47 - 26            |
| B238 1066 | Rubber Foot Cover                     | 59 - 13            |
| B238 1088 | Cover - Connector                     | 67 - 7             |
| B238 1089 | Cover - Positioning Pin               | 59 - 6             |
| B238 1119 | Lever - Front Upper                   | 63 - 16            |
| B238 2523 | Decal - Paper Set Direction No.2      | 105 - 6            |
| B238 2523 | Decal - Paper Set Direction No.2      | 15 - 3             |
| B238 2524 | Decal - Paper Size                    | 9 - 17             |
| B238 2524 | Decal - Paper Size                    | 105 - 7            |
| B238 2526 | Decal - Grip                          | 15 - 9             |
| B238 2526 | Decal - Grip                          | 105 - 8            |
| B238 2527 | Decal - Grip                          | 15 - 9             |
| B238 2527 | Decal - Grip                          | 105 - 9            |
| B238 2541 | Tray Cover - Right                    | 59 - 7             |
| B238 2543 | Cover - Tray Left                     | 59 - 12            |
| B238 2655 | Gear - 16Z                            | 23 - 15            |
| B238 4166 | End Ring:Spring:DIA4                  | 37 - 5             |
| B238 4194 | Roller:Lever:Pressure                 | 37 - 7             |
| B238 5503 | IC:TRIO2                              | 99 - 1             |
| B242 1161 | Ball Bearing - 8x22x7                 | 57 - 7             |
| B296 9640 | Developer - Black                     | 27 - 5             |
| B408 1390 | Flat Screw:Groove Type                | 11 - 17            |
| B645 5010 | SD Card                               | 107 - 4            |
| B645 6820 | USB Read/Writer                       | 107 - 5            |
| B700 2649 | Timing Belt:40S2M144                  | 61 - 17            |
| D009 1088 | Grip Bracket - Right Rear             | 61 - 24            |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| D009 1089 | Bracket:Exit:Rear                 | 65 - 22            |
| D009 1090 | Connector Bracket - Fusing        | 55 - 8             |
| D009 1093 | Stopper Bracket - Grip            | 73 - 16            |
| D009 1111 | Drum Shaft                        | 57 - 23            |
| D009 1113 | Drive Unit- Transfer On-Off       | 57 - 10            |
| D009 1120 | Rear Drive Bracket - Engine       | 57 - 6             |
| D009 1121 | Ground Plate - Drum               | 57 - 8             |
| D009 1123 | Drive Bracket - Transfer          | 57 - 11            |
| D009 1125 | Tightener Bracket - Transfer      | 57 - 31            |
| D009 1127 | Roller - Tightener                | 57 - 28            |
| D009 1128 | Spring - Tightener                | 57 - 29            |
| D009 1131 | Joint - Development Roller        | 57 - 20            |
| D009 1135 | Tightener Bracket - Development   | 57 - 30            |
| D009 1139 | Front Drive Bracket - Engine      | 57 - 24            |
| D009 1141 | Ground Plate - Drum               | 57 - 18            |
| D009 1142 | Pulley - 48T/90T                  | 57 - 26            |
| D009 1145 | Drum Shaft Holder                 | 57 - 19            |
| D009 1147 | Terminal - Development Roller     | 57 - 21            |
| D009 1148 | Collar - 6x18.8mm                 | 57 - 13            |
| D009 1151 | Bracket - Registration Drive Unit | 59 - 3             |
| D009 1158 | Holder - Paddle Roller Drive      | 55 - 33            |
| D009 1161 | Bracket - Paddle Roller Drive     | 55 - 28            |
| D009 1164 | Shaft - Paddle Rooler Drive       | 55 - 34            |
| D009 1171 | Bracket - Fusing Drive Sub-Unit   | 55 - 12            |
| D009 1182 | Joint Cover                       | 55 - 1             |
| D009 1183 | Joint - Cleaning                  | 55 - 2             |
| D009 1187 | Bracket - Fusing Cleaning Drive   | 55 - 17            |
| D009 1193 | Sensor Bracket                    | 55 - 16            |
| D009 1194 | Motor Holder                      | 55 - 24            |
| D009 1195 | Notor Bracket                     | 55 - 25            |
| D009 1241 | Inner Cover:Upper:Left:DOM        | 11 - 15            |
| D009 1242 | Inner Cover - Left                | 9 - 16             |
| D009 1243 | Inner Cover - Right Upper         | 11 - 9             |
| D009 1244 | Inner Cover - Middle              | 11 - 11            |
| D009 1260 | Upper Cover                       | 11 - 19            |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| D009 1272 | Right Cover - Rear               | 9 - 11             |
| D009 1351 | Upper Fusing Duct                | 67 - 2             |
| D009 1352 | Lower Fusing Duct                | 67 - 3             |
| D009 1354 | Rear Exhaust Duct - Right        | 67 - 14            |
| D009 1355 | Rear Exhaust Duct - Left         | 67 - 11            |
| D009 1356 | Sponge:Duct:Exhaust              | 67 - 5             |
| D009 1366 | Middle Exhaust Duct - Upper      | 65 - 1             |
| D009 1367 | Middle Exhaust Duct - Lower      | 65 - 2             |
| D009 1368 | Front Upper Duct                 | 65 - 3             |
| D009 1369 | Front Lower Duct                 | 65 - 4             |
| D009 1370 | Guard:Fan:Paper Exit Unit        | 65 - 20            |
| D009 1860 | Imaging Unit                     | 13 - 1             |
| D009 1861 | Cover - Polygon Motor            | 13 - 2             |
| D009 1870 | Laser Diode Unit                 | 13 - 8             |
| D009 2201 | Seal:Drum:Front                  | 29 - 12            |
| D009 2202 | Seal:Drum:Rear                   | 29 - 14            |
| D009 2203 | Seal:Drum:Entrance               | 29 - 13            |
| D009 2204 | Seal:Blade:Upper:Case            | 29 - 15            |
| D009 2205 | Seal:Blade:Upper Rear:Small      | 29 - 11            |
| D009 2240 | Rear Flange - Lock               | 23 - 23            |
| D009 2241 | Front Flange - Lock              | 23 - 28            |
| D009 2242 | Spring Plate - Lock              | 23 - 29            |
| D009 2243 | Shaft - Lock                     | 23 - 25            |
| D009 2244 | Stopper - Lock                   | 23 - 27            |
| D009 2245 | Stopper Cover - Stopper          | 23 - 26            |
| D009 2248 | Guide Plate - Lock Lever         | 11 - 8             |
| D009 2249 | Spring Plate - Lock Lever        | 11 - 7             |
| D009 2254 | Base - Lock Lever                | 11 - 6             |
| D009 2279 | Seal:Toner Supply:Entrance:Upper | 29 - 7             |
| D009 2303 | Drum Hold Plate                  | 29 - 38            |
| D009 2317 | Electrode Plate - Charge         | 29 - 4             |
| D009 2318 | Spring Plate - Electrode         | 29 - 25            |
| D009 2331 | Front Arm - Pressure/Charge      | 29 - 19            |
| D009 2336 | Rear Arm - Pressure/Charge       | 29 - 30            |
| D009 2351 | Cleaning Blade                   | 29 - 24            |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| D009 2367 | Density Sensor                     | 63 - 10            |
| D009 2380 | Front Side Plate - Coupling        | 29 - 6             |
| D009 2389 | Raer Side Plate - Coupling         | 27 - 1             |
| D009 2390 | Idler Bracket                      | 29 - 3             |
| D009 2426 | Seal - 24.5x68.5                   | 29 - 34            |
| D009 2445 | Handle - PCU                       | 29 - 5             |
| D009 2480 | Screw - M3x10                      | 27 - 32            |
| D009 2510 | Guide Plate - Exit                 | 49 - 11            |
| D009 2527 | Cover - Electrical Components      | 67 - 13            |
| D009 2552 | Guide Sheet - Manual Feed          | 21 - 17            |
| D009 2554 | Guide Sheet - Vertical Transport   | 49 - 1             |
| D009 2555 | Transport Roller - Duplex Exit     | 21 - 18            |
| D009 2560 | Driven Roller                      | 49 - 14            |
| D009 2563 | Guide Plate - Vertical Transport   | 49 - 2             |
| D009 2571 | Holder - Vertical Transport        | 49 - 5             |
| D009 2572 | Transport Belt                     | 49 - 6             |
| D009 2573 | Pulley - Vertical Transport        | 49 - 8             |
| D009 2574 | Pulley - Idler                     | 49 - 7             |
| D009 2575 | Shaft - Idler                      | 49 - 10            |
| D009 2576 | Shaft - Vertical Transport         | 49 - 9             |
| D009 2600 | Registration Roller - Drive        | 23 - 14            |
| D009 2602 | Gear - 18Z                         | 23 - 16            |
| D009 2603 | Gear - 28Z                         | 23 - 9             |
| D009 2604 | Knob - Registration Roller         | 23 - 17            |
| D009 2606 | Registration Roller - Driven       | 23 - 13            |
| D009 2607 | Bushing - Driven Registration      | 23 - 7             |
| D009 2612 | Case Supporter - Remove Paper Dust | 23 - 11            |
| D009 2614 | Bracket - Registration Sensor      | 23 - 21            |
| D009 2616 | Paper Dust Case                    | 9 - 8              |
| D009 2617 | Upper Guide Plate - Registration   | 23 - 3             |
| D009 2618 | Cover - Paper Dust Removal         | 23 - 6             |
| D009 2622 | Front Positioning Guide            | 23 - 22            |
| D009 2623 | Raer Positioning Guide             | 23 - 18            |
| D009 2624 | Lower Guide Plate - Registration   | 23 - 12            |
| D009 2625 | Stay - Paper Dust Removal          | 23 - 5             |

