

**DF60 (A376)**

# PARTS CATALOG

## INTRODUCTION

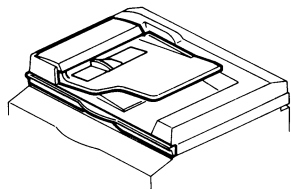
This chapter instructs you the numbers and names of this parts on this machine.

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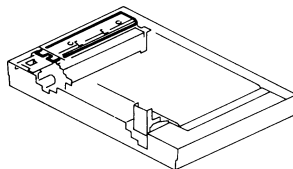
## LOCATION OF UNIT

### 1. EXTERIOR (A376)



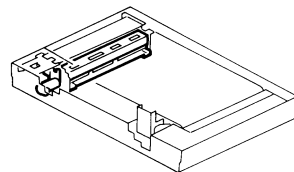
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### 2. ORIGINAL FEED SECTION 1 (A376)



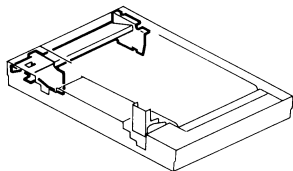
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### 3. ORIGINAL FEED SECTION2 (A376)



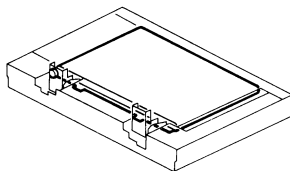
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### 4. ORIGINAL FEED SECTION 3 (A376)



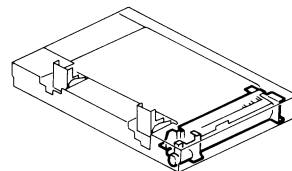
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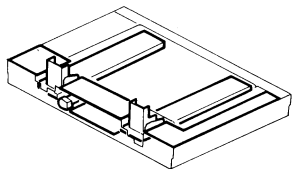
### 6. INVERTER AND EXIT SECTION (A376)



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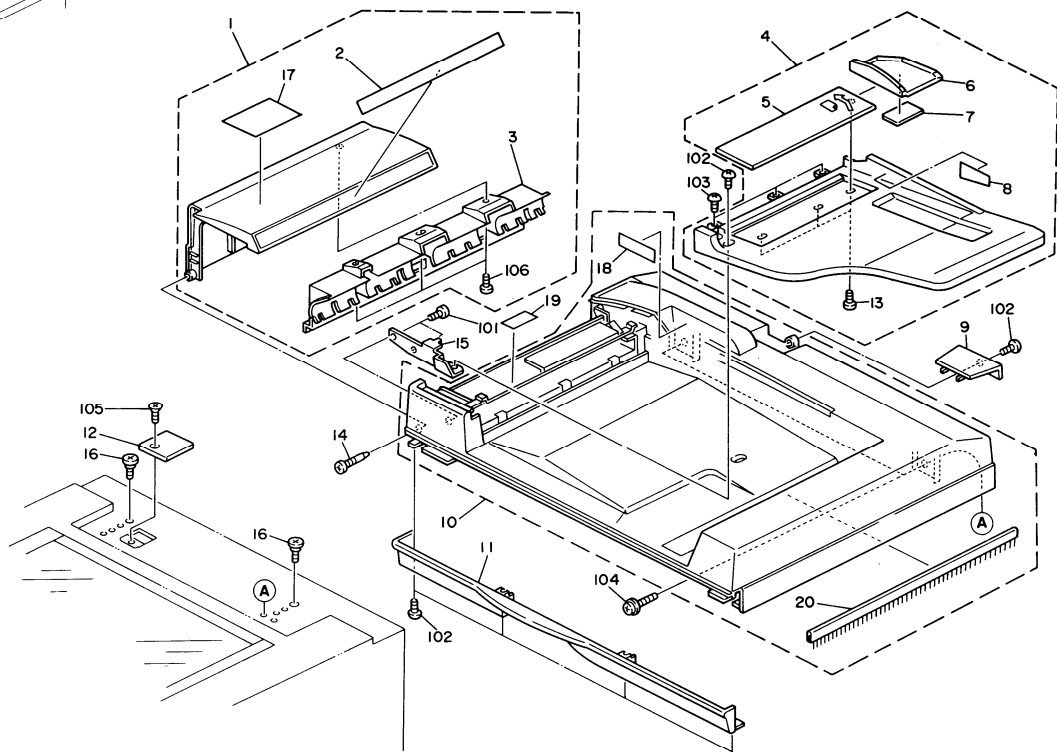
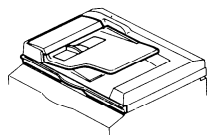
## LOCATION OF UNIT

### 7. ELECTRICAL SECTION (A376)



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# 1. EXTERIOR (A376)



