

R I C O H

# PARTS CATALOG

FOR

**RICOH MV310**  
**[Taiwan]**

RICOH COMPANY, LTD.

|   |                 |               |
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|   |                 |               |
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# PARTS CATALOG

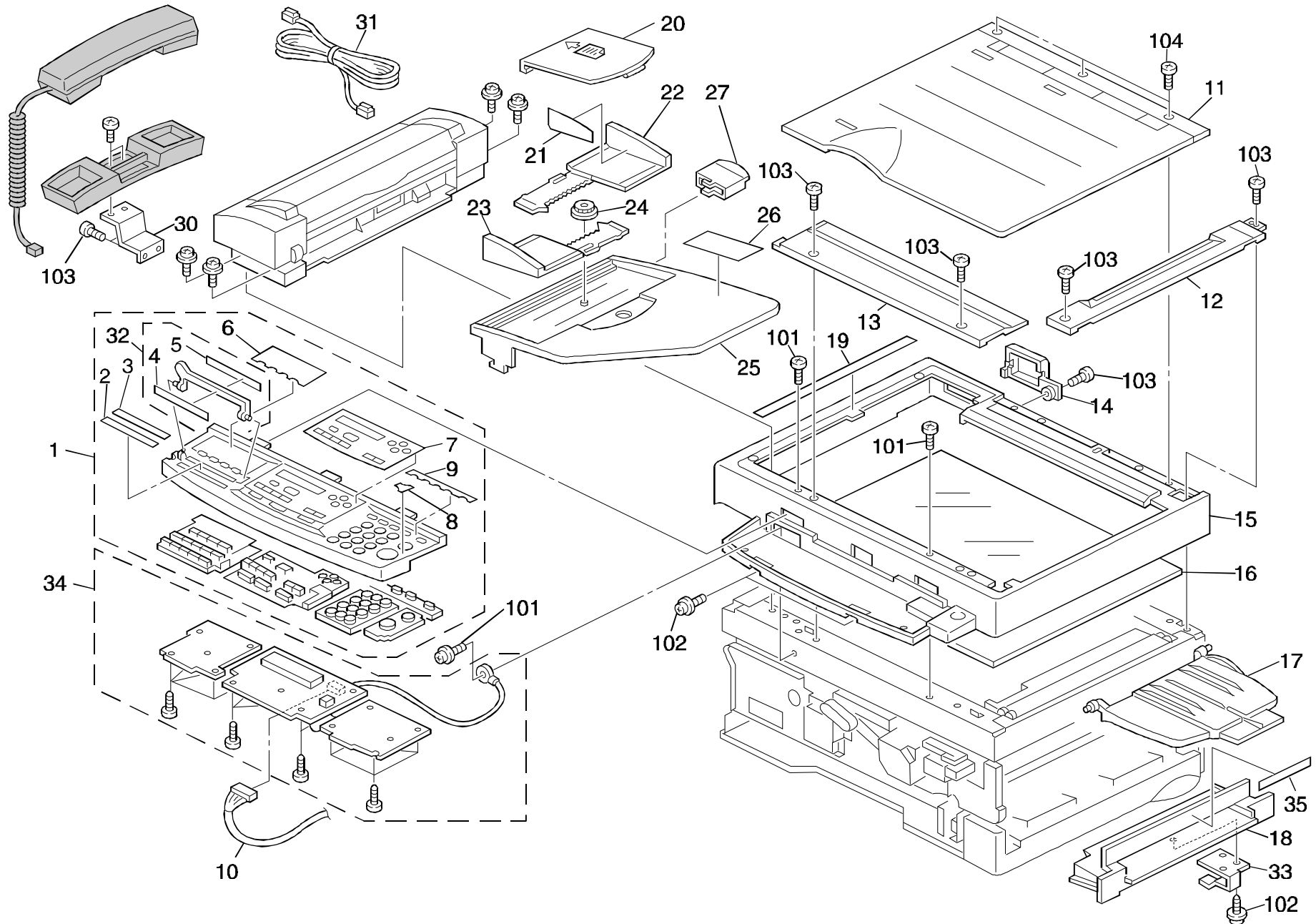
## INTRODUCTION

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

## INDEX to PARTS CATALOG

|                                      |             |
|--------------------------------------|-------------|
| 1.EXTERIOR - 1 .....                 | 1- 2        |
| 2.EXTERIOR - 2 .....                 | 1- 4        |
| 3.ADF UNIT 1 .....                   | 1- 6        |
| 4.ADF UNIT 2 .....                   | 1- 8        |
| 5.SCANNER - 1 .....                  | 1-10        |
| 6.SCANNER - 2 .....                  | 1-12        |
| 7.LASER UNIT .....                   | 1-14        |
| 8.DEVELOPMENT UNIT .....             | 1-16        |
| 9.FUSING UNIT .....                  | 1-18        |
| 10.MAIN FRAME 1 .....                | 1-20        |
| 11.MAIN FRAME 2 .....                | 1-22        |
| 12.PAPER REGISTRATION .....          | 1-24        |
| 13.CASSETTE .....                    | 1-26        |
| 14.100 SHEET CASSETTE (OPTION) ..... | 1-28        |
| <b>PARTS INDEX .....</b>             | <b>2- 1</b> |

# 1. EXTERIOR - 1

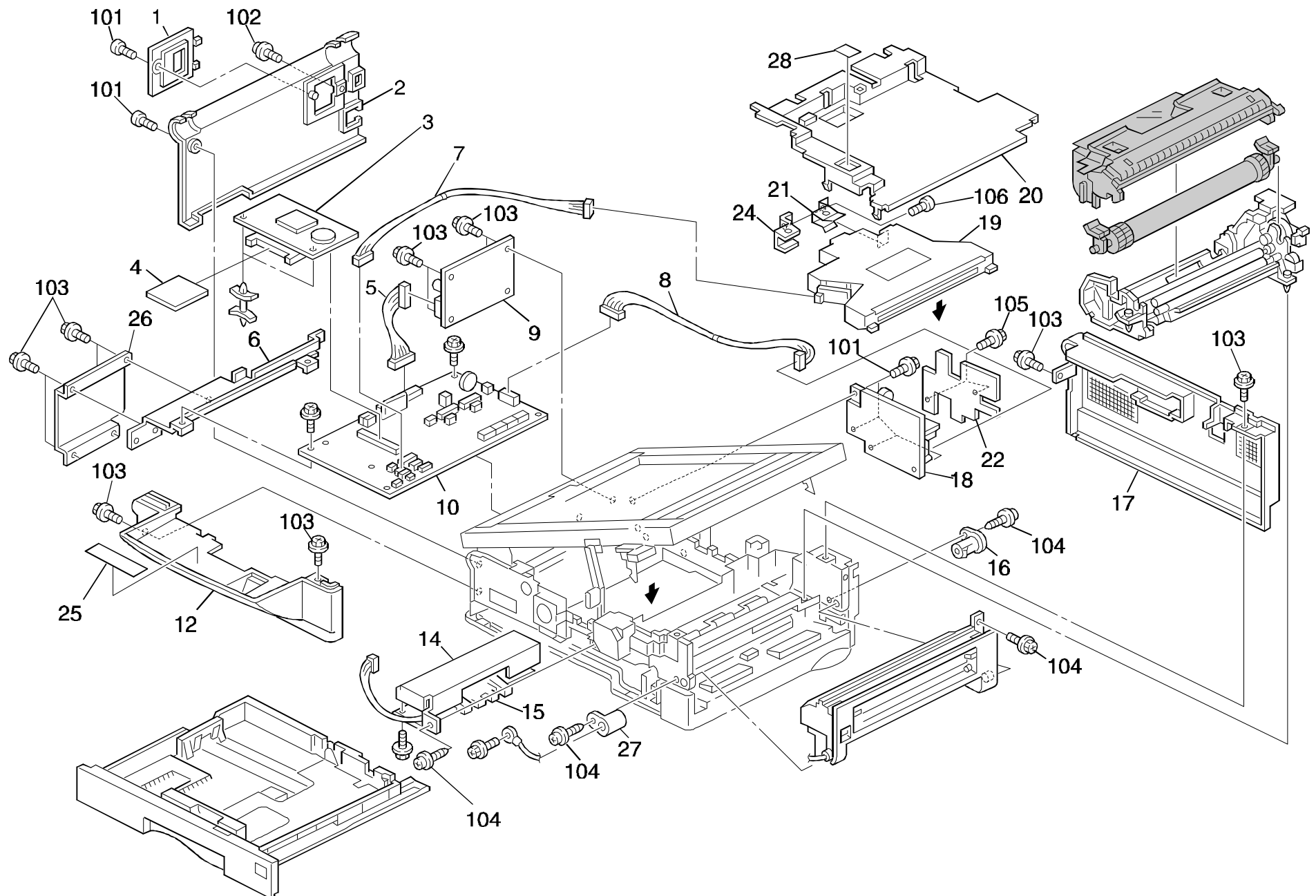


# 1. EXTERIOR - 1

| INDEX | PARTS NO. | DESCRIPTION                 | Note |
|-------|-----------|-----------------------------|------|
| *     | H521 8607 | Operator's Manual - TWN     |      |
| 1     | H521 4209 | Operation Panel Ass'y - TWN |      |
| 2     | H521 4387 | Sheet - Quick Dial - 16-20  |      |
| 3     | H521 4384 | Sheet - Quick Dial - 01-05  |      |
| 4     | H521 4386 | Sheet - Quick Dial - 11-15  |      |
| 5     | H521 4385 | Sheet - Quick Dial - 06-10  |      |
| 6     | H521 4390 | Operating Sheal - A         |      |
| 7     | H521 4391 | Operating Sheal - B         |      |
| 8     | H521 4393 | Operating Sheal - D         |      |
| 9     | H521 4392 | Operating Sheal - C         |      |
| 10    | H521 5306 | Harness - OPU               |      |
| 11    | H521 1105 | Platen Cover Ass'y          |      |
| 12    | H521 1175 | Scale - Widthwise           |      |
| 13    | H521 1174 | Scale - Lengthwise          |      |
| 14    | H521 1353 | Harness Cover               |      |
| 15    | H521 1103 | Upper Cover                 |      |
| 16    | H521 1110 | Exposure Glass              |      |
| 17    | H521 4031 | Copy Tray                   |      |
| 18    | H521 3361 | By-pass Feed Table          |      |
| 19    | H521 1356 | Sheet                       |      |
| 20    | H521 1324 | Original Guide Cover        |      |
| 21    | H521 1357 | Decal - Original Level      |      |
| 22    | H521 1323 | Rear Guide - Original       |      |
| 23    | H521 1322 | Front Guide - Original      |      |
| 24    | H521 1325 | Original Guide Gear         |      |
| 25    | H521 1320 | Original Table              |      |
| 26    | H521 1359 | Decal - Original Table      |      |
| 27    | H521 1160 | Stopper                     |      |
| 30    | H160 4000 | Hand Set Bracket            |      |
| 31    | H081 5700 | Modular Cord - 6P/6P        |      |
| 32    | H521 4296 | Cover Quick Dial Keys       |      |
| 33    | H521 3553 | Spring Plate - Paper Feed   |      |

| INDEX | PARTS NO.                                                                                                                                                               | DESCRIPTION                         | Note |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------|
| 34    | H521 6020                                                                                                                                                               | PCB - OPU - LSO                     |      |
| 35    | H516 3583                                                                                                                                                               | Decal - Bypass Feed                 |      |
|       |   |                                     |      |
| 101   | 0951 3006B                                                                                                                                                              | Philips Screw With Flat Washer-M3x6 |      |
| 102   | 0802 5206                                                                                                                                                               | Tapping Screw - M3x8                |      |
| 103   | 0353 0080Z                                                                                                                                                              | Philips Trass Head Screw - M3x8     |      |
| 104   | 0353 0100Z                                                                                                                                                              | Bind Screw - M3x10                  |      |

## 2. EXTERIOR - 2



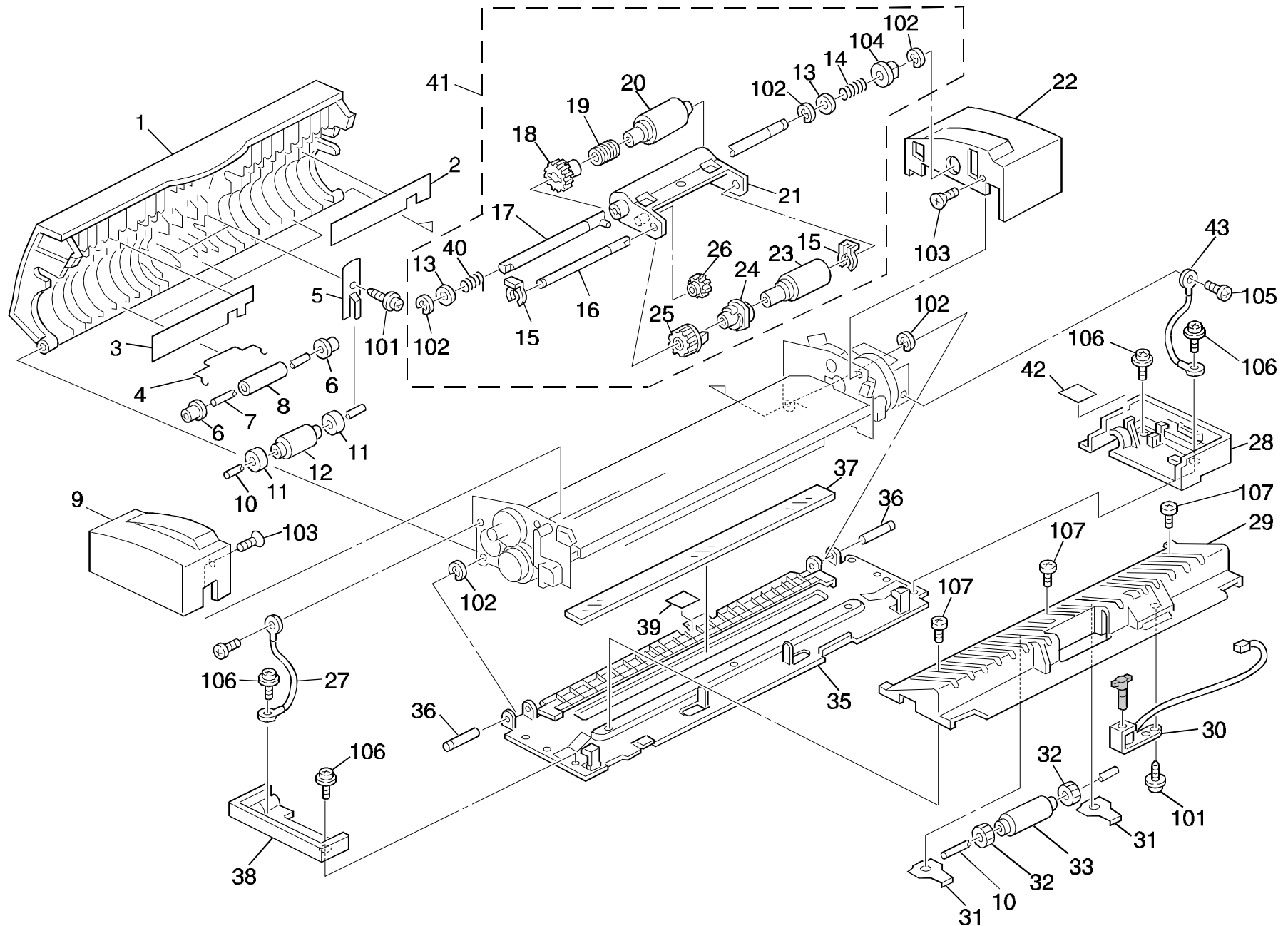
## 2. EXTERIOR - 2



| INDEX | PARTS NO. | DESCRIPTION           | Note |
|-------|-----------|-----------------------|------|
| 1     | H521 4024 | Cover - NCU           |      |
| 2     | H521 4022 | Cover - Left          |      |
| 3     | H521 6057 | PCB - FCE - TWN       |      |
| 4     | H521 6300 | IC Card - LSO         |      |
| 5     | H521 5309 | Harness - NCU         |      |
| 6     | H521 3136 | Bracket - FCU         |      |
| 7     | H521 5302 | Harness - LDDR        |      |
| 8     | H521 5322 | Harness - PSU         |      |
| 9     | 5488 6020 | PCB - NCU - USA       |      |
| 10    | H521 6041 | PCB - FDU - LSO       |      |
| 12    | H521 4020 | Cover - Front         |      |
| 14    | H515 3130 | Cover - Power Pack    |      |
| 15    | H515 5033 | Power Pack            |      |
| 16    | H521 3164 | Pin - Right Fulcrum   |      |
| 17    | H521 4021 | Cover - Rear          |      |
| 18    | H521 5401 | PSU - L30             |      |
| 19    | H521 2041 | LD Unit               |      |
| 20    | H521 3127 | Inner Cover - 1       |      |
| 21    | H515 2724 | Clip - Laser UnitT    |      |
| 22    | H521 3169 | Heat Sink             |      |
| 24    | H515 2734 | Bracket - Base        |      |
| 25    | H521 1156 | Decal - Cover Open    |      |
| 26    | H521 3165 | Bracket - Pif         |      |
| 27    | H515 3116 | Fulcrum - Fusing Unit |      |
| 28    | H521 4027 | Cover - Mech. Counter |      |

| INDEX | PARTS NO.  | DESCRIPTION                         | Note |
|-------|------------|-------------------------------------|------|
| 101   | 0353 0080Z | Philips Trass Head Screw - M3x8     |      |
| 102   | 0951 3006B | Philips Screw With Flat Washer-M3x6 |      |
| 103   | 0443 0060W | Hexagon Head Tapping Screw - M3x6   |      |
| 104   | 0802 5206  | Tapping Screw - M3x8                |      |
| 105   | 0313 0060B | Philips Pan Head Screw - M3x6       |      |