| Part No.  | Description                          | Page and Index No. |
|-----------|--------------------------------------|--------------------|
| D009 2626 | Harness - Registration Sensor        | 23 - 19            |
| D009 2627 | Decal - Misfeed Removal B1           | 9 - 10             |
| D009 2627 | Decal - Misfeed Removal B1           | 105 - 10           |
| D009 2633 | Cap - Toner Supply                   | 29 - 9             |
| D009 2636 | Tension Spring                       | 23 - 8             |
| D009 2650 | Torsion Spring - Registration        | 23 - 4             |
| D009 2750 | Paper Feed Unit                      | 17 - *             |
| D009 2757 | Transport Roller:Drive:Ass'y         | 17 - 10            |
| D009 2836 | Guide Plate                          | 23 - 2             |
| D009 2841 | Guide Plate - No.2                   | 23 - 1             |
| D009 3053 | Upper Case Seal                      | 27 - 22            |
| D009 3065 | Upper Cover - Development Unit       | 27 - 23            |
| D009 3066 | Entrance Seal - Toner Supply         | 27 - 16            |
| D009 3068 | Front Bias Terminal                  | 27 - 11            |
| D009 3069 | Raer Bias Terminal                   | 27 - 12            |
| D009 3072 | Seal - Density Sensor Harness        | 27 - 21            |
| D009 3078 | Joint - Paddle                       | 27 - 15            |
| D009 3083 | Development Filter                   | 27 - 25            |
| D009 3102 | Upper Cap - Development Case         | 27 - 4             |
| D009 3150 | Entrance Seal Ass'y                  | 27 - 30            |
| D009 3162 | Ground Plate:Doctor Blade            | 27 - 26            |
| D009 3203 | Rear Seal - Upper Cover              | 27 - 33            |
| D009 3204 | Front Seal - Upper Cover             | 27 - 24            |
| D009 3205 | Seal:Side Plate:Front                | 27 - 17            |
| D009 3206 | Seal:Side Plate:Rear                 | 27 - 20            |
| D009 3209 | Toner Supply Unit                    | 25 - 1             |
| D009 3210 | Guide - Toner Supply                 | 63 - 4             |
| D009 3240 | Spacer:Arm:Shutter:Toner Supply Unit | 25 - 17            |
| D009 3265 | Shaft - Slide                        | 25 - 11            |
| D009 3267 | Seal:Toner Supply:Entrance:Front     | 29 - 8             |
| D009 3268 | Decal - Lock Toner Bottle            | 11 - 13            |
| D009 3268 | Decal - Lock Toner Bottle            | 105 - 11           |
| D009 3269 | Decal - Release Toner Bottle         | 11 - 12            |
| D009 3269 | Decal - Release Toner Bottle         | 105 - 12           |
| D009 3803 | Case - Transfer Unit                 | 33 - 16            |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| D009 3831 | Receptacle Housing - Transfer      | 57 - 33            |
| D009 3832 | Receptacle Terminal - Transfer     | 57 - 34            |
| D009 3856 | Guide:Standard:Transfer Unit:Rear  | 63 - 20            |
| D009 3857 | Guide:Standard:Transfer Unit:Front | 63 - 21            |
| D009 3858 | Entrance Guide Plate - Transfer    | 23 - 30            |
| D009 3860 | Spring Cover - Transfer Unit       | 47 - 16            |
| D009 3861 | Terminal Holder - Transfer Unit    | 47 - 19            |
| D009 3865 | Holder - Density Sensor            | 63 - 9             |
| D009 3866 | Guide - Separation/Transport       | 63 - 14            |
| D009 3872 | Harness - Used Toner Sensor        | 33 - 15            |
| D009 3874 | Sensor Harness                     | 47 - 20            |
| D009 3875 | Harness - Transfer Unit Bias       | 33 - 21            |
| D009 3876 | Earth Harness - Transfer Unit      | 33 - 19            |
| D009 3882 | Frame - Transfer Belt              | 31 - 16            |
| D009 3890 | Front Bushing - Bias Roller        | 31 - 8             |
| D009 3893 | Arm - Transfer Belt                | 31 - 17            |
| D009 3894 | Drive Roller - Transfer Belt       | 31 - 10            |
| D009 3898 | Lever:Set:Transfer Unit:P          | 33 - 12            |
| D009 3906 | Seal - Rear Transfer Exit          | 33 - 25            |
| D009 3907 | Seal - Transfer Belt Exit          | 33 - 22            |
| D009 3916 | Fron Lever - Transfer Belt         | 33 - 8             |
| D009 3917 | Rear Lever - Transfer Belt         | 33 - 10            |
| D009 3918 | Pelease Lever                      | 33 - 13            |
| D009 3919 | Release Lever Shaft                | 33 - 4             |
| D009 3920 | Fron Release Plate                 | 33 - 6             |
| D009 3921 | Rear Release Plate                 | 33 - 7             |
| D009 3935 | Earth Terminal - Transfer Belt     | 31 - 4             |
| D009 3936 | Bial Terminal - Transfer Belt      | 31 - 6             |
| D009 3937 | Terminal - Transfer Belt           | 31 - 5             |
| D009 3943 | Bracket:Cleaning Blade:Transfer    | 33 - 2             |
| D009 3948 | Scraper - Drive Roller             | 31 - 12            |
| D009 3952 | Raer Seal - Cleaning Blade         | 33 - 24            |
| D009 3953 | Front Seal - Cleaning Blade        | 33 - 23            |
| D009 3954 | Sheet:Preventfence:Transfer Belt   | 31 - 11            |
| D009 3992 | Receptacle Housing - Transfer Unit | 33 - 17            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| D009 4053 | Fusing Cover - Lower Middle    | 35 - 22            |
| D009 4055 | Fusing Cover - Lower Front     | 35 - 6             |
| D009 4057 | Fusing Cover - Lower Rear      | 35 - 9             |
| D009 4059 | Fusing Cover - Upper Front     | 35 - 5             |
| D009 4062 | Fusing Cover - Upper Rear      | 35 - 8             |
| D009 4066 | Fusing Cover - Duplex Guide    | 35 - 18            |
| D009 4069 | Entrance Guide Plate - Fusing  | 35 - 20            |
| D009 4097 | Harness - Set Sensor NA        | 37 - 27            |
| D009 4098 | Set Sensor Harness - 230V      | 37 - 27            |
| D009 4099 | Harness - Fusing Unit          | 37 - 26            |
| D009 4123 | Bracket:Side Plate:Auxiliary   | 37 - 35            |
| D009 4124 | Connector Bracket 1            | 37 - 33            |
| D009 4125 | Connector Bracket 2            | 37 - 28            |
| D009 4126 | Front Heater Bracket           | 37 - 1             |
| D009 4127 | Rear Heater Bracket            | 37 - 36            |
| D009 4131 | Terminal - AC/DC               | 37 - 30            |
| D009 4132 | Terminal Cover                 | 37 - 29            |
| D009 4135 | Terminal - AC                  | 37 - 14            |
| D009 4141 | Electrode Plate 1              | 37 - 32            |
| D009 4142 | Electrode Plate 2              | 37 - 31            |
| D009 4143 | Electrode Plate 3              | 37 - 13            |
| D009 4156 | Retaining Rings-C - Hot Roller | 37 - 2             |
| D009 4163 | Exit Guide - Hot Roller Unit   | 37 - 44            |
| D009 4165 | Fusing Unit Cover              | 37 - 18            |
| D009 4166 | Stay - Hot Roller Exit         | 37 - 15            |
| D009 4177 | Thermistor                     | 37 - 25            |
| D009 4178 | Thermistor Bracket             | 37 - 24            |
| D009 4193 | Housing - Thermostat           | 37 - 20            |
| D009 4195 | Spacer - Thermostat            | 37 - 22            |
| D009 4196 | Harness 1 - Thermostat         | 37 - 12            |
| D009 4197 | Harness 2 - Thermostat         | 37 - 19            |
| D009 4225 | Stay - Pressure Roller Unit    | 35 - 14            |
| D009 4238 | Bracket - Driven Roller        | 35 - 13            |
| D009 4242 | Decal:High Temperrature        | 105 - 13           |
| D009 4242 | Decal:High Temperrature        | 35 - 21            |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| D009 4243 | Exit Guide - Pressure Roller Unit | 35 - 2             |
| D009 4244 | Knob                              | 35 - 1             |
| D009 4248 | Knob Bracket                      | 35 - 3             |
| D009 4271 | Front Lever - Pressure Release    | 37 - 6             |
| D009 4274 | Pressure Lock Lever               | 37 - 9             |
| D009 4275 | Front Pressure Lever              | 37 - 11            |
| D009 4291 | Rear Lever - Pressure Release     | 37 - 37            |
| D009 4295 | Front Pressure Lever              | 37 - 38            |
| D009 4305 | Cleaning Web Ass'y                | 39 - *             |
| D009 4307 | Cleaning Unit Cover - Fusing      | 39 - 2             |
| D009 4350 | Front Lock Lever                  | 63 - 15            |
| D009 4351 | Rear Lock Lever                   | 63 - 8             |
| D009 4355 | Roller Clutch                     | 39 - 8             |
| D009 4356 | Washer:DIA3.5                     | 63 - 22            |
| D009 4369 | Bracket - Cleaning Unit Drive     | 39 - 3             |
| D009 4377 | Worm Gear Bracket                 | 39 - 14            |
| D009 4378 | Worm Gear Shaft                   | 39 - 12            |
| D009 4388 | Roller Clutch                     | 39 - 21            |
| D009 4393 | Feeler - Web                      | 39 - 10            |
| D009 4406 | Separation Plate - Paper Exit     | 53 - 11            |
| D009 4407 | Feeler - Overflow                 | 51 - 17            |
| D009 4408 | Bracket:Sensor:Fusing Exit        | 51 - 12            |
| D009 4409 | Sheet - Gate                      | 43 - 7             |
| D009 4412 | Lower Guide Plate - Exit          | 53 - 12            |
| D009 4413 | Lower Stay - Exit                 | 53 - 19            |
| D009 4418 | Stepped Tapping Screw - M3        | 53 - 35            |
| D009 4419 | Spring - Lower Guide Plate        | 53 - 17            |
| D009 4422 | Driven Roller Shaft               | 53 - 15            |
| D009 4428 | Upper Stay                        | 53 - 2             |
| D009 4431 | Rear Side Plate                   | 53 - 30            |
| D009 4434 | Front Side Plate                  | 53 - 10            |
| D009 4436 | Entrance Gate                     | 51 - 7             |
| D009 4438 | Lever - Entrance Gate             | 51 - 3             |
| D009 4439 | Bushing - 4mm                     | 51 - 4             |
| D009 4441 | Exit Guide Plate - Upper Right    | 51 - 10            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| D009 4442 | Exit Guide Plate - Upper       | 53 - 7             |
| D009 4443 | Discharge Brush - Exit         | 53 - 5             |
| D009 4444 | Exit Roller                    | 53 - 1             |
| D009 4445 | Transport Roller               | 51 - 9             |
| D009 4445 | Transport Roller               | 53 - 3             |
| D009 4447 | Exit Sensor Bracket            | 51 - 15            |
| D009 4448 | Tension Spring - Gate Pawl     | 51 - 25            |
| D009 4451 | DC Solenoid - Exit             | 51 - 1             |
| D009 4455 | Cushion - DC Solenoid          | 51 - 5             |
| D009 4457 | Tension Spring Release         | 51 - 2             |
| D009 4461 | Gear - 17Z                     | 51 - 20            |
| D009 4462 | Gear - 22Z                     | 53 - 33            |
| D009 4463 | Gear/Pulley - 22Z/22T          | 53 - 34            |
| D009 4464 | Gear - 22Z                     | 51 - 14            |
| D009 4465 | Timing Pulley - 22T            | 53 - 32            |
| D009 4466 | Timing Belt - 30S2M172         | 53 - 31            |
| D009 4467 | Stepper Motor - DC 5.79W       | 51 - 24            |
| D009 4469 | Gear - 17Z                     | 51 - 21            |
| D009 4471 | Stepper Motor Bracket          | 51 - 22            |
| D009 4476 | Spring - Entrance Pressure     | 53 - 23            |
| D009 4477 | Spring - Exit Pressure         | 53 - 20            |
| D009 4478 | Lower Supporting Plate         | 53 - 29            |
| D009 4481 | Grip - Upper Gate              | 43 - 2             |
| D009 4482 | Right Guide Plate - Open/Close | 43 - 11            |
| D009 4483 | Upper Gate                     | 43 - 1             |
| D009 4485 | Bushing - Gate                 | 43 - 4             |
| D009 4486 | Lever - Upper Gate             | 43 - 6             |
| D009 4487 | Compression Spring - Gate      | 43 - 5             |
| D009 4488 | Right Spring - Guide Plate     | 43 - 10            |
| D009 4489 | Driven Roller                  | 43 - 3             |
| D009 4490 | Exit Motor Cover               | 51 - 23            |
| D009 4491 | Entrance Arm                   | 53 - 22            |
| D009 4492 | Exit Arm                       | 53 - 25            |
| D009 4493 | Bracket - Contact Point        | 53 - 27            |
| D009 4496 | Spring Plate - Exit Roller     | 53 - 28            |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| D009 4497 | Decal - Right Guide              | 45 - 25            |
| D009 4497 | Decal - Right Guide              | 105 - 14           |
| D009 4498 | Bushing - Lower Guide Plate      | 53 - 18            |
| D009 4499 | Harness - Paper Exit Unit        | 51 - 16            |
| D009 4503 | Guide Plate - Left Upper         | 43 - 14            |
| D009 4504 | Upper Guide Plate - Gate         | 45 - 2             |
| D009 4521 | Harness Bracket                  | 45 - 24            |
| D009 4532 | Tension Spring - Stopper Hook    | 41 - 5             |
| D009 4533 | Rear Inner Cover - Duplex        | 41 - 2             |
| D009 4534 | Front Inner Cover - Duplex       | 41 - 1             |
| D009 4535 | Harness Guide                    | 49 - 16            |
| D009 4537 | Front Release Arm                | 41 - 6             |
| D009 4538 | Rear Release Arm                 | 41 - 7             |
| D009 4540 | Cover - Duplex Unit              | 41 - 13            |
| D009 4541 | Front Torsion Spring             | 47 - 21            |
| D009 4545 | Holder Shaft - Transfer Unit     | 47 - 23            |
| D009 4551 | Guide Plate - Holder             | 47 - 18            |
| D009 4575 | Gasket: Duplex Unit              | 73 - 19            |
| D009 4577 | Duplex Gate                      | 43 - 12            |
| D009 4579 | Tension Spring - Duplex Gate     | 43 - 13            |
| D009 4587 | Tension Spring - Release Bracket | 49 - 27            |
| D009 4588 | Stopper Bracket - Spring         | 49 - 24            |
| D009 4589 | Guide - Set Shaft                | 49 - 23            |
| D009 4590 | Stopper Hook - Duplex Unit       | 41 - 4             |
| D009 4593 | Stepped Screw - M3               | 49 - 26            |
| D009 4594 | Front Guide - Duplex Unit Set    | 73 - 9             |
| D009 4595 | Rear Guide - Duplex Unit Set     | 73 - 8             |
| D009 4597 | Bracket - Wire Pulley Shaft      | 49 - 19            |
| D009 4598 | Spring - Set Shaft               | 49 - 22            |
| D009 4599 | Shaft - Duplex Unit              | 49 - 21            |
| D009 4651 | Harness - Duplex Unit            | 49 - 17            |
| D009 4652 | Motor Harness                    | 45 - 26            |
| D009 4661 | Reverse Roller - Feed            | 45 - 10            |
| D009 4662 | Transport Roller 1               | 47 - 1             |
| D009 4663 | Transport Roller 2               | 47 - 2             |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| D009 4664 | Driven Roller                  | 35 - 12            |
| D009 4664 | Driven Roller                  | 41 - 8             |
| D009 4664 | Driven Roller                  | 47 - 15            |
| D009 4664 | Driven Roller                  | 45 - 6             |
| D009 5320 | Sync Detector Board            | 13 - 7             |
| D009 5420 | Harness - High Voltage Cable   | 57 - 1             |
| D009 5425 | Harness - Safety Switch        | 69 - 20            |
| D009 5430 | Harness- PSU-IOB Right         | 69 - 18            |
| D009 5440 | Harness - Development Drawer   | 59 - 14            |
| D009 5461 | DC Harness- BICU-IOB           | 69 - 7             |
| D009 5470 | Harness - BICU-LDB             | 69 - 4             |
| D009 5475 | Interface Harness - BICU-LDB   | 73 - 2             |
| D009 5481 | Interface Harness - IOB-Switch | 63 - 6             |
| D009 5486 | DC Harness-IOB Lower           | 69 - 11            |
| D009 5490 | Harness - IOB Lower Behind     | 69 - 13            |
| D009 5495 | Harness - IOB-Lift Motor       | 69 - 10            |
| D009 5500 | Interface Harness - Web Sensor | 55 - 15            |
| D009 5505 | Harness - Toner Supply Motor   | 63 - 1             |
| D009 5510 | Harness - Quenching Lamp       | 63 - 18            |
| D009 5520 | Harness - IOB-Motor            | 69 - 12            |
| D009 5570 | Harness - Imaging Unit         | 13 - 6             |
| D009 5571 | Harness:Laser Diode Control    | 13 - 9             |
| D009 5600 | Harnes - AC Inlet              | 69 - 16            |
| D009 5605 | AC Harness - Switch            | 69 - 3             |
| D009 5611 | Harness:AC:Heater              | 25 - 15            |
| D009 5615 | AC Harness - Heater            | 59 - 9             |
| D009 5615 | AC Harness - Heater            | 67 - 9             |
| D009 5620 | AC Harness - Fusing            | 55 - 9             |
| D009 5840 | Base - Left Safety Switch      | 65 - 18            |
| D009 5842 | Grounding Plate -BICU          | 69 - 21            |
| D009 5851 | Bracket - IO Board             | 69 - 15            |
| D009 5852 | Connector Bracket              | 67 - 4             |
| D009 5853 | Bracket - Main Switch          | 69 - 1             |
| D009 5854 | Bracket - Power Pack           | 57 - 3             |
| D009 5855 | Bracket - Inlet                | 69 - 17            |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| D009 5856 | Bracket - Heater Connector        | 67 - 10            |
| D009 5857 | Shaft - Safety Switch             | 65 - 12            |
| D009 5858 | Left/Right Lever - Safety Switch  | 65 - 15            |
| D009 5863 | Left Lever - Safety Switch        | 65 - 16            |
| D009 5864 | Middle Lever - Safety Switch      | 65 - 13            |
| D009 5865 | Cam - Safety Switch               | 65 - 14            |
| D009 5866 | Base - Right Safety Switch        | 65 - 7             |
| D009 5867 | Guide Plate - Safety Switch       | 65 - 9             |
| D009 5868 | Right Lever - Safety Switch       | 65 - 11            |
| D009 5869 | Right Lower Lever - Safety Switch | 65 - 8             |
| D009 5871 | Connector Cap - USB-A             | 71 - 17            |
| D009 5874 | Grip - C/T Box                    | 71 - 3             |
| D009 5876 | Small Bracket - BICU              | 67 - 6             |
| D009 5877 | Guide - Mother Board              | 69 - 5             |
| D009 5879 | Bracket - Mother Board            | 71 - 9             |
| D009 5880 | Bracket - Control Board           | 71 - 5             |
| D009 5884 | Cover - SD-Card                   | 71 - 2             |
| D009 5892 | Heater Stopper                    | 25 - 13            |
| D009 5895 | Tension Spring:Safety Switch:Left | 65 - 17            |
| D009 5896 | Spring - Right Safety Switch      | 65 - 10            |
| D009 5898 | Harness Guide - Safety Switch     | 65 - 6             |
| D009 8493 | Heater:Paper Feed:Option:EU:Ass'y | 73 - 22            |
| D009 8495 | Heater:Paper Feed:Option:NA:Ass'y | 73 - 22            |
| D009 9510 | OPC Drum                          | 29 - 41            |
| D011 1250 | Decal:Main Switch:On-Off          | 105 - 15           |
| D011 1250 | Decal:Main Switch:On-Off          | 9 - 5              |
| D011 1252 | Decal:Main Switch:On-Standby      | 25 - 14            |
| D011 1252 | Decal:Main Switch:On-Standby      | 73 - 18            |
| D011 1252 | Decal:Main Switch:On-Standby      | 105 - 16           |
| D011 1253 | Decal:Main Switch:On-Standby:EU   | 105 - 17           |
| D011 1253 | Decal:Main Switch:On-Standby:EU   | 73 - 18            |
| D011 1253 | Decal:Main Switch:On-Standby:EU   | 25 - 14            |
| D011 5841 | Heater:PCD:NA:Sub-Ass'y           | 25 - 16            |
| D011 5842 | Heater:PCD:EU:Sub-Ass'y           | 25 - 16            |
| D012 1241 | Inner Cover - Upper Left          | 11 - 15            |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| D012 1251 | Front Cover                        | 9 - 3              |
| D012 1271 | Right Cover - Front                | 9 - 9              |
| D012 1281 | Left Cover                         | 9 - 14             |
| D012 1291 | Rear Cover                         | 9 - 13             |
| D012 1293 | Cap - Rear Cover EU                | 9 - 12             |
| D013 1271 | Cover:Right:Front:NA               | 9 - 9              |
| D013 1281 | Cover:Left:NA                      | 9 - 14             |
| D029 2662 | Manual Feed Table                  | 19 - 14            |
| G020 1332 | Hinge - Front Cover                | 9 - 4              |
| G020 5626 | Push Switch                        | 59 - 19            |
| G024 1314 | Pulley Pin                         | 31 - 13            |
| G029 1980 | Decal - LD                         | 105 - 18           |
| G029 1980 | Decal - LD                         | 13 - 3             |
| G034 2993 | Flanged Hexagonal Head Bolt - M3x6 | 11 - 2             |
| G060 2652 | Bushing - M4                       | 49 - 3             |
| G060 2932 | Pick-up Arm - Manual Feed          | 21 - 13            |
| G065 2308 | Electrode Plate:Charge:Rear        | 29 - 31            |
| G065 2354 | Electrode Plate:Charge:Front       | 29 - 17            |
| G065 2681 | Snap Ring - M6                     | 27 - 2             |
| G065 2681 | Snap Ring - M6                     | 29 - 18            |
| G065 2767 | Lever - Feed                       | 17 - 24            |
| G065 2774 | Pressure Lever                     | 17 - 32            |
| G065 2775 | Link Lever                         | 17 - 38            |
| G065 2776 | Release Lever                      | 17 - 37            |
| G065 3070 | Feeler:New Article Sensor          | 27 - 29            |
| G080 2682 | Bushing:Feed                       | 21 - 28            |
| G080 2900 | Torque Limiter                     | 21 - 40            |
| G102 3837 | Stopper:Blade                      | 33 - 11            |
| G104 5141 | Knob Screw:M3                      | 71 - 1             |
| G108 5107 | Left Guide 1                       | 71 - 7             |
| G108 5108 | Right Guide 1                      | 71 - 6             |
| G133 1261 | Cover:Inner Back:P                 | 11 - 18            |
| G133 1263 | Cover:Inner Back:Middle:P          | 11 - 16            |
| G133 1266 | Cover:Paper Exit Unit:Upper        | 11 - 22            |
| G133 1268 | Cover:Upper:Right                  | 11 - 24            |

