

# **PARTS CATALOG**

**First Edition Sep 1995**

## **PARTS CATALOG**

## **INTRODUCTION**

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

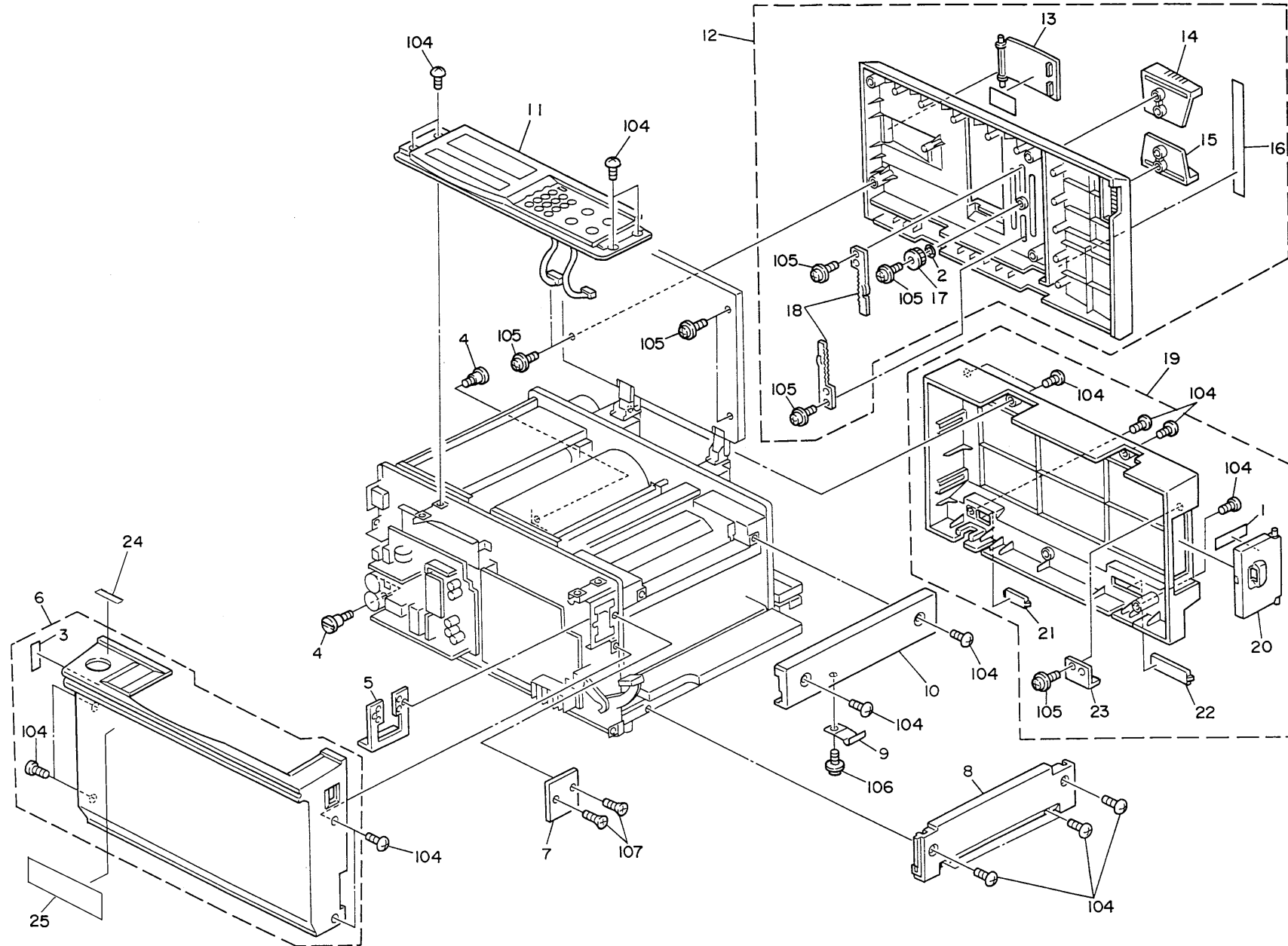
## **INDEX to PARTS CATALOG**

**Copier Printer**  
**TAPE MARKER TYPE20**

**(C225)**  
**(C532)**

COPIER PRINTER (C225)

## 1. EXTERIOR (C225)

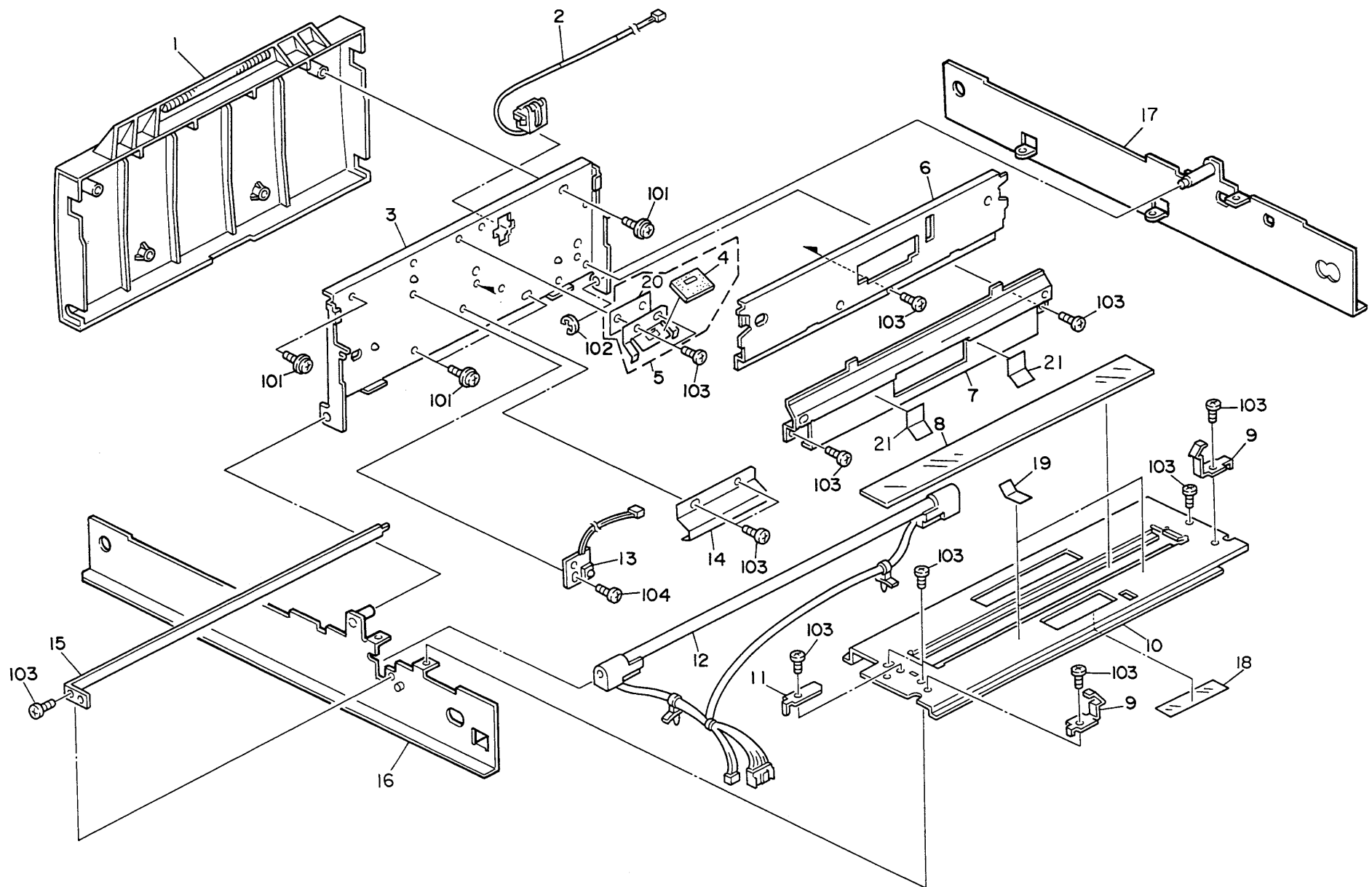


## 1. EXTERIOR (C225)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | C217 2529 | Decal - Ink Supply          | 1                 |
| 2         | C217 3007 | Original Guide Spring       | 1                 |
| 3         | C217 2514 | Decal - Main Switch         | 2                 |
| 4         | C225 6135 | Stepped Screw               | 1                 |
| 5         | A030 1339 | Plate Nut - Key Counter     | 3                 |
| 6         | C225 2457 | Front Cover (AB Dick)       | 1                 |
| 6         | C225 2405 | Front Cover (NRG)           | 1                 |
| 7         | C217 2455 | Key Counter Cover           | 3                 |
| 8         | C217 2462 | Lower Right Cover           | 1                 |
| 9         | C217 5015 | Spring Plate - Right Cover  | 1                 |
| 10        | C217 2461 | Upper Right Cover           | 1                 |
| 11        | C217 2435 | Operation Panel             | 1                 |
| 11        | C225 2400 | Operation Panel Ass'y       | 1                 |
| 12        | C225 2610 | Scanner Cover               | 1                 |
| 13        | C217 2680 | Extension Cover             | 1                 |
| 14        | C217 2640 | Front Original Guide        | 1                 |
| 15        | C217 2665 | Rear Original Guide         | 1                 |
| 16        | C217 2524 | Decal - Original Size       | 1                 |
| 17        | C217 3006 | Gear - Original Guide       | 1                 |
| 18        | C217 3005 | Original Guide Rack         | 2                 |
| 19        | C217 2450 | Rear Cover                  | 1                 |
| 20        | C217 2452 | Ink Supply Cover            | 1                 |
| 21        | C217 2453 | Rear Cover Cap- Small       | 1                 |
| 22        | C217 2454 | Rear Cover Cap- Large       | 1                 |
| 23        | C217 2414 | Rear Cover Stopper          | 1                 |
| 24        | A153 6409 | Decal - Key Top Cover (GES) | 1                 |
| 24        | C225 2866 | Decal - Panel Cover (REX)   | 1                 |
| 24        | C225 2867 | Decal - Panel Cover (NSA)   | 1                 |
| 25        | C225 2407 | Model Name Plate - GES      | 1                 |
| 25        | C225 2408 | Model Name Plate - REX      | 1                 |
| 25        | C225 2409 | Model Name Plate - NSA      | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0313 0060W | Philips Pan Head Screw - M3x6       |                   |
| 102       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 104       | 0344 0060D | Philips Truss Head Screw - M4x6     |                   |
| 105       | 0965 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 106       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 107       | 0323 0100Z | Philips Sunken Head Screw - M3x10   |                   |

## 2. SCANNER SECTION 1 (C225)

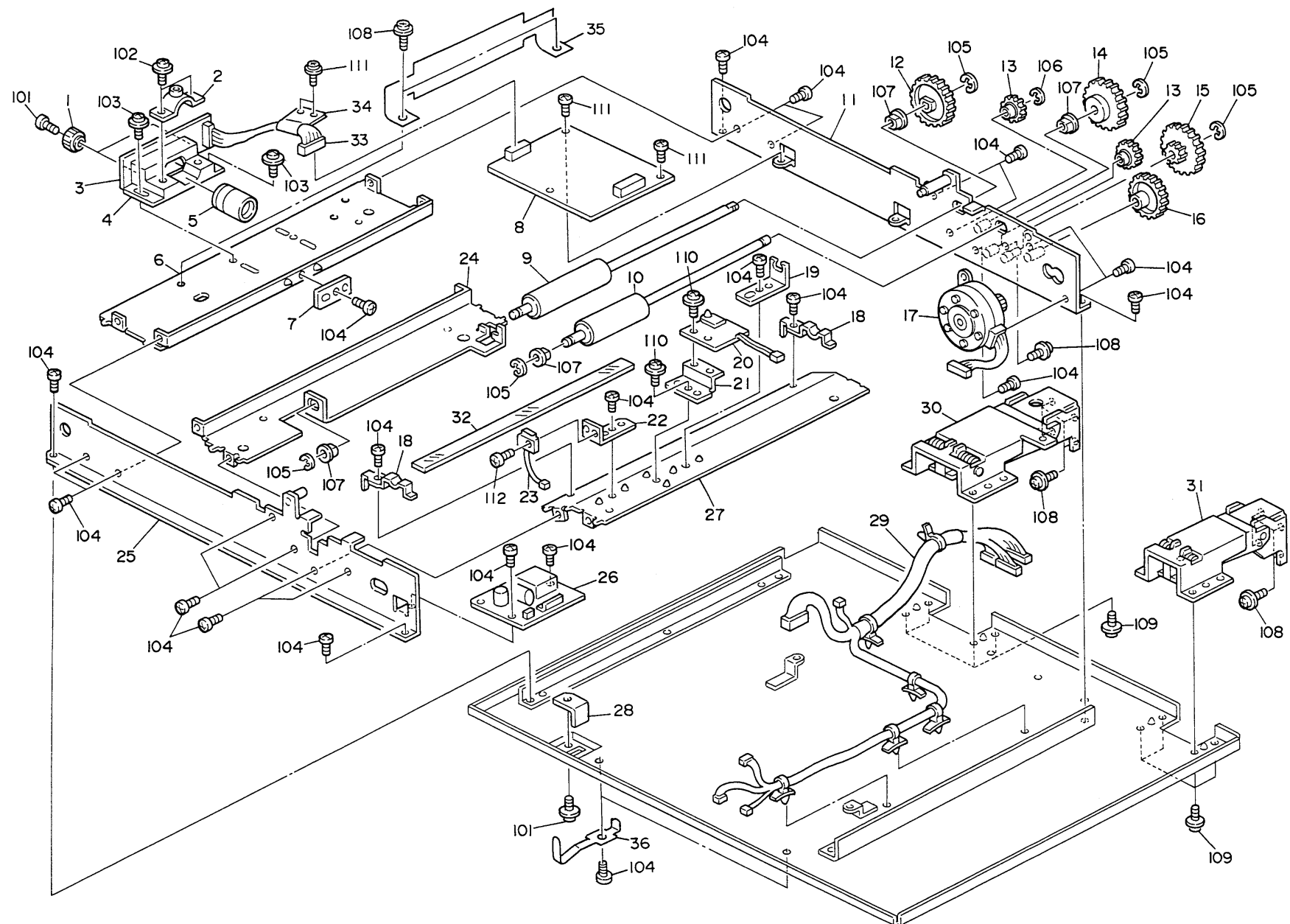


## 2. SCANNER SECTION 1 (C225)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | C217 2616 | ADF Cover                    | 1                 |
| 2         | C217 3017 | Original Set Sensor Ass'y    | 1                 |
| 3         | C217 3011 | ADF Bracket                  | 1                 |
| 4         | C217 3015 | ADF Friction Pad             | 1                 |
| 5         | C217 3028 | ADF Friction Pad Ass'y       | 1                 |
| 6         | C217 3012 | Upper Original Guide         | 1                 |
| 7         | C217 3013 | Platen Plate - White         | 1                 |
| 8         | C217 3072 | Exposure Glass               | 1                 |
| 9         | C217 3074 | ADF Stopper                  | 2                 |
| 10        | C225 3071 | Exposure Glass Bracket       | 1                 |
| 11        | C217 3073 | Exposure Glass Stopper       | 1                 |
| 12        | C217 3070 | Xenon Lamp                   | 1                 |
| 13        | C217 3018 | Registration Sensor Board    | 1                 |
| 14        | C217 3016 | Spring Plate - Original Feed | 1                 |
| 15        | C217 3052 | Reflector Bracket            | 1                 |
| 16        | C217 3030 | Front Side Stay - Scanner    | 1                 |
| 17        | C217 3033 | Rear Side Plate - Scanner    | 1                 |
| 18        | C217 3069 | Original Guide Mylar         | 1                 |
| 19        | C217 3068 | Original Guide Mylar - 33x15 | 1                 |
| 20        | C217 3026 | Spacer - 0.5x13x46           | 1                 |
| 21        | C225 3075 | ADF Mylar                    | 2                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0965 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 102       | 0720 0030E | Retaining Ring - M3                 |                   |
| 103       | 0433 0060W | Tapping Screw - M3x6                |                   |
| 104       | 0964 3006W | Tapping Screw With Flat Washer-M3x6 |                   |