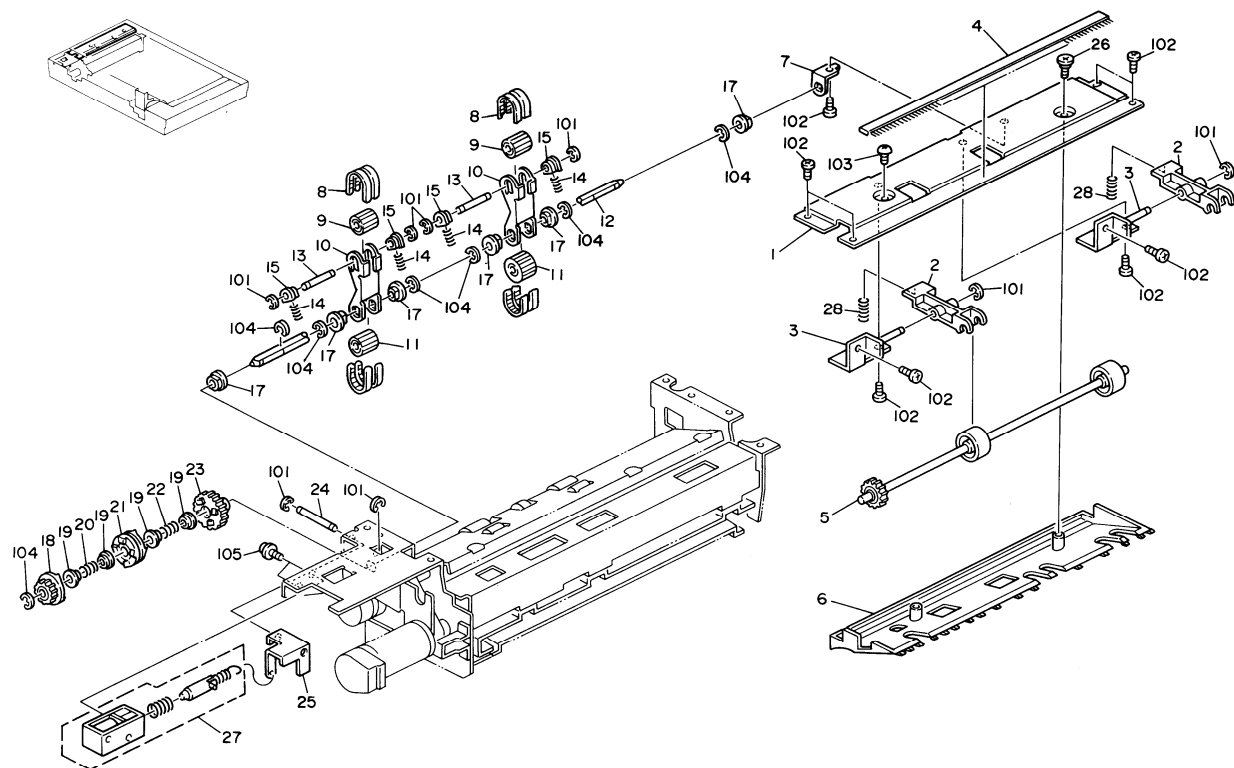
## 1. EXTERIOR (A376)

| Index No. | Part No.  | Description                | Q'ty Per Assembly |
|-----------|-----------|----------------------------|-------------------|
| 1         | A376 4543 | Left Cover - LT            | 1                 |
| 1         | A376 4541 | Left Cover - A4            | 1                 |
| 2         | A376 6016 | Decal - Original Size - LT | 1                 |
| 2         | A376 6011 | Decal - Original Size - A4 | 1                 |
| 3         | A376 1261 | Inverter Guide             | 1                 |
| 4         | A376 4561 | Original Table             | 1                 |
| 5         | A376 4581 | Side Fence Rail            | 1                 |
| 6         | A376 4591 | Side Fence                 | 1                 |
| 7         | A376 4599 | Side Fence Pad             | 1                 |
| 8         | A376 6021 | Decal - Original Table     | 1                 |
| 9         | A376 4611 | Main Board Cover           | 1                 |
| 10        | A376 4501 | Upper Cover                | 1                 |
| 11        | A376 4521 | Front Lower Cover          | 1                 |
| 12        | A096 1281 | Rear Top Cover             | 1                 |
| 13        | 5875 2088 | Shoulder Screw - M4        | 3                 |
| 14        | 5446 2824 | Screw - Duplex Guide Plate | 2                 |
| 15        | A376 4125 | Grip Bracket               | 1                 |
| 16        | A376 4911 | Stepped Screw - Left Hinge | 2                 |
| 17        | A376 6031 | Decal - Misfeed Removal    | 1                 |
| 18        | A376 4651 | Indicator Panel            | 1                 |
| 19        | A376 6051 | Decal - Paper Feed Guide   | 1                 |
| 20        | A376 3242 | Antistatic Brush           | 1                 |

| Index No. | Part No.   | Description                        | Q'ty Per Assembly |
|-----------|------------|------------------------------------|-------------------|
| 101       | 0314 0060B | Philips Pan Head Screw - M4x6      |                   |
| 102       | 0344 0060F | Philips Truss Head Screw - M4x6    |                   |
| 103       | 0344 0080F | Philips Truss Head Screw - M4x8    |                   |
| 104       | 0951 5010B | Philips Screw With Washer - M5x10  |                   |
| 105       | 0972 4006W | Philips Polycarbonate Screw - M4x6 |                   |
| 106       | 0354 0060B | Screw - M4x6                       |                   |



## 2. ORIGINAL FEED SECTION 1 (A376)

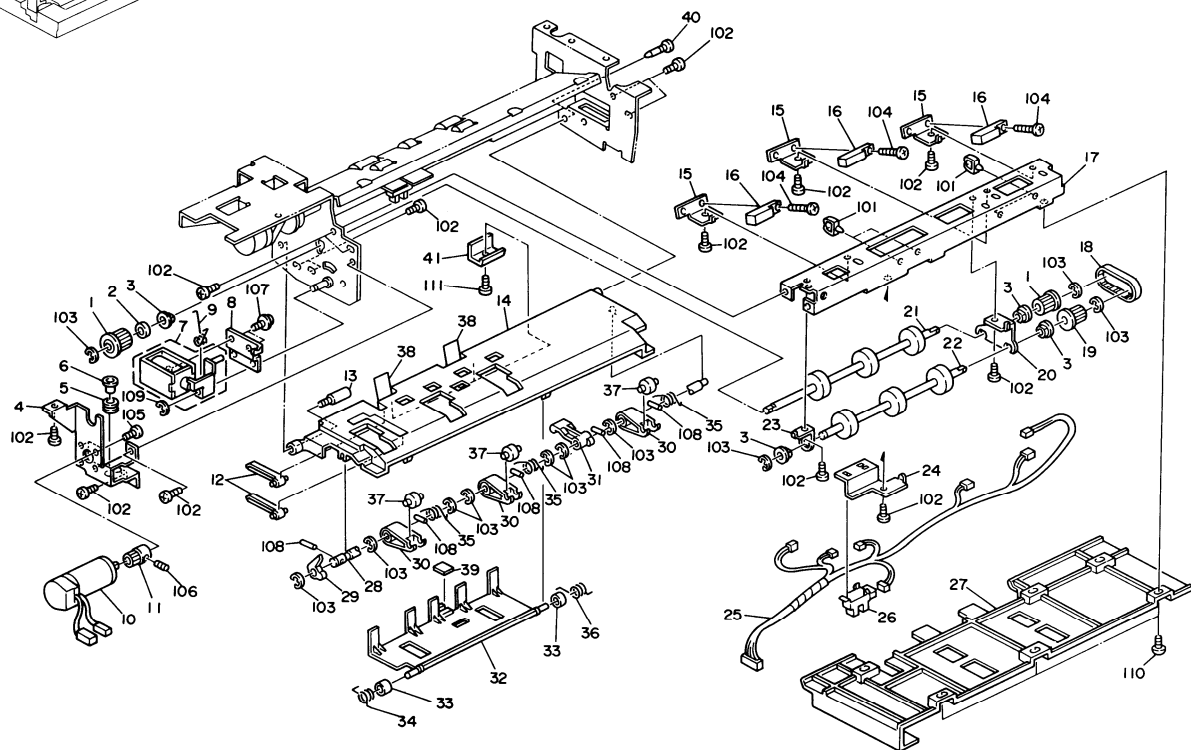
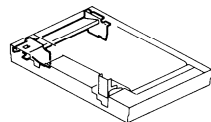


