

Model AP-P1d  
(G133)  
PARTS CATALOG

First edition, September 2006

Ricoh Company, LTD.

**Model AP-P1d (G133)**

**PARTS CATALOG**

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

|                  |        |
|------------------|--------|
| Model AP-P1d     | (G133) |
| Tray Unit TK3000 | (G832) |

Model AP-P1d (G133)

## Model AP-P1d (G133)

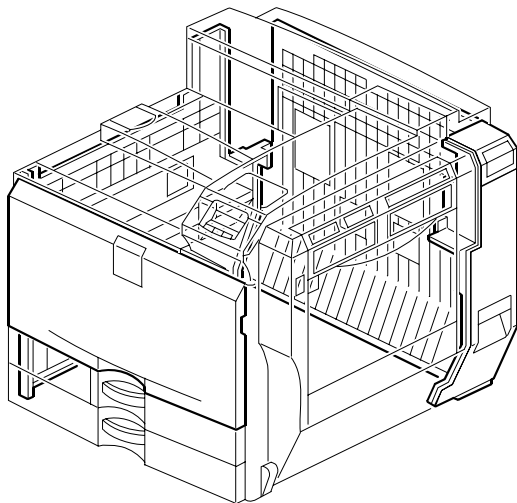
### PARTS CATALOG

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

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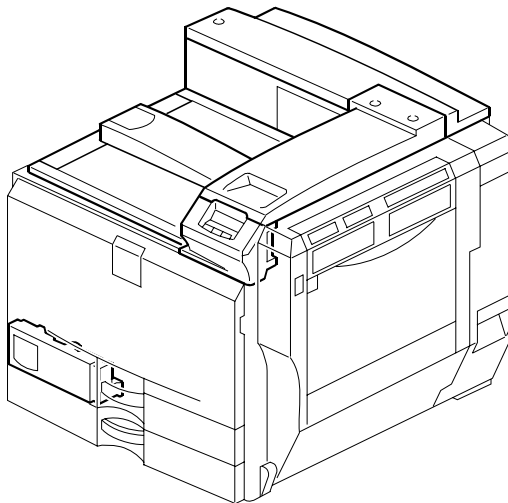
## LOCATIONS OF UNITS

1. Exterior 1 (G133)



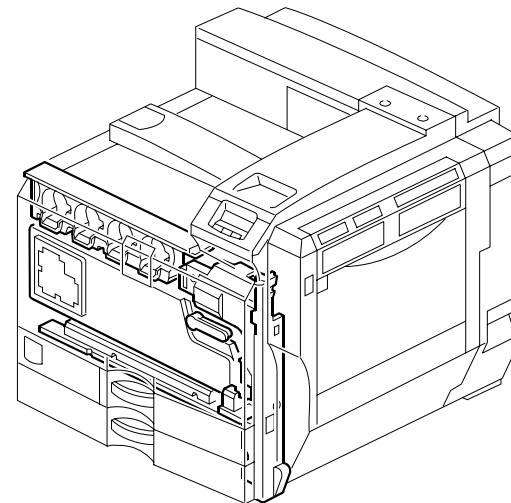
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2. Exterior 2 (G133)



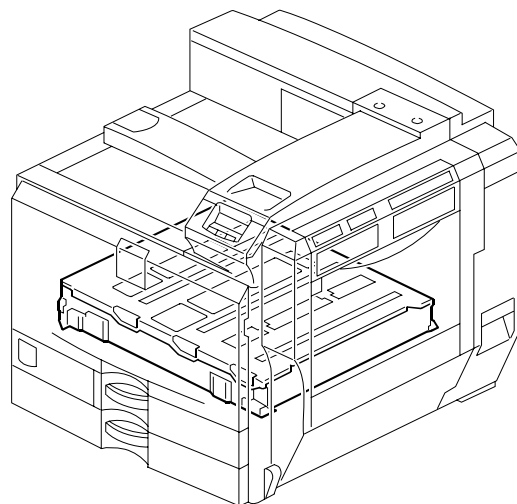
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3. Exterior 3 (G133)



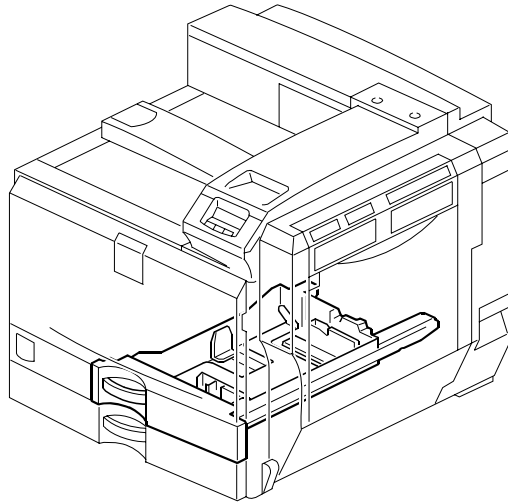
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4. LD unit (G133)



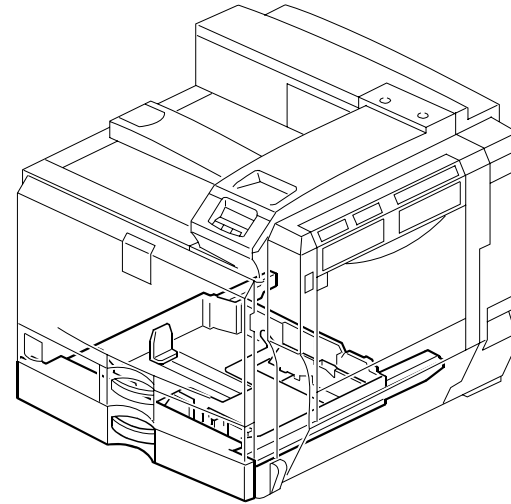
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5. 1st Paper Tray (G133)



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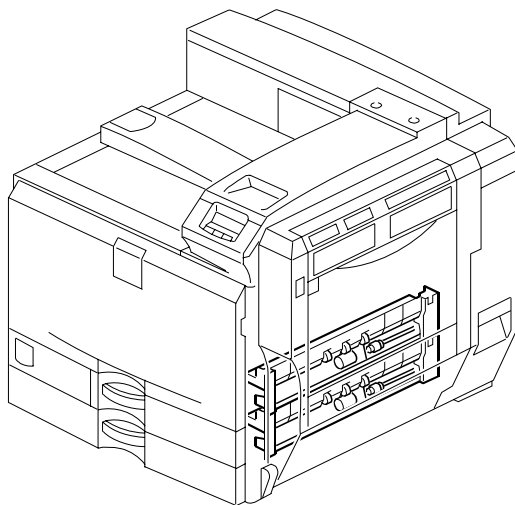
6. 2nd Paper Tray (G133)



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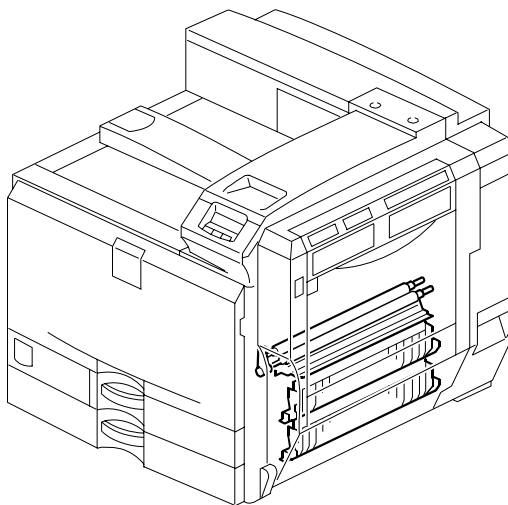
## LOCATIONS OF UNITS

7. Paper Feed Section (G133)



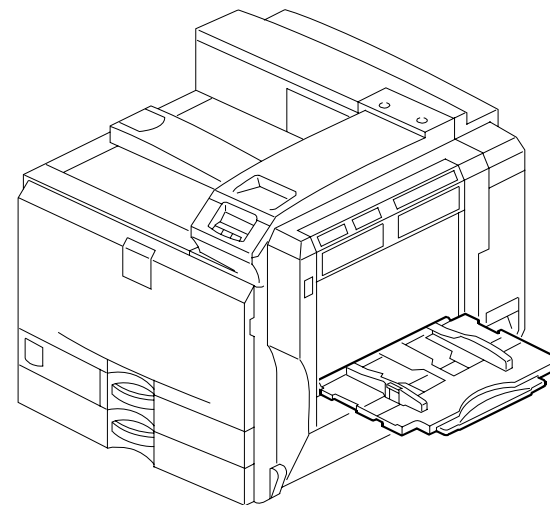
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8. Paper Registration (G133)



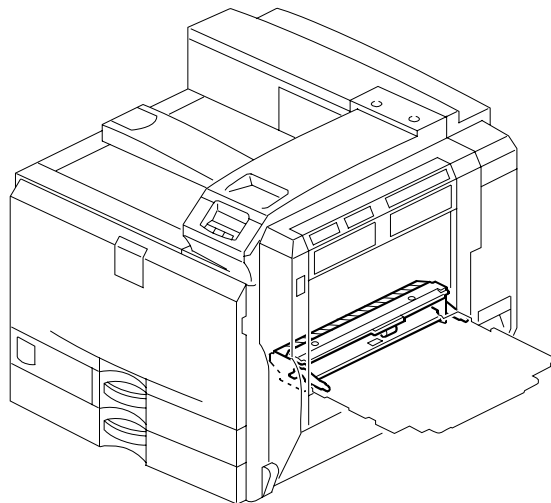
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9. By-pass Feed Section 1 (G133)



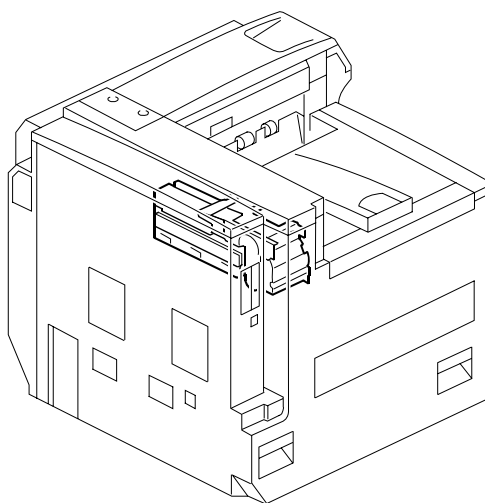
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10. By-pass Feed Section 2 (G133)



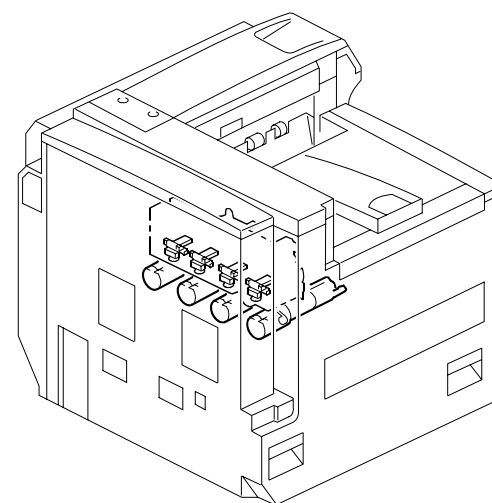
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11. Toner Supply Unit 1 (G133)



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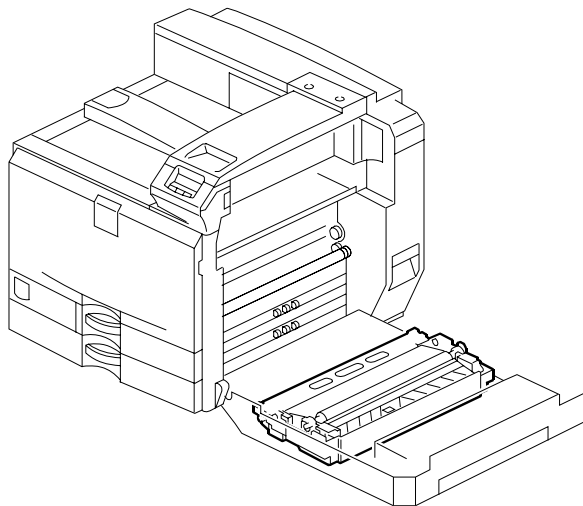
12. Toner Supply Unit 2 (G133)



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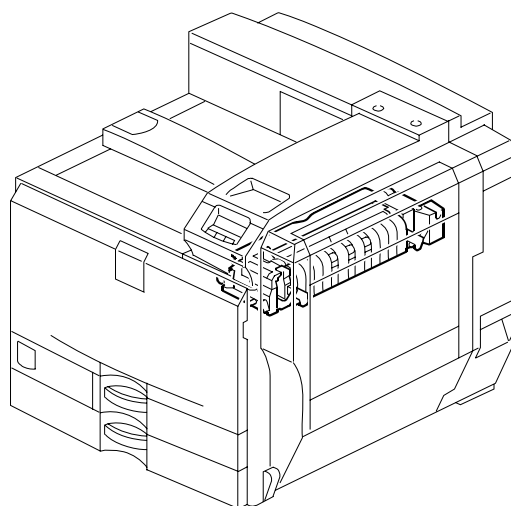
## LOCATIONS OF UNITS

13. Paper Separation (G133)



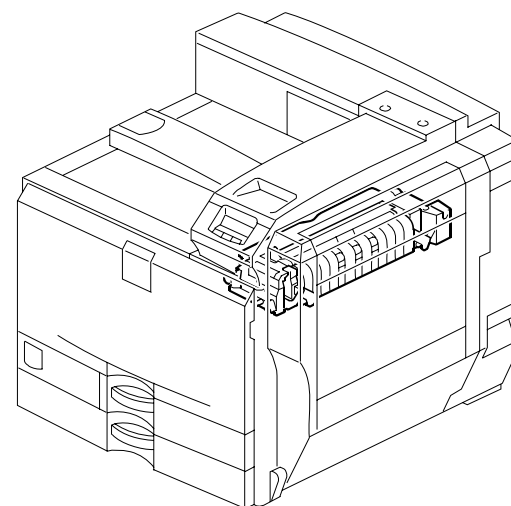
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14. Fusing unit 1 (G133)



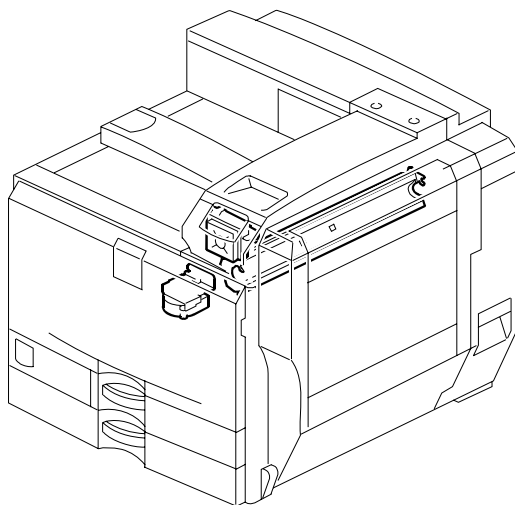
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15. Fusing unit 2 (G133)



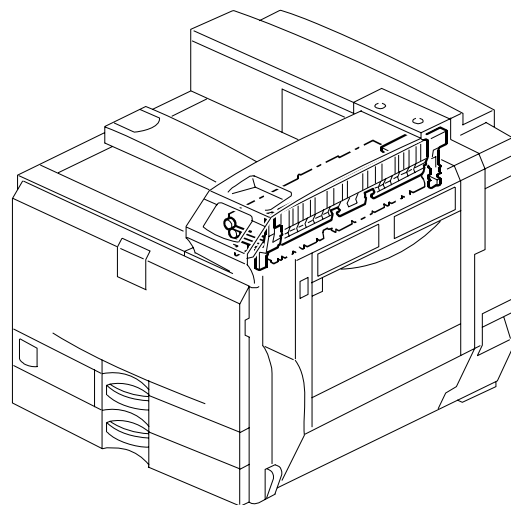
See Page 39

16. Fusing unit 3 (G133)



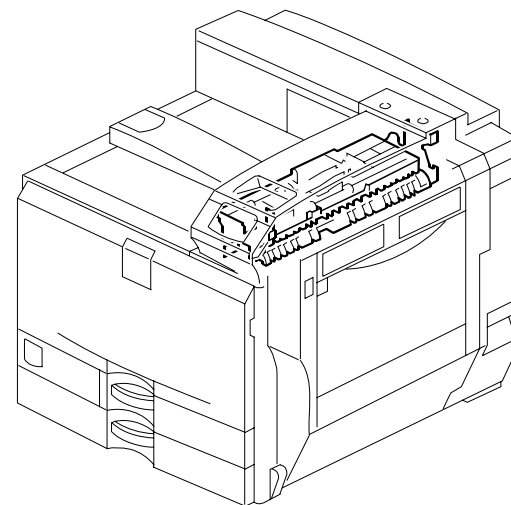
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17. Paper Exit Section 1 (G133)



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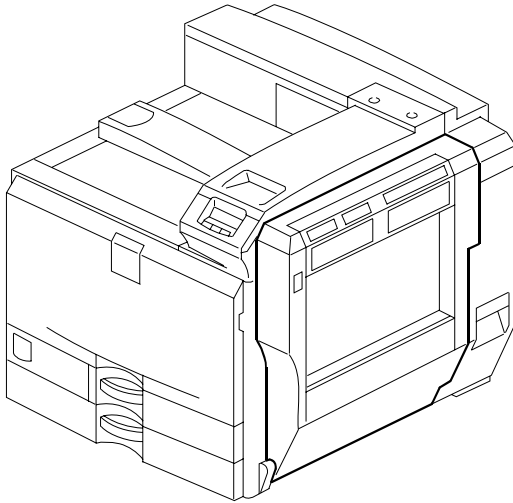
18. Paper Exit Section 2 (G133)



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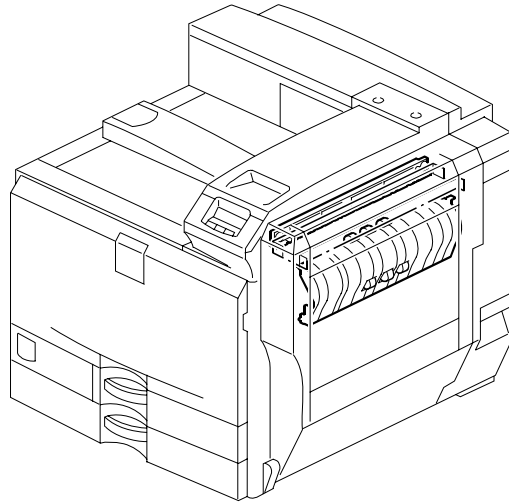
## LOCATIONS OF UNITS

19. Duplex Unit 1 (G133)



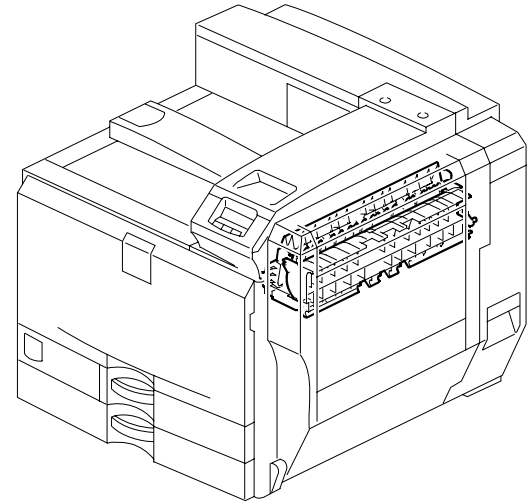
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20. Duplex Unit 2 (G133)



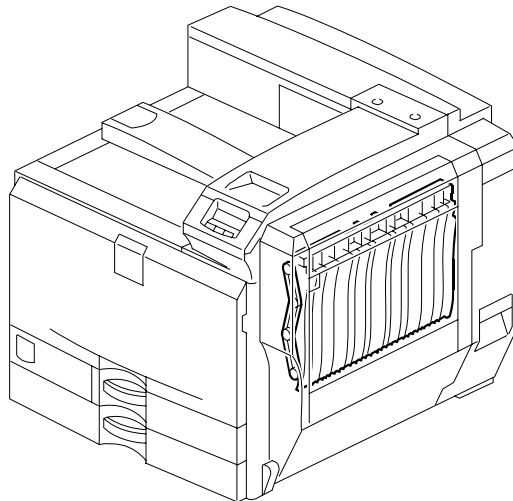
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21. Duplex Unit 3 (G133)



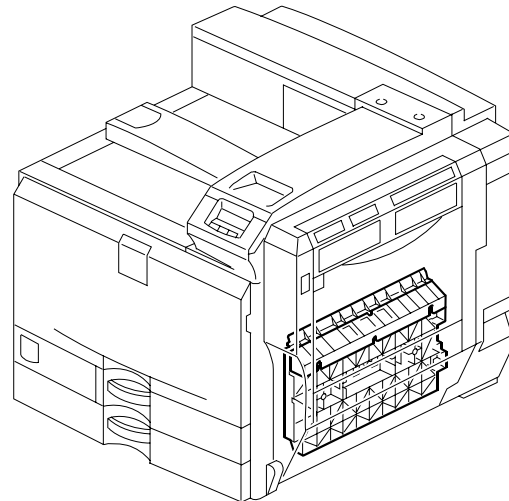
See Page 51

22. Duplex Unit 4 (G133)



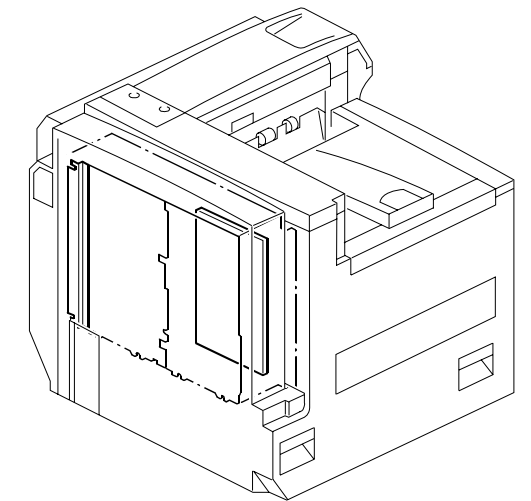
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23. Duplex Unit 5 (G133)



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24. Electrical Section 1 (G133)

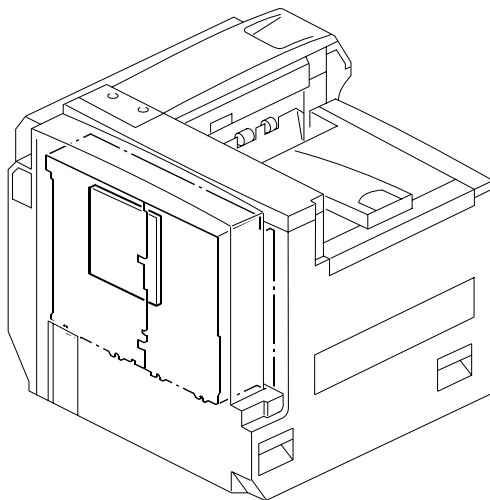


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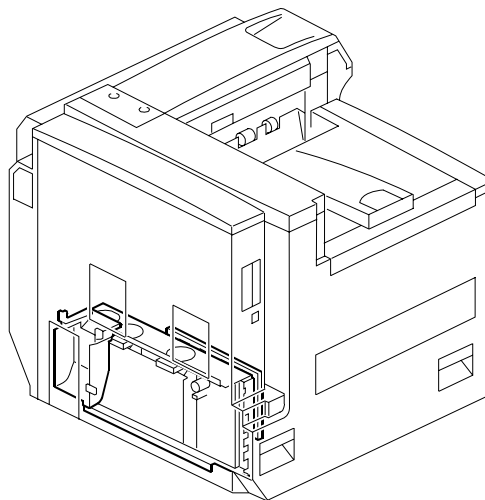
## LOCATIONS OF UNITS

25. Electrical Section 2 (G133)



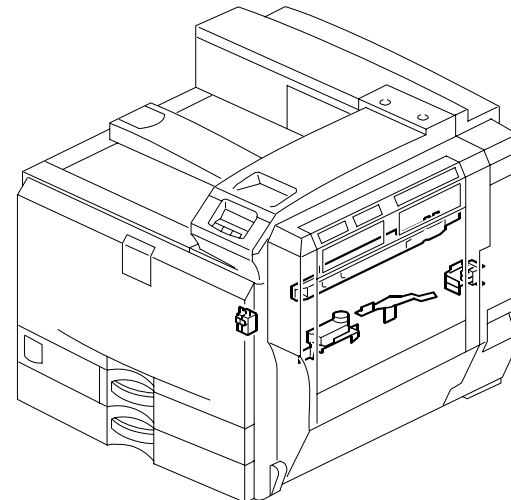
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26. Electrical Section 3 (G133)



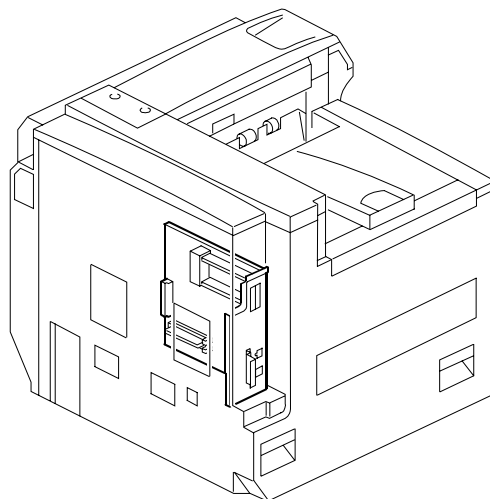
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27. Electrical Section 4 (G133)



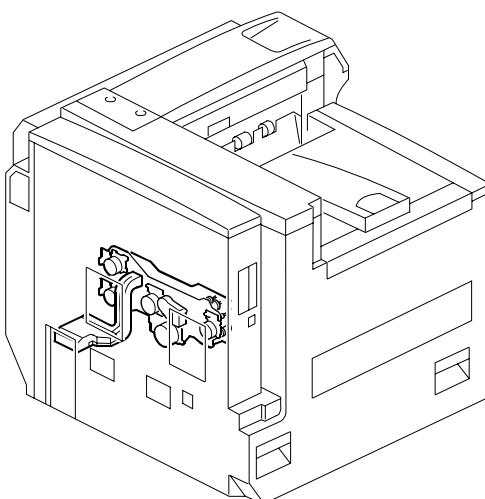
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28. Electrical Section 5 (G133)



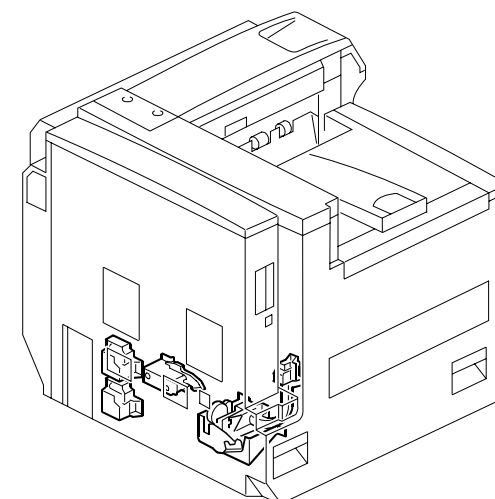
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29. Drive Section 1 (G133)



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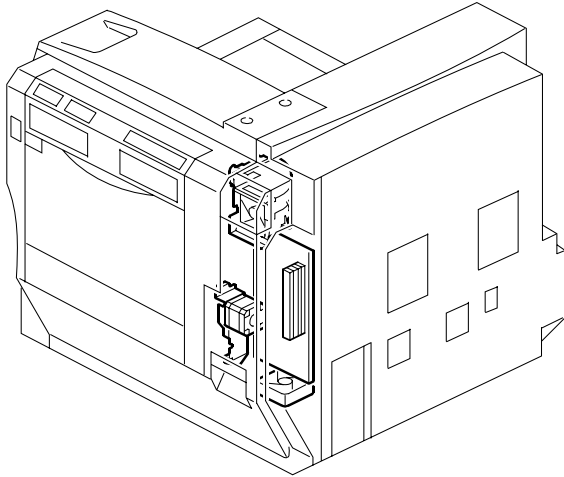
30. Drive Section 2 (G133)



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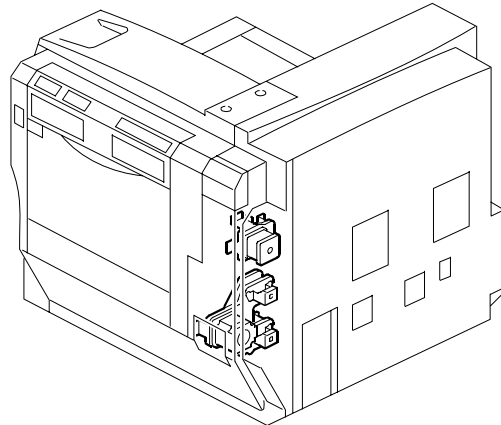
## LOCATIONS OF UNITS

31. Drive Section 3 (G133)



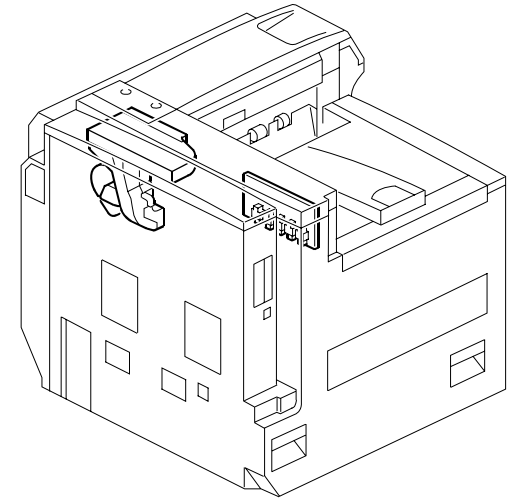
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32. Drive Section 4 (G133)



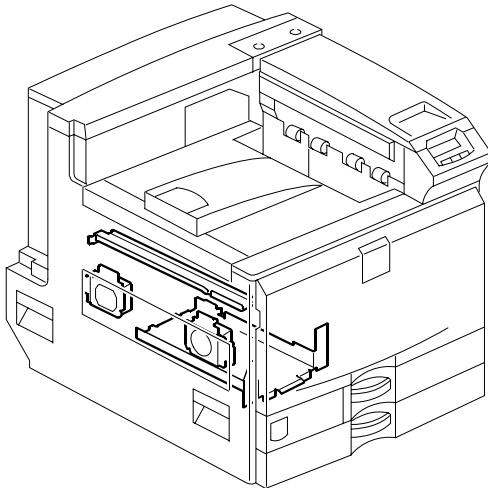
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33. Drive Section 5 (G133)



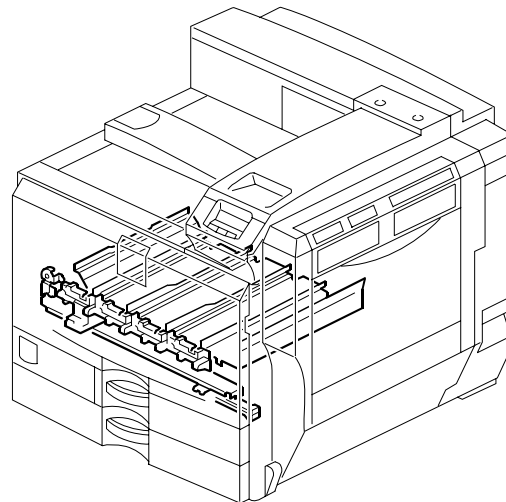
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34. Frame Section 1 (G133)



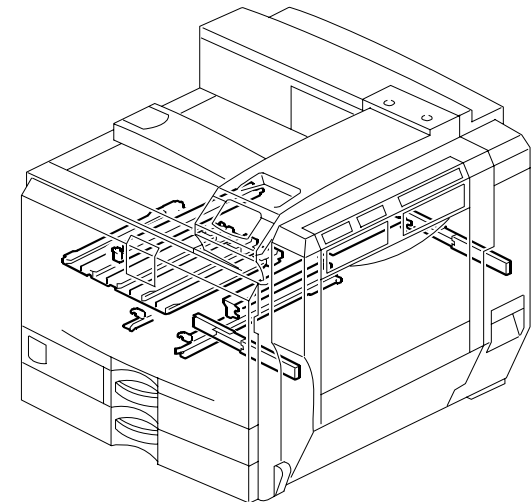
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35. Frame Section 2 (G133)



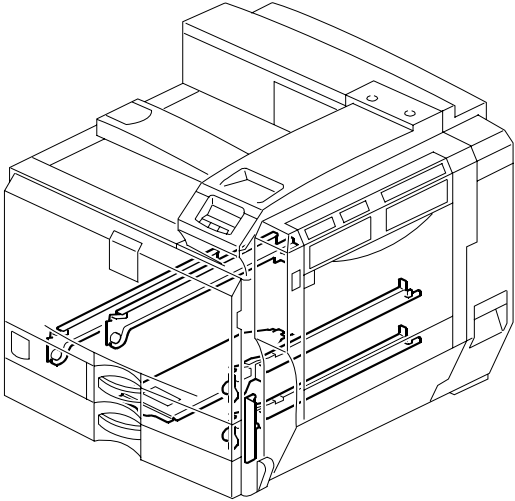
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36. Frame Section 3 (G133)



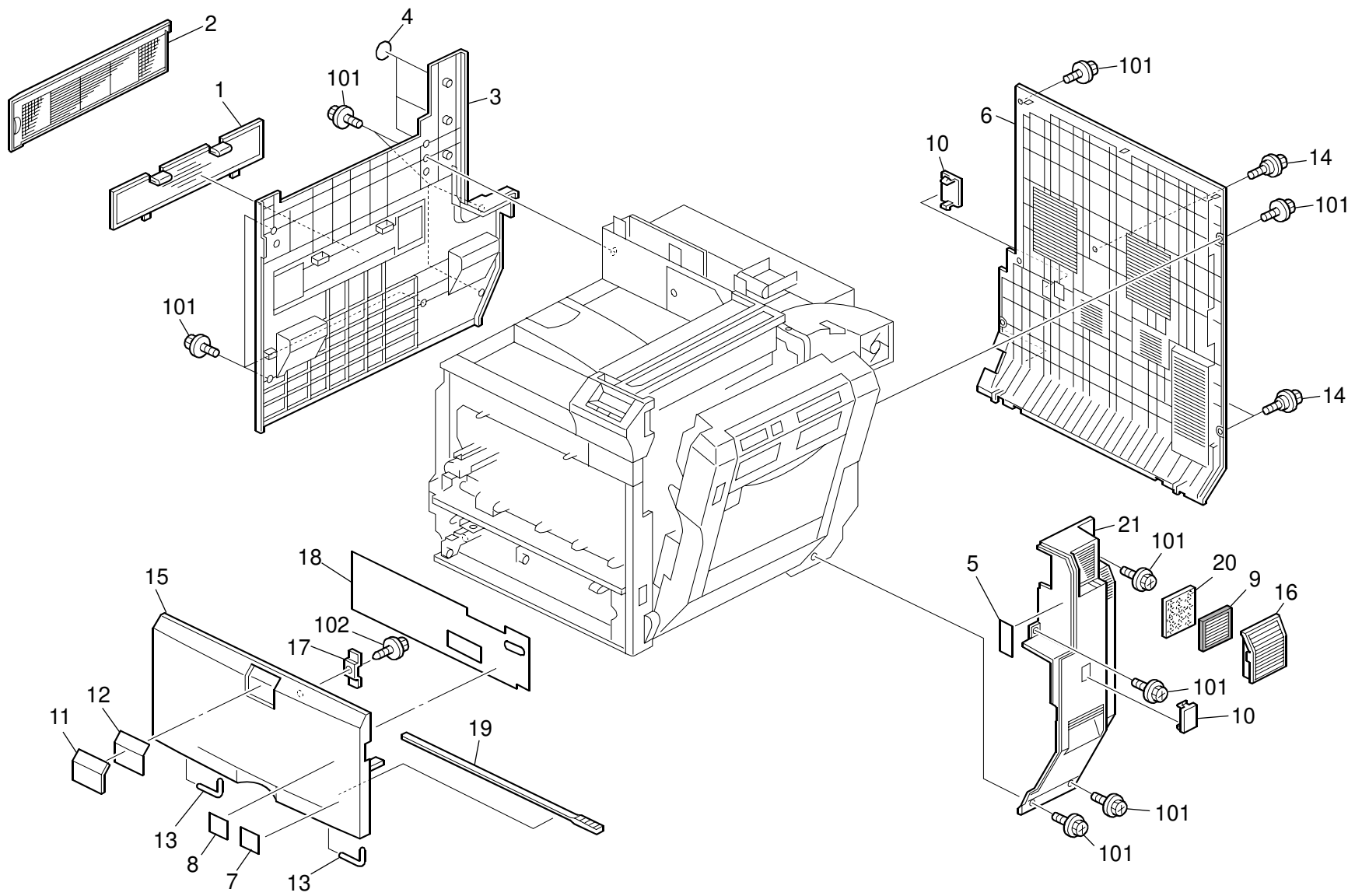
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**LOCATIONS OF UNITS**

|                                                                                                                                        |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <p>37. Frame Section 4 (G133)</p>  <p>See Page 83</p> |  |  |
|                                                                                                                                        |  |  |



## 1.Exterior 1 (G133)

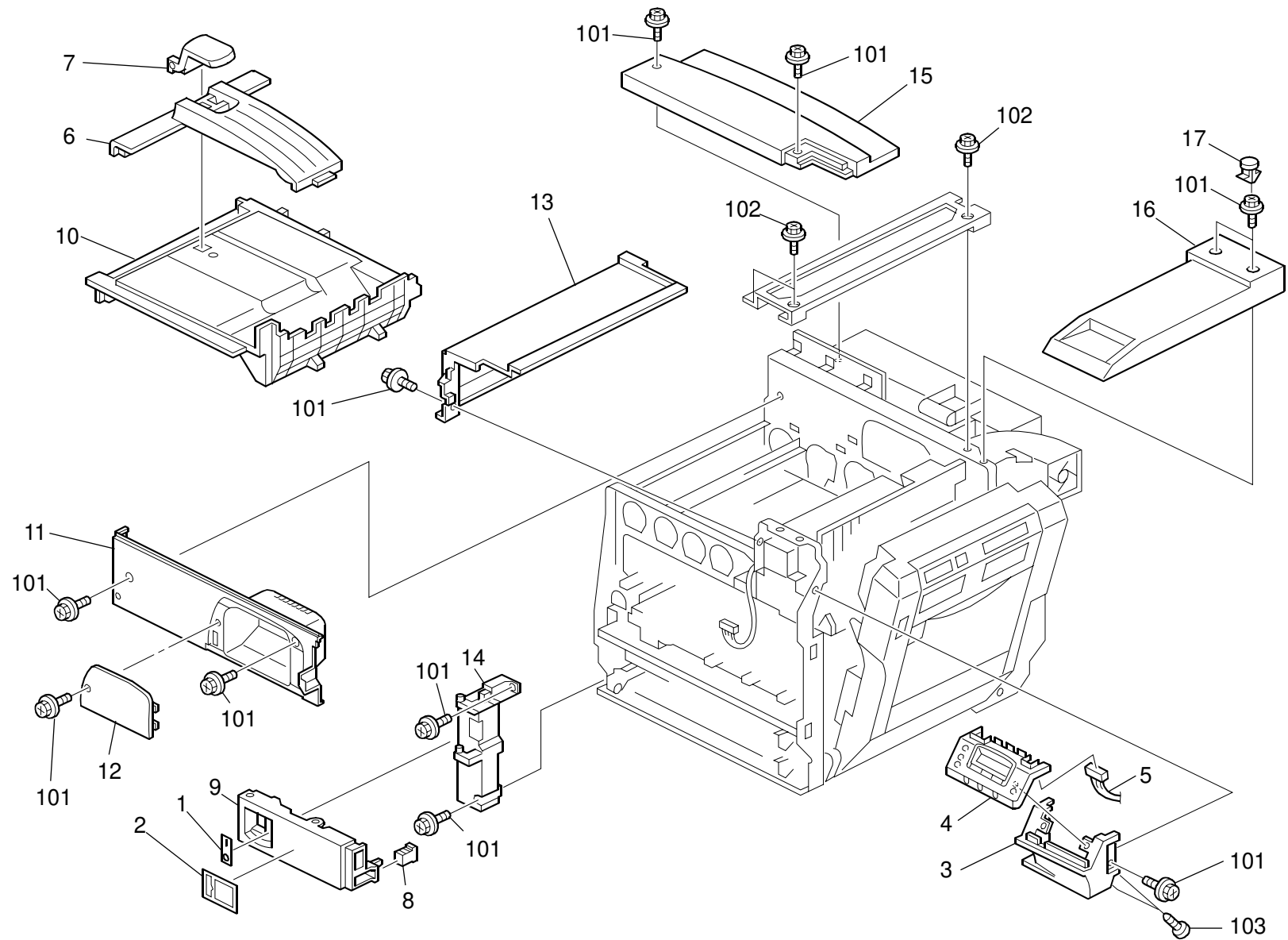


## 1.Exterior 1 (G133)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | G133 1283 | Cover:Left:Middle:P            | 1                 |
| 2         | G133 1280 | Cover:Left:Middle:Filter:Ass'y | 1                 |
| 3         | B223 1281 | Cover:Left                     | 1                 |
| 3         | B222 1281 | Cover:Left:EU                  | 1                 |
| 4         | G133 1285 | Decal:Cover:Left:Guide Plate   | 3                 |
| 5         | B223 4392 | Decal:Set:Fusing Unit          | 1                 |
| 6         | B223 1291 | Cover:Rear                     | 1                 |
| 6         | B222 1291 | Cover:Rear:EU                  | 1                 |
| 7         | GA00 3144 | Decal:PDF Direct               | 1                 |
| 8         | GA00 3175 | Decal:PS3:Clear                | 1                 |
| 9         | G133 1295 | Ozone Filter:No.1              | 1                 |
| 10        | B223 1293 | Cap:Cover:Rear                 | 2                 |
| 11        | B223 1253 | Emblem Cover                   | 1                 |
| 12        | G133 8331 | Sheet:Emblem:RIC               | 1                 |
| 12        | G133 8332 | Sheet:Emblem:SVN               | 1                 |
| 12        | G133 8333 | Sheet:Emblem:GES:NA            | 1                 |
| 12        | G133 8334 | Sheet:Emblem:LAN:NA            | 1                 |
| 12        | G133 8335 | Sheet:Emblem:INF               | 1                 |
| 12        | G133 8336 | Sheet:Emblem:NSA               | 1                 |
| 12        | G133 8337 | Sheet:Emblem:REX               | 1                 |
| 12        | G133 8338 | Sheet:Emblem:GES               | 1                 |
| 12        | G133 8339 | Sheet:Emblem:LAN:EU            | 1                 |
| 13        | G020 1332 | Hinge - Front Cover            | 2                 |
| 14        | AA14 3823 | Tapping Screw                  | 4                 |
| 15        | B224 1251 | Cover:Front:EU                 | 1                 |
| 16        | B223 1274 | Cover:Right Rear:Fan           | 1                 |
| 17        | B024 1264 | Magnet Catch                   | 1                 |
| 18        | G133 1256 | Sheet:Misfeed Removal:P1       | 1                 |
| 19        | B223 1279 | Cleaner:Shield Glass:Ass'y     | 1                 |
| 20        | B223 1276 | Filter:Right Rear              | 1                 |
| 21        | B223 1272 | Cover:Right:Rear               | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw:3X8     |                   |
| 102       | 0450 3010N | Tapping Screw - M3x10 |                   |