### 3. SCANNER SECTION 2 (C225)

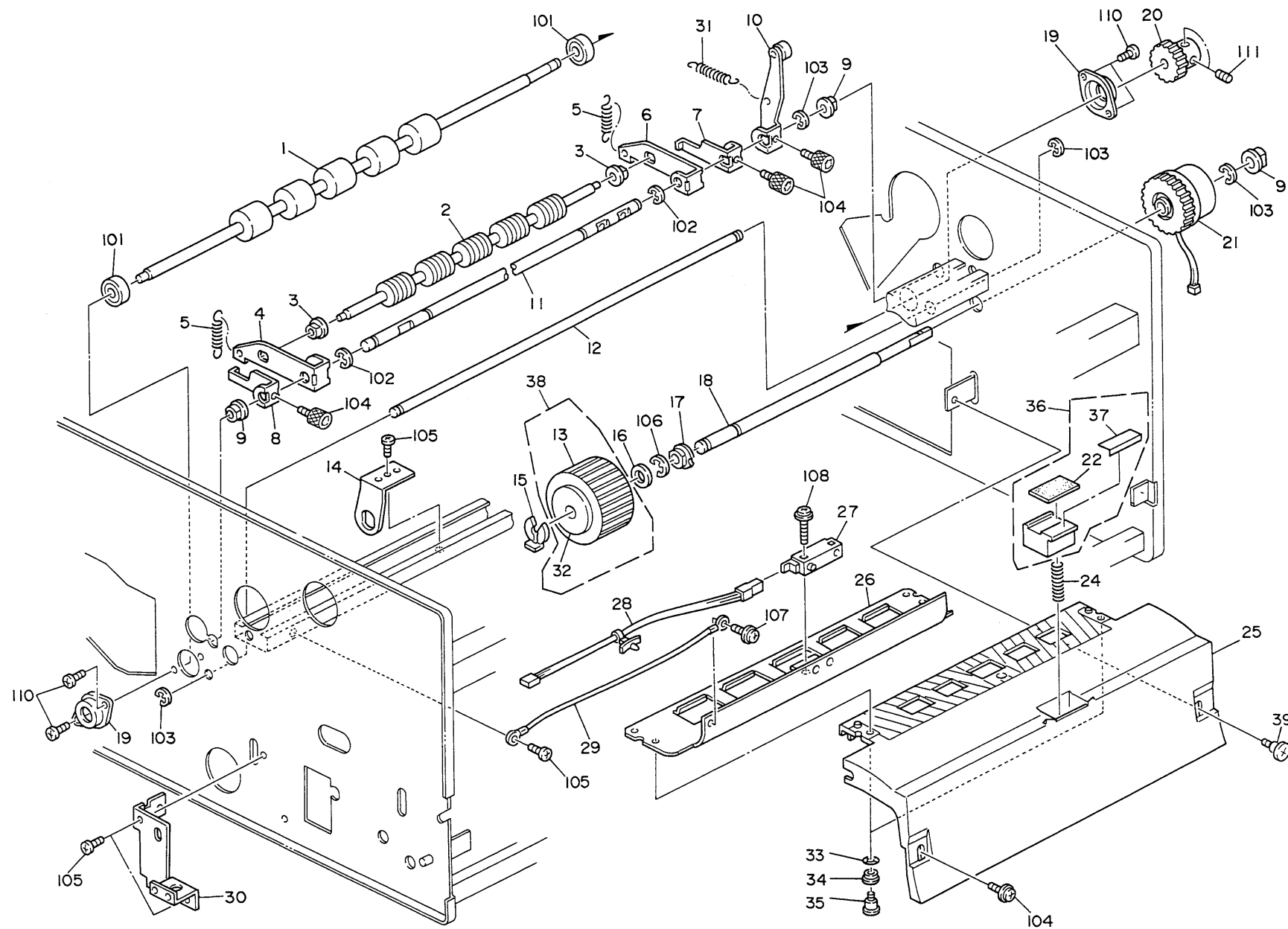


### 3. SCANNER SECTION 2 (C225)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | C217 3079 | Adjuster - Ccd Board              | 2                 |
| 2         | C217 3076 | Lens Holder                       | 1                 |
| 3         | C217 8026 | CCD Board                         | 1                 |
| 4         | C217 3075 | Lens Base                         | 1                 |
| 5         | C217 3077 | Lens                              | 1                 |
| 6         | C217 3049 | Lens Stay                         | 1                 |
| 7         | C217 3078 | Shading Plate                     | 1                 |
| 8         | C217 8020 | A/D Conversion Board              | 1                 |
| 9         | C217 3053 | Original Feed Roller              | 1                 |
| 10        | C217 3056 | Original Separation Roller        | 1                 |
| 11        | C217 3033 | Rear Side Plate - Scanner         | 1                 |
| 12        | C217 3046 | Gear - Feed Roller                | 1                 |
| 13        | C217 3044 | Gear - Scanner 3                  | 2                 |
| 14        | C217 3045 | Gear - Separation Roller          | 1                 |
| 15        | C217 3043 | Gear - Scanner 2                  | 1                 |
| 16        | C217 3042 | Gear - Scanner 1                  | 1                 |
| 17        | C217 3040 | Plotter Motor - DC24V 48W         | 1                 |
| 18        | C217 3059 | Mirror Stopper                    | 2                 |
| 19        | C217 3057 | Separation Roller Bracket         | 1                 |
| 20        | C217 3062 | LED Board - Original Registration | 1                 |
| 21        | C217 3061 | Sensor Bracket                    | 1                 |
| 22        | C217 3066 | Sensor Bracket                    | 1                 |
| 23        | C217 3067 | ADF Set Sensor Ass'y              | 1                 |
| 24        | C217 3095 | Mirror Stay                       | 1                 |
| 25        | C217 3030 | Front Side Stay - Scanner         | 1                 |
| 26        | H084 5204 | Lamp Legurator                    | 1                 |
| 27        | C217 3047 | Mirror Stay                       | 1                 |
| 28        | C217 3084 | Safety Switch Actuator            | 1                 |
| 29        | C217 8115 | Harness - Scanner Unit            | 1                 |
| 30        | C217 3088 | Small Hinge Ass'y                 | 1                 |
| 31        | C217 3085 | Large Hinge Ass'y                 | 1                 |
| 32        | C217 3058 | Mirror                            | 1                 |
| 33        | C217 8145 | Relay Harness - CCD/AD            | 1                 |
| 34        | C217 3050 | Harness Holder Sheet              | 1                 |
| 35        | C225 3097 | Lens guide                        | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 36        | C225 3098  | Spring Plate                        | 1                 |
| 101       | 0960 3006W | Philips Flange Screw - M3x6         |                   |
| 102       | 0965 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 103       | 0964 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 104       | 0433 0060W | Tapping Screw - M3x6                |                   |
| 105       | 0720 0040E | Retaining Ring - M4                 |                   |
| 106       | 0720 0030E | Retaining Ring - M3                 |                   |
| 107       | 0805 3385  | Bushing - 6mm                       |                   |
| 108       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 109       | 0313 0040W | Philips Pan Head Screw - M3x4       |                   |
| 110       | 0344 0060D | Philips Truss Head Screw - M4x6     |                   |
| 111       | 0964 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 112       | 0252 0060W | Screw - M3X6                        |                   |

## 4. PAPER FEED SECTION (C225)

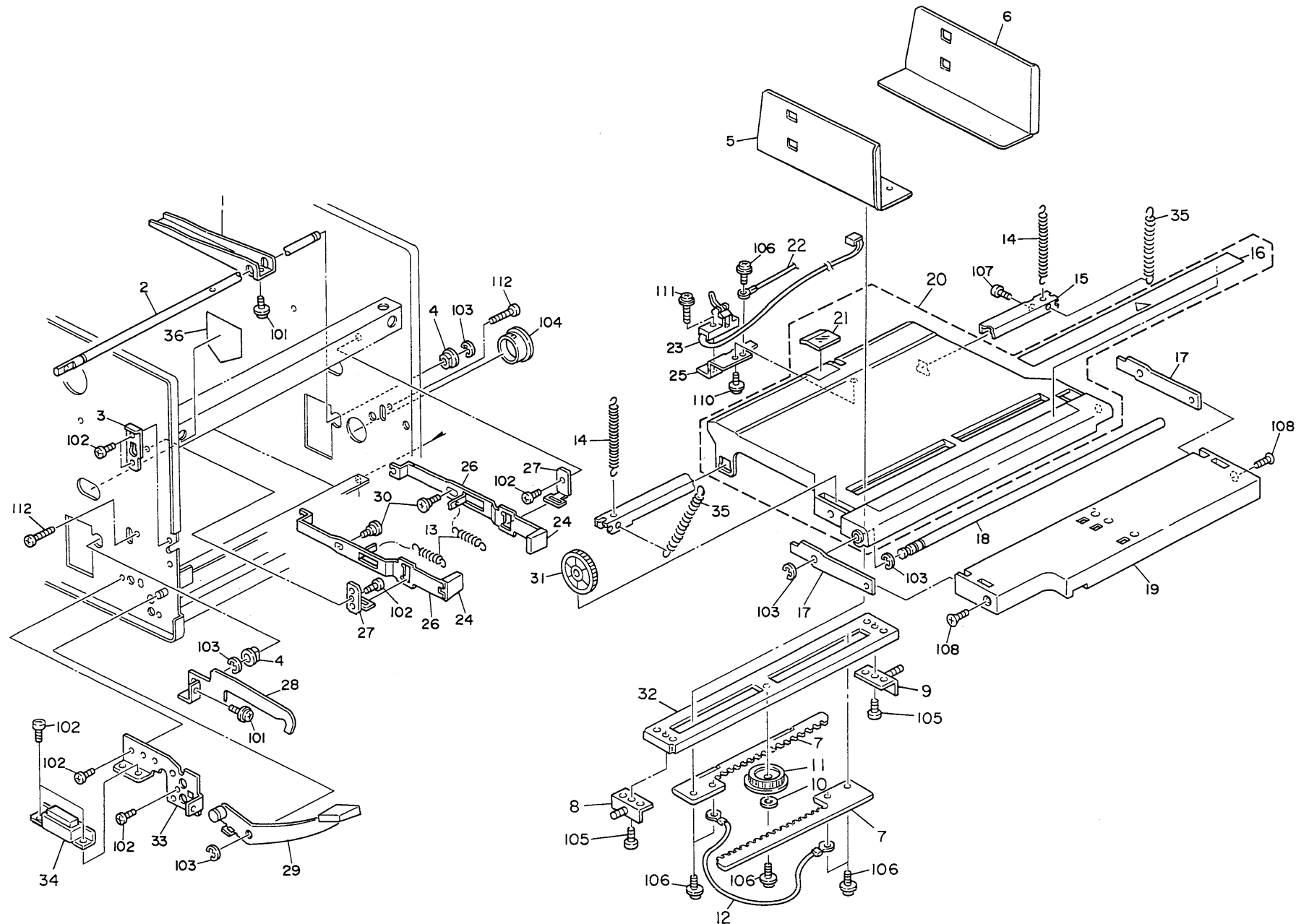


#### 4. PAPER FEED SECTION (C225)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | C217 5112 | Lower Feed Roller          | 1                 |
| 2         | C217 5113 | Upper Feed Roller          | 1                 |
| 3         | 5053 0447 | Bushing - 6mm              | 2                 |
| 4         | C217 5118 | Pressure Arm - Left        | 1                 |
| 5         | C217 5185 | Spring - Roller Pressure   | 2                 |
| 6         | C217 5119 | Pressure Arm - Right       | 1                 |
| 7         | C217 5117 | Release Shaft Arm- Right   | 1                 |
| 8         | C217 5116 | Release Shaft Arm - Left   | 1                 |
| 9         | 5053 0223 | Bushing - 8mm              | 3                 |
| 10        | C217 5126 | Cam Follower Plate         | 1                 |
| 11        | C217 5125 | Feed Roller Release Shaft  | 1                 |
| 12        | C217 5101 | Feed Stay Shaft            | 1                 |
| 13        | C217 5191 | Paper Feed Roller          | 1                 |
| 14        | C217 5146 | Feed Roller Bracket        | 1                 |
| 15        | C209 3133 | Retaining Ring - M6        | 1                 |
| 16        | 5600 1086 | Spacer - 10.2 X 20         | 1                 |
| 17        | 5053 0419 | Bushing - 10mm             | 1                 |
| 18        | C217 5071 | Feed Roller Shaft          | 1                 |
| 19        | C200 2266 | Bearing Holder             | 2                 |
| 20        | C217 5115 | Feed Roller Gear           | 1                 |
| 21        | C217 5079 | Paper Feed Magnetic Clutch | 1                 |
| 22        | C217 5084 | Friction Pad               | 1                 |
| 24        | C217 5095 | Separation Spring          | 1                 |
| 25        | C217 5100 | Lower Paper Feed Guide     | 1                 |
| 26        | C217 5104 | Upper Paper Guide Plate    | 1                 |
| 27        | A422 5270 | Photosensor                | 1                 |
| 28        | C217 8411 | Feed Sensor Relay Harness  | 1                 |
| 29        | C217 8414 | Grounding Wire             | 1                 |
| 30        | C217 2485 | Main Board Bracket - Lower | 1                 |
| 31        | C217 5130 | Spring - Cam Follower      | 1                 |
| 32        | C217 5188 | Paper Feed Roller Flange   | 1                 |
| 33        | C217 5102 | Spring Washer              | 2                 |
| 34        | AA13 2094 | Spacer - Mounticg Arm      | 2                 |
| 35        | A471 1085 | Stepped Screw              | 2                 |
| 36        | C217 5090 | Friction Pad Ass'y         | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 37        | C217 5081  | Friction Guide Plate                | 1                 |
| 38        | C217 5190  | Paper Feed Roller Ass'y             | 1                 |
| 39        | AA14 3331  | Stepped Screw - M4x7.5              | 1                 |
| 101       | 0740 3008  | Ball Bearing - 8x22x7               |                   |
| 102       | 0720 0040Z | Retaining Ring - M4                 |                   |
| 103       | 0720 0060Z | Retaining Ring - M6                 |                   |
| 104       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 105       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 106       | 0720 0080Z | Retaining Ring - M8                 |                   |
| 107       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 108       | 0951 3012W | Philips Screw With Flat Washer-M3x1 |                   |
| 109       | 0951 4008W | Philips Screw With Flat Washer-M4x8 |                   |
| 110       | 0313 0060W | Philips Pan Head Screw - M3x6       |                   |
| 111       | 0574 0060E | Hexagon Headless Set Screw - M4x6   |                   |

## 5. PAPER FEED TRAY SECTION (C225)

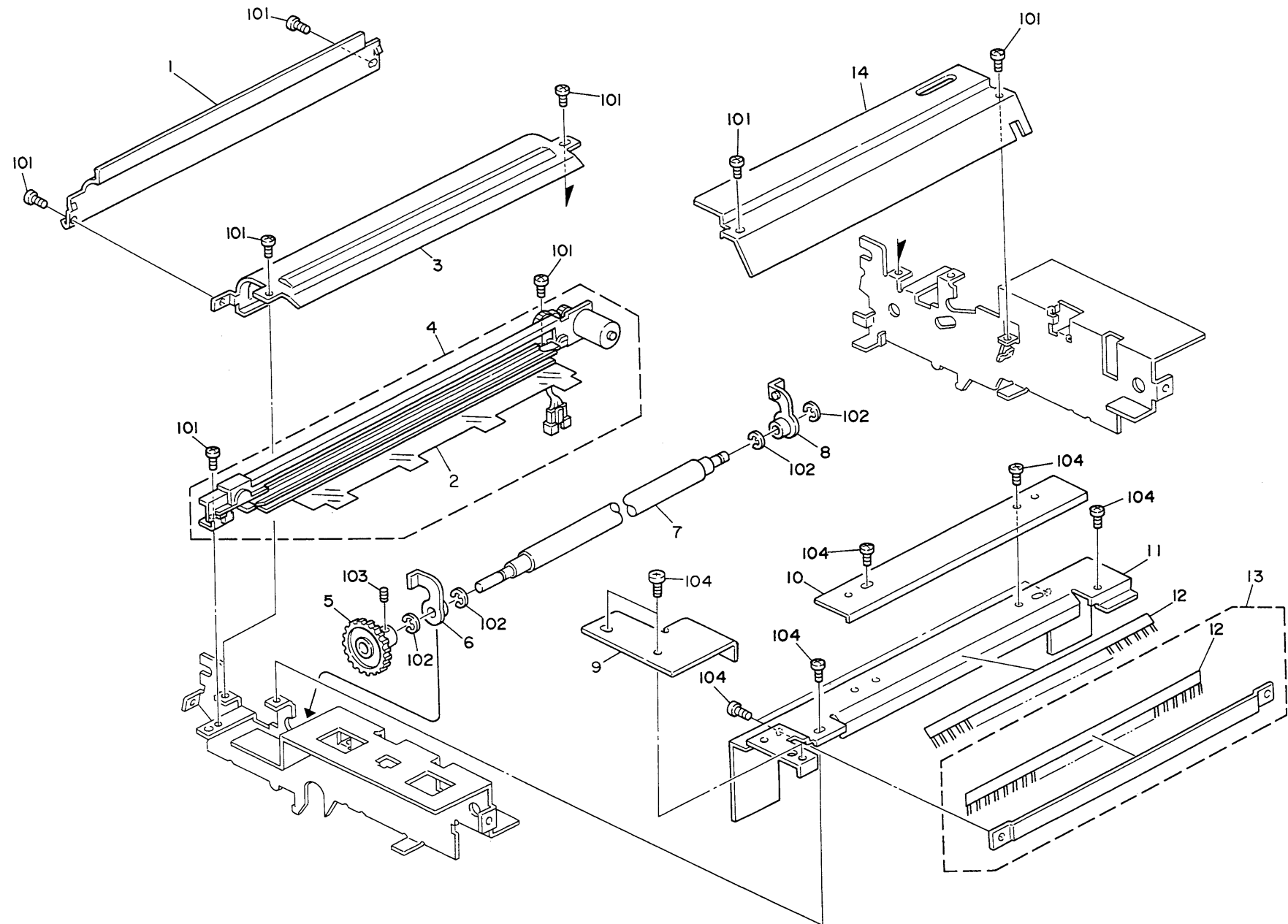


## 5. PAPER FEED TRAY SECTION (C225)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | C217 5040 | Paper Table Support Arm      | 1                 |
| 2         | C217 5042 | Arm Shaft                    | 1                 |
| 3         | C217 5007 | Fixing Plate - Table Shaft   | 1                 |
| 4         | 5053 0223 | Bushing - 8mm                | 2                 |
| 5         | C225 5002 | Front Side Fence             | 1                 |
| 6         | C225 5001 | Rear Side Fence              | 1                 |
| 7         | C217 3005 | Original Guide Rack          | 2                 |
| 8         | C225 5016 | Front Base Bracket           | 1                 |
| 9         | C225 5015 | Rear Base Bracket            | 1                 |
| 10        | C225 5013 | Gear Spacer                  | 1                 |
| 11        | C217 3006 | Gear - Original Guide        | 1                 |
| 12        | C217 8415 | Grounding Wire - Frame       | 2                 |
| 13        | C217 5068 | Spring - Feed Pressure Lever | 2                 |
| 14        | C217 5060 | Feed Pressure Spring         | 2                 |
| 15        | C217 5023 | Paper Table Stay             | 1                 |
| 16        | C225 2525 | Decal - Paper Size           | 1                 |
| 17        | C217 5005 | Table Arm                    | 2                 |
| 18        | C217 5020 | Table Connection Shaft       | 1                 |
| 19        | C217 5210 | Paper Table Extension        | 1                 |
| 20        | C225 5212 | Rear Paper Feed Table        | 1                 |
| 21        | C217 5011 | Friction Pad - Paper Table   | 1                 |
| 22        | C217 8413 | Grounding Wire               | 1                 |
| 23        | C217 8410 | Paper End Sensor Ass'y       | 1                 |
| 24        | C217 5067 | Lever Cap                    | 2                 |
| 25        | C217 5018 | Sensor Bracket               | 1                 |
| 26        | C217 5066 | Lever - Paper Feed Pressure  | 2                 |
| 27        | C217 5065 | Holder - Feed Pressure Lever | 2                 |
| 28        | C217 5041 | Tray Lower Arm               | 1                 |
| 29        | C217 5059 | Tray Lower Lever             | 1                 |
| 30        | C201 5125 | Shoulder Screw - M4          | 2                 |
| 31        | C217 5038 | Fence Position Knob          | 1                 |
| 32        | C225 5010 | Paper Table Base             | 1                 |
| 33        | C225 2424 | Cover Bracket - Lower Right  | 1                 |
| 34        | C225 8411 | Paper Table Sensor Ass'y     | 1                 |
| 35        | C217 5063 | Feed Pressure Spring - 135mm | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 36        | C217 5017  | Cushion - 20 X 35                   | 1                 |
| 101       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 102       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 103       | 0720 0060Z | Retaining Ring - M6                 |                   |
| 104       | 1106 0349  | Bushing - 25                        |                   |
| 105       | 0801 1004  | Screw - M4x4                        |                   |
| 106       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 107       | 0313 0060W | Philips Pan Head Screw - M3x6       |                   |
| 108       | 0324 0060W | PhilipsSunken Head Screw - M4x6     |                   |
| 109       | 0720 0040Z | Retaining Ring - M4                 |                   |
| 110       | 0965 3010W | Tapping Screw With Flat Washer-M3x1 |                   |
| 111       | 0951 3012W | Philips Screw With Flat Washer-M3x1 |                   |
| 112       | 0951 4012W | Philips Screw With Washer - M4x12   |                   |