| Part No.  | Description                               | Page and Index No. |
|-----------|-------------------------------------------|--------------------|
| G133 1269 | Cap:DIA17                                 | 11 - 25            |
| G133 1285 | Decal:Cover:Left:Guide Plate              | 105 - 19           |
| G133 1285 | Decal:Cover:Left:Guide Plate              | 9 - 15             |
| G790 2329 | Brush Roller:Cleaner:Charge:Amabuki:Ass'y | 29 - 46            |
| H053 2208 | Bushing - M4                              | 51 - 8             |
| H053 2208 | Bushing - M4                              | 53 - 4             |

| Part No.  | Description                         | Page and Index No. |
|-----------|-------------------------------------|--------------------|
| AA00 1477 | Decal:Energy-Star                   | 105 - 20           |
| AA00 1477 | Decal:Energy-Star                   | 9 - 19             |
| AA04 3585 | Timing Belt:40S3M162                | 61 - 7             |
| AA04 3601 | Timing Belt - B40S2M118             | 59 - 5             |
| AA04 3656 | Timing Belt - 60S3M177              | 55 - 31            |
| AA04 3658 | Timing Belt - 60S2M300              | 57 - 27            |
| AA06 0691 | Tension Spring                      | 17 - 23            |
| AA06 0693 | Tension Spring                      | 17 - 31            |
| AA06 0872 | Spring                              | 21 - 43            |
| AA06 0948 | Tension Spring:Stripper Pawls:50mN  | 37 - 16            |
| AA06 1003 | Tension Spring:Side Fence:Rear      | 15 - 14            |
| AA06 1014 | Tension Spring:Grip                 | 15 - 11            |
| AA06 1020 | Spring:Release:Transfer Belt        | 31 - 7             |
| AA06 1022 | Spring - Driven Roller              | 35 - 10            |
| AA06 1023 | Compression Spring - Knob           | 35 - 4             |
| AA06 1024 | Tension Spring - Pressure           | 37 - 10            |
| AA06 1099 | Compression Spring:Cleaning Roller  | 35 - 15            |
| AA06 1100 | Spring:Pressure:Cleaning Blade      | 33 - 3             |
| AA06 2258 | Spring:Pressure:Cleaning Blade:No.2 | 29 - 47            |
| AA06 2259 | Spring - Release                    | 17 - 39            |
| AA06 2299 | Pressure Spring                     | 29 - 26            |
| AA06 2300 | Tension Spring                      | 29 - 27            |
| AA06 2310 | Pressure Spring                     | 29 - 42            |
| AA06 3303 | Pressure Spring                     | 47 - 24            |
| AA06 3432 | Spring - Intermediate Drawer        | 57 - 22            |
| AA06 3445 | Spring- Laser Diode Unit            | 13 - 10            |
| AA06 3447 | Spring - Transfer Belt              | 33 - 9             |
| AA06 3448 | Pressure Spring - Transfer Unit     | 47 - 17            |
| AA06 3499 | Pressure Spring                     | 21 - 42            |
| AA06 3566 | Pressure Spring                     | 25 - 8             |
| AA06 3568 | Pressure Spring                     | 21 - 12            |
| AA06 3648 | Pressure Spring                     | 29 - 20            |
| AA06 3886 | Spring                              | 39 - 7             |
| AA06 6380 | Spring                              | 33 - 18            |
| AA06 6381 | Spring                              | 33 - 20            |

| Part No.  | Description                 | Page and Index No. |
|-----------|-----------------------------|--------------------|
| AA08 0254 | Bushing - M4                | 41 - 9             |
| AA08 0254 | Bushing - M4                | 47 - 25            |
| AA08 0281 | Bushing - 12x18x5.5         | 27 - 27            |
| AA08 0346 | Bushing:Flange Type:DIA6    | 61 - 13            |
| AA08 0347 | Bushing - 8mm               | 55 - 29            |
| AA08 0351 | Bushing - Cleaning Roller   | 35 - 16            |
| AA08 0352 | Bushing - Driven Roller     | 35 - 11            |
| AA08 0353 | Bushing - 4mm               | 39 - 23            |
| AA08 0354 | Bushing - 6mm               | 39 - 19            |
| AA08 0355 | Bushing - 7mm               | 39 - 13            |
| AA08 0356 | Bushing - 6mm               | 39 - 17            |
| AA08 2054 | Bushing - M4                | 31 - 3             |
| AA08 2074 | Bushing - M8                | 23 - 10            |
| AA08 2078 | Bushing - 8mm               | 23 - 24            |
| AA08 2101 | Bushing - 6x10x6            | 21 - 7             |
| AA08 2101 | Bushing - 6x10x6            | 45 - 3             |
| AA08 2101 | Bushing - 6x10x6            | 53 - 6             |
| AA08 2101 | Bushing - 6x10x6            | 17 - 20            |
| AA08 2102 | Bushing - 6x10x6            | 21 - 23            |
| AA08 2104 | Bushing - 8x12x7            | 47 - 10            |
| AA08 2104 | Bushing - 8x12x7            | 21 - 51            |
| AA08 2143 | Bushing - 6x10x6            | 17 - 11            |
| AA08 3014 | One-way Clutch              | 21 - 30            |
| AA10 0014 | Retaining Ring C - Separate | 47 - 22            |
| AA10 0014 | Retaining Ring C - Separate | 17 - 16            |
| AA10 0014 | Retaining Ring C - Separate | 21 - 5             |
| AA10 1021 | Rubber Bushing - 6 45HS     | 45 - 18            |
| AA10 1021 | Rubber Bushing - 6 45HS     | 61 - 23            |
| AA13 2208 | Spacer - M6                 | 55 - 3             |
| AA14 0777 | Shaft:Feed                  | 21 - 8             |
| AA14 0778 | Shaft:Separator:Drive       | 21 - 38            |
| AA14 3183 | Stepped Screw               | 49 - 25            |
| AA14 3404 | Stepped Screw - M4          | 73 - 10            |
| AA14 3520 | Shoulder Screw - M3         | 35 - 19            |
| AA14 3520 | Shoulder Screw - M3         | 37 - 45            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| AA14 3549 | Screw:DIA10:M3x18              | 29 - 39            |
| AA14 3579 | Screw - M3                     | 59 - 15            |
| AA14 3579 | Screw - M3                     | 63 - 11            |
| AA14 3744 | Stepped Screw                  | 55 - 10            |
| AA14 3792 | Screw:Drawer                   | 37 - 8             |
| AA14 3807 | Screw:A                        | 45 - 1             |
| AA14 3812 | Screw - Scale                  | 39 - 1             |
| AA14 5294 | Parallel Pin - 2x12mm          | 57 - 17            |
| AA15 0423 | Seal - Cleaning Pressure       | 33 - 27            |
| AA15 3083 | Seal - Toner Supply Unit Cover | 25 - 9             |
| AA15 3095 | Shield - Development - Center  | 27 - 18            |
| AA16 1163 | Cushion                        | 73 - 5             |
| AA16 1164 | Cushion:Stepper Motor          | 61 - 15            |
| AB01 0140 | Gear - 90Z                     | 57 - 25            |
| AB01 0141 | Gear - 46Z                     | 57 - 15            |
| AB01 0156 | Gear:Separate:Drive            | 17 - 33            |
| AB01 0157 | Gear:Separate:Driven           | 17 - 30            |
| AB01 0171 | Gear - 40Z                     | 37 - 39            |
| AB01 0172 | Gear - 24Z/25Z                 | 37 - 34            |
| AB01 0173 | Gear - 60Z                     | 39 - 20            |
| AB01 0174 | Gear - 20Z/50Z                 | 39 - 5             |
| AB01 0175 | Gear - 24Z                     | 39 - 6             |
| AB01 0176 | Gear - 24Z                     | 39 - 22            |
| AB01 0177 | Gear - 32Z                     | 39 - 16            |
| AB01 0178 | Worm Gear                      | 39 - 15            |
| AB01 0369 | Gear - 330Z                    | 57 - 9             |
| AB01 1218 | Gear - Roller Clutch           | 17 - 19            |
| AB01 1223 | Idler Gear - 25Z               | 21 - 45            |
| AB01 1252 | Gear - 20Z                     | 17 - 15            |
| AB01 1258 | Gear - 38Z                     | 61 - 6             |
| AB01 1259 | Gear - 32Z                     | 61 - 9             |
| AB01 1282 | Gear - 31Z                     | 31 - 14            |
| AB01 1379 | Gear - 19Z                     | 29 - 29            |
| AB01 1380 | Cam - Cleaning Blade           | 29 - 28            |
| AB01 1387 | Gear - 23Z                     | 21 - 10            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| AB01 1416 | Gear - 20Z                     | 21 - 36            |
| AB01 1523 | Gear - 24Z                     | 55 - 18            |
| AB01 1524 | Gear - 36Z                     | 55 - 19            |
| AB01 1525 | Gear - 32Z                     | 55 - 21            |
| AB01 1526 | Gear - 24Z                     | 55 - 20            |
| AB01 1527 | Gear - 14Z/32Z                 | 55 - 22            |
| AB01 1528 | Gear - 14Z/32Z                 | 55 - 23            |
| AB01 4060 | Gear - 21Z                     | 27 - 9             |
| AB01 4061 | Gear - 13Z                     | 27 - 7             |
| AB01 4062 | Gear - 17Z/25Z                 | 27 - 10            |
| AB01 4161 | Reverse Roller Gear            | 45 - 11            |
| AB01 4280 | Gear - 26Z/90Z                 | 55 - 6             |
| AB01 4281 | Gear - 40Z                     | 55 - 7             |
| AB01 4282 | Gear - 26Z/30Z                 | 55 - 11            |
| AB01 4283 | Gear - 24Z                     | 55 - 5             |
| AB01 4284 | Gear - 24Z                     | 55 - 4             |
| AB01 7493 | Gear Pulley                    | 61 - 18            |
| AB01 7699 | Gear - 33Z/44Z                 | 61 - 5             |
| AB01 7743 | Gear - 20Z                     | 55 - 32            |
| AB01 7752 | Gear - 27T/42Z                 | 57 - 12            |
| AB03 0744 | Timing Pulley - 27Z/40T        | 59 - 4             |
| AB03 0781 | Timing Pulley - 28Z/30T        | 61 - 8             |
| AB03 0815 | Timing Pulley - 24T            | 55 - 30            |
| AB03 0820 | Pulley - 31T                   | 57 - 16            |
| AB03 0821 | Pulley - 31T                   | 57 - 14            |
| AC01 5025 | Shield Glass                   | 13 - 4             |
| AD02 5021 | Pick-off Pawl                  | 29 - 44            |
| AD02 7012 | Roller:Charge:Apply            | 29 - 37            |
| AD04 1105 | Cleaning Blade:No.2:Ass'y      | 29 - 35            |
| AD04 1135 | Cleaning Blade - Transfer Belt | 33 - 1             |
| AE01 0099 | Hot Roller                     | 37 - 40            |
| AE02 0199 | Pressure Roller                | 37 - 43            |
| AE03 0098 | Ball Bearing - 8x22x7          | 37 - 4             |
| AE03 0099 | Ball Bearing - 30x42x7         | 37 - 3             |
| AE04 0099 | Holder Roller                  | 39 - 9             |