### 3. ADF UNIT 1



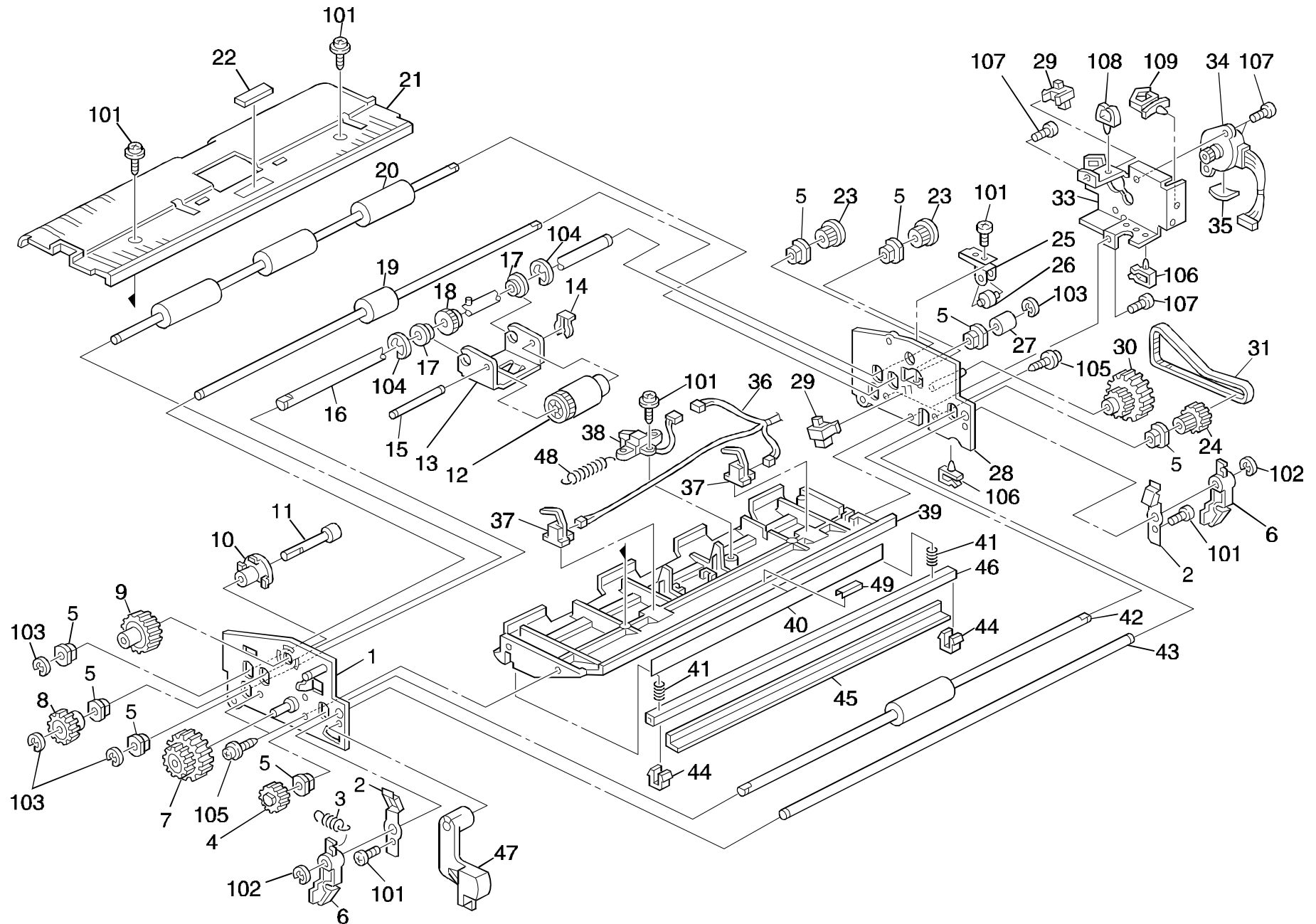
### 3. ADF UNIT 1

| INDEX | PARTS NO. | DESCRIPTION                     | Note |
|-------|-----------|---------------------------------|------|
| 1     | H521 1257 | Upper Cover - ADF               |      |
| 2     | H521 1342 | Guide Mylar - Rear              |      |
| 3     | H521 1334 | Guide Mylar - Front             |      |
| 4     | H521 1304 | Spring R1                       |      |
| 5     | H521 1303 | Spring Plate - R0               |      |
| 6     | H521 1354 | Collar R1                       |      |
| 7     | H521 1307 | Guide Roller Shaft              |      |
| 8     | H521 1301 | Pressure Roller - R1            |      |
| 9     | H521 1327 | Cover - Front - ADF             |      |
| 10    | H521 1306 | Guide Roller Shaft              |      |
| 11    | H521 1348 | Collor R0                       |      |
| 12    | H521 1337 | Guide Roller R0                 |      |
| 13    | H006 2316 | Spacer - Pick-up Clutch         |      |
| 14    | H521 1314 | Spring Clutch - M6              |      |
| 15    | H081 3407 | Snap Ring - M2.5                |      |
| 16    | H521 1294 | Shaft - Pickup                  |      |
| 17    | H521 1292 | Shaft - Feed Roller             |      |
| 18    | H521 1286 | Gear - Feed Roller              |      |
| 19    | H521 1316 | Spring Clutch - M9              |      |
| 20    | H521 1367 | Feed Roller                     |      |
| 21    | H521 1268 | Bracket - Pickup                |      |
| 22    | H521 1328 | Cover - Rear - ADF              |      |
| 23    | H521 1366 | ADF Pickup Roller               |      |
| 24    | H521 1288 | Collar - Pickup                 |      |
| 25    | H521 1287 | Gear - Pickup Roller            |      |
| 26    | H081 1046 | Idler Gear - ADF Pick-up Roller |      |
| 27    | H521 5332 | Grownding Wire - 70             |      |
| 28    | H521 1330 | Cover - Rear/lower - ADF        |      |
| 29    | H521 1259 | Guide Plate R2                  |      |
| 30    | H511 5005 | Stamper                         |      |
| 31    | H521 1305 | Spring Plate R2                 |      |
| 32    | H521 1319 | Exit Roller Colar               |      |

| INDEX | PARTS NO.  | DESCRIPTION                         | Note |
|-------|------------|-------------------------------------|------|
| 33    | H521 1302  | Guide Roller R2                     |      |
| 35    | H521 1214  | Base - ADF                          |      |
| 36    | H521 1310  | Pin Shaft                           |      |
| 37    | H521 1278  | Exposure Glass - ADF Option         |      |
| 38    | H521 1329  | Cover - Front/lower - ADF           |      |
| 39    | H521 1364  | Guide Sheet                         |      |
| 40    | H521 1317  | Pressure Spring                     |      |
| 41    | H521 1210  | ADF Roller Unit                     |      |
| 42    | H521 1368  | Sheet - Interlock SW.               |      |
| 43    | H521 5331  | Grownding Wire - 125                |      |
| 101   | 0802 5230  | Tapping Screw - M3x10               |      |
| 102   | 0720 0040E | Retaining Ring - M4                 |      |
| 103   | 0323 0060B | Philips Sunk Screw - M3x6           |      |
| 104   | 0805 3386  | Bushing - 8mm                       |      |
| 105   | 0313 0030B | Philips Pan Head Screw - M3x3       |      |
| 106   | 0951 3006B | Philips Screw With Flat Washer-M3x6 |      |
| 107   | 0313 0060B | Philips Pan Head Screw - M3x6       |      |



## 4. ADF UNIT 2

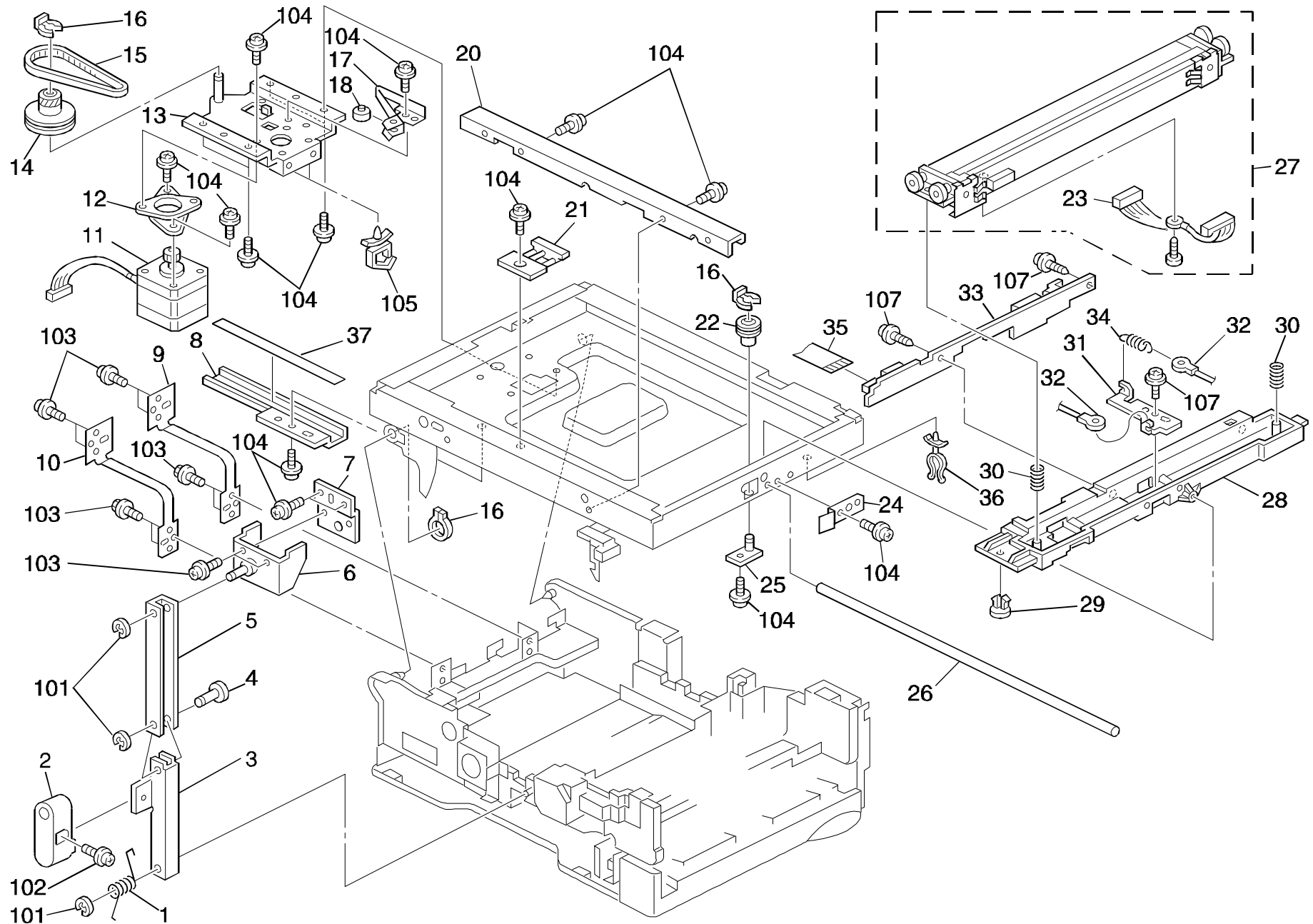


## 4. ADF UNIT 2

| INDEX | PARTS NO. | DESCRIPTION                 | Note |
|-------|-----------|-----------------------------|------|
| 1     | H521 1261 | Front Side Plate            |      |
| 2     | H521 1308 | Lock Spring                 |      |
| 3     | H521 1336 | Lock Spring                 |      |
| 4     | H521 1281 | R2 Drive Gear               |      |
| 5     | H521 1311 | Busing                      |      |
| 6     | H521 1297 | Lock Lever                  |      |
| 7     | H521 1282 | Joint Gear                  |      |
| 8     | H521 1283 | Front Drive Gear - Reverse  |      |
| 9     | H521 1284 | Front Drive Gear - Feed     |      |
| 10    | H521 1290 | Busing                      |      |
| 11    | H521 1293 | Joint Shaft                 |      |
| 12    | H521 1372 | Reverse Rollefr             |      |
| 13    | H521 1374 | Bracket - Reverse           |      |
| 14    | H081 3407 | Snap Ring - M2.5            |      |
| 15    | H521 1295 | Shaft - Separation Roller   |      |
| 16    | H521 1276 | Shaft - Separation Unit     |      |
| 17    | H521 1296 | Bushing                     |      |
| 18    | H521 1285 | Middle Drive Gear - Reverse |      |
| 19    | H521 1250 | R0 Roller                   |      |
| 20    | H521 1251 | R1 Roller                   |      |
| 21    | H521 1258 | Separation Guide            |      |
| 22    | H521 1350 | Pad - Pick-up               |      |
| 23    | H521 1280 | Pulley R1                   |      |
| 24    | H521 1340 | Pulley R2                   |      |
| 25    | H521 1300 | Spring Plate                |      |
| 26    | H081 1065 | Timing Belt - Idler 2       |      |
| 27    | H521 1335 | Bushing - 8x10mm            |      |
| 28    | H521 1264 | Rear Side Plate             |      |
| 29    | H515 5018 | Cover Switch - Fusing Exit  |      |
| 30    | H521 1279 | Joint Gear                  |      |
| 31    | H521 1309 | Timing Belt                 |      |
| 33    | H521 1267 | Motor Bracket               |      |

| INDEX | PARTS NO.  | DESCRIPTION                   | Note |
|-------|------------|-------------------------------|------|
| 34    | H521 5010  | Scanner Motor - ADF           |      |
| 35    | H521 1358  | Motor Cushion                 |      |
| 36    | H521 5336  | Harness - ADF - L             |      |
| 37    | H521 5011  | Document Sensor - S1/S3       |      |
| 38    | H521 5012  | Document Sensor - S2          |      |
| 39    | H521 1254  | Lower Guide Plate             |      |
| 40    | H521 1331  | Antistatic Brush              |      |
| 41    | H521 1341  | Plessuer Spring               |      |
| 42    | H521 1252  | R2 Roller                     |      |
| 43    | H521 1299  | Lock Shaft                    |      |
| 44    | H521 1312  | Pressuer Shaft Holder         |      |
| 45    | H521 1333  | Shielding Sheet               |      |
| 46    | H521 1289  | Pressure Plate                |      |
| 47    | H521 1321  | Release Lever                 |      |
| 48    | H521 1360  | Spring                        |      |
| 49    | H521 1365  | Antistatic Brushi             |      |
| 101   | 0802 5205  | Tapping Screw - M3x6          |      |
| 102   | 0720 0040E | Retaining Ring - M4           |      |
| 103   | 0720 0060E | Retaining Ring - M6           |      |
| 104   | 0720 0070E | Retaining Ring - M7           |      |
| 105   | 0802 5206  | Tapping Screw - M3x8          |      |
| 106   | 1105 0283  | Clamp                         |      |
| 107   | 0313 0030B | Philips Pan Head Screw - M3x3 |      |
| 108   | 1105 0153  | Clamp                         |      |
| 109   | 1105 0260  | Wire Saddle                   |      |