## 6. MASTER UNIT 1 (C225)

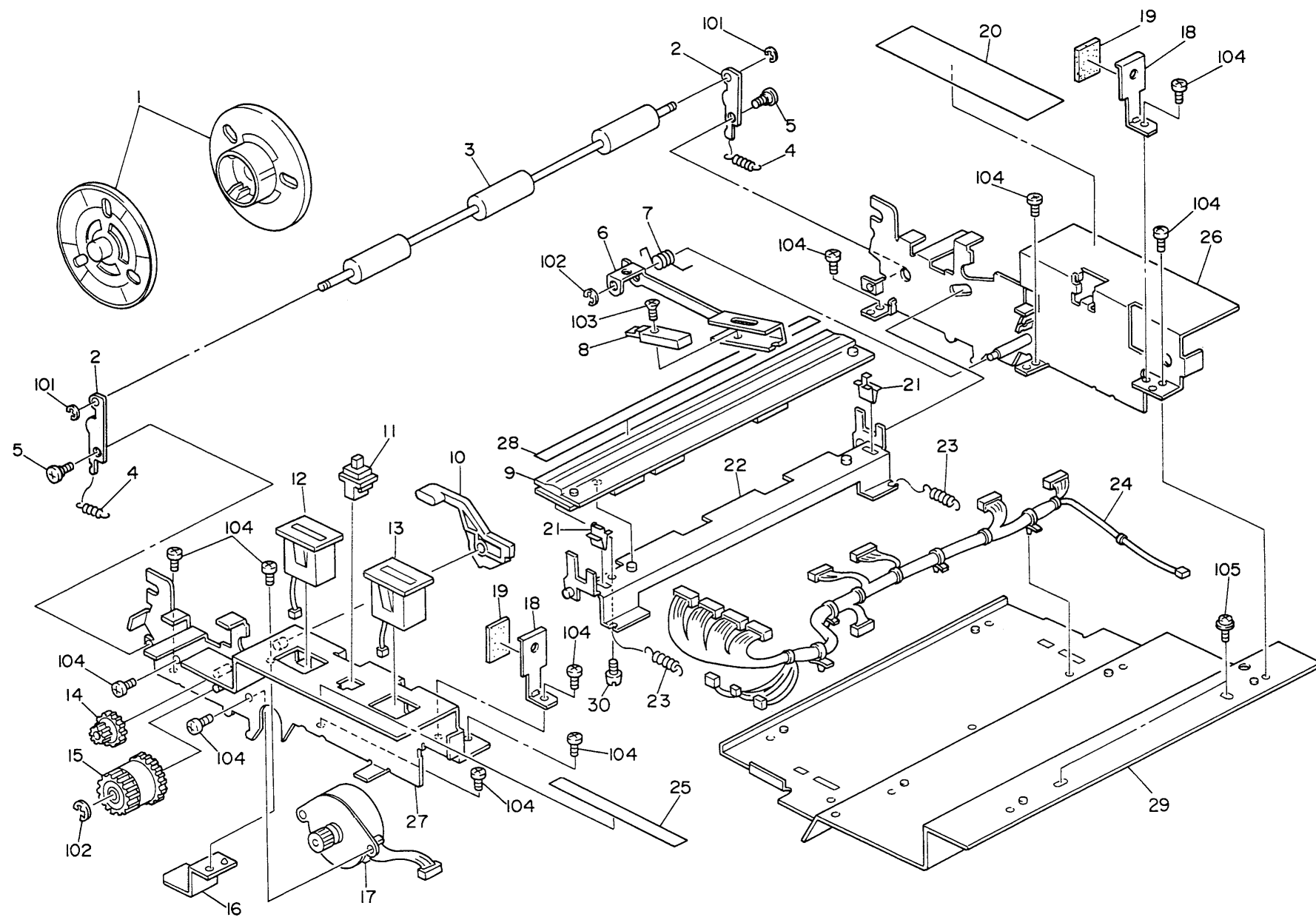


## 6. MASTER UNIT 1 (C225)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | C217 4042 | Upper Master Guide          | 1                 |
| 2         | C217 4031 | Master Guide                | 1                 |
| 3         | C217 4041 | Lower Master Guide          | 1                 |
| 4         | C217 4029 | Cutter Unit                 | 1                 |
| 5         | C200 4143 | Gear - 40T                  | 1                 |
| 6         | C225 4073 | Right Bushing               | 1                 |
| 7         | C217 4250 | Platen - A4                 | 1                 |
| 8         | C225 4074 | Left Bushing                | 1                 |
| 9         | C225 4068 | Gear Cover                  | 1                 |
| 10        | C217 4069 | Platen Roller Support Plate | 1                 |
| 11        | C217 4167 | Platen Roller Cover         | 1                 |
| 12        | C217 4111 | Antistatic Brush            | 2                 |
| 13        | C217 4064 | Antistatic Brush Ass'y      | 1                 |
| 14        | C217 4032 | Master Guide Plate          | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0313 0060W | Philips Pan Head Screw - M3x6     |                   |
| 102       | 0720 0060Z | Retaining Ring - M6               |                   |
| 103       | 0574 0040E | Hexagon Headless Set Screw - M4x4 |                   |
| 104       | 0433 0060W | Tapping Screw - M3x6              |                   |

## 7. MASTER UNIT 2 (C225)

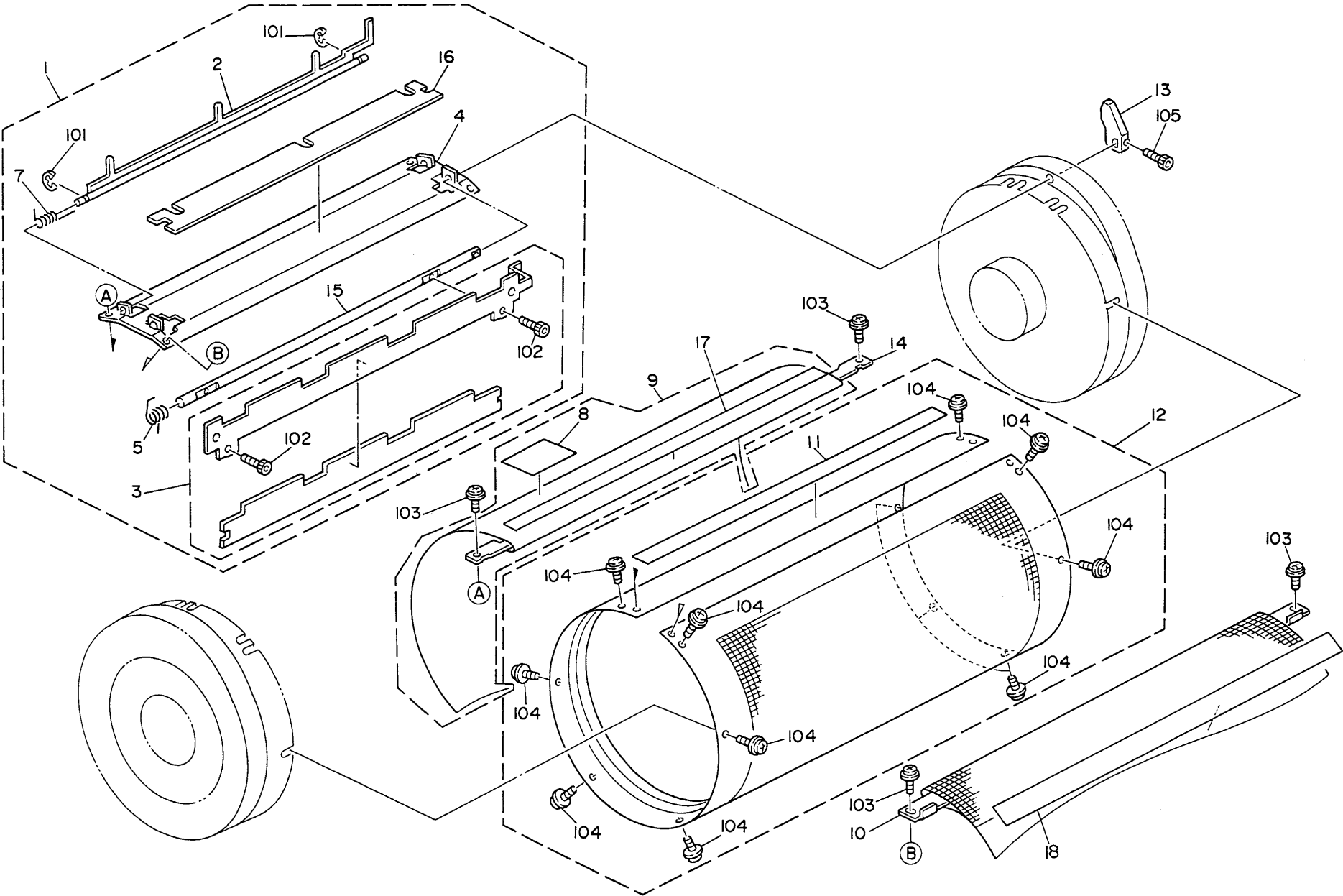


## 7. MASTER UNIT 2 (C225)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | C217 4005 | Roll Flange                | 1                 |
| 2         | C217 4323 | Brake Lever                | 2                 |
| 3         | C217 4321 | Brake Roller               | 1                 |
| 4         | C200 3106 | Lock Spring                | 2                 |
| 5         | C225 4023 | Stepped Screw              | 2                 |
| 6         | C217 4378 | Bracket - Master Sensor    | 1                 |
| 7         | C217 4336 | Spring - Master Sensor     | 1                 |
| 8         | 5203 5230 | Master Sensor              | 1                 |
| 9         | C225 8090 | Thermal Head - A4          | 1                 |
| 10        | C217 4061 | Release Lever              | 1                 |
| 11        | C217 8431 | Push Switch                | 1                 |
| 12        | C217 8461 | Master Counter             | 1                 |
| 13        | C217 8462 | Copy Counter               | 1                 |
| 14        | C217 4081 | Idler Gear                 | 1                 |
| 15        | C217 4082 | Idler Gear                 | 1                 |
| 16        | C217 4006 | Cover Stay                 | 1                 |
| 17        | C217 3040 | Plotter Motor - DC24V 48W  | 1                 |
| 18        | C225 4014 | Brake Shoe                 | 2                 |
| 19        | C217 4017 | Brake Pad                  | 2                 |
| 20        | C217 2542 | Decal - Master Setting     | 1                 |
| 21        | C225 4022 | Stud - Thermal Head Base   | 2                 |
| 22        | C225 4020 | Thermal Head Base          | 1                 |
| 23        | C225 4028 | Pressure Spring            | 2                 |
| 24        | C225 8110 | Plotter Harness            | 1                 |
| 25        | C217 2519 | Decal - Counter            | 1                 |
| 26        | C217 4102 | Rear Side Plate - Plotter  | 1                 |
| 27        | C217 4101 | Front Side Plate - Plotter | 1                 |
| 28        | C217 4035 | Master Guide Mylar         | 1                 |
| 29        | C217 4007 | Scanner Unit Base          | 1                 |
| 30        | C225 4024 | Stud                       | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0720 0020Z | Retaining Ring - M2               |                   |
| 102       | 0720 0040Z | Retaining Ring - M4               |                   |
| 103       | 0323 0100W | Philips Sunken Head Screw - M3x10 |                   |
| 104       | 0313 0060W | Philips Pan Head Screw - M3x6     |                   |
| 105       | 0960 4008W | Philips Flange Screw - M4x8       |                   |

8. DRUM SECTION 1 (C225)

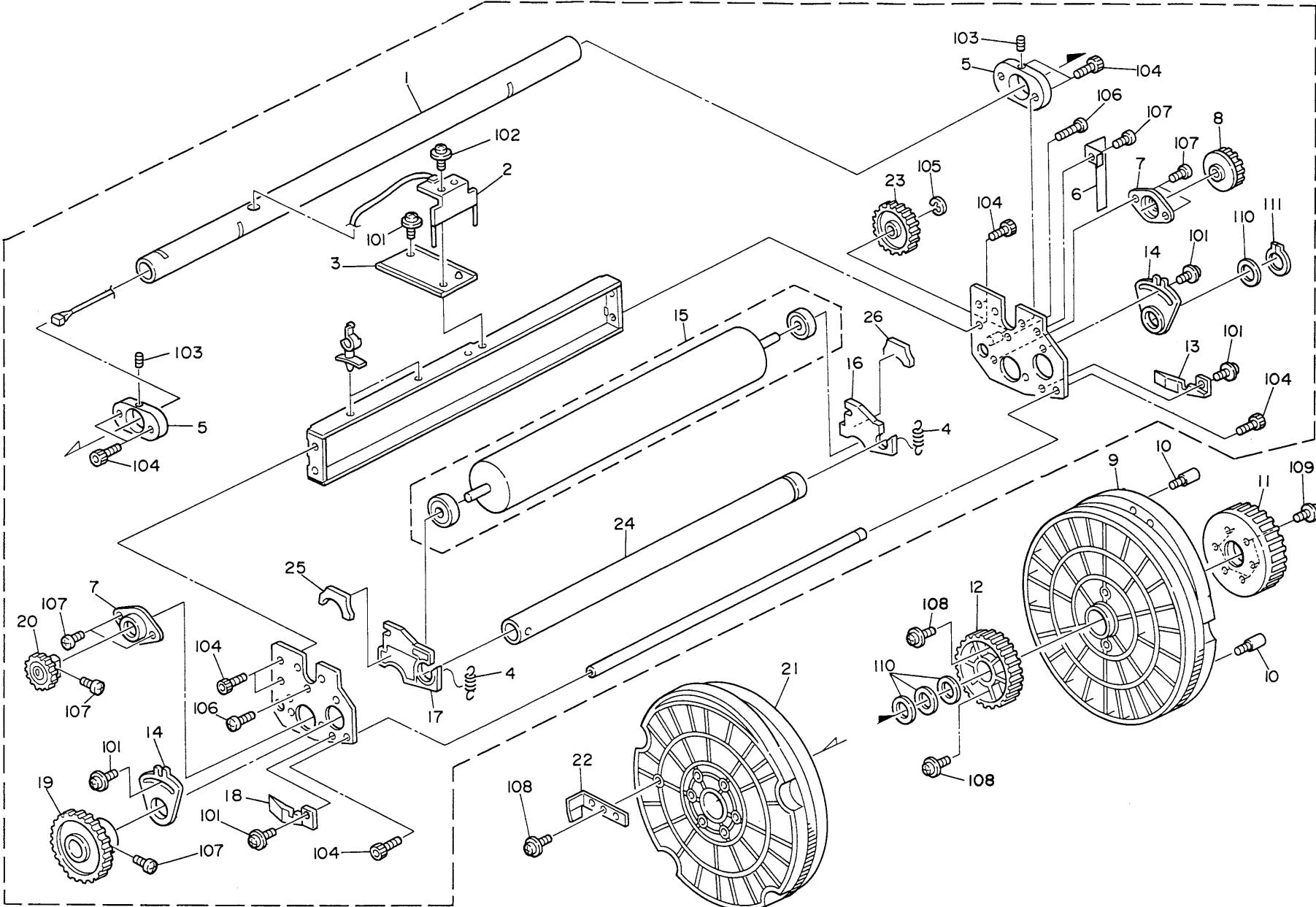


## 8. DRUM SECTION 1 (C225)

| Index No. | Part No.  | Description            | Q'ty Per Assembly |
|-----------|-----------|------------------------|-------------------|
| 1         | C217 4902 | Drum Clamper Ass'y     | 1                 |
| 2         | C217 4552 | Master Eject Pawl      | 1                 |
| 3         | C217 4744 | Clamper Magnet Plate   | 1                 |
| 4         | C217 4639 | Clamper Base           | 1                 |
| 5         | C217 4549 | Rear Clamper Spring    | 1                 |
| 7         | C217 4555 | Eject Pawl Spring      | 1                 |
| 8         | C217 4511 | Sensor Sheet - 8x20    | 1                 |
| 9         | C225 4636 | Tetron Screen - LG     | 1                 |
| 9         | C225 4634 | Tetron Screen - A4     | 1                 |
| 10        | C217 4550 | Rear Scrrn Holder      | 1                 |
| 11        | C217 4532 | Metal Screen Mylar     | 1                 |
| 12        | C217 4530 | Metal Screen - LG      | 1                 |
| 12        | C225 4530 | Metal Screen - A4      | 1                 |
| 13        | C217 4504 | Clamper Cam            | 1                 |
| 14        | C217 4551 | Front Scrrn Holder     | 1                 |
| 15        | C217 4547 | Clamper Shaft          | 1                 |
| 16        | C217 4646 | Friction Pad - Clamper | 1                 |
| 17        | C217 4652 | Mater Stopper - 5x160  | 1                 |
| 18        | C217 4537 | Screen Mylar           | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0720 0030Z | Retaining Ring - M3                 |                   |
| 102       | 0804 6107  | Hexagon Bolt - M2x4                 |                   |
| 103       | 0951 3008Z | Philips Screw With Flat Washer - M3 |                   |
| 104       | 0951 3006Z | Philips Screw With Flat Washer - M3 |                   |
| 105       | 0804 6091  | Hexagonal Set Screw - M2x5          |                   |