## 2. ORIGINAL FEED SECTION 1 (A376)

| Index No. | Part No.  | Description                    | Q'ty Per Assembly |
|-----------|-----------|--------------------------------|-------------------|
| 1         | A376 1235 | Original Feed-out Stay         | 1                 |
| 2         | A376 1565 | Idle Roller Arm                | 2                 |
| 3         | A376 1223 | Bracket -idle Roller Arm       | 2                 |
| 4         | AA12 0032 | Antistatic Brush               | 1                 |
| 5         | A376 1561 | Idle Roller                    | 1                 |
| 6         | A376 1211 | Lower Guide Plate              | 1                 |
| 7         | A376 1215 | Shaft Holder                   | 1                 |
| 8         | A376 9501 | Separation Belt - 4pcs/set     | 2                 |
| 9         | A376 1476 | Timing Pulley-27Z              | 2                 |
| 10        | A376 1479 | Transport Belt Bracket         | 2                 |
| 11        | A376 1477 | Timing Pulley-27Z              | 2                 |
| 12        | A376 1499 | Friction Belt Drive Shaft      | 1                 |
| 13        | A376 1483 | Driven Shaft-Friction Belt     | 2                 |
| 14        | A376 1473 | Pressure Spring- Friction Belt | 4                 |
| 15        | A458 2161 | Bushing-6x8x6                  | 4                 |
| 16        | 5447 2681 | Snap Ring                      | 4                 |
| 17        | 5053 0447 | Bushing-6mm                    | 6                 |
| 18        | A376 1504 | Gear-24Z                       | 1                 |
| 19        | A376 1519 | Spring Collar                  | 4                 |
| 20        | A376 1518 | Pressure Spring- Clutch Gear   | 1                 |
| 21        | A376 1512 | Clutch Disk                    | 1                 |
| 22        | A376 1517 | Pressure Spring - Clutch Gear  | 1                 |
| 23        | A376 1496 | Clutch Gear                    | 1                 |
| 24        | A376 1537 | Lever Shaft                    | 1                 |
| 25        | A376 1521 | Solenoid Lever - Friction Belt | 1                 |
| 26        | AA14 3062 | Shoulder Screw - M4            | 1                 |
| 27        | A376 1535 | DC Solenoid - 24V 850GF        | 1                 |
| 28        | A376 1567 | Arm Pressure Spring            | 2                 |

| Index No. | Part No.   | Description                           | Q'ty Per Assembly |
|-----------|------------|---------------------------------------|-------------------|
| 101       | 0720 0030B | Retaining Ring - M3                   |                   |
| 102       | 0314 0060B | Philips Pan Head Screw - M4x6         |                   |
| 103       | 0344 0060F | Philips Truss Head Screw - M4x6       |                   |
| 104       | 0720 0040B | Retaining Ring - M4                   |                   |
| 105       | 0951 3004B | Philips Screw With Flat Washer - M3x4 |                   |

### 3. ORIGINAL FEED SECTION 2 (A376)

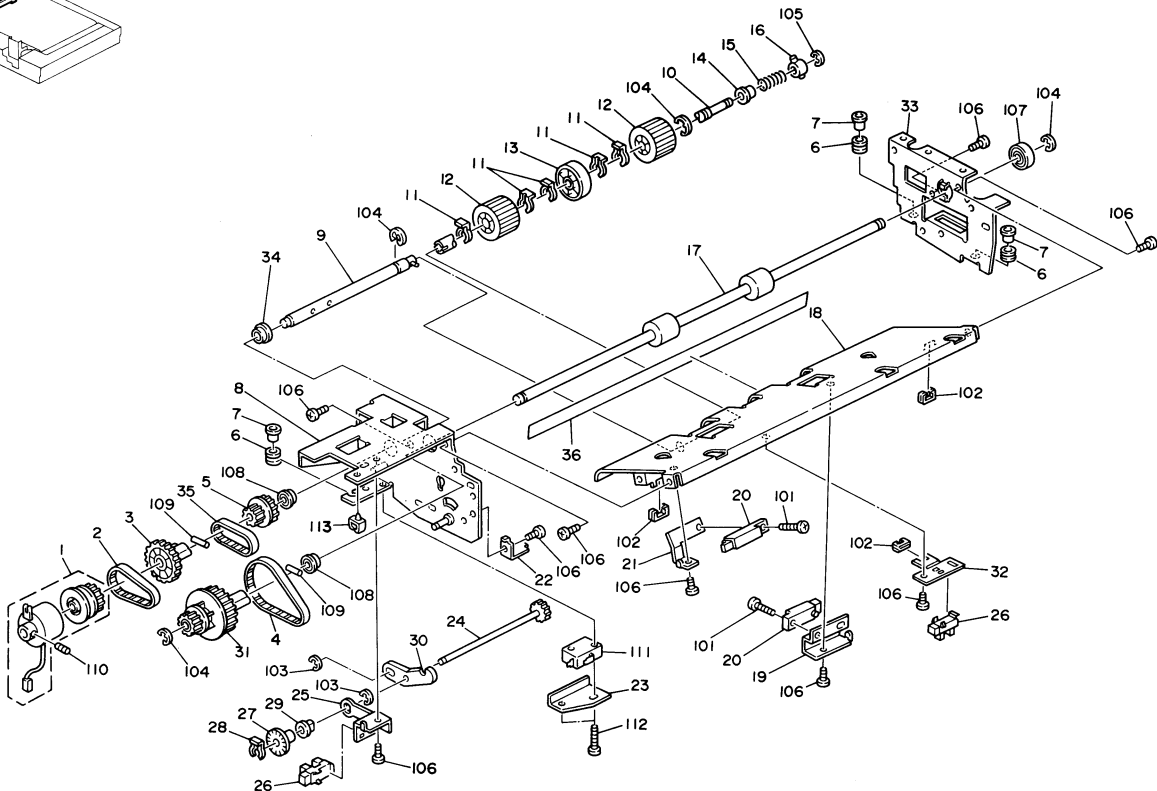
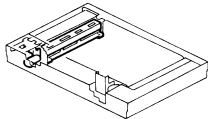