## 2.Exterior 2 (G133)



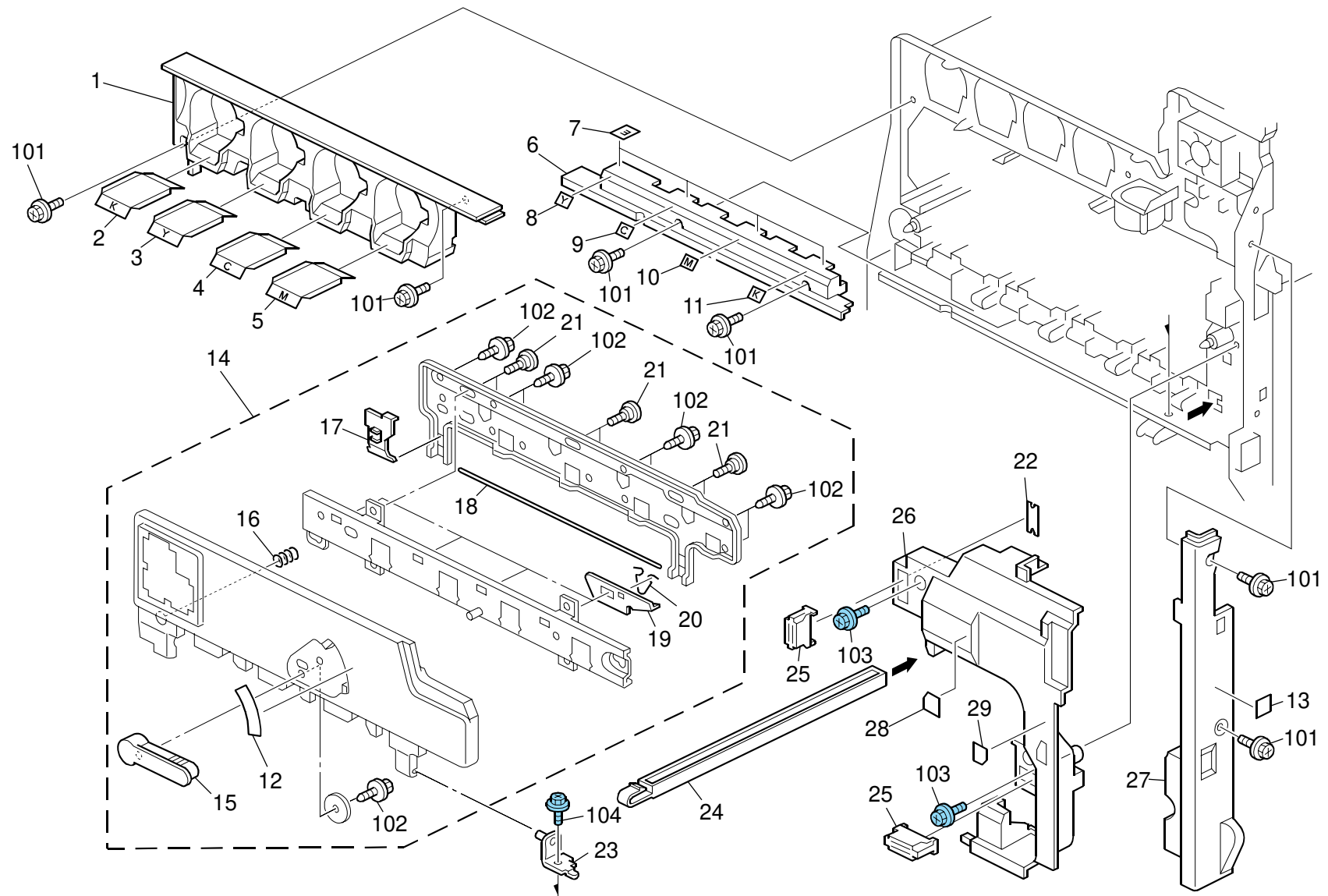
## 2.Exterior 2 (G133)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | B238 1372 | Decal - Main Switch(on-off)    | 1                 |
| 2         | GA00 3167 | Decal:Caution:Inkjet:NA        | 1                 |
| 3         | G133 1274 | Cover:Front Right:P:EU         | 1                 |
| 3         | B222 1271 | Cover:Right:Front:EU           | 1                 |
| 4         | G133 1405 | Operation Panel Unit           | 1                 |
| 5         | G146 5740 | Harness:Operation Panel        | 1                 |
| 6         | B223 4486 | Exit Tray                      | 1                 |
| 7         | B223 4487 | Exit End Fence                 | 1                 |
| 8         | AA02 1030 | Magnet Catch                   | 1                 |
| 9         | B223 1254 | Collection Bottlecover - Front | 1                 |
| 10        | B223 1260 | Cover:Upper                    | 1                 |
| 11        | G133 1261 | Cover:Inner Back:P             | 1                 |
| 12        | G133 1263 | Cover:Inner Back:Middle:P      | 1                 |
| 13        | G133 1266 | Cover:Paper Exit Unit:Upper    | 1                 |
| 14        | B223 1242 | Inner Cover - Left             | 1                 |
| 15        | G133 1267 | Cover:Upper:Rear               | 1                 |
| 16        | G133 1268 | Cover:Upper:Right              | 1                 |
| 17        | G133 1269 | Cap:Dia17                      | 2                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw:3X8    |                   |
| 102       | 0451 3006N | Tapping Screw:3X6    |                   |
| 103       | 0452 3008N | Tapping Screw - M3x8 |                   |



### 3.Exterior 3 (G133)

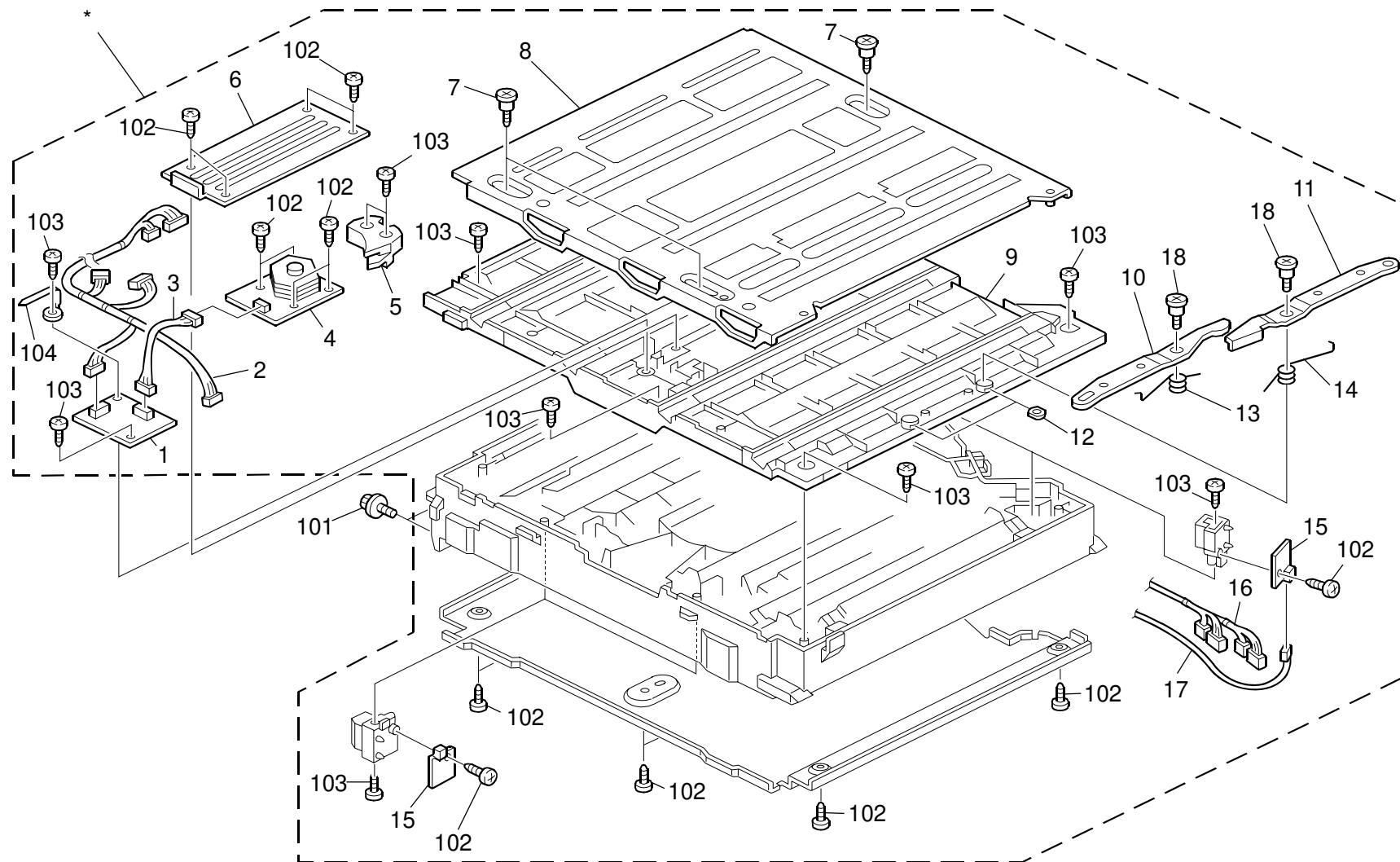


### 3.Exterior 3 (G133)

| Index No. | Part No.  | Description                          | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------|-------------------|
| 1         | B223 1241 | Inner Cover:Upper:Left               | 1                 |
| 1         | B222 1241 | Inner Cover:Upper:Left:EU            | 1                 |
| 2         | B238 3364 | Decal:Colored Display:BK:Inner Cover | 1                 |
| 3         | B238 3365 | Decal:Colored Display:Y:Inner Cover  | 1                 |
| 4         | B238 3366 | Decal:Colored Display:C:Inner Cover  | 1                 |
| 5         | B238 3367 | Decal:Colored Display:M:Inner Cover  | 1                 |
| 6         | B223 1244 | Inner Cover - Middle                 | 1                 |
| 7         | B238 1368 | Decal - Cleaning                     | 4                 |
| 8         | GA00 3030 | Decal - Shielding Plate Y            | 1                 |
| 9         | GA00 3032 | Decal - Shielding Plate C            | 1                 |
| 10        | GA00 3031 | Decal - Shielding Plate M            | 1                 |
| 11        | GA00 3033 | Decal - Shielding Plate K            | 1                 |
| 12        | G133 1311 | Decal:Drum Stay:Lever                | 1                 |
| 13        | B238 1362 | Decal - Misfeed Removal B1           | 1                 |
| 14        | G133 1300 | Drum Stay:PCU                        | 1                 |
| 15        | G133 1303 | Lever:Drum Stay:PCU                  | 1                 |
| 16        | B223 1318 | Spring                               | 1                 |
| 17        | B223 1306 | Drum Stay                            | 1                 |
| 18        | B223 1319 | Wire                                 | 1                 |
| 19        | B223 1315 | Ball Bearing Plate                   | 4                 |
| 20        | B223 1316 | Ball Bearing Clip                    | 4                 |
| 21        | B223 1317 | Screw:Lever:Drum Stay                | 6                 |
| 22        | B223 1249 | Stopper:Magnet Catch                 | 1                 |
| 23        | B223 1123 | Hinge - Cover Drum Stay              | 1                 |
| 24        | B238 2615 | Case - Remove Paper Dust             | 1                 |
| 25        | AG07 1012 | Magnet Catch:Ass'y                   | 2                 |
| 26        | B223 1243 | Inner Cover:Upper:Right              | 1                 |
| 27        | B223 1271 | Cover:Right:Front                    | 1                 |
| 27        | B222 1271 | Cover:Right:Front:EU                 | 1                 |
| 28        | G133 1244 | Decal:Intermediate Transfer:Release  | 1                 |
| 29        | G133 1245 | Decal:Intermediate Transfer:Lock     | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw:3X8     |                   |
| 102       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 103       | 0454 3008Q | Tapping Screw:3x8     |                   |
| 104       | 0454 3006Q | Tapping Screw::3X6    |                   |

## 4.LD unit (G133)

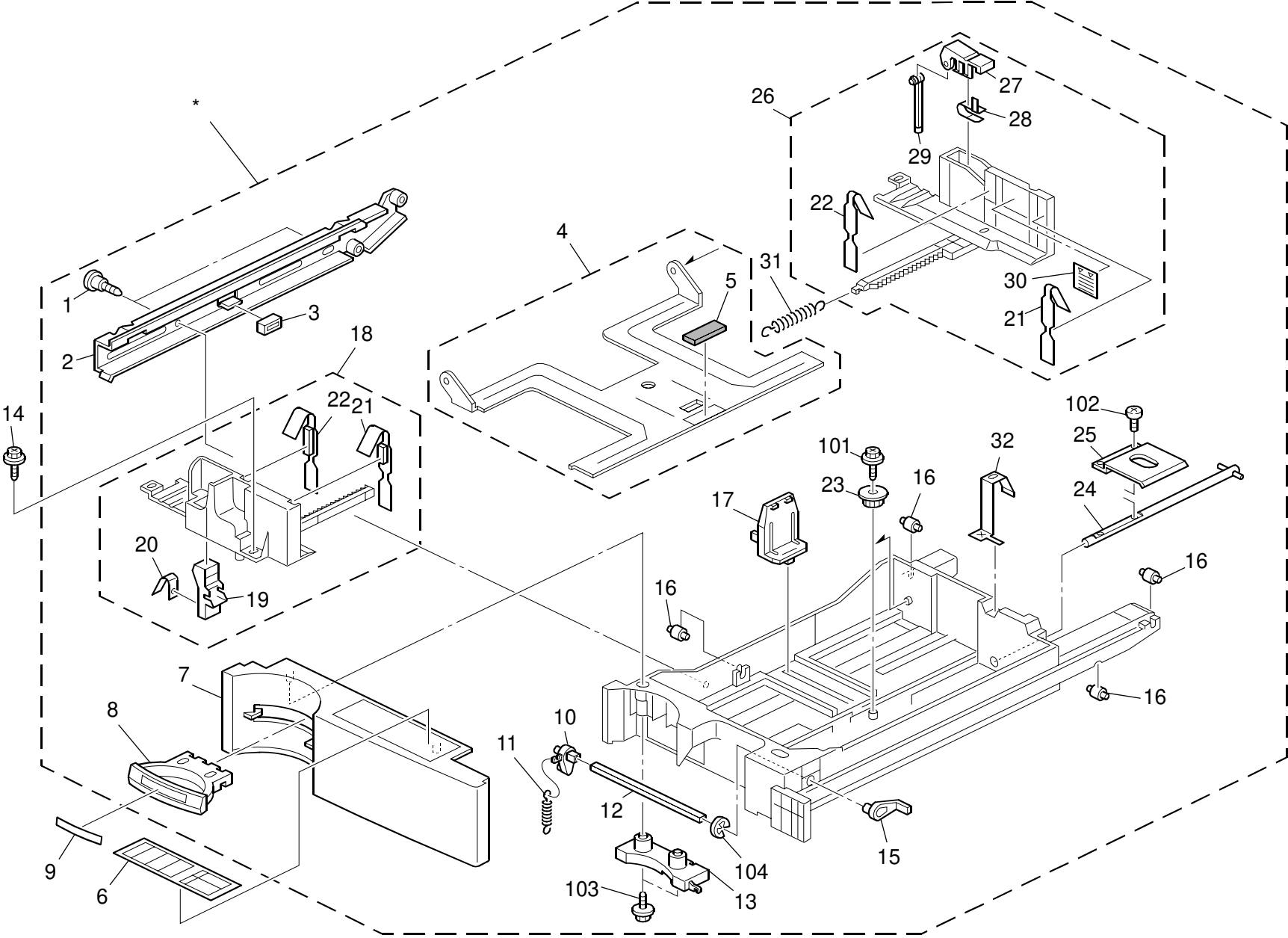


#### 4.LD unit (G133)

| Index No. | Part No.  | Description                                       | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------------|-------------------|
| *         | B223 1851 | Image Forming Section:<br>Service Papts:2LD:Ass'y | 1                 |
| 1         | B180 5445 | Polygon Mirror Motor Board                        | 1                 |
| 2         | B223 5241 | Harness:Polygon Mirror Motor                      | 1                 |
| 3         | B223 5243 | Harness:Motor:Driver                              | 1                 |
| 4         | AX06 0286 | Polygon Mirror Motor                              | 1                 |
| 5         | B223 1903 | Louver                                            | 1                 |
| 6         | B223 1882 | Cover - Polygon Motor                             | 1                 |
| 7         | B223 1907 | Screw                                             | 3                 |
| 8         | B223 1885 | Shutter Ass'y                                     | 1                 |
| 9         | B223 1881 | Cover - Upper                                     | 1                 |
| 10        | B223 1909 | Link:Shutter:2                                    | 1                 |
| 11        | B223 1908 | Link:Shutter:1                                    | 1                 |
| 12        | B223 1989 | Plate Nut:Link                                    | 2                 |
| 13        | B223 1914 | Torsion Spring:Link:2                             | 1                 |
| 14        | B223 1913 | Torsion Spring:Link:1                             | 1                 |
| 15        | B238 5144 | PCB Sync Detector                                 | 4                 |
| 16        | B223 5235 | Harness:Ldb:2LD                                   | 1                 |
| 17        | B223 5239 | Harness:Sync Detector                             | 1                 |
| 18        | B223 1988 | Screw:Link:Shutter                                | 2                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw:3X8               |                   |
| 102       | 0452 3008N | Tapping Screw - M3x8            |                   |
| 103       | 0452 3010N | Binding Self-tapping Screw:3x10 |                   |

5.1st Paper Tray (G133)



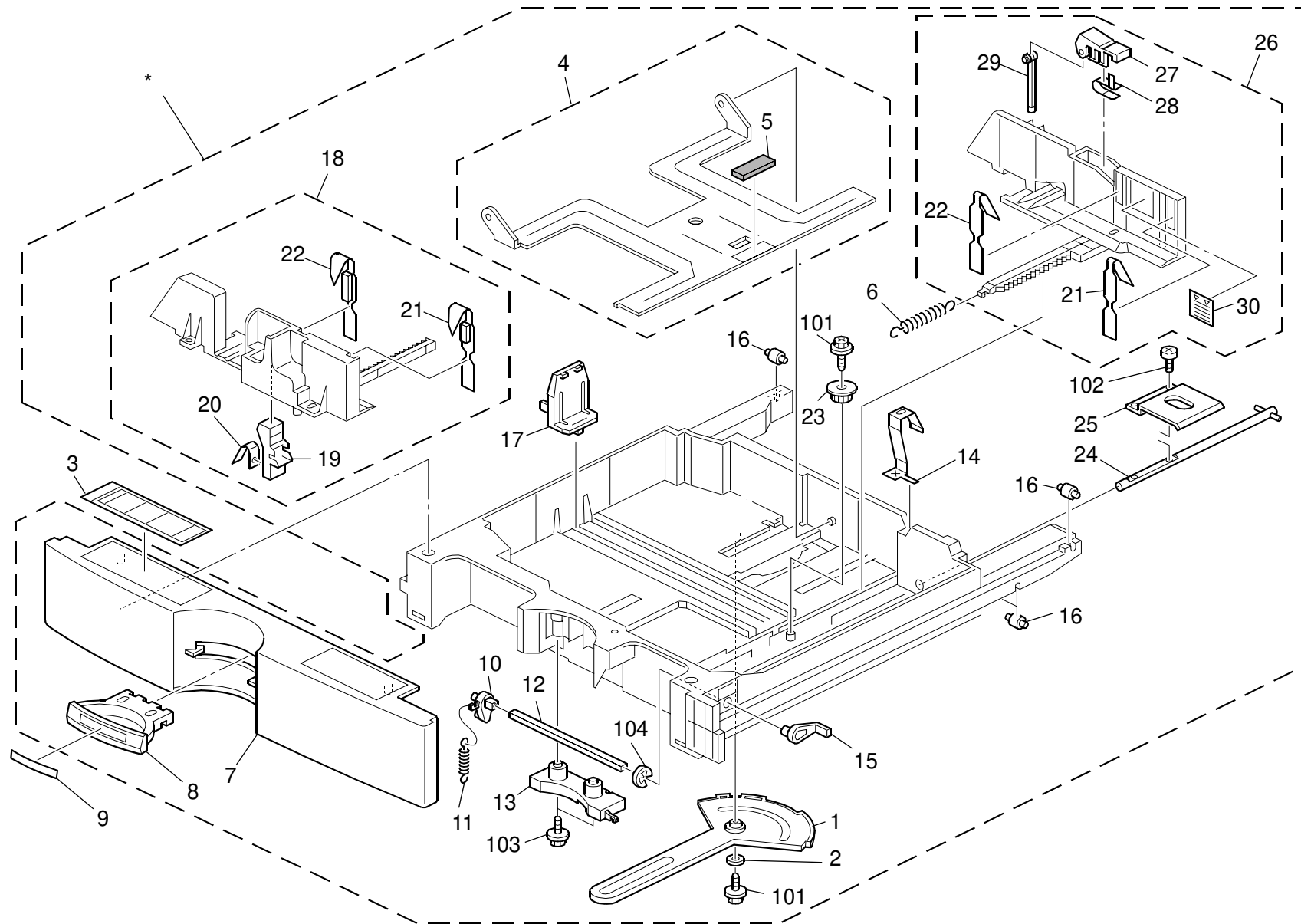
## 5.1st Paper Tray (G133)



| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| *         | B223 2851 | Paper Tray:No.1:Ass'y            | 1                 |
| 1         | AA14 3843 | Screw:DIA6                       | 2                 |
| 2         | B223 2890 | Slide Rail - Left                | 1                 |
| 3         | B223 2894 | Slide Rail Stopper - Left        | 1                 |
| 4         | B223 2940 | Tray Bottom Plate                | 1                 |
| 5         | AF01 3006 | Bottom Plate Pad                 | 1                 |
| 6         | B237 2521 | Decal - Paper Set Direction No.1 | 1                 |
| 7         | B223 2857 | Cover - Paper Tray No.1          | 1                 |
| 8         | B223 2860 | Paper Tray Grip                  | 1                 |
| 9         | B238 2526 | 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        | AA14 3577 | Screw:Tp:M4                      | 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 2870 | Side Fence - Front               | 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 2880 | Side Fence - Rear                | 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        | AA06 1003 | Tension Spring:Side Fence:Rear   | 1                 |
| 32        | B223 2869 | Ground Plate                     | 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            |                   |

## 6.2nd Paper Tray (G133)



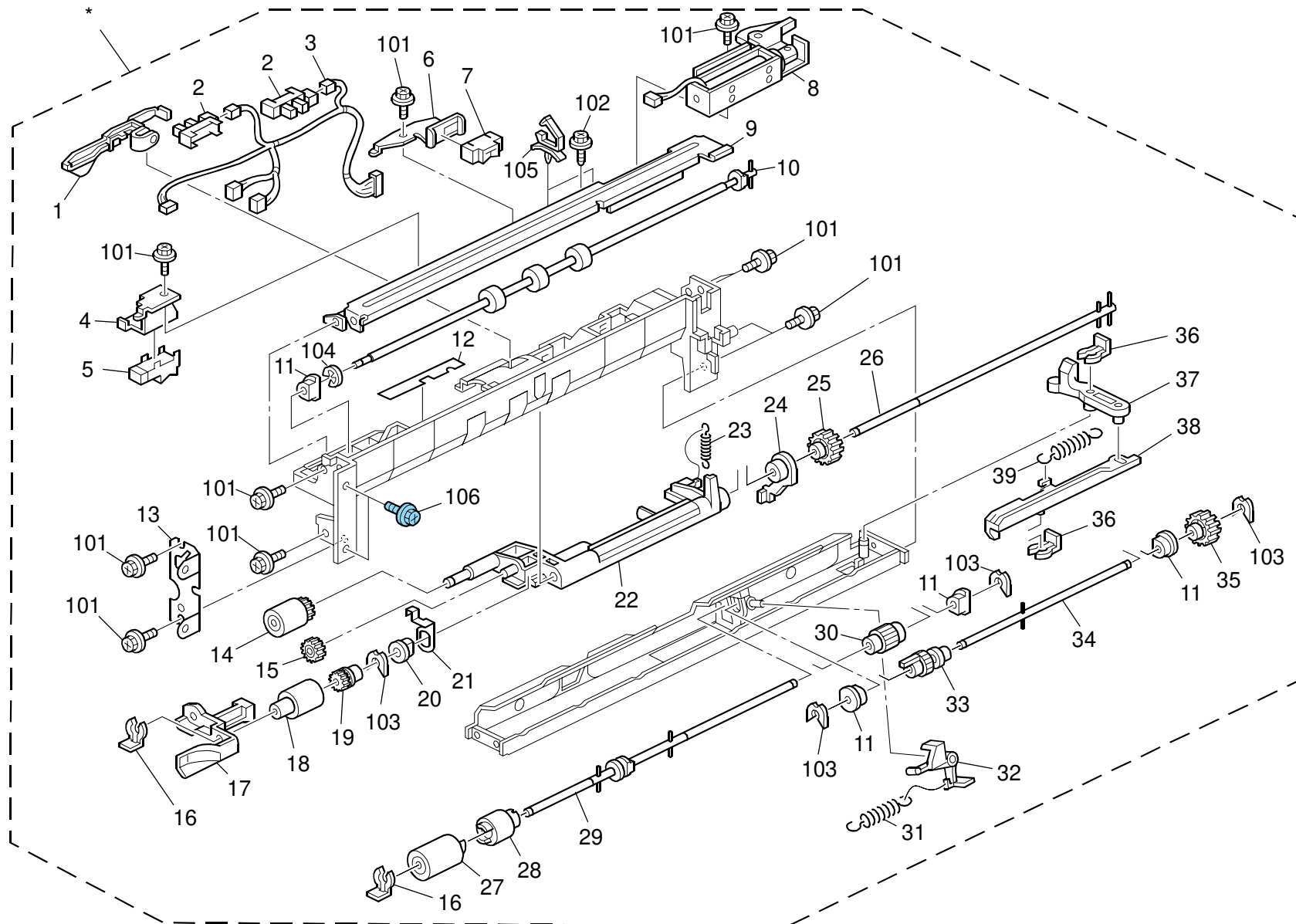
## 6.2nd Paper Tray (G133)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| *         | B223 2901 | Paper Tray:No.2:Ass'y            | 1                 |
| 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         | AA06 1003 | Tension Spring:Side Fence:Rear   | 1                 |
| 7         | B223 2946 | Cover - Paper Tray No.2          | 1                 |
| 8         | B223 2860 | Paper Tray 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        | B223 2919 | Ground Plate - Paper Tray No.2   | 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                 |

| 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            |                   |



## 7. Paper Feed Section (G133)

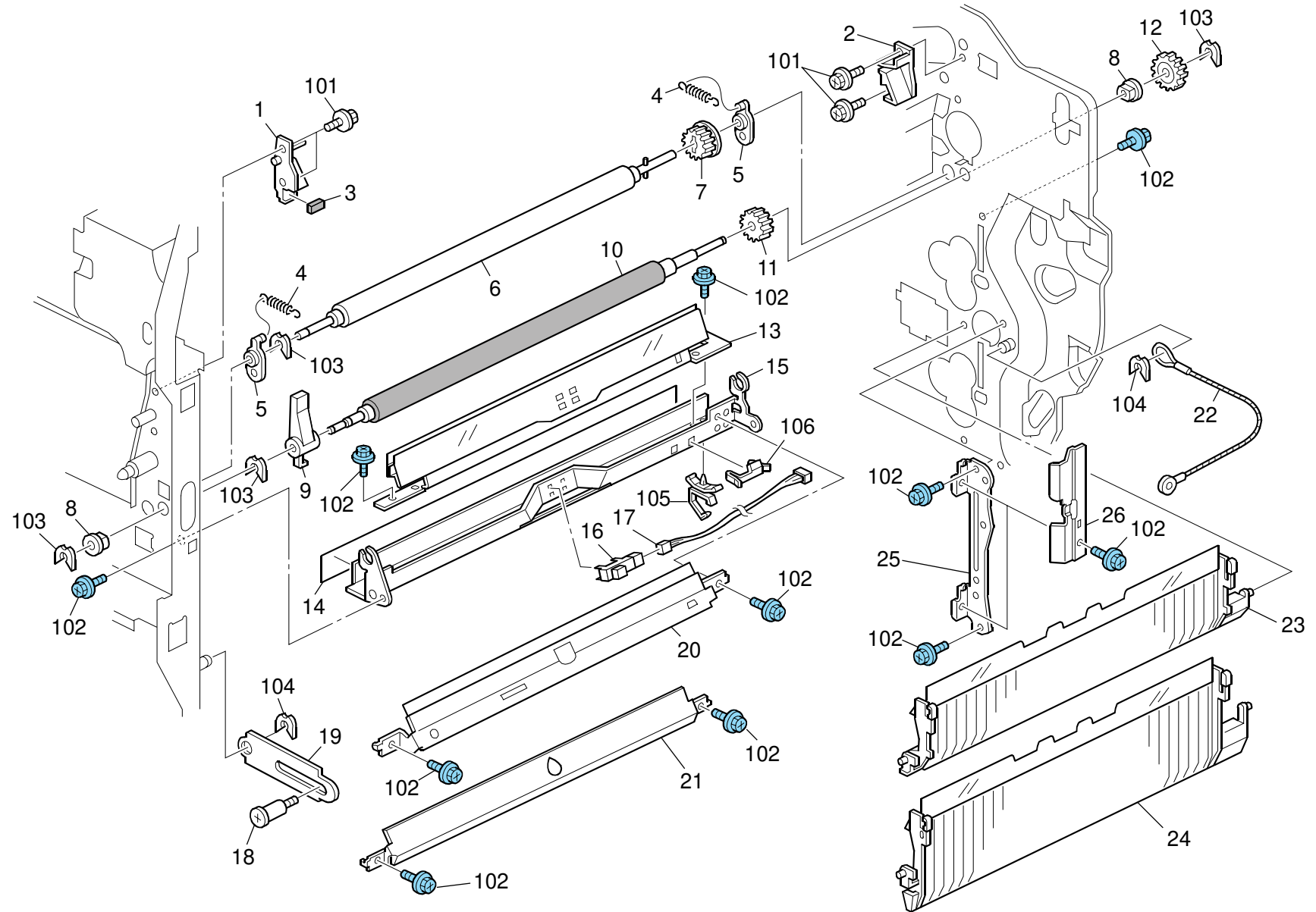


## 7.Paper Feed Section (G133)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| *         | B223 2750 | Paper Feed Unit             | 2                 |
| 1         | B223 2767 | Paper End Feeler            | 1                 |
| 2         | AW02 0145 | Photointerruptor:Flat       | 2                 |
| 3         | B223 2773 | Harness - Paper Feed Unit   | 2                 |
| 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        | B238 2569 | Transport Roller            | 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            | 1                 |
| 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       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 103       | 0805 0089  | Retaining Ring - M4  |                   |
| 104       | 0720 0040E | Retaining Ring - M4  |                   |
| 105       | 1105 0511  | Clamp:Lwsm-0306      |                   |
| 106       | 0454 3008Q | Tapping Screw:3x8    |                   |
| 107       | 0353 0030N | Screw:M3X3           |                   |
| 108       | 0623 0080E | Spring Pin:3X8       |                   |

## 8. Paper Registration (G133)

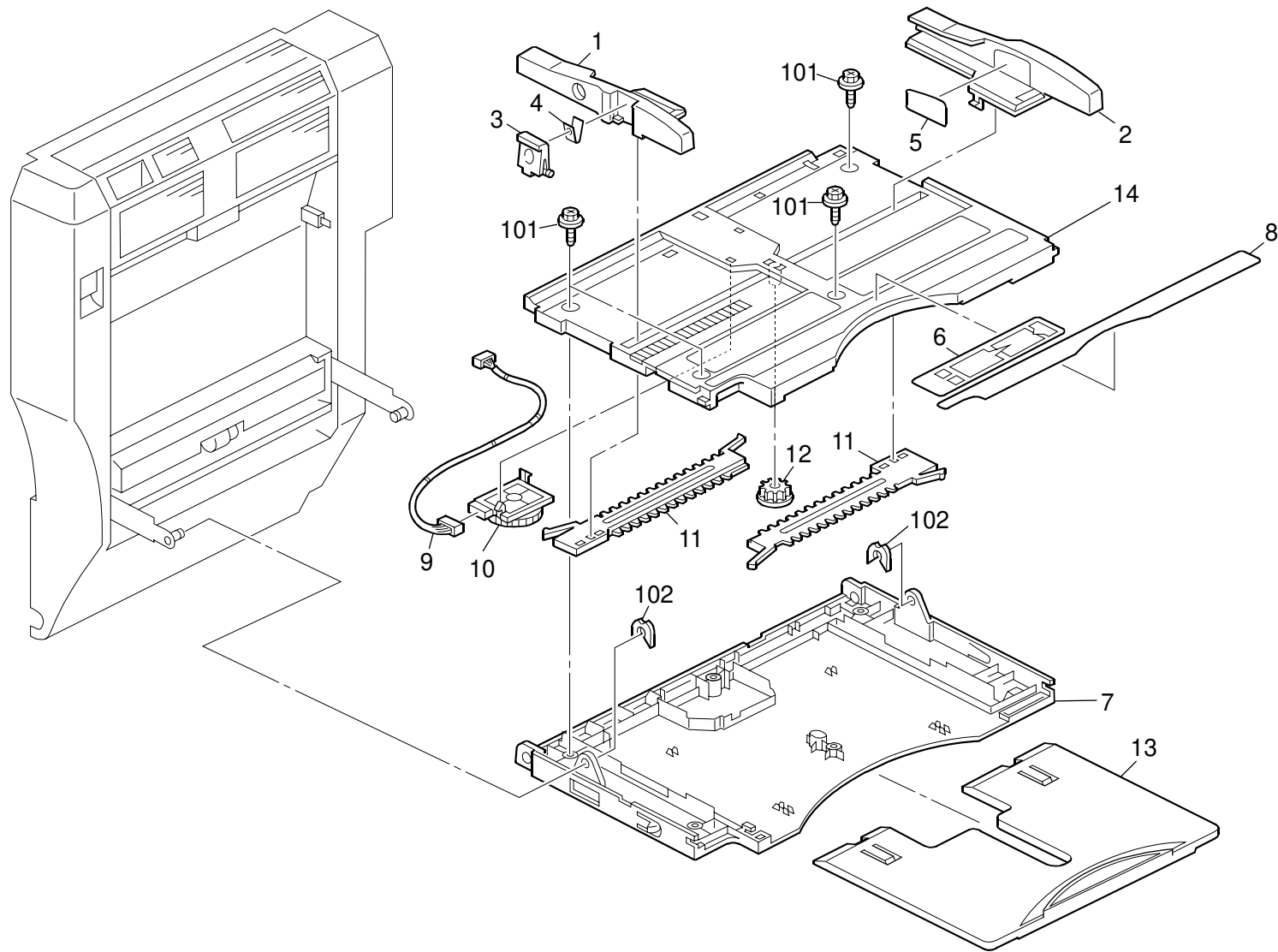


## 8.Paper Registration (G133)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | B223 6311 | Positioning Guide - Front       | 1                 |
| 2         | B223 6312 | Positioning Guide - Rear        | 1                 |
| 3         | B223 6315 | Cushion                         | 1                 |
| 4         | B238 2676 | Tension Spring                  | 2                 |
| 5         | B238 2675 | Registration Roller Bushing     | 2                 |
| 6         | B238 2661 | Registration Roller - Driven    | 1                 |
| 7         | B238 2657 | Gear - 18Z                      | 1                 |
| 8         | AA08 2101 | Bushing - 6x10x6                | 2                 |
| 9         | B223 2558 | Registration Roller Knob        | 1                 |
| 10        | B238 2652 | Registration Roller - Drive     | 1                 |
| 11        | B238 2655 | Gear - 16Z                      | 1                 |
| 12        | B238 2656 | Gear - 30Z                      | 1                 |
| 13        | B238 2670 | Cleaner Bracket                 | 1                 |
| 14        | B238 2622 | Cover - Remove Paper Dust       | 1                 |
| 15        | B238 2621 | Stay                            | 1                 |
| 16        | AW01 0107 | Paper Feed Sensor               | 1                 |
| 17        | B223 2599 | Harness:Registration Sensor     | 1                 |
| 18        | AA14 3404 | Stepped Screw - M4              | 1                 |
| 19        | B223 4523 | Link:Stopper                    | 1                 |
| 20        | B223 2570 | Guide Plate:Registration:Right  | 1                 |
| 21        | B238 2612 | Registration Guide Plate - Left | 1                 |
| 22        | B223 4524 | Wire:Stopper:Dia1.5             | 1                 |
| 23        | B223 2835 | Guide Plate                     | 1                 |
| 24        | B223 2840 | Guide Plate No.2                | 1                 |
| 25        | B223 2846 | Bracket:Cover:Harness           | 1                 |
| 26        | B223 2848 | Cover:Harness                   | 2                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0454 3006Q | Tapping Screw::3X6  |                   |
| 103       | 0805 0089  | Retaining Ring - M4 |                   |
| 104       | 0805 0088  | Retaining Ring - M6 |                   |
| 105       | 1105 0511  | Clamp:Lwsm-0306     |                   |
| 106       | 1105 0643  | Clamp - RFC-14V0    |                   |

## 9.By-pass Feed Section 1 (G133)

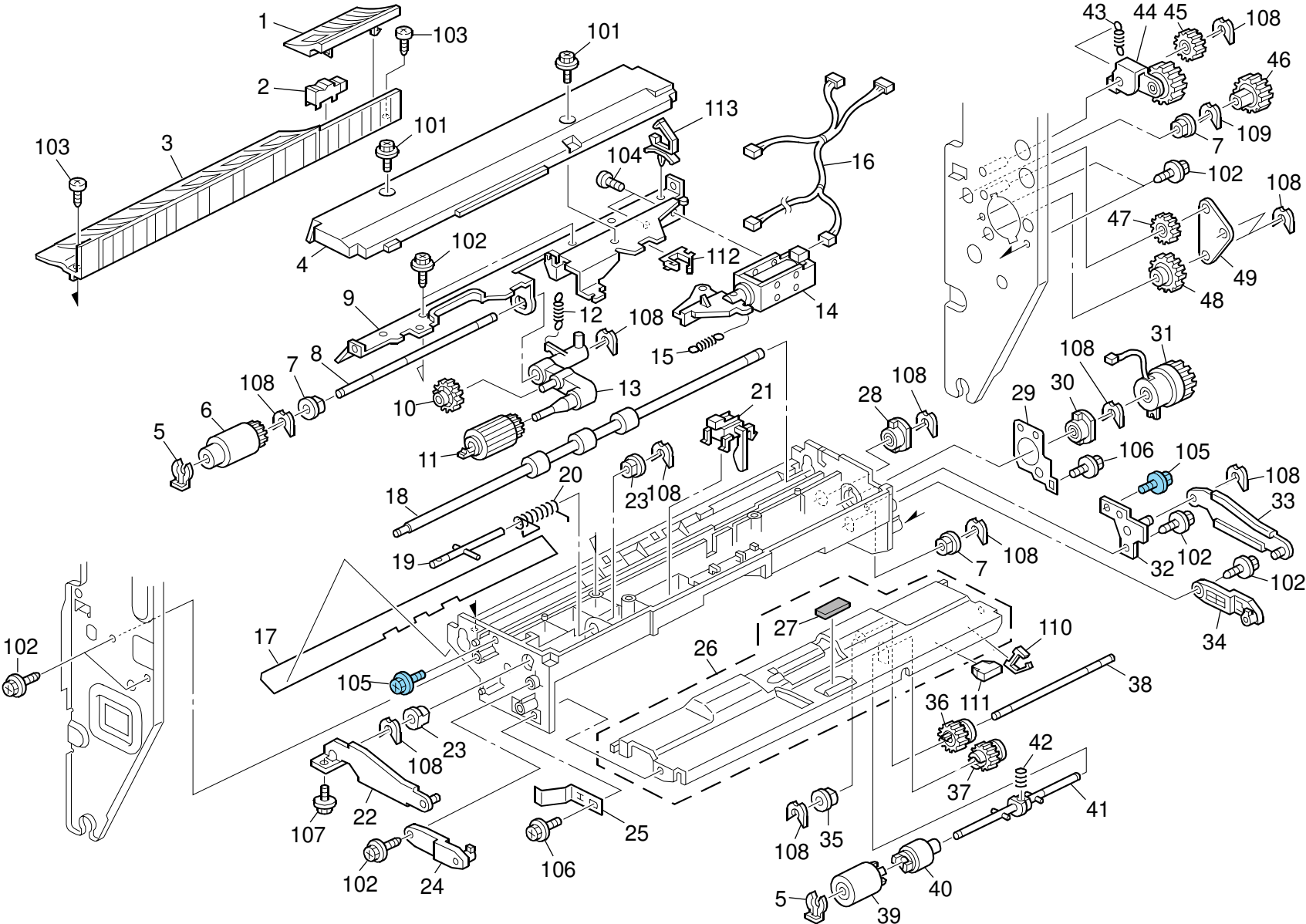


## 9.By-pass Feed Section 1 (G133)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | B223 2698 | Side Fence:Front          | 1                 |
| 2         | B223 2697 | Side Fence:Rear           | 1                 |
| 3         | B223 2667 | Grip:Side Fence           | 1                 |
| 4         | B223 2668 | Spring Plate:Stopper      | 1                 |
| 5         | B223 2645 | Decal:Side Fence          | 1                 |
| 6         | B223 2655 | Decal:Paper Set Direction | 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 2631 | Rack:Manual Feed          | 2                 |
| 12        | B223 2666 | Gear:16Z                  | 1                 |
| 13        | B223 2663 | Extension Tray            | 1                 |
| 14        | B223 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  |                   |

10.By-pass Feed Section 2 (G133)