9. DRUM SECTION 2 (C225)

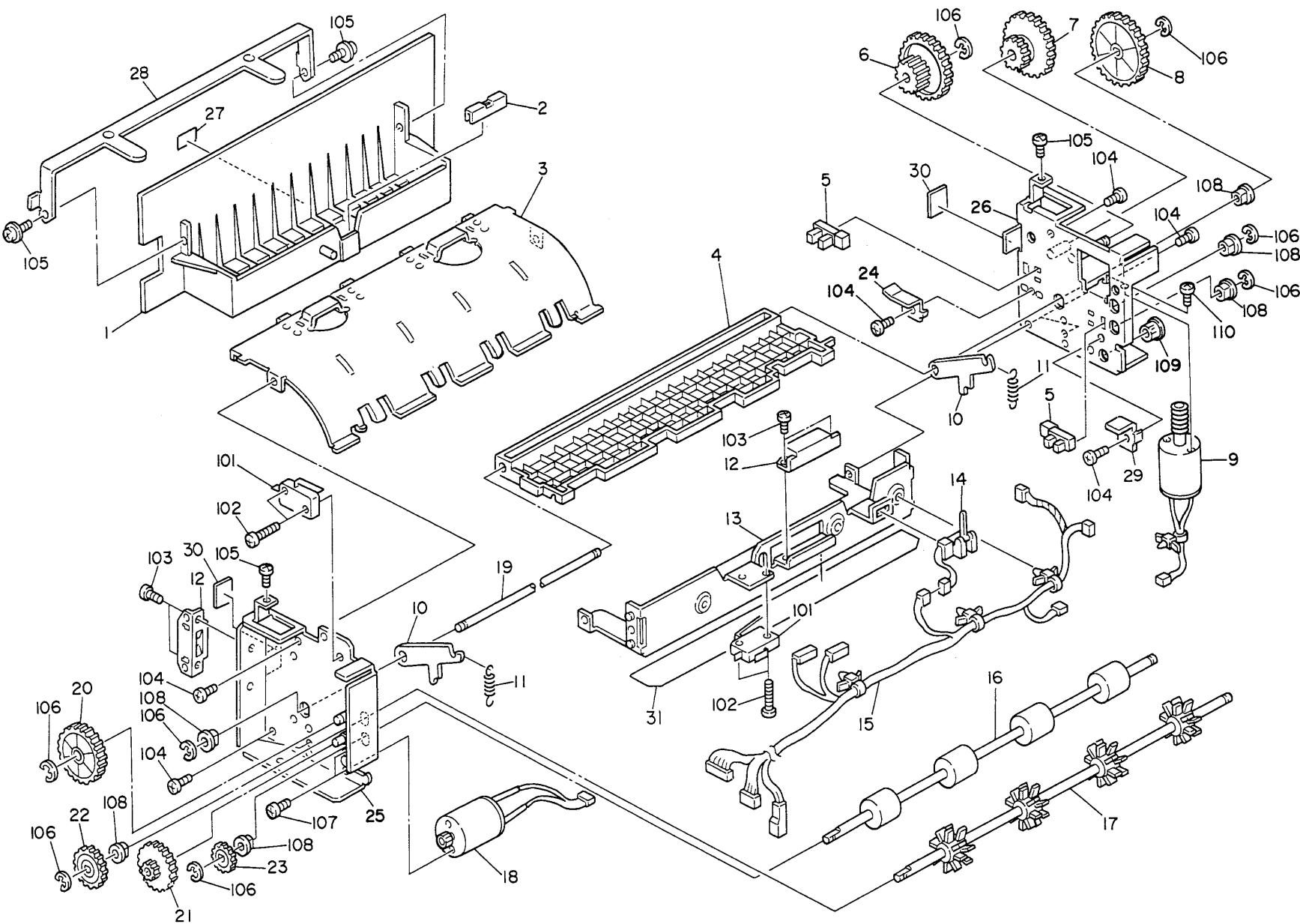


## 9. DRUM SECTION 2 (C225)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| *         | C217 4805 | Ink Roller Unit                 | 1                 |
| 1         | C217 4517 | Drum Shaft                      | 1                 |
| 2         | C217 4509 | Ink Detector                    | 1                 |
| 3         | C217 4507 | Detector Holder                 | 1                 |
| 4         | C215 4557 | Spring                          | 2                 |
| 5         | C217 4527 | Roller Unit Holder              | 2                 |
| 6         | C217 4506 | Grounding Plate                 | 1                 |
| 7         | C201 4665 | Bearing Holder                  | 2                 |
| 8         | C217 4582 | Gear - One-way                  | 1                 |
| 9         | C217 4585 | Rear Drum Flange                | 1                 |
| 9         | C225 4701 | Rear Drum Flange                | 1                 |
| 10        | 5205 3966 | Set Screw                       | 2                 |
| 11        | C217 4502 | Drum Gear                       | 1                 |
| 12        | C217 4581 | Ink Roller Drive Gear           | 1                 |
| 13        | C217 4599 | Rear Drum Blade                 | 1                 |
| 14        | C200 4723 | Adjusting Plate - Doctor Roller | 2                 |
| 15        | C217 4519 | Ink Roller                      | 1                 |
| 16        | C218 4594 | Rear Bank Plate                 | 1                 |
| 17        | C218 4592 | Front Bank Plate                | 1                 |
| 18        | C217 4598 | Front Drum Blade                | 1                 |
| 19        | C217 4580 | Gear - Doctor Roller Drive      | 1                 |
| 20        | C200 4748 | Gear - 45T                      | 1                 |
| 21        | C217 4584 | Front Drum Flange               | 1                 |
| 21        | C225 4700 | Front Drum Flange               | 1                 |
| 22        | C217 4503 | Sensor Actuator                 | 1                 |
| 23        | C207 4672 | Gear - 36Z                      | 1                 |
| 24        | C217 4524 | Doctor Roller                   | 1                 |
| 25        | C217 4596 | Sponge - Bank Plate             | 2                 |
| 26        | C217 4597 | Sponge Rear Bank Plate          | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0951 4006Z | Philips Screw With Flat Washer - M4 |                   |
| 102       | 0433 0060Z | Tapping Screw - M3x6                |                   |
| 103       | 0574 0040E | Hexagon Headless Set Screw - M4x4   |                   |
| 104       | 0594 0080E | Bolt - M4x8                         |                   |
| 105       | 0720 0050Z | Retaining Ring - M5                 |                   |
| 106       | 0314 0080Z | Philips Screw - 4x8                 |                   |
| 107       | 0313 0050Z | Philips Screw - 3x5                 |                   |
| 108       | 0951 3006Z | Philips Screw With Flat Washer - M3 |                   |
| 109       | 0951 3008Z | Philips Screw With Flat Washer - M3 |                   |
| 110       | 0807 7114  | Washer - 16x24x0.3mm                |                   |
| 111       | 0725 0160E | Retaining Ring C - M16              |                   |

10. MASTER EXIT SECTION (C225)

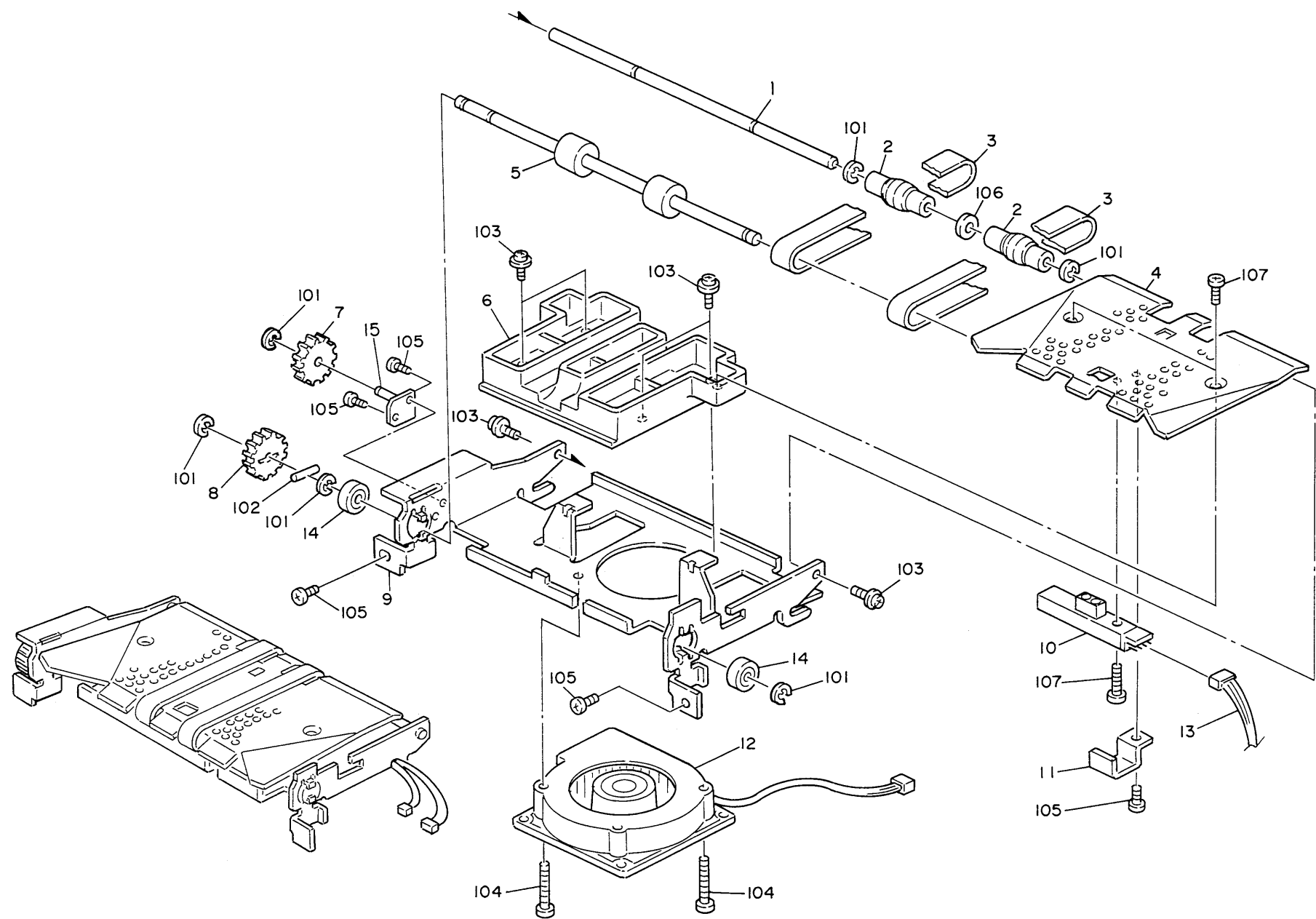


## 10. MASTER EXIT SECTION (C225)

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 1         | C217 3676 | Master Eject Box                | 1                 |
| 2         | C217 3572 | Magnet Catch Plate              | 1                 |
| 3         | C225 3567 | Guide Plate - Eject Unit        | 1                 |
| 4         | C217 3656 | Pressure Plate                  | 1                 |
| 5         | AW02 0021 | Photointerruptor - 175487-3     | 2                 |
| 6         | 5205 2681 | Coupled Gear - 17T/50T          | 1                 |
| 7         | 5205 2680 | Coupled Gear - 16T/53T          | 1                 |
| 8         | C217 3684 | Gear - Pressure Plate           | 1                 |
| 9         | C217 8447 | DC Motor - 24V/7.2W             | 1                 |
| 10        | C217 3553 | Pressure Plate Arm              | 2                 |
| 11        | C217 3555 | Pressure Plate Spring           | 1                 |
| 12        | AG07 0004 | Magnetic Catch                  | 2                 |
| 13        | C217 3521 | Eject Unit Base                 | 1                 |
| 14        | C217 8446 | Photointerruptor - Master Eject | 1                 |
| 15        | C217 8120 | Harness - Eject Unit            | 1                 |
| 16        | C217 3541 | Lower Eject Roller              | 1                 |
| 17        | C217 3532 | Upper Eject Roller              | 1                 |
| 18        | C217 8441 | Master Eject Motor              | 1                 |
| 19        | C217 3552 | Pressure Plate Shaft            | 1                 |
| 20        | C217 3581 | Coupled Gear - Large            | 1                 |
| 21        | C200 3604 | Coupled Gear - 16T & 50T        | 1                 |
| 22        | C217 3582 | Gear - Upper Roller             | 1                 |
| 23        | C217 3583 | Gear - Lower Roller             | 1                 |
| 24        | C217 3515 | Sensor Cover                    | 1                 |
| 25        | C217 3601 | Left Side Plate - Eject Unit    | 1                 |
| 26        | C217 3611 | Right Side Plate - Eject Unit   | 1                 |
| 27        | C217 2523 | Knob Seal                       | 1                 |
| 28        | C225 3577 | Master Holder                   | 1                 |
| 29        | C225 3518 | Master Eject Sensor Cover       | 1                 |
| 30        | C225 3506 | Master Holder Cover             | 2                 |
| 31        | C225 6038 | Mylar - Paper Exit              | 1                 |

| Index No. | Part No.   | Description                    | Q'ty Per Assembly |
|-----------|------------|--------------------------------|-------------------|
| 101       | 1204 2267  | Micro Switch - V-162-3C25      |                   |
| 102       | 0313 0140W | Philips Pan Head Screw - M3x14 |                   |
| 103       | 0314 0060W | Philips Pan Head Screw - M4x6  |                   |
| 104       | 0313 0060W | Philips Pan Head Screw - M3x6  |                   |
| 105       | 0960 4008W | Philips Flange Screw - M4x8    |                   |
| 106       | 0720 0040Z | Retaining Ring - M4            |                   |
| 107       | 0801 1135  | Philips Pan Head Screw - M3x3  |                   |
| 108       | 0805 3385  | Bushing - 6mm                  |                   |
| 109       | 1106 0087  | Snap Bushing - 7.9mm UI        |                   |
| 110       | 0313 0040W | Philips Pan Head Screw - M3x4  |                   |

11. DELIVERY TABLE (C225)

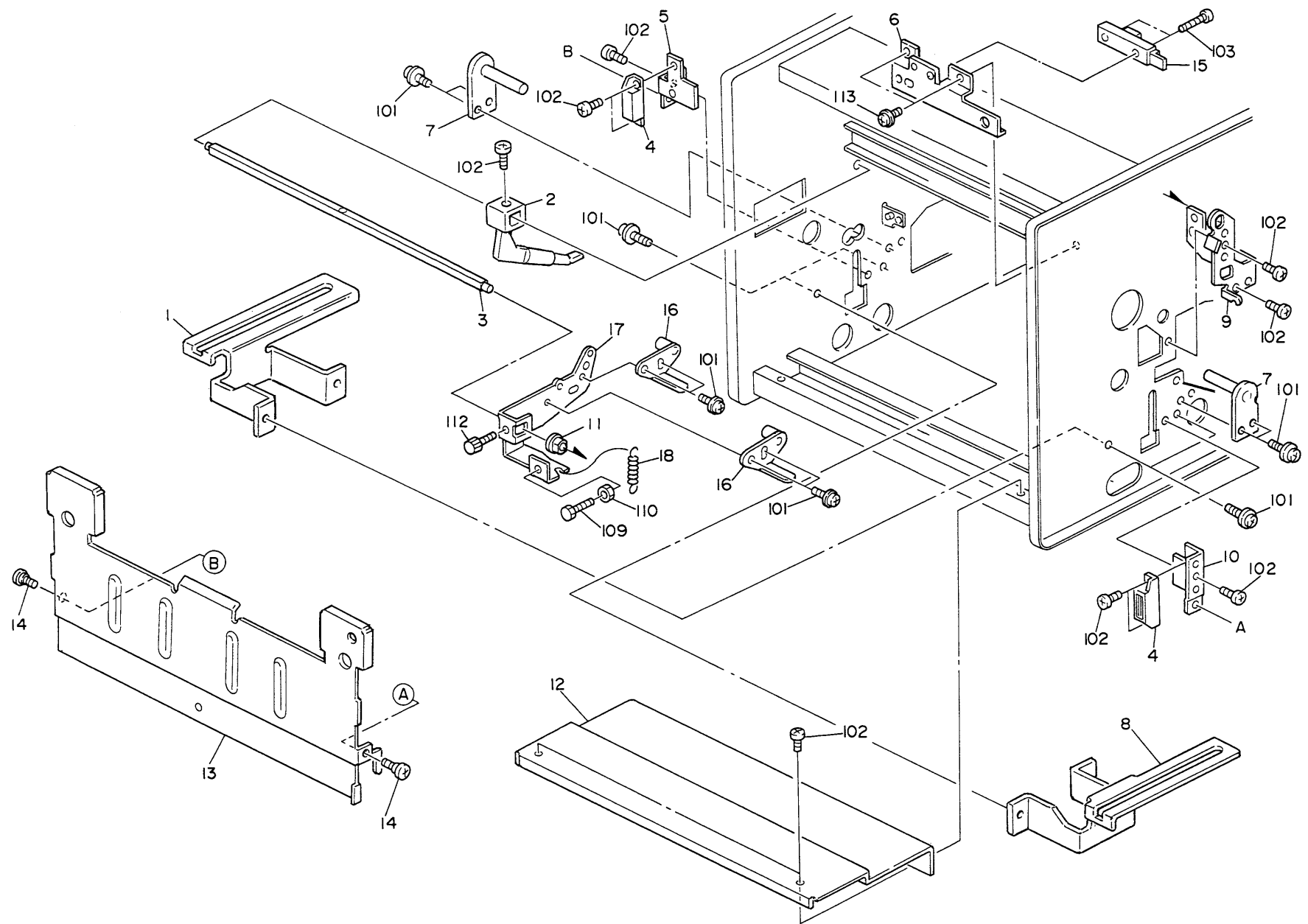


## 11. DELIVERY TABLE (C225)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | C225 6023 | Driven Roller Shaft            | 1                 |
| 2         | C219 6008 | Driven Roller - Transport Belt | 2                 |
| 3         | C207 6011 | Transport Belt                 | 2                 |
| 4         | C225 6005 | Paper Entrance Plate           | 1                 |
| 5         | C225 6019 | Transport Drive Roller         | 1                 |
| 6         | C213 6017 | Vacuum Duct                    | 1                 |
| 7         | C225 6013 | Idle Gear                      | 1                 |
| 8         | C225 6020 | Drive Gear                     | 1                 |
| 9         | C225 6002 | Base Plate                     | 1                 |
| 10        | C213 8137 | Master Sensor                  | 1                 |
| 11        | C225 6009 | Exit Sensor Cover              | 1                 |
| 12        | C219 8204 | Vacuum Fan Motor - DC24V 0.3A  | 1                 |
| 13        | C225 8148 | Relay Harness                  | 1                 |
| 14        | 5053 0223 | Bushing - 8mm                  | 1                 |
| 15        | C225 6010 | Idler Shaft                    | 1                 |

| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 101       | 0720 0060Z | Retaining Ring - M6               |                   |
| 102       | 0313 0140W | Philips Pan Head Screw - M3x14    |                   |
| 103       | 0960 4008W | Philips Flange Screw - M4x8       |                   |
| 104       | 0314 0350W | Philips Pan Head Screw - M4x35    |                   |
| 105       | 0313 0060W | Philips Pan Head Screw - M3x6     |                   |
| 106       | 0701 0060Z | Flat Washer - M6                  |                   |
| 107       | 0323 0100W | Philips Sunken Head Screw - M3x10 |                   |