### 3. ORIGINAL FEED SECTION 2 (A376)

| Index No. | Part No.  | Description                       | Q'ty Per Assembly |
|-----------|-----------|-----------------------------------|-------------------|
| 1         | A376 1291 | Rear Timing Pulley                | 2                 |
| 2         | A376 1295 | Spacer - M6x10X5                  | 1                 |
| 3         | 5053 0447 | Bushing - 6mm                     | 4                 |
| 4         | A376 1139 | Feed-in Motor Bracket             | 1                 |
| 5         | A376 4132 | Cushion - T1,6                    | 1                 |
| 6         | A376 4137 | Cushion Collar                    | 1                 |
| 7         | A376 1384 | Rear Lever - Original Stopper     | 1                 |
| 8         | A376 1385 | Stopper Solenoid Bracket          | 1                 |
| 9         | A376 1382 | Release Spring                    | 1                 |
| 10        | AX06 0082 | Belt Drive Motor - DC19W          | 1                 |
| 11        | A376 1615 | Timing Pulley - 22Z               | 1                 |
| 12        | A376 1259 | Sensor Feeler                     | 2                 |
| 13        | A469 3350 | Guide Stud                        | 1                 |
| 14        | A376 1250 | Upper Registration Guide          | 1                 |
| 15        | A376 1189 | Right Bracket - Paper Size Sensor | 3                 |
| 16        | AW01 0027 | Photosensor - ON2530 CT           | 3                 |
| 17        | A376 1141 | Upper Paper Feed Stay             | 1                 |
| 18        | A376 1319 | Timing Belt - B60S2M98            | 1                 |
| 19        | A376 1292 | Front Timing Pulley               | 1                 |
| 20        | A376 1145 | Front Bracket - Pick-up Roller    | 1                 |
| 21        | A376 1311 | Rear Pick-up Roller               | 1                 |
| 22        | A376 1283 | Pick-up Roller                    | 1                 |
| 23        | A376 1149 | Pick-up Relay Roller Bracket      | 1                 |
| 24        | A376 1147 | Original Sensor Bracket           | 1                 |
| 25        | A376 5751 | Sensor Harness                    | 1                 |
| 26        | AW02 0021 | Photointerruptor - 175487-3       | 1                 |
| 27        | A376 1245 | Entrance Original Guide           | 1                 |
| 28        | A376 1331 | Original Pressure Shaft           | 1                 |
| 29        | A376 1363 | Front Lever - Original Stopper    | 1                 |
| 30        | A376 1347 | Original Pressure Arm             | 3                 |
| 31        | A376 1355 | Original Stopper Arm              | 1                 |
| 32        | A376 1255 | Original Stopper                  | 1                 |
| 33        | A376 1257 | Spacer - M4x6x6                   | 2                 |
| 34        | A376 1265 | Pressure Spring                   | 1                 |
| 35        | A376 1335 | Release Spring                    | 3                 |

| Index No.                                                                         | Part No.   | Description                         | Q'ty Per Assembly |
|-----------------------------------------------------------------------------------|------------|-------------------------------------|-------------------|
| 36                                                                                | A376 1264  | Pressure Spring                     | 1                 |
| 37                                                                                | A376 1343  | Original Pressure Roller            | 3                 |
| 38                                                                                | A376 1252  | Feed Roller Guide                   | 2                 |
| 39                                                                                | A376 3541  | Solenoid Cushion                    | 1                 |
| 40                                                                                | 5446 2824  | Screw - Duplex Guide Plate          | 1                 |
| 41                                                                                | A376 1253  | Holder - Feed Roller Guide          | 2                 |
|  |            |                                     |                   |
| 101                                                                               | 1105 0229  | Clamp                               |                   |
| 102                                                                               | 0314 0060B | Philips Pan Head Screw - M4x6       |                   |
| 103                                                                               | 0720 0040B | Retaining Ring - M4                 |                   |
| 104                                                                               | 0313 0100B | Philips Pan Head Screw - M3x10      |                   |
| 105                                                                               | 0313 0060B | Philips Pan Head Screw - M3x6       |                   |
| 106                                                                               | 0574 0050E | Hexagon Headless Set Screw - M4x5   |                   |
| 107                                                                               | 0951 3006B | Philips Screw With Flat Washer-M3x6 |                   |
| 108                                                                               | 0632 0100  | Parallel Pin - M2x10                |                   |
| 109                                                                               | 0720 0030B | Retaining Ring - M3                 |                   |
| 110                                                                               | 0344 0080F | Philips Truss Head Screw - M4x8     |                   |
| 111                                                                               | 0414 0082B | Binding Self Tapping Screw - M4x8   |                   |