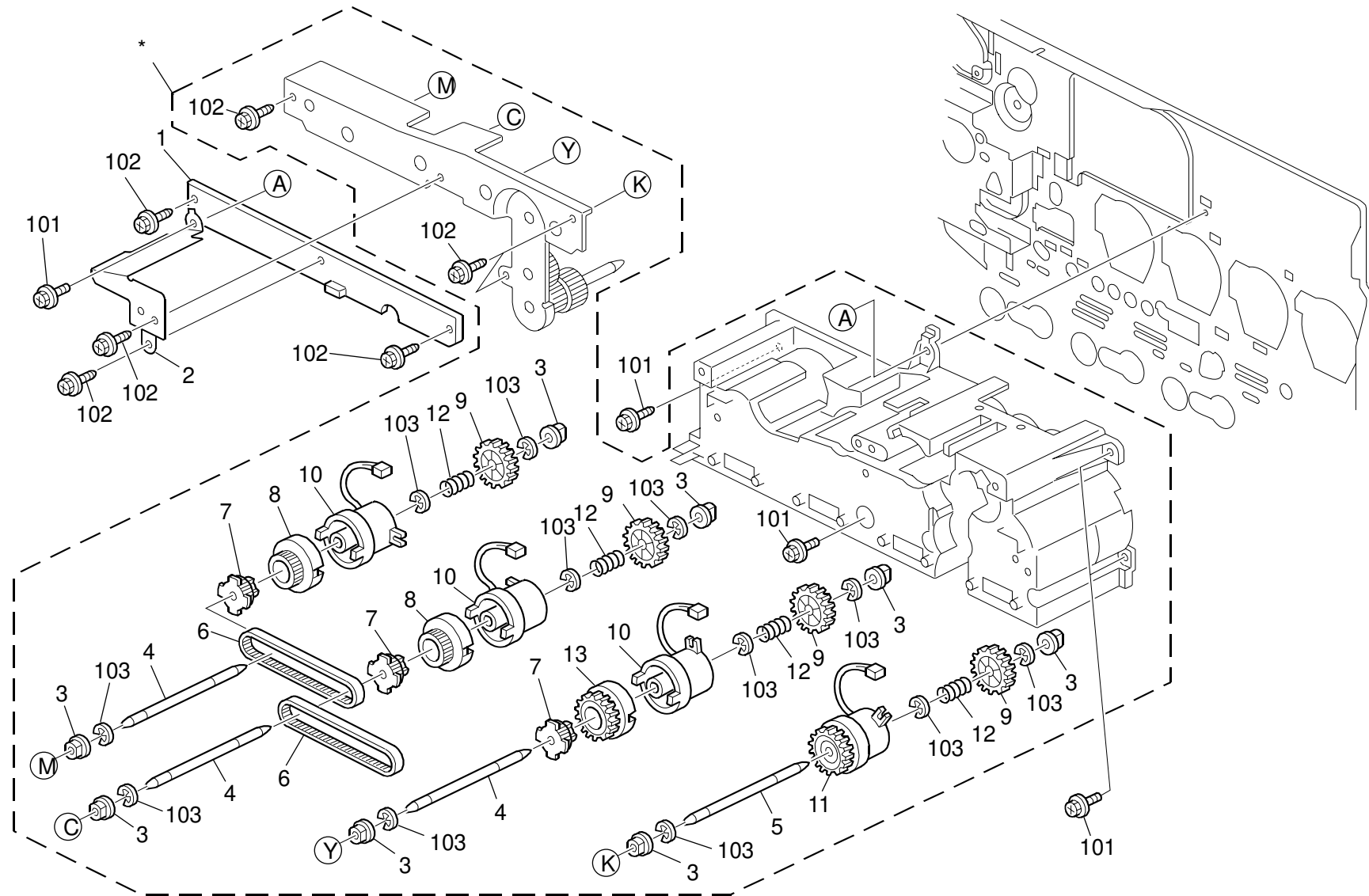
## 10.By-pass Feed Section 2 (G133)

| 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             | 2                 |
| 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 | Spring:Pressure:Pickup       | 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        | B223 2624 | Sheet:Guide:Exit             | 1                 |
| 18        | B223 2619 | Transport Roller:Exit:Duplex | 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                 |
| 101       | 0451 3006N | Tapping Screw:3X6               |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8            |                   |
| 103       | 0452 3008N | Tapping Screw - M3x8            |                   |
| 104       | 0353 0040N | Screw - M3X4                    |                   |
| 105       | 0454 3008Q | Tapping Screw:3x8               |                   |
| 106       | 0451 3008N | Tapping Screw:3X8               |                   |
| 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  | Clamp:Lwsm-0306                 |                   |



## 11.Toner Supply Unit 1 (G133)

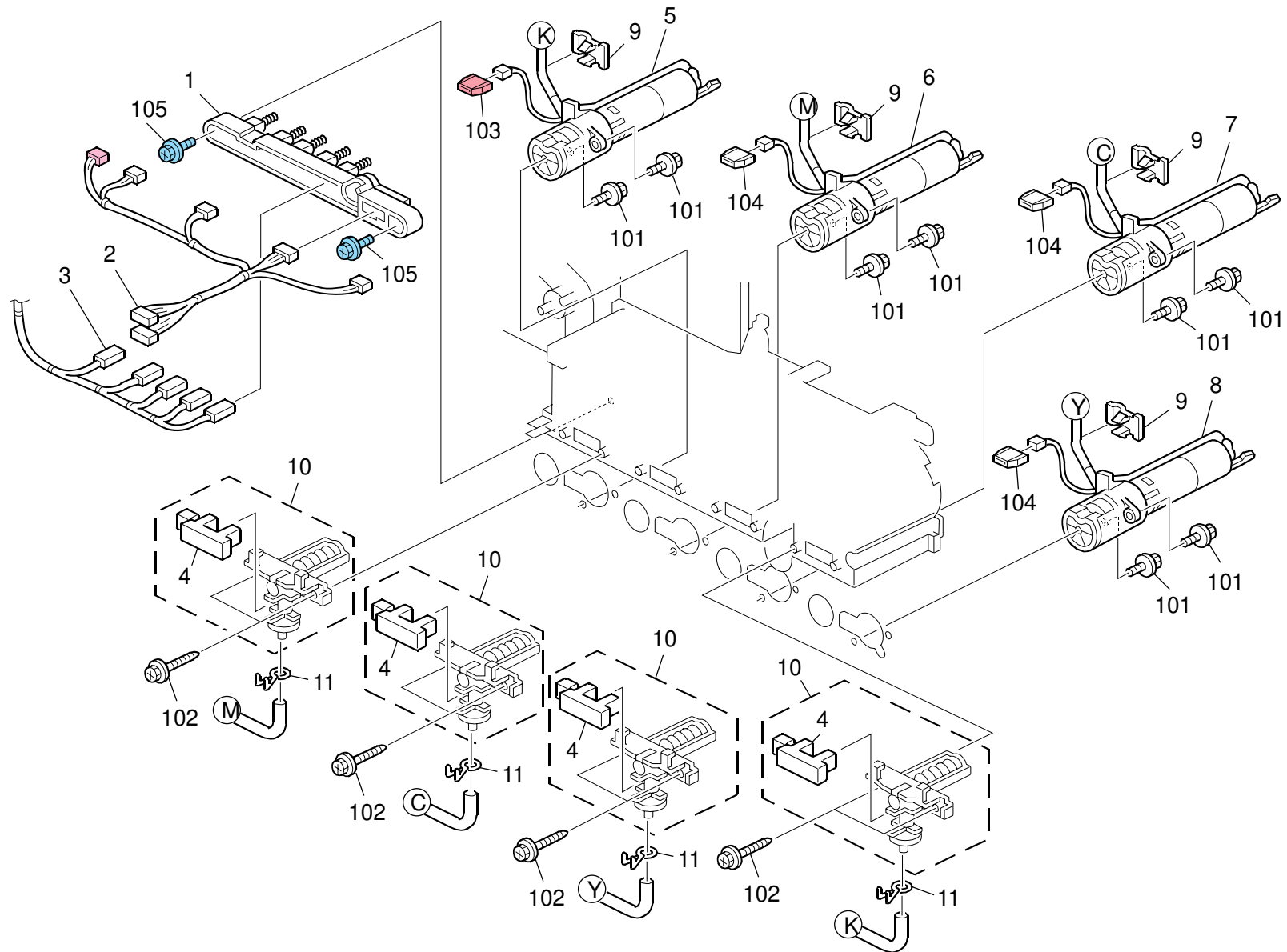


## 11.Toner Supply Unit 1 (G133)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| *         | G133 3405 | Drive Unit:Toner Supply        | 1                 |
| 1         | B238 5051 | PCB:RFID:RW                    | 1                 |
| 2         | B223 3470 | Rfid Ground Plate              | 1                 |
| 3         | AA08 2101 | Bushing - 6x10x6               | 8                 |
| 4         | B223 3426 | Shaft:Drive:Drive Unit:CM      | 3                 |
| 5         | B223 3424 | Shaft:Drive:Drive Unit:BKY     | 1                 |
| 6         | B223 3441 | Timing Belt:Toner Bottle       | 2                 |
| 7         | B223 3461 | Pulley:Toner Bottle:YC         | 3                 |
| 8         | B223 3462 | Pulley:Toner Bottle:CM         | 2                 |
| 9         | B223 3463 | Gear:Toner Bottle:Drive        | 4                 |
| 10        | B223 3457 | Magnetic Clutch - 0.25n.m YCM  | 3                 |
| 11        | B223 3455 | Magnetic Clutch - 0.25n.m BK   | 1                 |
| 12        | B223 3428 | Spring:Drive Unit:Toner Bottle | 4                 |
| 13        | B223 3464 | Gear:Magnetic Clutch:Y         | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0450 3012N | Tapping Screw:3x12  |                   |
| 103       | 0720 0040E | Retaining Ring - M4 |                   |

## 12.Toner Supply Unit 2 (G133)

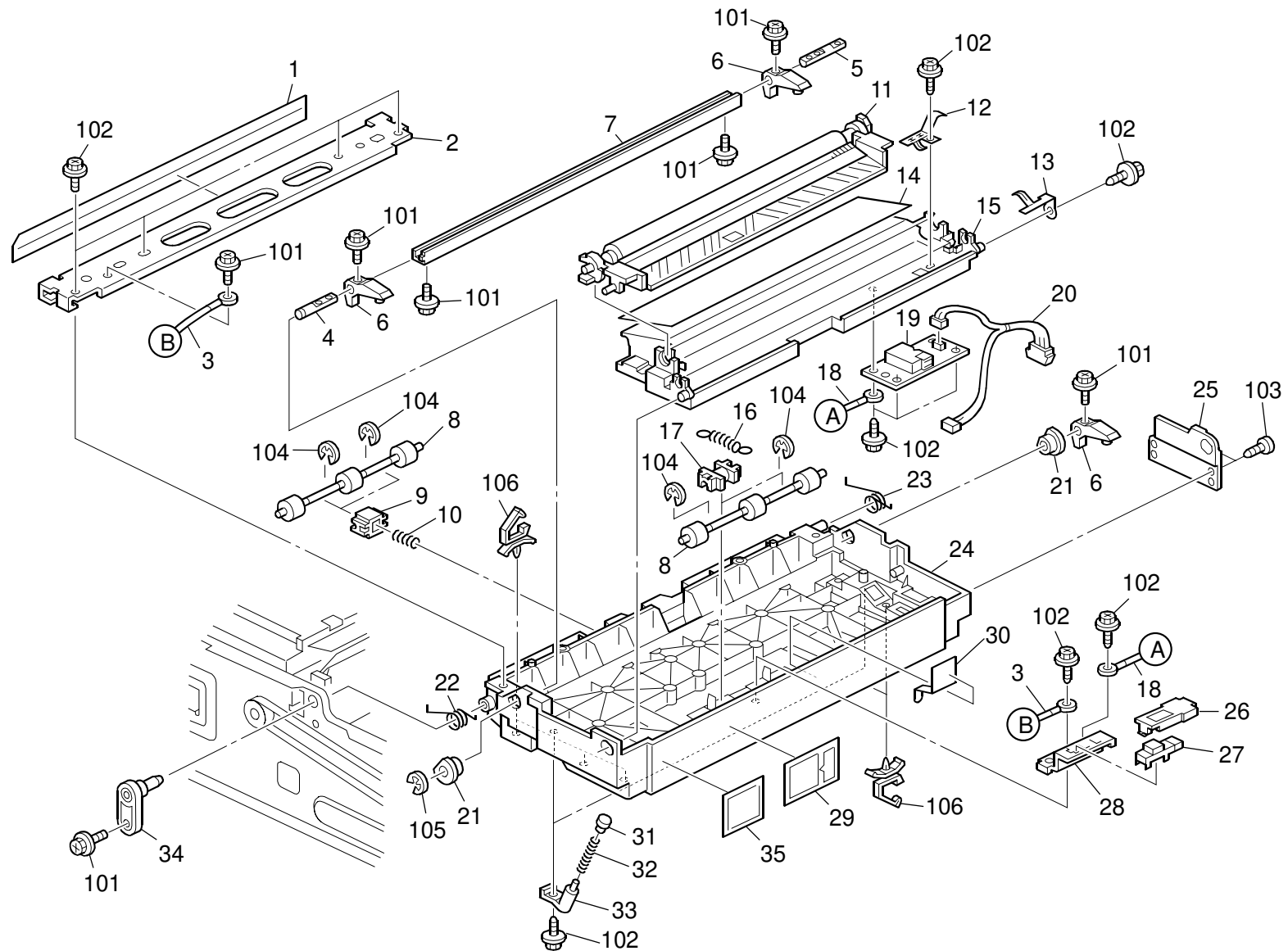


## 12.Toner Supply Unit 2 (G133)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | B223 6140 | Drawer:Intermediate Transfer:Ass'y | 1                 |
| 2         | B223 5304 | Harness:IOB:Toner Supply:CL        | 1                 |
| 3         | B223 5310 | Harness:P.P:High Voltage Line:T/TS | 1                 |
| 4         | AW02 0185 | Toner End Sensor                   | 4                 |
| 5         | B223 3211 | Pump Unit - BK                     | 1                 |
| 6         | B223 3204 | Pump Unit - M                      | 1                 |
| 7         | B223 3203 | Pump Unit - C                      | 1                 |
| 8         | B223 3202 | Pump Unit - Y                      | 1                 |
| 9         | B223 3206 | Tube Clamp                         | 4                 |
| 10        | B223 3205 | Nozzle Ass'y                       | 4                 |
| 11        | B223 3209 | Tube Clip                          | 4                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3008N | Tapping Screw:3x8    |                   |
| 102       | 0450 3012N | Tapping Screw:3x12   |                   |
| 103       | 1102 6259  | Connector - 2P       |                   |
| 104       | 1102 6245  | Relay Connector - 2P |                   |
| 105       | 0454 3006Q | Tapping Screw::3x6   |                   |

## 13. Paper Separation (G133)

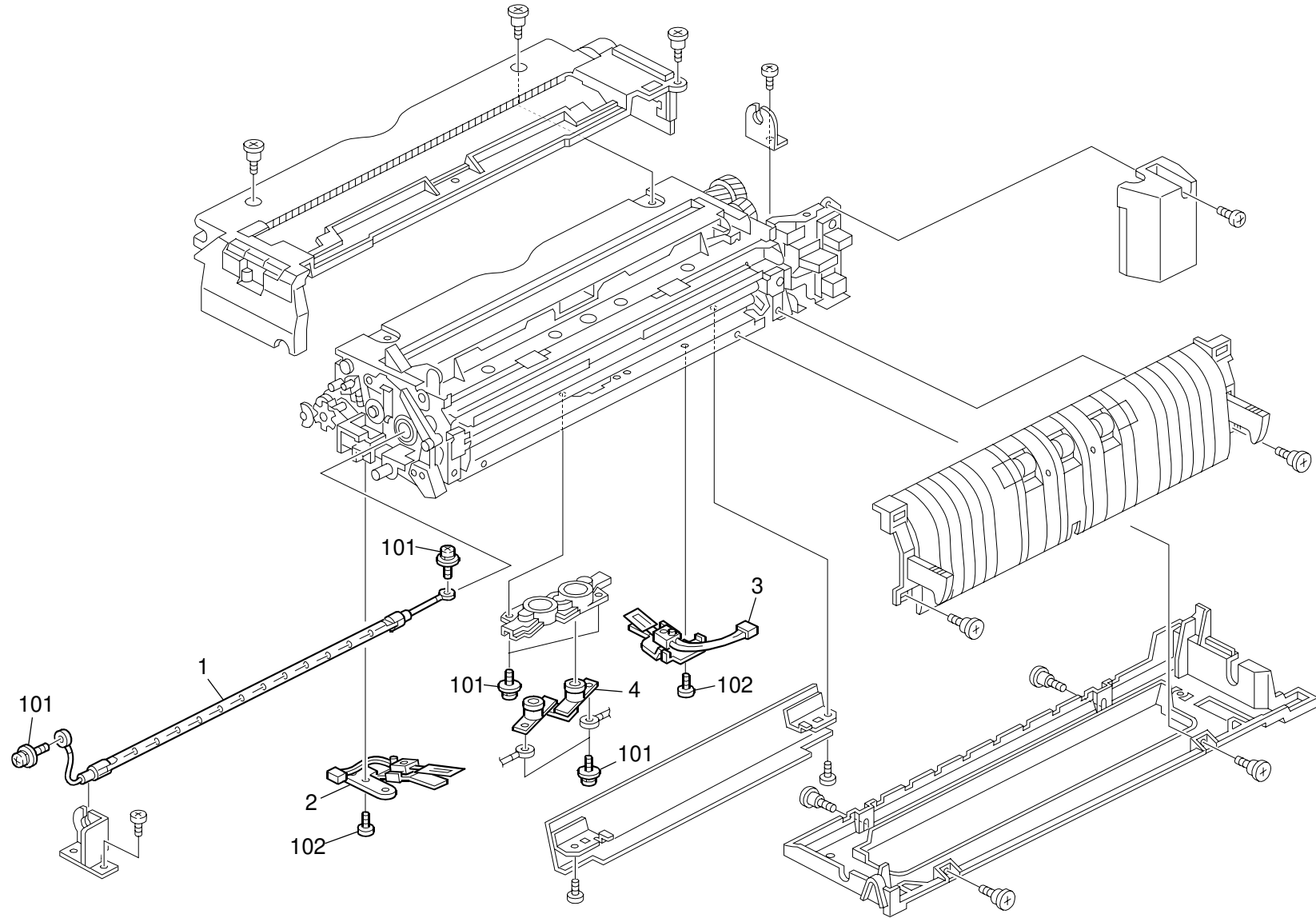


### 13.Paper Separation (G133)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | B223 4555 | Sheet:Transport Unit                | 1                 |
| 2         | B223 4554 | Bracket:Guide Plate                 | 1                 |
| 3         | B223 4557 | Harness:Ground Wire                 | 1                 |
| 4         | B223 6322 | Lever Shaft - Front                 | 1                 |
| 5         | B223 6323 | Lever Shaft - Rear                  | 1                 |
| 6         | B223 6306 | Release Lever                       | 3                 |
| 7         | B223 6320 | Lever Bracket - Middle              | 1                 |
| 8         | B223 4559 | Driven Roller:Dia16                 | 2                 |
| 9         | AA08 0254 | Bushing - M4                        | 2                 |
| 10        | B223 4556 | Compression Spring                  | 2                 |
| 11        | G133 6260 | Transfer/Separation Unit:P1-U:ASS'Y | 1                 |
| 12        | B223 6289 | Terminal                            | 1                 |
| 13        | B223 6285 | Transfer Roller Terminal            | 1                 |
| 14        | B223 6327 | Sheet:Case:Lower                    | 1                 |
| 15        | G133 6281 | Case:Transfer Roller:Ap-p1          | 1                 |
| 16        | B223 4553 | Tension Spring:Driven Roller        | 2                 |
| 17        | B223 4552 | Bushing:Dia4                        | 2                 |
| 18        | B223 6317 | Ground Wire - Power Pack            | 1                 |
| 19        | AZ30 0059 | Power Pack:D                        | 1                 |
| 20        | B223 4561 | Harness - Second Transfer Unit      | 1                 |
| 21        | AA08 2145 | Bushing - 8x12x7                    | 2                 |
| 22        | B223 4542 | Torsion Spring:Front                | 1                 |
| 23        | B223 4541 | Torsion Spring:Rear                 | 1                 |
| 24        | B223 4551 | Guide Plate:Transfer Unit:Holder    | 1                 |
| 25        | B223 6290 | Drum Stay - Rear                    | 1                 |
| 26        | B238 4739 | Cover - Entrance Sensor             | 1                 |
| 27        | AW01 0118 | Paper Feed Sensor                   | 1                 |
| 28        | B238 4733 | Entrance Sensor Bracket             | 1                 |
| 29        | B223 4394 | Decal:Warning (high Temperature)    | 1                 |
| 30        | B223 4558 | Sheet:Harness                       | 1                 |
| 31        | B223 6319 | Spring Cap                          | 2                 |
| 32        | B223 6308 | Transfer Spring                     | 2                 |
| 33        | B223 6321 | Spring Anchor                       | 2                 |
| 34        | B223 4545 | Guide Pin:Holder                    | 1                 |
| 35        | B223 6324 | Decal:Replacement Indication        | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 103       | 0452 3008N | Tapping Screw - M3x8 |                   |
| 104       | 0720 0030E | Retaining Rings-E:3  |                   |
| 105       | 0720 0060E | Retaining Ring - M6  |                   |
| 106       | 1105 0511  | Clamp:Lwsm-0306      |                   |

## 14.Fusing unit 1 (G133)



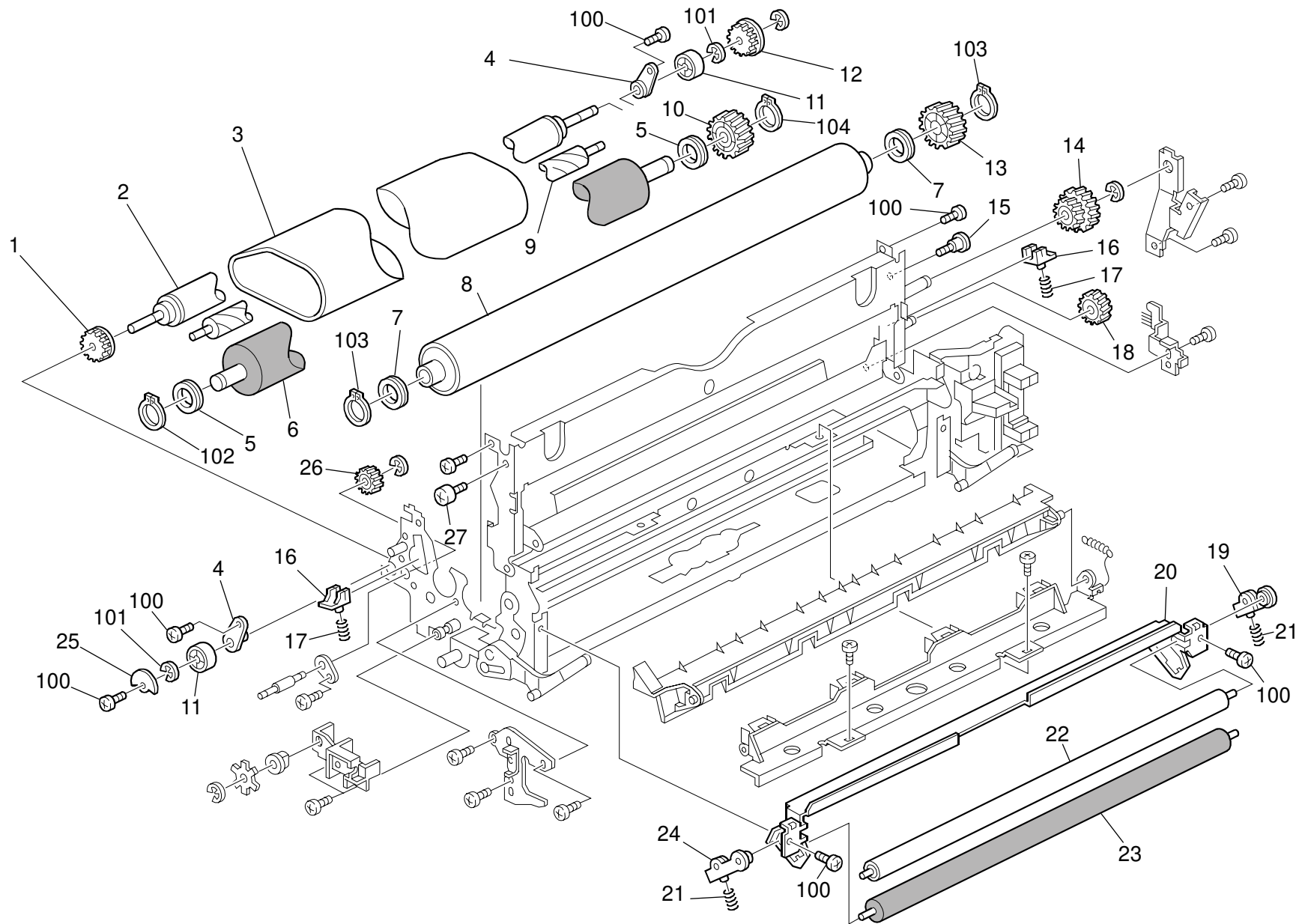
## 14.Fusing unit 1 (G133)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | AX43 0156 | Heater:120V:500W          | 1                 |
| 1         | AX43 0157 | Heater:230V:500W          | 1                 |
| 2         | B223 4172 | Thermistor:Fusing:Ass'y   | 1                 |
| 3         | B223 4177 | Thermistor:Pressure:Ass'y | 1                 |
| 4         | B223 4162 | Thermostat:Ass'y          | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0954 3010N | Screw:Polished Round/Spring:M3x10 | 1                 |
| 102       | 0353 0060N | Bind Screw - M3x6                 |                   |



## 15.Fusing unit 2 (G133)

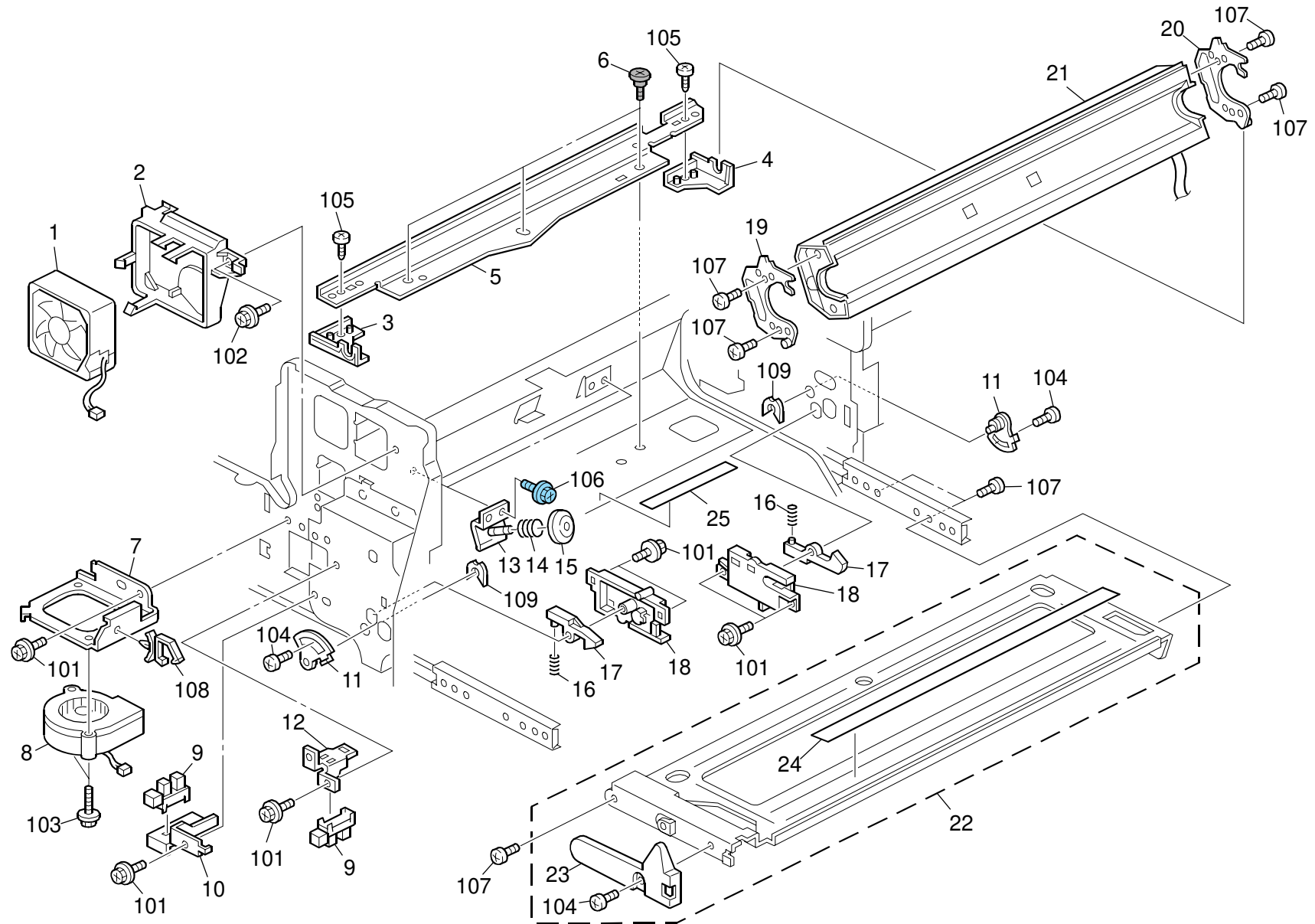


## 15.Fusing unit 2 (G133)

| Index No. | Part No.  | Description                          | Q'ty Per Assembly |
|-----------|-----------|--------------------------------------|-------------------|
| 1         | AB01 0088 | Gear:Sensor:Turn                     | 1                 |
| 2         | B223 4235 | Roller:Ferrite Core:Ass'y            | 1                 |
| 3         | B223 4221 | Fusing Belt:Dia60:Adhesion           | 1                 |
| 4         | AE03 1046 | Bushing:Heat Roller                  | 2                 |
| 5         | AE03 0069 | Ball Bearing:Dia12xdia21x7           | 2                 |
| 6         | AE01 0059 | Hot Roller:Dia35                     | 1                 |
| 7         | AE03 0071 | Ball Bearing:Dia17xdia26x5           | 2                 |
| 8         | AE02 0115 | Pressure Roller:Dia40                | 1                 |
| 9         | B223 4226 | Roller:Belt Tensioner:Dia12          | 1                 |
| 10        | AB01 2044 | Gear:Hot Roller                      | 1                 |
| 11        | B223 4233 | Spacer:Heat Roller                   | 2                 |
| 12        | AB01 1249 | Gear:Turn:Ferrite Core:Z16           | 1                 |
| 13        | AB01 2045 | Gear:Pressuer Roller                 | 1                 |
| 14        | AB01 7703 | Gear:Drive:Fusing                    | 1                 |
| 15        | AA14 3526 | Stepped Screw - M3                   | 1                 |
| 16        | AE03 1065 | Bushing:Fusing Sub-unit              | 2                 |
| 17        | AA06 3954 | Compression Spring:Belt Tensioner    | 2                 |
| 18        | AB01 2051 | Gear:Idler:Pressure Roller           | 1                 |
| 19        | AE03 1062 | Rear Bushing - Oil Supply Roller     | 1                 |
| 20        | B223 4181 | Bracket:Oil Supply Roller            | 1                 |
| 21        | AA06 3953 | Compression Spring:Oil Supply Roller | 2                 |
| 22        | AE04 0066 | Cleaning Roller - Oil Supply Roller  | 1                 |
| 23        | AE04 0069 | Oil Supply Roller                    | 1                 |
| 24        | AE03 1061 | Front Bushing - Oil Supply Roller    | 1                 |
| 25        | B223 4240 | Encoder:Ferrite Core:Change          | 1                 |
| 26        | AB01 0118 | Gear:Turn:Sensor                     | 1                 |
| 27        | B223 4072 | Screw:Positioning Control            | 1                 |

| Index No. | Part No.   | Description            | Q'ty Per Assembly |
|-----------|------------|------------------------|-------------------|
| 100       | 0353 0060N | Bind Screw - M3x6      |                   |
| 101       | 0720 0040E | Retaining Ring - M4    |                   |
| 102       | 0725 0100E | Retaining Ring C - M10 |                   |
| 103       | 0725 0170E | Retaining Ring C - M17 |                   |
| 104       | 0725 0120E | Retaining Ring C - M12 |                   |

## 16.Fusing unit 3 (G133)

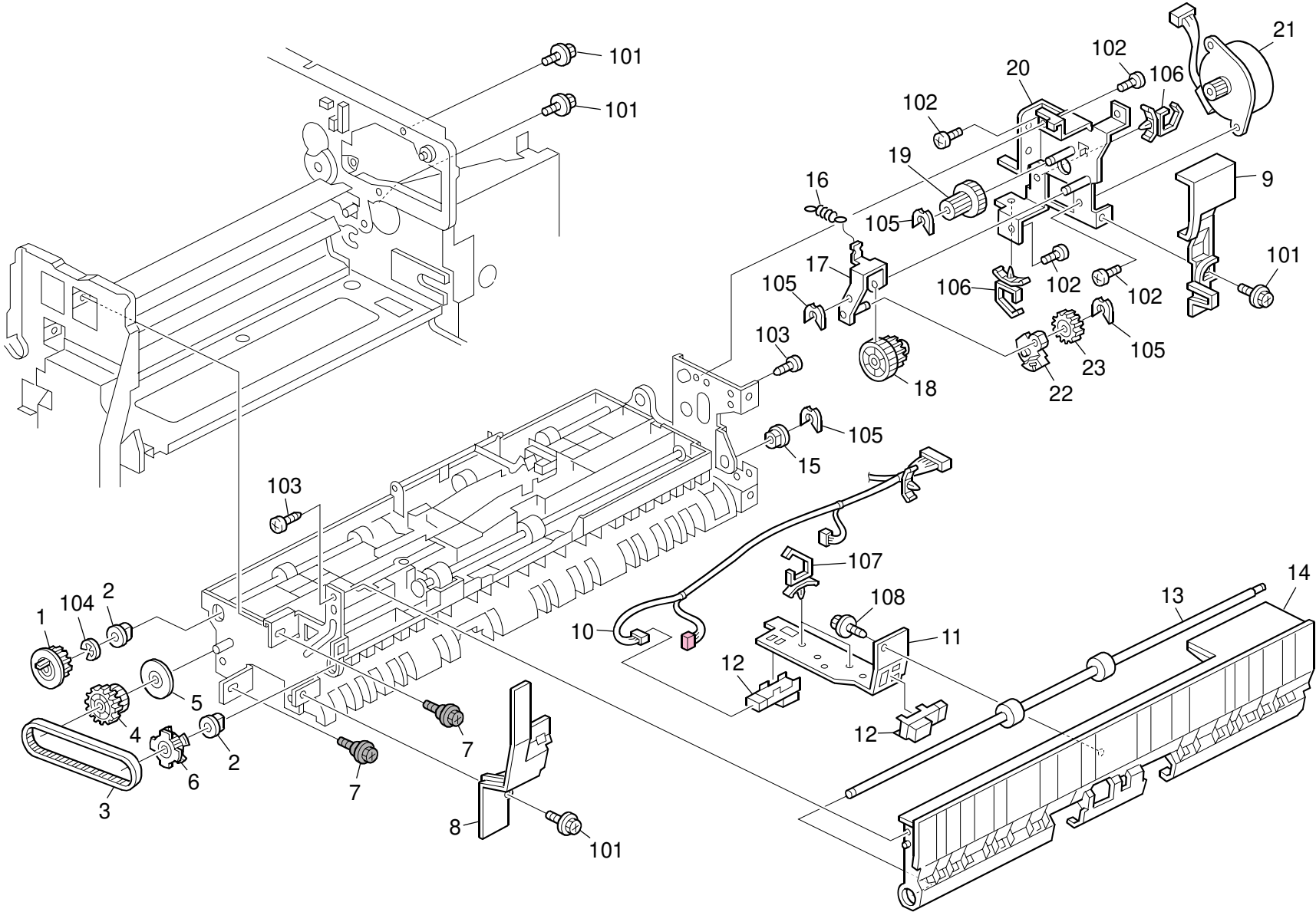


## 16.Fusing unit 3 (G133)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | AX64 0179 | Fan Motor:DC24V 2.4W                | 1                 |
| 2         | G133 1336 | Duct:Exit                           | 1                 |
| 3         | B223 4311 | Holder:Coil:Front Lower             | 1                 |
| 4         | B223 4312 | Holder:Coil:Rear Lower              | 1                 |
| 5         | B223 4310 | Stay:Ih:Holder                      | 1                 |
| 6         | 5447 2768 | Stepped Screw - M3                  | 3                 |
| 7         | B223 1328 | Bracket:Fan:Ih                      | 1                 |
| 8         | AX65 0045 | Sirocco Fan:DC24V 2.6W              | 1                 |
| 9         | GW02 0020 | Photointerruptor:Lg248nl1           | 2                 |
| 10        | B223 4329 | Bracket:Sensor:Machine Or Copier    | 1                 |
| 11        | B223 4337 | Bracket:Pin                         | 2                 |
| 12        | B223 4328 | Bracket:Sensor:Turn                 | 1                 |
| 13        | B223 4308 | Bracket:Pressure:Coil               | 2                 |
| 14        | AA06 3438 | Compression Spring                  | 2                 |
| 15        | B223 4307 | Guide:Ih:Upper                      | 2                 |
| 16        | AA06 3439 | Compression Spring:Lever            | 2                 |
| 17        | B223 4327 | Lever:Lock:Fusing Unit              | 2                 |
| 18        | B223 4336 | Supporter:Fusing Unit               | 2                 |
| 19        | B223 4301 | Frame:Coil:Front                    | 1                 |
| 20        | B223 4303 | Frame:Coil:Rear                     | 1                 |
| 21        | B223 4011 | Ih Coilunit:Eu                      | 1                 |
| 21        | B223 4349 | Ih Coil Unit                        | 1                 |
| 22        | B223 4360 | Holder:Fusing Unit:Ass'y            | 1                 |
| 23        | B223 4341 | Guide:Fusing Unit                   | 1                 |
| 24        | B223 4397 | Decal:Warning (high Temperature)    | 1                 |
| 25        | B223 4393 | Decal:Warning (high Temperature):IH | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0451 3008N | Tapping Screw:3X8    |                   |
| 103       | 0451 3010N | Tapping Screw:3x10   |                   |
| 104       | 0353 0060N | Bind Screw - M3x6    |                   |
| 105       | 0452 3008N | Tapping Screw - M3x8 |                   |
| 106       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 107       | 0353 0040N | Screw - M3X4         |                   |
| 108       | 1105 0516  | Clamp:Lwsm-0511      |                   |
| 109       | 0805 0088  | Retaining Ring - M6  |                   |

17.Paper Exit Section 1 (G133)

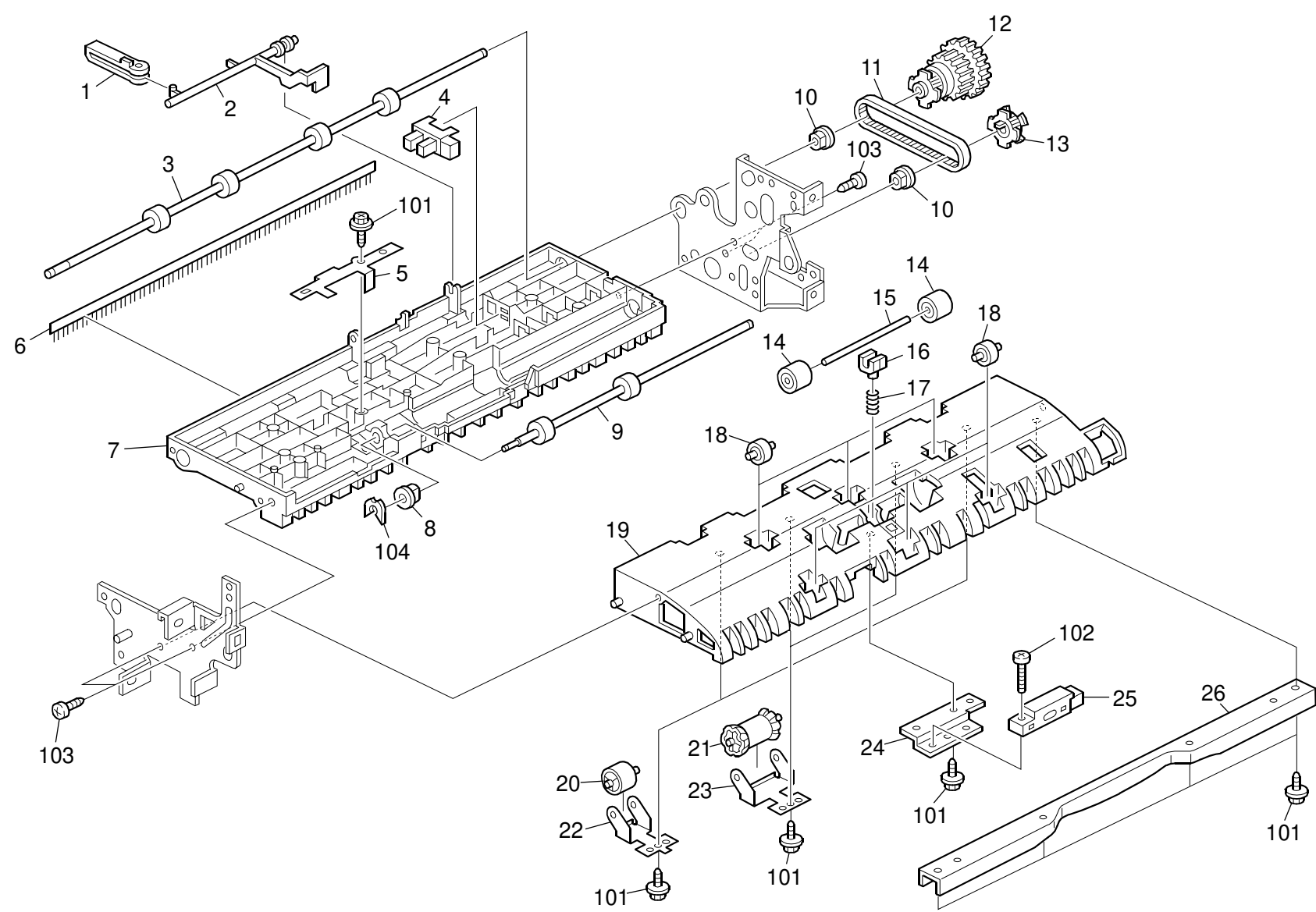


## 17.Paper Exit Section 1 (G133)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | B223 4459 | Gear:18Z                      | 1                 |
| 2         | AA08 2101 | Bushing - 6x10x6              | 2                 |
| 3         | AA04 3969 | Timing Belt:30S2M216          | 1                 |
| 4         | B223 4458 | Gear:Pulley:Z18/T23           | 1                 |
| 5         | B223 4456 | Spacer:Idler                  | 1                 |
| 6         | B223 4464 | Timing Pulley:23T             | 1                 |
| 7         | B238 4483 | Screw                         | 2                 |
| 8         | B223 4437 | Inner Cover:Exit:Front        | 1                 |
| 9         | B223 4438 | Inner Cover:Exit:Rear         | 1                 |
| 10        | B223 4439 | Harness:IOB:Paper Exit Unit:C | 1                 |
| 11        | B223 4426 | Bracket:Sensor                | 1                 |
| 12        | AW01 0107 | Paper Feed Sensor             | 2                 |
| 13        | B223 4454 | Transport Roller:Dia18        | 1                 |
| 14        | B223 4461 | Guide Plate:Upper Right       | 1                 |
| 15        | H053 2208 | Bushing - M4                  | 1                 |
| 16        | B223 4452 | Tension Spring:1.3n           | 1                 |
| 17        | B223 4447 | Bracket:Gear:Coupling         | 1                 |
| 18        | B223 4451 | Gear:Z14/Z40                  | 1                 |
| 19        | B223 4467 | Gear:Z20/Z32                  | 1                 |
| 20        | B223 4444 | Bracket:Stepper Motor:Gate    | 1                 |
| 21        | B223 4441 | Stepper Motor:DC24V 70.2W     | 1                 |
| 22        | B223 4468 | Stopper                       | 1                 |
| 23        | B223 4450 | Gear:Z14                      | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6               |                   |
| 102       | 0453 3006N | Tapping Screw - M3x6            |                   |
| 103       | 0452 3010N | Binding Self-tapping Screw:3x10 |                   |
| 104       | 0720 0040E | Retaining Ring - M4             |                   |
| 105       | 0805 0092  | Retaining Ring - 3m             |                   |
| 106       | 1105 0516  | Clamp:Lwsm-0511                 |                   |
| 107       | 1105 0511  | Clamp:Lwsm-0306                 |                   |
| 108       | 0450 3010N | Tapping Screw - M3x10           |                   |