## 5. SCANNER - 1

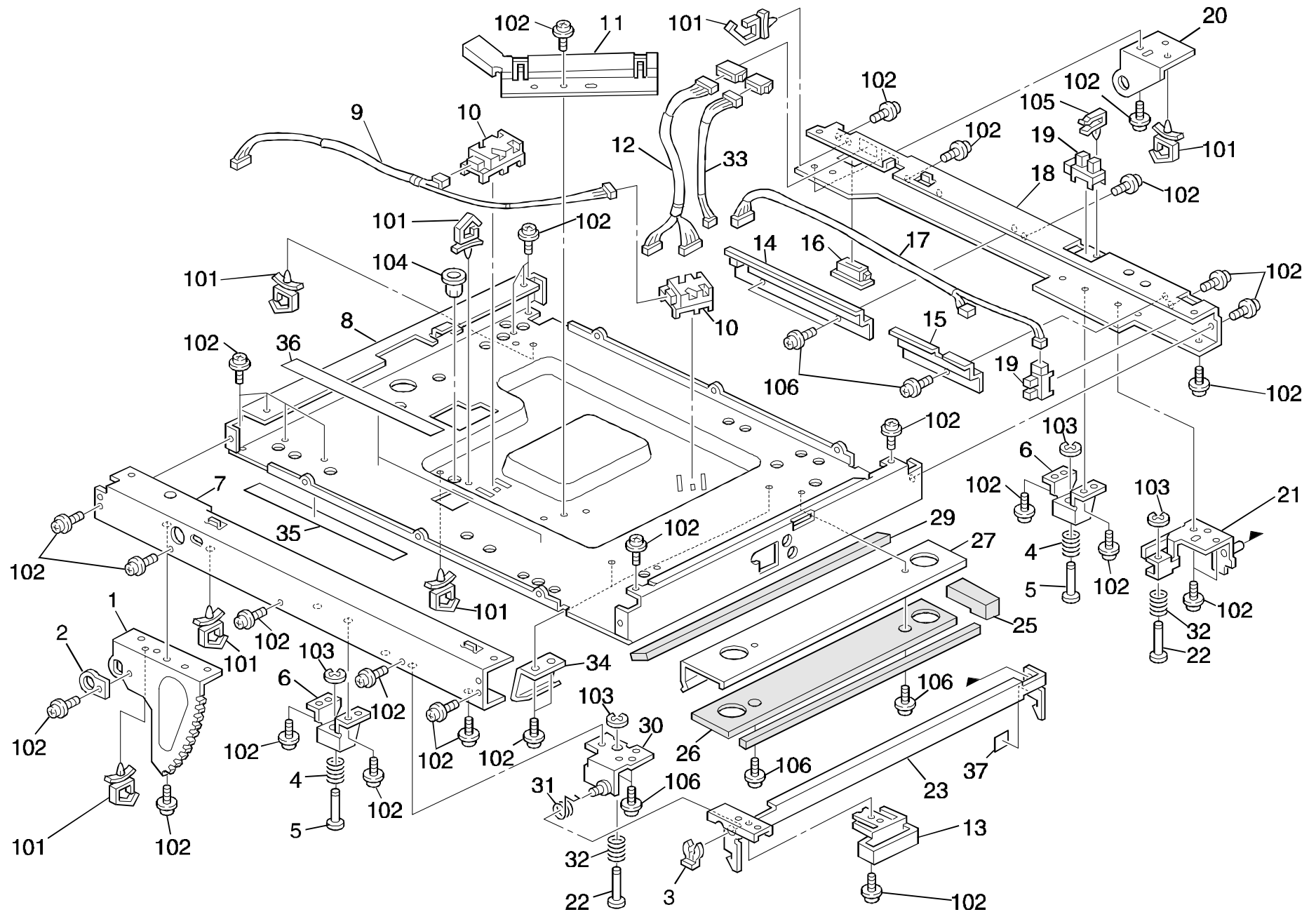


## 5. SCANNER - 1

| INDEX | PARTS NO. | DESCRIPTION                 | Note |
|-------|-----------|-----------------------------|------|
| 1     | H521 1143 | Spring - Stopper            |      |
| 2     | H521 1151 | Handle - Stopper            |      |
| 3     | H521 1141 | Stopper - Lower             |      |
| 4     | H521 1142 | Pin - Stopper               |      |
| 5     | H521 1140 | Stopper - Upper             |      |
| 6     | H521 1164 | Upper Stopper Bracket       |      |
| 7     | H521 1155 | Bracket - Stopper - Base    |      |
| 8     | H521 1072 | Bracket - Flat Cable Holder |      |
| 9     | H521 1085 | Ground Plate - Rear         |      |
| 10    | H521 1082 | Ground Plate - Front        |      |
| 11    | H521 5004 | Scanner Motor - DC24V;0.7A  |      |
| 12    | H521 1150 | Cushion - Scanner Motor     |      |
| 13    | H521 1064 | Motor Bracket               |      |
| 14    | H521 1081 | Pulley - Scanner            |      |
| 15    | H521 1074 | Timing Belt                 |      |
| 16    | H006 2383 | Snap Ring                   |      |
| 17    | H521 1071 | Spring Plate                |      |
| 18    | H081 1065 | Timing Belt - Idler 2       |      |
| 20    | H521 1062 | Rail - Scanner              |      |
| 21    | H521 1069 | Holder - Flat Cable         |      |
| 22    | H521 1078 | Pulley - Scanner            |      |
| 23    | H521 5305 | Sensor Harness              |      |
| 24    | H521 1127 | Stopper - Shaft - Scanner   |      |
| 25    | H521 1075 | Bracket - Pulley - Scanner  |      |
| 26    | H521 1061 | Shaft - Slider              |      |
| 27    | H521 1070 | Contact Image Sensor - B4   |      |
| 28    | H521 1050 | Carriage - Scanner          |      |
| 29    | H521 1054 | Slider - Carriage           |      |
| 30    | H521 1057 | Spring - Image Sensor       |      |
| 31    | H521 1122 | Bracket - Wire              |      |
| 32    | H521 1079 | Wire - Scanner Drive        |      |
| 33    | H521 5001 | Lamp Stabilizer             |      |

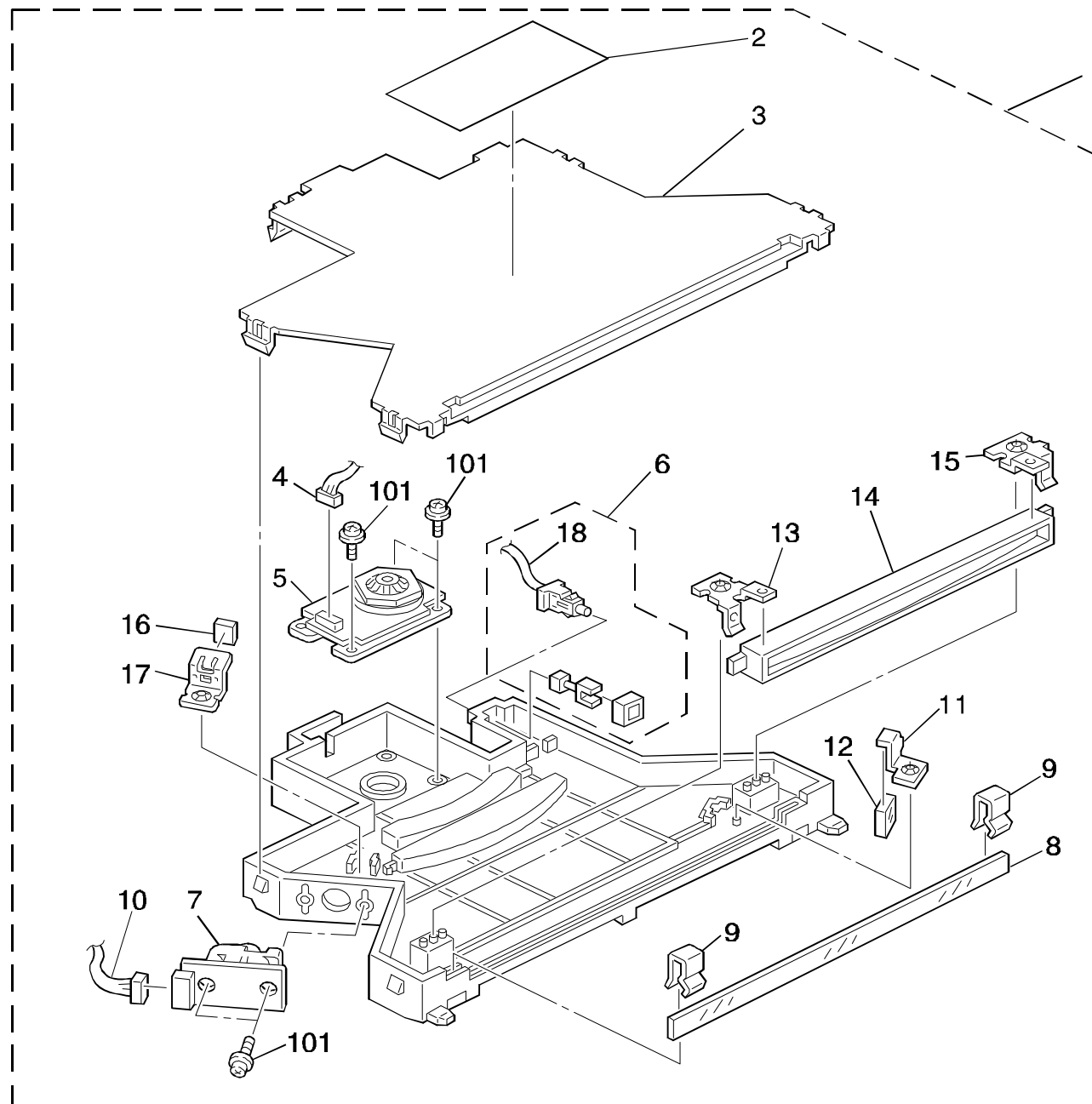
| INDEX | PARTS NO.  | DESCRIPTION                         | Note |
|-------|------------|-------------------------------------|------|
| 34    | H521 1080  | Spring - Wire                       |      |
| 35    | H521 5304  | Harness - Xenon Lamp                |      |
| 36    | H521 1161  | Stopper - Carriage                  |      |
| 37    | H521 1169  | Sheet - Flexible Board - 2          |      |
|       |            |                                     |      |
| 101   | 0720 0040E | Retaining Ring - M4                 |      |
| 102   | 0353 0100Z | Bind Screw - M3x10                  |      |
| 103   | 0443 0060W | Hexagon Head Tapping Screw - M3x6   |      |
| 104   | 0951 3006B | Philips Screw With Flat Washer-M3x6 |      |
| 105   | 1105 0310  | Wire Clamp                          |      |
| 107   | 0802 5205  | Tapping Screw - M3x6                |      |

## 6. SCANNER - 2





## 7. LASER UNIT



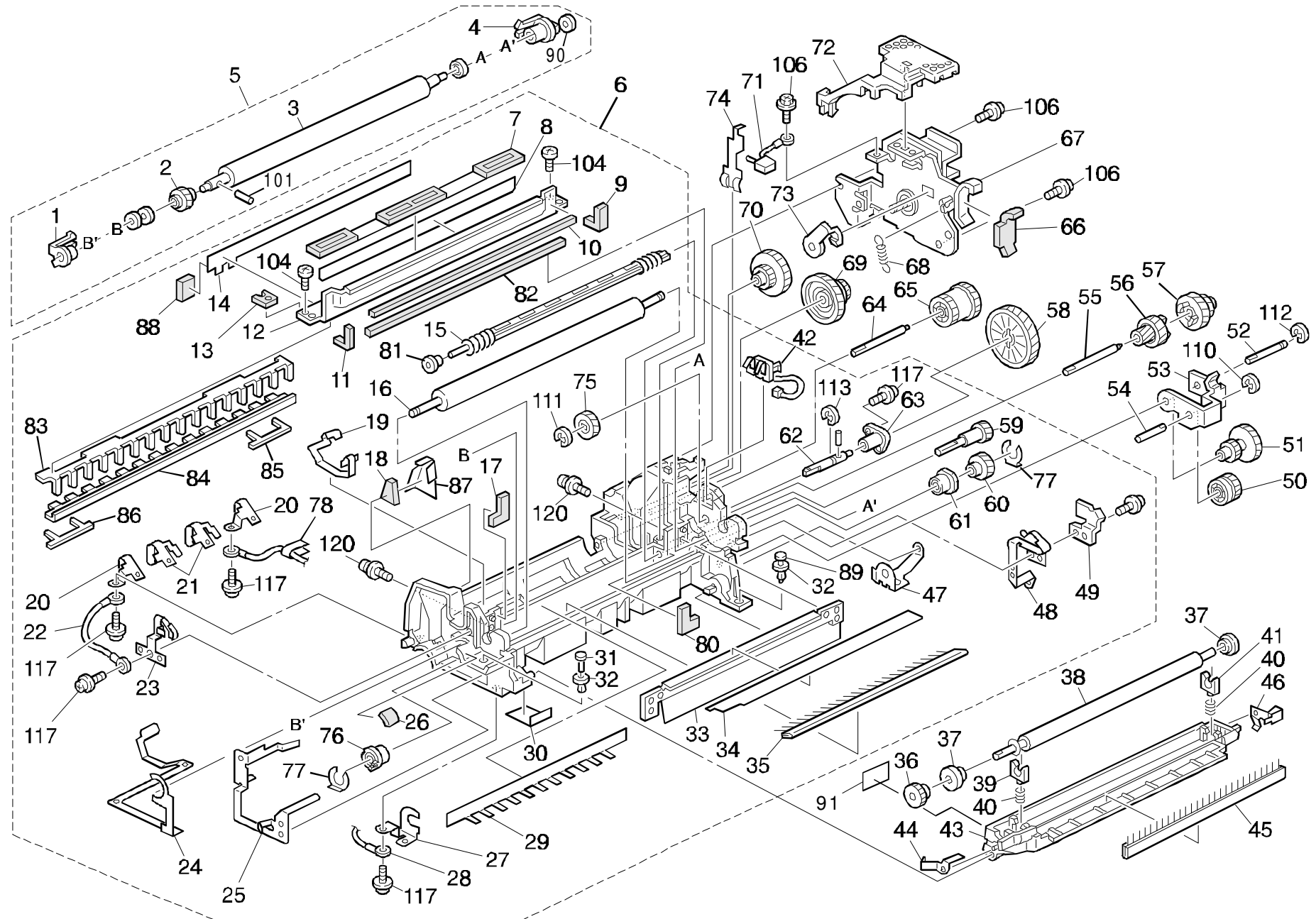
## 7. LASER UNIT

| INDEX | PARTS NO. | DESCRIPTION                         | Note |
|-------|-----------|-------------------------------------|------|
| *     | H515 2741 | Spacer - Shield Glass               |      |
| *     | H515 2740 | Shield Plate                        |      |
| 1     | H521 2041 | LD Unit                             |      |
| 2     | H510 4170 | Caution Label - Laser               |      |
| 3     | H515 2714 | Cover - Laser Unit                  |      |
| 4     | H521 5321 | Harness - Mirror Motor              |      |
| 5     | H521 5061 | Polygonal Motor - DC24V;0.3A        |      |
| 6     | H515 2717 | Laser Sync. Detector                |      |
| 7     | H515 2715 | Laser Diode Unit                    |      |
| 8     | H515 2712 | Laser Exposure Glass                |      |
| 9     | H515 2723 | Spring Plate - Exposure Glass       |      |
| 10    | H521 5302 | Harness - LDDR                      |      |
| 11    | H515 2721 | Spring Plate - Mirror - Laser Sync. |      |
| 12    | H515 2711 | Mirror - Synchronization            |      |
| 13    | H515 2719 | Spring Plate - Btl - Left           |      |
| 14    | H516 2710 | BTL Lens                            |      |
| 15    | H515 2720 | Spring Plate - Btl - Right          |      |
| 16    | H515 2725 | Cylindrical Lens - Laser            |      |
| 17    | H515 2722 | Spring Plate - Lens - Laser         |      |
| 18    | H515 5044 | Optical Fiber                       |      |

| INDEX | PARTS NO. | DESCRIPTION           | Note |
|-------|-----------|-----------------------|------|
| 101   | 0802 5230 | Tapping Screw - M3x10 |      |



## 8. DEVELOPMENT UNIT



## 8. DEVELOPMENT UNIT

| INDEX | PARTS NO. | DESCRIPTION                      | Note |
|-------|-----------|----------------------------------|------|
| 1     | H515 2414 | Bearing - Dvlp. Roller - Left    |      |
| 2     | H515 2451 | Gear                             |      |
| 3     | H515 2519 | Development (rubber) Roller - B4 |      |
| 4     | H515 2415 | Bearing - Dvlp. Roller - Right   |      |
| 5     | H515 2405 | Rubber Roller Ass'y - Dvlp. - B4 |      |
| 6     | H515 2401 | Development Unit - B4            |      |
| 7     | H515 2500 | Seal - Duct - 1                  |      |
| 8     | H515 2524 | Film - Duct                      |      |
| 9     | H515 2506 | Seal - Duct - S                  |      |
| 10    | H515 2505 | Seal - Duct - L                  |      |
| 11    | H515 2506 | Seal - Duct - S                  |      |
| 12    | H515 2432 | Toner Duct - B4                  |      |
| 13    | H515 2536 | Seal - Development - C           |      |
| 14    | H516 2549 | Seal - Toner Duct - Lower - A4   |      |
| 15    | H515 2544 | Toner Supply Bar - B4            |      |
| 16    | H515 2516 | Toner Application Roller - B4    |      |
| 17    | H515 2502 | Seal - Roller                    |      |
| 18    | H515 2535 | Seal - B                         |      |
| 19    | H515 2474 | Terminal Plate - Development - L |      |
| 20    | H515 2530 | Terminal Plate - B               |      |
| 21    | H515 2481 | Terminal Plate - A               |      |
| 22    | H515 5037 | Bias Cable - Charge              |      |
| 23    | H515 2478 | Terminal Plate - Charge - M      |      |
| 24    | H515 2475 | Terminal Plate - Relay - S       |      |
| 25    | H515 2473 | Terminal Plate - Development - S |      |
| 26    | H515 2534 | Seal - Development - A           |      |
| 27    | H515 2471 | Terminal Plate - Transfer - L    |      |
| 28    | H515 5038 | Bias Cable - Transfer            |      |
| 29    | H515 2548 | Film - Hopper                    |      |
| 30    | H516 2524 | Lower Seal                       |      |
| 31    | H515 2487 | Stopper - Pin                    |      |
| 32    | H515 2488 | Stopper - Receptacle             |      |