12. PAPER EXIT SECTION 1 (C225)

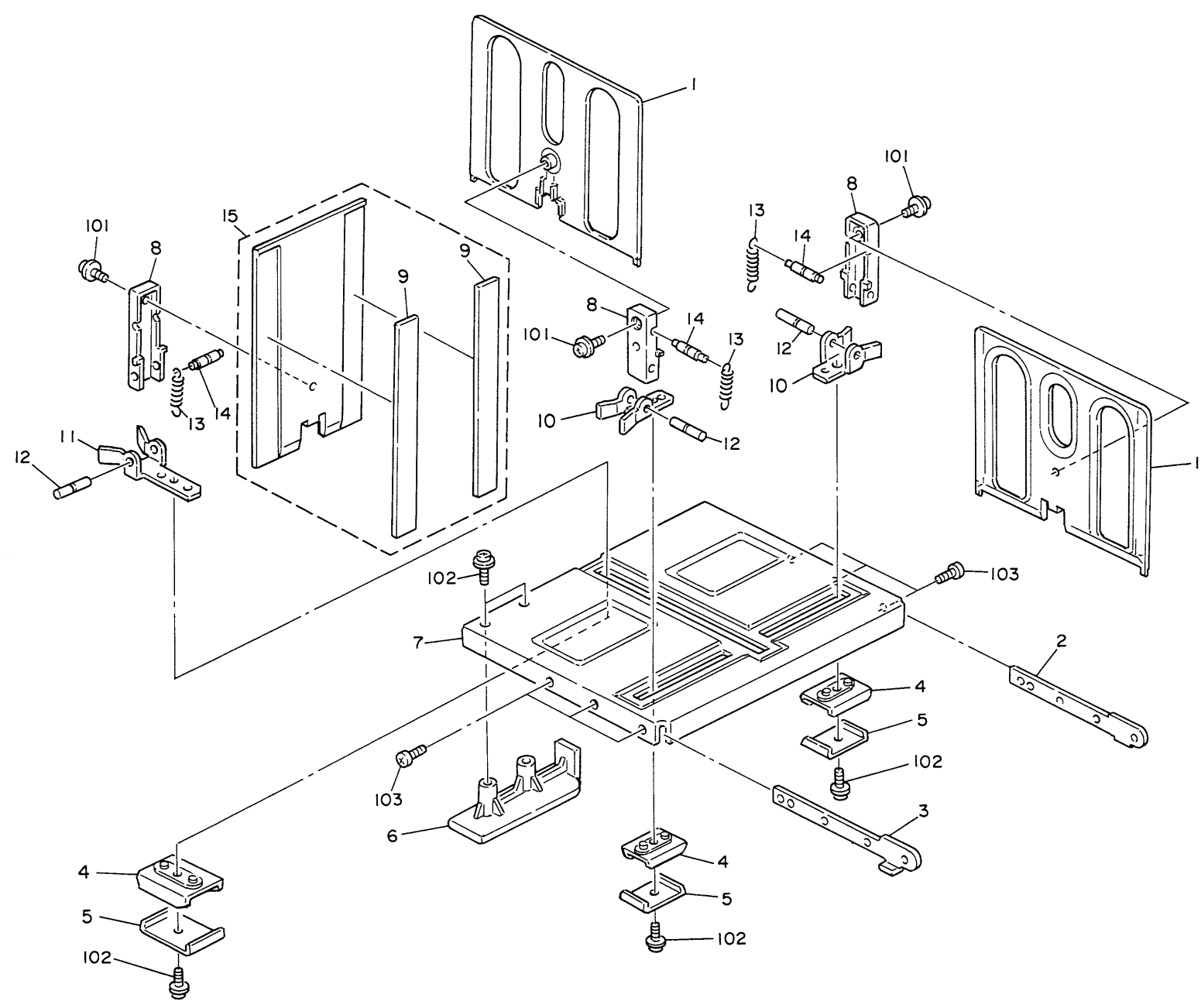


## 12. PAPER EXIT SECTION 1 (C225)

| Index No. | Part No.  | Description              | Q'ty Per Assembly |
|-----------|-----------|--------------------------|-------------------|
| 1         | C225 6032 | Left Positioning Plate   | 1                 |
| 2         | C225 5609 | Exit Pawl                | 1                 |
| 3         | C225 5607 | Pick-off Pawl Shaft      | 1                 |
| 4         | AG07 0004 | Magnetic Catch           | 2                 |
| 5         | C225 6036 | Vacuum Right Bracket     | 1                 |
| 6         | C217 5623 | Sensor Bracket           | 1                 |
| 7         | C225 6033 | Vacuum Front Guide       | 1                 |
| 8         | C225 6031 | Right Positioning Plate  | 1                 |
| 9         | C225 5606 | Shaft Bracket            | 1                 |
| 10        | C225 6037 | Vacuum Left Bracket      | 1                 |
| 11        | 5053 0447 | Bushing - 6mm            | 1                 |
| 12        | C225 6042 | Exit Lower Cover         | 1                 |
| 13        | C225 6041 | Exit Side Plate          | 1                 |
| 14        | C217 4426 | Shoulder Screw           | 1                 |
| 15        | C213 8137 | Master Sensor            | 1                 |
| 16        | C217 5602 | Follower Bracket         | 2                 |
| 17        | C217 5601 | Arm - Exit Pawl Shaft    | 1                 |
| 18        | C217 5608 | Spring - Exit Pawl Shaft | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 102       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 103       | 0313 0080W | Philips Pan Head Screw - M3x8       |                   |
| 104       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 106       | 0313 0120W | Philips Pan Head Screw - M3x12      |                   |
| 107       | 0313 0050W | Philips Pan Head Screw - M3x5       |                   |
| 108       | 0313 0060W | Philips Pan Head Screw - M3x6       |                   |
| 109       | 0584 0120Z | Hexagon Bolt - M4x12                |                   |
| 110       | 0710 0040Z | Hex Nut 4                           |                   |
| 112       | 0314 0080Z | Philips Screw - 4x8                 |                   |
| 113       | 0801 1004  | Screw - M4x4                        |                   |

13. PAPER EXIT SECTION 2 (C225)

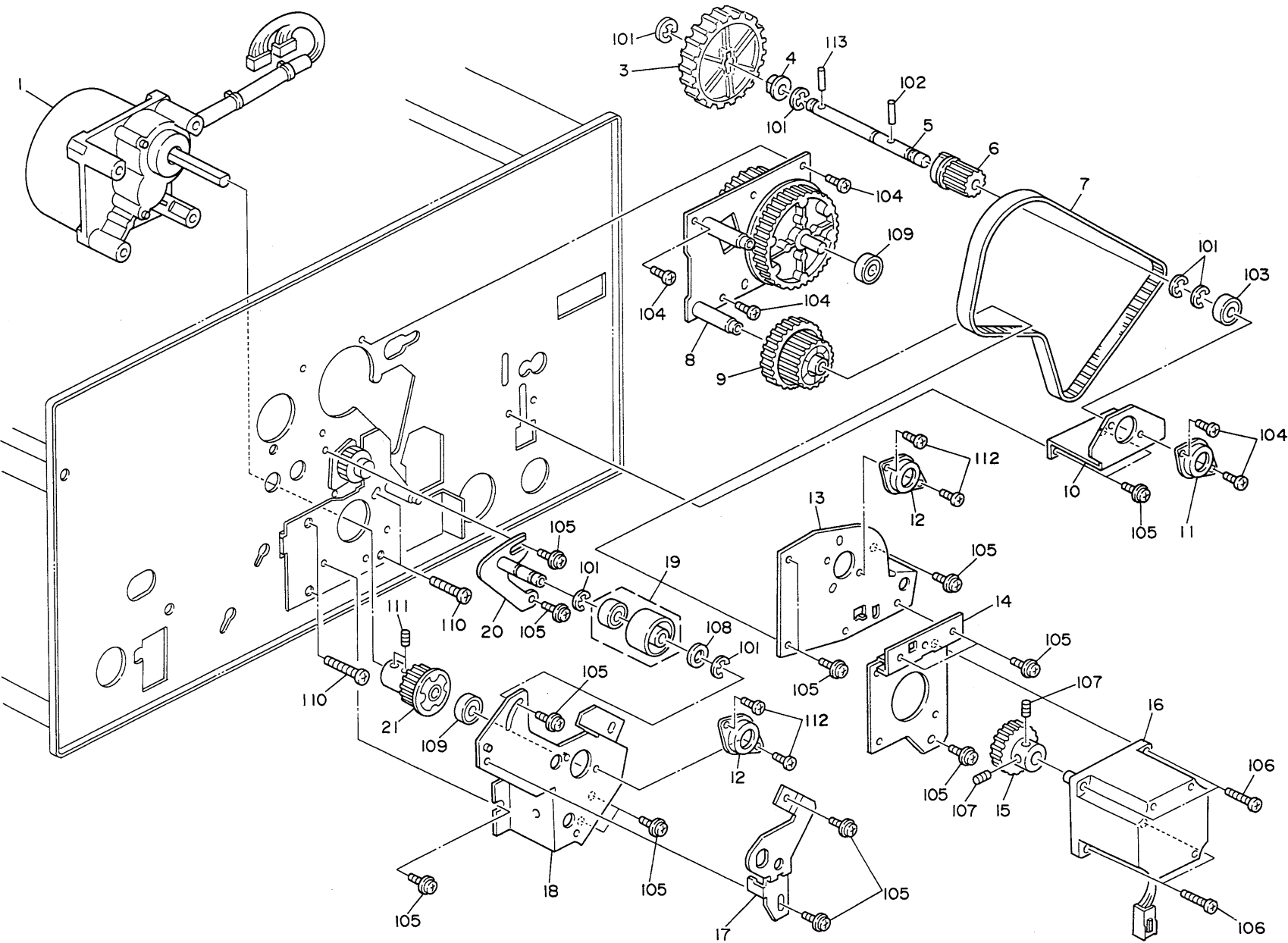


### 13. PAPER EXIT SECTION 2 (C225)

| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| 1         | C225 6110 | Paper Delivery Side Fence | 2                 |
| 2         | C225 6106 | Right Side Stay           | 1                 |
| 3         | C225 6107 | Left Side Stay            | 1                 |
| 4         | C225 6121 | Exit Guide Slider         | 2                 |
| 5         | C225 6122 | Spring Plate              | 2                 |
| 6         | C225 6104 | Exit Table Grip           | 1                 |
| 7         | C225 6102 | Exit Table                | 1                 |
| 8         | C225 6111 | Exit Guide Case           | 2                 |
| 9         | C225 6127 | Cushion - End Fence       | 2                 |
| 10        | C225 6116 | Side Fence Bracket        | 2                 |
| 11        | C225 6130 | End Fence Bracket         | 1                 |
| 12        | C225 6114 | Lower Pressure Spring Pin | 2                 |
| 13        | C225 6112 | Guide Plate Spring        | 3                 |
| 14        | C225 6113 | Upper Pressure Spring     | 3                 |
| 15        | C225 6125 | Paper Delivery End Fence  | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 102       | 0965 3006W | Tapping Screw With Flat Washer-M3x6 |                   |
| 103       | 0313 0050W | Philips Pan Head Screw - M3x5       |                   |

14. DRIVER SECTION 1 (C225)

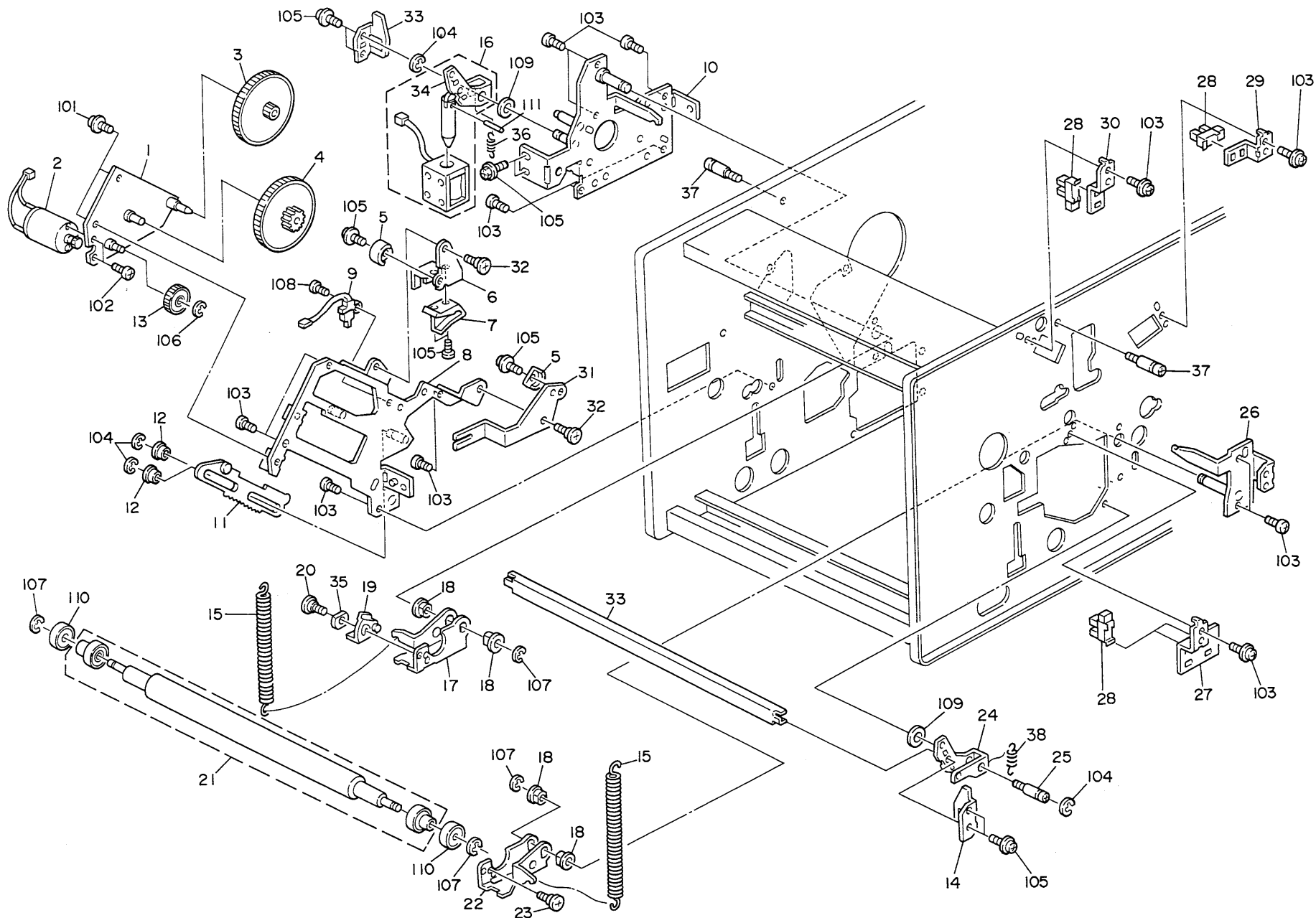


#### 14. DRIVER SECTION 1 (C225)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | C217 8420 | Main Motor - DC38V 36.4W      | 1                 |
| 3         | C225 6047 | Vacuum Drive Gear             | 1                 |
| 4         | 5053 0223 | Bushing - 8mm                 | 1                 |
| 5         | C225 6046 | Vacuum Drive Shaft            | 1                 |
| 6         | C217 6001 | Pulley - Exit Roller          | 1                 |
| 7         | C217 2250 | Timing Belt - 120S3M660UK     | 1                 |
| 8         | C217 2230 | Drum Drive Gear Ass'y         | 1                 |
| 9         | C217 5077 | Feed Drive Pulley             | 1                 |
| 10        | C217 2225 | Exit Roller Bracket           | 1                 |
| 11        | C200 2266 | Bearing Holder                | 1                 |
| 12        | C201 5134 | Bearing Holder                | 2                 |
| 13        | C217 2241 | Drum Drive Gear Bracket       | 1                 |
| 14        | C217 5110 | Feed Motor Bracket            | 1                 |
| 15        | C217 5115 | Feed Roller Gear              | 1                 |
| 16        | C217 5109 | Paper Feed Motor - DC24V 240W | 1                 |
| 17        | C217 5082 | Bracket - Feed Clutch         | 1                 |
| 18        | C217 2211 | Main Motor Bracket            | 1                 |
| 19        | C217 2221 | Tension Roller                | 1                 |
| 20        | C217 2216 | Tension Bracket               | 1                 |
| 21        | C217 2210 | Main Motor Pulley             | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0720 0060Z | Retaining Ring - M6                 |                   |
| 102       | 0633 0140Z | Parralel Pin - 3x14                 |                   |
| 103       | 0740 3008  | Ball Bearing - 8x22x7               |                   |
| 104       | 0313 0060W | Philips Pan Head Screw - M3x6       |                   |
| 105       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 106       | 0952 4014W | Pilips Screw - M4x14                |                   |
| 107       | 0574 0060E | Hexagon Headless Set Screw - M4x6   |                   |
| 108       | 0807 5044  | Spacer - 8.1mm X 11.5mm X 0.2       |                   |
| 109       | 0740 3010  | Ball Bearing - 10x26x8mm            |                   |
| 110       | 0315 0200Z | Philips Screw - 5x20                |                   |
| 111       | 0804 6101  | Hexagon Bolt - M3                   |                   |
| 112       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 113       | 0633 0180Z | Parralel Pin - 3x14                 |                   |