18.Paper Exit Section 2 (G133)



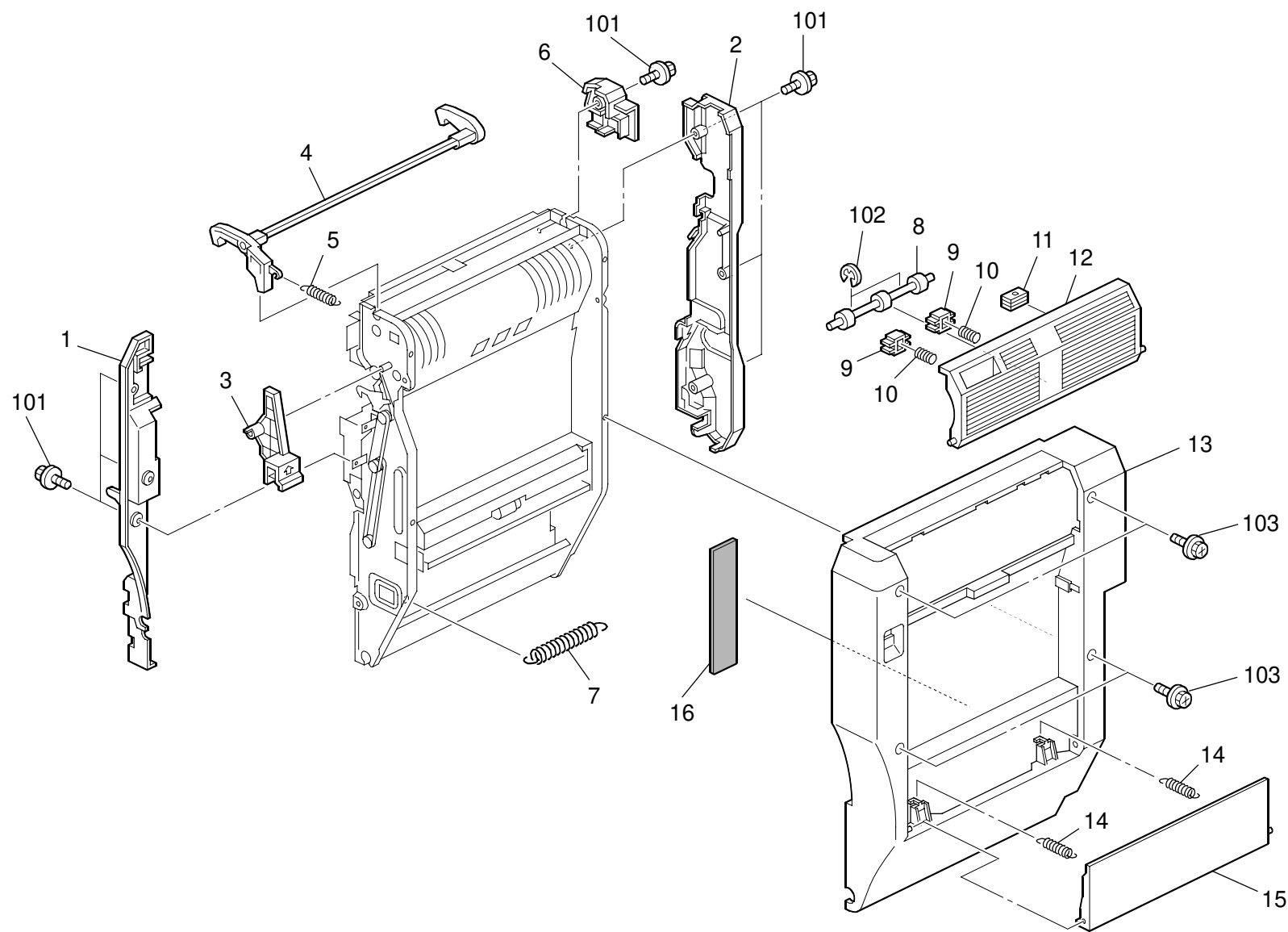
## 18.Paper Exit Section 2 (G133)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| 1         | B238 4987 | Overflow Feeler                    | 1                 |
| 2         | B238 4985 | Overflow Feeler Shaft              | 1                 |
| 3         | B223 4453 | Exit Roller                        | 1                 |
| 4         | AW02 0145 | Photointerruptor:Flat              | 1                 |
| 5         | B223 4427 | Ground Plate:Bracket:Sensor        | 1                 |
| 6         | B223 4491 | Discharge Brush:Exit               | 1                 |
| 7         | B223 4421 | Guide Plate:Upper Left             | 1                 |
| 8         | H053 2208 | Bushing - M4                       | 1                 |
| 9         | B223 4455 | Transport Roller:Auxiliary         | 1                 |
| 10        | AA08 2101 | Bushing - 6x10x6                   | 2                 |
| 11        | AA04 3968 | Timing Belt:30S2M160               | 1                 |
| 12        | B223 4457 | Gear:Pulley:Z27/T22                | 1                 |
| 13        | B223 4463 | Timing Pulley:22T                  | 1                 |
| 14        | B223 4435 | Roller:Auxiliary:Driven:Dia16:pFA  | 2                 |
| 15        | B223 4493 | Shaft:Pressure:Auxiliary           | 1                 |
| 16        | AA08 0156 | Bushing - M4                       | 1                 |
| 17        | B238 4458 | Compression Spring - Driven Roller | 1                 |
| 18        | B223 4428 | Roller:Guide:pFa                   | 6                 |
| 19        | B223 4488 | Guide Plate:Lower                  | 1                 |
| 20        | AF04 0567 | Tension Roller                     | 2                 |
| 21        | AF04 0566 | Tension Roller                     | 2                 |
| 22        | B238 4436 | Spring Plate - Exit Roller Outer   | 2                 |
| 23        | B223 4436 | Spring Plate - Exit Roller         | 2                 |
| 24        | B238 4454 | Sensor Bracket                     | 1                 |
| 25        | AW01 0127 | Paper Feed Sensor                  | 1                 |
| 26        | B223 4442 | Stay:Protect                       | 1                 |

| Index No. | Part No.   | Description                     | Q'ty Per Assembly |
|-----------|------------|---------------------------------|-------------------|
| 101       | 0450 3010N | Tapping Screw - M3x10           |                   |
| 102       | 0353 0100N | Screw-m3x10                     |                   |
| 103       | 0452 3010N | Binding Self-tapping Screw:3x10 |                   |
| 104       | 0805 0092  | Retaining Ring - 3m             |                   |



19.Duplex Unit 1 (G133)

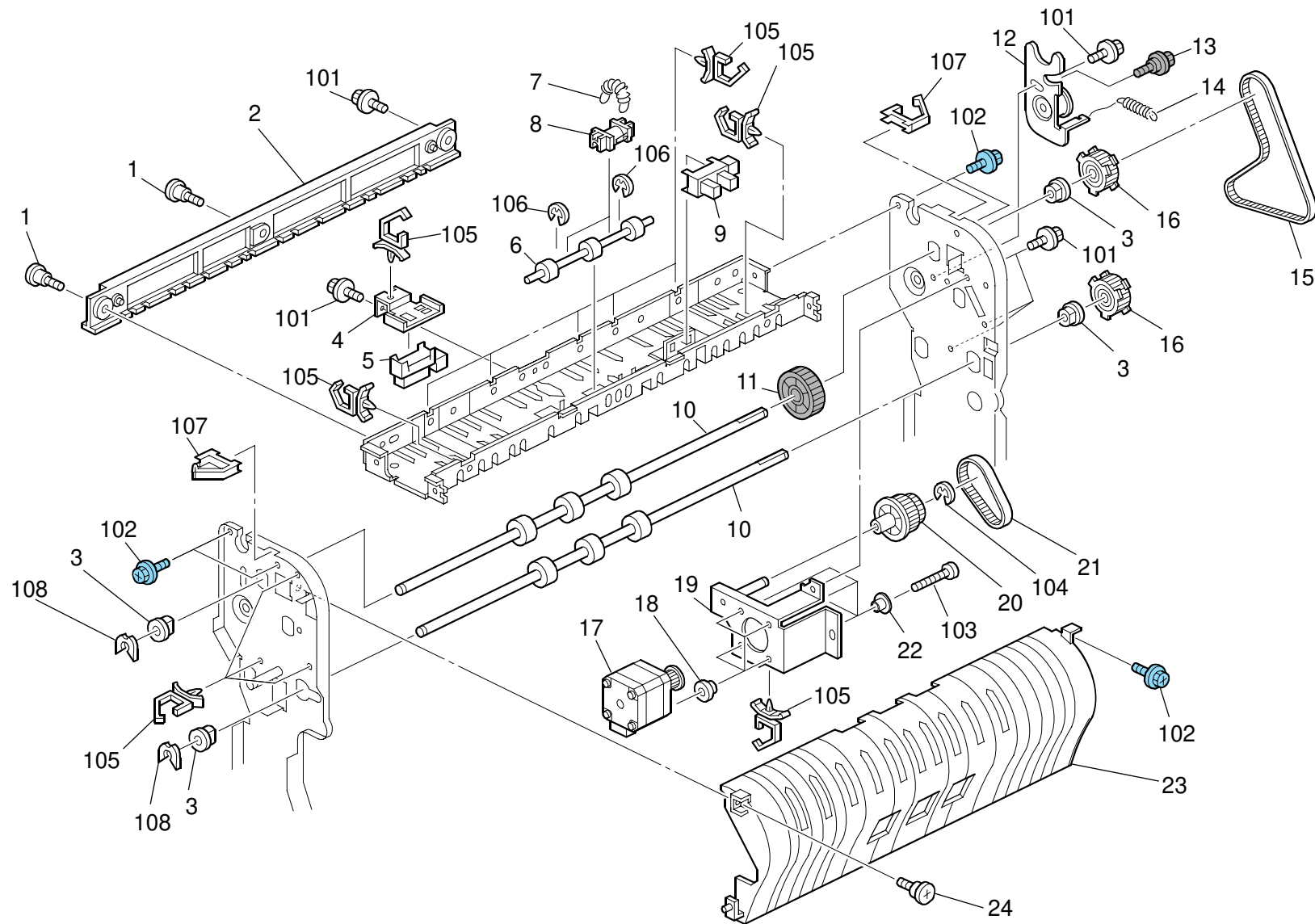


## 19.Duplex Unit 1 (G133)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | B223 4534 | Inner Cover:Duplex              | 1                 |
| 2         | B223 4533 | Inner Cover:Duplex:Rear         | 1                 |
| 3         | B223 4579 | Grip:Open And Close:Duplex Unit | 1                 |
| 4         | B223 4599 | Hook:Stopper:Duplex Unit:Ass'y  | 1                 |
| 5         | B223 4532 | Tension Spring:Hook:Stopper     | 1                 |
| 6         | B223 4482 | Inner Cover:Sensor              | 1                 |
| 7         | B223 4525 | Tension Spring:Wire:180n        | 1                 |
| 8         | B223 4559 | Driven Roller:Dia16             | 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        | B223 4540 | Cover:Duplex                    | 1                 |
| 14        | B223 2665 | Spring:Cover:Manual Feed        | 2                 |
| 15        | B223 2664 | Cover:Manual Feed:Entrance      | 1                 |
| 16        | B223 4539 | Sheet:Cover:Duplex              | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0720 0030E | Retaining Rings-E:3 |                   |
| 103       | 0451 3008N | Tapping Screw:3X8   |                   |

## 20. Duplex Unit 2 (G133)

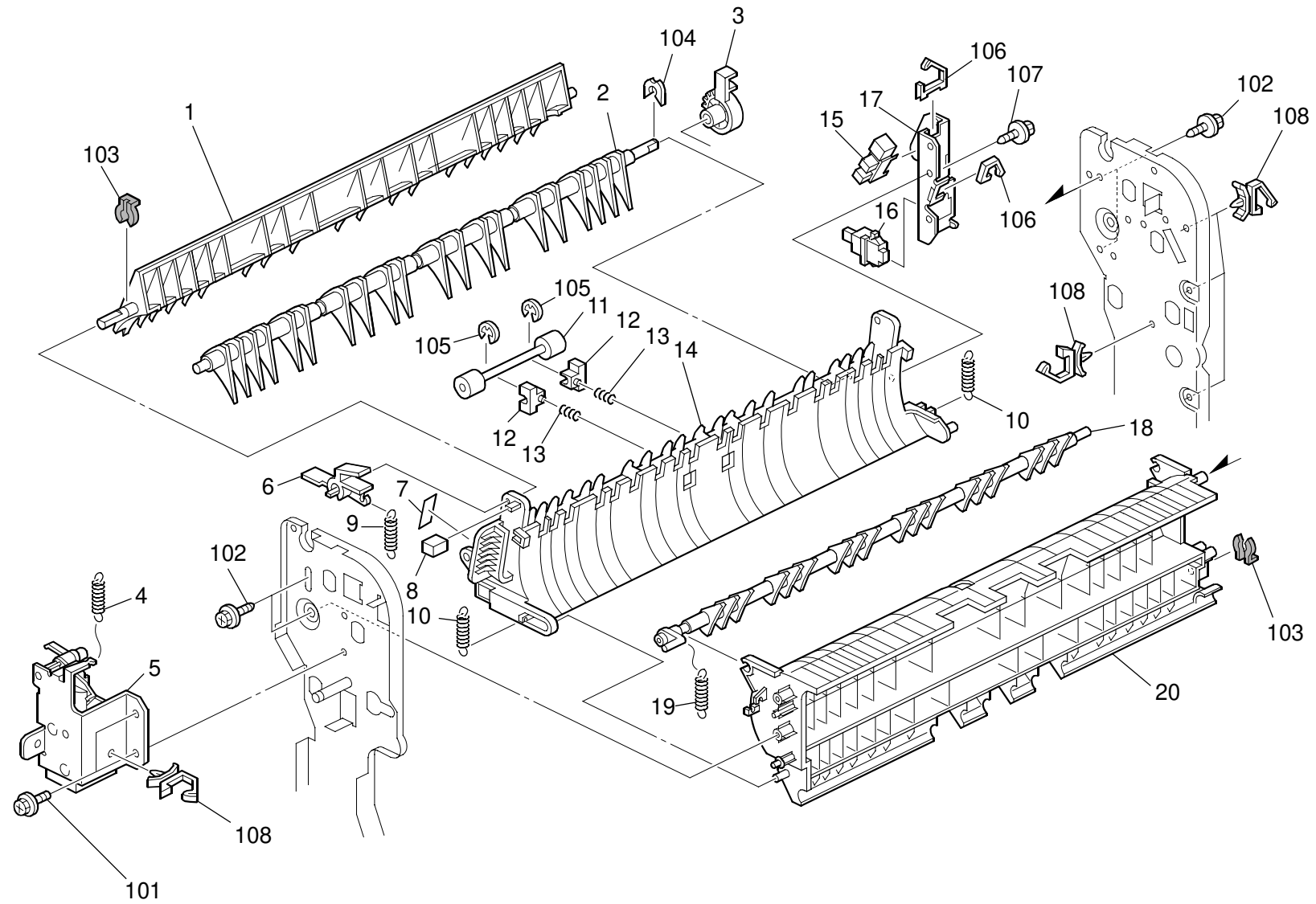


## 20.Duplex Unit 2 (G133)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | AA14 3807 | Screw:A                         | 2                 |
| 2         | B223 4483 | Guide Plate:Upper:Gate          | 1                 |
| 3         | AA08 2104 | Bushing - 8x12x7                | 4                 |
| 4         | B223 4566 | Bracket:Sensor:Entrance         | 1                 |
| 5         | AW01 0107 | Paper Feed Sensor               | 1                 |
| 6         | B223 4559 | Driven Roller:Dia16             | 1                 |
| 7         | B223 4560 | Tension Spring:Driven Roller    | 2                 |
| 8         | B223 4552 | Bushing:Dia4                    | 2                 |
| 9         | AW02 0145 | Photointerruptor:Flat           | 1                 |
| 10        | B223 4537 | Reverse Roller:Feed Paper Again | 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        | 5840 3022 | Stopper Screw - M3              | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0454 3006Q | Tapping Screw::3X6  |                   |
| 103       | 0353 0100N | Screw-m3x10         |                   |
| 104       | 0720 0040E | Retaining Ring - M4 |                   |
| 105       | 1105 0511  | Clamp:Lwsm-0306     |                   |
| 106       | 0720 0030E | Retaining Rings-E:3 |                   |
| 107       | 1105 0551  | Clamp:LES-0505      |                   |
| 108       | 0805 0088  | Retaining Ring - M6 |                   |

## 21. Duplex Unit 3 (G133)

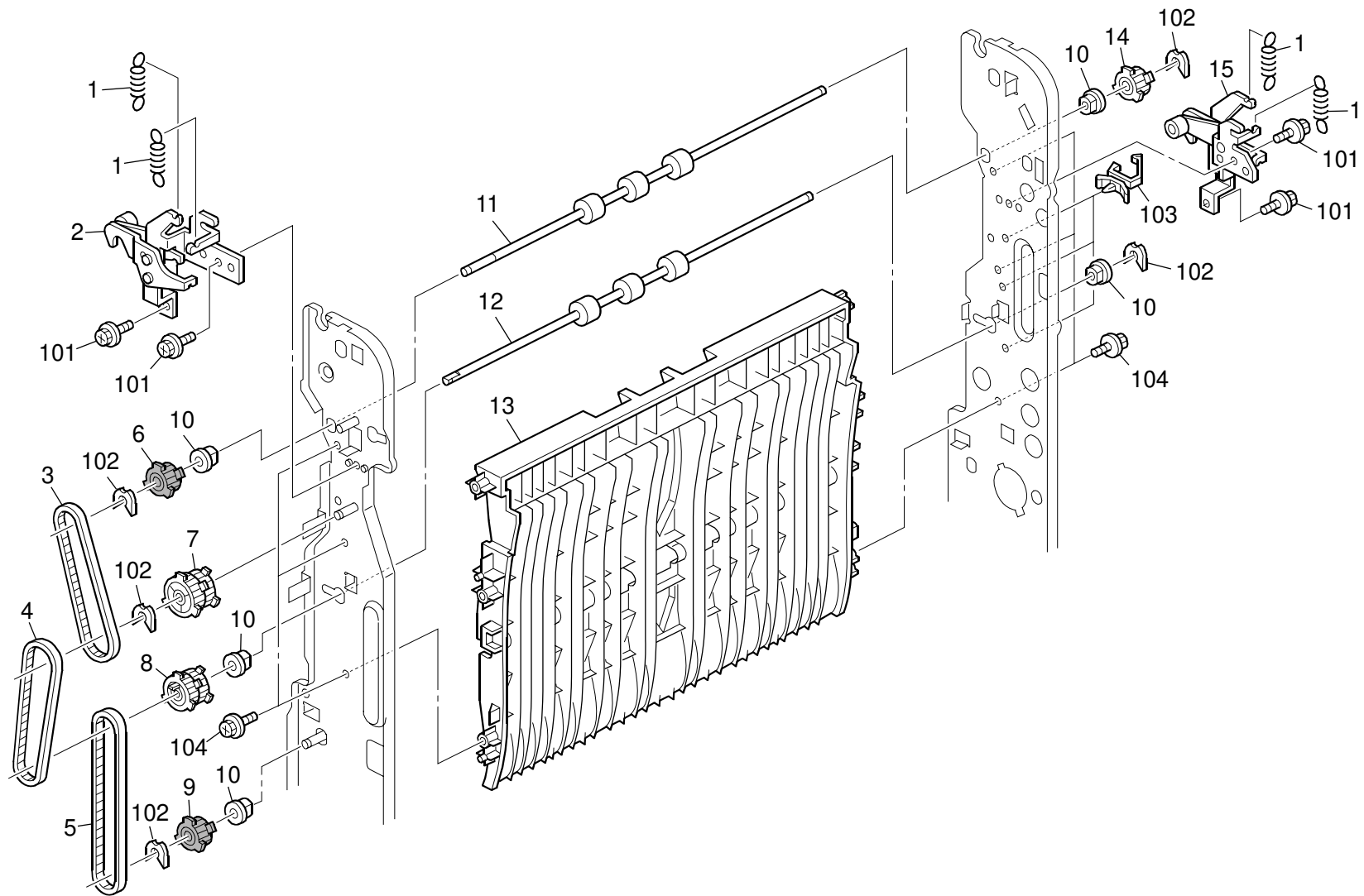


## 21.Duplex Unit 3 (G133)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | B223 4495 | Gate Pawl:Upper                  | 1                 |
| 2         | B223 4475 | Gate Pawl:Entrance               | 1                 |
| 3         | B223 4472 | Gear:21Z                         | 1                 |
| 4         | B223 4584 | Tension Spring:Lever             | 1                 |
| 5         | B223 4581 | DC Solenoid:Duplex               | 1                 |
| 6         | B223 4477 | Lever:Gate Pawl:Upper            | 1                 |
| 7         | B223 4492 | Decal:Open And Close             | 1                 |
| 8         | B223 4478 | Stopper:Gate Pawl:Upper          | 1                 |
| 9         | B223 4479 | Tension Spring:Gate Pawl:1.6n    | 1                 |
| 10        | B223 4485 | Tension Spring:10n               | 2                 |
| 11        | B223 4474 | Driven Roller:Dia16              | 1                 |
| 12        | G060 4435 | Bushing - M4                     | 2                 |
| 13        | B223 4484 | Compression Spring:Driven Roller | 2                 |
| 14        | B223 4471 | Guide Plate:Open And Close       | 1                 |
| 15        | AW02 0145 | Photointerruptor:Flat            | 1                 |
| 16        | AW50 0023 | Push Switch                      | 1                 |
| 17        | B223 4481 | Bracket:Paper Exit Unit:Rear     | 1                 |
| 18        | B223 4578 | Gate Pawl:Duplex                 | 1                 |
| 19        | B223 4589 | Tension Spring:Gate Pawl:0.5n    | 1                 |
| 20        | B223 4503 | Guide Plate:Left Upper           | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6     |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8  |                   |
| 103       | 0805 0097  | Ring Separator        |                   |
| 104       | 0805 0089  | Retaining Ring - M4   |                   |
| 105       | 0720 0030E | Retaining Rings-E:3   |                   |
| 106       | 1105 0551  | Clamp:LES-0505        |                   |
| 107       | 0450 3010N | Tapping Screw - M3x10 |                   |
| 108       | 1105 0511  | Clamp:Lwsm-0306       |                   |

## 22.Duplex Unit 4 (G133)



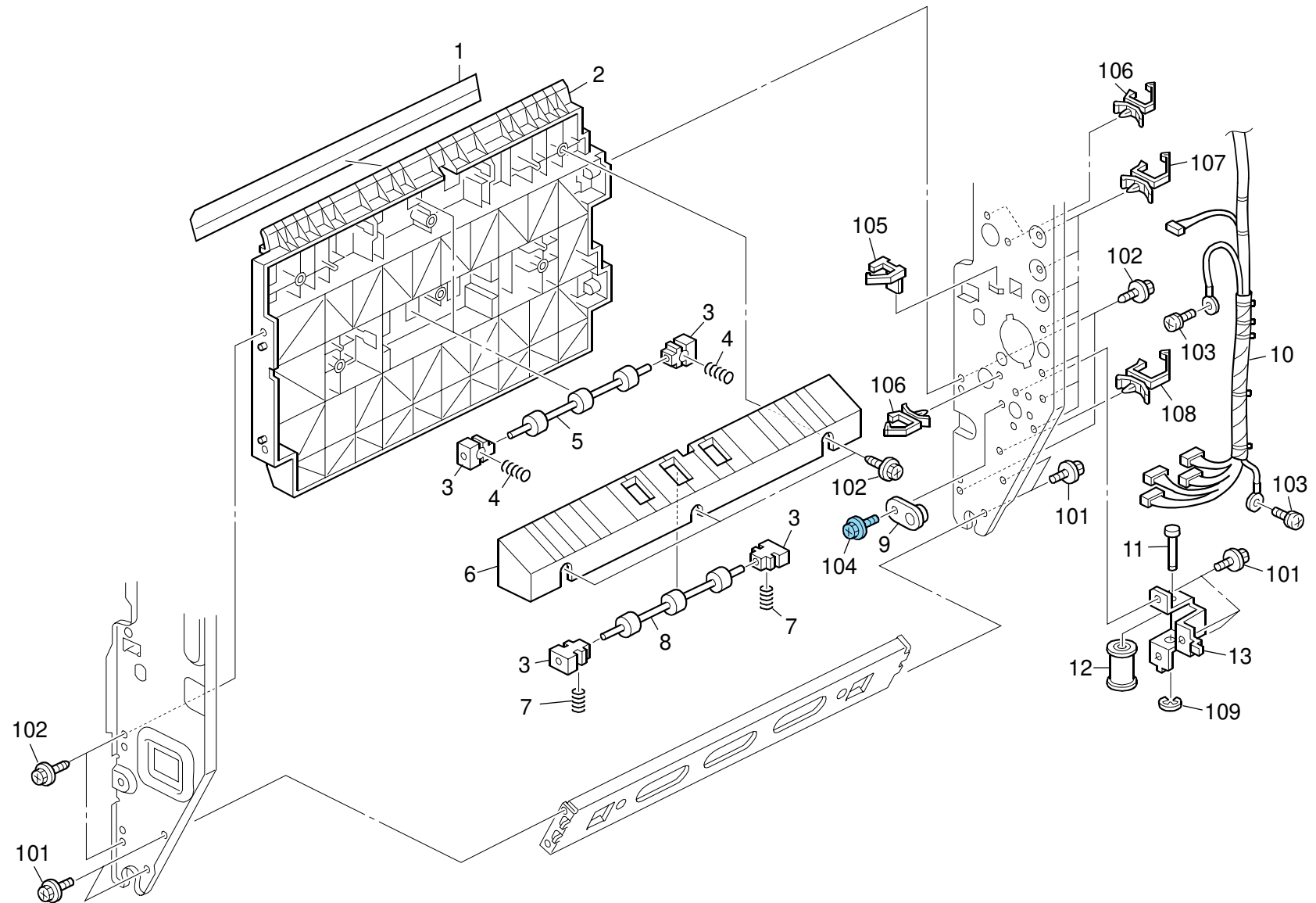
## 22.Duplex Unit 4 (G133)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | AA06 1013 | Tension Spring:Arm:Duplex | 4                 |
| 2         | B223 4321 | Arm:Front                 | 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 2101 | Bushing - 6x10x6          | 5                 |
| 11        | B223 4513 | Transport Roller:No.1     | 1                 |
| 12        | B223 4543 | Transport Roller:No.2     | 1                 |
| 13        | B223 4502 | Guide Plate:Left Lower    | 1                 |
| 14        | B223 4514 | Roller Clutch:T24         | 1                 |
| 15        | B223 4320 | Arm:Rear                  | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0805 0089  | Retaining Ring - M4  |                   |
| 103       | 1105 0511  | Clamp:Lwsm-0306      |                   |
| 104       | 0450 3008N | Tapping Screw - M3x8 |                   |



## 23. Duplex Unit 5 (G133)

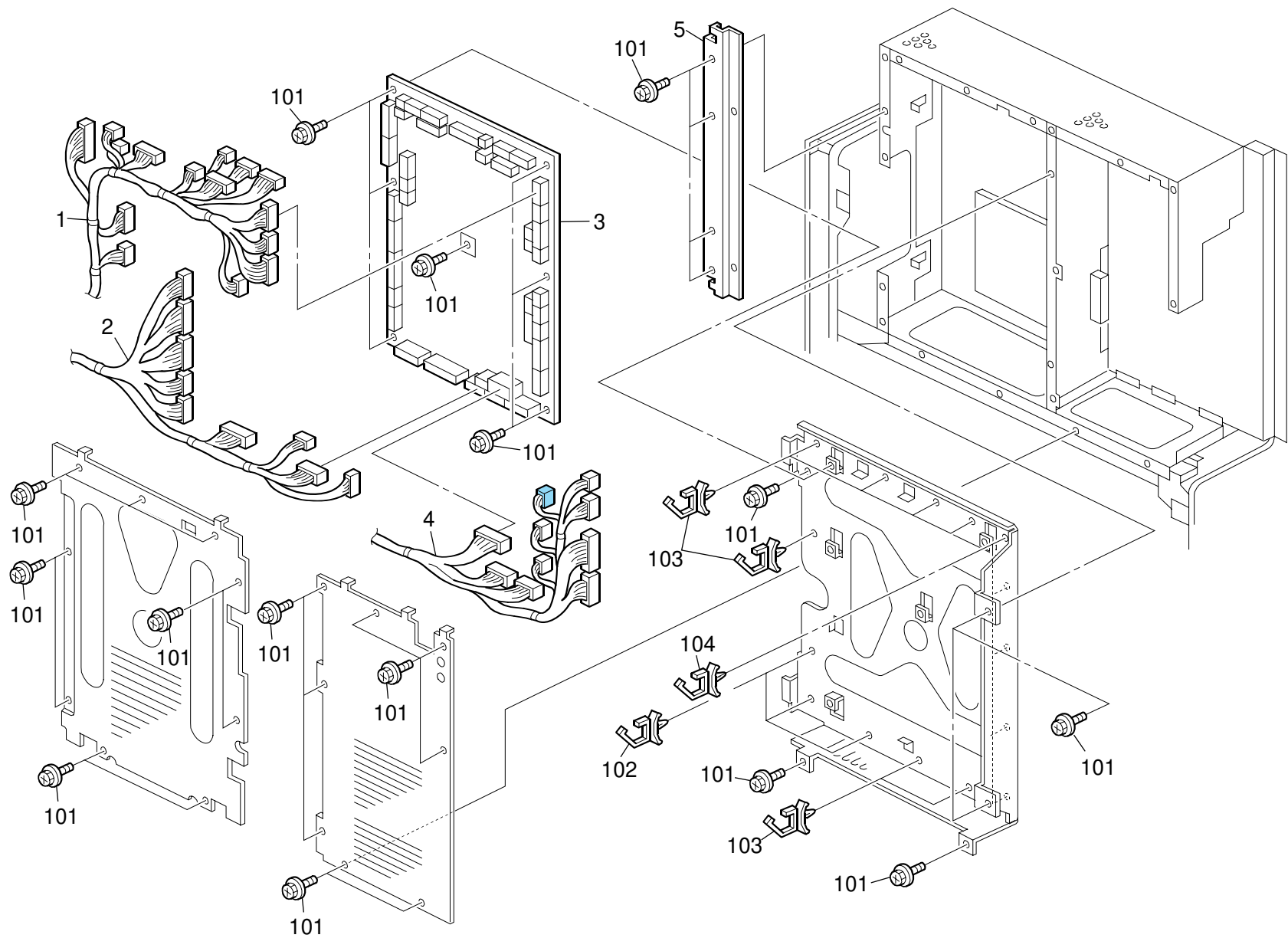


### 23.Duplex Unit 5 (G133)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | B223 2677 | Sheet - Transport Sub-unit       | 1                 |
| 2         | B223 2675 | Guide Plate - Vertical Transport | 1                 |
| 3         | G060 2652 | Bushing - M4                     | 6                 |
| 4         | B223 2676 | Spring - 11n                     | 4                 |
| 5         | AF02 0646 | Vertical Transport Roller        | 2                 |
| 6         | B223 2648 | Guide Plate:Transport Unit:Exit  | 1                 |
| 7         | B223 2649 | Spring:Pressure:5n               | 2                 |
| 8         | B223 2641 | Roller:Driven:Dia16              | 1                 |
| 9         | B223 4522 | Spacer:Wire:Stopper              | 1                 |
| 10        | B223 4587 | Harness:Duplex Md                | 1                 |
| 11        | B223 4594 | Shaft:Pulley:Wire                | 1                 |
| 12        | B223 4595 | Pulley:DIA13                     | 1                 |
| 13        | B223 4596 | Bracket:Shaft:Pulley:Wire        | 1                 |

| Index No. | Part No.   | Description                   | Q'ty Per Assembly |
|-----------|------------|-------------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6             |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8          |                   |
| 103       | 0801 0149  | Philips Pan Head Screw - M4x6 |                   |
| 104       | 0454 3006Q | Tapping Screw::3X6            |                   |
| 105       | 1105 0568  | Clamp:LWSS-0504               |                   |
| 106       | 1105 0511  | Clamp:Lwsm-0306               |                   |
| 107       | 1105 0516  | Clamp:Lwsm-0511               |                   |
| 108       | 1105 0508  | Harness Clamp - LWS-0711      |                   |
| 109       | 0720 0040E | Retaining Ring - M4           |                   |

24.Electrical Section 1 (G133)

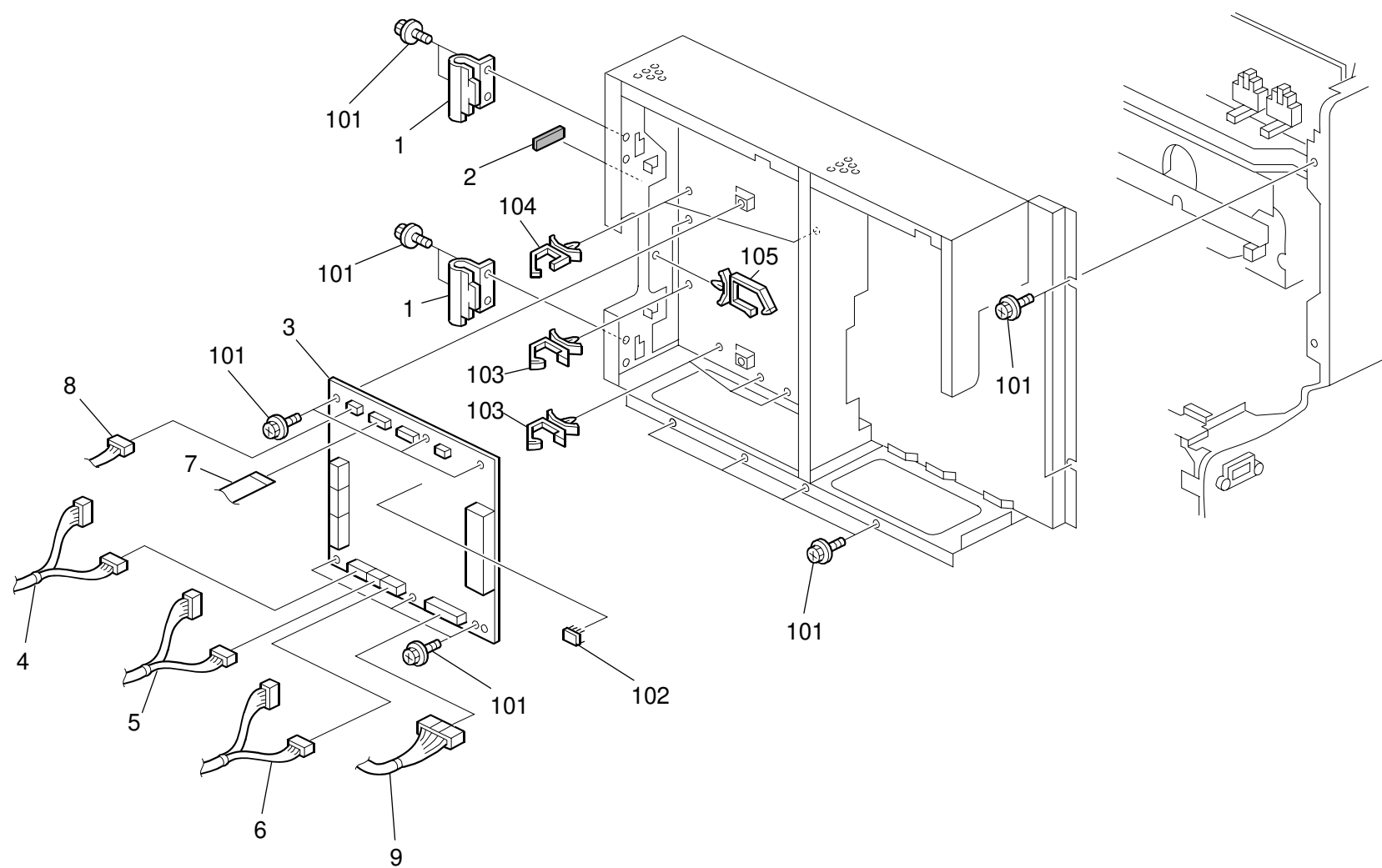


## 24.Electrical Section 1 (G133)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | B223 5302 | Harness:IOB:Main:Upper     | 1                 |
| 2         | B222 5300 | Harness:IOB:Main:Lower     | 1                 |
| 3         | B223 5120 | PCB:IOB:AP-C1/P1           | 1                 |
| 4         | B223 5301 | Harness:IOB:Main:Middle    | 1                 |
| 5         | B223 5816 | Plate:Rack:Auxiliary:Right | 1                 |

| Index No. | Part No.   | Description       | Q'ty Per Assembly |
|-----------|------------|-------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6 |                   |
| 102       | 1105 0490  | Clamp:Lws-2218Z   |                   |
| 103       | 1105 0489  | Clamp:Lws-1316Z   |                   |
| 104       | 1105 0487  | Clamp:Lws-0511Z   |                   |

25.Electrical Section 2 (G133)

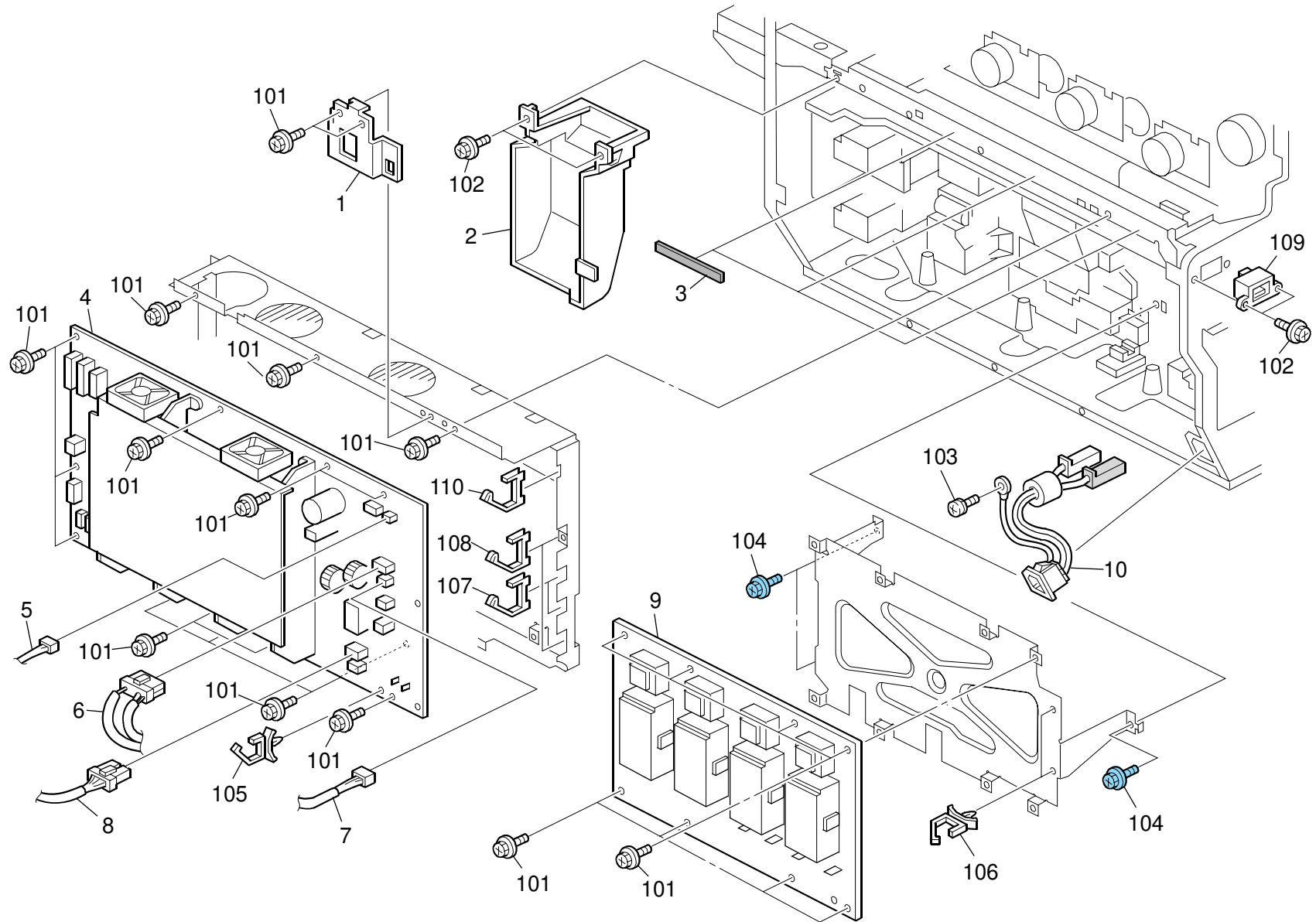


## 25.Electrical Section 2 (G133)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | B223 5812 | Hinge:Panel:Control Board        | 2                 |
| 2         | B223 5863 | Gasket:Egun1-0205:L23            | 1                 |
| 3         | G133 5162 | PCB:EGB:AP-P:ASS'Y               | 1                 |
| 4         | B223 5244 | Harness:IPU:LD-Signal:2LD        | 1                 |
| 5         | B223 5246 | Harness:IPU:LD-Data:2LD          | 1                 |
| 6         | B223 5248 | Harness:IPU:Sync Detector:Mirror | 1                 |
| 7         | G133 5327 | Harness:IOB:EGB                  | 1                 |
| 8         | G133 5328 | Harness:EGB:TM/P:Sensor          | 1                 |
| 9         | G133 5343 | Harness:Power Supply Unit        | 1                 |

| Index No. | Part No.   | Description       | Q'ty Per Assembly |
|-----------|------------|-------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6 |                   |
| 102       | 1407 6362  | EEPROM:Br24I64-W  |                   |
| 103       | 1105 0488  | Harness Clamp     |                   |
| 104       | 1105 0516  | Clamp:Lwsm-0511   |                   |
| 105       | 1105 0490  | Clamp:Lws-2218Z   |                   |