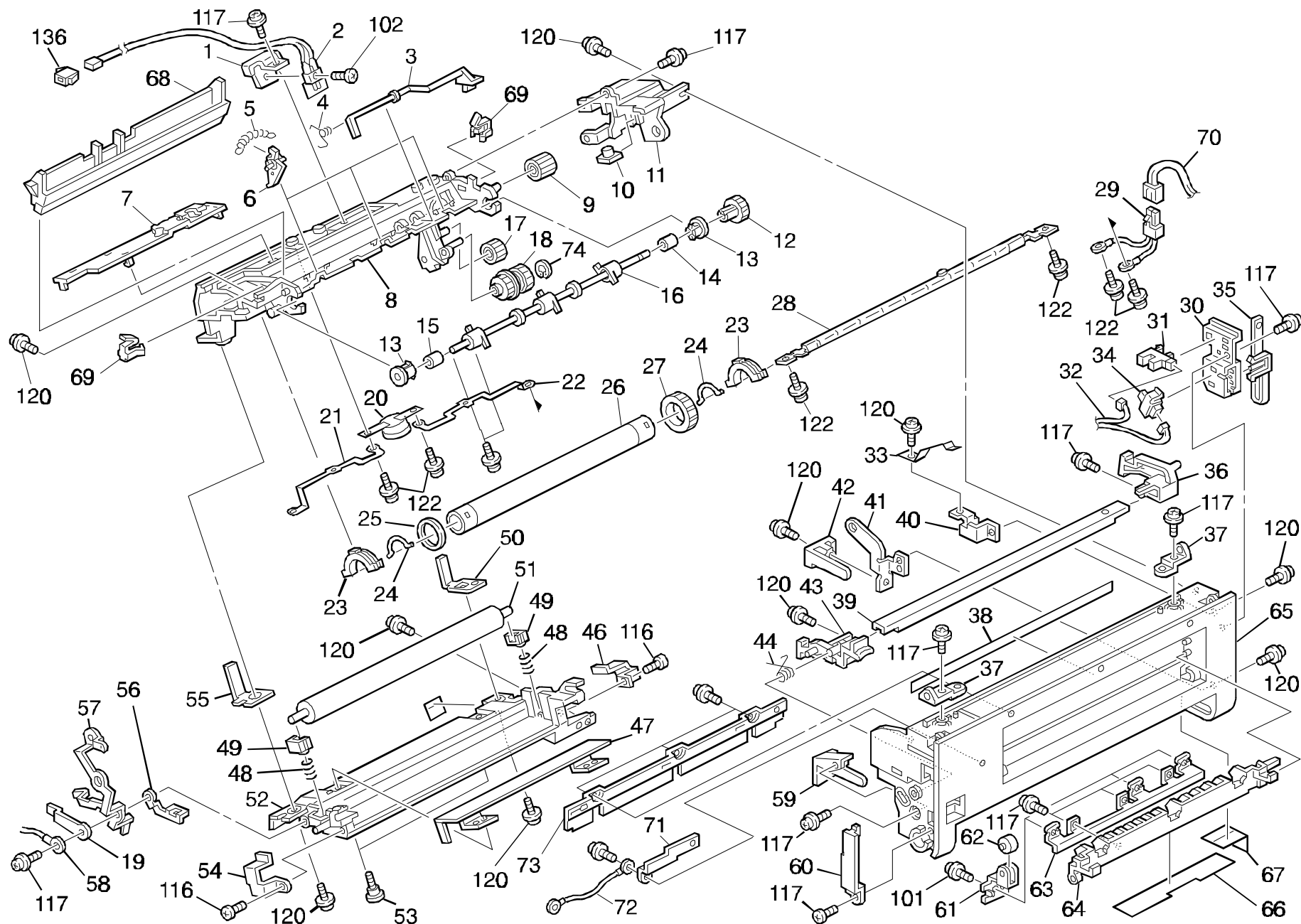
| INDEX | PARTS NO. | DESCRIPTION                        | Note |
|-------|-----------|------------------------------------|------|
| 33    | H515 2412 | Toner Metering Blade - B4          |      |
| 34    | H515 2528 | Seal - Development Roller          |      |
| 35    | H515 2518 | Antistatic Brush - Dvlp. - B4      |      |
| 36    | H515 2452 | Gear - Transfer Rolleer            |      |
| 37    | H515 2461 | Pulley - Transfer                  |      |
| 38    | H515 2404 | Transfer Roller - B4               |      |
| 39    | H515 2455 | Holder - Transfer Roller - Left    |      |
| 40    | H515 2485 | Spring - Transfer Roller           |      |
| 41    | H515 2456 | Holder - Transfer Roller - Right   |      |
| 42    | H515 2417 | Terminal - Quenching Lamp          |      |
| 43    | H515 2498 | Guide Plate - Transfer             |      |
| 44    | H515 2469 | Terminal Plate - Transfer - S      |      |
| 45    | H515 2460 | Antistatic Brush - Transfer - B4   |      |
| 46    | H515 2472 | Terminal Plate - Separation        |      |
| 47    | H515 2468 | Terminal Plate - Ground            |      |
| 48    | H515 2482 | Terminal Plate - OPC Drum          |      |
| 49    | H515 2543 | Holder - Terminal Plate - OPC Drum |      |
| 50    | H515 2493 | Drive Gear - Fusing                |      |
| 51    | H515 2450 | Idler Gear 6                       |      |
| 52    | H515 2467 | Shaft - Idler 6                    |      |
| 53    | H515 2492 | Bracket - Fusing Drive Gear        |      |
| 54    | H515 2494 | Shaft - Drive Gear - Fusing        |      |
| 55    | H515 2462 | Shaft - Idler 1                    |      |
| 56    | H515 2443 | Idler Gear 1 - Small               |      |
| 57    | H515 2444 | Idler Gear 1 - Large               |      |
| 58    | H515 2445 | Idler Gear 2 - Large               |      |
| 59    | H515 2413 | Gear - Agitator                    |      |
| 60    | H515 2442 | Gear - Mag. Roller                 |      |
| 61    | H515 2411 | Bearing - Mag. Roller - Right      |      |
| 62    | H515 2463 | Shaft - Idler 2                    |      |
| 63    | H515 2457 | Bushing - Idler 2 - Large          |      |
| 64    | H515 2466 | Shaft - Idler 5                    |      |



| INDEX | PARTS NO.                                                                                                                                                               | DESCRIPTION                                                                         | Note |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
| 65    | H515 2449                                                                                                                                                               | Idler Gear 5                                                                        |      |
| 66    | H515 2541                                                                                                                                                               | Deal - Shutter Guide                                                                |      |
| 67    | H515 2416                                                                                                                                                               | Main Motor Ass'y - DC24V;16.1W                                                      |      |
| 68    | H515 2495                                                                                                                                                               | Spring - Bracket - Fusing Drive                                                     |      |
| 69    | H515 2447                                                                                                                                                               | Idler Gear 3                                                                        |      |
| 70    | H515 2448                                                                                                                                                               | Idler Gear 4                                                                        |      |
| 71    | H515 5034                                                                                                                                                               | Zenor Diode - 732V : HVRD                                                           |      |
| 72    | H515 2491                                                                                                                                                               | Inner Cover - Development                                                           |      |
| 73    | H515 2458                                                                                                                                                               | Bushing - Idler 2 - Small                                                           |      |
| 74    | H515 2496                                                                                                                                                               | Terminal Plate - Grid                                                               |      |
| 75    | H515 2446                                                                                                                                                               | Drive Gear - OPC Drum                                                               |      |
| 76    | H515 2410                                                                                                                                                               | Bearing - Mag. Roller - Left                                                        |      |
| 77    | H515 2542                                                                                                                                                               | Stopper - Bearing - M6                                                              |      |
| 78    | H515 2547                                                                                                                                                               | Holder - Harness                                                                    |      |
| 80    | H515 2552                                                                                                                                                               | Shield - Roller - R                                                                 |      |
| 81    | H081 2438                                                                                                                                                               | Shaft - Agitator                                                                    |      |
| 82    | H515 2501                                                                                                                                                               | Seal - Duct - 2                                                                     |      |
| 83    | H515 2561                                                                                                                                                               | Instruction Sheet - B4 - L                                                          |      |
| 84    | H515 2564                                                                                                                                                               | Plate - Instruction Sheet - B4                                                      |      |
| 85    | H515 2562                                                                                                                                                               | Instruction Sheet - B4 - S - 1                                                      |      |
| 86    | H515 2563                                                                                                                                                               | Instruction Sheet - B4 - S - 2                                                      |      |
| 87    | H515 5396                                                                                                                                                               | Seal Sheet                                                                          |      |
| 88    | H515 2537                                                                                                                                                               | Seal - Development - D                                                              |      |
| 89    | H515 2554                                                                                                                                                               | Stopper - Pin - L                                                                   |      |
| 90    | H515 2568                                                                                                                                                               | Stopper - Ball Bearing                                                              |      |
| 91    | H515 2576                                                                                                                                                               | Sheet - Guide Plate                                                                 |      |
|       |   |  |      |

| INDEX | PARTS NO.  | DESCRIPTION                         | Note |
|-------|------------|-------------------------------------|------|
| 101   | 0633 0120G | Parallel Pin - 3x12                 |      |
| 106   | 0443 0060W | Hexagon Head Tapping Screw - M3x6   |      |
| 110   | 0720 0020E | Retaining Ring - M2                 |      |
| 111   | 0720 0025E | Retaining Ring - M2.5               |      |
| 112   | 0720 0030E | Retaining Ring - M3                 |      |
| 113   | 0720 0040E | Retaining Ring - M4                 |      |
| 117   | 0802 5206  | Tapping Screw - M3x8                |      |
| 120   | 0951 3006B | Philips Screw With Flat Washer-M3x6 |      |

## 9. FUSING UNIT



## 9. FUSING UNIT

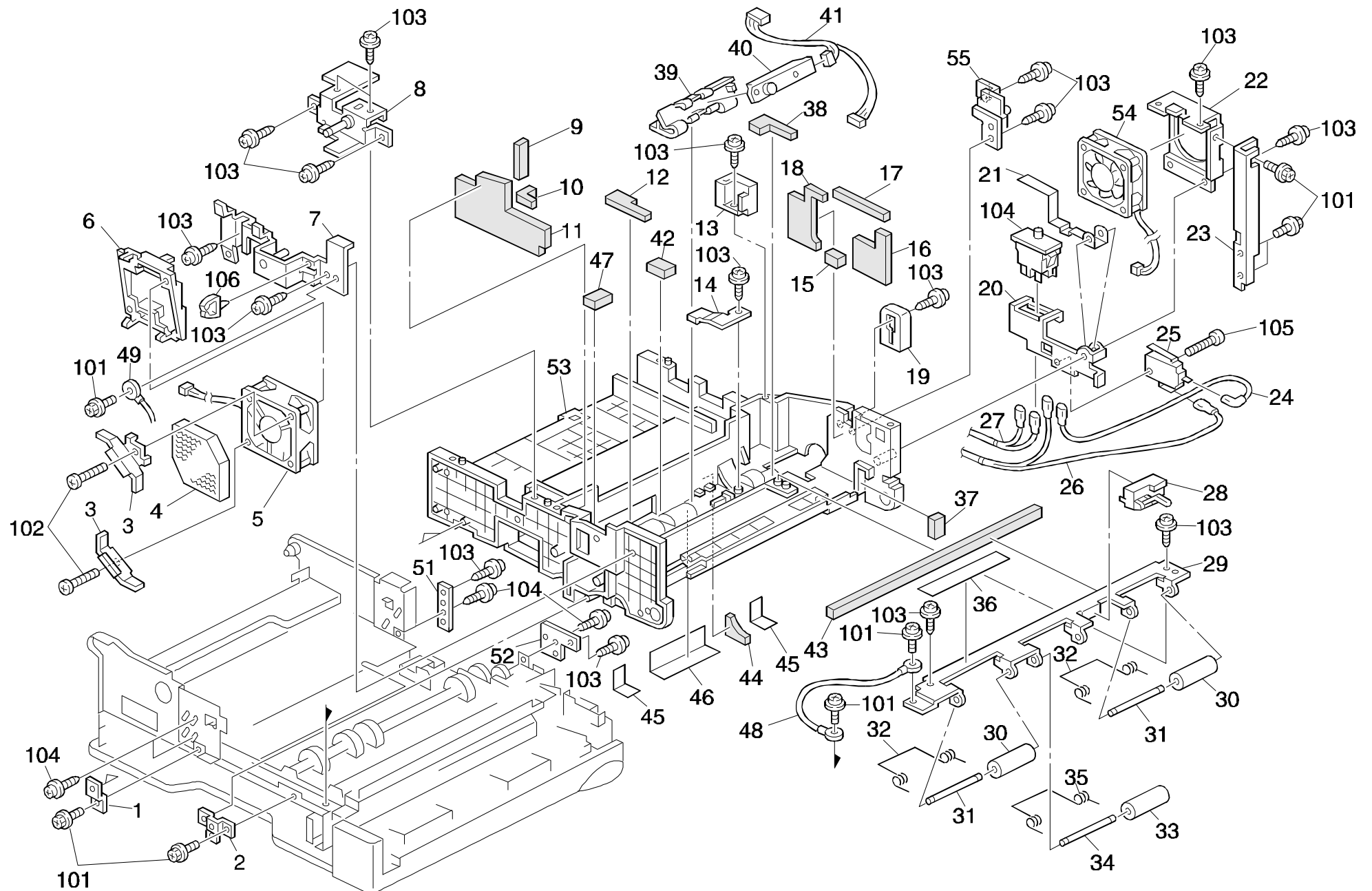
| INDEX | PARTS NO. | DESCRIPTION                        | Note |
|-------|-----------|------------------------------------|------|
| 1     | H515 2143 | Holder - Thermistor                |      |
| 2     | H515 5015 | Thermistor - Fusing                |      |
| 3     | H515 2149 | Actuator - Fusing Exit Sensor      |      |
| 4     | H515 2161 | Spring - Sensor Actuator           |      |
| 5     | H515 2153 | Spring - Hot Roller Stripper       |      |
| 6     | H515 2181 | Separation Hook - Fusing           |      |
| 7     | H515 2159 | Cover - Thermistor - B4            |      |
| 8     | H521 2112 | Upper Case - Fusing - B4           |      |
| 9     | H515 2127 | Idler Gear - Z18                   |      |
| 10    | H515 2167 | Holder - Fusing Lamp               |      |
| 11    | H515 2119 | Cover - Gear                       |      |
| 12    | H515 2128 | Gear - Fusing Exit Roller          |      |
| 13    | H515 2139 | Bushing - Fusing Exit Roller       |      |
| 14    | H515 2166 | Roller - Exit Roller               |      |
| 15    | H516 2127 | Spacer - Fusing Exit Roller - Left |      |
| 16    | H515 2117 | Fusing Exit Roller - B4            |      |
| 17    | H515 2125 | Idler Gear - Z17                   |      |
| 18    | H515 2124 | Idler Gear - Z22-18                |      |
| 19    | H515 2189 | Plate - Ground Plate               |      |
| 20    | H515 5017 | Thermostat - Fusing                |      |
| 21    | H515 2146 | Terminal Plate - Fusing - Rear     |      |
| 22    | H515 2145 | Terminal Plate - Thermostat - 1    |      |
| 23    | H515 2137 | Bearing - Hot Roller               |      |
| 24    | H515 2160 | Stopper - Hot Roller               |      |
| 25    | H515 2141 | Spacer - Hot Roller                |      |
| 26    | H515 2110 | Hot Roller - B4                    |      |
| 27    | H515 2126 | Gear - Hot Roller                  |      |
| 28    | H521 5016 | Fusing Lamp - B4 - 115V            |      |
| 29    | H515 5022 | Harness - Fusing Lamp              |      |
| 30    | H515 2155 | Cover - Right - Fusing             |      |
| 31    | AW02 0021 | Photointerruptor - 175487-3        |      |
| 32    | H521 5312 | Harness - Fusing Sensors           |      |

| INDEX | PARTS NO. | DESCRIPTION                       | Note |
|-------|-----------|-----------------------------------|------|
| 33    | H515 2179 | Cover - Connector                 |      |
| 34    | H515 5018 | Cover Switch - Fusing Exit        |      |
| 35    | H516 2198 | Stopper - Fusing                  |      |
| 36    | H515 2134 | Lock Lever - Right                |      |
| 37    | H516 2119 | Bracket - Table - Original        |      |
| 38    | H515 2152 | Antistatic Brush - Fusing - B4    |      |
| 39    | H515 2135 | Shaft - Lock Lever                |      |
| 40    | H515 2178 | Bracket - Lamp Connector          |      |
| 41    | H515 2180 | Bracket - Idler Gear              |      |
| 42    | H515 2157 | Fusing Inner Cover - Right        |      |
| 43    | H515 2133 | Lever - Lock - Left               |      |
| 44    | H515 2136 | Spring - Lock Lever               |      |
| 46    | H515 2176 | Bracket - Pressure Roller - Right |      |
| 47    | H515 2173 | Guide - Fusing                    |      |
| 48    | H521 2115 | Spring - Pressure Roller          |      |
| 49    | H515 2169 | Bearing - Pressure Roller         |      |
| 50    | H515 2163 | Spring Plate - Right              |      |
| 51    | H521 2111 | Pressure Roller - B4              |      |
| 52    | H515 2116 | Lower Case - Fusing               |      |
| 53    | H515 2182 | Stepped Screw                     |      |
| 54    | H515 2177 | Bracket - Pressure Roller - Left  |      |
| 55    | H515 2164 | Spring Plate - Left               |      |
| 56    | H515 2171 | Spring Plate - Pressure Roller    |      |
| 57    | H515 2156 | Ground Plate - Hot Roller         |      |
| 58    | H515 5024 | Ground Wire - Fusing              |      |
| 59    | H515 2158 | Fusing Inner Cover - Left         |      |
| 60    | H515 2165 | Cover - Left                      |      |
| 61    | H515 2121 | Spring Plate - Fusing Exit        |      |
| 62    | H515 2122 | Fusing Exit Roller                |      |
| 63    | H515 2175 | Stay - Protect - B4               |      |
| 64    | H515 2120 | Cover - Exit                      |      |
| 65    | H515 2118 | Cover - Front                     |      |

| INDEX | PARTS NO. | DESCRIPTION                | Note |
|-------|-----------|----------------------------|------|
| 66    | H521 2184 | Decal - Warning            |      |
| 67    | H513 4353 | Decal - Exit               |      |
| 68    | H515 2150 | Cleaning Pad - Fusing - B4 |      |
| 69    | H515 2168 | Lock Spring - Cleaning Pad |      |
| 70    | H521 5326 | Relay Harness - Heater     |      |
| 71    | H515 2188 | Ground Plate - Exit        |      |
| 72    | H516 5012 | Ground Wire - Image Sensor |      |
| 73    | H515 2186 | Guide - Exit               |      |
| 74    | H515 3543 | Retaining Ring - M4        |      |

| INDEX | PARTS NO.  | DESCRIPTION                         | Note |
|-------|------------|-------------------------------------|------|
| 101   | 0313 0060B | Philips Pan Head Screw - M3x6       |      |
| 102   | 0313 0080B | Philips Pan Head Screw - M3x8       |      |
| 116   | 0802 5205  | Tapping Screw - M3x6                |      |
| 117   | 0802 5206  | Tapping Screw - M3x8                |      |
| 120   | 0951 3006B | Philips Screw With Flat Washer-M3x6 |      |
| 122   | 0954 3006B | Screw - M3X6                        |      |
| 136   | 1102 4473  | CT Connector - 2P                   |      |