## 15. DRIVER SECTION 2 (C225)

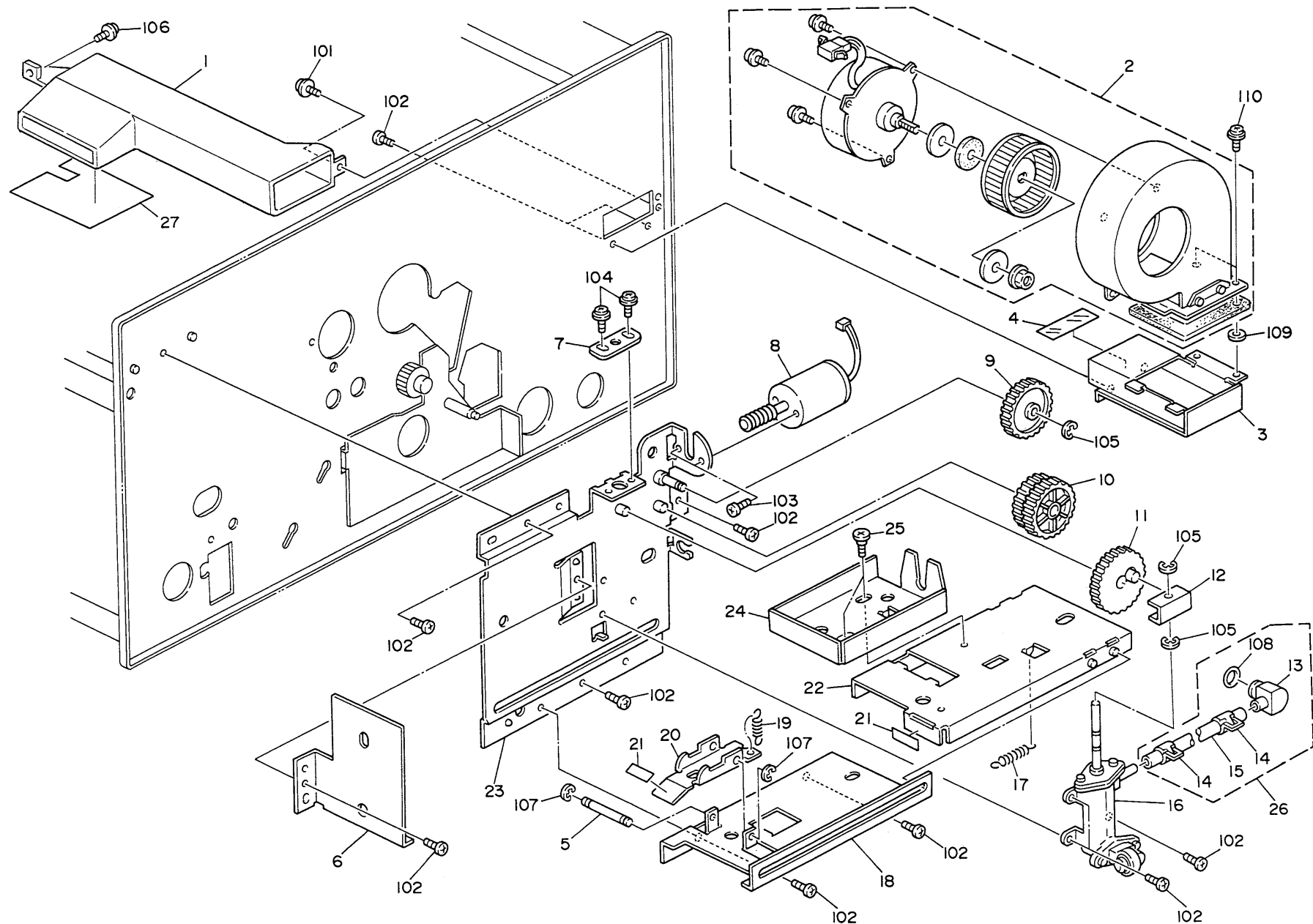


## 15. DRIVER SECTION 2 (C225)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | C217 4421 | Bracket - Image Shift Drive      | 1                 |
| 2         | C217 8226 | Master Eject Motor - DC24V/7.2W  | 2                 |
| 3         | C200 2331 | Gear - 20T                       | 1                 |
| 4         | C200 2332 | Gear - 16T                       | 1                 |
| 5         | C217 4418 | Cover Cap                        | 2                 |
| 6         | C217 4419 | Cover - Master Eject             | 1                 |
| 7         | C217 4420 | Drum Positioning Guide           | 1                 |
| 8         | C225 4410 | Drive Clamp Bracket              | 1                 |
| 9         | C217 8423 | Microswitch - Clamper Drive      | 1                 |
| 10        | C217 2205 | Main Motor Bracket               | 1                 |
| 11        | C217 4413 | Drive Clamp Rack                 | 1                 |
| 12        | C217 4416 | Rack Guide Sleeve                | 1                 |
| 13        | C200 3604 | Coupled Gear - 16T & 50T         | 1                 |
| 14        | C217 5523 | Pressure Release Lever - Front   | 1                 |
| 15        | C217 5512 | Print Pressure Spring            | 2                 |
| 16        | C209 8262 | Release Solenoid                 | 1                 |
| 17        | C217 5505 | Rear Pressure Arm                | 1                 |
| 18        | 5053 0223 | Bushing - 8mm                    | 4                 |
| 19        | C217 5508 | Pressure Arm Cap                 | 1                 |
| 20        | C217 5528 | Shoulder Screw - Sensor Actuator | 1                 |
| 21        | C217 5501 | Press Roller                     | 1                 |
| 22        | C217 5507 | Front Pressure Arm               | 1                 |
| 23        | 5607 3927 | Stepped Screw - M3x8             | 1                 |
| 24        | C217 5521 | Front Lever Arm                  | 1                 |
| 25        | C217 5524 | Stud - Front Release Lever       | 1                 |
| 26        | C217 5509 | Pressure Side Plate - Left       | 1                 |
| 27        | C217 5149 | Sensor Bracket - Lower           | 1                 |
| 28        | AW02 0021 | Photointerruptor - 175487-3      | 3                 |
| 29        | C217 5148 | Sensor Bracket - Upper           | 1                 |
| 30        | C217 5147 | Sensor Bracket - Left            | 1                 |
| 31        | C217 4417 | Drive Clamp Lever                | 1                 |
| 32        | C217 4426 | Shoulder Screw                   | 2                 |
| 33        | C217 5522 | Rear Lever Arm                   | 1                 |
| 34        | C217 5520 | Pressure Release Lever           | 1                 |
| 35        | C217 5527 | Click Support Plate              | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 36        | 5507 6144  | Rink Spring                         | 1                 |
| 37        | 5403 2819  | Spring Anchor - Reverse Roller      | 2                 |
| 38        | C217 5530  | Pressure Release Spring             |                   |
| 101       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 102       | 0801 1135  | Philips Pan Head Screw - M3x3       |                   |
| 103       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 104       | 0720 0040Z | Retaining Ring - M4                 |                   |
| 105       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 106       | 0720 0030Z | Retaining Ring - M3                 |                   |
| 107       | 0720 0060Z | Retaining Ring - M6                 |                   |
| 108       | 0252 0060B | Screw - M2X6                        |                   |
| 109       | 0807 7114  | Washer - 16x24x0.3mm                |                   |
| 110       | 0740 3008  | Ball Bearing - 8x22x7               |                   |
| 111       | 0623 0100E | Spring Pin - 3x10mm                 |                   |

16. AIR KNIFE (C225)

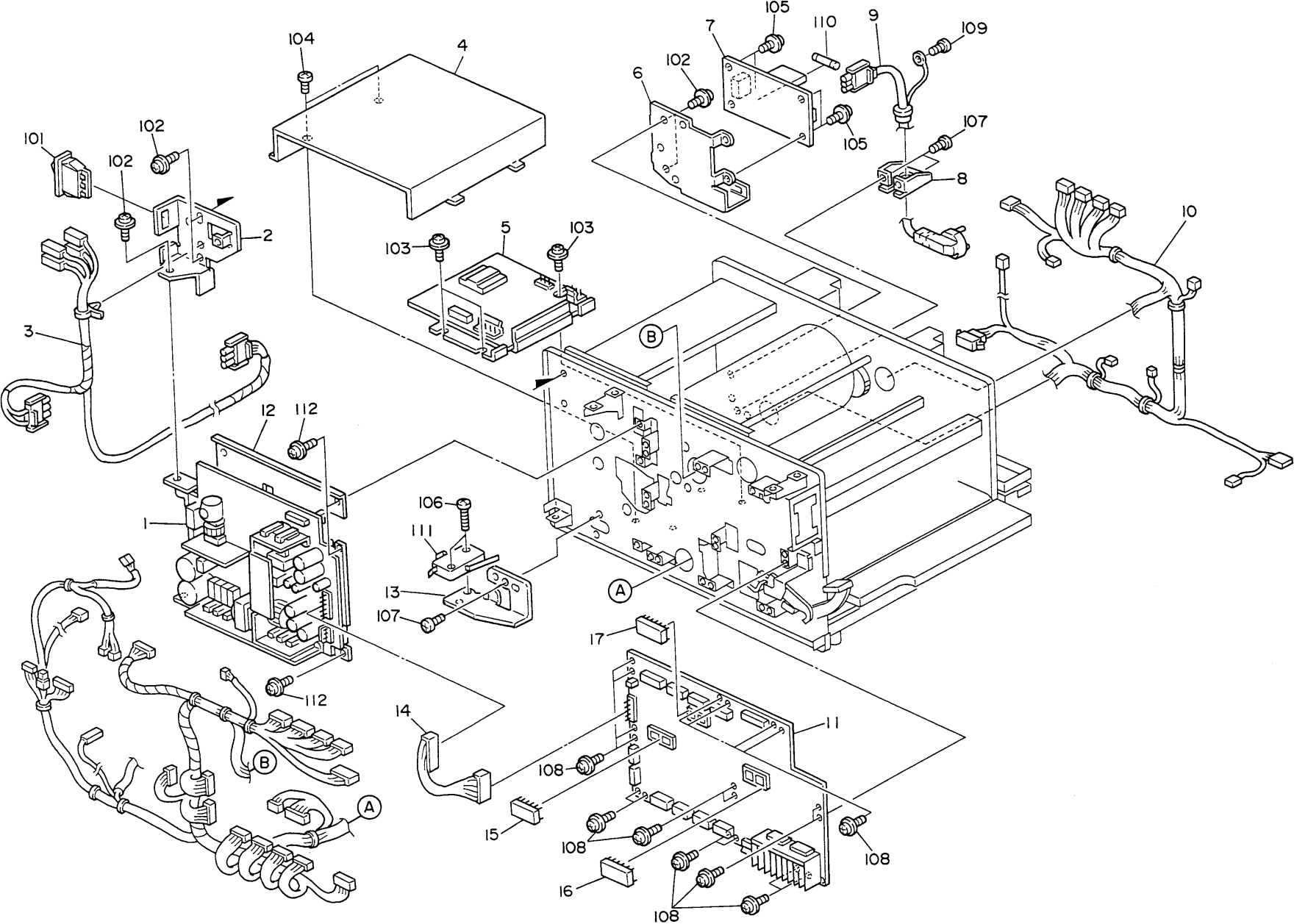


## 16. AIR KNIFE (C225)

| Index No. | Part No.  | Description                   | Q'ty Per Assembly |
|-----------|-----------|-------------------------------|-------------------|
| 1         | C217 6030 | Air Knife Duct                | 1                 |
| 2         | C217 8424 | Blower - DC38V 21W            | 1                 |
| 3         | C217 6024 | Blower Bracket                | 1                 |
| 4         | C217 6026 | Duct Seal                     | 1                 |
| 5         | C217 4570 | Shaft - Release Lever         | 1                 |
| 6         | C217 4569 | Ink Pump Cover                | 1                 |
| 7         | C200 4814 | Bushing - 6x10x55mm           | 1                 |
| 8         | C217 8400 | Ink Supply Motor - DC24V 3.4W | 1                 |
| 9         | 5205 2681 | Coupled Gear - 17T/50T        | 1                 |
| 10        | C217 4558 | Gear - Ink Pump               | 1                 |
| 11        | C200 4867 | Gear - 50T                    | 1                 |
| 12        | C201 4679 | Ink Pump Slider               | 1                 |
| 13        | C217 4573 | Ink Joint                     | 1                 |
| 14        | C209 4713 | Hose Band                     | 2                 |
| 15        | C217 4574 | Bynilon Tube                  | 1                 |
| 16        | C217 1243 | Ink Pump Ass'y (AB Dick)      | 1                 |
| 16        | C217 4659 | Ink Pump                      | 1                 |
| 17        | C217 4575 | Spring - Ink Holder           | 1                 |
| 18        | C217 4567 | Ink Holder Base               | 1                 |
| 19        | C217 4576 | Spring - Release Lever        | 1                 |
| 20        | C217 4571 | Ink Release Lever             | 1                 |
| 21        | C217 2523 | Knob Seal                     | 2                 |
| 22        | C217 4568 | Ink Holder Slider             | 1                 |
| 23        | C217 4562 | Ink Pump Base                 | 1                 |
| 24        | C217 4566 | Ink Holder                    | 1                 |
| 25        | 5442 2117 | Shoulder Screw - Hinge        | 2                 |
| 26        | C217 4572 | Ink Joint Ass'y               | 1                 |
| 27        | C217 6031 | Non - Reflective Sheet        | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 102       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 103       | 0313 0050W | Philips Pan Head Screw - M3x5       |                   |
| 104       | 0951 4006W | Philips Screw With Flat Washer-M4x6 |                   |
| 105       | 0720 0050Z | Retaining Ring - M5                 |                   |
| 106       | 0951 3006W | Philips Screw With Flat Washer-M3x6 |                   |
| 107       | 0720 0020Z | Retaining Ring - M2                 |                   |
| 108       | 0808 0021  | Rubber Ring                         |                   |

17. ELECTRICAL SECTION (C225)

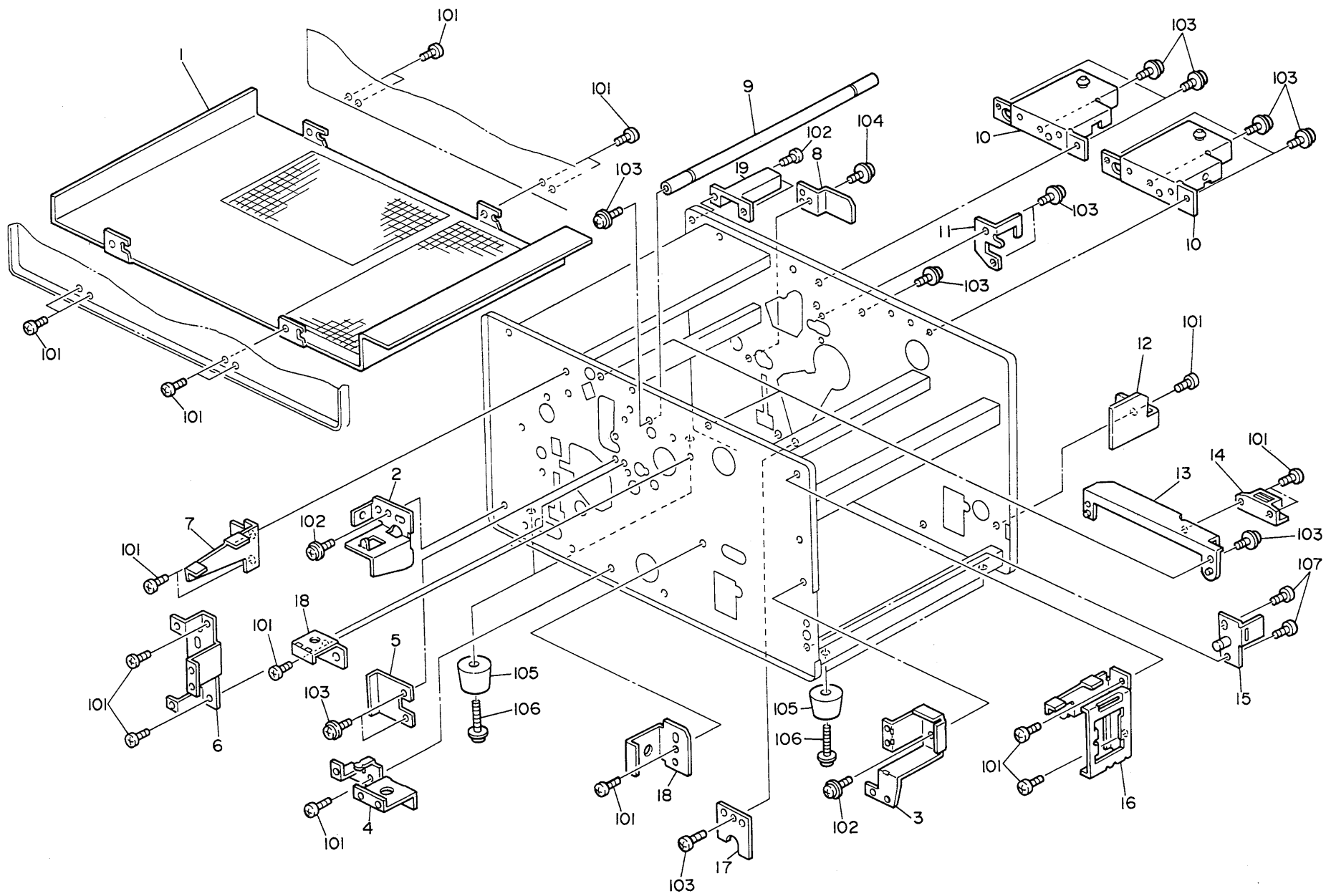


## 17. ELECTRICAL SECTION (C225)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | C225 8042 | Power Supply Unit - 115V     | 1                 |
| 1         | C225 8043 | Power Supply Unit - 230V     | 1                 |
| 2         | C217 2501 | Main Switch Bracket          | 1                 |
| 3         | C217 8105 | AC Harness                   | 1                 |
| 4         | C217 2020 | Cover - Drive Board          | 1                 |
| 5         | C217 8082 | Main Motor Driver Board      | 1                 |
| 6         | C217 2505 | Bracket - Noise Filter Board | 1                 |
| 7         | C217 8069 | Noise Filter Board - 230V    | 1                 |
| 7         | C217 8072 | Noise Filter Board - 115V    | 1                 |
| 8         | C217 2503 | Cord Bracket                 | 1                 |
| 9         | C217 8135 | Power Supply Code - 115V     | 1                 |
| 9         | C217 8140 | Power Supply Cord - 230V     | 1                 |
| 10        | C225 8101 | DC Drive Harness             | 1                 |
| 11        | C225 8002 | Main Control Board - 115V    | 1                 |
| 11        | C225 8012 | Main Control Board - 230V    | 1                 |
| 12        | C203 2128 | AC Drive Board Cover         | 1                 |
| 13        | C225 6043 | Safety Switch Bracket        | 1                 |
| 14        | C217 8125 | Harness - Main/PSU           | 1                 |
| 15        | C225 8005 | IC - UVEPROM 512KX8 50NS     | 1                 |
| 16        | C225 8006 | IC - UVEPROM 256KX8 150NS    | 1                 |
| 17        | C217 8007 | IC - TMS27C256-15JL          | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 1204 1545  | Main Switch                         |                   |
| 102       | 0960 4006Z | Philips Frang Screw - M4x6          |                   |
| 103       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 104       | 0314 0080W | Philips Pan Head Screw - M4x8       |                   |
| 105       | 0951 3006Z | Philips Screw With Flat Washer - M3 |                   |
| 106       | 0313 0120W | Philips Pan Head Screw - M3x12      |                   |
| 107       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 108       | 0951 3006Z | Philips Screw With Flat Washer - M3 |                   |
| 109       | 0344 0060D | Philips Truss Head Screw - M4x6     |                   |
| 110       | 1107 0722  | Fuse - K19374/1.6A                  |                   |
| 110       | 1107 0741  | Fuse - K19372/630mA                 |                   |
| 111       | 1204 2267  | Micro Switch - V-162-3C25           |                   |
| 112       | 0801 0137  | Pilips Pan Head Screw With Spring   |                   |

18. FRAME SECTION (C225)



## 18. FRAME SECTION (C225)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | C217 2015 | Bottom Plate                | 1                 |
| 2         | C217 2486 | PSU Bracket - Lower Left    | 1                 |
| 3         | C217 2483 | Main Board Bracket - Right  | 1                 |
| 4         | C217 2482 | PSU Bracket - Lower Right   | 1                 |
| 5         | C217 5515 | Front Drum Stay             | 1                 |
| 6         | C217 2484 | PSU Bracket - Upper Right   | 1                 |
| 7         | C217 2504 | Left Panel Bracket          | 1                 |
| 8         | C203 2128 | AC Drive Board Cover        | 1                 |
| 9         | C217 2017 | Upper Stay Shaft            | 1                 |
| 10        | C217 2430 | Hinge Bracket               | 2                 |
| 11        | C217 5514 | Rear Drum Stay              | 1                 |
| 12        | C217 2421 | Cover Bracket - Lower Right | 1                 |
| 13        | C217 2470 | Scanner Support Bracket     | 2                 |
| 14        | AG07 0004 | Magnetic Catch              | 2                 |
| 15        | C217 5045 | Holder - Tray Lower Lever   | 1                 |
| 16        | C217 2502 | Key Counter Bracket         | 1                 |
| 17        | C217 2021 | DC Harness Cover            | 1                 |
| 18        | C217 2481 | Main Board Bracket          | 3                 |
| 19        | C217 2487 | Rear Cover Bracket          | 1                 |

| Index No. | Part No.   | Description                         | Q'ty Per Assembly |
|-----------|------------|-------------------------------------|-------------------|
| 101       | 0434 0080W | Tapping Screw - M4x8                |                   |
| 102       | 0960 4006Z | Philips Frang Screw - M4x6          |                   |
| 103       | 0960 4008W | Philips Flange Screw - M4x8         |                   |
| 104       | 0951 4006W | Philips Screw With Flat Washer-M4x6 |                   |
| 105       | 0805 6009  | Rubber Foot                         |                   |
| 106       | 0951 5030Z | Philips Screw With Flat Washer - M5 |                   |
| 107       | 0801 1004  | Screw - M4x4                        |                   |