4. ORIGINAL FEED SECTION 3 (A376)



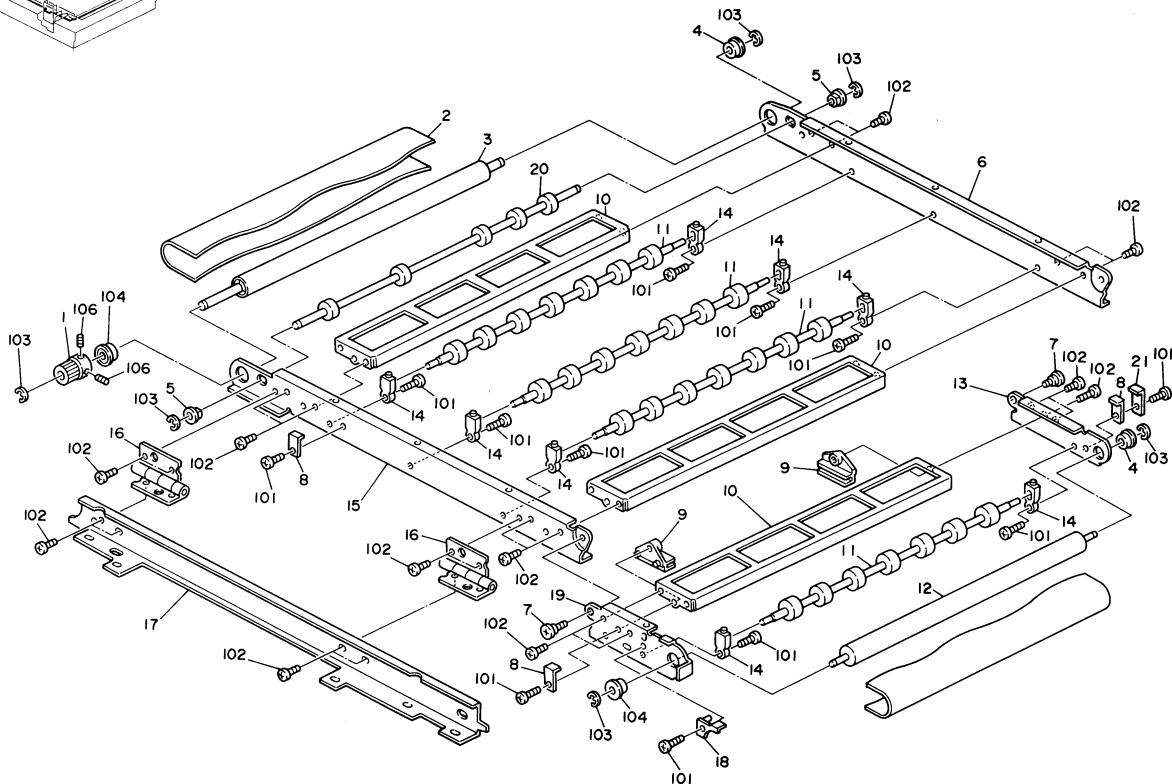
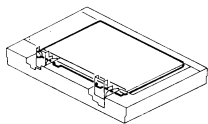
#### 4. ORIGINAL FEED SECTION 3 (A376)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | A376 1427 | Feed-in Clutch                   | 1                 |
| 2         | A376 1553 | Timing Belt - B60S3M144          | 1                 |
| 3         | A376 1432 | Gear - Z46                       | 1                 |
| 4         | A376 1623 | Timing Belt - B60S2M186          | 1                 |
| 5         | A376 1419 | Timing Pulley - 22Z/23Z          | 1                 |
| 6         | A376 4131 | Cushion - T1                     | 3                 |
| 7         | A376 4137 | Cushion Collar                   | 3                 |
| 8         | A376 1121 | Rear Side Plate                  | 1                 |
| 9         | A376 1415 | Feed Roller Drive Shaft          | 1                 |
| 10        | A376 1457 | Feed Roller Driven Shaft         | 1                 |
| 11        | 5215 2621 | Snap Ring - M6                   | 5                 |
| 12        | A376 1445 | Feed Roller                      | 2                 |
| 13        | A376 1447 | Middle Feed Roller               | 1                 |
| 14        | A376 1465 | Feed Roller Bushing              | 1                 |
| 15        | A376 1467 | Feed Roller Pressure Spring      | 1                 |
| 16        | A376 1461 | Feed Roller Bushing              | 1                 |
| 17        | A376 1545 | Idle Roller                      | 1                 |
| 18        | A376 1160 | Inner Separation Guide           | 1                 |
| 19        | A376 1197 | Left Bracket - Paper Size Sensor | 1                 |
| 20        | AW01 0027 | Photosensor - ON2530 CT          | 2                 |
| 21        | A376 1193 | Registration Sensor Bracket      | 1                 |
| 22        | A376 1137 | Magnet Catch Bracket             | 1                 |
| 23        | A376 1134 | Safety Switch Bracket            | 1                 |
| 24        | A376 1589 | Encoder Shaft                    | 1                 |
| 25        | A376 1597 | Encoder Bracket                  | 1                 |
| 26        | AW02 0021 | Photointerruptor - 175487-3      | 2                 |
| 27        | A376 1585 | Encoder                          | 1                 |
| 28        | 5206 2686 | Snap Ring                        | 1                 |
| 29        | H014 2131 | Bushing - M4                     | 1                 |
| 30        | A376 1593 | Encoder Arm                      | 1                 |
| 31        | A376 1549 | Timing Pulley - 60Z/20Z          | 1                 |
| 32        | A376 1195 | Registration Sensor Bracket      | 1                 |
| 33        | A376 1115 | Front Side Plate                 | 1                 |
| 34        | 5053 0223 | Bushing - 8mm                    | 1                 |
| 35        | A376 1423 | Timing Belt - B60S2M126          | 1                 |



| Index No. | Part No.   | Description                       | Q'ty Per Assembly |
|-----------|------------|-----------------------------------|-------------------|
| 36        | A376 1187  | Separation Guide Mylar            | 1                 |
| 101       | 0313 0100B | Philips Pan Head Screw - M3x10    |                   |
| 102       | 1105 0328  | Harness Clamp - ES-0505           |                   |
| 103       | 0720 0030B | Retaining Ring - M3               |                   |
| 104       | 0720 0060B | Retaining Ring - M6               |                   |
| 105       | 0720 0040B | Retaining Ring - M4               |                   |
| 105       | 0720 0040B | Retaining Ring - M4               |                   |
| 106       | 0314 0060B | Philips Pan Head Screw - M4x6     |                   |
| 107       | 0740 3008  | Ball Bearing - 8x22x7             |                   |
| 108       | 0742 3808  | Ball Bearing - 8x16x5             |                   |
| 109       | 0632 0120  | Parallel Pin - M2x12              |                   |
| 110       | 0574 0050E | Hexagon Headless Set Screw - M4x5 |                   |
| 111       | 1204 1123  | Microswitch                       |                   |
| 112       | 0313 0140B | Philips Pan Head Screw - M3x14    |                   |
| 113       | 1105 0310  | Wire Clamp                        |                   |