# 10. MAIN FRAME 1



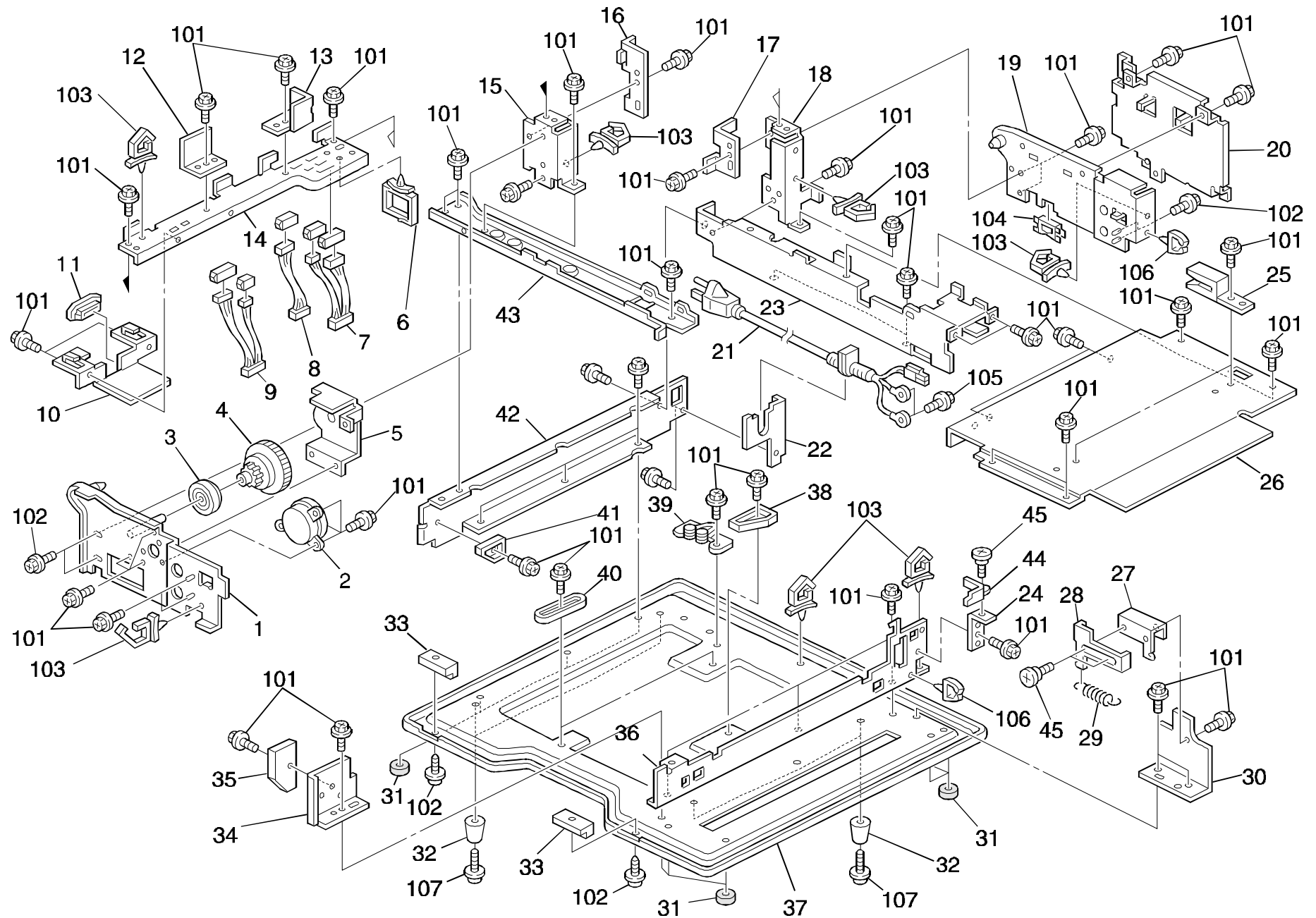
## 10. MAIN FRAME 1

| INDEX | PARTS NO. | DESCRIPTION                       | Note |
|-------|-----------|-----------------------------------|------|
| 1     | H521 3352 | Bracket - Plotter Base Connection |      |
| 2     | H515 2199 | Front Fixing Plate                |      |
| 3     | H521 3143 | Bracket - Ozone Filter            |      |
| 4     | H521 3166 | Ozone Filter - 10                 |      |
| 5     | H515 5041 | Ozone Fan Motor - DC24V;1.44W     |      |
| 6     | H521 3154 | Duct - Ozone Filter               |      |
| 7     | H521 3120 | Bracket - Lock - Front            |      |
| 8     | H521 1166 | Lower Stopper Bracket             |      |
| 9     | H521 3152 | Sponge - Base - Rear              |      |
| 10    | H521 3151 | Sponge - Base - Upper Left        |      |
| 11    | H521 3153 | Sponge - Base - Left - Middle     |      |
| 12    | H521 3156 | Sponge - Registration - 1         |      |
| 13    | H521 3128 | Inner Cover - 2                   |      |
| 14    | H521 3144 | Harness Clamp                     |      |
| 15    | H521 3150 | Sponge - Cooling Fan - 4          |      |
| 16    | H521 3148 | Sponge - Cooling Fan - 2          |      |
| 17    | H521 3147 | Sponge - Cooling Fan - 1          |      |
| 18    | H521 3149 | Sponge - Cooling Fan - 3          |      |
| 19    | H515 3114 | Slider - Interlock SW.            |      |
| 20    | H515 3111 | Bracket - Interlock SW.           |      |
| 21    | H515 3112 | Actuator - Interlock SW.          |      |
| 22    | H521 3133 | Bracket - Cooling Fan             |      |
| 23    | H521 3135 | Support Bracket                   |      |
| 24    | H521 5324 | Relay Harness - Interlock - 5V    |      |
| 25    | H081 5043 | Interlock Switch - LD             |      |
| 26    | H521 5323 | Harness - Interlock - 5V          |      |
| 27    | H521 5325 | Harness - Interlock - 24V         |      |
| 28    | H521 5054 | Registration Sensor               |      |
| 29    | H521 3365 | Bracket - Pressure Roller         |      |
| 30    | H521 3340 | Pressure Roller - Registration    |      |
| 31    | H521 3318 | Shaft - Pressure Roller - 1       |      |
| 32    | H521 3320 | Spring - Pressure Roller - 1      |      |

| INDEX | PARTS NO.  | DESCRIPTION                        | Note |
|-------|------------|------------------------------------|------|
| 33    | H521 3341  | Pressure Roller - 43               |      |
| 34    | H521 3319  | Shaft - Pressure Roller - 2        |      |
| 35    | H521 3322  | Spring - Pressure Roller - 2       |      |
| 36    | H521 3370  | Guard - Sheet - Pressure Roller    |      |
| 37    | H521 3145  | Sponge - Lock - Front              |      |
| 38    | H521 3157  | Sponge - Registration - 2          |      |
| 39    | H516 3146  | Bracket - Toner End Sensor         |      |
| 40    | H515 5050  | Toner End Sensor                   |      |
| 41    | H521 5310  | Harness - Sen1                     |      |
| 42    | H521 3159  | Sponge - Power Pack - 2            |      |
| 43    | H521 3379  | Sponge - Bracket - Pressure Roller |      |
| 44    | H521 3160  | Sponge - Base - Bottom             |      |
| 45    | H521 3161  | Seal - Base - Bottom - 1           |      |
| 46    | H521 3162  | Seal - Base - Bottom - 2           |      |
| 47    | H521 3158  | Sponge - Power Pack - 1            |      |
| 48    | H521 5057  | Ground Wire - Pressure Roller      |      |
| 49    | H521 5042  | Ground Wire - Lock - Front         |      |
| 50    | H521 5043  | Ground Wire - Lock - Rear          |      |
| 51    | H521 3386  | Spring Plate - Left                |      |
| 52    | H521 3387  | Spring Plate - Right               |      |
| 53    | H515 3110  | Base - Plotter                     |      |
| 54    | H521 5041  | Fan Motor - Fusing                 |      |
| 55    | H521 3123  | Bracket - Lock - Rear              |      |
|       |            |                                    |      |
| 101   | 0443 0060W | Hexagon Head Tapping Screw - M3x6  |      |
| 102   | 0313 0060B | Philips Pan Head Screw - M3x6      |      |
| 103   | 0802 5206  | Tapping Screw - M3x8               |      |
| 104   | 1204 2334  | Safety Switch - FA1I-AA20          |      |
| 105   | 0313 0080B | Philips Pan Head Screw - M3x8      |      |
| 106   | 1105 0344  | Clamp                              |      |



## 11. MAIN FRAME 2

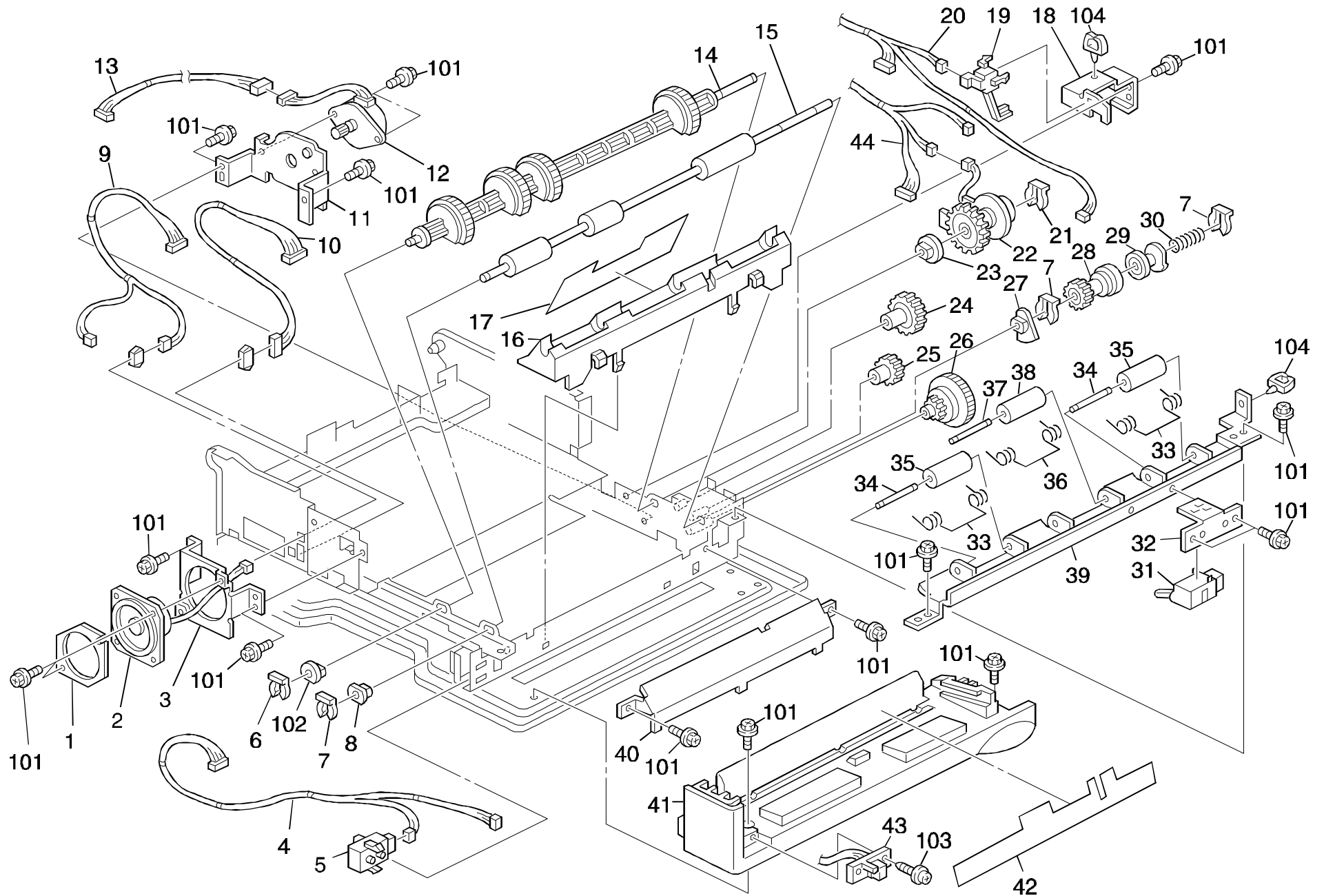


## 11. MAIN FRAME 2

| INDEX | PARTS NO. | DESCRIPTION                   | Note |
|-------|-----------|-------------------------------|------|
| 1     | H521 3113 | Bracket - Fulcrum - Front     |      |
| 2     | H521 3116 | Oil Damper                    |      |
| 3     | H521 3118 | Collar - Oil Damper           |      |
| 4     | H521 3117 | Gear - Oil Damper             |      |
| 5     | H521 3119 | Bracket - Oil Damper          |      |
| 6     | H516 3147 | Harness Clamper - Base        |      |
| 7     | H521 5313 | Harness - Size Sensor - Book  |      |
| 8     | H521 5314 | Relay Harness - Scanner Motor |      |
| 9     | H521 5315 | Relay Harness - ADF Motor     |      |
| 10    | H521 3142 | Bracket - Harness             |      |
| 11    | H004 3755 | Square Bushing                |      |
| 12    | H521 3139 | Bracket - Ground - 1          |      |
| 13    | H521 3140 | Bracket - Ground - 2          |      |
| 14    | H521 3112 | Stay - Left                   |      |
| 15    | H521 3110 | Support Bracket - Front       |      |
| 16    | H521 3138 | Bracket - Cover - Front       |      |
| 17    | H521 3137 | Bracket - Cover - Raer        |      |
| 18    | H521 3111 | Support Bracket - Rear        |      |
| 19    | H521 3129 | Bracket - Fulcrum - Rear      |      |
| 20    | H521 3134 | Bracket - PSU                 |      |
| 21    | H521 5357 | Power Cord - 115V             |      |
| 22    | H521 3141 | Bracket - Power Cord          |      |
| 23    | H521 3338 | Stay - Rear                   |      |
| 24    | H521 3376 | Bracket - Link                |      |
| 25    | H521 3342 | Holder - FCU                  |      |
| 26    | H521 3337 | Cover - FCU                   |      |
| 27    | H521 3377 | Bracket - Lever               |      |
| 28    | H521 3374 | Lever                         |      |
| 29    | H521 3373 | Spring - Lever                |      |
| 30    | H521 3364 | Guide Plate - Rear            |      |
| 31    | H521 3380 | Sponge - Base                 |      |
| 32    | H521 3350 | Rubber Foot                   |      |

| INDEX | PARTS NO.  | DESCRIPTION                       | Note |
|-------|------------|-----------------------------------|------|
| 33    | H521 3347  | Guide - Cassette - Lower          |      |
| 34    | H521 3344  | Guide Bracket - Cassette          |      |
| 35    | H521 3345  | Guide - Cassette - Upper Right    |      |
| 36    | H521 3334  | Side Plate - Right                |      |
| 37    | H521 3330  | Base                              |      |
| 38    | H521 3348  | Guide - Stopper                   |      |
| 39    | 5409 1238  | Rotary Catch                      |      |
| 40    | H521 3349  | Rail                              |      |
| 41    | H521 3346  | Guide - Cassette - Upper Left     |      |
| 42    | H521 3333  | Side Plate - Left                 |      |
| 43    | H521 3371  | Stay - Front                      |      |
| 44    | H521 3375  | Link - Registration               |      |
| 45    | 5447 2768  | Stepped Screw - M3                |      |
| 101   | 0443 0060W | Hexagon Head Tapping Screw - M3x6 |      |
| 102   | 0802 5206  | Tapping Screw - M3x8              |      |
| 103   | 1105 0310  | Wire Clamp                        |      |
| 104   | 1105 0322  | Cord Bushing                      |      |
| 105   | 0954 3006B | Screw - M3X6                      |      |
| 106   | 1105 0344  | Clamp                             |      |
| 107   | 0443 0080W | Hexagon Head Tapping Screw - M3x8 |      |