## 19. A/D CONVERSION BOARD (C225)

### CAPACITOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C201       | 124       |
| C202       | 125       |
| C203       | 123       |
| C204       | 125       |
| C205       | 124       |
|            |           |
| C206       | 124       |
| C207       | 124       |
| C208       | 126       |
| C209       | 124       |
| C210       | 124       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C211       | 129       |
| C212       | 124       |
| C213       | 124       |
| C214       | 124       |
| C215       | 128       |
|            |           |
| C216       | 128       |
| C217       | 128       |
| C218       | 128       |
| C219       | 128       |
| C220       | 128       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C221       | 128       |
| C222       | 128       |
| C223       | 128       |
| C224       | 128       |
| C225       | 127       |
|            |           |
| C226       | 128       |
| C227       | 128       |
| C228       | 128       |
| C229       | 128       |
| C230       | 128       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C231       | 127       |
| C232       | 128       |
| C233       | 128       |
| C234       | 128       |
| C235       | 128       |
|            |           |
| C236       | 127       |
| C237       | 128       |
| C238       | 128       |
| C239       | 128       |
| C240       | 128       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| C241       | 128       |
| C242       | 128       |
| C243       | 128       |
| C244       | 128       |

### CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN201      | 102       |
| CN202      | 101       |

### DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D201       | 106       |
| D202       | 106       |
| D203       | 106       |
| D204       | 106       |
| D205       | 106       |
|            |           |
| D206       | 106       |
| D207       | 106       |
| D208       | 106       |
| D209       | 106       |

### IC

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC201      | 112       |
| IC202      | 121       |
| IC203      | 115       |
| IC204      | 116       |
| IC205      | 109       |
|            |           |
| IC206      | 118       |
| IC207      | 107       |
| IC208      | 113       |
| IC209      | 1         |
| IC210      | 120       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| IC211      | 113       |
| IC212      | 114       |
| IC213      | 117       |
| IC214      | 110       |
| IC215      | 119       |
|            |           |
| IC216      | 120       |
| IC217      | 110       |
| IC218      | 108       |
| IC219      | 111       |

### TRANSISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| Q201       | 104       |
| Q202       | 103       |
| Q203       | 103       |
| Q204       | 105       |
| Q205       | 105       |

### RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R201       | 156       |
| R202       | 155       |
| R203       | 155       |
| R204       | 131       |
| R205       | 132       |
|            |           |
| R206       | 138       |
| R207       | 138       |
| R208       | 135       |
| R209       | 131       |
| R210       | 155       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R211       | 135       |
| R212       | 132       |
| R213       | 132       |
| R214       | 135       |
| R215       | 132       |
|            |           |
| R216       | 130       |
| R217       | 131       |
| R218       | 134       |
| R219       | 133       |
| R220       | 133       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R221       | 133       |
| R222       | 133       |
| R223       | 130       |
| R224       | 130       |
| R225       | 131       |
|            |           |
| R226       | 131       |
| R227       | 133       |
| R228       | 133       |
| R229       | 131       |
| R230       | 131       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R231       | 131       |
| R232       | 134       |
| R233       | 152       |
| R234       | 159       |
| R235       | 161       |
|            |           |
| R236       | 147       |
| R237       | 134       |
| R238       | 139       |
| R239       | 139       |
| R240       | 139       |

RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R241       | 133       |
| R242       | 133       |
| R243       | 139       |
| R244       | 139       |
| R245       | 139       |
| R246       | 139       |
| R247       | 135       |
| R248       | 135       |
| R249       | 157       |
| R250       | 143       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R251       | 132       |
| R252       | 132       |
| R253       | 140       |
| R254       | 162       |
| R255       | 150       |
| R256       | 132       |
| R257       | 145       |
| R258       | 141       |
| R259       | 141       |
| R260       | 134       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R261       | 134       |
| R262       | 150       |
| R263       | 145       |
| R264       | 160       |
| R265       | 151       |
| R266       | 146       |
| R267       | 158       |
| R268       | 152       |
| R269       | 142       |
| R270       | 138       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R271       | 138       |
| R272       | 138       |
| R273       | 138       |
| R274       | 138       |
| R275       | 138       |
| R276       | 138       |
| R277       | 138       |
| R278       | 138       |
| R279       | 138       |
| R280       | 138       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R281       | 131       |
| R282       | 137       |
| R283       | 149       |
| R284       | 153       |
| R285       | 154       |
| R286       | 138       |
| R287       | 144       |
| R288       | 134       |
| R289       | 141       |
| R290       | 155       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R291       | 155       |
| R292       | 139       |
| R293       | 132       |
| R294       | 132       |
| R295       | 132       |
| R296       | 138       |
| R297       | 138       |
| R298       | 138       |
| R299       | 132       |
| R300       | 132       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R301       | 132       |
| R302       | 148       |
| R303       | 139       |
| R304       | 132       |
| R305       | 139       |
| R306       | 134       |
| R307       | 132       |
| R308       | 132       |
| R309       | 132       |
| R310       | 132       |

VR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R311       | 138       |
| R312       | 138       |
| R313       | 138       |
| R314       | 138       |
| R315       | 154       |
| R316       | 155       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| TP201      | 100       |
| TP202      | 100       |
| TP203      | 100       |
| TP204      | 100       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| VR201      | 122       |

## 19. A/D CONVERSION BOARD (C225)

| Index No. | Part No.  | Description                           | Q'ty Per Assembly |
|-----------|-----------|---------------------------------------|-------------------|
| *         | C217 8020 | A/D Conversion Board                  | 1                 |
| 1         | C217 8052 | IC - UPD56012GC-28-3B6                | 1                 |
| 100       | 1101 0328 | Connector Pin Contact                 |                   |
| 101       | 1102 4209 | Ct Header - 10p                       |                   |
| 102       | 1102 5553 | Connector - 1p                        |                   |
| 103       | 1400 0098 | Transistor - 2SA950-Y                 |                   |
| 104       | 1400 0163 | Transistor - 2SC2120 - Y              |                   |
| 105       | 1401 0298 | Transistor - 2SC2712Y                 |                   |
| 106       | 1401 0835 | Diode - 1SS190                        |                   |
| 107       | 1407 1610 | IC - SN7407                           |                   |
| 108       | 1407 2412 | IC - SN74LS32M                        |                   |
| 109       | 1407 2417 | TTL - IC - SN74LS240M                 |                   |
| 110       | 1407 3381 | IC - 74HC4066A                        |                   |
| 111       | 1407 3480 | IC - TC74HC86AF                       |                   |
| 112       | 1407 3488 | IC - TC74HC4053AF                     |                   |
| 113       | 1407 3490 | IC - TC74HC4051AF                     |                   |
| 114       | 1407 3894 | IC - MB8464A-10LPF                    |                   |
| 115       | 1407 4141 | IC - M52670FP                         |                   |
| 116       | 1407 4192 | IC - SN74LS244M                       |                   |
| 117       | 1408 0408 | IC - PST518A                          |                   |
| 118       | 1408 0454 | IC - UPC358G                          |                   |
| 119       | 1408 0565 | IC - UPC311G                          |                   |
| 120       | 1408 0685 | IC - 814102                           |                   |
| 121       | 1408 1018 | IC - MPC3403G2                        |                   |
| 122       | 1601 8145 | Variable Resistor - 5K $\Omega$ 0.5W  |                   |
| 123       | 1604 1354 | Capacitor - 100 $\mu$ F 10V           |                   |
| 124       | 1604 1363 | Capacitor - 10 $\mu$ F $\pm$ 20% 25V  |                   |
| 125       | 1604 1366 | Capacitor - 47 $\mu$ F $\pm$ 20% 25V  |                   |
| 126       | 1604 1855 | Capacitor - 4.7 $\mu$ F 25V $\pm$ 20% |                   |
| 127       | 1605 0226 | Capacitor - 1000PF 50V                |                   |
| 128       | 1606 1139 | Capacitor - 0.01 $\mu$ F $\pm$ 20%    |                   |
| 129       | 1606 1352 | Capacitor - 0.1 $\mu$ F 50V           |                   |
| 130       | 1630 3100 | Resistor - 10 $\Omega$ $\pm$ 5% 1/10W |                   |

| Index No. | Part No.  | Description                              | Q'ty Per Assembly |
|-----------|-----------|------------------------------------------|-------------------|
| 131       | 1630 3101 | Resistor - 100 $\Omega$ - 1/10W          |                   |
| 132       | 1630 3102 | Resistor - 1K $\Omega$ 1/10W $\pm$ 5%    |                   |
| 133       | 1630 3152 | Resistor - 1.5k $\Omega$ - 1/10W         |                   |
| 134       | 1630 3220 | Resistor - 22 $\Omega$ $\pm$ 5% 1/10W    |                   |
| 135       | 1630 3222 | Resistor - 2.2K $\Omega$ 1/10W $\pm$ 5%  |                   |
| 136       | 1630 3331 | Resistor - 330 $\Omega$ 1/10W $\pm$ 5%   |                   |
| 137       | 1630 3470 | Resistor - 47 $\Omega$ 1/10W $\pm$ 5%    |                   |
| 138       | 1630 3471 | Resistor - 470 $\Omega$ - 1/10W          |                   |
| 139       | 1630 3472 | Resistor - 4.7K $\Omega$ 1/10W $\pm$ 5%  |                   |
| 140       | 1633 1022 | Resistor - 10.2K $\Omega$ $\pm$ 1% 1/10W |                   |
| 141       | 1633 1101 | Resistor - 1.1K $\Omega$ $\pm$ 1% 1/10W  |                   |
| 142       | 1633 1212 | Resistor - 12.1K $\Omega$ $\pm$ 1% 1/10W |                   |
| 143       | 1633 1332 | Resistor - 13.3K $\Omega$ $\pm$ 1% 1/10W |                   |
| 144       | 1633 1370 | Resistor - 137K $\Omega$ $\pm$ 1% 1/10W  |                   |
| 145       | 1633 1582 | Resistor - 15.8K $\Omega$ $\pm$ 1% 1/10W |                   |
| 146       | 1633 1692 | Resistor - 16.9 $\Omega$ $\pm$ 1% 1/10W  |                   |
| 147       | 1633 1871 | Resistor - 1.87K $\Omega$ $\pm$ 1% 1/10W |                   |
| 148       | 1633 2740 | Resistor - 274 $\Omega$ $\pm$ 1% 1/10W   |                   |
| 149       | 1633 3011 | Resistor - 3.01K $\Omega$ $\pm$ 1% 1/10W |                   |
| 150       | 1633 3241 | Resistor - 3.24K $\Omega$ $\pm$ 1% 1/10W |                   |
| 151       | 1633 3482 | Resistor - 34.8 $\Omega$ $\pm$ 1% 1/10W  |                   |
| 152       | 1633 3831 | Resistor - 3.83K $\Omega$ $\pm$ 1% 1/10W |                   |
| 153       | 1633 4122 | Resistor - 41.2 $\Omega$ $\pm$ 1% 1/10W  |                   |
| 154       | 1633 4752 | Resistor - 47.5K $\Omega$ $\pm$ 1% 1/10W |                   |
| 155       | 1633 5110 | Resistor - 511 $\Omega$ $\pm$ 1% 1/10W   |                   |
| 156       | 1633 5490 | Resistor - 549 $\Omega$ $\pm$ 1% 1/10W   |                   |
| 157       | 1633 5901 | Resistor - 5.9K $\Omega$ $\pm$ 1% 1/10W  |                   |
| 158       | 1633 6981 | Resistor - 6.98K $\Omega$ $\pm$ 1% 1/10W |                   |
| 159       | 1633 7871 | Resistor - 7.87K $\Omega$ $\pm$ 1% 1/10W |                   |
| 160       | 1633 8661 | Resistor - 8.66K $\Omega$ $\pm$ 1% 1/10W |                   |
| 161       | 1633 9090 | Resistor - 909 $\Omega$ $\pm$ 1% 1/10W   |                   |
| 162       | 1633 9532 | Resistor - 909 $\Omega$ $\pm$ 1% 1/10W   |                   |

## 20. MAIN BOARD (C225)

### 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C101       | 205       | C111       | 216       | C121       | 215       | C131       | 215       | C141       | 212       | C151       | 215       | C161       | 215       |
| C102       | 175       | C112       | 216       | C122       | 215       | C132       | 215       | C142       | 212       | C152       | 215       | C162       | 215       |
| C103       | 205       | C113       | 208       | C123       | 215       | C133       | 212       | C143       | 212       | C153       | 215       | C163       | 215       |
| C104       | 205       | C114       | 215       | C124       | 215       | C134       | 215       | C144       | 212       | C154       | 211       | C164       | 215       |
| C105       | 205       | C115       | 204       | C125       | 215       | C135       | 215       | C145       | 212       | C155       | 215       | C165       | 215       |
| C106       | 205       | C116       | 216       | C126       | 211       | C136       | 215       | C146       | 215       | C156       | 215       | C166       | 215       |
| C107       | 176       | C117       | 204       | C127       | 215       | C137       | 215       | C147       | 215       | C157       | 215       | C167       | 215       |
| C108       | 211       | C118       | 204       | C128       | 211       | C138       | 213       | C148       | 211       | C158       | 215       | C168       | 215       |
| C109       | 204       | C119       | 209       | C129       | 215       | C139       | 212       | C149       | 215       | C159       | 211       | C169       | 211       |
| C110       | 207       | C120       | 205       | C130       | 215       | C140       | 212       | C150       | 215       | C160       | 211       | C170       | 215       |

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| C171       | 211       | C181       | 215       | C191       | 215       | C201       | 215       | C211       | 210       | C221       | 215       |
| C172       | 214       | C182       | 215       | C192       | 211       | C202       | 215       | C212       | 215       | C222       | 215       |
| C173       | 214       | C183       | 215       | C193       | 215       | C203       | 215       | C213       | 215       | C223       | 211       |
| C174       | 215       | C184       | 215       | C194       | 211       | C204       | 215       | C214       | 215       | C224       | 215       |
| C175       | 215       | C185       | 215       | C195       | 215       | C205       | 215       | C215       | 216       | C225       | 206       |
| C176       | 215       | C186       | 211       | C196       | 215       | C206       | 211       | C216       | 215       | C226       | 215       |
| C177       | 211       | C187       | 215       | C197       | 216       | C207       | 215       | C217       | 215       | C227       | 211       |
| C178       | 215       | C188       | 211       | C198       | 215       | C208       | 215       | C218       | 215       |            |           |
| C179       | 211       | C189       | 215       | C199       | 215       | C209       | 211       | C219       | 215       |            |           |
| C180       | 215       | C190       | 215       | C200       | 211       | C210       | 215       | C220       | 216       |            |           |

## CONNECTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN101      | 108       |
| CN102      | 104       |
| CN103      | 111       |
| CN104      | 107       |
| CN105      | 109       |
| CN106      | 102       |
| CN107      | 106       |
| CN108      | 107       |
| CN109      | 110       |
| CN110      | 111       |

## DIODE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| CN111      | 105       |
| CN112      | 106       |
| CN113      | 112       |
| CN114      | 103       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D101       | 122       |
| D102       | 121       |
| D103       | 121       |
| D104       | 121       |
| D105       | 121       |
| D106       | 121       |
| D107       | 121       |
| D108       | 121       |
| D109       | 121       |
| D110       | 126       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D111       | 122       |
| D112       | 122       |
| D113       | 122       |
| D114       | 122       |
| D115       | 122       |
| D116       | 122       |
| D117       | 122       |
| D118       | 122       |
| D119       | 127       |
| D120       | 122       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D121       | 122       |
| D122       | 122       |
| D123       | 122       |
| D124       | 122       |
| D125       | 122       |
| D126       | 122       |
| D127       | 122       |
| D128       | 122       |
| D129       | 122       |
| D130       | 122       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| D131       | 122       |
| D132       | 122       |
| D133       | 122       |

## DPS

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| DPS101     | 118       |
| DPS102     | 117       |
| DPS103     | 118       |

## FUSE

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| FU101      | 113       |
| FU102      | 116       |
| FU103      | 113       |
| FU104      | 115       |

## COIL

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| L101       | 177       |

## LED

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| LED101     | 129       |
| LED102     | 129       |

## NF

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| NF101      | 174       |

## IC

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| IC101      | 119       | IC111      | 153       | IC121      | 114       | IC131      | 5         | IC141      | 145       | IC151      | 160       | IC160      | 137       |
| IC102      | 119       | IC112      | 130       | IC122      | 146       | IC132      | 144       | IC142      | 138       | IC152      | 6         | IC161      | 147       |
| IC103      | 159       | IC113      | 143       | IC123      | 146       | IC133      | 133       | IC143      | 141       |            | 152       | IC162      | 142       |
| IC104      | 125       | IC114      | 162       | IC124      | 146       | IC134      | 136       | IC144      | 136       | IC153      | 144       | IC163      | 141       |
| IC105      | 153       | IC115      | 149       | IC125      | 145       | IC135      | 154       | IC145      | 136       | IC154      | 134       | IC164      | 133       |
| IC106      | 162       | IC116      | 134       | IC126      | 158       | IC136      | 137       | IC146      | 155       | IC155      | 163       | IC165      | 139       |
| IC107      | 128       | IC117      | 142       | IC127      | 140       | IC137      | 137       | IC147      | 135       | IC156      | 131       | IC166      | 133       |
| IC108      | 114       | IC118      | 142       | IC128      | 144       | IC138      | 154       | IC148      | 157       | IC157      | 140       | IC167      | 154       |
| IC109      | 146       | IC119      | 133       | IC129      | 143       | IC139      | 7         | IC149      | 157       | IC158      | 164       | IC168      | 156       |
| IC110      | 154       | IC120      | 143       | IC130      | 154       | IC140      | 114       | IC150      | 157       | IC159      | 6         | IC169      | 154       |
|            |           |            |           |            |           |            |           |            |           |            | 151       |            |           |

## OSC

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| IC170      | 140       | OSC101     | 165       |
| IC171      | 148       | OSC102     | 166       |
| IC172      | 138       | OSC103     | 166       |
| IC173      | 161       |            |           |
| IC174      | 132       |            |           |
| IC175      | 123       |            |           |

## RAY

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|
| RAY101     | 169       |            |           |
| RAY102     | 169       |            |           |
| RAY103     | 170       |            |           |
| RAY104     | 171       |            |           |
| RAY105     | 171       |            |           |
| RAY106     | 169       |            |           |
| RAY107     | 168       |            |           |
| RAY108     | 168       |            |           |
| RAY109     | 168       |            |           |
| RAY110     | 168       |            |           |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| RAY111     | 168       |
| RAY112     | 169       |