| Part No.  | Description                     | Page and Index No. |
|-----------|---------------------------------|--------------------|
| AE04 2098 | Cleaning Roller:Ass'y           | 35 - 17            |
| AE04 4099 | Stripper Pawls                  | 37 - 17            |
| AE04 5099 | Cleaning Web                    | 39 - 18            |
| AF01 3006 | Bottom Plate Pad                | 15 - 5             |
| AF01 3016 | Bottom Plate Pad                | 21 - 27            |
| AF03 0049 | Pick-up Roller                  | 21 - 11            |
| AF03 0090 | Paper Feed Roller:Pickup        | 17 - 14            |
| AF03 1046 | Feed Roller - Manual Feed       | 21 - 6             |
| AF03 1090 | Paper Feed Roller:Feed          | 17 - 18            |
| AF03 2046 | Separation Roller - Manual Feed | 21 - 39            |
| AF03 2090 | Paper Feed Roller:Separate      | 17 - 27            |
| AF04 0571 | Guide Roller                    | 53 - 13            |
| AF04 0575 | Driven Roller                   | 53 - 8             |
| AF04 0599 | Pressure Roller:15              | 53 - 26            |
| AF04 0601 | Pressure Roller:Entrance        | 53 - 24            |
| AG07 0514 | Magnet Catch                    | 41 - 11            |
| AG07 1012 | Magnet Catch:Ass'y              | 11 - 14            |
| AW01 0107 | Paper Feed Sensor               | 23 - 20            |
| AW01 0107 | Paper Feed Sensor               | 45 - 5             |
| AW01 0107 | Paper Feed Sensor               | 51 - 6             |
| AW01 0107 | Paper Feed Sensor               | 21 - 2             |
| AW01 0122 | Paper Feed Sensor               | 17 - 7             |
| AW01 0127 | Paper Feed Sensor               | 51 - 13            |
| AW01 0128 | Paper Feed Sensor               | 17 - 5             |
| AW01 0199 | Entrance Sensor                 | 63 - 19            |
| AW02 0145 | Photointerruptor:Flat           | 17 - 2             |
| AW02 0145 | Photointerruptor:Flat           | 51 - 19            |
| AW02 0145 | Photointerruptor:Flat           | 45 - 9             |
| AW02 0150 | Photointerruptor:Flat:7mm       | 55 - 14            |
| AW11 0098 | Thermostat - 220C               | 37 - 21            |
| AW11 0099 | Thermostat - 219C               | 37 - 23            |
| AW50 0023 | Push Switch                     | 63 - 7             |
| AW50 0031 | Paper Size Sensor               | 19 - 10            |
| AW50 0035 | Paper End Sensor                | 21 - 21            |
| AW50 0038 | Push Switch:Paper Size Sensor   | 59 - 11            |

| Part No.  | Description                     | Page and Index No. |
|-----------|---------------------------------|--------------------|
| AX04 0154 | DC Motor 24V                    | 59 - 8             |
| AX04 0167 | Motor:DC5V 0.71W                | 55 - 26            |
| AX05 0292 | Toner Bottle Motor - DC 2.4W    | 63 - 2             |
| AX06 0353 | Polygon Mirror Motor - DC 16.8W | 13 - 5             |
| AX06 0354 | Brushless Motor - DC 6W         | 57 - 4             |
| AX06 0355 | Brushless Motor - DC 11W        | 57 - 5             |
| AX06 0355 | Brushless Motor - DC 11W        | 55 - 27            |
| AX06 0356 | Brushless Motor:DC24V 18W       | 55 - 13            |
| AX20 0289 | Magnetic Clutch - 32Z           | 61 - 11            |
| AX20 2007 | Magnetic Clutch                 | 21 - 31            |
| AX43 0112 | Heater - 120V 550W              | 37 - 41            |
| AX43 0113 | Heater - 230V 550W              | 37 - 41            |
| AX44 0252 | Heater - 120V 750W              | 37 - 42            |
| AX44 0253 | Heater - 230V 750W              | 37 - 42            |
| AX64 0159 | Fan Motor Mm80                  | 67 - 1             |
| AX64 0192 | Fan:DC 1.92W                    | 65 - 19            |
| AX64 0195 | Fan Motor - DC 2.16W            | 71 - 13            |
| AZ24 0122 | Power Supply Unit:120V          | 69 - 19            |
| AZ24 0123 | Power Supply Unit:230V          | 69 - 19            |
| AZ32 0145 | Power Pack:CBT                  | 57 - 2             |
| GA00 3144 | Decal:PDFDIRECT                 | 9 - 20             |
| GA00 3144 | Decal:PDFDIRECT                 | 105 - 22           |
| GA00 3175 | Decal:PS3:Clear                 | 9 - 21             |
| GA00 3175 | Decal:PS3:Clear                 | 105 - 23           |
| GW23 0001 | Toner End Sensor                | 33 - 14            |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| VSSM 9000 | Digital Multimeter - FLUKE 187 | 107 - 1            |

| Part No.   | Description          | Page and Index No. |
|------------|----------------------|--------------------|
| 0353 0040N | Screw - M3x4         | 21 - 104           |
| 0353 0040N | Screw - M3x4         | 53 - 102           |
| 0353 0050N | Screw-M3x5           | 35 - 102           |
| 0353 0050N | Screw-M3x5           | 39 - 101           |
| 0353 0060N | Bind Screw - M3x6    | 71 - 102           |
| 0353 0080N | Screw:M3x8           | 61 - 108           |
| 0353 0100N | Screw-M3x10          | 51 - 104           |
| 0353 0100N | Screw-M3x10          | 45 - 103           |
| 0360 3006N | Screw - M3x6         | 35 - 101           |
| 0360 3006N | Screw - M3x6         | 29 - 105           |
| 0360 3006N | Screw - M3x6         | 37 - 101           |
| 0360 3006N | Screw - M3x6         | 21 - 107           |
| 0360 3006N | Screw - M3x6         | 39 - 102           |
| 0360 3006N | Screw - M3x6         | 71 - 101           |
| 0360 3030N | Screw:M3x30          | 71 - 105           |
| 0434 0100N | Tapping Screw - 4x10 | 61 - 106           |
| 0450 3006N | Tapping Screw - M3x6 | 23 - 101           |
| 0450 3008N | Tapping Screw - M3x8 | 19 - 101           |
| 0450 3008N | Tapping Screw - M3x8 | 65 - 103           |
| 0450 3012N | Tapping Screw:3x12   | 15 - 103           |
| 0450 3014N | Tapping Screw:M3x14  | 27 - 105           |
| 0450 4008N | Tapping Screw - M4x8 | 15 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 23 - 107           |
| 0451 3006N | Tapping Screw - 3x6  | 51 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 33 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 69 - 102           |
| 0451 3006N | Tapping Screw - 3x6  | 41 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 21 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 61 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 49 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 53 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 45 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 17 - 101           |
| 0451 3006N | Tapping Screw - 3x6  | 31 - 102           |
| 0451 3008N | Tapping Screw - M3x8 | 69 - 109           |

| Part No.   | Description                     | Page and Index No. |
|------------|---------------------------------|--------------------|
| 0451 3008N | Tapping Screw - M3x8            | 11 - 103           |
| 0451 3008N | Tapping Screw - M3x8            | 63 - 104           |
| 0451 3008N | Tapping Screw - M3x8            | 57 - 110           |
| 0451 3008N | Tapping Screw - M3x8            | 21 - 106           |
| 0451 3008N | Tapping Screw - M3x8            | 41 - 103           |
| 0451 3008N | Tapping Screw - M3x8            | 45 - 109           |
| 0451 3008N | Tapping Screw - M3x8            | 73 - 102           |
| 0451 3008N | Tapping Screw - M3x8            | 9 - 101            |
| 0451 3025N | Tapping Screw:M3x25             | 65 - 105           |
| 0451 4008N | Tapping Screw:4x8               | 61 - 103           |
| 0452 3006N | Binding Self-tapping Screw:3x6  | 31 - 101           |
| 0452 3008N | Tapping Screw - M3x8            | 33 - 103           |
| 0452 3010N | Binding Self-Tapping Screw:3x10 | 11 - 105           |
| 0452 3010N | Binding Self-Tapping Screw:3x10 | 25 - 101           |
| 0453 3006N | Tapping Screw - M3x6            | 51 - 105           |
| 0453 3006N | Tapping Screw - M3x6            | 23 - 104           |
| 0453 3008N | Binding Self Tapping Screw:3x8  | 11 - 104           |
| 0453 3008N | Binding Self Tapping Screw:3x8  | 15 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 61 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 11 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 63 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 37 - 105           |
| 0454 3006Q | Tapping Screw - M3x6            | 51 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 73 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 57 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 45 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 67 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 69 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 13 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 23 - 102           |
| 0454 3006Q | Tapping Screw - M3x6            | 29 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 59 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 27 - 101           |
| 0454 3006Q | Tapping Screw - M3x6            | 71 - 103           |
| 0454 3006Q | Tapping Screw - M3x6            | 25 - 103           |

| Part No.   | Description                       | Page and Index No. |
|------------|-----------------------------------|--------------------|
| 0454 3006Q | Tapping Screw - M3x6              | 55 - 101           |
| 0454 3006Q | Tapping Screw - M3x6              | 65 - 102           |
| 0454 3008Q | Tapping Screw:3x8                 | 63 - 102           |
| 0454 3008Q | Tapping Screw:3x8                 | 17 - 106           |
| 0454 3008Q | Tapping Screw:3x8                 | 21 - 105           |
| 0454 3008Q | Tapping Screw:3x8                 | 9 - 103            |
| 0454 3008Q | Tapping Screw:3x8                 | 59 - 102           |
| 0454 3008Q | Tapping Screw:3x8                 | 65 - 101           |
| 0454 3008Q | Tapping Screw:3x8                 | 67 - 102           |
| 0454 3008Q | Tapping Screw:3x8                 | 55 - 104           |
| 0454 3008Q | Tapping Screw:3x8                 | 11 - 101           |
| 0454 3008Q | Tapping Screw:3x8                 | 71 - 104           |
| 0454 3020Q | Tapping Screw:3x20                | 57 - 103           |
| 0454 3020Q | Tapping Screw:3x20                | 65 - 109           |
| 0456 3008N | Tapping Screw - M3x8              | 53 - 105           |
| 0456 3008N | Tapping Screw - M3x8              | 55 - 103           |
| 0456 3008N | Tapping Screw - M3x8              | 13 - 101           |
| 0456 3008N | Tapping Screw - M3x8              | 17 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 29 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 21 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 27 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 43 - 101           |
| 0456 3008N | Tapping Screw - M3x8              | 33 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 47 - 101           |
| 0456 3008N | Tapping Screw - M3x8              | 49 - 102           |
| 0456 3008N | Tapping Screw - M3x8              | 63 - 103           |
| 0456 3008N | Tapping Screw - M3x8              | 25 - 102           |
| 0456 3010N | Tapping Screw - M3x10             | 49 - 103           |
| 0456 3010N | Tapping Screw - M3x10             | 9 - 102            |
| 0456 3012N | Tapping Screw:WP:3x12             | 9 - 104            |
| 0457 3008N | Tapping Screw - M3x8              | 21 - 103           |
| 0457 3008N | Tapping Screw - M3x8              | 29 - 103           |
| 0573 0030E | Hexagon Headless Set Screw - M3x3 | 39 - 104           |
| 0712 0030N | Hexagonal Nut:M3                  | 13 - 105           |
| 0720 0025E | Retaining Ring - M2.5             | 29 - 106           |