## 12. PAPER REGISTRATION

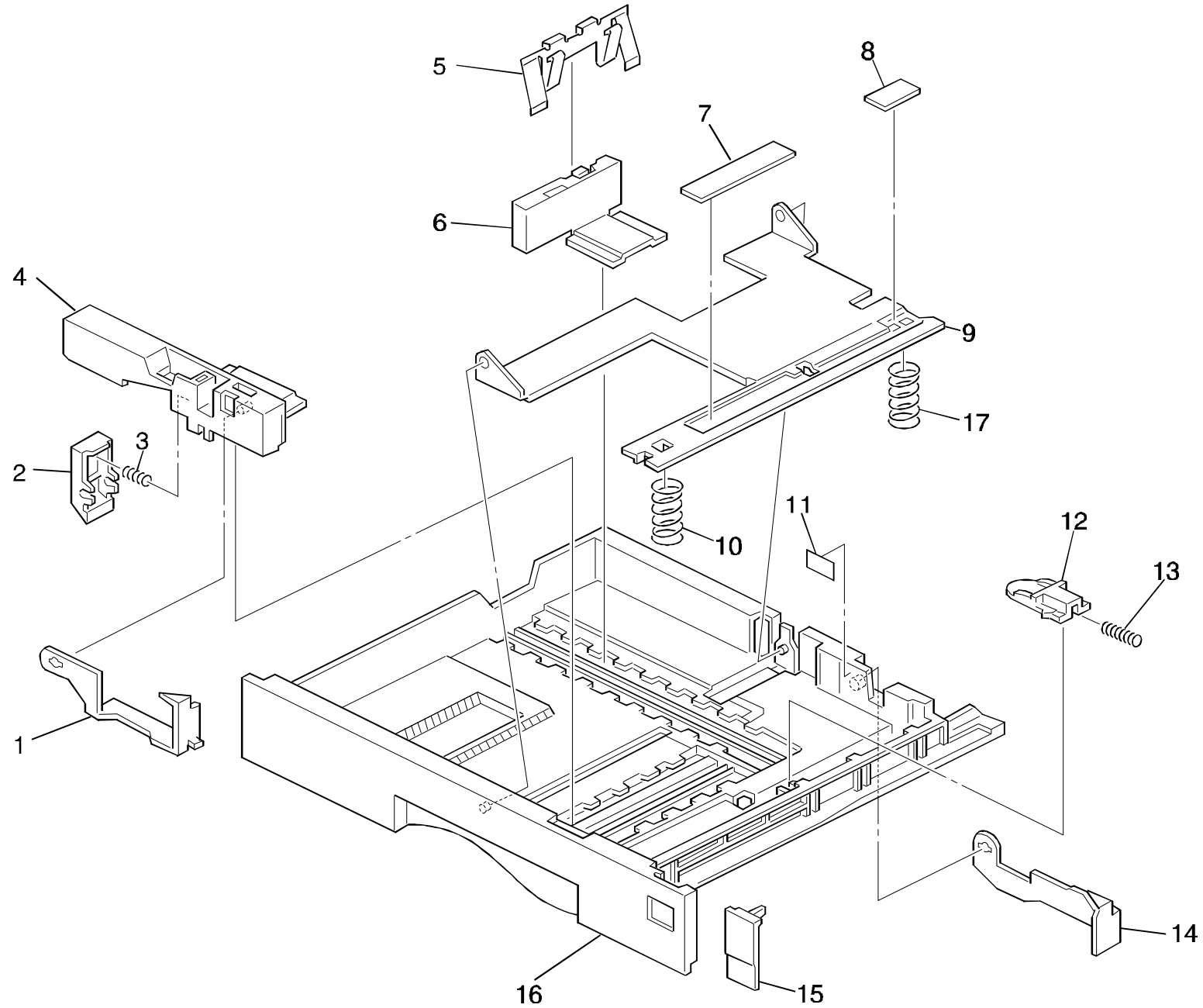


## 12. PAPER REGISTRATION

| INDEX | PARTS NO. | DESCRIPTION                          | Note |
|-------|-----------|--------------------------------------|------|
| 1     | H004 1131 | Speaker Holder                       |      |
| 2     | H515 5049 | Monitor Speaker                      |      |
| 3     | H515 3124 | Bracket - Speaker                    |      |
| 4     | H521 5301 | Harness - Paper Size                 |      |
| 5     | H515 5054 | Paper Size Sensor                    |      |
| 6     | H521 3355 | C Ring - Paper Feed Roller           |      |
| 7     | H006 2383 | Snap Ring                            |      |
| 8     | H521 3357 | Bushing - Registration Roller        |      |
| 9     | H521 5308 | Harness - Lamp Stabilizer            |      |
| 10    | H521 5303 | Harness - Power Pack                 |      |
| 11    | H521 3314 | Bracket - Paper Feed Motor           |      |
| 12    | H521 5055 | Paper Feed Motor - DC24V;0.54A       |      |
| 13    | H521 5330 | Harness - Paper Feed Motor           |      |
| 14    | H521 3332 | Paper Feed Roller                    |      |
| 15    | H521 3331 | Registration Roller                  |      |
| 16    | H521 3339 | Paper Guide - Registration           |      |
| 17    | H521 3366 | Sheet - Paper Guide                  |      |
| 18    | H521 3353 | Bracket - Paper End Sensor           |      |
| 19    | H521 5052 | Paper End Sensor                     |      |
| 20    | H521 5311 | Harness - Sen2                       |      |
| 21    | H020 3623 | Snap Ring - Registration Roller      |      |
| 22    | H521 5051 | Paper Feed Clutch                    |      |
| 23    | H521 3356 | Bushing - Paper Feed Roller          |      |
| 24    | H521 3312 | Gear - 25                            |      |
| 25    | H521 3313 | Gear - 16                            |      |
| 26    | H521 3311 | Gear - 15/70                         |      |
| 27    | H521 3367 | Bushing - Registration Roller - Rear |      |
| 28    | H521 3310 | Gear - Registration                  |      |
| 29    | H521 3378 | Ratchet                              |      |
| 30    | H521 3372 | Spring - Slider                      |      |
| 31    | H521 5056 | Manual Feed Sensor                   |      |
| 32    | H521 3369 | Bracket - Bypass Sensor              |      |

| INDEX | PARTS NO.  | DESCRIPTION                       | Note |
|-------|------------|-----------------------------------|------|
| 33    | H521 3325  | Spring - Pressure Roller - 1      |      |
| 34    | H521 3318  | Shaft - Pressure Roller - 1       |      |
| 35    | H521 3340  | Pressure Roller - Registration    |      |
| 36    | H521 3326  | Spring - Pressure Roller - 2      |      |
| 37    | H521 3319  | Shaft - Pressure Roller - 2       |      |
| 38    | H521 3341  | Pressure Roller - 43              |      |
| 39    | H521 3368  | Paper Guide - Upper               |      |
| 40    | H521 3516  | Paper Guide - Bypass              |      |
| 41    | H521 3515  | Holder - 100 Sheet Cassette       |      |
| 42    | H521 3537  | Sheet - Guide Plate - Bypass      |      |
| 43    | H521 5079  | Harness - Main                    |      |
| 44    | H521 5334  | Harness - Motor/counter           |      |
| 101   | 0443 0060W | Hexagon Head Tapping Screw - M3x6 |      |
| 102   | 0805 3386  | Bushing - 8mm                     |      |
| 103   | 0802 5206  | Tapping Screw - M3x8              |      |
| 104   | 1105 0344  | Clamp                             |      |

## 13. CASSETTE

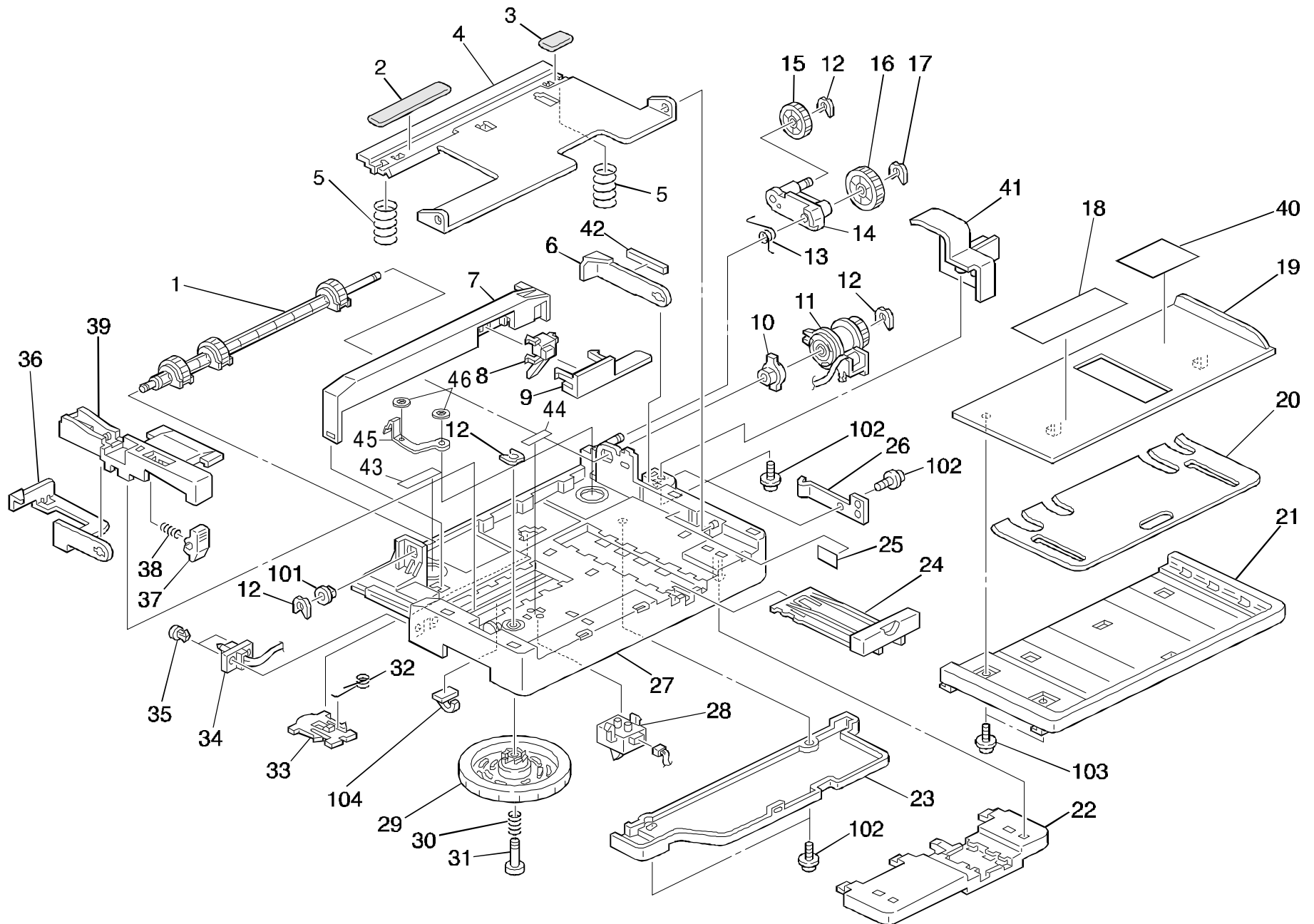


## 13. CASSETTE

| INDEX | PARTS NO. | DESCRIPTION                         | Note |
|-------|-----------|-------------------------------------|------|
| 1     | H521 3415 | Separation Hook - Front             |      |
| 2     | H521 3412 | Knob - Cassette                     |      |
| 3     | H521 3413 | Spring - Knob - Cassette            |      |
| 4     | H521 3411 | Side Fense                          |      |
| 5     | H521 3434 | Spring Plate - End Fense            |      |
| 6     | H521 3414 | End Fense - Cassette                |      |
| 7     | H521 3420 | Pad - Bottom Plate - Large          |      |
| 8     | H521 3419 | Friction Pad - Bottom Plate - Small |      |
| 9     | H521 3418 | Bottom Plate                        |      |
| 10    | H521 3421 | Spring - Bottom Plate               |      |
| 11    | A048 6149 | Decal - Manual Feed                 |      |
| 12    | H521 3436 | Lock - Bottom Plate                 |      |
| 13    | H521 3423 | Spring - Lock                       |      |
| 14    | H521 3416 | Separation Hook - Rear              |      |
| 15    | H521 3424 | Paper Size Indicator - B4           |      |
| 15    | H521 3426 | Paper Size Indicator - A4           |      |
| 16    | H515 3410 | Cassette Base                       |      |
| 17    | H521 3438 | Bottom Spring                       |      |

| INDEX | PARTS NO. | DESCRIPTION | Note |
|-------|-----------|-------------|------|
|       |           |             |      |

## 14. 100 SHEET CASSETTE (OPTION)



## 14. 100 SHEET CASSETTE (OPTION)

| INDEX | PARTS NO. | DESCRIPTION                     | Note |
|-------|-----------|---------------------------------|------|
| 1     | H515 3511 | Paper Feed Roller               |      |
| 2     | H515 3529 | Friction Pad - Large            |      |
| 3     | H515 3530 | Friction Pad - Small            |      |
| 4     | H515 3517 | Bottom Plate - Cassette         |      |
| 5     | H515 3532 | Spring - Bottom Plate           |      |
| 6     | H515 3524 | Corner Separator - Right        |      |
| 7     | H515 3525 | Bracket - Paper End Sensor      |      |
| 8     | H515 5076 | Paper End Sensor                |      |
| 9     | H515 3545 | Cover - Paper End Sensor        |      |
| 10    | H515 3531 | Bushing - Paper Feed Roller     |      |
| 11    | H515 5075 | Paper Feed Clutch               |      |
| 12    | H515 3543 | Retaining Ring - M4             |      |
| 13    | H515 3533 | Spring - Gear Arm               |      |
| 14    | H515 3526 | Bracket - Gear Arm              |      |
| 15    | H515 3528 | Gear - Z26                      |      |
| 16    | H515 3527 | Gear - Z32                      |      |
| 17    | H515 3544 | E-ring - JR-E6                  |      |
| 18    | H515 3555 | Decal - Paper Set               |      |
| 19    | H515 3550 | Cover - Bypass Feed             |      |
| 20    | H515 3552 | Bypass Feed Table Ass'y         |      |
| 21    | H515 3518 | Cover - Cassette                |      |
| 22    | H515 3540 | Paper Tray Extension            |      |
| 23    | H515 3546 | Lower Cover                     |      |
| 24    | H515 3522 | End Fence                       |      |
| 25    | H515 3554 | Decal - Paper Limit             |      |
| 26    | H515 3539 | Spring Plate - Lock             |      |
| 27    | H516 3510 | Paper Tray - 100 Sheet Cassette |      |
| 28    | H515 5054 | Paper Size Sensor               |      |
| 29    | H515 3519 | Paper Size Indicator            |      |
| 30    | H515 3535 | Spring - Paper Size Indicator   |      |
| 31    | H515 3539 | Spring Plate - Lock             |      |
| 32    | H516 3426 | Spring - Lock - Bottom Plate    |      |

| INDEX | PARTS NO. | DESCRIPTION                | Note |
|-------|-----------|----------------------------|------|
| 33    | H516 3425 | Lock - Bottom Plate        |      |
| 34    | H515 5080 | Relay Harness Assembly     |      |
| 35    | H515 3542 | Rivet                      |      |
| 36    | H515 3523 | Corner Separator - Left    |      |
| 37    | H515 3521 | Knob - Side Fence          |      |
| 38    | H515 3534 | Spring - Side Fence        |      |
| 39    | H515 3520 | Side Fence                 |      |
| 40    | H516 3582 | Decal - Bypass Feed        |      |
| 41    | H515 3541 | Gear Cover                 |      |
| 42    | H515 3553 | Stopper - Corner Separator |      |
| 43    | H515 3581 | Spacer                     |      |
| 44    | H515 3595 | Spacer                     |      |
| 45    | H515 3580 | Grounding Plate            |      |
| 46    | H515 2394 | CS Stopper                 |      |
|       |           |                            |      |
| 101   | 0805 3386 | Bushing - 8mm              |      |
| 102   | 0802 5205 | Tapping Screw - M3x6       |      |
| 103   | 0802 5206 | Tapping Screw - M3x8       |      |
| 104   | 1105 0283 | Clamp                      |      |



# **PARTS INDEX**

| PART N O. | DESCRIPTION                   | INDEX  |
|-----------|-------------------------------|--------|
| H521 1050 | Carriage - Scanner            | 11- 28 |
| H521 1054 | Slider - Carriage             | 11- 29 |
| H521 1057 | Spring - Image Sensor         | 11- 30 |
| H521 1058 | Base - Main                   | 13- 8  |
| H521 1060 | Base - Rear                   | 13- 18 |
| H521 1061 | Shaft - Slider                | 11- 26 |
| H521 1062 | Rail - Scanner                | 11- 20 |
| H521 1064 | Motor Bracket                 | 11- 13 |
| H521 1069 | Holder - Flat Cable           | 11- 21 |
| H521 1070 | Contact Image Sensor - B4     | 11- 27 |
| H521 1071 | Spring Plate                  | 11- 17 |
| H521 1072 | Bracket - Flat Cable Holder   | 11- 8  |
| H521 1073 | Bushing - M10                 | 13- 2  |
| H521 1074 | Timing Belt                   | 11- 15 |
| H521 1075 | Bracket - Pulley - Scanner    | 11- 25 |
| H521 1078 | Pulley - Scanner              | 11- 22 |
| H521 1079 | Wire - Scanner Drive          | 11- 32 |
| H521 1080 | Spring - Wire                 | 11- 34 |
| H521 1081 | Pulley - Scanner              | 11- 14 |
| H521 1082 | Ground Plate - Front          | 11- 10 |
| H521 1084 | Gear - Scanner Unit           | 13- 1  |
| H521 1085 | Ground Plate - Rear           | 11- 9  |
| H521 1088 | Lock Lever - Scanner Unit     | 13- 23 |
| H521 1089 | Fulcrum - Scanner Unit - Rear | 13- 20 |
| H521 1090 | Bracket - Lock Lever - Front  | 13- 30 |
| H521 1093 | Bracket - Lock Lever - Rear   | 13- 21 |
| H521 1096 | Spring - Lock Lever           | 13- 31 |
| H521 1099 | Release Lever - Cover Open    | 13- 13 |
| H521 1100 | Spring - CTM                  | 13- 32 |
| H521 1101 | Spring - Center               | 13- 4  |
| H521 1103 | Upper Cover                   | 3- 15  |
| H521 1105 | Platen Cover Ass'y            | 3- 11  |
| H521 1110 | Exposure Glass                | 3- 16  |