## 26.Electrical Section 3 (G133)



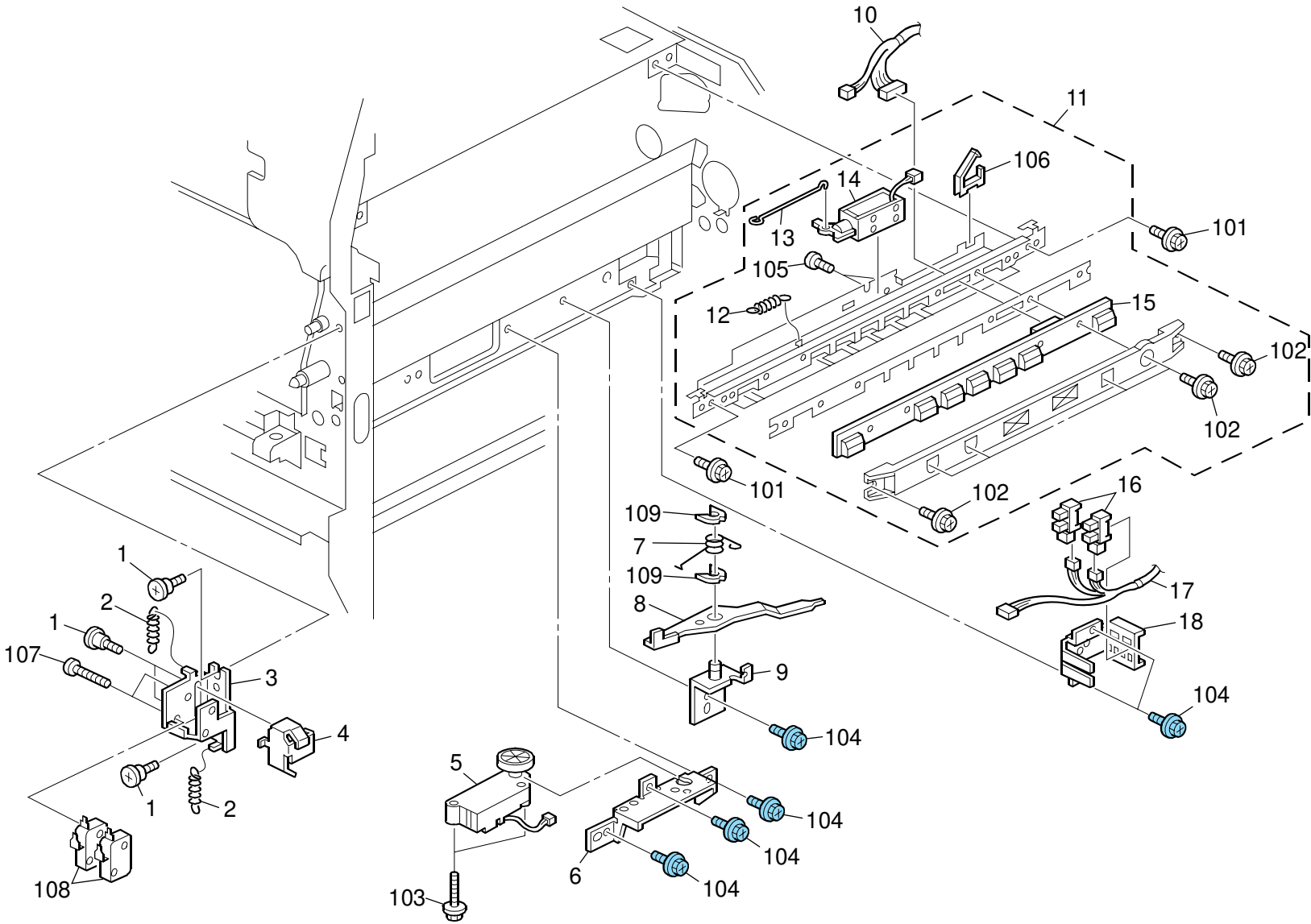
## 26.Electrical Section 3 (G133)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | B223 5857 | Bracket:Sw:Dehumidifier:Heater:EXP  | 1                 |
| 2         | B223 1239 | Duct:Rear:Lower                     | 1                 |
| 3         | B223 5861 | Gasket:Etnw100-00505:L90            | 3                 |
| 4         | AZ24 0109 | Power Supply Unit:494W:DOM/NA       | 1                 |
| 4         | AZ24 0110 | Power Supply Unit:494W:EU/AA:APO-C1 | 1                 |
| 5         | B223 5336 | Harness:PSU:JIGU                    | 1                 |
| 6         | G133 5346 | Harness:Power Supply Unit           | 1                 |
| 7         | B223 5332 | Harness:PSU:SW:NA                   | 1                 |
| 8         | B223 5331 | Harness:AC:IH:Power Supply Unit     | 1                 |
| 8         | B223 5338 | Harness:AC:IH:Power Supply Unit:EU  | 1                 |
| 9         | AZ32 0165 | Power Pack:CB:APO-C/P:-80mic        | 1                 |
| 10        | B223 5333 | Harness:AC:Inlet                    | 1                 |

| Index No. | Part No.   | Description            | Q'ty Per Assembly |
|-----------|------------|------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6      |                   |
| 102       | 0451 3008N | Tapping Screw:3X8      |                   |
| 103       | 0954 4008N | Screw - M4X8           |                   |
| 104       | 0454 3006Q | Tapping Screw::3X6     |                   |
| 105       | 1105 0488  | Harness Clamp          |                   |
| 106       | 1105 0487  | Clamp:Lws-0511Z        |                   |
| 107       | 1105 0614  | Clamp - EDS-1710L-V0   |                   |
| 108       | 1105 0613  | Clamp:EDS-1010L-V0     |                   |
| 109       | 1102 8502  | Connector - 54679-1615 |                   |
| 110       | 1105 0612  | Clamp:EDS-0704L-V0     |                   |



27.Electrical Section 4 (G133)

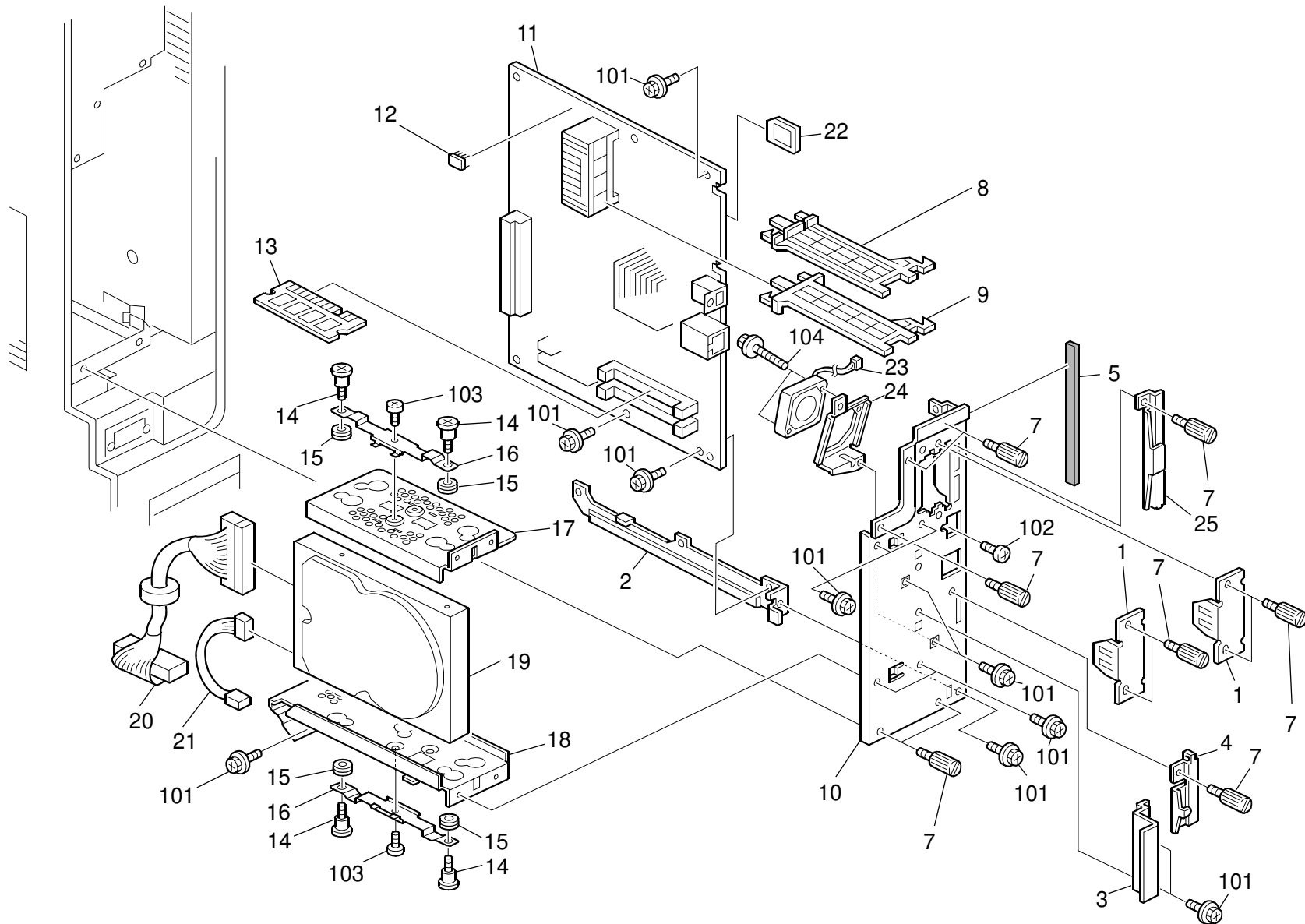


## 27.Electrical Section 4 (G133)

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 1         | AA14 3520 | Screw:M3                                 | 3                 |
| 2         | AA06 3568 | Spring:Pressure:Pickup                   | 2                 |
| 3         | B223 5813 | Bracket:Safety Switch                    | 1                 |
| 4         | B223 5814 | Bracket:Lever:Safety Switch              | 1                 |
| 5         | B223 1213 | DC Motor:Shutter:Unit:DC24V 3.6W         | 1                 |
| 6         | B223 1212 | DC Motor Bracket                         | 1                 |
| 7         | B223 1224 | Torsion Spring                           | 1                 |
| 8         | B223 1225 | Shutter Link                             | 1                 |
| 9         | B223 1221 | Sensor Link Bracket                      | 1                 |
| 10        | B223 5309 | Harness:IOB:Connecting:TM/P:Sensor       | 1                 |
| 11        | B223 5876 | Density Sensor:Ass'Y                     | 1                 |
| 12        | AA06 0151 | Tension Spring:Shutter:Sensor:TM         | 1                 |
| 13        | B238 5867 | Hook:Solenoid:Sensor:TM                  | 1                 |
| 14        | B238 5875 | Dc Solenoid:Shutter:Density Sensor:Ass'Y | 1                 |
| 15        | B223 6395 | Density Sensor                           | 1                 |
| 16        | GW02 0020 | Photointerruptor:Lg248nl1                | 2                 |
| 17        | B223 5313 | Harness:IOB:Ld Unit:Shutter              | 1                 |
| 18        | B223 1227 | Sensor Shutter Bracket                   | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6     |                   |
| 102       | 0451 3008N | Tapping Screw:3X8     |                   |
| 103       | 0451 3025N | Tapping Screw:M3x25   |                   |
| 104       | 0454 3006Q | Tapping Screw::3X6    |                   |
| 105       | 0312 5040N | Pan Head Screw!M2.5X4 |                   |
| 106       | 1105 0612  | Clamp:Eds-0704L-V0    |                   |
| 107       | 0353 0250N | Screw:M3X25           |                   |
| 108       | 1204 2709  | Switch:V-5F930Dn      |                   |
| 109       | 0805 0088  | Retaining Ring - M6   |                   |

## 28.Electrical Section 5 (G133)

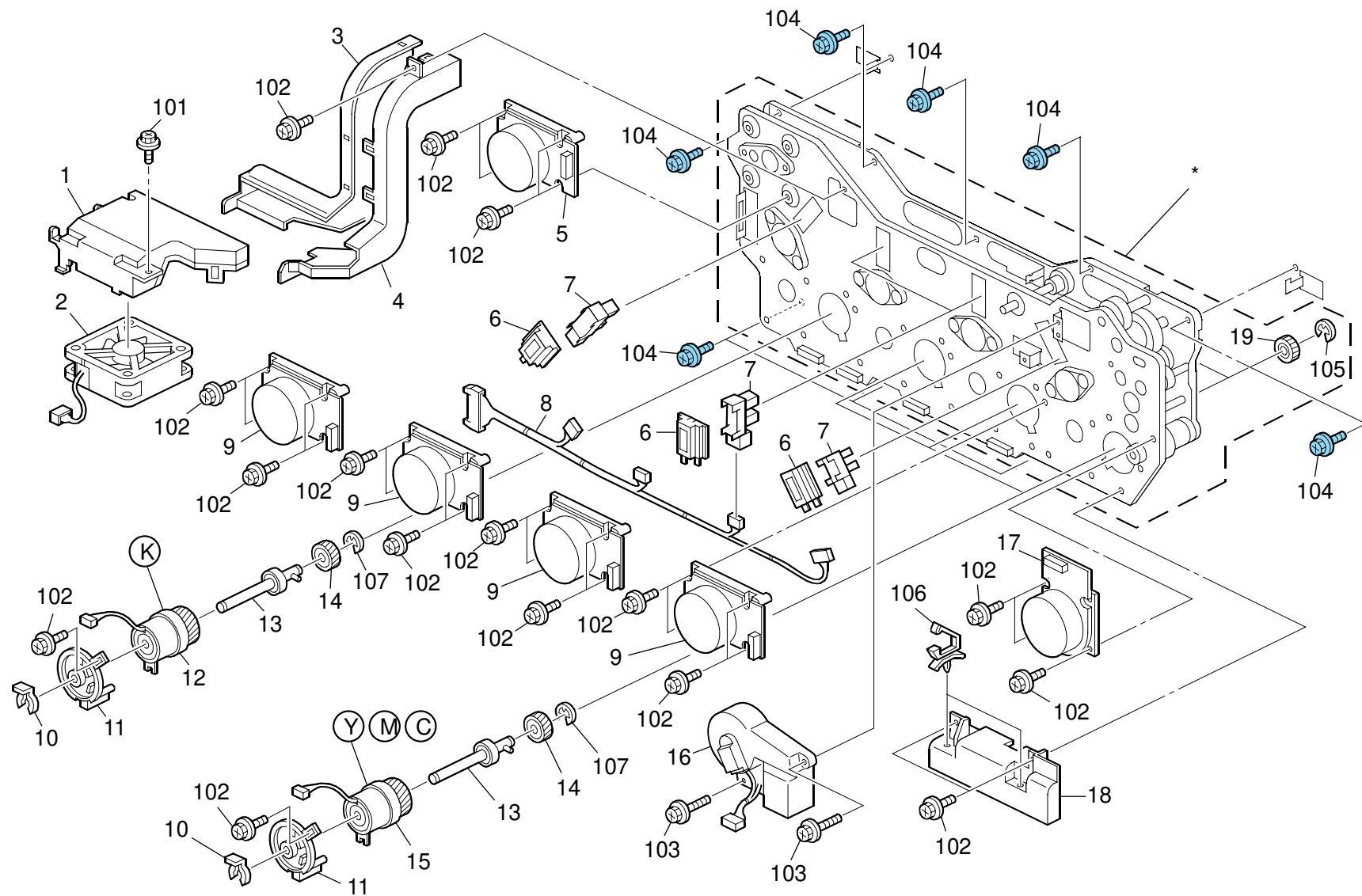


## 28.Electrical Section 5 (G133)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | B154 5869 | Panel:Interface:Secc           | 2                 |
| 2         | G133 5822 | Supporter:Lower                | 1                 |
| 3         | B223 5823 | Grip:Rack:Left Lower           | 1                 |
| 4         | G133 5863 | Cover:Sd-card:P1:Lower         | 1                 |
| 5         | B223 5862 | Gasket:Egun1-0105:L240         | 1                 |
| 7         | G104 5141 | Knob Screw:M3                  | 7                 |
| 8         | G133 5795 | Rail:Right                     | 1                 |
| 9         | G133 5796 | Rail:Left                      | 1                 |
| 10        | G133 5821 | Rack:Auxiliary:Left Lower:P1d  | 1                 |
| 11        | G133 5701 | PCB:Type-JBX4                  | 1                 |
| 12        | 1407 6465 | Ram:Fm25l256-pg(rev.ag)        | 1                 |
| 13        | G332 5730 | PCB:SDRAM-DIMM:256Mb:CHN:Ass'y | 1                 |
| 14        | AA14 3499 | Stepped Screw                  | 4                 |
| 15        | AA16 1162 | Bushing:HDD                    | 4                 |
| 16        | B223 5877 | Spring Plate:Screw:HDD         | 2                 |
| 17        | B223 5825 | Bracket:Insulator:HDD:Upper    | 1                 |
| 18        | B223 5826 | Bracket:Insulator:HDD          | 1                 |
| 19        | B179 5995 | HDD:Hitachi:40gb:Path-kai:Rohs | 1                 |
| 20        | G874 5801 | Harness:HDD                    | 1                 |
| 21        | G133 5797 | Harness:HDD:Power Source:Apd   | 1                 |
| 22        | G133 5740 | SD-Card                        | 1                 |
| 23        | B237 5721 | Fan Motor - Mm42x10.5 DC5V     | 1                 |
| 24        | G133 5827 | Bracket:Fan:Control Board:P1   | 1                 |
| 25        | G133 5862 | Cover:SD-Card:P1:Upper         | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0353 0060N | Bind Screw - M3x6    |                   |
| 103       | 0353 0030N | Screw:M3X3           |                   |
| 104       | 0451 3016N | Tapping Screw - 3x16 |                   |

## 29. Drive Section 1 (G133)

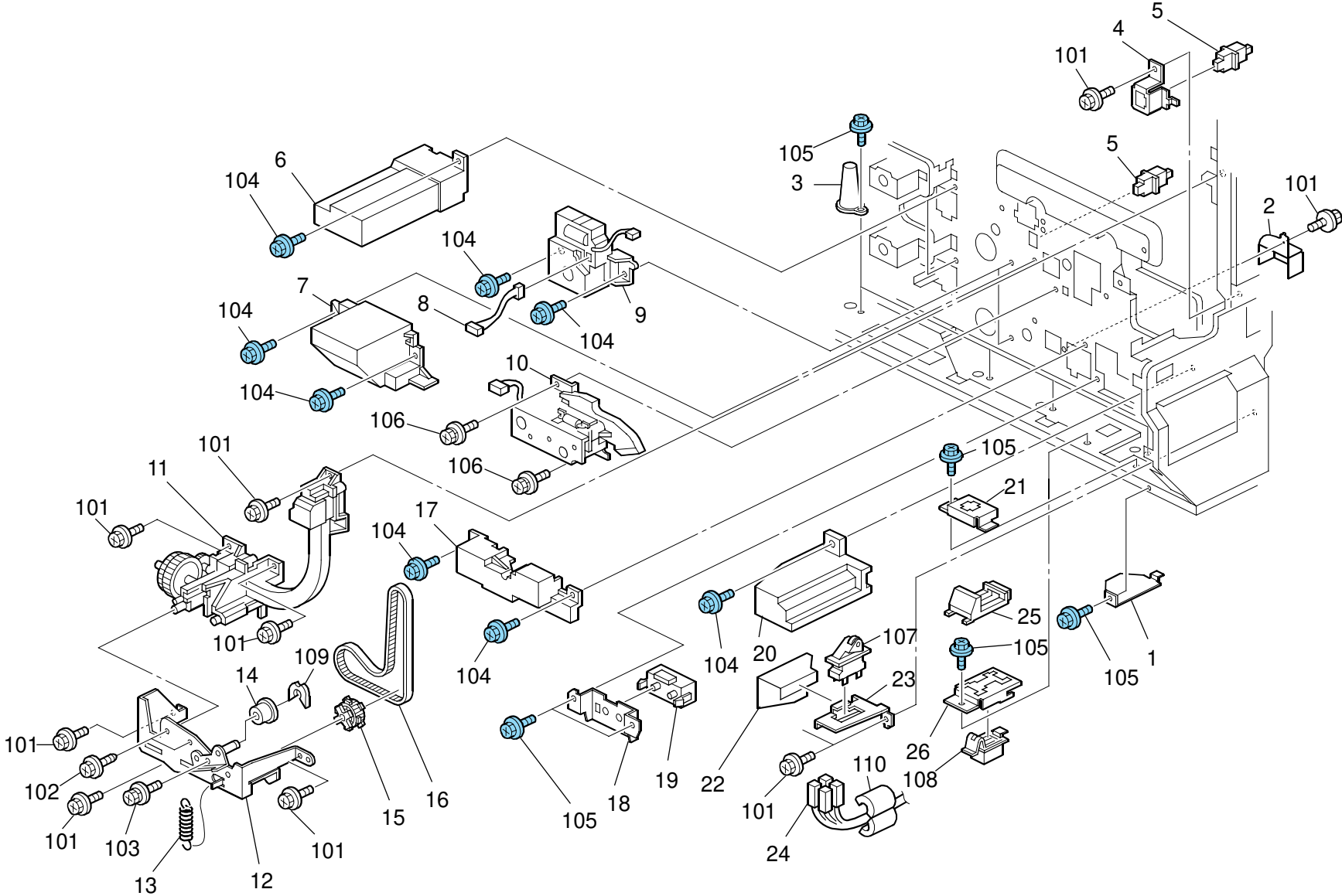


## 29.Drive Section 1 (G133)

| Index No. | Part No.  | Description                        | Q'ty Per Assembly |
|-----------|-----------|------------------------------------|-------------------|
| *         | B223 1125 | Drive Unit                         | 1                 |
| 1         | B223 1236 | Duct:Rear:1                        | 1                 |
| 2         | AX64 0179 | Fan Motor:DC24V 2.4W               | 1                 |
| 3         | B223 1238 | Duct:Rear:3                        | 1                 |
| 4         | B223 1237 | Duct:Rear:2                        | 1                 |
| 5         | AX05 0249 | Brushless Motor DC24V8W            | 1                 |
| 6         | B223 1144 | Holder:Positioning Sensor          | 3                 |
| 7         | AW02 0145 | Photointerruptor:Flat              | 3                 |
| 8         | B223 5350 | Harness:IOB:Connecting:Drum:Sensor | 1                 |
| 9         | AX06 0308 | Brushless Motor:DC24V 25W          | 4                 |
| 10        | AA10 0015 | Snap Ring - M6                     | 4                 |
| 11        | B223 1370 | Holder:Magnetic Clutch             | 4                 |
| 12        | AX20 0300 | Magnetic Clutch:0.5n.m             | 1                 |
| 13        | B223 1148 | Shaft:Development                  | 4                 |
| 14        | AB01 0367 | Gear - 23Z                         | 4                 |
| 15        | AX20 0299 | Magnetic Clutch:0.5n.m             | 3                 |
| 16        | B223 1199 | DC Motor 24V                       | 1                 |
| 17        | GX06 0015 | Brushless Motor:Drive:Paper Feed   | 1                 |
| 18        | B223 1364 | Guide:Harness                      | 1                 |
| 19        | AB01 0368 | Gear - 45Z                         | 4                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0360 3006N | Screw:M3X6          |                   |
| 103       | 0360 3016N | Screw - M3X16       |                   |
| 104       | 0454 3006Q | Tapping Screw::3X6  |                   |
| 105       | 0720 0060E | Retaining Ring - M6 |                   |
| 106       | 1105 0516  | Clamp:Lwsm-0511     |                   |
| 107       | 0720 0040E | Retaining Ring - M4 |                   |

### 30.Drive Section 2 (G133)



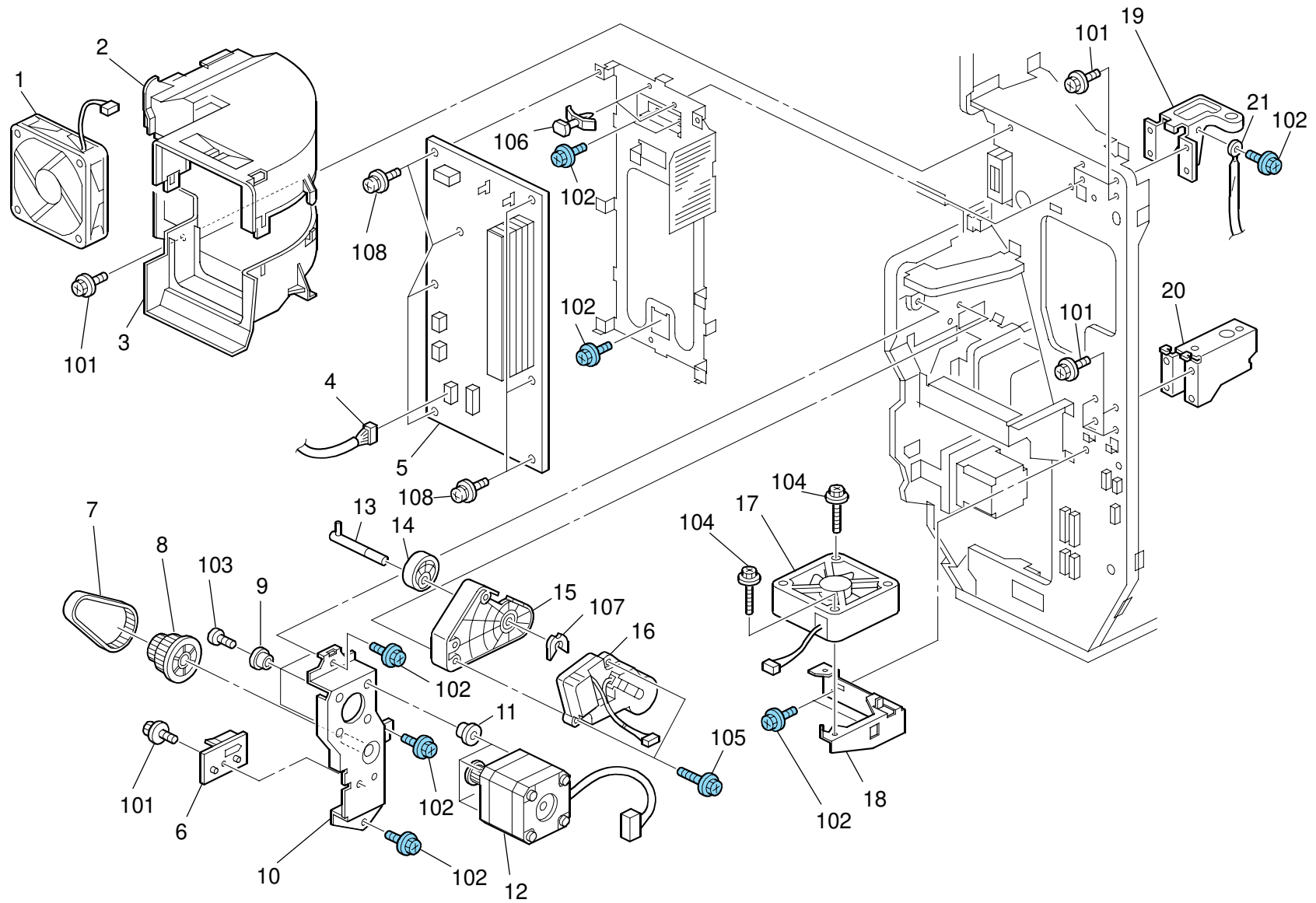
### 30.Drive Section 2 (G133)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | B223 5849 | Cover:Connector:Heater        | 1                 |
| 2         | B223 2727 | Cover - Connector             | 1                 |
| 3         | B238 1089 | Cover - Positioning Pin       | 4                 |
| 4         | B223 6507 | Set Sensor Bracket            | 1                 |
| 5         | AW50 0023 | Push Switch                   | 2                 |
| 6         | B238 2541 | Tray Cover - Right            | 2                 |
| 7         | B238 2544 | Tray Cover - Middle           | 1                 |
| 8         | B238 5325 | Harness - Paper Volume Sensor | 2                 |
| 9         | AX04 0154 | DC Motor 24V                  | 2                 |
| 10        | B223 2730 | Paper Tray Stopper Ass'y      | 1                 |
| 11        | B223 6481 | Rear Pipe Ass'y               | 1                 |
| 12        | B223 1174 | Drive Unit:Collection Bottle  | 1                 |
| 13        | AA06 0722 | Tension Spring                | 1                 |
| 14        | AB03 0551 | Pulley:Idler:FUSING           | 1                 |
| 15        | AB03 0783 | Pulley - 34T                  | 1                 |
| 16        | AA04 3583 | Timing Belt - S2M460          | 1                 |
| 17        | B223 2722 | Cover                         | 1                 |
| 18        | B223 2721 | Bracket:Push Switch           | 1                 |
| 19        | AW50 0038 | Push Switch:Paper Size Sensor | 1                 |
| 20        | B238 2543 | Cover - Tray Left             | 1                 |
| 21        | B223 5848 | Bracket:Base:Connector        | 1                 |
| 22        | B238 5828 | Sheet:Main Switch             | 1                 |
| 23        | B238 5827 | Bracket:Main Switch           | 1                 |
| 24        | B223 5330 | Harness:AC:Switch             | 1                 |
| 25        | B238 1088 | Cover - Connector             | 1                 |
| 26        | B223 1065 | Connector Bracket             | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6                 |                   |
| 102       | 0450 3008N | Tapping Screw - M3x8              |                   |
| 103       | 0801 0231  | Hexagonal Head Bolt W/washer:M3x6 |                   |
| 104       | 0454 3008Q | Tapping Screw:3x8                 |                   |
| 105       | 0454 3006Q | Tapping Screw::3X6                |                   |
| 106       | 0802 5299  | Tapping Screw - M3x8              |                   |
| 107       | 1204 2704  | Switch:Rs1A-Ab11                  |                   |
| 108       | 1102 8534  | Connector - QR/P17-14S-B          |                   |
| 109       | 0805 0089  | Retaining Ring - M4               |                   |
| 110       | 1607 0623  | Ferrite Core - Tfc-16-8-13        |                   |



### 31. Drive Section 3 (G133)

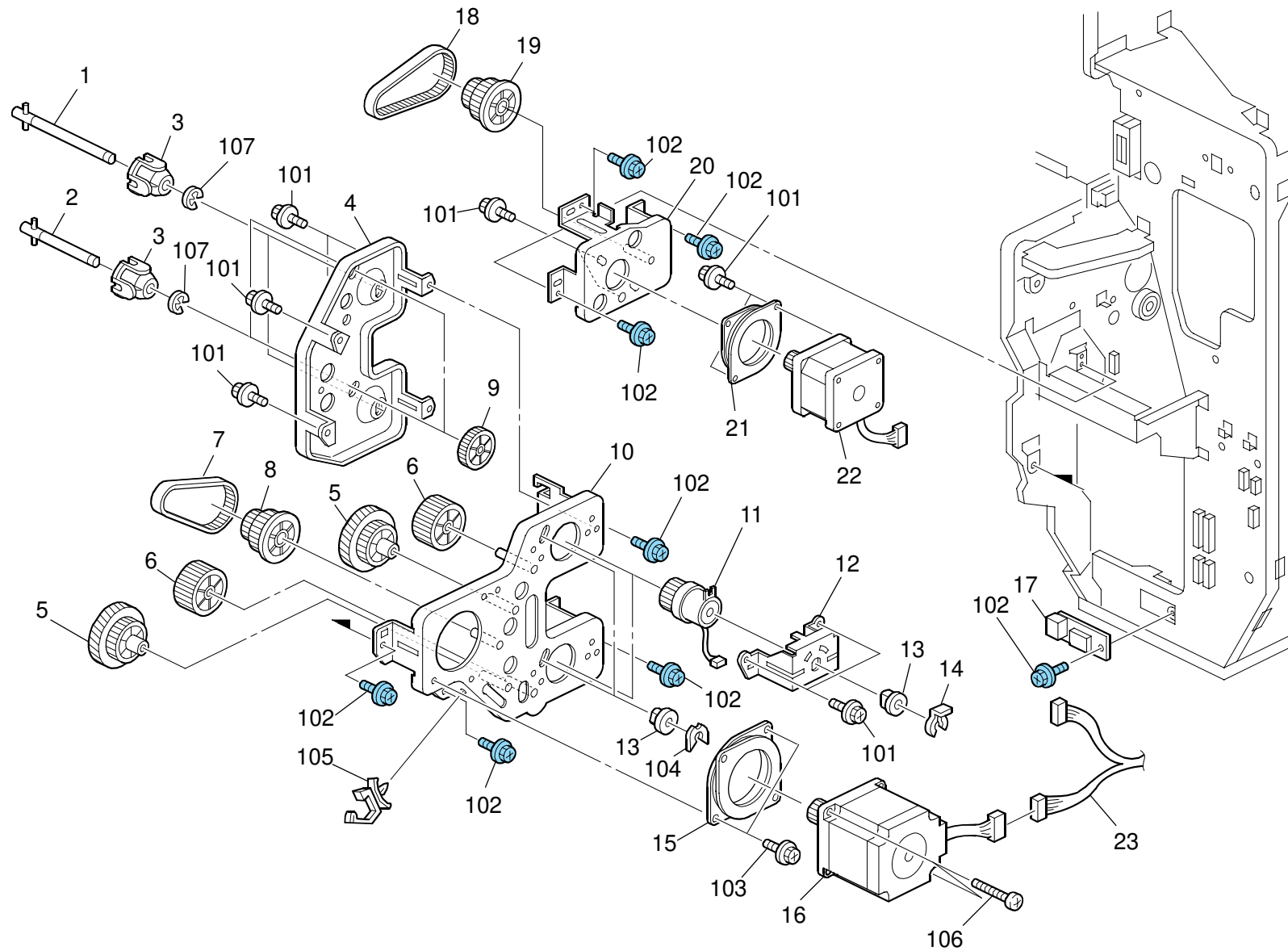


### 31. Drive Section 3 (G133)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | GX64 0020 | Fan Motor - DC24V               | 1                 |
| 2         | B223 1326 | Duct:Fusing                     | 1                 |
| 3         | B223 1327 | Duct:Fusing:Rear                | 1                 |
| 4         | B223 5305 | Harness:IOB:Connecting:IH       | 1                 |
| 5         | B223 5172 | Invertor:IH:EU                  | 1                 |
| 5         | B223 5170 | Invertor:IH                     | 1                 |
| 6         | B223 2694 | Guide:Gear                      | 1                 |
| 7         | B700 2649 | Timing Belt:40S2M144            | 1                 |
| 8         | AB01 7493 | Gear Pulley                     | 1                 |
| 9         | B044 1825 | Collar                          | 4                 |
| 10        | B223 2691 | Bracket:Stepper Motor           | 1                 |
| 11        | AA10 1021 | Rubber Bushing - 6 45hs         | 4                 |
| 12        | B223 2685 | Stepper Motor:DC24V 26.4W       | 1                 |
| 13        | B238 1225 | Shaft                           | 1                 |
| 14        | B238 1226 | Cam                             | 1                 |
| 15        | B238 1223 | Holder                          | 1                 |
| 16        | B223 1199 | DC Motor 24V                    | 1                 |
| 17        | B223 1332 | Fan Motor - Mm60 DC24V          | 1                 |
| 18        | B223 5844 | Bracket:Fan:Power Source:IH     | 1                 |
| 19        | B223 5841 | Hinge:Application:Rack          | 1                 |
| 20        | B223 5843 | Bracket:Rack:Application        | 1                 |
| 21        | B223 5866 | Ground Wire:Rack:Right Lower:HF | 1                 |

| Index No. | Part No.   | Description           | Q'ty Per Assembly |
|-----------|------------|-----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6     |                   |
| 102       | 0454 3006Q | Tapping Screw:3X6     |                   |
| 103       | 0353 0080N | Screw:M3X8            |                   |
| 104       | 0451 3030N | Tapping Screw:3x30    |                   |
| 105       | 0802 5304  | Tapping Screw - M3x30 |                   |
| 106       | 1105 0641  | PCB-6S-V0             |                   |
| 107       | 0805 0089  | Retaining Ring - M4   |                   |
| 108       | 0951 3006N | Screw - M3X6          |                   |

## 32.Drive Section 4 (G133)

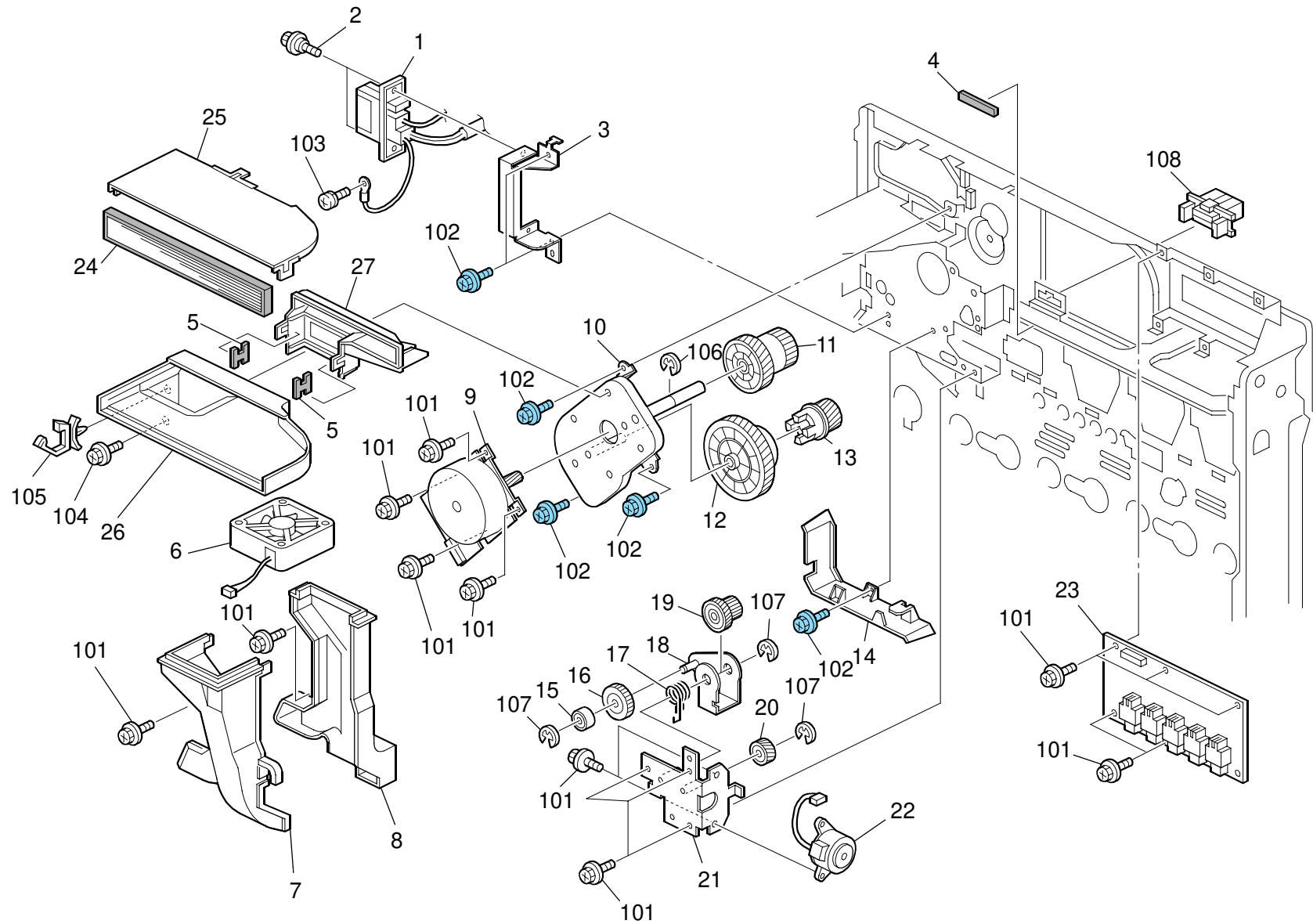


### 32.Drive Section 4 (G133)

| 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        | GA08 0002 | Bushing - 6mm                   | 4                 |
| 14        | 5447 2681 | Snap Ring                       | 2                 |
| 15        | AA16 1164 | Cushion:Stepper Motor           | 1                 |
| 16        | B223 1188 | Stepper Motor DC24V             | 1                 |
| 17        | AW14 0012 | Temperature & Humidity Sensor   | 1                 |
| 18        | AA04 3601 | Timing Belt - B40S2M118         | 1                 |
| 19        | AB03 0744 | Timing Pulley - 27Z/40T         | 1                 |
| 20        | B223 1191 | Bracket:Drive Unit:Registration | 1                 |
| 21        | A232 4666 | Cushion - Stepper Motor         | 1                 |
| 22        | B223 1350 | Stepper Motor DC5.06V           | 1                 |
| 23        | B223 5307 | Harness:IOB:Motor               | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 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  |                   |

### 33. Drive Section 5 (G133)

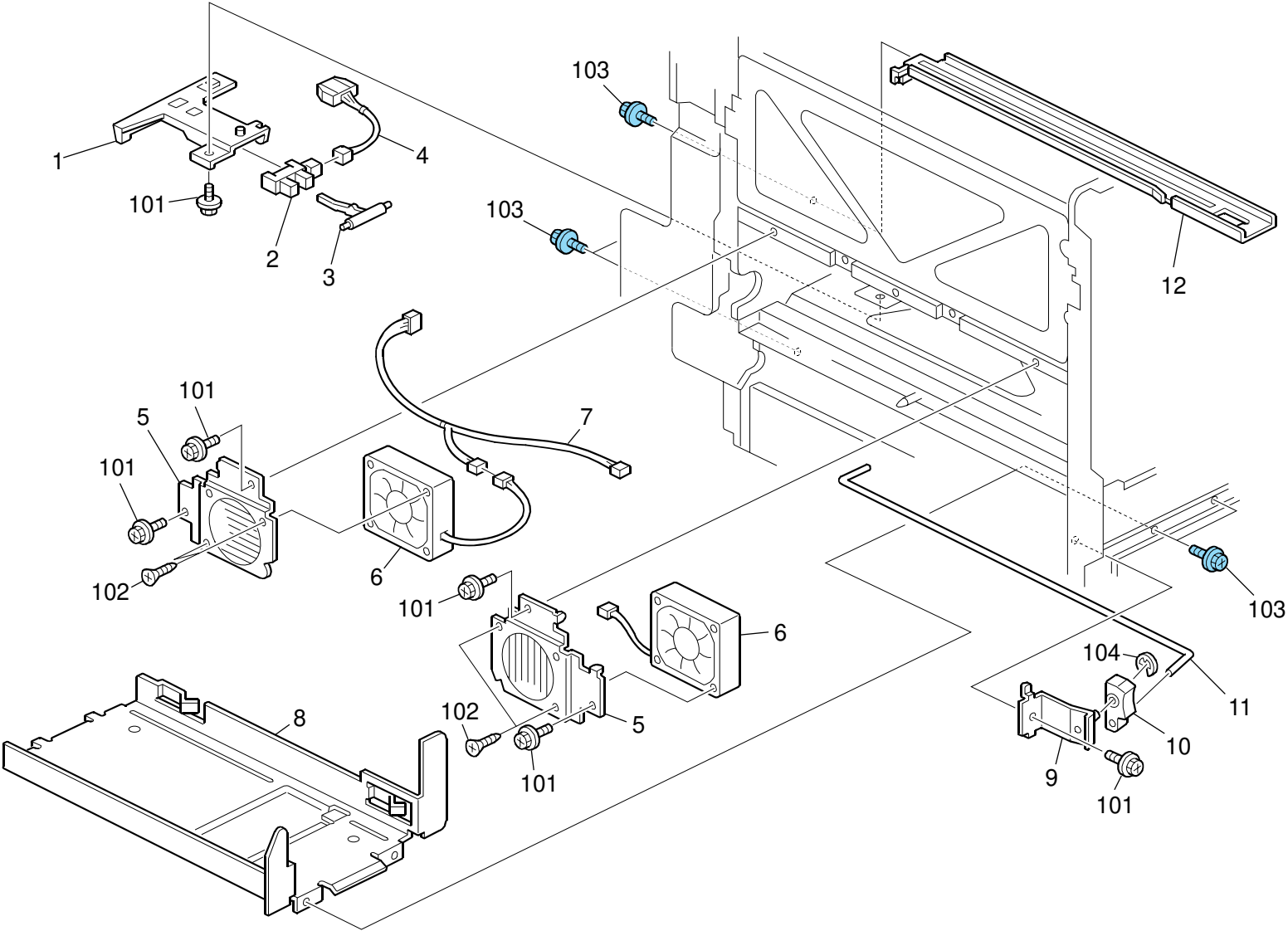


### 33.Drive Section 5 (G133)

| Index No. | Part No.  | Description                         | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------|-------------------|
| 1         | G133 5364 | Harness:Fusing Unit:P1:NA           | 1                 |
| 1         | G133 5365 | Harness:Fusing Unit:P1:EU           | 1                 |
| 2         | AA14 3576 | Screw:M3                            | 2                 |
| 3         | B223 1069 | Bracket:Drawer                      | 1                 |
| 4         | B223 5861 | Gasket:Etnw100-00505:L90            | 1                 |
| 5         | B223 1329 | Sound Proofing Material:Duct        | 2                 |
| 6         | B223 1332 | Fan Motor - Mm60 DC24V              | 1                 |
| 7         | B223 1324 | Duct:IH:Rear                        | 1                 |
| 8         | B223 1323 | Duct:IH:Front                       | 1                 |
| 9         | GX06 0015 | Brushless Motor:Drive:Paper Feed    | 1                 |
| 10        | B223 1195 | Bracket:Fusing Drive Sub-unit:Ass'y | 1                 |
| 11        | AB01 0377 | Gear:Z27/Z78                        | 1                 |
| 12        | AB01 0375 | Gear:Z120                           | 1                 |
| 13        | AB01 0376 | Gear:Z27                            | 1                 |
| 14        | B223 1362 | Cover:Fusing Drive Unit:Lower       | 1                 |
| 15        | B223 4343 | Ring:Gear:Heat Roller               | 1                 |
| 16        | AB01 1264 | Gear:Z24                            | 1                 |
| 17        | AA06 6178 | Spring                              | 1                 |
| 18        | B223 4315 | Bracket:Drive:Gear                  | 1                 |
| 19        | AB01 7706 | Gear:Z16/Z40                        | 1                 |
| 20        | AB01 0138 | Gear:Z28                            | 1                 |
| 21        | B223 4318 | Bracket:Stepper Motor               | 1                 |
| 22        | B223 4317 | Stepper Motor:DC24V 24.3W           | 1                 |
| 23        | AZ32 0154 | Power Pack:TTS:APO-C/P              | 1                 |
| 24        | G133 1296 | Ozone Filter:No.2:P                 | 1                 |
| 25        | G133 1343 | Duct:Supply:Upper Rear:P1           | 1                 |
| 26        | G133 1342 | Duct:Supply:Rear                    | 1                 |
| 27        | G133 1341 | Duct:Supply:Front                   | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 103       | 0954 4008N | Screw - M4X8         |                   |
| 104       | 0451 3008N | Tapping Screw:3X8    |                   |
| 105       | 1105 0487  | Clamp:Lws-0511Z      |                   |
| 106       | 0720 0060E | Retaining Ring - M6  |                   |
| 107       | 0720 0040E | Retaining Ring - M4  |                   |
| 108       | 1102 9782  | Connector:51405-1819 |                   |