| Part No.   | Description                  | Page and Index No. |
|------------|------------------------------|--------------------|
| 0720 0025E | Retaining Ring - M2.5        | 53 - 103           |
| 0720 0030E | Retaining Ring - M3          | 27 - 103           |
| 0720 0030E | Retaining Ring - M3          | 53 - 104           |
| 0720 0030E | Retaining Ring - M3          | 45 - 106           |
| 0720 0030E | Retaining Ring - M3          | 47 - 103           |
| 0720 0030E | Retaining Ring - M3          | 41 - 102           |
| 0720 0030E | Retaining Ring - M3          | 37 - 107           |
| 0720 0040E | Retaining Ring - M4          | 39 - 103           |
| 0720 0040E | Retaining Ring - M4          | 49 - 107           |
| 0720 0040E | Retaining Ring - M4          | 45 - 104           |
| 0720 0040E | Retaining Ring - M4          | 51 - 106           |
| 0720 0040E | Retaining Ring - M4          | 17 - 104           |
| 0720 0040E | Retaining Ring - M4          | 61 - 107           |
| 0720 0040E | Retaining Ring - M4          | 29 - 104           |
| 0720 0060E | Retaining Ring - M6          | 37 - 108           |
| 0720 0060E | Retaining Ring - M6          | 55 - 102           |
| 0720 0080E | Retaining Ring - M8          | 15 - 104           |
| 0725 0110E | C Ring - M11                 | 27 - 104           |
| 0733 0408  | Bushing:4x8                  | 37 - 106           |
| 0740 3808  | Ball Bearing - 8x16x5mm      | 57 - 105           |
| 0802 5299  | Tapping Screw - M3x8         | 45 - 110           |
| 0802 5299  | Tapping Screw - M3x8         | 73 - 105           |
| 0802 5305  | Tapping Screw - M3x6         | 73 - 104           |
| 0804 6123  | Hexagonal Bolt:W/Washer:M3x8 | 37 - 102           |
| 0805 0088  | Retaining Ring - M6          | 23 - 106           |
| 0805 0088  | Retaining Ring - M6          | 57 - 104           |
| 0805 0088  | Retaining Ring - M6          | 45 - 108           |
| 0805 0088  | Retaining Ring - M6          | 73 - 103           |
| 0805 0088  | Retaining Ring - M6          | 21 - 109           |
| 0805 0089  | Retaining Ring - M4          | 55 - 105           |
| 0805 0089  | Retaining Ring - M4          | 23 - 103           |
| 0805 0089  | Retaining Ring - M4          | 21 - 108           |
| 0805 0089  | Retaining Ring - M4          | 19 - 102           |
| 0805 0089  | Retaining Ring - M4          | 17 - 103           |
| 0805 0089  | Retaining Ring - M4          | 57 - 106           |

| Part No.   | Description                       | Page and Index No. |
|------------|-----------------------------------|--------------------|
| 0805 0089  | Retaining Ring - M4               | 61 - 104           |
| 0805 0089  | Retaining Ring - M4               | 47 - 102           |
| 0805 0092  | Retaining Ring - 3m               | 65 - 104           |
| 0805 0092  | Retaining Ring - 3m               | 51 - 103           |
| 0805 0092  | Retaining Ring - 3m               | 43 - 102           |
| 0805 0092  | Retaining Ring - 3m               | 53 - 106           |
| 0805 0097  | Ring Separator                    | 43 - 103           |
| 0951 3008N | Screw:Polished Roud:M3x8          | 13 - 103           |
| 0951 3020N | Screw:Polished Roud:M3x20         | 13 - 104           |
| 0954 3006N | Screw - M3x6                      | 63 - 105           |
| 0954 3008N | Screw - M3x8                      | 49 - 104           |
| 0954 3010N | Screw:Polished Round/Spring:M3x10 | 37 - 103           |
| 0954 3010N | Screw:Polished Round/Spring:M3x10 | 57 - 107           |
| 0957 4008N | Screw:Small Round/Spring:M4x8     | 37 - 104           |
| 0957 4008N | Screw:Small Round/Spring:M4x8     | 69 - 103           |
| 1100 1475  | Test Pin                          | 99 - 101           |
| 1100 1476  | Test Pin                          | 93 - 101           |
| 1100 1829  | Test Pin:RCTCBK                   | 93 - 102           |
| 1101 0328  | Connector Pin Contact             | 99 - 102           |
| 1102 4201  | Connector - 2P                    | 99 - 103           |
| 1102 4203  | CT Header - 4P                    | 99 - 104           |
| 1102 4203  | CT Header - 4P                    | 93 - 103           |
| 1102 4204  | CT Header - 5P                    | 93 - 104           |
| 1102 4560  | CT Connector 6P                   | 59 - 103           |
| 1102 4560  | CT Connector 6P                   | 61 - 109           |
| 1102 4645  | CT Connector - 4P                 | 93 - 105           |
| 1102 5304  | Connector - 5P                    | 93 - 106           |
| 1102 5943  | Connector - 2P                    | 93 - 107           |
| 1102 6246  | Relay Connector - 3P              | 71 - 107           |
| 1102 6248  | Connector - 5P                    | 21 - 111           |
| 1102 6298  | Connector - 5P                    | 99 - 105           |
| 1102 6300  | Connector - 7P                    | 99 - 106           |
| 1102 6397  | Box Header                        | 99 - 107           |
| 1102 6594  | Connector - 10P                   | 99 - 108           |
| 1102 6790  | Conector - 100R-LT-N1             | 85 - 101           |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| 1102 7358 | Connector - 80P                  | 93 - 108           |
| 1102 7615 | Connector - B8B-XH-A             | 85 - 102           |
| 1102 8212 | Connector:TX24-50R-10ST-H1E      | 85 - 103           |
| 1102 8329 | Connector - USB - UBB-4R-D14C    | 85 - 104           |
| 1102 8466 | Connector:55447-0210             | 99 - 109           |
| 1102 8467 | Connector - 55447-0370           | 99 - 110           |
| 1102 8470 | Connector - 55447-0610           | 99 - 111           |
| 1102 8471 | Connector - 55447-071            | 99 - 112           |
| 1102 8474 | Connector - 5 P                  | 99 - 113           |
| 1102 8475 | Connector - 11P                  | 99 - 114           |
| 1102 8477 | Connector - 13P                  | 99 - 115           |
| 1102 8480 | Connector - 55447-1610           | 99 - 116           |
| 1102 8481 | Connector - 55447-1760           | 99 - 117           |
| 1102 8485 | Connector - 55451-2210           | 99 - 118           |
| 1102 8488 | Connector - 5451-2810            | 99 - 119           |
| 1102 8492 | Connector - 55451-3610           | 99 - 120           |
| 1102 8502 | Connector - 54679-1615           | 69 - 107           |
| 1102 8534 | Connector - QR/P17-14S-B         | 67 - 106           |
| 1102 9079 | Connector - RHM-88PL-SDK11-1     | 85 - 105           |
| 1102 9108 | Connector - 353297-3             | 99 - 121           |
| 1102 9109 | Connector - 353297-4             | 99 - 122           |
| 1102 9114 | Connector - 353297-1             | 99 - 123           |
| 1102 9116 | Connector - 353297-5             | 93 - 109           |
| 1102 9117 | Connector - 353297-8             | 99 - 124           |
| 1102 9120 | Connector - 2-292208-2           | 99 - 125           |
| 1102 9121 | Connector:2-353308-4             | 99 - 126           |
| 1102 9336 | Connector:FPS009-2300-0          | 85 - 106           |
| 1102 9782 | Connector:51405-1819             | 67 - 108           |
| 1102 9890 | Connector:5-1605706-2            | 85 - 107           |
| 1102 9956 | Connector:UBA-4R-D14T-4D(LF)(SN) | 85 - 108           |
| 1103 3177 | Connector - FH12-45S-0.5SV(89)   | 93 - 110           |
| 1103 3188 | Connector:FH12S-50S-0.5SH(89)    | 93 - 111           |
| 1103 3188 | Connector:FH12S-50S-0.5SH(89)    | 99 - 127           |
| 1103 3207 | Connector - FH12-36S-0.5SH(89)   | 93 - 112           |
| 1103 4043 | Connector:87825-1001             | 85 - 109           |

| Part No.  | Description                | Page and Index No. |
|-----------|----------------------------|--------------------|
| 1104 0821 | IC Socket:16008-B0A0020N   | 93 - 113           |
| 1104 0821 | IC Socket:16008-B0A0020N   | 85 - 110           |
| 1105 0367 | Spacer                     | 57 - 102           |
| 1105 0367 | Spacer                     | 69 - 106           |
| 1105 0487 | Harness Clamp              | 69 - 104           |
| 1105 0487 | Harness Clamp              | 65 - 107           |
| 1105 0487 | Harness Clamp              | 25 - 104           |
| 1105 0487 | Harness Clamp              | 55 - 108           |
| 1105 0487 | Harness Clamp              | 67 - 105           |
| 1105 0487 | Harness Clamp              | 71 - 106           |
| 1105 0488 | Harness Clamp              | 67 - 103           |
| 1105 0488 | Harness Clamp              | 61 - 105           |
| 1105 0489 | Harness Clamp - LWS 1316   | 67 - 104           |
| 1105 0489 | Harness Clamp - LWS 1316   | 69 - 105           |
| 1105 0508 | Harness Clamp - LWS-0711   | 49 - 105           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 17 - 105           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 21 - 113           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 45 - 105           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 43 - 104           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 61 - 110           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 55 - 106           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 57 - 108           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 49 - 106           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 53 - 108           |
| 1105 0511 | Harness Clamp - LWS-0306ZC | 51 - 107           |
| 1105 0516 | Clamp                      | 25 - 105           |
| 1105 0516 | Clamp                      | 51 - 108           |
| 1105 0522 | Edge Saddle - LES0510      | 73 - 106           |
| 1105 0522 | Edge Saddle - LES0510      | 67 - 107           |
| 1105 0522 | Edge Saddle - LES0510      | 21 - 110           |
| 1105 0522 | Edge Saddle - LES0510      | 55 - 107           |
| 1105 0534 | Clamp                      | 65 - 108           |
| 1105 0551 | Clamp:LES-0505             | 45 - 107           |
| 1105 0551 | Clamp:LES-0505             | 21 - 112           |
| 1105 0551 | Clamp:LES-0505             | 53 - 107           |

| Part No.  | Description                      | Page and Index No. |
|-----------|----------------------------------|--------------------|
| 1105 0568 | Clamp:LWSS-0504                  | 23 - 105           |
| 1105 0613 | Clamp:EDS-1010L-V0               | 55 - 109           |
| 1105 0619 | Clamp:LBWS-0605S-V0              | 57 - 109           |
| 1105 0623 | Clamp - LBWS-0206S-V0            | 47 - 104           |
| 1107 0629 | Fuse:Ceramic Case:15A 125V       | 69 - 112           |
| 1107 0786 | Fuse (Ceramic Case) - 12A - 125V | 69 - 113           |
| 1107 1083 | Fuse:SST 4                       | 85 - 111           |
| 1107 1099 | Fuse SST 5                       | 85 - 112           |
| 1107 1215 | Fuse:FBT250V6.3A(EM)             | 69 - 111           |
| 1107 1216 | Fuse:FBT250V10A(EM)              | 69 - 110           |
| 1107 1217 | Fuse:FIH250V4A(RM)               | 69 - 113           |
| 1107 1218 | Fuse:FIH250V8A(RM)               | 69 - 112           |
| 1109 0009 | Fuse:MINISMD075F                 | 85 - 113           |
| 1109 0082 | Fuse:SMD1812P110TF               | 99 - 128           |
| 1109 0087 | Fuse:SMD2920P075TF               | 99 - 129           |
| 1150 0373 | Power Supply Code:125V 15A NA    | 9 - 105            |
| 1150 0377 | Power Supply Code:250V:10A:EU    | 9 - 105            |
| 1204 2521 | Micro Switch                     | 65 - 106           |
| 1204 2608 | Rocker Switch:SDDJE33900         | 69 - 108           |
| 1204 2768 | Dip Switch                       | 99 - 130           |
| 1204 2791 | Dip Switch:DM-04-V               | 85 - 114           |
| 1206 0124 | Lithium Cell:CR2032VO4H/Z        | 85 - 115           |
| 1400 0728 | Transistor - 2SD2170             | 99 - 131           |
| 1400 0902 | Transistor - DTA113ZUA           | 99 - 132           |
| 1400 1152 | Transistor:RT1N436M-T111         | 93 - 114           |
| 1400 1154 | Transistor:RT1P436M-T111         | 93 - 115           |
| 1400 1209 | Transistor:2SA1980UF             | 99 - 133           |
| 1400 1212 | Transistor:2SA1980UF-Y           | 99 - 134           |
| 1400 1214 | Transistor:2SC5343UF-G           | 99 - 135           |
| 1400 1240 | Transistor:SRC1202UF             | 99 - 136           |
| 1400 1241 | Transistor:SRC1206UF             | 99 - 137           |
| 1400 1246 | Transistor:SRC1205UF             | 99 - 138           |
| 1400 1281 | Transistor:2SC4155A-T111         | 93 - 116           |
| 1400 1289 | Transistor:RT1N242M-T111         | 93 - 117           |
| 1401 0972 | Transistor-2SB1260               | 99 - 139           |