| PART N O. | DESCRIPTION                | INDEX  |
|-----------|----------------------------|--------|
| H521 1112 | Bracket - Center           | 13- 6  |
| H521 1115 | Pin - CTM                  | 13- 5  |
| H521 1122 | Bracket - Wire             | 11- 31 |
| H521 1127 | Stopper - Shaft - Scanner  | 11- 24 |
| H521 1130 | Bracket - Harness - 1      | 13- 14 |
| H521 1132 | Bracket - Harness - 2      | 13- 15 |
| H521 1133 | Bracket - Harness - 3      | 13- 11 |
| H521 1140 | Stopper - Upper            | 11- 5  |
| H521 1141 | Stopper - Lower            | 11- 3  |
| H521 1142 | Pin - Stopper              | 11- 4  |
| H521 1143 | Spring - Stopper           | 11- 1  |
| H521 1144 | Pin - CTM - Long           | 13- 22 |
| H521 1145 | Bracket - Fusing Support   | 13- 27 |
| H521 1146 | Sponge - Fusing - 1        | 13- 29 |
| H521 1148 | Sponge - Fusing - 3        | 13- 25 |
| H521 1150 | Cushion - Scanner Motor    | 11- 12 |
| H521 1151 | Handle - Stopper           | 11- 2  |
| H521 1154 | Sponge - Fusing - 5        | 13- 26 |
| H521 1155 | Bracket - Stopper - Base   | 11- 7  |
| H521 1156 | Decal - Cover Open         | 5- 25  |
| H521 1159 | Spring Plate - CTM         | 13- 34 |
| H521 1160 | Stopper                    | 3- 27  |
| H521 1161 | Stopper - Carriage         | 11- 36 |
| H521 1162 | Front Base                 | 13- 7  |
| H521 1164 | Upper Stopper Bracket      | 11- 6  |
| H521 1166 | Lower Stopper Bracket      | 21- 8  |
| H521 1168 | Sheet - Flexible Board - 1 | 13- 36 |
| H521 1169 | Sheet - Flexible Board - 2 | 11- 37 |
| H521 1170 | Sheet - Flexible Board - 3 | 13- 35 |
| H521 1171 | Sponge - Fusing - 6        | 13- 24 |
| H521 1172 | Sheet - Lever - Lock       | 13- 37 |
| H521 1174 | Scale - Lengthwise         | 3- 13  |
| H521 1175 | Scale - Widthwise          | 3- 12  |

| PART N O. | DESCRIPTION                 | INDEX |
|-----------|-----------------------------|-------|
| H521 1210 | ADF Roller Unit             | 7- 41 |
| H521 1214 | Base - ADF                  | 7- 35 |
| H521 1250 | R0 Roller                   | 9- 19 |
| H521 1251 | R1 Roller                   | 9- 20 |
| H521 1252 | R2 Roller                   | 9- 42 |
| H521 1254 | Lower Guide Plate           | 9- 39 |
| H521 1257 | Upper Cover - ADF           | 7- 1  |
| H521 1258 | Separation Guide            | 9- 21 |
| H521 1259 | Guide Plate R2              | 7- 29 |
| H521 1261 | Front Side Plate            | 9- 1  |
| H521 1264 | Rear Side Plate             | 9- 28 |
| H521 1267 | Motor Bracket               | 9- 33 |
| H521 1268 | Bracket - Pickup            | 7- 21 |
| H521 1276 | Shaft - Separation Unit     | 9- 16 |
| H521 1278 | Exposure Glass - ADF Option | 7- 37 |
| H521 1279 | Joint Gear                  | 9- 30 |
| H521 1280 | Pulley R1                   | 9- 23 |
| H521 1281 | R2 Drive Gear               | 9- 4  |
| H521 1282 | Joint Gear                  | 9- 7  |
| H521 1283 | Front Drive Gear - Reverse  | 9- 8  |
| H521 1284 | Front Drive Gear - Feed     | 9- 9  |
| H521 1285 | Middle Drive Gear - Reverse | 9- 18 |
| H521 1286 | Gear - Feed Roller          | 7- 18 |
| H521 1287 | Gear - Pickup Roller        | 7- 25 |
| H521 1288 | Collar - Pickup             | 7- 24 |
| H521 1289 | Pressure Plate              | 9- 46 |
| H521 1290 | Busing                      | 9- 10 |
| H521 1292 | Shaft - Feed Roller         | 7- 17 |
| H521 1293 | Joint Shaft                 | 9- 11 |
| H521 1294 | Shaft - Pickup              | 7- 16 |
| H521 1295 | Shaft - Separation Roller   | 9- 15 |
| H521 1296 | Bushing                     | 9- 17 |
| H521 1297 | Lock Lever                  | 9- 6  |

| PART N O. | DESCRIPTION               | INDEX |
|-----------|---------------------------|-------|
| H521 1299 | Lock Shaft                | 9- 43 |
| H521 1300 | Spring Plate              | 9- 25 |
| H521 1301 | Pressure Roller - R1      | 7- 8  |
| H521 1302 | Guide Roller R2           | 7- 33 |
| H521 1303 | Spring Plate - R0         | 7- 5  |
| H521 1304 | Spring R1                 | 7- 4  |
| H521 1305 | Spring Plate R2           | 7- 31 |
| H521 1306 | Guide Roller Shaft        | 7- 10 |
| H521 1307 | Guide Roller Shaft        | 7- 7  |
| H521 1308 | Lock Spring               | 9- 2  |
| H521 1309 | Timing Belt               | 9- 31 |
| H521 1310 | Pin Shaft                 | 7- 36 |
| H521 1311 | Busing                    | 9- 5  |
| H521 1312 | Pressuer Shaft Holder     | 9- 44 |
| H521 1314 | Spring Clutch - M6        | 7- 14 |
| H521 1316 | Spring Clutch - M9        | 7- 19 |
| H521 1317 | Pressure Spring           | 7- 40 |
| H521 1319 | Exit Roller Colar         | 7- 32 |
| H521 1320 | Original Table            | 3- 25 |
| H521 1321 | Release Lever             | 9- 47 |
| H521 1322 | Front Guide - Original    | 3- 23 |
| H521 1323 | Rear Guide - Original     | 3- 22 |
| H521 1324 | Original Guide Cover      | 3- 20 |
| H521 1325 | Original Guide Gear       | 3- 24 |
| H521 1327 | Cover - Front - ADF       | 7- 9  |
| H521 1328 | Cover - Rear - ADF        | 7- 22 |
| H521 1329 | Cover - Front/lower - ADF | 7- 38 |
| H521 1330 | Cover - Rear/lower - ADF  | 7- 28 |
| H521 1331 | Antistatic Brush          | 9- 40 |
| H521 1333 | Shielding Sheet           | 9- 45 |
| H521 1334 | Guide Mylar - Front       | 7- 3  |
| H521 1335 | Bushing - 8x10mm          | 9- 27 |
| H521 1336 | Lock Spring               | 9- 3  |

| PART N O. | DESCRIPTION               | INDEX  |
|-----------|---------------------------|--------|
| H521 1337 | Guide Roller R0           | 7- 12  |
| H521 1340 | Pulley R2                 | 9- 24  |
| H521 1341 | Plessuer Spring           | 9- 41  |
| H521 1342 | Guide Mylar - Rear        | 7- 2   |
| H521 1348 | Collor R0                 | 7- 11  |
| H521 1350 | Pad - Pick-up             | 9- 22  |
| H521 1353 | Harness Cover             | 3- 14  |
| H521 1354 | Collar R1                 | 7- 6   |
| H521 1356 | Sheet                     | 3- 19  |
| H521 1357 | Decal - Original Level    | 3- 21  |
| H521 1358 | Motor Cushion             | 9- 35  |
| H521 1359 | Decal - Original Table    | 3- 26  |
| H521 1360 | Spring                    | 9- 48  |
| H521 1364 | Guide Sheet               | 7- 39  |
| H521 1365 | Antistatic Brushi         | 9- 49  |
| H521 1366 | ADF Pickup Roller         | 7- 23  |
| H521 1367 | Feed Roller               | 7- 20  |
| H521 1368 | Sheet - Interlock SW.     | 7- 42  |
| H521 1372 | Reverse Rollefr           | 9- 12  |
| H521 1374 | Bracket - Reverse         | 9- 13  |
| H521 2041 | LD Unit                   | 5- 19  |
| H521 2041 | LD Unit                   | 15- 1  |
| H521 2111 | Pressure Roller - B4      | 19- 51 |
| H521 2112 | Upper Case - Fusing - B4  | 19- 8  |
| H521 2115 | Spring - Pressure Roller  | 19- 48 |
| H521 2184 | Decal - Warning           | 19- 66 |
| H521 3110 | Support Bracket - Front   | 23- 15 |
| H521 3111 | Support Bracket - Rear    | 23- 18 |
| H521 3112 | Stay - Left               | 23- 14 |
| H521 3113 | Bracket - Fulcrum - Front | 23- 1  |
| H521 3116 | Oil Damper                | 23- 2  |
| H521 3117 | Gear - Oil Damper         | 23- 4  |
| H521 3118 | Collar - Oil Damper       | 23- 3  |

| PART N O. | DESCRIPTION                   | INDEX  |
|-----------|-------------------------------|--------|
| H521 3119 | Bracket - Oil Damper          | 23- 5  |
| H521 3120 | Bracket - Lock - Front        | 21- 7  |
| H521 3123 | Bracket - Lock - Rear         | 21- 55 |
| H521 3127 | Inner Cover - 1               | 5- 20  |
| H521 3128 | Inner Cover - 2               | 21- 13 |
| H521 3129 | Bracket - Fulcrum - Rear      | 23- 19 |
| H521 3133 | Bracket - Cooling Fan         | 21- 22 |
| H521 3134 | Bracket - PSU                 | 23- 20 |
| H521 3135 | Support Bracket               | 21- 23 |
| H521 3136 | Bracket - FCU                 | 5- 6   |
| H521 3137 | Bracket - Cover - Raer        | 23- 17 |
| H521 3138 | Bracket - Cover - Front       | 23- 16 |
| H521 3139 | Bracket - Ground - 1          | 23- 12 |
| H521 3140 | Bracket - Ground - 2          | 23- 13 |
| H521 3141 | Bracket - Power Cord          | 23- 22 |
| H521 3142 | Bracket - Harness             | 23- 10 |
| H521 3143 | Bracket - Ozone Filter        | 21- 3  |
| H521 3144 | Harness Clamp                 | 21- 14 |
| H521 3145 | Sponge - Lock - Front         | 21- 37 |
| H521 3147 | Sponge - Cooling Fan - 1      | 21- 17 |
| H521 3148 | Sponge - Cooling Fan - 2      | 21- 16 |
| H521 3149 | Sponge - Cooling Fan - 3      | 21- 18 |
| H521 3150 | Sponge - Cooling Fan - 4      | 21- 15 |
| H521 3151 | Sponge - Base - Upper Left    | 21- 10 |
| H521 3152 | Sponge - Base - Rear          | 21- 9  |
| H521 3153 | Sponge - Base - Left - Middle | 21- 11 |
| H521 3154 | Duct - Ozone Filter           | 21- 6  |
| H521 3156 | Sponge - Registration - 1     | 21- 12 |
| H521 3157 | Sponge - Registration - 2     | 21- 38 |
| H521 3158 | Sponge - Power Pack - 1       | 21- 47 |
| H521 3159 | Sponge - Power Pack - 2       | 21- 42 |
| H521 3160 | Sponge - Base - Bottom        | 21- 44 |
| H521 3161 | Seal - Base - Bottom - 1      | 21- 45 |

| PART N O. | DESCRIPTION                    | INDEX  |
|-----------|--------------------------------|--------|
| H521 3162 | Seal - Base - Bottom - 2       | 21- 46 |
| H521 3164 | Pin - Right Fulcrum            | 5- 16  |
| H521 3165 | Bracket - Pif                  | 5- 26  |
| H521 3166 | Ozone Filter - 10              | 21- 4  |
| H521 3169 | Heat Sink                      | 5- 22  |
| H521 3310 | Gear - Registration            | 25- 28 |
| H521 3311 | Gear - 15/70                   | 25- 26 |
| H521 3312 | Gear - 25                      | 25- 24 |
| H521 3313 | Gear - 16                      | 25- 25 |
| H521 3314 | Bracket - Paper Feed Motor     | 25- 11 |
| H521 3318 | Shaft - Pressure Roller - 1    | 21- 31 |
| H521 3318 | Shaft - Pressure Roller - 1    | 25- 34 |
| H521 3319 | Shaft - Pressure Roller - 2    | 21- 34 |
| H521 3319 | Shaft - Pressure Roller - 2    | 25- 37 |
| H521 3320 | Spring - Pressure Roller - 1   | 21- 32 |
| H521 3322 | Spring - Pressure Roller - 2   | 21- 35 |
| H521 3325 | Spring - Pressure Roller - 1   | 25- 33 |
| H521 3326 | Spring - Pressure Roller - 2   | 25- 36 |
| H521 3330 | Base                           | 23- 37 |
| H521 3331 | Registration Roller            | 25- 15 |
| H521 3332 | Paper Feed Roller              | 25- 14 |
| H521 3333 | Side Plate - Left              | 23- 42 |
| H521 3334 | Side Plate - Right             | 23- 36 |
| H521 3337 | Cover - FCU                    | 23- 26 |
| H521 3338 | Stay - Rear                    | 23- 23 |
| H521 3339 | Paper Guide - Registration     | 25- 16 |
| H521 3340 | Pressure Roller - Registration | 21- 30 |
| H521 3340 | Pressure Roller - Registration | 25- 35 |
| H521 3341 | Pressure Roller - 43           | 21- 33 |
| H521 3341 | Pressure Roller - 43           | 25- 38 |
| H521 3342 | Holder - FCU                   | 23- 25 |
| H521 3344 | Guide Bracket - Cassette       | 23- 34 |
| H521 3345 | Guide - Cassette - Upper Right | 23- 35 |

| PART N O. | DESCRIPTION                          | INDEX  |
|-----------|--------------------------------------|--------|
| H521 3346 | Guide - Cassette - Upper Left        | 23- 41 |
| H521 3347 | Guide - Cassette - Lower             | 23- 33 |
| H521 3348 | Guide - Stopper                      | 23- 38 |
| H521 3349 | Rail                                 | 23- 40 |
| H521 3350 | Rubber Foot                          | 23- 32 |
| H521 3352 | Bracket - Plotter Base Connection    | 21- 1  |
| H521 3353 | Bracket - Paper End Sensor           | 25- 18 |
| H521 3355 | C Ring - Paper Feed Roller           | 25- 6  |
| H521 3356 | Bushing - Paper Feed Roller          | 25- 23 |
| H521 3357 | Bushing - Registration Roller        | 25- 8  |
| H521 3361 | By-pass Feed Table                   | 3- 18  |
| H521 3364 | Guide Plate - Rear                   | 23- 30 |
| H521 3365 | Bracket - Pressure Roller            | 21- 29 |
| H521 3366 | Sheet - Paper Guide                  | 25- 17 |
| H521 3367 | Bushing - Registration Roller - Rear | 25- 27 |
| H521 3368 | Paper Guide - Upper                  | 25- 39 |
| H521 3369 | Bracket - Bypass Sensor              | 25- 32 |
| H521 3370 | Guard - Sheet - Pressure Roller      | 21- 36 |
| H521 3371 | Stay - Front                         | 23- 43 |
| H521 3372 | Spring - Slider                      | 25- 30 |
| H521 3373 | Spring - Lever                       | 23- 29 |
| H521 3374 | Lever                                | 23- 28 |
| H521 3375 | Link - Registration                  | 23- 44 |
| H521 3376 | Bracket - Link                       | 23- 24 |
| H521 3377 | Bracket - Lever                      | 23- 27 |
| H521 3378 | Ratchet                              | 25- 29 |
| H521 3379 | Sponge - Bracket - Pressure Roller   | 21- 43 |
| H521 3380 | Sponge - Base                        | 23- 31 |
| H521 3386 | Spring Plate - Left                  | 21- 51 |
| H521 3387 | Spring Plate - Right                 | 21- 52 |
| H521 3411 | Side Fense                           | 27- 4  |
| H521 3412 | Knob - Cassette                      | 27- 2  |
| H521 3413 | Spring - Knob - Cassette             | 27- 3  |

| PART N O. | DESCRIPTION                         | INDEX  |
|-----------|-------------------------------------|--------|
| H521 3414 | End Fense - Cassette                | 27- 6  |
| H521 3415 | Separation Hook - Front             | 27- 1  |
| H521 3416 | Separation Hook - Rear              | 27- 14 |
| H521 3418 | Bottom Plate                        | 27- 9  |
| H521 3419 | Friction Pad - Bottom Plate - Small | 27- 8  |
| H521 3420 | Pad - Bottom Plate - Large          | 27- 7  |
| H521 3421 | Spring - Bottom Plate               | 27- 10 |
| H521 3423 | Spring - Lock                       | 27- 13 |
| H521 3424 | Paper Size Indicator - B4           | 27- 15 |
| H521 3426 | Paper Size Indicator - A4           | 27- 15 |
| H521 3434 | Spring Plate - End Fense            | 27- 5  |
| H521 3436 | Lock - Bottom Plate                 | 27- 12 |
| H521 3438 | Bottom Spring                       | 27- 17 |
| H521 3515 | Holder - 100 Sheet Cassette         | 25- 41 |
| H521 3516 | Paper Guide - Bypass                | 25- 40 |
| H521 3537 | Sheet - Guide Plate - Bypass        | 25- 42 |
| H521 3553 | Spring Plate - Paper Feed           | 3- 33  |
| H521 4020 | Cover - Front                       | 5- 12  |
| H521 4021 | Cover - Rear                        | 5- 17  |
| H521 4022 | Cover - Left                        | 5- 2   |
| H521 4024 | Cover - NCU                         | 5- 1   |
| H521 4027 | Cover - Mech. Counter               | 5- 28  |
| H521 4031 | Copy Tray                           | 3- 17  |
| H521 4209 | Operation Panel Ass'y - TWN         | 3- 1   |
| H521 4296 | Cover Quick Dial Keys               | 3- 32  |
| H521 4384 | Sheet - Quick Dial - 01-05          | 3- 3   |
| H521 4385 | Sheet - Quick Dial - 06-10          | 3- 5   |
| H521 4386 | Sheet - Quick Dial - 11-15          | 3- 4   |
| H521 4387 | Sheet - Quick Dial - 16-20          | 3- 2   |
| H521 4390 | Operating Sheal - A                 | 3- 6   |
| H521 4391 | Operating Sheal - B                 | 3- 7   |
| H521 4392 | Operating Sheal - C                 | 3- 9   |
| H521 4393 | Operating Sheal - D                 | 3- 8   |