5. TRANSPORT SECTION (A376)

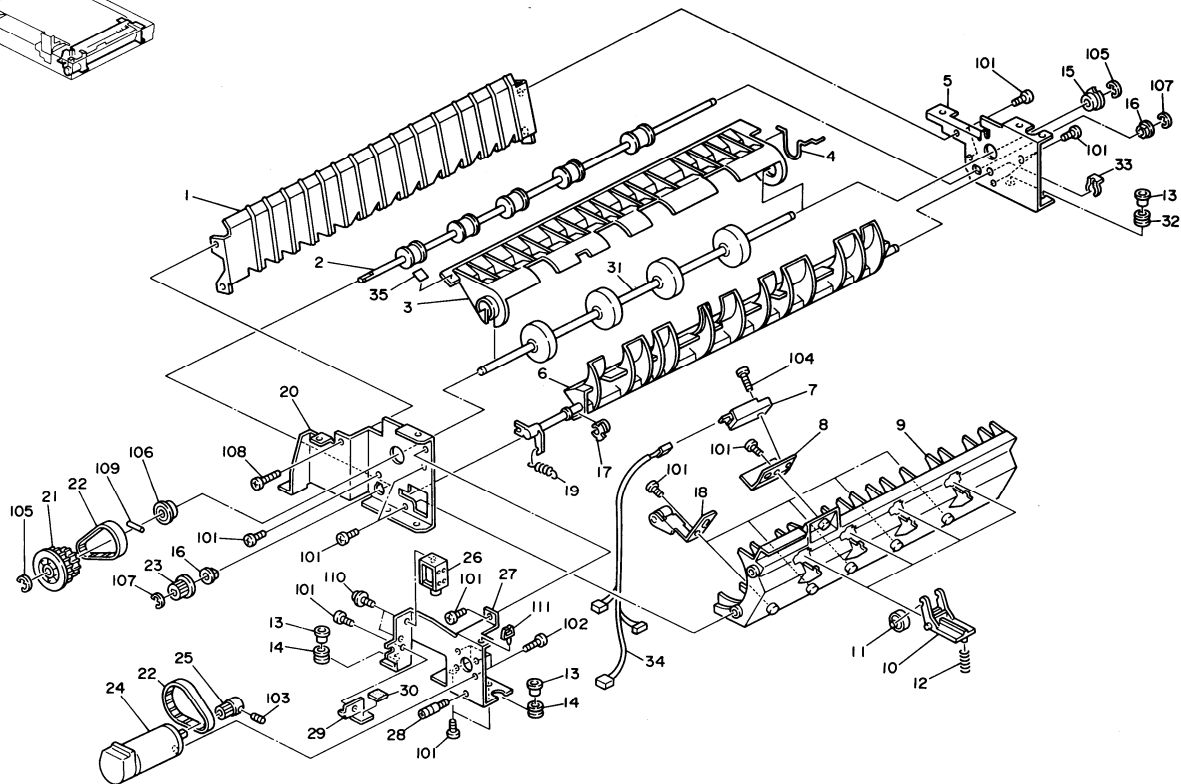
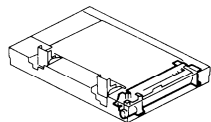


5. TRANSPORT SECTION (A376)

| Index No. | Part No.  | Description                  | Q'ty Per Assembly |
|-----------|-----------|------------------------------|-------------------|
| 1         | A376 2521 | Timing Pulley - 20Z          | 1                 |
| 2         | A376 2195 | Transport Belt               | 1                 |
| 3         | A376 2091 | Belt Drive Roller            | 1                 |
| 4         | A422 1078 | Bushing - 6x12x4mm           | 2                 |
| 5         | 5053 0447 | Bushing - 6mm                | 2                 |
| 6         | A376 2117 | Front Side Plate             | 1                 |
| 7         | AA14 3062 | Shoulder Screw - M4          | 2                 |
| 8         | A376 2155 | Transport Unit Upper Stopper | 3                 |
| 9         | A376 2147 | Transport Belt Guide         | 2                 |
| 10        | A376 2128 | Transport Stay               | 3                 |
| 11        | A376 2096 | Belt Pressure Roller         | 4                 |
| 12        | A376 2132 | Belt Driven Roller           | 1                 |
| 13        | A376 2152 | Front Tension Bracket        | 1                 |
| 14        | A376 2163 | Pressure Roller Bushing      | 8                 |
| 15        | A376 2125 | Rear Side Plate              | 1                 |
| 16        | A376 2211 | Transport Unit Hinge         | 2                 |
| 17        | A376 4121 | Rear Frame                   | 1                 |
| 18        | A376 2157 | Transport Unit Rear Stopper  | 1                 |
| 19        | A376 2156 | Rear Tension Bracket         | 1                 |
| 20        | A376 2092 | Belt Support Roller          | 1                 |
| 21        | A376 2158 | Stopper Spacer               | 1                 |

| Index No. | Part No.   | Description                   | Q'ty Per Assembly |
|-----------|------------|-------------------------------|-------------------|
| 101       | 0314 0080B | Philips Pan Head Screw - M4x8 |                   |
| 102       | 0314 0060B | Philips Pan Head Screw - M4x6 |                   |
| 103       | 0720 0040B | Retaining Ring - M4           |                   |
| 104       | 0742 3808  | Ball Bearing - 8x16x5         |                   |