## RESISTOR

| SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. | SYMBOL NO. | INDEX NO. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R101       | 179       | R111       | 199       | R121       | 183       | R131       | 198       | R141       | 195       | R151       | 197       | R161       | 198       |
| R102       | 179       | R112       | 192       | R122       | 183       | R132       | 189       |            |           | R152       | 198       | R162       | 198       |
| R103       | 179       | R113       | 184       | R123       | 183       | R133       | 194       |            |           | R153       | 198       | R163       | 195       |
| R104       | 179       | R114       | 198       | R124       | 184       | R134       | 189       | R144       | 178       | R154       | 198       | R164       | 194       |
| R105       | 179       | R115       | 198       | R125       | 182       | R135       | 189       | R145       | 184       | R155       | 197       | R165       | 194       |
| R106       | 179       | R116       | 182       | R126       | 198       | R136       | 194       | R146       | 183       | R156       | 183       | R166       | 194       |
| R107       | 179       | R117       | 195       | R127       | 197       | R137       | 189       | R147       | 189       | R157       | 198       | R167       | 194       |
| R108       | 179       | R118       | 180       | R128       | 193       | R138       | 194       | R148       | 189       | R158       | 198       | R168       | 198       |
| R109       | 184       | R119       | 181       | R129       | 198       | R139       | 194       | R149       | 201       | R159       | 189       | R169       | 198       |
| R110       | 184       | R120       | 183       | R130       | 198       | R140       | 182       | R150       | 183       | R160       | 198       | R170       | 198       |

| 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. |
|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|
| R171       | 198       | R181       | 198       | R191       | 190       | R201       | 198       | R211       | 198       | R221       | 202       | R231       | 198       |
| R172       | 198       | R182       | 189       | R192       | 197       | R202       | 198       | R212       | 185       | R222       | 189       | R232       | 198       |
| R173       | 189       | R183       | 189       | R193       | 197       | R203       | 198       | R213       | 184       | R223       | 187       | R233       | 198       |
| R174       | 198       | R184       | 198       | R194       | 197       | R204       | 198       | R214       | 183       | R224       | 200       | R234       | 198       |
| R175       | 198       | R185       | 198       | R195       | 197       | R205       | 198       | R215       | 195       | R225       | 195       | R235       | 198       |
|            |           |            |           |            |           |            | 198       |            |           |            |           |            |           |
| R176       | 197       | R186       | 198       | R196       | 191       | R206       |           | R216       | 188       | R226       | 195       | R236       | 198       |
| R177       | 198       | R187       | 198       | R197       | 196       | R207       | 198       | R217       | 195       | R227       | 198       | R237       | 198       |
| R178       | 197       | R188       | 198       | R198       | 198       | R208       | 198       | R218       | 195       | R228       | 198       | R238       | 198       |
| R179       | 184       | R189       | 198       | R199       | 198       | R209       | 198       | R219       | 195       | R229       | 198       | R239       | 198       |
| R180       | 198       | R190       | 197       | R200       | 198       | R210       | 198       | R220       | 195       | R230       | 198       | R240       | 198       |

## RESISTOR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R241       | 198       |
| R242       | 198       |
| R243       | 198       |
| R244       | 198       |
| R245       | 186       |
| R246       | 203       |
| R247       | 189       |
| R248       | 189       |
| R249       | 189       |
| R250       | 189       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R251       | 189       |
| R252       | 189       |
| R253       | 198       |
| R254       | 198       |
| R255       | 198       |
| R256       | 198       |
| R257       | 198       |
| R258       | 198       |
| R259       | 198       |
| R260       | 198       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R261       | 198       |
| R262       | 198       |
| R263       | 198       |
| R264       | 198       |
| R265       | 198       |
| R266       | 198       |
| R267       | 198       |
| R268       | 196       |
| R269       | 183       |
| R270       | 183       |

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| R271       | 183       |
| R272       | 197       |
| R273       | 183       |
| R274       | 183       |
| R275       | 183       |
| R276       | 183       |
| R277       | 183       |
| R278       | 183       |

## VR

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| VR101      | 173       |
| VR102      | 172       |

## ZD

| SYMBOL NO. | INDEX NO. |
|------------|-----------|
| ZD101      | 120       |
| ZD102      | 120       |
| ZD103      | 120       |
| ZD104      | 120       |

## 20. MAIN BOARD (C225)

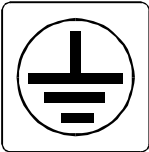
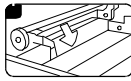
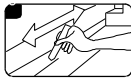
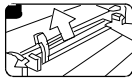
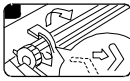
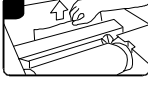
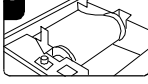
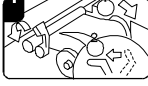
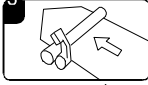
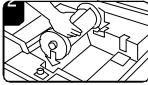
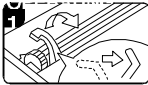
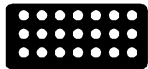
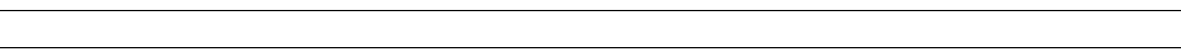
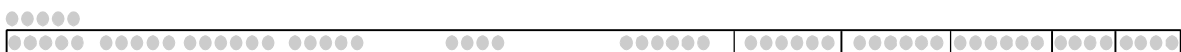
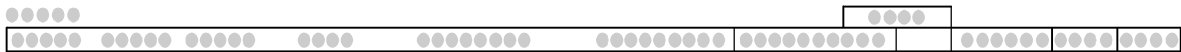
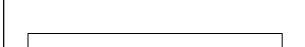
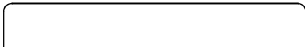
| Index No. | Part No.  | Description               | Q'ty Per Assembly |
|-----------|-----------|---------------------------|-------------------|
| *         | C225 8002 | Main Control Board - 115V | 1                 |
| *         | C225 8012 | Main Control Board - 230V | 1                 |
| 1         | C217 8007 | IC - TMS27C256-15JL       | 1                 |
| 2         | C225 8005 | IC - UVEPROM 512KX8 50NS  | 1                 |
| 3         | C225 8006 | IC - UVEPROM 256KX8 150NS | 1                 |
| 4         | 1905 0003 | UVEPROM - 256K-X8-150NS   | 1                 |
| 5         | C217 8050 | IC - MB606E80             | 1                 |
| 6         | C217 8060 | Heat Sink                 | 1                 |
| 7         | C222 8030 | IC - UPD65622GF-203-3B9   | 1                 |
| 101       | 1101 0328 | Connector Pin Contact     |                   |
| 102       | 1102 0874 | Connector - 5p            |                   |
| 103       | 1102 4201 | Connector - 2p            |                   |
| 104       | 1102 4207 | Connector - 8p            |                   |
| 105       | 1102 4818 | Connector - 20p           |                   |
| 106       | 1102 4819 | Connector - 22p           |                   |
| 107       | 1102 4821 | Connector - 26p           |                   |
| 108       | 1102 4823 | Connector - 30p           |                   |
| 109       | 1102 5009 | Connector - 26p           |                   |
| 110       | 1102 5552 | Connector - 1p            |                   |
| 111       | 1102 5553 | Connector - 1p            |                   |
| 112       | 1103 1098 | Connector - 9p            |                   |
| 113       | 1104 0564 | Fuse Socket               |                   |
| 114       | 1104 0588 | Dip Socket - 28p          |                   |
| 115       | 1107 0555 | Fuse - 4A SEMKO           |                   |
| 115       | 1107 0727 | Fuse - K19374/4A          |                   |

| Index No. | Part No.  | Description                     | Q'ty Per Assembly |
|-----------|-----------|---------------------------------|-------------------|
| 116       | 1107 0741 | Fuse - K19372/630mA             |                   |
| 116       | 1107 0771 | Fuse - 630ma 250V               |                   |
| 117       | 1204 1542 | Dip Switch                      |                   |
| 118       | 1204 1543 | Dip Switch                      |                   |
| 119       | 1401 0398 | IC - STA402A                    |                   |
| 120       | 1401 0785 | Diode - 15V 1W                  |                   |
| 121       | 1401 0822 | Diode - 1SS137                  |                   |
| 122       | 1401 0835 | Diode - 1SS190                  |                   |
| 123       | 1401 0876 | IC - PA2003GR                   |                   |
| 124       | 1401 0877 | IC - TD62083F                   |                   |
| 125       | 1401 0985 | Transistor Array - TD62064F     |                   |
| 126       | 1402 0110 | Diode - V06C                    |                   |
| 127       | 1402 1032 | Diode                           |                   |
| 128       | 1403 0238 | IC - TLP521                     |                   |
| 129       | 1403 0404 | Light Emitting Diode - SEL2110R |                   |
| 130       | 1407 0673 | IC - TC4528BP                   |                   |
| 131       | 1407 1740 | IC - SN74LS27NS                 |                   |
| 132       | 1407 1741 | TTLIC - SN74LS32NS              |                   |
| 133       | 1407 1880 | IC - SN74LS04NS                 |                   |
| 134       | 1407 1882 | IC - 74LS737                    |                   |
| 135       | 1407 2052 | IC - SN74LSANS                  |                   |
| 136       | 1407 2057 | IC - 82C55AFP-5                 |                   |
| 137       | 1407 2058 | IC - 82C54FP-6                  |                   |
| 138       | 1407 2077 | IC - SN74LS138NS                |                   |
| 139       | 1407 2081 | IC - SN74LS08NS                 |                   |
| 140       | 1407 2187 | IC - SN74LS07NS                 |                   |
| 141       | 1407 2218 | IC - SN74LS06NS                 |                   |
| 142       | 1407 2247 | IC - SN74LS164NS                |                   |
| 143       | 1407 2273 | IC - TA8050P                    |                   |
| 144       | 1407 2417 | TTL - IC - SN74LS240M           |                   |
| 145       | 1407 2510 | IC - D78C10G                    |                   |
| 146       | 1407 2852 | IC - LH5116N                    |                   |
| 147       | 1407 3128 | IC - SN74LS19NS                 |                   |
| 148       | 1407 3627 | IC - SN74LS145NS                |                   |
| 149       | 1407 3701 | IC - TMP82C79M-2                |                   |

| Index No. | Part No.  | Description                                  | Q'ty Per Assembly |
|-----------|-----------|----------------------------------------------|-------------------|
| 150       | 1407 3894 | IC - MB8464A-10LPF                           |                   |
| 151       | 1407 4094 | IC - SLA5015                                 |                   |
| 152       | 1407 4095 | IC - LSA5011                                 |                   |
| 153       | 1407 4140 | IC - M5266P                                  |                   |
| 154       | 1407 4192 | IC - SN74LS244M                              |                   |
| 155       | 1407 4377 | IC - SN74KS122M                              |                   |
| 156       | 1407 4387 | IC - SN74LS241M                              |                   |
| 157       | 1407 4528 | IC - CY7C167A-35PC                           |                   |
| 158       | 1408 0537 | IC - TL7705CPS                               |                   |
| 159       | 1408 0539 | IC - N51847P                                 |                   |
| 160       | 1408 0664 | IC - MPC78N12H                               |                   |
| 161       | 1408 0790 | IC - UPC324G                                 |                   |
| 162       | 1408 0880 | IC - IR2339N                                 |                   |
| 163       | 1408 1001 | IC - MPC78N05H                               |                   |
| 164       | 1408 1013 | IC - Si - 7501                               |                   |
| 165       | 1503 0068 | Oscillator - 4MHz                            |                   |
| 166       | 1503 0347 | Oscillator - 12MHz                           |                   |
| 167       | 1600 1680 | Variable Resistor - 0.33 $\Omega$ 5W         |                   |
| 168       | 1601 7374 | Resistor Array - 4.7K $\Omega$               |                   |
| 169       | 1601 7376 | Resistor Array - 10K $\Omega$ $\pm 5\%$ 1/8W |                   |
| 170       | 1601 7377 | Resistor Array - 15K $\Omega$ $\pm 5\%$ 1/8W |                   |
| 171       | 1601 7404 | Resistor Array - 10K $\Omega$ 1/2W           |                   |
| 172       | 1601 8137 | Variable Resistor - 1K $\Omega$              |                   |
| 173       | 1601 8148 | Variable Resistor - 20K $\Omega$ 0.5W        |                   |
| 174       | 1602 7046 | Filter - DSS306-55B151M100                   |                   |
| 175       | 1606 0995 | Capacitor - 10PF 50V                         |                   |
| 176       | 1606 1915 | Capacitor - 0.0022 $\mu$ F                   |                   |
| 177       | 1607 0001 | Coil - Sn-8s-500                             |                   |
| 178       | 1611 6102 | Resistor - 1K $\Omega$ 1/2T $\pm 5\%$        |                   |
| 179       | 1611 6300 | Resistor - 130 $\Omega$ 1/2T 5%              |                   |
| 180       | 1630 2151 | Resistor - 1.5K $\Omega$ 1/8W $\pm 5\%$      |                   |
| 181       | 1630 2241 | Resistor - 240 $\Omega$                      |                   |
| 182       | 1630 2332 | Resistor - 3.3K $\Omega$ 1/8W $\pm 5\%$      |                   |
| 183       | 1630 3102 | Resistor - 1K $\Omega$ 1/10W $\pm 5\%$       |                   |

| Index No. | Part No.  | Description                               | Q'ty Per Assembly |
|-----------|-----------|-------------------------------------------|-------------------|
| 184       | 1630 3103 | Resistor - 10K $\Omega$ 1/10W $\pm 5\%$   |                   |
| 185       | 1630 3104 | Resistor - 100K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 186       | 1630 3122 | Resistor - 1.2K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 187       | 1630 3163 | Resistor - 16K $\Omega$ 1/10W $\pm 5\%$   |                   |
| 188       | 1630 3165 | Resistor - 1.6K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 189       | 1630 3202 | Resistor - 2K $\Omega$ 1/10W              |                   |
| 190       | 1630 3220 | Resistor - 22 $\Omega$ $\pm 5\%$ 1/10W    |                   |
| 191       | 1630 3223 | Resistor - 22K $\Omega$ -1/10W            |                   |
| 192       | 1630 3244 | Resistor - 240K $\Omega$ $\pm 5\%$ 1/10W  |                   |
| 193       | 1630 3303 | Resistor - 30K $\Omega$ $\pm 5\%$ 1/10W   |                   |
| 194       | 1630 3330 | Resistor - 33 $\Omega$ $\pm 5\%$ 1/10W    |                   |
| 195       | 1630 3331 | Resistor - 330 $\Omega$ $\pm 5\%$ 1/10W   |                   |
| 196       | 1630 3333 | Resistor - 33K $\Omega$ $\pm 5\%$ 1/10W   |                   |
| 197       | 1630 3471 | Resistor - 470 $\Omega$ - 1/10W           |                   |
| 198       | 1630 3472 | Resistor - 4.7K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 199       | 1630 3473 | Resistor - 47K $\Omega$ 1/10W $\pm 5\%$   |                   |
| 200       | 1630 3514 | Resistor - 510K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 201       | 1630 3562 | Resistor - 5.6K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 202       | 1630 3624 | Resistor - 620K $\Omega$ 1/10W $\pm 5\%$  |                   |
| 203       | 1633 6981 | Resistor - 6.98K $\Omega$ $\pm 1\%$ 1/10W |                   |
| 204       | 1640 5100 | Capacitor - 10 $\mu$ F $\pm 20\%$ 50V     |                   |
| 205       | 1640 5101 | Capacitor - 100 $\mu$ F $\pm 20\%$ 50V    |                   |
| 206       | 1640 5470 | Capacitor - 47 $\mu$ F $\pm 20\%$ 50V     |                   |
| 207       | 1643 2479 | Capacitor - 4.7 $\mu$ F $\pm 20\%$ 25V    |                   |
| 208       | 1643 5109 | Capacitor - 1 $\mu$ F $\pm 20\%$ 50V      |                   |
| 209       | 1643 5229 | Capacitor - 2.2 $\mu$ F $\pm 20\%$ 50V    |                   |
| 210       | 1660 3101 | Capacitor - 100pf 50V                     |                   |
| 211       | 1660 3102 | Capacitor - 1000pf $\pm 5\%$ 50V          |                   |
| 212       | 1660 3151 | Capacitor - 150pf $\pm 5\%$ 50V           |                   |
| 213       | 1660 3471 | Capacitor - 470pf 50V                     |                   |
| 214       | 1660 3681 | Capacitor - 680pf $\pm 5\%$ 50V           |                   |
| 215       | 1660 5103 | Capacitor - 10000pf $\pm 10\%$ 50V        |                   |
| 216       | 1660 9104 | C - 0.1 $\mu$ F 25V                       |                   |

21. DECAL AND DOCUMENT (C225)

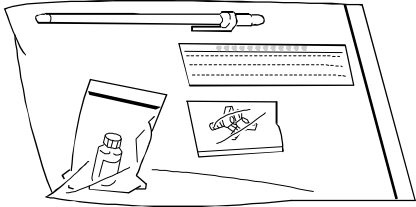
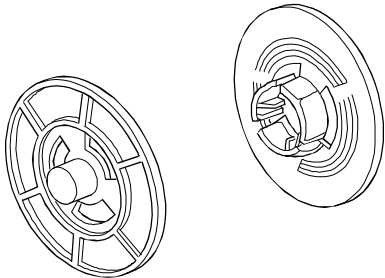
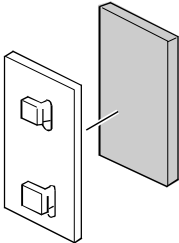
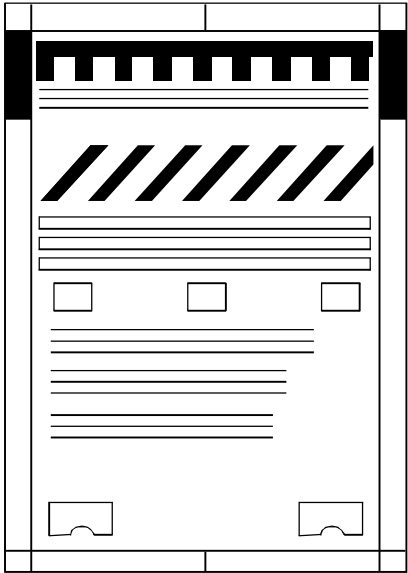
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>2</p> <div data-bbox="604 320 663 703"><p>ON</p><p>OFF</p></div> | <p>3</p> <div data-bbox="866 303 1568 357"></div> <p>4</p> <div data-bbox="866 585 1583 705"></div> | <p>5</p> <div data-bbox="1796 220 1968 863"></div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>6</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>7</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p>8</p> <div data-bbox="324 1074 1550 1412"></div> <div data-bbox="367 1347 1509 1386"></div> |                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>9</p> <div data-bbox="1733 951 2036 1406"></div> |

## 21. DECAL AND DOCUMENT (C225)

| Index No. | Part No.  | Description                                   | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------------------|-------------------|
| 1         | AA00 1190 | Decal - Ground                                | 1                 |
| 2         | C217 2514 | Decal - Main Switch                           | 1                 |
| 3         | C217 2519 | Decal - Counter                               | 1                 |
| 5         | C217 2542 | Decal - Master Setting                        | 1                 |
| 6         | C217 2524 | Decal - Original Size                         | 1                 |
| 7         | C225 2525 | Decal - Paper Size                            | 1                 |
| 8         | C217 2532 | Multi Decal                                   | 1                 |
| 9         | C225 8647 | Operating Instructions - LT English (AB Dick) | 1                 |
| 9         | C225 8690 | Operating Instructions - A4 English (NRG)     | 1                 |
| 9         | C225 8697 | Operating Instructions - LT English (NRG)     | 1                 |

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

22. ACCESSORIES AND SPECIAL TOOLS (C225)

|                                                                                             |                                                                                             |                                                                                              |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <p>1</p>   | <p>2</p>  | <p>3</p>  |
| <p>4</p>  |                                                                                             |                                                                                              |

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