| Part No.  | Description                    | Page and Index No. |
|-----------|--------------------------------|--------------------|
| 1401 1318 | FET - HAT2198R                 | 85 - 116           |
| 1401 1414 | FET:SI3433BDV-E3               | 85 - 117           |
| 1401 1415 | FET:SI3434DV-E3                | 85 - 118           |
| 1401 1448 | FET:SI3447BDV-E3               | 85 - 119           |
| 1401 1466 | FET:SI4800BDY-E3               | 85 - 120           |
| 1401 1475 | FET:SI3867DV-E3                | 85 - 121           |
| 1402 1336 | Diode - 1SS355                 | 85 - 122           |
| 1402 1343 | Diode - RB106L-40              | 93 - 118           |
| 1402 1365 | Diode-RB751V-40                | 85 - 123           |
| 1402 1662 | Diode:PTZ6.2B                  | 99 - 140           |
| 1402 1663 | Diode - ZTP12B                 | 99 - 141           |
| 1402 1929 | Diode:RB160M-30                | 85 - 124           |
| 1402 1932 | Diode:SDS142WMF                | 99 - 142           |
| 1402 1952 | Diode - TDZ12                  | 99 - 143           |
| 1402 1995 | Diode:SDS511                   | 93 - 119           |
| 1402 1996 | Diode:SDS511Q                  | 99 - 144           |
| 1402 2039 | Diode:RSX301LA-30              | 85 - 125           |
| 1403 0953 | LED - SML-310MT                | 85 - 126           |
| 1403 0978 | LED - SML-310DT                | 85 - 127           |
| 1403 0996 | LED - SML-310VT                | 93 - 120           |
| 1403 1131 | LED:SML-311UT                  | 85 - 128           |
| 1404 0360 | Thermistor - 103HT             | 99 - 145           |
| 1407 1535 | IC - TD62308AP                 | 99 - 146           |
| 1407 2187 | TTLIC - SN74LS07NS             | 99 - 147           |
| 1407 2219 | IC - TD62003AP                 | 99 - 148           |
| 1407 4840 | IC - TC7SH04FU                 | 99 - 149           |
| 1407 4919 | IC - 74VHCT244 TSSOP           | 85 - 129           |
| 1407 5009 | CMOS Logic:TC7SET04FU          | 85 - 130           |
| 1407 5190 | CMOS Logic:TC7SZ08FU           | 85 - 131           |
| 1407 5192 | CMOS Logic:TC7SZ04FU           | 93 - 121           |
| 1407 5195 | CMOS Logic:TC7SZ05FU           | 85 - 132           |
| 1407 5300 | CMOS Logic - 74LVC16244A TSSOP | 85 - 133           |
| 1407 5344 | IC - SN74LV02APW               | 99 - 150           |
| 1407 5347 | IC - SN74LV08APW               | 99 - 151           |
| 1407 5347 | IC - SN74LV08APW               | 93 - 122           |

| Part No.  | Description                        | Page and Index No. |
|-----------|------------------------------------|--------------------|
| 1407 5351 | IC - SN74LV14APW                   | 93 - 123           |
| 1407 5351 | IC - SN74LV14APW                   | 85 - 134           |
| 1407 5351 | IC - SN74LV14APW                   | 99 - 152           |
| 1407 5353 | IC - SN74LV244APW                  | 93 - 124           |
| 1407 5392 | IC:SN74LV541APW                    | 99 - 153           |
| 1407 5392 | IC:SN74LV541APW                    | 93 - 125           |
| 1407 5463 | IC - SN74LV245APW                  | 93 - 126           |
| 1407 5469 | IC - SN74LV07APW                   | 99 - 154           |
| 1407 5482 | IC - SN74LVC07APW                  | 85 - 135           |
| 1407 5520 | IC - SN74LVC125APW                 | 85 - 136           |
| 1407 5523 | ROM - I2C SOP 3V                   | 85 - 137           |
| 1407 5528 | IC - SN74LVC126APW                 | 85 - 138           |
| 1407 5604 | IC - SN74LVC16245ADGG              | 85 - 139           |
| 1407 5633 | IC - SN74LV574APW                  | 93 - 127           |
| 1407 6145 | IC:SN74LVC373APW                   | 85 - 140           |
| 1407 6166 | IC - ESOC                          | 93 - 128           |
| 1407 6196 | Motor Control IC:STK672-610        | 99 - 155           |
| 1407 6197 | Driver:M54563P                     | 99 - 156           |
| 1407 6265 | Real Time Clock:R2025S             | 85 - 141           |
| 1407 6314 | Motor Control IC:TB6561NG          | 99 - 157           |
| 1407 6320 | Motor Control IC:MTD1501S-7101     | 99 - 158           |
| 1407 6386 | CPU:RM7035C-533L-REV1.1            | 85 - 142           |
| 1407 6400 | Clock Generator - ICS960013BFLF    | 85 - 143           |
| 1407 6430 | IC - GAVD Type-R                   | 93 - 129           |
| 1407 6492 | Clock Generator - ICS180M-51LF     | 99 - 159           |
| 1407 6671 | USB Controller:UPD720102GC-YEB-A   | 85 - 144           |
| 1407 6723 | Custom IC:CORNET                   | 85 - 145           |
| 1407 6741 | LAN Controller LSI:DP83848JSQ/NOPB | 85 - 146           |
| 1407 6759 | Custom IC:EIO                      | 99 - 160           |
| 1407 6787 | CMOS Logic:TC7SH125FU              | 93 - 130           |
| 1407 6801 | CMOS Logic:TC7PA17FU               | 93 - 131           |
| 1407 6801 | CMOS Logic:TC7PA17FU               | 85 - 147           |
| 1407 6803 | CMOS Logic:TC7SZ07FU               | 85 - 148           |
| 1407 6847 | Motor Control IC:STK672-600B-E     | 99 - 161           |
| 1407 6853 | CMOS Logic:HD74LV1GW17ACM          | 85 - 149           |

| Part No.  | Description                                  | Page and Index No. |
|-----------|----------------------------------------------|--------------------|
| 1407 6863 | Controller:ST19WP18FT28PVG1                  | 85 - 150           |
| 1407 6898 | CMOS Logic:TC7WH126FK                        | 85 - 151           |
| 1407 6899 | CMOS Logic:TC7WH125FK                        | 85 - 152           |
| 1407 6944 | USB Controller IC:ST72681/R21                | 85 - 153           |
| 1407 6951 | CMOS Logic:TC7MBL3245SFK                     | 85 - 154           |
| 1408 1204 | IC - TA8083P                                 | 99 - 162           |
| 1408 1383 | Regulator - TA7812F                          | 99 - 163           |
| 1408 1669 | Series Regulator:R1170H331B                  | 93 - 132           |
| 1408 1779 | IC - R3112Q281A                              | 99 - 164           |
| 1408 1826 | IC - R3112Q421A                              | 93 - 133           |
| 1408 1826 | IC - R3112Q421A                              | 99 - 165           |
| 1408 1826 | IC - R3112Q421A                              | 85 - 155           |
| 1408 1829 | Ope Amp - LM358PW                            | 93 - 134           |
| 1408 1850 | Regulator - R1170H181B                       | 93 - 135           |
| 1408 1907 | IC:R3112Q451A-FA                             | 93 - 136           |
| 1408 1962 | IC - PQ1CZ41H2ZPH                            | 93 - 137           |
| 1408 2024 | IC:R3112Q261A-FA                             | 93 - 138           |
| 1408 2029 | Comparator:LM2901PW                          | 99 - 166           |
| 1408 2030 | Operational Amplifier - LM224D               | 99 - 167           |
| 1408 2053 | IC:R3112Q291A-FA                             | 85 - 156           |
| 1408 2087 | IC:LTC3736EUF#TRPBF                          | 85 - 157           |
| 1408 2122 | Series Regulator - R1130H331A-FB             | 99 - 168           |
| 1408 2463 | DDR Terminator - TPS51116PWPG4               | 85 - 158           |
| 1408 2468 | IC:R1250V401A-F                              | 99 - 169           |
| 1408 2484 | IC:LTC3808EDE#PBF                            | 85 - 159           |
| 1503 1004 | Oscillator - 19.6608MHz                      | 99 - 170           |
| 1503 1138 | Crystal Oscillator - 48MHz                   | 85 - 160           |
| 1503 1215 | Crystal Oscillator - 17.5MHz                 | 93 - 139           |
| 1503 1355 | Crystal Oscillator:25MHz                     | 85 - 161           |
| 1503 1362 | Crystal Oscillator:30MHz                     | 85 - 162           |
| 1503 1363 | Crystal Oscillator:12MHz                     | 85 - 163           |
| 1503 1379 | Crystal Oscillator:14.31818MHz               | 85 - 164           |
| 1601 7887 | Resistor Array - 10K $\Omega$ $\pm$ 5% 1/32W | 85 - 165           |
| 1601 7896 | Resistor Array - 56 $\Omega$ $\pm$ 5% 1/32W  | 85 - 166           |
| 1601 7898 | Resistor Array                               | 85 - 167           |

| Part No.  | Description                                   | Page and Index No. |
|-----------|-----------------------------------------------|--------------------|
| 1601 7913 | Resistor 22 $\Omega$ $\pm$ 5% 1/32W           | 85 - 168           |
| 1601 7914 | Resistor Array - 47 $\Omega$ $\pm$ 5%         | 85 - 169           |
| 1601 7959 | Resistor                                      | 85 - 170           |
| 1601 7981 | Resistor Array - 100K $\Omega$ $\pm$ 5% 1/16W | 85 - 171           |
| 1604 4728 | Capacitor - 100 $\mu$ F $\pm$ 20% 16V         | 93 - 140           |
| 1604 5002 | Capacitor - 220 $\mu$ F $\pm$ 20% 6.3V        | 93 - 141           |
| 1604 5186 | Capacitor:220 $\mu$ F: $\pm$ 20%:10V          | 93 - 142           |
| 1604 5524 | Capacitor - 100 $\mu$ F $\pm$ 20% 50V         | 99 - 171           |
| 1604 5669 | Capacitor:470 $\mu$ F: $\pm$ 20%:25V          | 99 - 172           |
| 1604 5670 | Capacitor:10 $\mu$ F: $\pm$ 20%:25V           | 99 - 173           |
| 1604 5714 | Capacitor:47 $\mu$ F: $\pm$ 20%:25V           | 99 - 174           |
| 1604 5719 | Capacitor:100 $\mu$ F: $\pm$ 20%:50V          | 99 - 175           |
| 1604 5720 | Capacitor:220 $\mu$ F: $\pm$ 20%:35V          | 99 - 176           |
| 1605 1124 | Capacitor - 4.7 $\mu$ F +80 -20% 10V          | 85 - 172           |
| 1605 1137 | Capacitor - 470pF $\pm$ 10% 50V               | 99 - 177           |
| 1605 1137 | Capacitor - 470pF $\pm$ 10% 50V               | 93 - 143           |
| 1605 1148 | Capacitor - 0.1 $\mu$ F +80-20% 50V           | 93 - 144           |
| 1605 1148 | Capacitor - 0.1 $\mu$ F +80-20% 50V           | 99 - 178           |
| 1605 1186 | Ceramic Capacitor:220pF: $\pm$ 10%:50V        | 93 - 145           |
| 1605 1197 | Capacitor - 6pF $\pm$ 0.5pF 50V               | 85 - 173           |
| 1605 1199 | Capacitor - 8pF $\pm$ 0.5pF 50V               | 85 - 174           |
| 1605 1200 | Capacitor - 10pF $\pm$ 0.5pF 50V              | 85 - 175           |
| 1605 1204 | Capacitor-pF50V                               | 85 - 176           |
| 1605 1206 | Capacitor - 47pF $\pm$ 5% 50V                 | 99 - 179           |
| 1605 1206 | Capacitor - 47pF $\pm$ 5% 50V                 | 85 - 177           |
| 1605 1208 | Capacitor:100pF: $\pm$ 5%:50V                 | 85 - 178           |
| 1605 1211 | Capacitor - 220pF $\pm$ 10% 50V               | 85 - 179           |
| 1605 1212 | Capacitor - 470pF $\pm$ 10% 50V               | 85 - 180           |
| 1605 1212 | Capacitor - 470pF $\pm$ 10% 50V               | 99 - 180           |
| 1605 1214 | Capacitor - 1000pF $\pm$ 10% 50V              | 85 - 181           |
| 1605 1214 | Capacitor - 1000pF $\pm$ 10% 50V              | 99 - 181           |
| 1605 1216 | Capacitor - 2200pF $\pm$ 10%50V               | 85 - 182           |
| 1605 1216 | Capacitor - 2200pF $\pm$ 10%50V               | 99 - 182           |
| 1605 1218 | Capacitor:4700pF: $\pm$ 10%:25V               | 85 - 183           |
| 1605 1221 | Capacitor - 0.1 $\mu$ F+80-20%16V             | 85 - 184           |