## 6. INVERTER AND EXIT SECTION (A376)

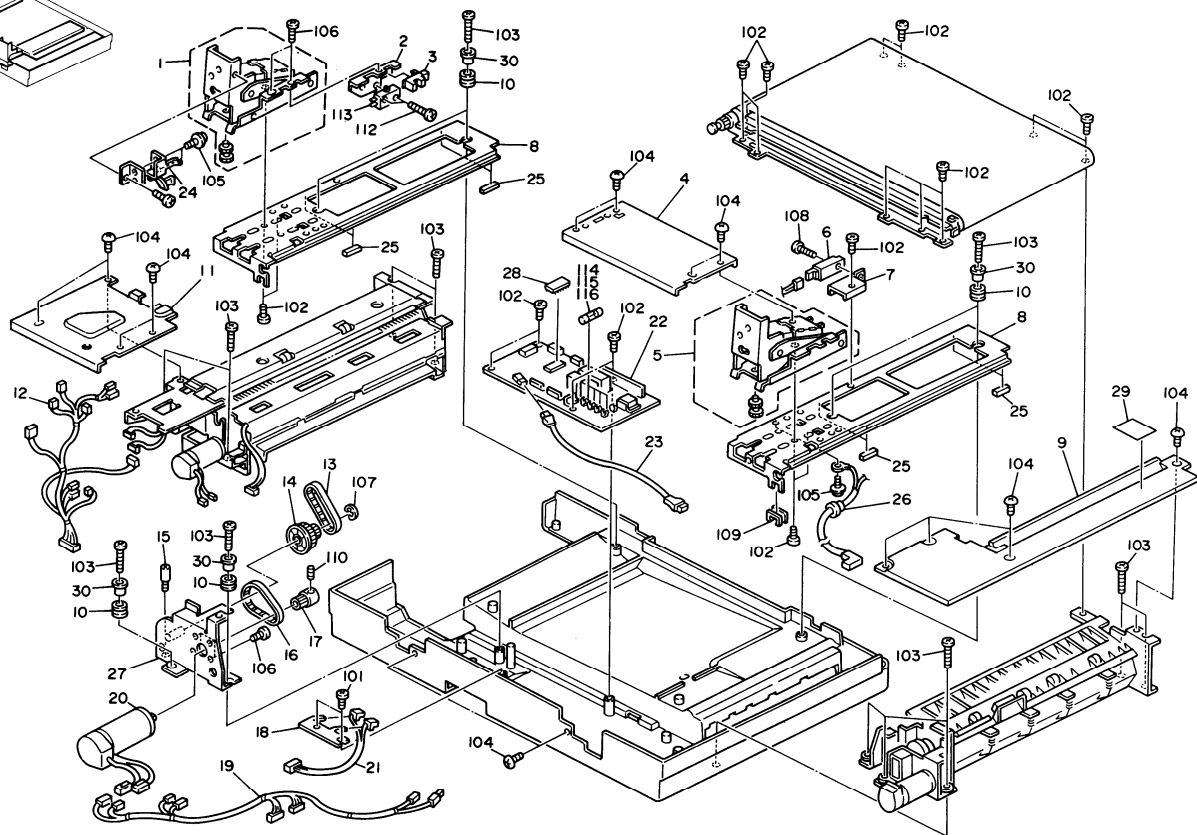


## 6. INVERTER AND EXIT SECTION (A376)

| Index No. | Part No.  | Description                      | Q'ty Per Assembly |
|-----------|-----------|----------------------------------|-------------------|
| 1         | A376 3145 | Inverter Guide Plate             | 1                 |
| 2         | A376 3126 | Feed-out Roller                  | 1                 |
| 3         | A376 3137 | Inverter Guide                   | 1                 |
| 4         | A376 3537 | Inverter Guide Spring            | 1                 |
| 5         | A376 3111 | Front Side Plate                 | 1                 |
| 6         | A376 3142 | Inverter Pawl                    | 1                 |
| 7         | AW01 0027 | Photosensor - ON2530 CT          | 1                 |
| 8         | A376 3161 | Sensor Bracket                   | 1                 |
| 9         | A376 3147 | Upper Feed-out Guide             | 1                 |
| 10        | A376 3154 | Inverter Roller Arm              | 4                 |
| 11        | A376 3153 | Lower Driven Roller              | 4                 |
| 12        | A376 3611 | Feed-out Roller Spring           | 4                 |
| 13        | A376 4137 | Cushion Collar                   | 3                 |
| 14        | A376 4132 | Cushion - T1,6                   | 2                 |
| 15        | 5420 4860 | Bushing - 8mm                    | 1                 |
| 16        | 5053 0447 | Bushing - 6mm                    | 2                 |
| 17        | A376 3172 | Inverter Pawl Bushing            | 1                 |
| 18        | A376 3211 | Feed-out Driven Roller           | 5                 |
| 19        | A376 3612 | Inverter Lever Spring            | 1                 |
| 20        | A376 3121 | Rear Side Plate                  | 1                 |
| 21        | A376 3515 | Timing Pulley - 48Z/22Z          | 1                 |
| 22        | A376 3598 | Timing Belt - B40S2M152          | 2                 |
| 23        | A376 3516 | Timing Pulley -21 Z              | 1                 |
| 24        | AX06 0092 | DC Motor - DC24V 19W             | 1                 |
| 25        | A376 3532 | Timing Pulley - 18Z .            | 1                 |
| 26        | A376 3530 | Inverter Solenoid                | 1                 |
| 27        | A376 3512 | Feed-out Motor Bracket           | 1                 |
| 28        | A409 1150 | Spring Anchor                    | 1                 |
| 29        | A376 3531 | Solenoid Stopper                 | 1                 |
| 30        | A376 3541 | Solenoid Cushion                 | 1                 |
| 31        | A376 3125 | Inverter Roller                  | 1                 |
| 32        | A376 4131 | Cushion - T1                     | 1                 |
| 33        | 5447 2681 | Snap Ring                        | 1                 |
| 34        | A376 5753 | Feed-out Harness                 | 1                 |
| 35        | A054 2977 | Decal - Vertical Transport Guide | 1                 |

| Index No. | Part No.   | Description                          | Q'ty Per Assembly |
|-----------|------------|--------------------------------------|-------------------|
| 101       | 0314 0060B | Philips Pan Head Screw - M4x6        |                   |
| 102       | 0313 0060B | Philips Pan Head Screw - M3x6        |                   |
| 103       | 0574 0050E | Hexagon Headless Set Screw - M4x5    |                   |
| 104       | 0313 0100B | Philips Pan Head Screw - M3x10       |                   |
| 105       | 0720 0060B | Retaining Ring - M6                  |                   |
| 106       | 0742 3808  | Ball Bearing - 8x16x5                |                   |
| 107       | 0720 0040B | Retaining Ring - M4                  |                   |
| 108       | 0314 0200B | Philips Pan Head Screw - M4x20       |                   |
| 109       | 0633 0160E | Pin - 3x16mm                         |                   |
| 110       | 0951 3004B | Philips Screw With Flat Washer -M3x4 |                   |
| 111       | 1105 0199  | Clamp                                |                   |