34.Frame Section 1 (G133)



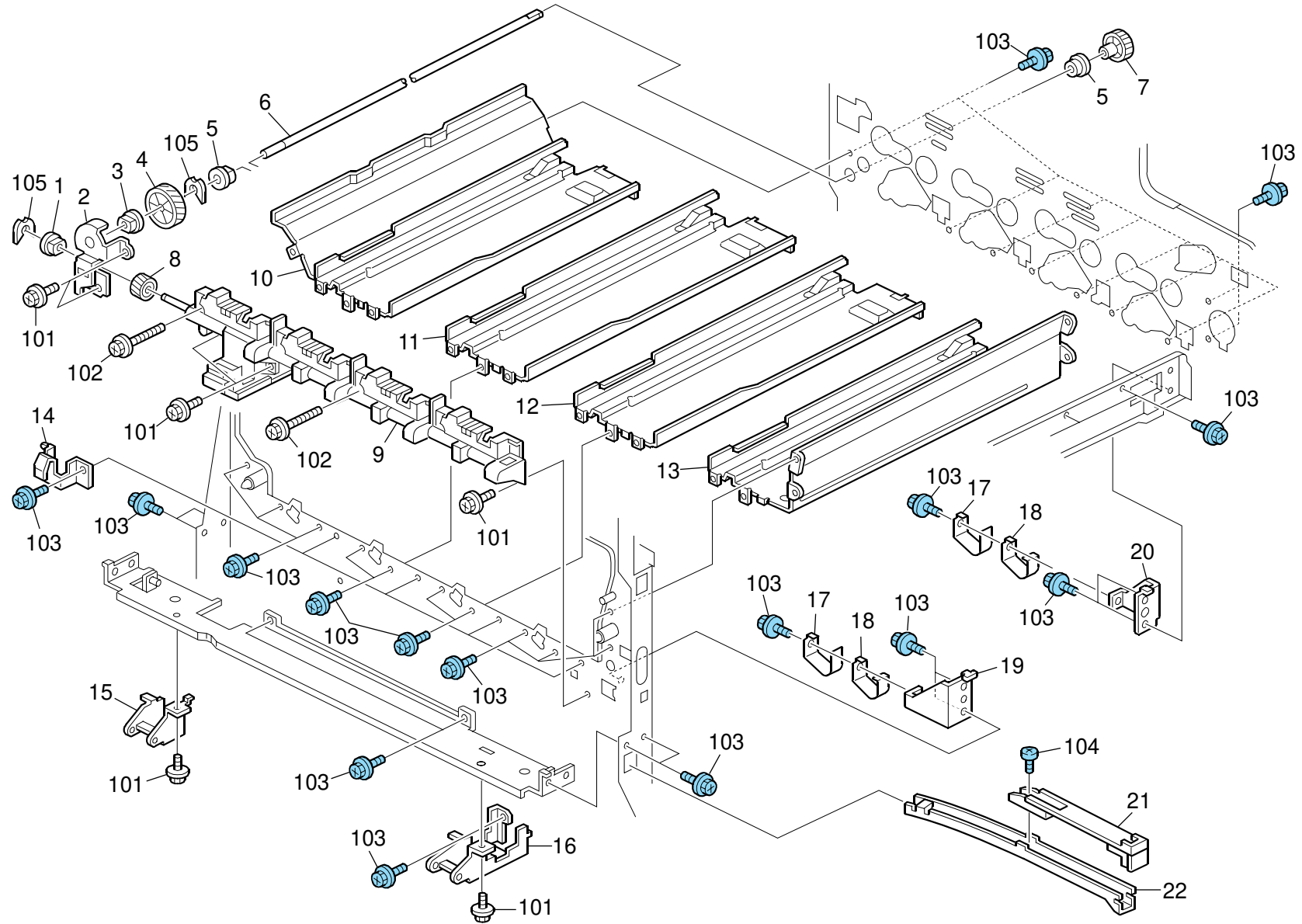
### 34.Frame Section 1 (G133)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | B223 6502 | Used Toner Sensor Bracket       | 1                 |
| 2         | AW02 0160 | Paper Feed Sensor               | 1                 |
| 3         | B223 6503 | Used Toner Sensor Feeler        | 1                 |
| 4         | B238 5313 | Harness - Used Toner Sensor     | 1                 |
| 5         | B223 1331 | Bracket:Fan                     | 2                 |
| 6         | B223 1332 | Fan Motor - Mm60 DC24V          | 2                 |
| 7         | B223 5311 | Harness:IOB:Fan Motor           | 1                 |
| 8         | G133 6496 | Rail:Collection Bottle          | 1                 |
| 9         | B238 5821 | Bracket:Handle:Main Switch:Peen | 1                 |
| 10        | B238 5824 | Cover:Slide Switch              | 1                 |
| 11        | B238 5825 | Link:Power Source:Switch        | 1                 |
| 12        | B223 6198 | Cleaning Unit Rail              | 1                 |

| Index No. | Part No.   | Description         | Q'ty Per Assembly |
|-----------|------------|---------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6   |                   |
| 102       | 0802 5308  | Tapping Screr:Fan   |                   |
| 103       | 0454 3006Q | Tapping Screw::3X6  |                   |
| 104       | 0720 0030E | Retaining Rings-E:3 |                   |



## 35.Frame Section 2 (G133)

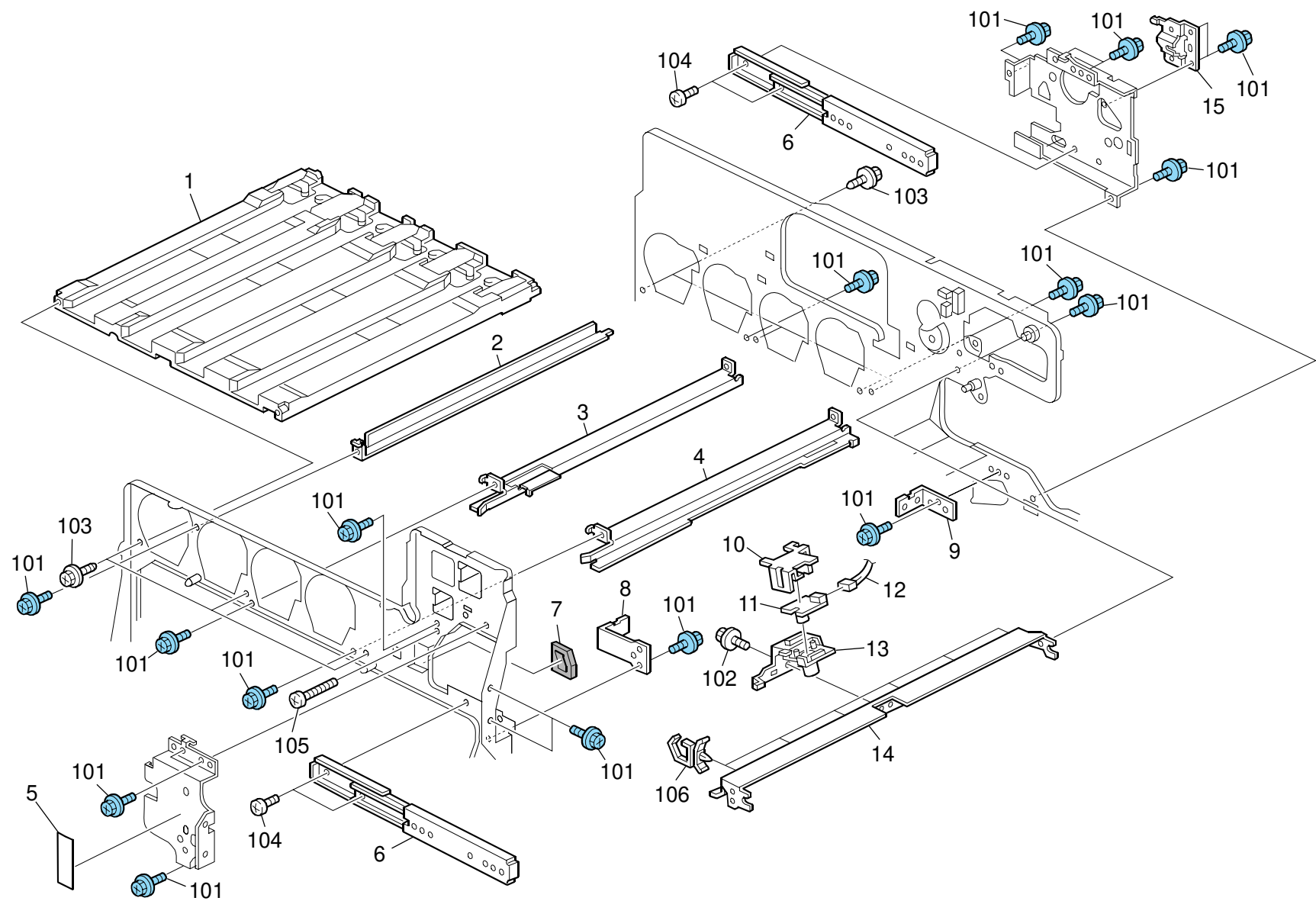


### 35.Frame Section 2 (G133)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 1         | B223 6464 | Bushing - 6x10x6                      | 1                 |
| 2         | B223 6471 | Transport Screw Bracket               | 1                 |
| 3         | B223 6475 | Bushing - 5x 10x2.5                   | 1                 |
| 4         | B223 6472 | Gear - 21Z                            | 1                 |
| 5         | B223 6476 | Bushing - Dia5                        | 2                 |
| 6         | B223 6473 | Transport Screw Shaft                 | 1                 |
| 7         | B223 6474 | Gear - 29Z                            | 1                 |
| 8         | B223 6463 | Gear - 20Z                            | 1                 |
| 9         | G133 6451 | Pipe:Front                            | 1                 |
| 10        | B223 1087 | Separation Plate - Upper Left         | 1                 |
| 11        | B223 1084 | Separation Plate - Upper Middle Left  | 1                 |
| 12        | B223 1080 | Separation Plate - Upper Middle Right | 1                 |
| 13        | B223 1076 | Separation Plate - Upper Right        | 1                 |
| 14        | B223 6467 | Lever Bracket                         | 4                 |
| 15        | B223 1103 | Bracket:Hinge:Left                    | 1                 |
| 16        | B223 1102 | Bracket:Grip:Right Front              | 1                 |
| 17        | B223 1899 | Imaging Unit Plate - Outer            | 2                 |
| 18        | B223 1898 | Imaging Unit Plate - Inner            | 2                 |
| 19        | B223 1896 | Imaging Unit Plate - Front            | 1                 |
| 20        | B223 1897 | Imaging Unit Plate - Rear             | 1                 |
| 21        | B223 1245 | Cap:Grip                              | 1                 |
| 22        | B223 1101 | Grip:Front                            | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0451 3006N | Tapping Screw:3X6    |                   |
| 102       | 0451 3016N | Tapping Screw - 3x16 |                   |
| 103       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 104       | 0802 5305  | Tapping Screw - M3x6 |                   |
| 105       | 0805 0089  | Retaining Ring - M4  |                   |

36.Frame Section 3 (G133)

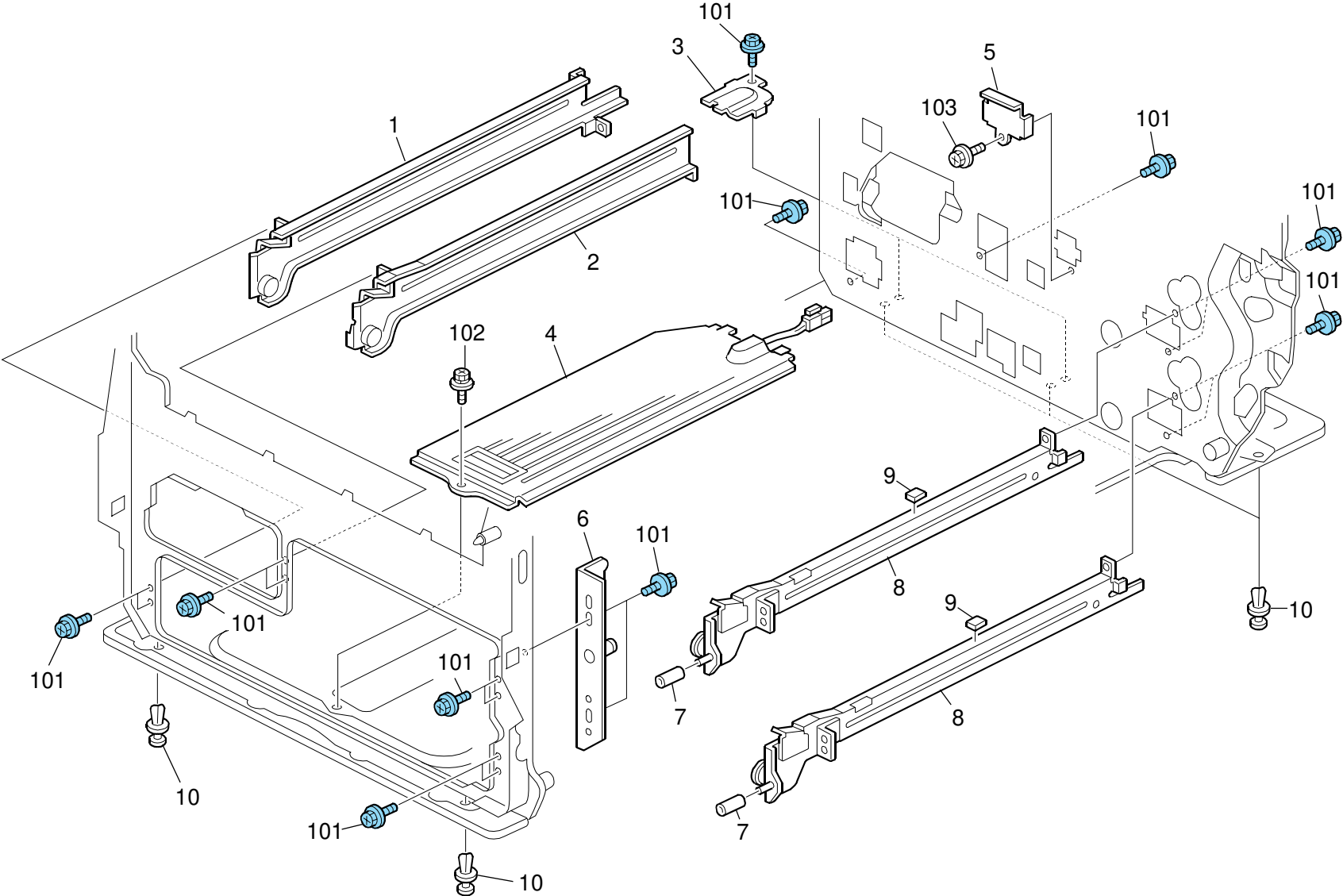


### 36.Frame Section 3 (G133)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | B223 3305 | Toner Cartridge Unit             | 1                 |
| 2         | B223 3328 | Toner Cartridge Guide            | 1                 |
| 3         | G133 6145 | Rail:Left:Intermediate Transfer  | 1                 |
| 4         | G133 6146 | Rail:Right:Intermediate Transfer | 1                 |
| 5         | B223 4342 | Sheet:Harness                    | 1                 |
| 6         | AA07 0080 | Slide Rail:Fusing Unit           | 2                 |
| 7         | B223 1344 | Sponge:Ih:Fan                    | 1                 |
| 8         | B223 1067 | Bracket:Sensor:Front             | 1                 |
| 9         | B223 1068 | Bracket:Sensor:Rear              | 1                 |
| 10        | B223 4331 | Cover:Thermopile                 | 1                 |
| 11        | AW10 0106 | Thermopile                       | 1                 |
| 12        | B223 5312 | Harness:IOB:Fusing:Thermopile    | 1                 |
| 13        | B223 4332 | Holder:Thermopile                | 1                 |
| 14        | B223 4314 | Stay:Temperature Sensor:Fusing   | 1                 |
| 15        | B223 4391 | Positioning Plate:Fusing Unit    | 1                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 102       | 0451 3006N | Tapping Screw:3X6    |                   |
| 103       | 0450 3008N | Tapping Screw - M3x8 |                   |
| 104       | 0353 0040N | Screw - M3X4         |                   |
| 105       | 0353 0120N | Screw M3x12          |                   |
| 106       | 1105 0487  | Clamp:Lws-0511Z      |                   |

37.Frame Section 4 (G133)

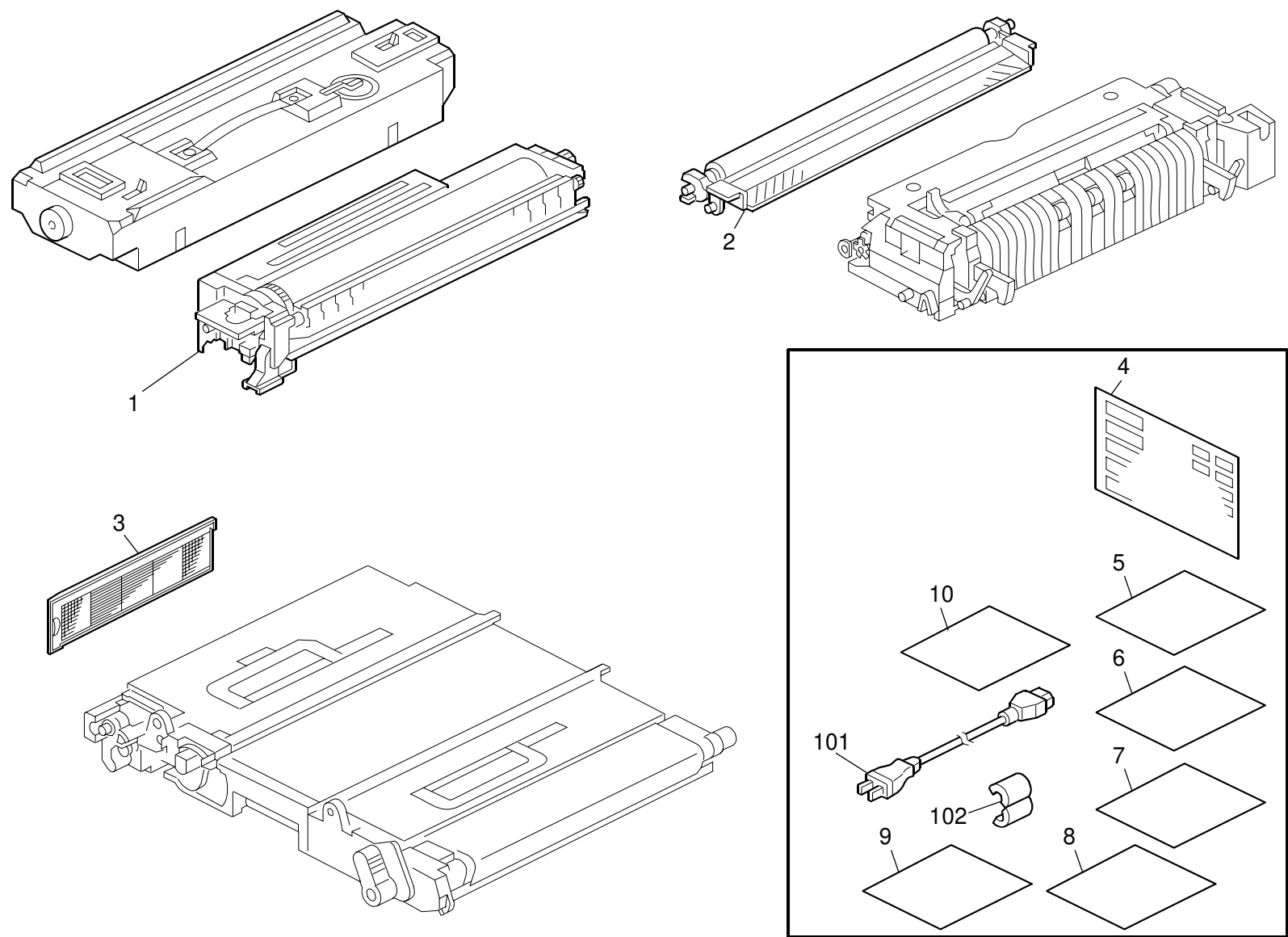


### 37.Frame Section 4 (G133)

| Index No. | Part No.  | Description             | Q'ty Per Assembly |
|-----------|-----------|-------------------------|-------------------|
| 1         | B223 2710 | Supporter - Left No.2   | 1                 |
| 2         | B223 2705 | Supporter - Left No.1   | 1                 |
| 3         | B238 1066 | Rubber Foot Cover       | 2                 |
| 4         | B223 2702 | Heat Sink:Heater:NA     | 1                 |
| 4         | B223 2703 | Heat Sink:Heater:EU     | 1                 |
| 5         | B223 1207 | Cover:Connector:Heater  | 1                 |
| 6         | B223 1120 | Bracket:Paper Feed Unit | 1                 |
| 7         | B223 2714 | Positioning Cap - Short | 2                 |
| 8         | B223 2715 | Supporter - Right       | 2                 |
| 9         | AA16 1163 | Cushion                 | 2                 |
| 10        | B101 1097 | Rubber Foot:H5          | 6                 |

| Index No. | Part No.   | Description          | Q'ty Per Assembly |
|-----------|------------|----------------------|-------------------|
| 101       | 0454 3006Q | Tapping Screw::3X6   |                   |
| 102       | 0802 5299  | Tapping Screw - M3x8 |                   |
| 103       | 0451 3006N | Tapping Screw:3X6    |                   |

38.Accessories (G133)



### 38.Accessories (G133)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | G133 2021 | PCU:M                             | 1                 |
| 1         | G133 2022 | PCU:C                             | 1                 |
| 1         | G133 2023 | PCU:Y                             | 1                 |
| 2         | G133 6260 | Transfer/separation Unit:P1:Ass'y | 1                 |
| 3         | G133 1280 | Cover:Left:Middle:Filter:Ass'y    | 1                 |
| 4         | B238 2524 | Decal - Paper Size                | 1                 |
| 5         | A232 8561 | Safety Sheet                      | 1                 |
| 6         | G146 7491 | Sheet:Collar_Chart:JPN:AP-P1B     | 1                 |
| 7         | G133 8601 | Manual:Saftyinfo                  | 1                 |
| 8         | G133 8603 | Manual:Saftyinfo:AP-P1            | 1                 |
| 9         | G133 8605 | Manual:Quick:NA                   | 1                 |
| 10        | G133 8680 | Manual:Notes_Admin                | 1                 |

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 101       | 1150 0373 | Power Supply Code:125V 15A NA |                   |
| 101       | 1150 0377 | Power Supply Code:250V:10A:EU |                   |
| 102       | 1607 1714 | Ferrite Core:Rfc-6            |                   |



## 39.IOB Board (G133)

### 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         | 252       | ---        | ---       | C21        | 255       | C31        | 255       | C41        | 189       | C51        | 255       | C61        | 255       |
| C2         | 188       | C12        | 182       | C22        | 255       | C32        | 188       | C42        | 189       | C52        | 250       | C62        | 188       |
| C3         | 188       | C13        | 255       | C23        | 249       | C33        | 255       | C43        | 182       | C53        | 188       | C63        | 255       |
| C4         | 255       | C14        | 255       | C24        | 249       | C34        | 194       | C44        | 182       | C54        | 250       | C64        | 255       |
| C5         | 189       | C15        | 253       | C25        | 255       | C35        | 188       | C45        | 251       | C55        | 250       | C65        | 188       |
| C6         | 253       | C16        | 253       | C26        | 188       | C36        | 188       | C46        | 251       | C56        | 188       | C66        | 188       |
| C7         | 185       | C17        | 255       | C27        | 255       | C37        | 255       | C47        | 253       | C57        | 255       | C67        | 248       |
| C8         | 185       | C18        | 255       | C28        | 188       | C38        | 188       | ---        | ---       | C58        | 188       | C68        | 255       |
| C9         | 185       | C19        | 252       | C29        | 188       | ---        | ---       | ---        | ---       | C59        | 188       | C69        | 188       |
| C10        | 182       | C20        | 255       | C30        | 255       | C40        | 183       | C50        | 255       | C60        | 255       | C70        | 255       |

### 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. |
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| C71        | 188       | C81        | 182       | C91        | 255       | C101       | 188       | C111       | 188       | C121       | 255       | C131       | 188       |
| C72        | 188       | C82        | 254       | C92        | 188       | C102       | 255       | C112       | 255       | C122       | 255       | C132       | 255       |
| C73        | 255       | C83        | 184       | C93        | 255       | C103       | 255       | C113       | 255       | C123       | 188       | C133       | 255       |
| C74        | 255       | C84        | 188       | C94        | 255       | C104       | 188       | C114       | 186       | C124       | 188       | C134       | 254       |
| C75        | 255       | C85        | 188       | C95        | 188       | C105       | 255       | C115       | 255       | C125       | 188       | C135       | 255       |
| ---        | ---       | C86        | 255       | C96        | 255       | C106       | 194       | C116       | 255       | C126       | 188       | C136       | 255       |
| C77        | 255       | C87        | 253       | C97        | 255       | C107       | 255       | C117       | 255       | C127       | 255       | C137       | 255       |
| C78        | 188       | C88        | 255       | C98        | 255       | C108       | 248       | C118       | 188       | C128       | 194       | C138       | 255       |
| C79        | 187       | C89        | 194       | C99        | 188       | C109       | 188       | C119       | 188       | C129       | 255       | C139       | 188       |
| C80        | 189       | C90        | 255       | C100       | 188       | C110       | 255       | C120       | 188       | C130       | 255       | C140       | 188       |

## 39.IOB Board (G133)

### 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. |
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| C141       | 255       | C151       | 255       | ---        | ---       | C171       | 188       | C181       | 188       | C191       | 255       | C201       | 255       |
| C142       | 248       | C152       | 188       | C162       | 251       | C172       | 188       | C182       | 251       | C192       | 188       | C202       | 255       |
| C143       | 255       | C153       | 255       | C163       | 255       | C173       | 188       | C183       | 251       | C193       | 188       | C203       | 188       |
| C144       | 188       | ---        | ---       | C164       | 188       | C174       | 188       | C184       | 255       | C194       | 255       | C204       | 188       |
| C145       | 188       | C155       | 183       | C165       | 252       | C175       | 188       | C185       | 255       | C195       | 255       | C205       | 253       |
| C146       | 188       | C156       | 255       | C166       | 252       | C176       | 252       | C186       | 255       | C196       | 255       | C206       | 253       |
| C147       | 188       | C157       | 251       | C167       | 252       | C177       | 188       | C187       | 251       | C197       | 255       | C207       | 188       |
| C148       | 188       | C158       | 253       | ---        | ---       | C178       | 252       | C188       | 255       | C198       | 255       | C208       | 252       |
| C149       | 254       | C159       | 188       | C169       | 188       | C179       | 252       | C189       | 188       | C199       | 255       | C209       | 251       |
| C150       | 188       | C160       | 251       | C170       | 188       | C180       | 255       | C190       | 252       | C200       | 255       | C210       | 252       |

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## 39.IOB Board (G133)

### CONNECTOR

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| SYMBOL NO. | INDEX NO. |
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| IC7        | 156       |
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| IC10       | 168       |

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| IC16       | 155       |
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| IC33       | 163       |
| IC34       | 164       |
| IC35       | 152       |
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| IC36       | 153       |
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| SYMBOL NO. | INDEX NO. |
|------------|-----------|
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### OSC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| OSC1       | 173       |

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| SYMBOL NO. | INDEX NO. |
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| Q3         | 136       |
| Q4         | 136       |
| Q5         | 136       |
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| Q6         | 136       |
| Q7         | 134       |
| Q8         | 134       |
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| SYMBOL NO. | INDEX NO. |
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| Q11        | 138       |
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| Q14        | 138       |
| Q15        | 137       |
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| Q16        | 140       |
| Q17        | 137       |
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| Q24        | 141       |
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| Q26        | 134       |
| Q27        | 134       |
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| Q35        | 134       |
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| R3         | 210       |
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| R5         | 210       |
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| R8         | 214       |
| R9         | 214       |
| R10        | 236       |

| SYMBOL NO. | INDEX NO. |
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| R11        | 209       |
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| R86        | 226       |
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| R89        | 209       |
| R90        | 210       |

## 39.IOB Board (G133)

### RESISTOR

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| R91        | 210       | R101       | 207       | ---        | ---       | R121       | 219       | R131       | 225       | R141       | 210       | R151       | 210       |
| R92        | 227       | R102       | 210       | R112       | 210       | R122       | 210       | R132       | 209       | R142       | 212       | R152       | 219       |
| R93        | 246       | R103       | 210       | R113       | 225       | R123       | 219       | R133       | 210       | R143       | 209       | R153       | 210       |
| R94        | 229       | ---        | ---       | R114       | 210       | R124       | 210       | R134       | 210       | R144       | 225       | R154       | 210       |
| R95        | 209       | R105       | 210       | R115       | 225       | R125       | 219       | R135       | 209       | R145       | 209       | R155       | 210       |
| R96        | 210       | R106       | 207       | R116       | 210       | R126       | 219       | R136       | 210       | R146       | 210       | R156       | 203       |
| R97        | 200       | ---        | ---       | R117       | 225       | R127       | 219       | R137       | 209       | R147       | 225       | ---        | ---       |
| R98        | 225       | R108       | 210       | R118       | 210       | R128       | 210       | R138       | 210       | R148       | 225       | R158       | 203       |
| R99        | 200       | R109       | 207       | R119       | 224       | R129       | 219       | R139       | 210       | R149       | 225       | R159       | 210       |
| R100       | 209       | R110       | 210       | R120       | 209       | R130       | 225       | R140       | 210       | R150       | 210       | R160       | 209       |

### RESISTOR

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| ---        | ---       | R171       | 210       | ---        | ---       | R191       | 211       | R201       | 203       | R211       | 219       | R221       | 221       |
| ---        | ---       | R172       | 210       | R182       | 210       | R192       | 216       | R202       | 203       | R212       | 210       | R222       | 221       |
| R163       | 210       | R173       | 209       | R183       | 206       | R193       | 216       | R203       | 203       | ---        | ---       | R223       | 221       |
| R164       | 210       | R174       | 205       | R184       | 210       | R194       | 210       | R204       | 203       | ---        | ---       | R224       | 210       |
| R165       | 210       | R175       | 210       | R185       | 209       | R195       | 209       | R205       | 221       | R215       | 210       | R225       | 203       |
| R166       | 210       | R176       | 220       | R186       | 210       | R196       | 225       | R206       | 210       | R216       | 210       | R226       | 210       |
| R167       | 221       | R177       | 220       | R187       | 209       | R197       | 210       | R207       | 221       | ---        | ---       | R227       | 210       |
| R168       | 221       | R178       | 222       | R188       | 209       | R198       | 225       | R208       | 224       | R218       | 210       | R228       | 210       |
| R169       | 225       | R179       | 209       | R189       | 210       | R199       | 222       | R209       | 210       | ---        | ---       | R229       | 203       |
| R170       | 209       | R180       | 202       | R190       | 209       | R200       | 209       | R210       | 209       | R220       | 221       | R230       | 241       |

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| R231       | 231       | R241       | 210       | R251       | 210       | R261       | 210       | R271       | 209       | R281       | 210       | R291       | 210       |
| R232       | 227       | R242       | 210       | R252       | 203       | R262       | 224       | R272       | 209       | R282       | 210       | R292       | 210       |
| R233       | 210       | R243       | 210       | R253       | 218       | R263       | 210       | R273       | 210       | R283       | 217       | R293       | 210       |
| R234       | 210       | R244       | 224       | R254       | 221       | R264       | 225       | R274       | 210       | R284       | 221       | R294       | 225       |
| R235       | 210       | R245       | 209       | R255       | 221       | R265       | 219       | R275       | 210       | R285       | 221       | R295       | 210       |
| R236       | 210       | R246       | 209       | R256       | 209       | R266       | 219       | R276       | 210       | R286       | 221       | R296       | 203       |
| R237       | 209       | R247       | 209       | R257       | 209       | R267       | 219       | R277       | 213       | R287       | 210       | ---        | ---       |
| R238       | 228       | R248       | 210       | R258       | 210       | R268       | 210       | R278       | 219       | R288       | 210       | R298       | 215       |
| R239       | 224       | R249       | 210       | R259       | 210       | R269       | 224       | R279       | 210       | R289       | 209       | R299       | 222       |
| R240       | 210       | R250       | 203       | R260       | 209       | R270       | 209       | R280       | 203       | R290       | 210       | R300       | 235       |

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| R301       | 243       | R311       | 210       | R321       | 204       | -----      |           | R341       | 225       | R351       | 236       | R361       | 210       |
| R302       | 242       | R312       | 243       | R322       | 209       | ---        | ---       | R342       | 210       | R352       | 239       | R362       | 223       |
| R303       | 203       | R313       | 240       | R323       | 204       | ---        | ---       | ---        | ---       | R353       | 245       | R363       | 205       |
| ---        | ---       | R314       | 230       | R324       | 210       | R334       | 245       | R344       | 201       | R354       | 211       | R364       | 210       |
| R305       | 243       | R315       | 210       | R325       | 204       | R335       | 209       | R345       | 209       | R355       | 223       | R365       | 210       |
| R306       | 234       | R316       | 210       | R326       | 210       | R336       | 225       | R346       | 210       | ---        | ---       | R366       | 210       |
| R307       | 247       | R317       | 199       | R327       | 204       | ---        | ---       | R347       | 210       | R357       | 210       | R367       | 220       |
| R308       | 243       | R318       | 232       | R328       | 238       | R338       | 207       | R348       | 209       | ---        | ---       | R368       | 220       |
| R309       | 237       | R319       | 209       | R329       | 236       | R339       | 225       | R349       | 236       | R359       | 210       | R369       | 209       |
| R310       | 244       | R320       | 210       | R330       | 236       | R340       | 225       | R350       | 209       | R360       | 210       | R370       | 208       |

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| ZD5        | 148       |

### 39.IOB Board (G133)

| Index No. | Part No.  | Description      | Q'ty Per Assembly |
|-----------|-----------|------------------|-------------------|
| *         | B223 5120 | PCB:IOB:AP-C1/P1 | 1                 |

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 101       | 1102 6300 | Connector:53324-0760         |                   |
| 102       | 1102 6397 | Connector:53313-1865         |                   |
| 103       | 1102 6594 | Connector                    |                   |
| 104       | 1102 8470 | Connector:55447-0680         |                   |
| 105       | 1102 8471 | Connector:55447-0780         |                   |
| 106       | 1102 8472 | Connector:55447-0880         |                   |
| 107       | 1102 8477 | Connector:55447-1380         |                   |
| 108       | 1102 8479 | Connector:55447-1580         |                   |
| 109       | 1102 8480 | Connector:55447-1680         |                   |
| 110       | 1102 8481 | Connector:55447-1780         |                   |
| 111       | 1102 8484 | Connector:55447-2080         |                   |
| 112       | 1102 8488 | Connector:55451-2870         |                   |
| 113       | 1102 8490 | Connector:55451-3270         |                   |
| 114       | 1102 8491 | Connector:55451-3470         |                   |
| 115       | 1102 8494 | Connector:55451-4070         |                   |
| 116       | 1102 8623 | Connector:292207-2           |                   |
| 117       | 1102 8781 | Connector:1-292207-2         |                   |
| 118       | 1102 8933 | Connector:292207-5           |                   |
| 119       | 1102 9108 | Connector:292207-3           |                   |
| 120       | 1102 9109 | Connector:292207-4           |                   |
| 121       | 1102 9110 | Connector:292207-6           |                   |
| 122       | 1102 9111 | Connector:292207-7           |                   |
| 123       | 1102 9112 | Connector:292207-8           |                   |
| 124       | 1102 9113 | Connector:1-292207-0         |                   |
| 125       | 1102 9114 | Connector:1-292207-1         |                   |
| 126       | 1102 9117 | Connector:1-292207-8         |                   |
| 127       | 1102 9119 | Connector:2-292207-0         |                   |
| 128       | 1102 9120 | Connector:2-292208-2         |                   |
| 129       | 1102 9121 | Connector:2-292208-4         |                   |
| 130       | 1102 9122 | Connector:2-292208-6         |                   |
| 131       | 1102 9601 | Connector:5-292207-3         |                   |
| 132       | 1103 3179 | Connector:Fh12-50S-0.5Sv(89) |                   |
| 133       | 1400 0769 | Transistor:2SA1576A          |                   |
| 134       | 1400 0775 | Transistor:2SC4081           |                   |
| 135       | 1400 0788 | Transistor:DTB113ZK          |                   |



| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 136       | 1400 0810 | Transistor:DTC114EUA              |                   |
| 137       | 1400 0920 | Transistor:DTC143EUA              |                   |
| 138       | 1400 0968 | Transistor:DTA123JUA              |                   |
| 139       | 1400 1012 | Transistor:2SD2656                |                   |
| 140       | 1400 1140 | Transistor:2SA1577R               |                   |
| 141       | 1400 1141 | Transistor:2SD1949                |                   |
| 142       | 1401 0972 | Transistor-2SB1260                |                   |
| 143       | 1402 1289 | Diode-Array                       |                   |
| 144       | 1402 1385 | Diode DAP222                      |                   |
| 145       | 1402 1503 | Diode:1SS400                      |                   |
| 146       | 1402 1584 | Diode:Dan217U                     |                   |
| 147       | 1402 1663 | Diode:PTZ12B                      |                   |
| 148       | 1402 1952 | Diode:TDZ12                       |                   |
| 149       | 1403 0978 | LED:SML-310DT                     |                   |
| 150       | 1403 0996 | LED - Sml-310vt                   |                   |
| 151       | 1407 1535 | Driver:TD62308APG(5)              |                   |
| 152       | 1407 2187 | TTLIC:SN74LS07NS                  |                   |
| 153       | 1407 2219 | Driver:TD62003APG(5)              |                   |
| 154       | 1407 5351 | IC:SN74LV14APW                    |                   |
| 155       | 1407 5392 | IC:SN74LV541APW                   |                   |
| 156       | 1407 5469 | IC:SN74LV07APW                    |                   |
| 157       | 1407 5790 | Cmos Logic:SN74AHC2G08HDCU        |                   |
| 158       | 1407 6077 | IC:STA7101M                       |                   |
| 159       | 1407 6101 | Cmos Logic:SN74LVC2G17DCK         |                   |
| 160       | 1407 6167 | Custom Ic:EIO                     |                   |
| 161       | 1407 6181 | Motor Control Ic:STK672-600       |                   |
| 162       | 1407 6196 | Motor Control Ic:STK672-610       |                   |
| 163       | 1407 6197 | Driver:M54563P                    |                   |
| 164       | 1407 6314 | Motor Control Ic:TB6561NG         |                   |
| 165       | 1407 6318 | Cmos Logic:SN74AHC1G00DCK         |                   |
| 166       | 1407 6395 | Cmos Logic:SN74AHC2G00HDCU        |                   |
| 167       | 1408 1204 | Motor Control Ic:TA8083PG(5 RICO) |                   |
| 168       | 1408 1535 | Driver:M54585P                    |                   |
| 169       | 1408 1550 | Operational Amplifier:LM2902PW    |                   |
| 170       | 1408 1779 | IC:R3112Q281A-FA                  |                   |

| Index No. | Part No.  | Description                                           | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------------------|-------------------|
| 171       | 1408 2029 | Comparator:LM2901PW                                   |                   |
| 172       | 1408 2122 | Series Regulator:R1130H331A-FB                        |                   |
| 173       | 1503 1004 | Crystal Oscillator:19.6608MHZ                         |                   |
| 174       | 1601 7887 | Resistor Array:10K $\Omega$ : $\pm$ 5%:1/16W:4Number  |                   |
| 175       | 1601 7896 | Resistor Array:56 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 176       | 1601 7898 | Resistor Array:33 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 177       | 1601 7900 | Resistor Array:0 $\Omega$ :1005                       |                   |
| 178       | 1601 7943 | Resistor Array:68 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 179       | 1601 7959 | Resistor Array:1K $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 180       | 1601 7981 | Resistor Array:100K $\Omega$ : $\pm$ 5%:1/16W:4Number |                   |
| 181       | 1601 7984 | Resistor Array:22K $\Omega$ : $\pm$ 5%:1/16W:4P       |                   |
| 182       | 1604 2237 | Capacitor:100UF: $\pm$ 20%:35V                        |                   |
| 183       | 1604 4477 | Capacitor:10 $\mu$ F: $\pm$ 20%:35V                   |                   |
| 184       | 1604 4666 | Capacitor:47MF: $\pm$ 20%:35V                         |                   |
| 185       | 1604 4825 | Capacitor:220 $\mu$ F: $\pm$ 20%:35V                  |                   |
| 186       | 1604 5452 | Capacitor:47UF: $\pm$ 20%:10V                         |                   |
| 187       | 1604 5453 | Capacitor:100UF: $\pm$ 20%:10V                        |                   |
| 188       | 1605 1137 | Capacitor:470pF: $\pm$ 10%:50V                        |                   |
| 189       | 1605 1148 | Capacitor:0.1UF:+80-20%:50V                           |                   |
| 190       | 1605 1479 | Capacitor:47pF: $\pm$ 10%:50V                         |                   |
| 191       | 1605 1481 | Capacitor:1000pF: $\pm$ 20%:50V                       |                   |
| 192       | 1605 1482 | Capacitor:4700pF: $\pm$ 20%:50V                       |                   |
| 193       | 1605 1531 | Capacitor:470pF: $\pm$ 20%:50V                        |                   |
| 194       | 1605 1597 | Capacitor:2.2UF:+80-20%:50V                           |                   |
| 195       | 1607 1002 | Filter:NFE31PT222Z1E9B                                |                   |
| 196       | 1609 0006 | Resistor:10k $\Omega$ : $\pm$ 5%:1/16w                |                   |
| 197       | 1609 0070 | Resistor Array:1M $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 198       | 1610 1409 | Resistor:6.8 $\Omega$ : $\pm$ 5%:1W:6332              |                   |
| 199       | 1610 1750 | Chip Resistor:1K $\Omega$ : $\pm$ 1%:1/2W:5025        |                   |
| 200       | 1610 1771 | Chip Resistor:1 $\Omega$ : $\pm$ 5%:1W:6332           |                   |
| 201       | 1610 1947 | Resistor:220 $\Omega$ : $\pm$ 5%:1W:6332              |                   |
| 202       | 1633 0000 | Resistor:0 $\Omega$ :2125                             |                   |
| 203       | 1634 0000 | Resistor:0 $\Omega$ :1608                             |                   |
| 204       | 1650 2680 | Chip Resistor:68 $\Omega$ : $\pm$ 5%:1/4W:3216        |                   |
| 205       | 1650 2682 | Resistor:6.8K $\Omega$ : $\pm$ 5%:1/4W:3216           |                   |

| Index No. | Part No.  | Description                                        | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------------|-------------------|
| 206       | 1650 3153 | Resistor:15K $\Omega$ : $\pm$ 5%:1/8W:2125         |                   |
| 207       | 1650 4100 | Resistor:10 $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 208       | 1650 4101 | Resistor:100 $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 209       | 1650 4102 | Resistor:1K $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 210       | 1650 4103 | Resistor:10K $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 211       | 1650 4104 | Resistor:100K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 212       | 1650 4105 | Resistor:1M $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 213       | 1650 4122 | Resistor:1.2K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 214       | 1650 4154 | Resistor:150K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 215       | 1650 4161 | Resistor:160 $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 216       | 1650 4162 | Resistor:1.6K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 217       | 1650 4202 | Resistor:2K $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 218       | 1650 4220 | Resistor:22 $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 219       | 1650 4222 | Resistor:2.2K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 220       | 1650 4223 | Resistor:22K $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 221       | 1650 4330 | Resistor:33 $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 222       | 1650 4472 | Resistor:4.7K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 223       | 1650 4473 | Resistor:47K $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 224       | 1650 4560 | Resistor:56 $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 225       | 1650 4680 | Resistor:68 $\Omega$ : $\pm$ 5%:1/10W:1608         |                   |
| 226       | 1650 4681 | Resistor:680 $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 227       | 1654 1002 | Chip Resistor:10K $\Omega$ : $\pm$ 1%:1/10W:1608   |                   |
| 228       | 1654 1003 | Chip Resistor:100K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 229       | 1654 1004 | Resistor:1M $\Omega$ : $\pm$ 1%:1/10W:1608         |                   |
| 230       | 1654 1101 | Chip Resistor:1.1K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 231       | 1654 1201 | Resistor:1.2K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 232       | 1654 1500 | Resistor:150 $\Omega$ : $\pm$ 1%:1/10W:1608        |                   |
| 233       | 1654 1501 | Resistor:1.5K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 234       | 1654 1601 | Chip Resistor:1.6K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 235       | 1654 2001 | Chip Resistor:2K $\Omega$ : $\pm$ 1%:1/10W         |                   |
| 236       | 1654 2002 | Chip Resistor:20K $\Omega$ : $\pm$ 1%:1/10W:1608   |                   |
| 237       | 1654 2401 | Resistor:2.4K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 238       | 1654 2741 | Resistor:2.74K $\Omega$ : $\pm$ 1%:1/10W:1608      |                   |
| 239       | 1654 3741 | Chip Resistor:3.74K $\Omega$ : $\pm$ 1%:1/10W:1608 |                   |
| 240       | 1654 4300 | Resistor:430 $\Omega$ : $\pm$ 1%:1/10W:1608        |                   |

| Index No. | Part No.  | Description                                        | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------------|-------------------|
| 241       | 1654 6200 | Chip Resistor:620 $\Omega$ : $\pm$ 1%:1/10W:1608   |                   |
| 242       | 1654 6201 | Chip Resistor:6.2K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 243       | 1654 6801 | Resistor:6.8K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 244       | 1654 7501 | Chip Resistor:7.5K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 245       | 1654 7871 | Chip Resistor:7.87K $\Omega$ : $\pm$ 1%:1/10W:1608 |                   |
| 246       | 1654 8201 | Resistor:8.2K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 247       | 1654 9101 | Resistor:9.1K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 248       | 1660 2101 | Capacitor:100pF:50V:1608                           |                   |
| 249       | 1660 2150 | Capacitor:15pF:50V:1608                            |                   |
| 250       | 1660 2220 | Ceramic Capacitor:22pF:50V:1608                    |                   |
| 251       | 1660 2470 | Capacitor:47pF:50V:1608                            |                   |
| 252       | 1660 4102 | Capacitor:1000pF:50V:1608                          |                   |
| 253       | 1660 4472 | Capacitor:4700pF:50V:1608                          |                   |
| 254       | 1660 6103 | Capacitor:10000pF:50V:1608                         |                   |
| 255       | 1660 8104 | Capacitor:100000pF:25V:1608                        |                   |