| Part No.  | Description                               | Page and Index No. |
|-----------|-------------------------------------------|--------------------|
| 1605 1234 | Capcitor:4700pF: $\pm$ 10%:50V            | 99 - 183           |
| 1605 1240 | Capacitor - 0.01 $\mu$ F $\pm$ 10% 25V    | 85 - 185           |
| 1605 1281 | Capacitor - 0.22 $\mu$ F $\pm$ 10% 16V    | 99 - 184           |
| 1605 1281 | Capacitor - 0.22 $\mu$ F $\pm$ 10% 16V    | 93 - 146           |
| 1605 1284 | Capacitor:1500pF: $\pm$ 10%:50V           | 85 - 186           |
| 1605 1289 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 10V     | 85 - 187           |
| 1605 1293 | Capacitor - 27pF $\pm$ 5%50V              | 99 - 185           |
| 1605 1293 | Capacitor - 27pF $\pm$ 5%50V              | 85 - 188           |
| 1605 1294 | Resistor - 1000pF $\pm$ 5% 50V            | 99 - 186           |
| 1605 1295 | Capacitor:10 $\mu$ F:+80-20%:10V          | 85 - 189           |
| 1605 1295 | Capacitor:10 $\mu$ F:+80-20%:10V          | 93 - 147           |
| 1605 1296 | Capacitor - 330pF $\pm$ 10% 50V           | 85 - 190           |
| 1605 1301 | Capacitor-6800pF $\pm$ 10% 50V            | 85 - 191           |
| 1605 1303 | Capacitor - 0.01 $\mu$ F +80-20% 50V      | 99 - 187           |
| 1605 1306 | Capacitor - 1 $\mu$ F $\pm$ 10% 10V       | 85 - 192           |
| 1605 1307 | Capacitor - 2.2 $\mu$ F +80-20% 11V       | 85 - 193           |
| 1605 1347 | Capacitor - 1 $\mu$ F:+80-20%:16V         | 93 - 148           |
| 1605 1353 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 25V     | 99 - 188           |
| 1605 1353 | Capacitor - 0.1 $\mu$ F $\pm$ 10% 25V     | 93 - 149           |
| 1605 1354 | Capacitor:1200pF: $\pm$ 5%:50V            | 99 - 189           |
| 1605 1358 | Capacitor - 10 $\mu$ F $\pm$ 10% 10V      | 85 - 194           |
| 1605 1376 | Capacitor - 0.033 $\mu$ F - $\pm$ 10%:25V | 85 - 195           |
| 1605 1396 | Capacitor - 0.33 $\mu$ F $\pm$ 10% 50V    | 99 - 190           |
| 1605 1406 | Capacitor - 10 $\mu$ F $\pm$ 10% 6.3V     | 85 - 196           |
| 1605 1447 | Resistor - 470pF $\pm$ 5% 50V             | 99 - 191           |
| 1605 1451 | Capacitor:0.47 $\mu$ F: $\pm$ 10%:6.3V    | 85 - 197           |
| 1605 1452 | Capacitor - 1 $\mu$ F $\pm$ 10% 6.3V      | 85 - 198           |
| 1605 1474 | Capacitor - 47 $\mu$ F $\pm$ 20% 6.3V     | 85 - 199           |
| 1605 1475 | Resistor - 1 $\mu$ F $\pm$ 10% 16V        | 85 - 200           |
| 1605 1481 | Capacitor:1000pF: $\pm$ 20%:50V           | 99 - 192           |
| 1605 1489 | Resistor - 2.2 $\mu$ F $\pm$ 10% 25V      | 99 - 193           |
| 1605 1531 | Capacitor:470pF: $\pm$ 20%:50V            | 99 - 194           |
| 1605 1563 | Capacitor:10 $\mu$ F: $\pm$ 10%:10V       | 85 - 201           |
| 1605 1583 | Capacitor - 0.1 $\mu$ F: $\pm$ 10%:16V    | 85 - 202           |
| 1605 1586 | Capacitor:10 $\mu$ F: $\pm$ 10%:16V       | 93 - 150           |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| 1605 1587 | Capacitor:22 $\mu$ F:±20%:6.3V    | 85 - 203           |
| 1605 1602 | Capacitor:3.3 $\mu$ F:±10%:6.3V   | 85 - 204           |
| 1605 1605 | Capacitor - 4.7 $\mu$ F ±10% 10V  | 85 - 205           |
| 1605 1605 | Capacitor - 4.7 $\mu$ F ±10% 10V  | 99 - 195           |
| 1605 1607 | Capacitor:22 $\mu$ F:±80-20%:6.3V | 85 - 206           |
| 1605 1681 | Capacitor:22 $\mu$ F:±20%:10V     | 85 - 207           |
| 1605 1689 | Capacitor:100 $\mu$ F:±20%:6.3V   | 85 - 208           |
| 1605 1692 | Capacitor:47pF:±10%:50V           | 93 - 151           |
| 1606 2319 | Capacitor:100 $\mu$ F:±20%:6.3V   | 85 - 209           |
| 1607 0861 | Filter - BK2125HS101              | 93 - 152           |
| 1607 0870 | Filter - BK1608HS121              | 93 - 153           |
| 1607 1014 | Emi Filter - BLM11P600SPB         | 85 - 210           |
| 1607 1051 | Filter -FBMJ2125HS420             | 85 - 211           |
| 1607 1061 | Filter - BLM11P300SPB             | 85 - 212           |
| 1607 1199 | Filter - BLM21PG600SN1B           | 85 - 213           |
| 1607 1546 | Inductor - SLF6028-220MR77-PF     | 93 - 154           |
| 1607 1556 | Inductor:RLF7030-1R5N6R1          | 85 - 214           |
| 1607 1567 | Filter:MPZ2012S101A               | 85 - 215           |
| 1607 1572 | Filter:MPZ1608S101A               | 85 - 216           |
| 1607 1637 | Coil:ACM2012-900-2P               | 85 - 217           |
| 1607 1707 | Inductor:CDRH5D28RNP-150NC        | 93 - 155           |
| 1607 1714 | Ferrite Core:RFC-6                | 9 - 106            |
| 1607 1827 | Inductor:RLF7030-2R2M5R4          | 85 - 218           |
| 1607 1946 | Inductor:VLF10040-2R2N7R1         | 85 - 219           |
| 1609 0005 | Registor:33 $\Omega$ :±5%:1/16W   | 85 - 220           |
| 1609 0005 | Registor:33 $\Omega$ :±5%:1/16W   | 99 - 196           |
| 1609 0005 | Registor:33 $\Omega$ :±5%:1/16W   | 93 - 156           |
| 1609 0006 | Registor:10K $\Omega$ :±5%:1/16W  | 93 - 157           |
| 1609 0006 | Registor:10K $\Omega$ :±5%:1/16W  | 85 - 221           |
| 1609 0006 | Registor:10K $\Omega$ :±5%:1/16W  | 99 - 197           |
| 1609 0007 | Resistor - 68 $\Omega$ ±5% 1/16W  | 93 - 158           |
| 1609 0007 | Resistor - 68 $\Omega$ ±5% 1/16W  | 85 - 222           |
| 1609 0011 | Registor:22 $\Omega$ :±5%:1/16W   | 85 - 223           |
| 1609 0016 | Registor:56 $\Omega$ :±5%:1/16W   | 85 - 224           |
| 1609 0017 | Resistor:150 $\Omega$ :±5%:1/16W  | 93 - 159           |

| Part No.  | Description                                     | Page and Index No. |
|-----------|-------------------------------------------------|--------------------|
| 1609 0020 | Registor:10 $\Omega$ :±5%:1/16W                 | 85 - 225           |
| 1609 0026 | Resistor - 47 $\Omega$ ±5% 1/16W                | 85 - 226           |
| 1609 0027 | Resistor - 100K $\Omega$ ±5% 1/16W              | 85 - 227           |
| 1609 0027 | Resistor - 100K $\Omega$ ±5% 1/16W              | 93 - 160           |
| 1609 0039 | Resistor Array:10K $\Omega$ :±5%:1/16W:4Number  | 93 - 161           |
| 1609 0041 | Resistor Array:100 $\Omega$ :±5%:1/16W:4Number  | 93 - 162           |
| 1609 0044 | Resistor Array:33 $\Omega$ :±5%:1/16W:4Number   | 93 - 163           |
| 1609 0048 | Resistor Array:68 $\Omega$ :±5%:1/16W:4Number   | 93 - 164           |
| 1609 0049 | Resistor Array:1K $\Omega$ :±5%:1/16W:4Number   | 93 - 165           |
| 1609 0051 | Resistor Array:100K $\Omega$ :±5%:1/16W:4Number | 93 - 166           |
| 1609 0096 | Resistor Array:10K $\Omega$ :±5%:1/16W:4Number  | 99 - 198           |
| 1609 0098 | Resistor Array:33 $\Omega$ :±5%:1/16W:4Number   | 99 - 199           |
| 1609 0111 | Resistor Array:1K $\Omega$ :±5%:1/16W:4Number   | 99 - 200           |
| 1609 0114 | Resistor Array:68 $\Omega$ :±5%:1/16W:4Number   | 99 - 201           |
| 1610 1409 | Chip Resistor - 6.8 $\Omega$ ±5%                | 99 - 202           |
| 1610 1427 | Resistor - 15 $\Omega$ ±5% 1W                   | 93 - 167           |
| 1610 1900 | Resistor:56K $\Omega$ :±0.5%:1/16W 1005         | 85 - 228           |
| 1610 1947 | Resistor:220 $\Omega$ :±5%:1W                   | 99 - 203           |
| 1610 1997 | Resistor:1.5 $\Omega$ :±1%:1W:6332              | 99 - 204           |
| 1610 2045 | Resistor:115K $\Omega$ :±0.1%:1/10W:2125        | 85 - 229           |
| 1610 2046 | Resistor:25.5K $\Omega$ :±0.1%:1/10W:2125       | 85 - 230           |
| 1610 2047 | Resistor:30.1K $\Omega$ :±0.1%:1/10W:2125       | 85 - 231           |
| 1610 2049 | Resistor:1.8 $\Omega$ :±1%:1W:6332              | 99 - 205           |
| 1633 0000 | Resistor - 0 $\Omega$ 1/10W                     | 85 - 232           |
| 1633 0000 | Resistor - 0 $\Omega$ 1/10W                     | 93 - 168           |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W                     | 85 - 233           |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W                     | 93 - 169           |
| 1634 0000 | Resistor - 0 $\Omega$ 1/16W                     | 99 - 206           |
| 1640 5100 | Capacitor - 10 $\mu$ F +20% 50                  | 99 - 207           |
| 1650 2101 | Resistor - 100 $\Omega$ ±5% 1/4W                | 99 - 208           |
| 1650 3153 | Resistor:15K $\Omega$ :±5%:1/8W                 | 99 - 209           |
| 1650 4101 | Resistor - 100 $\Omega$ ±5%1/10W                | 85 - 234           |
| 1650 4101 | Resistor - 100 $\Omega$ ±5%1/10W                | 99 - 210           |
| 1650 4101 | Resistor - 100 $\Omega$ ±5%1/10W                | 93 - 170           |
| 1650 4102 | Resistor - 1K $\Omega$ ±5% 1/10W                | 99 - 211           |

| Part No.  | Description                                  | Page and Index No. |
|-----------|----------------------------------------------|--------------------|
| 1650 4102 | Resistor - 1K $\Omega$ $\pm$ 5% 1/10W        | 93 - 171           |
| 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       | 93 - 172           |
| 1650 4103 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       | 99 - 212           |
| 1650 4104 | Resistor - 100K $\Omega$ $\pm$ 5% 1/10W      | 99 - 213           |
| 1650 4105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W        | 93 - 173           |
| 1650 4105 | Resistor - 1M $\Omega$ $\pm$ 5% 1/10W        | 99 - 214           |
| 1650 4122 | Capacitor - 0.033 $\mu$ F - $\pm$ 10%:25V    | 93 - 174           |
| 1650 4181 | Resistor - 180 $\Omega$ $\pm$ 5% 1/10W       | 93 - 175           |
| 1650 4201 | Resistor - 200 $\Omega$ $\pm$ 5% 1/10W       | 99 - 215           |
| 1650 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5% 1/10W      | 99 - 216           |
| 1650 4222 | Resistor - 2.2K $\Omega$ $\pm$ 5% 1/10W      | 93 - 176           |
| 1650 4244 | Resistor:240K $\Omega$ : $\pm$ 5%:1/10W:1608 | 93 - 177           |
| 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W   | 93 - 178           |
| 1650 4330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/10W   | 99 - 217           |
| 1650 4331 | Resistor - 330 $\Omega$ $\pm$ 5% 1/10W       | 93 - 179           |
| 1650 4332 | Resistor - 3.3K $\Omega$ $\pm$ 5% 1/10W      | 93 - 180           |
| 1650 4470 | Resistor - 47 $\Omega$ $\pm$ 5% 1/10W        | 85 - 235           |
| 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W      | 85 - 236           |
| 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W      | 93 - 181           |
| 1650 4472 | Resistor - 4.7K $\Omega$ $\pm$ 5% 1/10W      | 99 - 218           |
| 1650 4510 | Resistor - 51 $\Omega$ $\pm$ 5% 1/10W        | 99 - 219           |
| 1650 4511 | Resistor - 510 $\Omega$ $\pm$ 5% 1/10W       | 93 - 182           |
| 1650 4560 | Chip Resistor - 56 $\Omega$ $\pm$ 5% 1/10W   | 99 - 220           |
| 1650 4561 | Resistor - 560 $\Omega$ $\pm$ 5% 1/10W       | 93 - 183           |
| 1650 4680 | Resistor - 68 $\Omega$ $\pm$ 5% 1/10W        | 93 - 184           |
| 1650 4681 | Resistor - 680 $\Omega$ $\pm$ 5% 1/10W       | 99 - 221           |
| 1650 5100 | Chip Resistor - 10 $\Omega$ $\pm$ 5% 1/16W   | 99 - 222           |
| 1650 5101 | Chip Resistor - 100 $\Omega$ $\pm$ 5% 1/16W  | 85 - 237           |
| 1650 5102 | Chip Resistor - 1K $\Omega$ $\pm$ 5% 1/16W   | 85 - 238           |
| 1650 5102 | Chip Resistor - 1K $\Omega$ $\pm$ 5% 1/16W   | 99 - 223           |
| 1650 5103 | Chip Resistor - 10K $\Omega$ $\pm$ 5% 1/16W  | 85 - 239           |
| 1650 5103 | Chip Resistor - 10K $\Omega$ $\pm$ 5% 1/16W  | 99 - 224           |
| 1650 5104 | Chip Resistor - 100K $\Omega$ $\pm$ 5% 1/16W | 85 - 240           |
| 1650 5104 | Chip Resistor - 100K $\Omega$ $\pm$ 5% 1/16W | 99 - 225           |
| 1650 5109 | Chip Resistor 1 $\Omega$ $\pm$ 5% 1/16W      | 85 - 241           |