A 3D perspective diagram of a mechanical assembly. It features a central horizontal shaft passing through a rectangular block. Two other rectangular blocks are positioned on either side of the central block, with their ends aligned with the shaft. The entire assembly is shown within a larger rectangular frame.

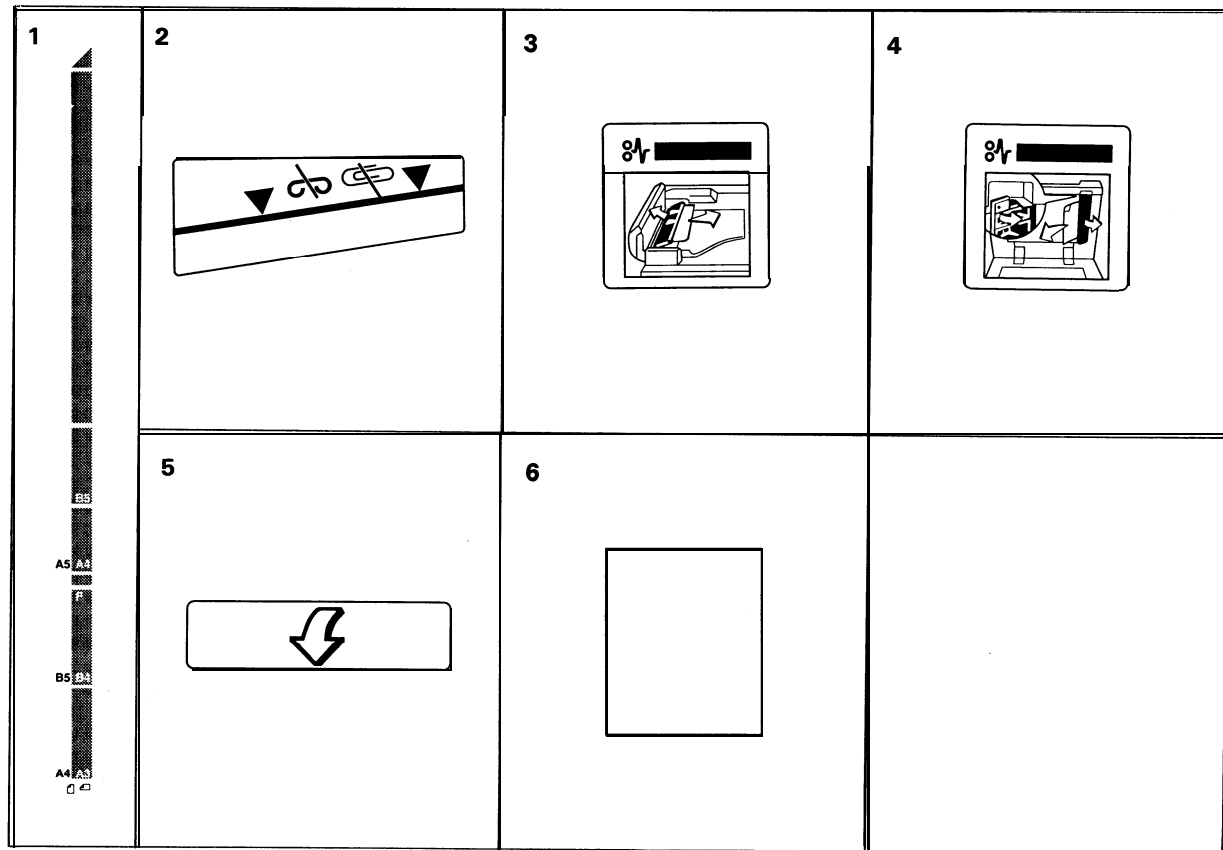


## 7. ELECTRICAL SECTION (A376)

| Index No. | Part No.  | Description                 | Q'ty Per Assembly |
|-----------|-----------|-----------------------------|-------------------|
| 1         | A376 4160 | Left Hinge                  | 1                 |
| 2         | A376 4117 | Reset Switch Bracket        | 1                 |
| 3         | AW02 0021 | Photointerruptor - 175487-3 | 1                 |
| 4         | A376 4646 | Lower Middle Cover          | 1                 |
| 5         | A376 4190 | Right Hinge                 | 1                 |
| 6         | AW01 0027 | Photosensor - ON2530 CT     | 1                 |
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| 8         | A376 4111 | Hinge Stay                  | 2                 |
| 9         | A376 4621 | Lower Exit Cover            | 1                 |
| 10        | A376 4132 | Cushion - T1,6              | 6                 |
| 11        | A376 4641 | Left Lower Cover            | 1                 |
| 12        | A376 5752 | Solenoid Harness            | 1                 |
| 13        | AA04 3235 | Timing Belt - B60S3M201     | 1                 |
| 14        | A376 2524 | Timing Pulley - 60Z/20Z     | 1                 |
| 15        | A376 2514 | Joint Stud                  | 1                 |
| 16        | AA04 3096 | Timing Belt - 4X160         | 1                 |
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| 19        | A376 5754 | Motor Relay Harness         | 1                 |
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| 116       | 1107 0404  | Fuse - 0.3A 250V                  |                   |

## 8. DECAL AND DOCUMENT (A376)



## 8. DECAL AND DOCUMENT (A376)

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