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| C2         | 202       | C12        | 205       | C22        | 212       | C32        | 212       | C42        | 159       | C52        | 202       | C62        | 154       |
| C3         | 203       | C13        | 205       | C23        | 212       | C33        | 154       | C43        | 201       | C53        | 202       | C63        | 212       |
| C4         | 205       | C14        | 205       | C24        | 212       | C34        | 153       | C44        | 159       | C54        | 201       | C64        | 201       |
| C5         | 159       | C15        | 205       | C25        | 212       | C35        | 154       | C45        | 159       | C55        | 208       | ---        | ---       |
| C6         | 159       | C16        | 204       | C26        | 154       | ---        | ---       | C46        | 212       | C56        | 205       | C66        | 172       |
| C7         | 154       | C17        | 212       | C27        | 212       | ---        | ---       | C47        | 208       | C57        | 205       | C67        | 212       |
| C8         | 205       | C18        | 204       | C28        | 212       | C38        | 205       | C48        | 201       | C58        | 205       | C68        | 212       |
| C9         | 205       | C19        | 204       | C29        | 212       | C39        | 159       | ---        | ---       | C59        | 205       | ---        | ---       |
| C10        | 208       | C20        | 212       | C30        | 205       | C40        | 212       | ---        | ---       | C60        | 205       | ---        | ---       |

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| C72        | 172       | C82        | 154       | C92        | 205       | C102       | 151       | C112       | 201       | C122       | 212       | C132       | 153       |
| ---        | ---       | C83        | 205       | C93        | 205       | C103       | 150       | C113       | 205       | C123       | 212       | C133       | 154       |
| C74        | 201       | C84        | 205       | C94        | 205       | C104       | 212       | C114       | 159       | C124       | 149       | C134       | 159       |
| C75        | 208       | C85        | 205       | C95        | 205       | C105       | 152       | C115       | 154       | C125       | 212       | C135       | 154       |
| ---        | ---       | C86        | 154       | C96        | 212       | C106       | 212       | C116       | 153       | ---        | ---       | C136       | 153       |
| C77        | 207       | C87        | 212       | C97        | 158       | C107       | 154       | C117       | 153       | C127       | 159       | C137       | 153       |
| C78        | 212       | C88        | 212       | C98        | 212       | C108       | 212       | C118       | 158       | C128       | 212       | C138       | 153       |
| C79        | 159       | C89        | 205       | C99        | 158       | ---        | ---       | C119       | 158       | C129       | 212       | C139       | 154       |
| C80        | 212       | C90        | 205       | C100       | 158       | C110       | 208       | C120       | 158       | C130       | 212       | C140       | 153       |

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| C142       | 154       | C152       | 154       | C162       | 154       | C172       | 201       | C182       | 205       | C192       | 206       | C202       | 154       |
| C143       | 159       | C153       | 154       | C163       | 153       | ---        | ---       | ---        | ---       | C193       | 206       | C203       | 153       |
| C144       | 154       | C154       | 153       | C164       | 154       | ---        | ---       | ---        | ---       | C194       | 206       | C204       | 153       |
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| C146       | 154       | C156       | 153       | C166       | 205       | C176       | 207       | ---        | ---       | C196       | 207       | C206       | 206       |
| C147       | 153       | C157       | 153       | C167       | 205       | C177       | 212       | C187       | 156       | C197       | 155       | C207       | 153       |
| C148       | 159       | C158       | 153       | C168       | 205       | C178       | 207       | C188       | 207       | C198       | 155       | C208       | 154       |
| C149       | 159       | C159       | 154       | C169       | 205       | C179       | 212       | C189       | 209       | C199       | 155       | C209       | 206       |
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| C215       | 154       | C225       | 212       | C235       | 207       | C245       | 207       | C255       | 207       | C265       | 212       | C275       | 153       |
| C216       | 153       | C226       | 201       | C236       | 207       | C246       | 212       | C256       | 212       | C266       | 207       | C276       | 201       |
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| R235       | 176       | R245       | 171       | ---        | ---       | R265       | 175       | R275       | 176       | R285       | 186       | REG5       | 139       |
| R236       | 176       | ---        | ---       | R256       | 199       | R266       | 175       | R276       | 179       | R286       | 186       | REG6       | 134       |
| R237       | 189       | R247       | 171       | R257       | 175       | R267       | 175       | R277       | 199       | R287       | 186       | REG7       | 134       |
| R238       | 189       | R248       | 174       | R258       | 176       | R268       | 179       | R278       | 186       |            |           | REG8       | 136       |
| R239       | 176       | R249       | 189       | R259       | 192       | R269       | 179       | R279       | 186       |            |           |            |           |
| R240       | 175       | R250       | 183       | R260       | 192       | R270       | 179       | ---        | ---       |            |           |            |           |

### REG

### RN

| 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. |
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| ---        | ---       | RN11       | 166       | RN21       | 166       | RN31       | 164       | RN41       | 147       | RN51       | 144       | RN61       | 147       |
| ---        | ---       | RN12       | 166       | RN22       | 166       | RN32       | 164       | RN42       | 166       | RN52       | 144       | RN62       | 144       |
| ---        | ---       | RN13       | 166       | RN23       | 166       | RN33       | 164       | RN43       | 166       | RN53       | 144       | RN63       | 145       |
| ---        | ---       | RN14       | 166       | RN24       | 168       | RN34       | 164       | RN44       | 165       | RN54       | 144       | RN64       | 147       |
| RN5        | 146       | RN15       | 144       | RN25       | 166       | RN35       | 164       | RN45       | 164       | RN55       | 144       | RN65       | 144       |
| RN6        | 166       | RN16       | 148       | RN26       | 166       | RN36       | 164       | RN46       | 164       | RN56       | 147       |            |           |
| RN7        | 166       | RN17       | 144       | RN27       | 164       | RN37       | 164       | RN47       | 164       | RN57       | 147       |            |           |
| RN8        | 144       | RN18       | 148       | ---        | ---       | RN38       | 147       | RN48       | 144       | RN58       | 147       |            |           |
| RN9        | 148       | RN19       | 145       | ---        | ---       | RN39       | 164       | RN49       | 167       | RN59       | 147       |            |           |
| RN10       | 165       | RN20       | 148       | RN30       | 164       | RN40       | 164       | RN50       | 167       | RN60       | 145       |            |           |



## 40.EGB Board (G133)

| Index No. | Part No.  | Description        | Q'ty Per Assembly |
|-----------|-----------|--------------------|-------------------|
| 1         | G133 5162 | PCB:EGB:AP-P:ASS'Y | 1                 |
|           | B188 5350 | LSI:MB87M4290      | 1                 |

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 101       | 1102 4203 | Connector:292132-4              |                   |
| 102       | 1102 4211 | Connector:1-292132-2            |                   |
| 103       | 1102 6298 | Connector:53324-0560            |                   |
| 104       | 1102 6299 | Connector:53324-0660            |                   |
| 105       | 1102 6597 | Connector                       |                   |
| 106       | 1102 8544 | Connector:1-292207-3            |                   |
| 107       | 1102 8781 | Connector:1-292207-2            |                   |
| 108       | 1102 9112 | Connector:292207-8              |                   |
| 109       | 1102 9121 | Connector:2-292208-4            |                   |
| 110       | 1102 9122 | Connector:2-292208-6            |                   |
| 111       | 1102 9606 | Connector:200RS-JUK-GB          |                   |
| 112       | 1103 3176 | Connector:FH12-45S-0.5SH(89)    |                   |
| 113       | 1103 3179 | Connector:FH12-50S-0.5SV(89)    |                   |
| 114       | 1104 0511 | IC Socket:8P:DICF-8CS-E         |                   |
| 115       | 1107 1083 | Fuse:Sst 4                      |                   |
| 116       | 1400 0688 | Transistor DTC143ZUA            |                   |
| 117       | 1400 0775 | Transistor:2SC4081              |                   |
| 118       | 1400 0810 | Transistor:DTC114EUA            |                   |
| 119       | 1400 0992 | Transistor:DTC124XUA            |                   |
| 120       | 1402 1336 | Diode:1SS355                    |                   |
| 121       | 1402 1343 | Diode:RB160L-40                 |                   |
| 122       | 1403 0953 | LED:SML-310MT                   |                   |
| 123       | 1403 0978 | LED:SML-310DT                   |                   |
| 124       | 1403 0996 | LED:SML-310VT                   |                   |
| 125       | 1407 5347 | IC:SN74LV08APW                  |                   |
| 126       | 1407 5373 | IC:SN74LV21APW                  |                   |
| 127       | 1407 5392 | IC:SN74LV541APW                 |                   |
| 128       | 1407 5463 | IC:SN74LV245APW                 |                   |
| 129       | 1407 6101 | Cmos Logic:SN74LVC2G17DCK       |                   |
| 130       | 1407 6166 | Custom IC:ESOC                  |                   |
| 131       | 1407 6447 | Custom IC:Gavd Type-W           |                   |
| 132       | 1408 1550 | Operational Amplifier:LM2902PW  |                   |
| 133       | 1408 1653 | Operational Amplifier:LMV324IPW |                   |
| 134       | 1408 1669 | Series Regulator:R1170H331B-FB  |                   |
| 135       | 1408 1826 | IC:R3112Q421A-FA                |                   |

| Index No. | Part No.  | Description                                     | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------------|-------------------|
| 136       | 1408 1850 | Series Regulator:R1170H181B-FB                  |                   |
| 137       | 1408 1907 | IC:R3112Q451A-FA                                |                   |
| 138       | 1408 1962 | IC:PQ1CZ41H2ZPH                                 |                   |
| 139       | 1408 2016 | Series Regulator:R1114Q181B-FA                  |                   |
| 140       | 1408 2024 | IC:R3112Q261A-FA                                |                   |
| 141       | 1408 2236 | Series Regulator:BH18FB1WG                      |                   |
| 142       | 1503 1013 | Crystal Oscillator:24.3MHZ                      |                   |
| 143       | 1503 1215 | Crystal Oscillator:17.5MHZ                      |                   |
| 144       | 1601 7752 | Resistor:10K $\Omega$ : $\pm$ 5%:4              |                   |
| 145       | 1601 7791 | Resistor Array                                  |                   |
| 146       | 1601 7796 | Resistor                                        |                   |
| 147       | 1601 7867 | Resistor:33 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 148       | 1601 7871 | Resistor:68 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 149       | 1604 4894 | Capacitor:100UF: $\pm$ 20%:16V                  |                   |
| 150       | 1604 5002 | Capacitor:220UF: $\pm$ 20%:6.3V                 |                   |
| 151       | 1604 5046 | Capacitor:150UF: $\pm$ 20%:10V                  |                   |
| 152       | 1604 5618 | Capacitor:150UF: $\pm$ 20%:10V                  |                   |
| 153       | 1605 1137 | Capacitor:470pF: $\pm$ 10%:50V                  |                   |
| 154       | 1605 1148 | Capacitor:0.1UF:+80-20%:50V                     |                   |
| 155       | 1605 1186 | Capacitor:220pF: $\pm$ 10%:50V                  |                   |
| 156       | 1605 1190 | Capacitor:0.022UF: $\pm$ 10%:50V                |                   |
| 157       | 1605 1281 | Capacitor - 0.22 $\mu$ F $\pm$ 10% 16v          |                   |
| 158       | 1605 1295 | Capacitor:10UF:+80-20%:10V                      |                   |
| 159       | 1605 1347 | Capacitor:1UF:+80-20%:16V                       |                   |
| 160       | 1607 1196 | Inductor:SLF7045-221MR33-pF                     |                   |
| 161       | 1607 1536 | Filter:NFM21PC105B1A3B                          |                   |
| 162       | 1607 1606 | Inductor:NLFC453232-150K-pF                     |                   |
| 163       | 1607 1707 | Inductor:CDRH5D28RNP-150NC                      |                   |
| 164       | 1609 0005 | Registor:33 $\Omega$ : $\pm$ 5%:1/16W           |                   |
| 165       | 1609 0006 | Registor:10k $\Omega$ : $\pm$ 5%:1/16W          |                   |
| 166       | 1609 0007 | Resistor - 68 $\Omega$ $\pm$ 5% 1/16W           |                   |
| 167       | 1609 0012 | Chip Resistor:3.3K $\Omega$ : $\pm$ 5%:1/16W:8p |                   |
| 168       | 1609 0017 | Chip Resistor:150 $\Omega$ : $\pm$ 5%:1/16W:8p  |                   |
| 169       | 1610 1427 | Resistor:15 $\Omega$ : $\pm$ 5%:1W 6332         |                   |
| 170       | 1633 0000 | Resistor:0 $\Omega$ :2125                       |                   |

| Index No. | Part No.  | Description                                       | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------------------|-------------------|
| 171       | 1634 0000 | Resistor:0 $\Omega$ :1608                         |                   |
| 172       | 1644 0100 | Capacitor:10UF: $\pm$ 20%:10V                     |                   |
| 173       | 1650 2680 | Chip Resistor:68 $\Omega$ : $\pm$ 5%:1/4W:3216    |                   |
| 174       | 1650 4101 | Resistor:100 $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 175       | 1650 4102 | Resistor:1K $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 176       | 1650 4103 | Resistor:10K $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 177       | 1650 4105 | Resistor:1M $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 178       | 1650 4122 | Resistor:1.2K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 179       | 1650 4154 | Resistor:150K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 180       | 1650 4181 | Resistor:180 $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 181       | 1650 4222 | Resistor:2.2K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 182       | 1650 4244 | Resistor:240K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 183       | 1650 4330 | Resistor:33 $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 184       | 1650 4331 | Resistor:330 $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 185       | 1650 4332 | Resistor:3.3K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 186       | 1650 4471 | Resistor:470 $\Omega$ : $\pm$ 5%:1/10W:1608       |                   |
| 187       | 1650 4472 | Resistor:4.7K $\Omega$ : $\pm$ 5%:1/10W:1608      |                   |
| 188       | 1650 4621 | Chip Resistor:620 $\Omega$ : $\pm$ 5%:1/10W:1608  |                   |
| 189       | 1650 4680 | Resistor:68 $\Omega$ : $\pm$ 5%:1/10W:1608        |                   |
| 190       | 1650 4821 | Chip Resistor:820 $\Omega$ : $\pm$ 5%:1/10W:1608  |                   |
| 191       | 1654 1000 | Resistor:100 $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 192       | 1654 1001 | Resistor:1K $\Omega$ : $\pm$ 1%:1/10W:1608        |                   |
| 193       | 1654 1801 | Chip Resistor:1.8K $\Omega$ : $\pm$ 1%:1/10W:1608 |                   |
| 194       | 1654 1802 | Resistor:18K $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 195       | 1654 2202 | Chip Resistor:22K $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 196       | 1654 3900 | Chip Resistor:390 $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 197       | 1654 4700 | Resistor:470 $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 198       | 1654 4701 | Resistor:4.7K $\Omega$ : $\pm$ 1%:1/10W:1608      |                   |
| 199       | 1654 8200 | Chip Resistor:820 $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 200       | 1654 9100 | Chip Resistor:910 $\Omega$ : $\pm$ 1%:1/10W:1608  |                   |
| 201       | 1660 2101 | Capacitor:100pF:50V:1608                          |                   |
| 202       | 1660 2120 | Capacitor:12pF:50V:1608                           |                   |
| 203       | 1660 2150 | Capacitor:15pF:50V:1608                           |                   |
| 204       | 1660 2151 | Capacitor:150pF: $\pm$ 5%:50V:1608                |                   |
| 205       | 1660 2330 | Capacitor:33pF:50V:1608                           |                   |

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 206       | 1660 2470 | Capacitor:47pF:50V:1608        |                   |
| 207       | 1660 4102 | Capacitor:1000pF:50V:1608      |                   |
| 208       | 1660 4103 | Capacitor:10000pF:50V:1608     |                   |
| 209       | 1660 4332 | Capacitor:3300pF:50V 1608      |                   |
| 210       | 1660 4472 | Capacitor:4700pF:50V:1608      |                   |
| 211       | 1660 6103 | Capacitor:10000pF:50V:1608     |                   |
| 212       | 1660 8104 | Capacitor:100000pF:25V:1608    |                   |
| 213       | 1902 0069 | Sram:4M:X16:3.3V:G1            |                   |
| 214       | 1906 0094 | Flash Memory:S29AI016D70TFI020 |                   |

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



## 41.CTRL Board (G133)

### BAT

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| BAT1       | 117       |

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
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| C1         | 231       |
| C2         | 217       |
| C3         | 231       |
| C4         | 217       |
| C5         | 244       |
| C6         | 231       |
| C7         | 246       |
| C8         | 246       |
| C9         | 229       |
| C10        | 229       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C11        | 220       |
| C12        | 220       |
| C13        | 220       |
| C14        | 220       |
| C15        | 220       |
| C16        | 215       |
| C17        | 215       |
| C18        | 215       |
| C19        | 215       |
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| SYMBOL NO. | INDEX NO. |
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| C21        | 207       |
| C22        | 207       |
| C23        | 215       |
| C24        | 215       |
| C25        | 215       |
| C26        | 215       |
| C27        | 215       |
| C28        | 220       |
| C29        | 220       |
| C30        | 220       |

| SYMBOL NO. | INDEX NO. |
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| C31        | 220       |
| C32        | 220       |
| C33        | 216       |
| C34        | 229       |
| C35        | 382       |
| C36        | 197       |
| ---        | ---       |
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| C39        | 196       |
| C40        | 213       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C41        | 227       |
| C42        | 222       |
| C43        | 216       |
| C44        | 218       |
| C45        | 235       |
| C46        | 230       |
| C47        | 218       |
| C48        | 216       |
| C49        | 227       |
| C50        | 213       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ---        | ---       |
| C52        | 216       |
| C53        | 227       |
| C54        | 218       |
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| C56        | 218       |
| C57        | 239       |
| C58        | 247       |
| C59        | 247       |
| C60        | 250       |

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
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| C61        | 220       |
| C62        | 249       |
| C63        | 382       |
| C64        | 382       |
| C65        | 382       |
| C66        | 382       |
| C67        | 382       |
| C68        | 382       |
| C69        | 382       |
| C70        | 382       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C71        | 382       |
| C72        | 382       |
| C73        | 382       |
| C74        | 382       |
| C75        | 382       |
| C76        | 382       |
| C77        | 382       |
| C78        | 382       |
| C79        | 382       |
| C80        | 382       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C81        | 382       |
| C82        | 382       |
| C83        | 216       |
| C84        | 229       |
| C85        | 382       |
| C86        | 216       |
| C87        | 216       |
| C88        | 382       |
| C89        | 382       |
| C90        | 229       |

| SYMBOL NO. | INDEX NO. |
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| C91        | 229       |
| C92        | 203       |
| C93        | 216       |
| C94        | 382       |
| C95        | 218       |
| C96        | 218       |
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| C99        | 218       |
| C100       | 216       |

| SYMBOL NO. | INDEX NO. |
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| C101       | 228       |
| C102       | 228       |
| C103       | 200       |
| C104       | 382       |
| C105       | 224       |
| C106       | 210       |
| C107       | 224       |
| C108       | 211       |
| C109       | 218       |
| C110       | 218       |

| SYMBOL NO. | INDEX NO. |
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| C111       | 218       |
| C112       | 216       |
| C113       | 218       |
| C114       | 382       |
| C115       | 231       |
| C116       | 218       |
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| C118       | 218       |
| C119       | 218       |
| C120       | 216       |

| SYMBOL NO. | INDEX NO. |
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| C121       | 231       |
| C122       | 218       |
| C123       | 216       |
| C124       | 218       |
| C125       | 231       |
| C126       | 216       |
| C127       | 218       |
| C128       | 231       |
| C129       | 231       |
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## 41.CTRL Board (G133)

### CAPACITOR

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| C131       | 231       | C141       | 235       | C151       | 229       | C161       | 218       | ---        | ---       | C181       | 231       | C191       | 231       |
| C132       | 216       | ---        | ---       | C152       | 218       | C162       | 218       | ---        | ---       | C182       | 199       | C192       | 218       |
| C133       | 218       | ---        | ---       | C153       | 209       | C163       | 218       | ---        | ---       | C183       | 218       | C193       | 198       |
| C134       | 218       | C144       | 217       | C154       | 218       | C164       | 216       | C174       | 216       | ---        | ---       | C194       | 198       |
| C135       | 217       | C145       | 218       | C155       | 227       | C165       | 218       | C175       | 206       | ---        | ---       | C195       | 198       |
| ---        | ---       | C146       | 218       | C156       | 227       | C166       | 224       | C176       | 206       | C186       | 208       | C196       | 217       |
| C137       | 205       | C147       | 231       | C157       | 218       | C167       | 204       | ---        | ---       | C187       | 231       | C197       | 231       |
| C138       | 205       | C148       | 218       | C158       | 227       | C168       | 382       | C178       | 206       | ---        | ---       | C198       | 229       |
| C139       | 221       | ---        | ---       | C159       | 218       | C169       | 204       | C179       | 206       | C189       | 231       | C199       | 218       |
| C140       | 218       | C150       | 218       | C160       | 216       | ---        | ---       | C180       | 218       | C190       | 223       | ---        | ---       |

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|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | C211       | 218       | C221       | 218       | C231       | 220       | C241       | 227       | C251       | 227       | C261       | 216       |
| ---        | ---       | C212       | 218       | C222       | 218       | C232       | 218       | C242       | 216       | C252       | 227       | C262       | 227       |
| C203       | 218       | C213       | 218       | C223       | 211       | C233       | 211       | C243       | 216       | C253       | 199       | C263       | 206       |
| C204       | 218       | C214       | 218       | C224       | 216       | C234       | 216       | C244       | 227       | C254       | 231       | C264       | 206       |
| C205       | 218       | C215       | 218       | ---        | ---       | C235       | 220       | C245       | 216       | ---        | ---       | C265       | 227       |
| C206       | 218       | C216       | 218       | C226       | 217       | C236       | 229       | C246       | 227       | ---        | ---       | ---        | ---       |
| C207       | 218       | C217       | 218       | C227       | 235       | C237       | 227       | C247       | 206       | ---        | ---       | ---        | ---       |
| C208       | 218       | C218       | 218       | C228       | 214       | C238       | 227       | C248       | 229       | C258       | 216       | C268       | 224       |
| C209       | 218       | C219       | 218       | C229       | 215       | C239       | 216       | C249       | 216       | C259       | 231       | C269       | 216       |
| C210       | 218       | C220       | 218       | C230       | 227       | C240       | 206       | C250       | 227       | C260       | 231       | C270       | 218       |

## 41.CTRL Board (G133)

### 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. |
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| C271       | 216       | C281       | 231       | C291       | 218       | C301       | 216       | C311       | 245       | C321       | 231       | C331       | 218       |
| C272       | 224       | C282       | 216       | C292       | 216       | C302       | 218       | C312       | 229       | C322       | 216       | C332       | 224       |
| ---        | ---       | C283       | 216       | C293       | 216       | C303       | 218       | C313       | 237       | C323       | 216       | C333       | 224       |
| ---        | ---       | ---        | ---       | C294       | 218       | C304       | 216       | C314       | 216       | C324       | 218       | C334       | 215       |
| C275       | 231       | C285       | 225       | C295       | 231       | C305       | 226       | C315       | 218       | C325       | 231       | C335       | 231       |
| C276       | 231       | C286       | 210       | C296       | 231       | C306       | 229       | C316       | 218       | C326       | 199       | C336       | 218       |
| C277       | 231       | C287       | 216       | C297       | 231       | C307       | 216       | C317       | 216       | C327       | 217       | C337       | 218       |
| C278       | 231       | C288       | 199       | C298       | 231       | C308       | 229       | C318       | 231       | C328       | 219       | C338       | 218       |
| C279       | 231       | C289       | 231       | ---        | ---       | C309       | 229       | C319       | 231       | C329       | 224       | ---        | ---       |
| C280       | 231       | C290       | 216       | C300       | 212       | C310       | 218       | C320       | 231       | C330       | 224       | ---        | ---       |

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| C341       | 218       | C351       | 218       | C361       | 229       | C371       | 218       | C381       | 201       | C391       | 229       | C401       | 229       |
| C342       | 235       | C352       | 218       | C362       | 229       | C372       | 231       | C382       | 218       | C392       | 201       | C402       | 201       |
| C343       | 218       | C353       | 218       | C363       | 218       | C373       | 218       | C383       | 235       | C393       | 201       | C403       | 201       |
| C344       | 235       | C354       | 218       | C364       | 218       | C374       | 231       | C384       | 218       | C394       | 218       | C404       | 231       |
| C345       | 229       | C355       | 231       | C365       | 218       | C375       | 201       | C385       | 201       | C395       | 231       | C405       | 218       |
| C346       | 218       | C356       | 231       | C366       | 218       | C376       | 201       | C386       | 201       | C396       | 201       | C406       | 231       |
| C347       | 235       | C357       | 229       | C367       | 218       | C377       | 201       | C387       | 231       | C397       | 201       | C407       | 201       |
| C348       | 218       | C358       | 229       | C368       | 218       | C378       | 201       | C388       | 231       | C398       | 218       | C408       | 201       |
| C349       | 229       | C359       | 229       | C369       | 218       | C379       | 201       | C389       | 218       | C399       | 246       | C409       | 229       |
| C350       | 218       | C360       | 229       | C370       | 218       | C380       | 229       | C390       | 229       | C400       | 229       | C410       | 229       |

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| C411       | 218       | C421       | 201       | C431       | 218       | C441       | 218       | C451       | 218       | C461       | 218       | C471       | 229       |
| C412       | 231       | C422       | 201       | C432       | 218       | C442       | 218       | C452       | 218       | C462       | 218       | C472       | 210       |
| C413       | 218       | C423       | 201       | C433       | 218       | C443       | 218       | C453       | 235       | C463       | 229       | C473       | 218       |
| C414       | 201       | C424       | 201       | C434       | 218       | C444       | 229       | C454       | 235       | C464       | 229       | C474       | 218       |
| C415       | 201       | C425       | 201       | C435       | 218       | C445       | 218       | C455       | 218       | C465       | 236       | C475       | 229       |
| C416       | 218       | C426       | 231       | C436       | 218       | C446       | 218       | C456       | 229       | C466       | 231       | C476       | 210       |
| C417       | 201       | C427       | 218       | C437       | 218       | C447       | 235       | C457       | 235       | ---        | ---       | C477       | 218       |
| C418       | 229       | C428       | 235       | ---        | ---       | C448       | 218       | C458       | 229       | C468       | 218       | C478       | 236       |
| C419       | 218       | C429       | 218       | C439       | 202       | C449       | 218       | C459       | 220       | C469       | 231       | C479       | 218       |
| C420       | 218       | C430       | 218       | C440       | 235       | C450       | 218       | C460       | 229       | C470       | 231       | C480       | 218       |

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| C481       | 218       | C491       | 218       | C501       | 218       | C511       | 229       | C521       | 229       | C531       | 218       | C541       | 218       |
| C482       | 218       | C492       | 218       | C502       | 218       | C512       | 218       | C522       | 231       | C532       | 218       | C542       | 218       |
| C483       | 218       | C493       | 229       | C503       | 218       | C513       | 236       | C523       | 215       | C533       | 215       | C543       | 218       |
| C484       | 218       | C494       | 218       | C504       | 218       | C514       | 218       | C524       | 218       | C534       | 229       | C544       | 218       |
| C485       | 218       | C495       | 229       | C505       | 229       | C515       | 218       | C525       | 229       | C535       | 218       | C545       | 218       |
| C486       | 218       | C496       | 218       | C506       | 218       | C516       | 236       | C526       | 218       | ---        | ---       | C546       | 218       |
| C487       | 218       | C497       | 236       | C507       | 218       | C517       | 229       | C527       | 218       | C537       | 218       | C547       | 218       |
| C488       | 218       | C498       | 218       | C508       | 218       | C518       | 218       | C528       | 218       | C538       | 231       | C548       | 218       |
| C489       | 218       | C499       | 218       | C509       | 218       | C519       | 236       | C529       | 218       | C539       | 218       | C549       | 218       |
| C490       | 218       | C500       | 229       | C510       | 229       | C520       | 218       | C530       | 218       | C540       | 218       | C550       | 218       |



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| C551       | 218       | C561       | 236       | C571       | 218       | C581       | 218       | C591       | 231       | C601       | 218       | C611       | 209       |
| C552       | 231       | C562       | 218       | C572       | 218       | C582       | 218       | C592       | 231       | C602       | 218       | C612       | 218       |
| ---        | ---       | C563       | 236       | C573       | 218       | C583       | 218       | ---        | ---       | C603       | 232       | C613       | 218       |
| C554       | 218       | C564       | 236       | C574       | 218       | ---        | ---       | C594       | 231       | C604       | 209       | C614       | 218       |
| C555       | 218       | C565       | 236       | C575       | 218       | ---        | ---       | C595       | 229       | C605       | 218       | C615       | 218       |
| C556       | 218       | C566       | 218       | C576       | 218       | C586       | 216       | C596       | 218       | C606       | 218       | C616       | 218       |
| C557       | 218       | C567       | 218       | C577       | 218       | C587       | 218       | C597       | 229       | C607       | 218       | C617       | 199       |
| C558       | 218       | C568       | 229       | C578       | 218       | C588       | 216       | C598       | 218       | C608       | 218       | C618       | 218       |
| C559       | 218       | C569       | 229       | C579       | 218       | C589       | 218       | C599       | 209       | C609       | 218       | C619       | 218       |
| C560       | 218       | C570       | 218       | C580       | 218       | C590       | 227       | C600       | 232       | C610       | 218       | C620       | 229       |

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|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C621       | 218       | C632       | 218       | C642       | 218       | C652       | 231       | C662       | 231       | C672       | 216       | ---        | ---       |
| C622       | 229       | C633       | 209       | C643       | 218       | C653       | 229       | C663       | 231       | C673       | 224       | C683       | 220       |
| C623       | 218       | C634       | 229       | C644       | 229       | ---        | ---       | C664       | 218       | C674       | 218       | C684       | 242       |
| ---        | ---       | C635       | 218       | C645       | 231       | C655       | 229       | C665       | 231       | C675       | 216       | C685       | 247       |
| C625       | 218       | C636       | 218       | C646       | 218       | C656       | 229       | C666       | 231       | C676       | 224       | C686       | 250       |
| ---        | ---       | ---        | ---       | C647       | 218       | C657       | 218       | C667       | 231       | C677       | 224       | C686       | 235       |
| C627       | 229       | ---        | ---       | C648       | 218       | C658       | 229       | C668       | 218       | C678       | 218       | C687       | 382       |
| C628       | 229       | C639       | 209       | C649       | 218       | C659       | 235       | C669       | 218       | C679       | 230       | C688       | 382       |
| C629       | 218       | C640       | 218       | C650       | 229       | ---        | ---       | C670       | 218       | C680       | 216       | C689       | 382       |
| C630       | 218       | C641       | 218       | C651       | 209       | C661       | 231       | C671       | 218       | ---        | ---       | C690       | 382       |
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| C691       | 382       | C701       | 382       | C711       | 229       | C721       | 382       | C731       | 382       | C741       | 229       | C751       | 231       |
| C692       | 382       | C702       | 382       | C712       | 382       | C722       | 382       | C732       | 382       | C742       | 382       | C752       | 231       |
| C693       | 382       | C703       | 382       | C713       | 229       | C723       | 229       | C733       | 229       | C743       | 382       | C753       | 229       |
| C694       | 382       | C704       | 382       | C714       | 382       | C724       | 382       | C734       | 229       | C744       | 229       | C754       | 234       |
| C695       | 382       | C705       | 382       | C715       | 216       | C725       | 229       | C735       | 229       | C745       | 382       | C755       | 234       |
| C696       | 382       | C706       | 382       | C716       | 382       | C726       | 382       | C736       | 229       | C746       | 382       | C756       | 234       |
| C697       | 382       | C707       | 229       | C717       | 229       | C727       | 382       | C737       | 229       | C747       | 382       | C757       | 234       |
| C698       | 382       | C708       | 229       | C718       | 382       | ---        | ---       | C738       | 229       | C748       | 382       | C758       | 382       |
| C699       | 382       | C709       | 216       | C719       | 229       | C729       | 382       | C739       | 229       | C749       | 231       | C759       | 229       |
| C700       | 382       | C710       | 216       | C720       | 229       | C730       | 382       | C740       | 229       | C750       | 231       | C760       | 229       |

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|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C761       | 229       | C771       | 231       | C781       | 229       | C791       | 382       | C801       | 229       | C811       | 224       | C821       | 218       |
| C762       | 229       | C772       | 231       | C782       | 229       | C792       | 231       | ---        | ---       | C812       | 200       | C822       | 215       |
| C763       | 229       | C773       | 231       | C783       | 229       | C793       | 231       | ---        | ---       | C813       | 382       | C823       | 227       |
| C764       | 382       | C774       | 231       | C784       | 231       | C794       | 231       | C804       | 227       | C814       | 200       | C824       | 224       |
| C765       | 382       | C775       | 234       | C785       | 382       | C795       | 231       | C805       | 200       | C815       | 238       | C825       | 244       |
| C766       | 382       | C776       | 234       | C786       | 229       | C796       | 234       | C806       | 224       | C816       | 248       | ---        | ---       |
| C767       | 382       | C777       | 234       | C787       | 382       | C797       | 234       | C807       | 224       | C817       | 231       | C827       | 244       |
| C768       | 382       | C778       | 234       | C788       | 382       | C798       | 234       | C808       | 218       | C818       | 199       | C828       | 250       |
| C769       | 382       | C779       | 229       | C789       | 382       | C799       | 234       | C809       | 235       | C819       | 229       | C829       | 220       |
| C770       | 229       | C780       | 229       | C790       | 382       | C800       | 382       | C810       | 224       | C820       | 231       | C830       | 249       |

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|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C831       | 231       | C841       | 233       | C851       | 382       | ---        | ---       | C871       | 218       | C881       | 227       | ---        | ---       |
| C832       | 217       | C842       | 233       | C852       | 229       | C862       | 218       | C872       | 382       | C882       | 227       | C892       | 231       |
| C833       | 233       | C843       | 227       | ---        | ---       | ---        | ---       | C873       | 227       | C883       | 227       | C893       | 230       |
| C834       | 233       | C844       | 227       | ---        | ---       | ---        | ---       | C874       | 227       | C884       | 227       | C894       | 244       |
| C835       | 233       | C845       | 240       | C855       | 243       | ---        | ---       | C875       | 227       | C885       | 227       | C895       | 235       |
| C836       | 233       | C846       | 227       | C856       | 243       | C866       | 216       | C876       | 227       | C886       | 227       | C896       | 218       |
| C837       | 233       | C847       | 227       | C857       | 200       | C867       | 218       | C877       | 227       | C887       | 235       | C897       | 231       |
| C838       | 233       | C848       | 240       | ---        | ---       | C868       | 218       | C878       | 227       | C888       | 224       | C898       | 230       |
| C839       | 233       | C849       | 216       | C859       | 218       | ---        | ---       | C879       | 227       | C889       | 241       | C899       | 199       |
| C840       | 233       | C850       | 248       | ---        | ---       | C870       | 218       | C880       | 227       | C890       | 244       | C900       | 218       |

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| R263       | 322       | R273       | 277       | R283       | 276       | R293       | 277       | R303       | 294       | R313       | 312       | R323       | 311       |
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| R838       | 312       | ---        | ---       | R858       | 312       | R868       | 294       | R878       | 304       | R888       | 277       | R898       | 277       |
| R839       | 323       | R849       | 322       | R859       | 312       | R869       | 304       | R879       | 311       | R889       | 277       | R899       | 277       |
| R840       | 277       | R850       | 322       | R860       | 312       | R870       | 304       | R880       | 305       | R890       | 322       | R900       | 277       |

## 41.CTRL Board (G133)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| ---        | ---       | ---        | ---       | R921       | 273       | R931       | 304       | R941       | 361       | R951       | 340       | R961       | 353       |
| R902       | 277       | R912       | 293       | R922       | 367       | R932       | 304       | R942       | 361       | R952       | 340       | R962       | 346       |
| ---        | ---       | ---        | ---       | R923       | 367       | R933       | 367       | R943       | 340       | R953       | 340       | R963       | 324       |
| ---        | ---       | ---        | ---       | R924       | 367       | R934       | 367       | R944       | 340       | R954       | 340       | ---        | ---       |
| R905       | 300       | R915       | 337       | R925       | 367       | R935       | 367       | R945       | 340       | R955       | 340       | ---        | ---       |
| ---        | ---       | ---        | ---       | R926       | 304       | R936       | 367       | R946       | 340       | R956       | 340       | R966       | 346       |
| R907       | 300       | R917       | 325       | R927       | 304       | R937       | 328       | R947       | 340       | R957       | 340       | R967       | 346       |
| R908       | 276       | ---        | ---       | R928       | 304       | R938       | 328       | R948       | 340       | R958       | 340       | R968       | 346       |
| R909       | 310       | ---        | ---       | R929       | 304       | R939       | 361       | R949       | 340       | R959       | 340       | R969       | 346       |
| R910       | 278       | R920       | 303       | R930       | 304       | R940       | 361       | R950       | 340       | R960       | 340       | R970       | 346       |