| Part No.  | Description                                  | Page and Index No. |
|-----------|----------------------------------------------|--------------------|
| 1650 5122 | Chip Resistor - 1.2K $\Omega$ $\pm$ 5% 1/16W | 85 - 242           |
| 1650 5152 | Chip Resistor:1.5k $\Omega$ : $\pm$ 5%:1/16w | 85 - 243           |
| 1650 5203 | Resistor - 20K $\Omega$ $\pm$ 5% 1/16W       | 85 - 244           |
| 1650 5204 | Chip Resistor - 200K $\Omega$ $\pm$ 5% 1/16W | 99 - 226           |
| 1650 5220 | Resistor - 22 $\Omega$ $\pm$ 5% 1/16W        | 85 - 245           |
| 1650 5220 | Resistor - 22 $\Omega$ $\pm$ 5% 1/16W        | 99 - 227           |
| 1650 5221 | Chip Resistor - 220 $\Omega$ $\pm$ 5% 1/16W  | 85 - 246           |
| 1650 5222 | Resistor - 2.2K $\Omega$ $\pm$ 5% 1/16W      | 99 - 228           |
| 1650 5222 | Resistor - 2.2K $\Omega$ $\pm$ 5% 1/16W      | 85 - 247           |
| 1650 5272 | Chip Resistor:2.7K $\Omega$ : $\pm$ 5%:1/16W | 85 - 248           |
| 1650 5330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/16W   | 85 - 249           |
| 1650 5330 | Chip Resistor - 33 $\Omega$ $\pm$ 5% 1/16W   | 99 - 229           |
| 1650 5470 | Chip Resistor 47 $\Omega$ $\pm$ 5% 1/16W     | 85 - 250           |
| 1650 5472 | Chip Resistor:4.7K $\Omega$ : $\pm$ 5%:1/16W | 99 - 230           |
| 1650 5472 | Chip Resistor:4.7K $\Omega$ : $\pm$ 5%:1/16W | 85 - 251           |
| 1650 5473 | Chip Resistor - 47K $\Omega$ $\pm$ 5% 1/16W  | 99 - 231           |
| 1650 5560 | Chip Resistor 56 $\Omega$ $\pm$ 5% 1/16W     | 85 - 252           |
| 1650 5621 | Chip Resistor 620 $\Omega$ $\pm$ 5% 1/16W    | 85 - 253           |
| 1650 5680 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W        | 99 - 232           |
| 1650 5683 | Chip Resistor 68K $\Omega$ $\pm$ 5% 1/16W    | 85 - 254           |
| 1650 5822 | Chip Resistor:8.2K $\Omega$ : $\pm$ 5%:1/16W | 85 - 255           |
| 1654 1001 | Resistor - 1K $\Omega$ $\pm$ 1% 1/10W        | 99 - 233           |
| 1654 1002 | Resistor - 10K $\Omega$ $\pm$ 5% 1/10W       | 85 - 256           |
| 1654 1003 | Resistor - 100K $\Omega$ $\pm$ 1% 1/10W      | 99 - 234           |
| 1654 1004 | Chip Resistor - 1M $\Omega$ $\pm$ 1% 1/10W   | 85 - 257           |
| 1654 1009 | Resistor - 10 $\Omega$ $\pm$ 1% 1/10W        | 85 - 258           |
| 1654 1403 | Resistor:140K $\Omega$ : $\pm$ 1%:1/10W      | 99 - 235           |
| 1654 1502 | Resistor - 15K $\Omega$ $\pm$ 1% 1/10W       | 85 - 259           |
| 1654 1509 | Chip Resistor:15 $\Omega$ : $\pm$ 1%:1/10W   | 85 - 260           |
| 1654 1601 | Chip Resistor - 1.6K $\Omega$ $\pm$ 1% 1/10W | 99 - 236           |
| 1654 1802 | Resistor - 18K $\Omega$ $\pm$ 1% 1/10W       | 93 - 185           |
| 1654 1809 | Resistor:18 $\Omega$ : $\pm$ 1%:1/10W:1608   | 85 - 303           |
| 1654 2001 | Chip Resistor - 2K $\Omega$ $\pm$ 1% 1/10W   | 99 - 237           |
| 1654 2002 | Resistor - 20K $\Omega$ $\pm$ 1% 1/10W       | 99 - 238           |
| 1654 2202 | Resistor - 22K $\Omega$ $\pm$ 1% 1/10W       | 93 - 186           |

| Part No.  | Description                     | Page and Index No. |
|-----------|---------------------------------|--------------------|
| 1654 2209 | Resistor - 22Ω±1% 1/10W         | 85 - 261           |
| 1654 2401 | Resistor - 2.4KΩ ±1% 1/10W      | 99 - 239           |
| 1654 3002 | Resistor - 30KΩ±1%1/10W         | 85 - 262           |
| 1654 3301 | Resistor - 3.3KΩ ±1% 1/10W      | 99 - 240           |
| 1654 3309 | Resistor - 33Ω±1% 1/10W         | 85 - 304           |
| 1654 3601 | Resistor - 3.6KΩ ±1% 1/10W      | 99 - 241           |
| 1654 3900 | Resistor:390Ω:±1%:1/10W         | 93 - 187           |
| 1654 4701 | Resistor - 4.7KΩ±1% 1/10W       | 93 - 188           |
| 1654 4709 | Resistor - 47Ω±1% 1/10W         | 93 - 189           |
| 1654 5600 | Resistor - 560Ω±1% 1/10W        | 93 - 190           |
| 1654 5601 | Resistor - 5.6KΩ±1% 1/10W       | 99 - 242           |
| 1654 6201 | Resistor - 6.2KΩ ±1% 1/10W      | 99 - 243           |
| 1654 6800 | Resistor - 680 Ω ±1% 1/10W      | 85 - 263           |
| 1654 6801 | Resistor - 6.8KΩ±1% 1/10W       | 99 - 244           |
| 1654 7501 | Resistor - 7.5KΩ±1%1/10W-1608   | 99 - 245           |
| 1654 9100 | Resistor:910 Ω:±1%:1/10W:1608   | 99 - 246           |
| 1654 9100 | Resistor:910 Ω:±1%:1/10W:1608   | 93 - 191           |
| 1655 0000 | Chip Resistor - 0Ω±0%1/16W      | 85 - 264           |
| 1655 1000 | Chip Resistor:100Ω:±1%:1/16W    | 85 - 265           |
| 1655 1001 | Chip Resistor - 1KΩ ±1% 1/16W   | 99 - 247           |
| 1655 1002 | Chip Resistor - 10KΩ±1%1/16W    | 99 - 248           |
| 1655 1002 | Chip Resistor - 10KΩ±1%1/16W    | 85 - 266           |
| 1655 1003 | Chip Resistor - 100KΩ±1%1/16W   | 85 - 267           |
| 1655 1009 | Resistor - 10Ω ±1% 1/16W        | 85 - 268           |
| 1655 1109 | Resistor:11 Ω:±1%:1/16W:1005    | 85 - 269           |
| 1655 1132 | Resistor:11.3K Ω:±1%:1/16W:1005 | 85 - 270           |
| 1655 1200 | Resistor - 120 Ω ±1% 1/16W      | 85 - 271           |
| 1655 1242 | Resistor:12.4K Ω:±1%:1/16W:1005 | 85 - 272           |
| 1655 1501 | Chip Resistor 1.5KΩ ±1% 1/16W   | 85 - 273           |
| 1655 1502 | Resistor - 15KΩ ±1% 1/16W       | 85 - 274           |
| 1655 1601 | Resistor:1.6K Ω:±1%:1/16W:1005  | 85 - 275           |
| 1655 1651 | Resistor:1.65K Ω:±1%:1/16W:1005 | 85 - 276           |
| 1655 2002 | Chip Resistor - 20KΩ±1%1/16W    | 99 - 249           |
| 1655 2200 | Resistor - 220Ω ±1% 1/16W       | 85 - 277           |
| 1655 2201 | Resistor:2.2K Ω:±1%:1/16W:1005  | 85 - 278           |

| Part No.  | Description                       | Page and Index No. |
|-----------|-----------------------------------|--------------------|
| 1655 2209 | Resistor - 22Ω ±1% 1/16W          | 85 - 279           |
| 1655 2402 | Resistor - 24KΩ ±1% 1/16W         | 99 - 250           |
| 1655 2552 | Resistor:25.5K Ω:±1%:1/16W:1005   | 85 - 280           |
| 1655 3012 | Resistor:30.1K Ω:±1%:1/16W:1005   | 85 - 281           |
| 1655 3309 | Resistor - 33Ω ±1% 1/16W          | 85 - 282           |
| 1655 3902 | Resistor:39K Ω:±1%:1/16W:1005     | 99 - 251           |
| 1655 3909 | Resistor 39Ω ±1% 1/16W            | 85 - 283           |
| 1655 4700 | Resistor - 470Ω ±1% 1/16W         | 85 - 284           |
| 1655 4701 | Chip Resistor - 4.7KΩ±1%1/16W     | 99 - 252           |
| 1655 4701 | Chip Resistor - 4.7KΩ±1%1/16W     | 85 - 285           |
| 1655 4702 | Chip Resistor:47KΩ:±1%:1/16W:1005 | 85 - 286           |
| 1655 4709 | Resistor - 47Ω ±1% 1/16W          | 85 - 287           |
| 1655 4871 | Resistor:4.87K Ω:±1%:1/16W:1005   | 85 - 288           |
| 1655 4999 | Resistor - 49.9Ω ±1% 1/16W        | 85 - 289           |
| 1655 5103 | Resistor:510K Ω:±1%:1/16W:1005    | 85 - 290           |
| 1655 5600 | Resistor - 560Ω ±1% 1/16W         | 85 - 291           |
| 1655 5601 | Resistor - 5.6KΩ ±1% 1/16W        | 85 - 292           |
| 1655 5609 | Resistor - 56Ω ±1% 1/16W          | 85 - 293           |
| 1655 5621 | Resistor - 5.62KΩ ±1% 1/16W       | 99 - 253           |
| 1655 6809 | Chip Resistor - 68Ω±1%1/16W       | 85 - 294           |
| 1655 9101 | Resistor - 9.1K Ω ±1% 1/16W       | 85 - 295           |
| 1660 2101 | Capacitor - 100pF - ±10% - 50V    | 85 - 296           |
| 1660 2101 | Capacitor - 100pF - ±10% - 50V    | 93 - 192           |
| 1660 2120 | Capacitor - 12 pF ±5% 50V         | 99 - 254           |
| 1660 2120 | Capacitor - 12 pF ±5% 50V         | 93 - 193           |
| 1660 2150 | Capacitor - 15pF ±5% 50V          | 99 - 255           |
| 1660 2150 | Capacitor - 15pF ±5% 50V          | 93 - 194           |
| 1660 2181 | Capacitor - 180pF ±5% 50V         | 93 - 195           |
| 1660 2330 | Capacitor - 33pF - ±5% - 50V      | 99 - 256           |
| 1660 2330 | Capacitor - 33pF - ±5% - 50V      | 93 - 196           |
| 1660 2470 | Capacitor - 47pF ±5% 50V          | 93 - 197           |
| 1660 2470 | Capacitor - 47pF ±5% 50V          | 99 - 257           |
| 1660 2471 | Capacitor - 470pF - ±5% - 50V     | 99 - 258           |
| 1660 2471 | Capacitor - 470pF - ±5% - 50V     | 85 - 297           |
| 1660 2560 | Capacitor - 56pF ±5% 50V          | 93 - 198           |

| Part No.  | Description                            | Page and Index No. |
|-----------|----------------------------------------|--------------------|
| 1660 4102 | Capacitor - 1000pF $\pm 10\%$ 50V      | 93 - 199           |
| 1660 4102 | Capacitor - 1000pF $\pm 10\%$ 50V      | 99 - 259           |
| 1660 4103 | Capacitor - 10000pF - $\pm 10\%$ - 50V | 93 - 200           |
| 1660 4103 | Capacitor - 10000pF - $\pm 10\%$ - 50V | 99 - 260           |
| 1660 4103 | Capacitor - 10000pF - $\pm 10\%$ - 50V | 85 - 298           |
| 1660 4222 | Capacitor - 2200pF - $\pm 10\%$ - 50V  | 99 - 261           |
| 1660 4472 | Capacitor - 4700pF $\pm 10\%$ 50V      | 93 - 201           |
| 1660 4472 | Capacitor - 4700pF $\pm 10\%$ 50V      | 99 - 262           |
| 1660 6103 | Capacitor - 10000pF - +80%-20%50V      | 99 - 263           |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V    | 93 - 202           |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V    | 85 - 299           |
| 1660 8104 | Capacitor - 0.1 $\mu$ F +80-20% 25V    | 99 - 264           |
| 1902 0084 | SRAM:4M:x16:TSOP44Type2:3.3V           | 93 - 203           |
| 1906 0101 | Flash Memory:S29GL032A90TFIR40         | 93 - 204           |
| 1906 0117 | Flash Memory:S29GL032A90TFIR20         | 85 - 300           |
| 1906 0120 | NAND Flash:1G:X8:30NS:3.3V:2K          | 85 - 301           |
| 1907 0077 | DDR512M:8Mx16x4:333MHZ:CL2.5G3         | 85 - 302           |

| Part No.  | Description          | Page and Index No. |
|-----------|----------------------|--------------------|
| 5203 1852 | Bushing - 6x8x4mm    | 29 - 36            |
| 5203 9502 | Silicon Grease G-501 | 107 - 7            |
| 5206 2684 | Shoulder Screw - M3  | 51 - 11            |
| 5206 2684 | Shoulder Screw - M3  | 53 - 9             |
| 5206 2686 | Snap Ring            | 17 - 36            |
| 5206 2686 | Snap Ring            | 27 - 31            |
| 5447 2681 | Snap Ring            | 61 - 14            |