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R971       | 364       | R981       | 346       | R991       | 277       | R1001      | 278       | R1011      | 351       | ---        | ---       | R1031      | 277       |
| R972       | 333       | ---        | ---       | R992       | 294       | R1002      | 277       | ---        | ---       | R1022      | 277       | R1032      | 277       |
| ---        | ---       | R983       | 278       | R993       | 294       | R1003      | 277       | R1013      | 277       | R1023      | 322       | ---        | ---       |
| R974       | 375       | R984       | 277       | R994       | 353       | R1004      | 277       | R1014      | 276       | R1024      | 277       | ---        | ---       |
| R975       | 375       | R985       | 277       | ---        | ---       | R1005      | 278       | R1015      | 298       | ---        | ---       | ---        | ---       |
| ---        | ---       | R986       | 291       | R996       | 353       | R1006      | 278       | R1016      | 310       | R1026      | 277       | ---        | ---       |
| R977       | 324       | R987       | 273       | R997       | 361       | R1007      | 277       | R1017      | 277       | R1027      | 277       | ---        | ---       |
| R978       | 333       | R988       | 333       | R998       | 273       | R1008      | 379       | R1018      | 278       | R1028      | 277       | ---        | ---       |
| R979       | 346       | R989       | 333       | R999       | 361       | R1009      | 278       | ---        | ---       | R1029      | 277       | ---        | ---       |
| R980       | 346       | R990       | 333       | R1000      | 291       | R1010      | 358       | ---        | ---       | R1030      | 277       | R1040      | 273       |

## 41.CTRL Board (G133)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|----------------------|----------------------|------------|-----------|
| R1041      | 273       | R1051      | 294       | ---        | ---       | R1072      | 324       | R1082      | 322       | R7002                | 327                  | RN1        | 264       |
| R1042      | 273       | ---        | ---       | R1062      | 294       | R1073      | 312       | R1083      | 322       |                      |                      | RN2        | 265       |
| R1043      | 273       | R1053      | 277       | R1063      | 294       | R1074      | 312       | R1084      | 294       |                      |                      | RN3        | 265       |
| R1044      | 273       | ---        | ---       | ---        | ---       | R1075      | 312       | ---        | ---       |                      |                      | RN4        | 265       |
| R1045      | 273       | ---        | ---       | R1065      | 278       | R1076      | 312       | ---        | ---       |                      |                      | RN5        | 265       |
|            |           |            |           | R1066      | 294       | R1077      | 312       | ---        | ---       | REG                  |                      | RN6        | 265       |
| R1046      | 273       | ---        | ---       | ---        | ---       | R1078      | 322       | ---        | ---       |                      |                      | RN7        | 265       |
| R1047      | 273       | ---        | ---       | R1069      | 340       | R1079      | 277       | ---        | ---       |                      |                      | RN8        | 265       |
| R1048      | 273       | ---        | ---       | ---        | ---       | R1080      | 324       | ---        | ---       | SYMBOL NO. INDEX NO. | REG1 181<br>REG2 174 | RN9        | 265       |
| R1049      | 273       | R1059      | 294       | R1071      | 276       | R1081      | 274       | ---        | ---       |                      |                      | RN10       | 265       |
| ---        | ---       | R1060      | 294       |            |           |            |           |            |           |                      |                      |            |           |

### RN

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| RN11       | 264       | RN21       | 190       | RN31       | 193       | RN41       | 260       | RN51       | 192       | RN61       | 191       | RN71       | 194       |
| RN12       | 264       | RN22       | 190       | RN32       | 267       | RN42       | 260       | RN52       | 192       | RN62       | 191       | RN72       | 194       |
| RN13       | 264       | RN23       | 190       | RN33       | 267       | RN43       | 260       | RN53       | 192       | RN63       | 191       | RN73       | 194       |
| RN14       | 264       | RN24       | 263       | RN34       | 267       | RN44       | 265       | RN54       | 192       | RN64       | 191       | RN74       | 194       |
| RN15       | 264       | RN25       | 193       | RN35       | 267       | RN45       | 191       | RN55       | 260       | RN65       | 191       | RN75       | 194       |
| RN16       | 190       | RN26       | 263       | RN36       | 267       | RN46       | 192       | RN56       | 260       | RN66       | 191       | RN76       | 194       |
| RN17       | 190       | RN27       | 263       | RN37       | 267       | RN47       | 192       | RN57       | 262       | RN67       | 191       | RN77       | 194       |
| RN18       | 190       | RN28       | 263       | RN38       | 267       | RN48       | 192       | RN58       | 262       | RN68       | 192       | RN78       | 194       |
| RN19       | 190       | RN29       | 263       | RN39       | 267       | RN49       | 192       | RN59       | 191       | RN69       | 192       | RN79       | 194       |
| RN20       | 190       | RN30       | 263       | RN40       | 267       | RN50       | 192       | RN60       | 191       | RN70       | 192       | RN80       | 194       |

## 41. CTRL Board (G133)

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN81       | 261       |
| RN82       | 261       |
| RN83       | 264       |
| RN84       | 264       |
| RN85       | 264       |
|            |           |
| RN86       | 264       |
| RN87       | 264       |
| RN88       | 264       |
| RN89       | 190       |
| RN90       | 190       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN91       | 190       |
| RN92       | 190       |
| RN93       | 190       |
| RN94       | 190       |
| RN95       | 190       |
|            |           |
| RN96       | 190       |
| RN97       | 263       |
| RN98       | 263       |
| RN99       | 195       |
| RN100      | 263       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RN101      | 263       |
| RN102      | 266       |
| RN103      | 266       |
| RN104      | 266       |
| RN105      | 266       |

### SW

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| SW1        | 115       |
| SW2        | 116       |
| SW3        | 115       |
| SW4        | 116       |

## 41.CTRL Board (G133)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| *         | G133 5701 | PCB:Type-JBX4:Ass'Y          | 1                 |
| 1         | B132 5798 | IC:Violin                    | 1                 |
| 2         | G133 5760 | ASIC:Quena2                  | 1                 |
| 3         | G133 5790 | Flash Memory:Bios:A-P1D:JBX4 | 1                 |

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 101       | 1102 5303 | 3.5:Connector:ST:4P            |                   |
| 102       | 1102 6295 | Connector:53324-0260           |                   |
| 103       | 1102 7615 | Connector:B8B-XH-A(LF)(SN)     |                   |
| 104       | 1102 8329 | Connector:UBB-4R-D14C(LF)(SN)  |                   |
| 105       | 1102 8832 | Connector:DM-3D4-B3200         |                   |
| 106       | 1102 9535 | Connector:200PS-JUK-G-B        |                   |
| 107       | 1102 9605 | Connector:FPS009-2602-0        |                   |
| 108       | 1102 9686 | Connector:RHM-176P-SDK11-U1L1C |                   |
| 109       | 1102 9689 | Connector:2-1734161-4          |                   |
| 110       | 1102 9887 | Connector:52588-3075           |                   |
| 111       | 1102 9890 | Connector:5-1605862-2          |                   |
| 112       | 1104 0764 | Ic Socket:1-390261-2           |                   |
| 113       | 1107 1095 | Fuse:Sst 2                     |                   |
| 114       | 1109 0044 | Fuse:Minismdc200F              |                   |
| 115       | 1204 1385 | B3F-1050                       |                   |
| 116       | 1204 1543 | Dip Switch:72D-08E             |                   |
| 117       | 1206 0072 | Lithium Cell:CR2354-1VC        |                   |
| 118       | 1400 0714 | Transistor:2SD1781KR           |                   |
| 119       | 1400 0715 | Transistor:2SD1197KR           |                   |
| 120       | 1400 0730 | Transistor:2SD1782K            |                   |
| 121       | 1400 0769 | Transistor:2SA1576A            |                   |
| 122       | 1400 0775 | Transistor:2SC4081             |                   |
| 123       | 1400 0810 | Transistor:DTC114EUA           |                   |
| 124       | 1400 0981 | Transistor:2SC3052-T112        |                   |
| 125       | 1401 0902 | Fet:2SK1590-A                  |                   |
| 126       | 1401 1181 | Fet:2SK2157-AZ                 |                   |
| 127       | 1401 1209 | Fet Array:HAT2093R-E           |                   |
| 128       | 1401 1222 | Fet:HAT2068R-E                 |                   |
| 129       | 1401 1228 | Fet:SI3433DV-E3/SI3433BDV-E3   |                   |
| 130       | 1401 1234 | Fet:SSM3J02T                   |                   |
| 131       | 1401 1296 | Fet:TPC8115                    |                   |
| 132       | 1401 1317 | Fet:HAT2197R-E                 |                   |
| 133       | 1401 1318 | Fet:HAT2198R-E                 |                   |
| 134       | 1401 1320 | Fet:TPC8107                    |                   |
| 135       | 1401 1411 | Fet:HAT2195R-E                 |                   |

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| 136       | 1402 1336 | Diode:1SS355                          |                   |
| 137       | 1402 1398 | Diode:RB050L-40                       |                   |
| 138       | 1402 1530 | Diode:RB520S-30                       |                   |
| 139       | 1402 1587 | Diode - Rb060                         |                   |
| 140       | 1402 1698 | Diode - Rb                            |                   |
| 141       | 1403 0953 | Led:SML-310MT                         |                   |
| 142       | 1403 0996 | Led:SML-310VT                         |                   |
| 143       | 1407 4919 | IC:74VHCT244:TSSOP                    |                   |
| 144       | 1407 5300 | Cmos Logic:74LVC16244A:TSSOP          |                   |
| 145       | 1407 5369 | IC:SH74AHCT32Pw                       |                   |
| 146       | 1407 5377 | Cmos Logic:SN74AHCT1G08DCK            |                   |
| 147       | 1407 5428 | Cmos Logic:SN74AHC1G08DCK             |                   |
| 148       | 1407 5439 | Cmos Logic:SN74AHC2G66HDCT            |                   |
| 149       | 1407 5469 | IC:SN74LV07APW                        |                   |
| 150       | 1407 5482 | IC:SN74LVC07APW                       |                   |
| 151       | 1407 5483 | Cmos Logic:SN74AHC1G125DCK            |                   |
| 152       | 1407 5508 | IC:SN74LV125APW                       |                   |
| 153       | 1407 5523 | EEPROM:M24C01-WMN6P(REV.S/W/G)        |                   |
| 154       | 1407 5528 | IC:SN74LVC126APW                      |                   |
| 155       | 1407 5604 | Cmos Logic:SN74LVC16245ADGG           |                   |
| 156       | 1407 5790 | Cmos Logic:SN74AHC2G08HDCU            |                   |
| 157       | 1407 5868 | Lan Controller Lsi:DP83847ALQA56A(A8) |                   |
| 158       | 1407 5927 | Cmos Logic:SN74LVC1G14DCK             |                   |
| 159       | 1407 6101 | Cmos Logic:SN74LVC2G17DCK             |                   |
| 160       | 1407 6123 | Cmos Logic:SN74LVC2G125DCU            |                   |
| 161       | 1407 6126 | Clock Generator:ICS950812CG           |                   |
| 162       | 1407 6127 | Clock Generator:ICS960008AFLF         |                   |
| 163       | 1407 6161 | Clock Generator:ICS960009CFLF         |                   |
| 164       | 1407 6187 | Cmos Logic:SN74LVC1G07DCK             |                   |
| 165       | 1407 6203 | Cmos Logic:SN74LVC3G07DCT             |                   |
| 166       | 1407 6205 | Cmos Logic:SN74LVC1G06DCK             |                   |
| 167       | 1407 6278 | ICH3:NH82801CAM(SI7A7)                |                   |
| 168       | 1407 6279 | GMCH:NH82830MP(SI7A6)                 |                   |
| 169       | 1407 6335 | Cmos Logic:SN74LVC1G17DCK             |                   |
| 170       | 1407 6451 | Cmos Logic:SN74LVC1G32DCK             |                   |

| Index No. | Part No.  | Description                                           | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------------------|-------------------|
| 171       | 1407 6455 | Cmos Logic:SN74AHC1G14DCK                             |                   |
| 172       | 1407 6521 | Cmos Logic:TC74VHCT14AFT(K)                           |                   |
| 173       | 1407 6526 | Cpu:NK80530MZ866256(SI7XH)                            |                   |
| 174       | 1408 1640 | Series Regulator:PQ070XH02ZPH                         |                   |
| 175       | 1408 1778 | IC:R3112Q101A-FA                                      |                   |
| 176       | 1408 1779 | IC:R3112Q281A-FA                                      |                   |
| 177       | 1408 1815 | IC:R3112Q151A-FA                                      |                   |
| 178       | 1408 1822 | IC:R3112Q201A-FA                                      |                   |
| 179       | 1408 1825 | IC:R3112Q121A-FA                                      |                   |
| 180       | 1408 1826 | IC:R3112Q421A-FA                                      |                   |
| 181       | 1408 2015 | Series Regulator:PQ018EZ02ZPH                         |                   |
| 182       | 1408 2057 | IC:LTC3714EG#TRPBF                                    |                   |
| 183       | 1408 2463 | DDR Terminator:TPS51116PWPG4                          |                   |
| 184       | 1408 2473 | IC:LTC3728LEUH-1#PBF                                  |                   |
| 185       | 1503 0773 | Crystal Oscillator:MC-306:32.768KHZ:7pF               |                   |
| 186       | 1503 0842 | Crystal Oscillator 14.31818MHZ                        |                   |
| 187       | 1503 1007 | Crystal Oscillator:25MHZ                              |                   |
| 188       | 1503 1181 | Crystal Oscillator:30MHZ                              |                   |
| 189       | 1503 1239 | Crystal Oscillator:25Mhz                              |                   |
| 190       | 1601 7896 | Resistor Array:56 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 191       | 1601 7898 | Resistor Array:33 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 192       | 1601 7909 | Resistor Array:10 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 193       | 1601 7913 | Resistor Array:22 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 194       | 1601 7914 | Resistor Array:47 $\Omega$ : $\pm$ 5%:1/16W:4Number   |                   |
| 195       | 1601 7981 | Resistor Array:100K $\Omega$ : $\pm$ 5%:1/16W:4Number |                   |
| 196       | 1604 4728 | Capacitor:100UF: $\pm$ 20%:16V                        |                   |
| 197       | 1604 5273 | Capacitor:100UF: $\pm$ 20%:35V                        |                   |
| 198       | 1604 5357 | Capacitor:560UF: $\pm$ 20%:4V                         |                   |
| 199       | 1605 1124 | Capacitor:4.7UF:+80-20%:10V                           |                   |
| 200       | 1605 1148 | Capacitor:0.1UF:+80-20%:50V                           |                   |
| 201       | 1605 1176 | Capacitor:0.47UF:+80-20%:16V                          |                   |
| 202       | 1605 1194 | Capacitor:3PF: $\pm$ 0.25pF:50V                       |                   |
| 203       | 1605 1195 | Capacitor:4PF: $\pm$ 0.25pF:50V                       |                   |
| 204       | 1605 1196 | Capacitor:5PF: $\pm$ 0.25pF:50V                       |                   |
| 205       | 1605 1197 | Capacitor:6PF: $\pm$ 0.5pF:50V                        |                   |



| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 206       | 1605 1200 | Capacitor:10PF:±0.5pF:50V      |                   |
| 207       | 1605 1201 | Capacitor:12pF:±5%:50V         |                   |
| 208       | 1605 1205 | Capacitor:33pF:±5%:50V         |                   |
| 209       | 1605 1206 | Capacitor:47pF:±5%:50V         |                   |
| 210       | 1605 1207 | Capacitor:68pF:±5%:50V         |                   |
| 211       | 1605 1208 | Capacitor:100pF:±5%:50V        |                   |
| 212       | 1605 1209 | Capacitor:150pF:±5%:50V        |                   |
| 213       | 1605 1210 | Capacitor:180pF:±5%:50V        |                   |
| 214       | 1605 1211 | Capacitor:220pF:±10%:50V       |                   |
| 215       | 1605 1212 | Capacitor:470pF:±10%:50V       |                   |
| 216       | 1605 1214 | Capacitor:1000pF:±10%:50V      |                   |
| 217       | 1605 1216 | Capacitor:2200pF:±10%:50V      |                   |
| 218       | 1605 1221 | Capacitor:100000pF:±80-20%:16V |                   |
| 219       | 1605 1234 | Capacitor:4700pF:±10%:50V      |                   |
| 220       | 1605 1240 | Capacitor:0.01UF:±10%:25V      |                   |
| 221       | 1605 1249 | Capacitor:0.047uf:±10%:16v     |                   |
| 222       | 1605 1275 | Capacitor:820pF:±5%:50V        |                   |
| 223       | 1605 1281 | Capacitor - 0.22μF±10% 16v     |                   |
| 224       | 1605 1282 | Capacitor:22UF:±80-20%:10V     |                   |
| 225       | 1605 1283 | Capacitor:680pF:±10%:50V       |                   |
| 226       | 1605 1284 | Capacitor:1500pF:±10%:50V      |                   |
| 227       | 1605 1289 | Capacitor:0.1UF:±10%:10V       |                   |
| 228       | 1605 1294 | Resistor - 1000pF ±5% 50v      |                   |
| 229       | 1605 1295 | Capacitor:10UF:±80-20%:10V     |                   |
| 230       | 1605 1296 | Capacitor:330pF:±10%:50V       |                   |
| 231       | 1605 1303 | Capacitor:0.01UF:±80-20%:50V   |                   |
| 232       | 1605 1306 | Capacitor - 1μF±10% 10v        |                   |
| 233       | 1605 1307 | Capacitor - 2.2μF±80-20% 11v   |                   |
| 234       | 1605 1344 | Capacitor:33pF:±5%:50V         |                   |
| 235       | 1605 1347 | Capacitor:1UF:±80-20%:16V      |                   |
| 236       | 1605 1352 | Capacitor:82pF:±5%:50V         |                   |
| 237       | 1605 1354 | Capacitor:1200pF:±5%:50V       |                   |
| 238       | 1605 1363 | Capacitor - 4.7μF±80-20% 25v   |                   |
| 239       | 1605 1367 | Capacitor - 0.033μF±10% 16v    |                   |
| 240       | 1605 1391 | Capacitor - 22uf:±20%:6.3v     |                   |

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 241       | 1605 1417 | Capacitor:47UF:±80-20%:10V    |                   |
| 242       | 1605 1419 | Capcitor:4.7uf:±10%:16v       |                   |
| 243       | 1605 1430 | Capacitor:1UF:±80-20%:50V     |                   |
| 244       | 1605 1432 | Capacitor:100UF:±20%:6.3V     |                   |
| 245       | 1605 1446 | Capacitor:120pF:±5%:50V       |                   |
| 246       | 1605 1450 | Capacitor:22UF:±10%:6.3V      |                   |
| 247       | 1605 1464 | Capacitor:10UF:±20%:25V       |                   |
| 248       | 1605 1496 | Resistor - 10μF±80-20% 35v    |                   |
| 249       | 1605 1544 | Capacitor:330pF:±5%:50V       |                   |
| 250       | 1605 1583 | Capacitor:0.1UF:±10%:16V      |                   |
| 251       | 1607 0978 | Filter:BLM21PG300SN1B         |                   |
| 252       | 1607 1051 | Filter:FBMJ2125HS420          |                   |
| 253       | 1607 1316 | Filter - Fbmj1608hs280nt      |                   |
| 254       | 1607 1322 | Inductor:LB2012B4R7M          |                   |
| 255       | 1607 1362 | Choke Coil:ACM3225-800-2P     |                   |
| 256       | 1607 1489 | Filter - Mmz1608b301c         |                   |
| 257       | 1607 1556 | Inductor:RLF7030-1R5N6R1      |                   |
| 258       | 1607 1651 | Inductor:HM73-101R0LF         |                   |
| 259       | 1607 1657 | Inductor:HM73-10R68LF         |                   |
| 260       | 1609 0005 | Resistor:33 Ω:±5%:1/16w       |                   |
| 261       | 1609 0006 | Resistor:10k Ω:±5%:1/16w      |                   |
| 262       | 1609 0007 | Resistor - 68Ω ±5% 1/16w      |                   |
| 263       | 1609 0011 | Resistor:22Ω:±5%:1/16w        |                   |
| 264       | 1609 0016 | Resistor:56 Ω:±5%:1/16w       |                   |
| 265       | 1609 0026 | Resistor - 47Ω ±5% 1/16w      |                   |
| 266       | 1609 0027 | Resistor - 100kΩ±5% 1/16w     |                   |
| 267       | 1609 0045 | Resistor - 27 Ω ±5% 1/16w     |                   |
| 268       | 1610 1733 | Resistor - 0.01 Ω ±1% 1w      |                   |
| 269       | 1610 1804 | Resistor:0.006 Ω:±1%:1w       |                   |
| 270       | 1610 1805 | Resistor:0.003 Ω:±2%:1W       |                   |
| 271       | 1632 0000 | Resistor:0 Ω:3216             |                   |
| 272       | 1633 0000 | Resistor:0 Ω:2125             |                   |
| 273       | 1634 0000 | Resistor:0 Ω:1608             |                   |
| 274       | 1650 5100 | Chip Resistor:10 Ω:±5%:1/16W  |                   |
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| 277       | 1650 5103 | Resistor:10K $\Omega$ : $\pm$ 5%:1/16W:1005       |                   |
| 278       | 1650 5104 | Resistor:100K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
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| 280       | 1650 5109 | Resistor:1 $\Omega$ : $\pm$ 5%:1/16W:1005         |                   |
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| 285       | 1650 5204 | Chip Resistor:200K $\Omega$ : $\pm$ 5%:1/16W:1005 |                   |
| 286       | 1650 5220 | Resistor:22 $\Omega$ : $\pm$ 5%:1/16W:1005        |                   |
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| 288       | 1650 5222 | Resistor:2.2K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
| 289       | 1650 5241 | Resistor:240 $\Omega$ : $\pm$ 5%:1/16W:1005       |                   |
| 290       | 1650 5271 | Resistor:270 $\Omega$ : $\pm$ 5%:1/16W:1005       |                   |
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| 292       | 1650 5274 | Resistor:270K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
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| 295       | 1650 5331 | Chip Resistor:330 $\Omega$ : $\pm$ 5%:1/16W:1005  |                   |
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| 297       | 1650 5390 | Chip Resistor:39 $\Omega$ : $\pm$ 5%:1/16W:1005   |                   |
| 298       | 1650 5470 | Resistor:47 $\Omega$ : $\pm$ 5%:1/16W:1005        |                   |
| 299       | 1650 5471 | Chip Resistor:470 $\Omega$ : $\pm$ 5%:1/16W:1005  |                   |
| 300       | 1650 5472 | Resistor:4.7K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
| 301       | 1650 5511 | Chip Resistor:510 $\Omega$ : $\pm$ 5%:1/16W:1005  |                   |
| 302       | 1650 5512 | Resistor:5.1K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
| 303       | 1650 5519 | Chip Resistor:5.1 $\Omega$ : $\pm$ 5%:1/16W:1005  |                   |
| 304       | 1650 5560 | Resistor:56 $\Omega$ : $\pm$ 5%:1/16W:1005        |                   |
| 305       | 1650 5562 | Resistor:5.6K $\Omega$ : $\pm$ 5%:1/16W:1005      |                   |
| 306       | 1650 5563 | Chip Resistor:56K $\Omega$ : $\pm$ 5%:1/16W:1005  |                   |
| 307       | 1650 5569 | Resistor:5.6 $\Omega$ : $\pm$ 5%:1/16W:1005       |                   |
| 308       | 1650 5680 | Resistor:68 $\Omega$ : $\pm$ 5%:1/16W:1005        |                   |
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| 310       | 1650 5683 | Resistor:68K $\Omega$ : $\pm$ 5%:1/16W:1005       |                   |

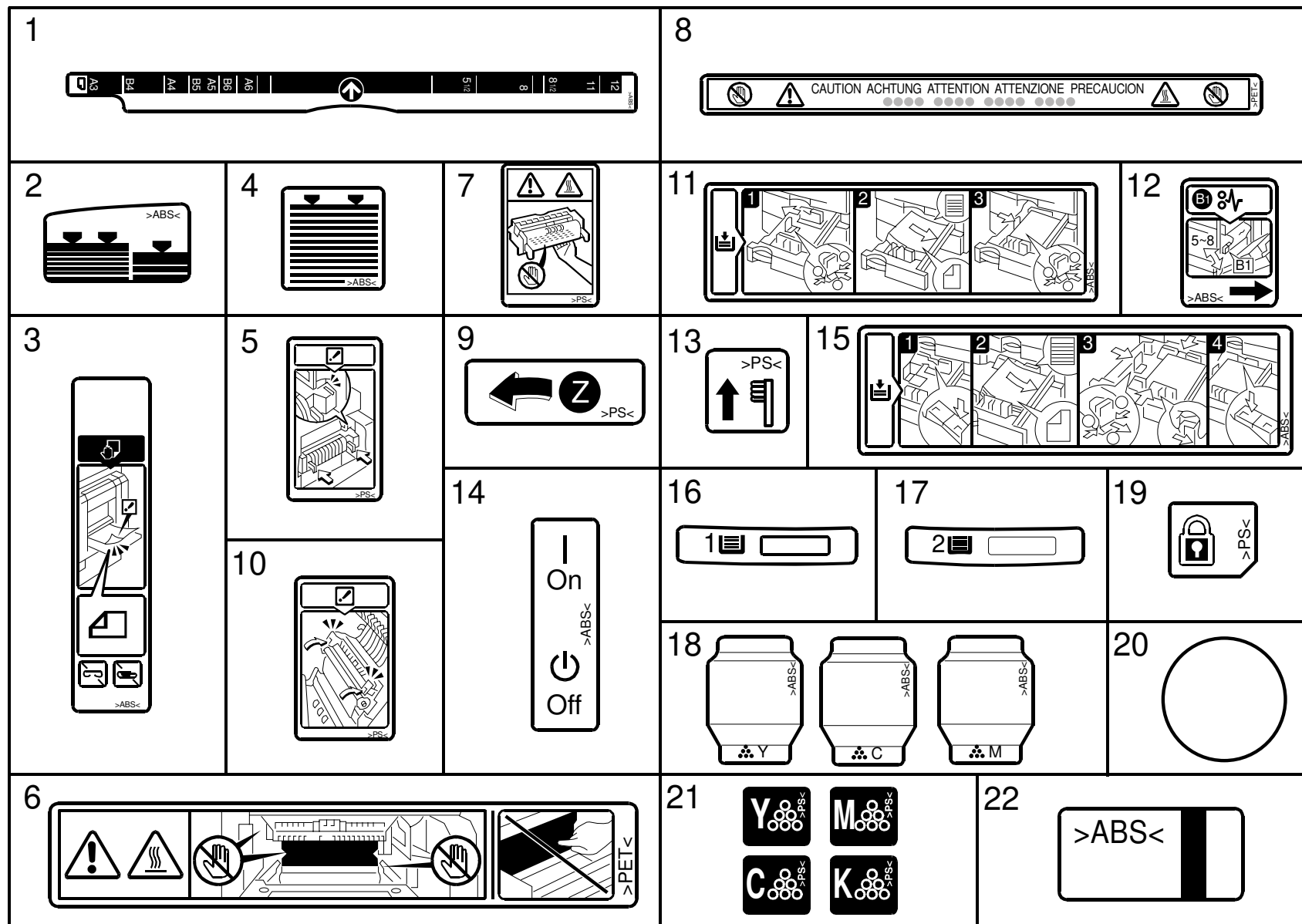
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| 317       | 1654 1501 | Resistor:1.5K $\Omega$ : $\pm$ 1%:1/10W:1608      |                   |
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| 319       | 1654 3300 | Resistor:330 $\Omega$ : $\pm$ 1%:1/10W:1608       |                   |
| 320       | 1654 3609 | Resistor:36 $\Omega$ : $\pm$ 1%:1/10W:1608        |                   |
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| 357       | 1655 3900 | Resistor:390 $\Omega$ : $\pm$ 1%:1/16W:1005        |                   |
| 358       | 1655 4301 | Resistor:4.3K $\Omega$ : $\pm$ 1%:1/16W:1005       |                   |
| 359       | 1655 4321 | Resistor:4.32K $\Omega$ : $\pm$ 1%:1/16W:1005      |                   |
| 360       | 1655 4700 | Chip Resistor:470 $\Omega$ : $\pm$ 1%:1/16W:1005   |                   |
| 361       | 1655 4709 | Resistor:47 $\Omega$ : $\pm$ 1%:1/16W:1005         |                   |
| 362       | 1655 4750 | Chip Resistor:475 $\Omega$ : $\pm$ 1%:1/16W:1005   |                   |
| 363       | 1655 4999 | Chip Resistor:49.9 $\Omega$ : $\pm$ 1%:1/16W:1005  |                   |
| 364       | 1655 5109 | Chip Resistor:51 $\Omega$ : $\pm$ 1%:1/16W         |                   |
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| 372       | 1655 6199 | Chip Resistor:61.9 $\Omega$ : $\pm$ 1%:1/16W:1005  |                   |
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## 42.Decal And Documents (G133)



## 42.Decal And Documents (G133)

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| 1650 5202 | Resistor:2K $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -284           |
| 1650 5204 | Chip Resistor:200K $\Omega$ : $\pm$ 5%:1/16W:1005 | 121 -285           |
| 1650 5220 | Resistor:22 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -286           |
| 1650 5221 | Chip Resistor:220 $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -287           |
| 1650 5222 | Resistor:2.2K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -288           |
| 1650 5241 | Resistor:240 $\Omega$ : $\pm$ 5%:1/16W:1005       | 121 -289           |
| 1650 5271 | Resistor:270 $\Omega$ : $\pm$ 5%:1/16W:1005       | 121 -290           |
| 1650 5272 | Resistor:2.7K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -291           |
| 1650 5274 | Resistor:270K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -292           |
| 1650 5309 | Resistor:3 $\Omega$ : $\pm$ 5%:1/16W:1005         | 121 -293           |
| 1650 5330 | Resistor:33 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -294           |
| 1650 5331 | Chip Resistor:330 $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -295           |
| 1650 5332 | Chip Resistor:3.3K $\Omega$ : $\pm$ 5%:1/16W:1005 | 121 -296           |
| 1650 5390 | Chip Resistor:39 $\Omega$ : $\pm$ 5%:1/16W:1005   | 121 -297           |

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| 1650 5470 | Resistor:47 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -298           |
| 1650 5471 | Chip Resistor:470 $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -299           |
| 1650 5472 | Resistor:4.7K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -300           |
| 1650 5511 | Chip Resistor:510 $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -301           |
| 1650 5512 | Resistor:5.1K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -302           |
| 1650 5519 | Chip Resistor:5.1 $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -303           |
| 1650 5560 | Resistor:56 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -304           |
| 1650 5562 | Resistor:5.6K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -305           |
| 1650 5563 | Chip Resistor:56K $\Omega$ : $\pm$ 5%:1/16W:1005  | 121 -306           |
| 1650 5569 | Resistor:5.6 $\Omega$ : $\pm$ 5%:1/16W:1005       | 121 -307           |
| 1650 5680 | Resistor:68 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -308           |
| 1650 5681 | Resistor:680 $\Omega$ : $\pm$ 5%:1/16W:1005       | 121 -309           |
| 1650 5683 | Resistor:68K $\Omega$ : $\pm$ 5%:1/16W:1005       | 121 -310           |
| 1650 5820 | Resistor:82 $\Omega$ : $\pm$ 5%:1/16W:1005        | 121 -311           |
| 1650 5822 | Resistor:8.2K $\Omega$ : $\pm$ 5%:1/16W:1005      | 121 -312           |
| 1653 4999 | Resistor:49.9 $\Omega$ : $\pm$ 1%:1/8W:2125       | 121 -313           |
| 1653 5499 | Resistor:54.9 $\Omega$ : $\pm$ 1%:1/8W:2125       | 121 -314           |
| 1654 1000 | Resistor:100 $\Omega$ : $\pm$ 1%:1/10W:1608       | 101 -191           |
| 1654 1001 | Resistor:1K $\Omega$ : $\pm$ 1%:1/10W:1608        | 121 -315           |
| 1654 1001 | Resistor:1K $\Omega$ : $\pm$ 1%:1/10W:1608        | 101 -192           |
| 1654 1002 | Chip Resistor:10K $\Omega$ : $\pm$ 1%:1/10W:1608  | 93 - 227           |
| 1654 1003 | Chip Resistor:100K $\Omega$ : $\pm$ 1%:1/10W:1608 | 93 - 228           |
| 1654 1004 | Resistor:1M $\Omega$ : $\pm$ 1%:1/10W:1608        | 93 - 229           |
| 1654 1004 | Resistor:1M $\Omega$ : $\pm$ 1%:1/10W:1608        | 121 -316           |
| 1654 1101 | Chip Resistor:1.1K $\Omega$ : $\pm$ 1%:1/10W:1608 | 93 - 230           |
| 1654 1201 | Resistor:1.2K $\Omega$ : $\pm$ 1%:1/10W:1608      | 93 - 231           |
| 1654 1500 | Resistor:150 $\Omega$ : $\pm$ 1%:1/10W:1608       | 93 - 232           |
| 1654 1501 | Resistor:1.5K $\Omega$ : $\pm$ 1%:1/10W:1608      | 93 - 233           |
| 1654 1501 | Resistor:1.5K $\Omega$ : $\pm$ 1%:1/10W:1608      | 121 -317           |
| 1654 1502 | Resistor:15K $\Omega$ : $\pm$ 1%:1/10W:1608       | 121 -318           |
| 1654 1601 | Chip Resistor:1.6K $\Omega$ : $\pm$ 1%:1/10W:1608 | 93 - 234           |
| 1654 1801 | Chip Resistor:1.8K $\Omega$ : $\pm$ 1%:1/10W:1608 | 101 -193           |
| 1654 1802 | Resistor:18K $\Omega$ : $\pm$ 1%:1/10W:1608       | 101 -194           |
| 1654 2001 | Chip Resistor:2K $\Omega$ : $\pm$ 1%:1/10W        | 93 - 235           |
| 1654 2002 | Chip Resistor:20K $\Omega$ : $\pm$ 1%:1/10W:1608  | 93 - 236           |

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| 1654 2202 | Chip Resistor:22K $\Omega \pm 1\%$ :1/10W:1608   | 101 -195           |
| 1654 2401 | Resistor:2.4K $\Omega \pm 1\%$ :1/10W:1608       | 93 - 237           |
| 1654 2741 | Resistor:2.74K $\Omega \pm 1\%$ :1/10W:1608      | 93 - 238           |
| 1654 3300 | Resistor:330 $\Omega \pm 1\%$ :1/10W:1608        | 121 -319           |
| 1654 3609 | Resistor:36 $\Omega \pm 1\%$ :1/10W:1608         | 121 -320           |
| 1654 3741 | Chip Resistor:3.74K $\Omega \pm 1\%$ :1/10W:1608 | 93 - 239           |
| 1654 3900 | Chip Resistor:390 $\Omega \pm 1\%$ :1/10W:1608   | 101 -196           |
| 1654 4300 | Resistor:430 $\Omega \pm 1\%$ :1/10W:1608        | 93 - 240           |
| 1654 4700 | Resistor:470 $\Omega \pm 1\%$ :1/10W:1608        | 101 -197           |
| 1654 4701 | Resistor:4.7K $\Omega \pm 1\%$ :1/10W:1608       | 101 -198           |
| 1654 6200 | Chip Resistor:620 $\Omega \pm 1\%$ :1/10W:1608   | 93 - 241           |
| 1654 6201 | Chip Resistor:6.2K $\Omega \pm 1\%$ :1/10W:1608  | 93 - 242           |
| 1654 6801 | Resistor:6.8K $\Omega \pm 1\%$ :1/10W:1608       | 93 - 243           |
| 1654 7501 | Chip Resistor:7.5K $\Omega \pm 1\%$ :1/10W:1608  | 93 - 244           |
| 1654 7871 | Chip Resistor:7.87K $\Omega \pm 1\%$ :1/10W:1608 | 93 - 245           |
| 1654 8200 | Chip Resistor:820 $\Omega \pm 1\%$ :1/10W:1608   | 101 -199           |
| 1654 8201 | Resistor:8.2K $\Omega \pm 1\%$ :1/10W:1608       | 121 -321           |
| 1654 8201 | Resistor:8.2K $\Omega \pm 1\%$ :1/10W:1608       | 93 - 246           |
| 1654 9100 | Chip Resistor:910 $\Omega \pm 1\%$ :1/10W:1608   | 101 -200           |
| 1654 9101 | Resistor:9.1K $\Omega \pm 1\%$ :1/10W:1608       | 93 - 247           |
| 1655 0000 | Resistor:0 $\Omega$ :1005                        | 121 -322           |
| 1655 1001 | Resistor:1K $\Omega \pm 1\%$ :1/16W:1005         | 121 -323           |
| 1655 1002 | Chip Resistor:10K $\Omega \pm 1\%$ :1/16W:1005   | 121 -324           |
| 1655 1003 | Chip Resistor:100K $\Omega \pm 1\%$ :1/16W:1005  | 121 -325           |
| 1655 1009 | Chip Resistor:10 $\Omega \pm 1\%$ :1/16W:1005    | 121 -326           |
| 1655 1100 | Chip Resistor:110 $\Omega \pm 1\%$ :1/16W:1005   | 121 -327           |
| 1655 1200 | Chip Resistor:120 $\Omega \pm 1\%$ :1/16W:1005   | 121 -328           |
| 1655 1370 | Chip Resistor:137 $\Omega \pm 1\%$ :1/16W:1005   | 121 -329           |
| 1655 1409 | Chip Resistor:14 $\Omega \pm 1\%$ :1/16W:1005    | 121 -330           |
| 1655 1502 | Resistor:15K $\Omega \pm 1\%$ :1/16W:1005        | 121 -331           |
| 1655 1800 | Resistor:180 $\Omega \pm 1\%$ :1/16W:1005        | 121 -332           |
| 1655 1801 | Chip Resistor:1.8K $\Omega \pm 1\%$ :1/16W:1005  | 121 -333           |
| 1655 1829 | Resistor:18.2 $\Omega \pm 1\%$ :1/16W:1005       | 121 -334           |
| 1655 2000 | Chip Resistor:200 $\Omega \pm 1\%$ :1/16W:1005   | 121 -335           |
| 1655 2001 | Chip Resistor:2K $\Omega \pm 1\%$ :1/16W         | 121 -336           |

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| 1655 2002 | Chip Resistor:20K $\Omega \pm 1\%$ :1/16W:1005  | 121 -337           |
| 1655 2003 | Resistor:200K $\Omega \pm 1\%$ :1/16W:1005      | 121 -338           |
| 1655 2052 | Resistor:20.5K $\Omega \pm 1\%$ :1/16W:1005     | 121 -339           |
| 1655 2209 | Chip Resistor:22 $\Omega \pm 1\%$ :1/16W        | 121 -340           |
| 1655 2210 | Resistor:221 $\Omega \pm 1\%$ :1/16W:1005       | 121 -341           |
| 1655 2401 | Chip Resistor:2.4K $\Omega \pm 1\%$ :1/16W:1005 | 121 -342           |
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| 1655 2490 | Resistor:249 $\Omega \pm 1\%$ :1/16W:1005       | 121 -344           |
| 1655 2679 | Resistor:26.7 $\Omega \pm 1\%$ :1/16W:1005      | 121 -345           |
| 1655 2709 | Resistor:27 $\Omega \pm 1\%$ :1/16W:1005        | 121 -346           |
| 1655 2749 | Chip Resistor:27.4 $\Omega \pm 1\%$ :1/16W:1005 | 121 -347           |
| 1655 2803 | Chip Resistor:280K $\Omega \pm 1\%$ :1/16W:1005 | 121 -348           |
| 1655 3000 | Resistor:300 $\Omega \pm 1\%$ :1/16W:1005       | 121 -349           |
| 1655 3010 | Chip Resistor:301 $\Omega \pm 1\%$ :1/16W:1005  | 121 -350           |
| 1655 3091 | Resistor:3.09K $\Omega \pm 1\%$ :1/16W:1005     | 121 -351           |
| 1655 3303 | Chip Resistor:330K $\Omega \pm 1\%$ :1/16W:1005 | 121 -352           |
| 1655 3309 | Chip Resistor:33 $\Omega \pm 1\%$ :1/16W:1005   | 121 -353           |
| 1655 3329 | Resistor:33.2 $\Omega \pm 1\%$ :1/16W:1005      | 121 -354           |
| 1655 3480 | Resistor:348 $\Omega \pm 1\%$ :1/16W:1005       | 121 -355           |
| 1655 3659 | Resistor:36.5 $\Omega \pm 1\%$ :1/16W:1005      | 121 -356           |
| 1655 3900 | Resistor:390 $\Omega \pm 1\%$ :1/16W:1005       | 121 -357           |
| 1655 4301 | Resistor:4.3K $\Omega \pm 1\%$ :1/16W:1005      | 121 -358           |
| 1655 4321 | Resistor:4.32K $\Omega \pm 1\%$ :1/16W:1005     | 121 -359           |
| 1655 4700 | Chip Resistor:470 $\Omega \pm 1\%$ :1/16W:1005  | 121 -360           |
| 1655 4709 | Resistor:47 $\Omega \pm 1\%$ :1/16W:1005        | 121 -361           |
| 1655 4750 | Chip Resistor:475 $\Omega \pm 1\%$ :1/16W:1005  | 121 -362           |
| 1655 4999 | Chip Resistor:49.9 $\Omega \pm 1\%$ :1/16W:1005 | 121 -363           |
| 1655 5109 | Chip Resistor:51 $\Omega \pm 1\%$ :1/16W        | 121 -364           |
| 1655 5119 | Chip Resistor:51.1 $\Omega \pm 1\%$ :1/16W:1005 | 121 -365           |
| 1655 5499 | Resistor:54.9 $\Omega \pm 1\%$ :1/16W:1005      | 121 -366           |
| 1655 5609 | Chip Resistor:56 $\Omega \pm 1\%$ :1/16W:1005   | 121 -367           |
| 1655 5621 | Resistor:5.62K $\Omega \pm 1\%$ :1/16W:1005     | 121 -368           |
| 1655 5629 | Resistor:56.2 $\Omega \pm 1\%$ :1/16W:1005      | 121 -369           |
| 1655 5760 | Resistor:576 $\Omega \pm 1\%$ :1/16W:1005       | 121 -370           |
| 1655 6049 | Chip Resistor:60.4 $\Omega \pm 1\%$ :1/16W:1005 | 121 -371           |

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| 1655 6342 | Resistor:63.4K $\Omega$ : $\pm$ 1%:1/16W:1005      | 121 -373           |
| 1655 6809 | Chip Resistor:68 $\Omega$ : $\pm$ 1%:1/16W         | 121 -374           |
| 1655 7509 | Chip Resistor:75 $\Omega$ : $\pm$ 1%:1/16W         | 121 -375           |
| 1655 8062 | Chip Resistor:80.6K $\Omega$ : $\pm$ 1%:1/16W:1005 | 121 -376           |
| 1655 8063 | Resistor:806K $\Omega$ : $\pm$ 1%:1/16W:1005       | 121 -377           |
| 1655 8200 | Chip Resistor:820 $\Omega$ : $\pm$ 1%:1/16W:1005   | 121 -378           |
| 1655 8202 | Chip Resistor:82K $\Omega$ : $\pm$ 1%:1/16W:1005   | 121 -379           |
| 1655 8209 | Chip Resistor:82 $\Omega$ : $\pm$ 1%:1/16W         | 121 -380           |
| 1655 9100 | Chip Resistor:910 $\Omega$ : $\pm$ 1%:1/16W:1005   | 121 -381           |
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