| PART N O. | DESCRIPTION                    | INDEX  |
|-----------|--------------------------------|--------|
| H521 5001 | Lamp Stabilizer                | 11- 33 |
| H521 5003 | Document Sensor                | 13- 10 |
| H521 5004 | Scanner Motor - DC24V;0.7A     | 11- 11 |
| H521 5010 | Scanner Motor - ADF            | 9- 34  |
| H521 5011 | Document Sensor - S1/S3        | 9- 37  |
| H521 5012 | Document Sensor - S2           | 9- 38  |
| H521 5016 | Fusing Lamp - B4 - 115V        | 19- 28 |
| H521 5041 | Fan Motor - Fusing             | 21- 54 |
| H521 5042 | Ground Wire - Lock - Front     | 21- 49 |
| H521 5043 | Ground Wire - Lock - Rear      | 21- 50 |
| H521 5051 | Paper Feed Clutch              | 25- 22 |
| H521 5052 | Paper End Sensor               | 25- 19 |
| H521 5054 | Registration Sensor            | 21- 28 |
| H521 5055 | Paper Feed Motor - DC24V;0.54A | 25- 12 |
| H521 5056 | Manual Feed Sensor             | 25- 31 |
| H521 5057 | Ground Wire - Pressure Roller  | 21- 48 |
| H521 5061 | Polygonal Motor - DC24V;0.3A   | 15- 5  |
| H521 5079 | Harness - Main                 | 25- 43 |
| H521 5301 | Harness - Paper Size           | 25- 4  |
| H521 5302 | Harness - LDDR                 | 5- 7   |
| H521 5302 | Harness - LDDR                 | 15- 10 |
| H521 5303 | Harness - Power Pack           | 25- 10 |
| H521 5304 | Harness - Xenon Lamp           | 11- 35 |
| H521 5305 | Sensor Harness                 | 11- 23 |
| H521 5306 | Harness - OPU                  | 3- 10  |
| H521 5307 | Harness - Size Snesor - Book   | 13- 9  |
| H521 5308 | Harness - Lamp Stabilizer      | 25- 9  |
| H521 5309 | Harness - NCU                  | 5- 5   |
| H521 5310 | Harness - Sen1                 | 21- 41 |
| H521 5311 | Harness - Sen2                 | 25- 20 |
| H521 5312 | Harness - Fusing Sensors       | 19- 32 |
| H521 5313 | Harness - Size Sensor - Book   | 23- 7  |
| H521 5314 | Relay Harness - Scanner Motor  | 23- 8  |

| PART N O. | DESCRIPTION                    | INDEX  |
|-----------|--------------------------------|--------|
| H521 5315 | Relay Harness - ADF Motor      | 23- 9  |
| H521 5317 | Harness - ADF                  | 13- 12 |
| H521 5318 | Harness - Book H.P. Sensor     | 13- 17 |
| H521 5319 | Harness - ADF Motor            | 13- 33 |
| H521 5321 | Harness - Mirror Motor         | 15- 4  |
| H521 5322 | Harness - PSU                  | 5- 8   |
| H521 5323 | Harness - Interlock - 5V       | 21- 26 |
| H521 5324 | Relay Harness - Interlock - 5V | 21- 24 |
| H521 5325 | Harness - Interlock - 24V      | 21- 27 |
| H521 5326 | Relay Harness - Heater         | 19- 70 |
| H521 5330 | Harness - Paper Feed Motor     | 25- 13 |
| H521 5331 | Grownding Wire - 125           | 7- 43  |
| H521 5332 | Grownding Wire - 70            | 7- 27  |
| H521 5334 | Harness - Motor/counter        | 25- 44 |
| H521 5336 | Harness - ADF - L              | 9- 36  |
| H521 5357 | Power Cord - 115V              | 23- 21 |
| H521 5401 | PSU - L30                      | 5- 18  |
| H521 6020 | PCB - OPU - LSO                | 3- 34  |
| H521 6041 | PCB - FDU - LSO                | 5- 10  |
| H521 6057 | PCB - FCE - TWN                | 5- 3   |
| H521 6300 | IC Card - LSO                  | 5- 4   |
| H521 8607 | Operator's Manual - TWN        | 3- *   |

| PART N O. | DESCRIPTION                     | INDEX  |
|-----------|---------------------------------|--------|
| AW02 0021 | Photointerruptor - 175487-3     | 13- 19 |
| AW02 0021 | Photointerruptor - 175487-3     | 19- 31 |
| H004 1131 | Speaker Holder                  | 25- 1  |
| H004 3755 | Square Bushing                  | 13- 16 |
| H004 3755 | Square Bushing                  | 23- 11 |
| H006 2316 | Spacer - Pick-up Clutch         | 7- 13  |
| H006 2383 | Snap Ring                       | 11- 16 |
| H006 2383 | Snap Ring                       | 13- 3  |
| H006 2383 | Snap Ring                       | 25- 7  |
| H020 3623 | Snap Ring - Registration Roller | 25- 21 |
| H081 1046 | Idler Gear - ADF Pick-up Roller | 7- 26  |
| H081 1065 | Timing Belt - Idler 2           | 9- 26  |
| H081 1065 | Timing Belt - Idler 2           | 11- 18 |
| H081 2438 | Shaft - Agitator                | 17- 81 |
| H081 3407 | Snap Ring - M2.5                | 7- 15  |
| H081 3407 | Snap Ring - M2.5                | 9- 14  |
| H081 5043 | Interlock Switch - LD           | 21- 25 |
| H081 5700 | Modular Cord - 6P/6P            | 3- 31  |
| H160 4000 | Hand Set Bracket                | 3- 30  |
| H510 4170 | Caution Label - Laser           | 15- 2  |
| H511 5005 | Stamper                         | 7- 30  |
| H513 4353 | Decal - Exit                    | 19- 67 |
| H515 2110 | Hot Roller - B4                 | 19- 26 |
| H515 2116 | Lower Case - Fusing             | 19- 52 |
| H515 2117 | Fusing Exit Roller - B4         | 19- 16 |
| H515 2118 | Cover - Front                   | 19- 65 |
| H515 2119 | Cover - Gear                    | 19- 11 |
| H515 2120 | Cover - Exit                    | 19- 64 |
| H515 2121 | Spring Plate - Fusing Exit      | 19- 61 |
| H515 2122 | Fusing Exit Roller              | 19- 62 |
| H515 2124 | Idler Gear - Z22-18             | 19- 18 |
| H515 2125 | Idler Gear - Z17                | 19- 17 |
| H515 2126 | Gear - Hot Roller               | 19- 27 |

| PART N O. | DESCRIPTION                     | INDEX  |
|-----------|---------------------------------|--------|
| H515 2127 | Idler Gear - Z18                | 19- 9  |
| H515 2128 | Gear - Fusing Exit Roller       | 19- 12 |
| H515 2133 | Lever - Lock - Left             | 19- 43 |
| H515 2134 | Lock Lever - Right              | 19- 36 |
| H515 2135 | Shaft - Lock Lever              | 19- 39 |
| H515 2136 | Spring - Lock Lever             | 19- 44 |
| H515 2137 | Bearing - Hot Roller            | 19- 23 |
| H515 2139 | Bushing - Fusing Exit Roller    | 19- 13 |
| H515 2141 | Spacer - Hot Roller             | 19- 25 |
| H515 2143 | Holder - Thermistor             | 19- 1  |
| H515 2145 | Terminal Plate - Thermostat - 1 | 19- 22 |
| H515 2146 | Terminal Plate - Fusing - Rear  | 19- 21 |
| H515 2149 | Actuator - Fusing Exit Sensor   | 19- 3  |
| H515 2150 | Cleaning Pad - Fusing - B4      | 19- 68 |
| H515 2152 | Antistatic Brush - Fusing - B4  | 19- 38 |
| H515 2153 | Spring - Hot Roller Stripper    | 19- 5  |
| H515 2155 | Cover - Right - Fusing          | 19- 30 |
| H515 2156 | Ground Plate - Hot Roller       | 19- 57 |
| H515 2157 | Fusing Inner Cover - Right      | 19- 42 |
| H515 2158 | Fusing Inner Cover - Left       | 19- 59 |
| H515 2159 | Cover - Thermistor - B4         | 19- 7  |
| H515 2160 | Stopper - Hot Roller            | 19- 24 |
| H515 2161 | Spring - Sensor Actuator        | 19- 4  |
| H515 2163 | Spring Plate - Right            | 19- 50 |
| H515 2164 | Spring Plate - Left             | 19- 55 |
| H515 2165 | Cover - Left                    | 19- 60 |
| H515 2166 | Roller - Exit Roller            | 19- 14 |
| H515 2167 | Holder - Fusing Lamp            | 19- 10 |
| H515 2168 | Lock Spring - Cleaning Pad      | 19- 69 |
| H515 2169 | Bearing - Pressure Roller       | 19- 49 |
| H515 2171 | Spring Plate - Pressure Roller  | 19- 56 |
| H515 2173 | Guide - Fusing                  | 19- 47 |
| H515 2175 | Stay - Protect - B4             | 19- 63 |

| PART N O. | DESCRIPTION                       | INDEX  |
|-----------|-----------------------------------|--------|
| H515 2176 | Bracket - Pressure Roller - Right | 19- 46 |
| H515 2177 | Bracket - Pressure Roller - Left  | 19- 54 |
| H515 2178 | Bracket - Lamp Connector          | 19- 40 |
| H515 2179 | Cover - Connector                 | 19- 33 |
| H515 2180 | Bracket - Idler Gear              | 19- 41 |
| H515 2181 | Separation Hook - Fusing          | 19- 6  |
| H515 2182 | Stepped Screw                     | 19- 53 |
| H515 2186 | Guide - Exit                      | 19- 73 |
| H515 2188 | Ground Plate - Exit               | 19- 71 |
| H515 2189 | Plate - Ground Plate              | 19- 19 |
| H515 2199 | Front Fixing Plate                | 21- 2  |
| H515 2394 | CS Stopper                        | 29- 46 |
| H515 2401 | Development Unit - B4             | 17- 6  |
| H515 2404 | Transfer Roller - B4              | 17- 38 |
| H515 2405 | Rubber Roller Ass'y - Dvlp. - B4  | 17- 5  |
| H515 2410 | Bearing - Mag. Roller - Left      | 17- 76 |
| H515 2411 | Bearing - Mag. Roller - Right     | 17- 61 |
| H515 2412 | Toner Metering Blade - B4         | 17- 33 |
| H515 2413 | Gear - Agitator                   | 17- 59 |
| H515 2414 | Bearing - Dvlp. Roller - Left     | 17- 1  |
| H515 2415 | Bearing - Dvlp. Roller - Right    | 17- 4  |
| H515 2416 | Main Motor Ass'y - DC24V;16.1W    | 17- 67 |
| H515 2417 | Terminal - Quenching Lamp         | 17- 42 |
| H515 2432 | Toner Duct - B4                   | 17- 12 |
| H515 2442 | Gear - Mag. Roller                | 17- 60 |
| H515 2443 | Idler Gear 1 - Small              | 17- 56 |
| H515 2444 | Idler Gear 1 - Large              | 17- 57 |
| H515 2445 | Idler Gear 2 - Large              | 17- 58 |
| H515 2446 | Drive Gear - OPC Drum             | 17- 75 |
| H515 2447 | Idler Gear 3                      | 17- 69 |
| H515 2448 | Idler Gear 4                      | 17- 70 |
| H515 2449 | Idler Gear 5                      | 17- 65 |
| H515 2450 | Idler Gear 6                      | 17- 51 |



| PART N O. | DESCRIPTION                      | INDEX  |
|-----------|----------------------------------|--------|
| H515 2451 | Gear                             | 17- 2  |
| H515 2452 | Gear - Transfer Rolleer          | 17- 36 |
| H515 2455 | Holder - Transfer Roller - Left  | 17- 39 |
| H515 2456 | Holder - Transfer Roller - Right | 17- 41 |
| H515 2457 | Bushing - Idler 2 - Large        | 17- 63 |
| H515 2458 | Bushing - Idler 2 - Small        | 17- 73 |
| H515 2460 | Antistatic Brush - Transfer - B4 | 17- 45 |
| H515 2461 | Pulley - Transfer                | 17- 37 |
| H515 2462 | Shaft - Idler 1                  | 17- 55 |
| H515 2463 | Shaft - Idler 2                  | 17- 62 |
| H515 2466 | Shaft - Idler 5                  | 17- 64 |
| H515 2467 | Shaft - Idler 6                  | 17- 52 |
| H515 2468 | Terminal Plate - Ground          | 17- 47 |
| H515 2469 | Terminal Plate - Transfer - S    | 17- 44 |
| H515 2471 | Terminal Plate - Transfer - L    | 17- 27 |
| H515 2472 | Terminal Plate - Separation      | 17- 46 |
| H515 2473 | Terminal Plate - Development - S | 17- 25 |
| H515 2474 | Terminal Plate - Development - L | 17- 19 |
| H515 2475 | Terminal Plate - Relay - S       | 17- 24 |
| H515 2478 | Terminal Plate - Charge - M      | 17- 23 |
| H515 2481 | Terminal Plate - A               | 17- 21 |
| H515 2482 | Terminal Plate - OPC Drum        | 17- 48 |
| H515 2485 | Spring - Transfer Roller         | 17- 40 |
| H515 2487 | Stopper - Pin                    | 17- 31 |
| H515 2488 | Stopper - Receptacle             | 17- 32 |
| H515 2491 | Inner Cover - Development        | 17- 72 |
| H515 2492 | Bracket - Fusing Drive Gear      | 17- 53 |
| H515 2493 | Drive Gear - Fusing              | 17- 50 |
| H515 2494 | Shaft - Drive Gear - Fusing      | 17- 54 |
| H515 2495 | Spring - Bracket - Fusing Drive  | 17- 68 |
| H515 2496 | Terminal Plate - Grid            | 17- 74 |
| H515 2498 | Guide Plate - Transfer           | 17- 43 |
| H515 2500 | Seal - Duct - 1                  | 17- 7  |

| PART N O. | DESCRIPTION                        | INDEX  |
|-----------|------------------------------------|--------|
| H515 2501 | Seal - Duct - 2                    | 17- 82 |
| H515 2502 | Seal - Roller                      | 17- 17 |
| H515 2505 | Seal - Duct - L                    | 17- 10 |
| H515 2506 | Seal - Duct - S                    | 17- 9  |
| H515 2506 | Seal - Duct - S                    | 17- 11 |
| H515 2516 | Toner Application Roller - B4      | 17- 16 |
| H515 2518 | Antistatic Brush - Dvlp. - B4      | 17- 35 |
| H515 2519 | Development (rubber) Roller - B4   | 17- 3  |
| H515 2524 | Film - Duct                        | 17- 8  |
| H515 2528 | Seal - Development Roller          | 17- 34 |
| H515 2530 | Terminal Plate - B                 | 17- 20 |
| H515 2534 | Seal - Development - A             | 17- 26 |
| H515 2535 | Seal - B                           | 17- 18 |
| H515 2536 | Seal - Development - C             | 17- 13 |
| H515 2537 | Seal - Development - D             | 17- 88 |
| H515 2541 | Deal - Shutter Guide               | 17- 66 |
| H515 2542 | Stopper - Bearing - M6             | 17- 77 |
| H515 2543 | Holder - Terminal Plate - OPC Drum | 17- 49 |
| H515 2544 | Toner Supply Bar - B4              | 17- 15 |
| H515 2547 | Holder - Harness                   | 17- 78 |
| H515 2548 | Film - Hopper                      | 17- 29 |
| H515 2552 | Shield - Roller - R                | 17- 80 |
| H515 2554 | Stopper - Pin - L                  | 17- 89 |
| H515 2561 | Instruction Sheet - B4 - L         | 17- 83 |
| H515 2562 | Instruction Sheet - B4 - S - 1     | 17- 85 |
| H515 2563 | Instruction Sheet - B4 - S - 2     | 17- 86 |
| H515 2564 | Plate - Instruction Sheet - B4     | 17- 84 |
| H515 2568 | Stopper - Ball Bearing             | 17- 90 |
| H515 2576 | Sheet - Guide Plate                | 17- 91 |
| H515 2711 | Mirror - Synchronization           | 15- 12 |
| H515 2712 | Laser Exposure Glass               | 15- 8  |
| H515 2714 | Cover - Laser Unit                 | 15- 3  |
| H515 2715 | Laser Diode Unit                   | 15- 7  |

| PART N O. | DESCRIPTION                         | INDEX  |
|-----------|-------------------------------------|--------|
| H515 2717 | Laser Sync. Detector                | 15- 6  |
| H515 2719 | Spring Plate - Btl - Left           | 15- 13 |
| H515 2720 | Spring Plate - Btl - Right          | 15- 15 |
| H515 2721 | Spring Plate - Mirror - Laser Sync. | 15- 11 |
| H515 2722 | Spring Plate - Lens - Laser         | 15- 17 |
| H515 2723 | Spring Plate - Exposure Glass       | 15- 9  |
| H515 2724 | Clip - Laser UnitT                  | 5- 21  |
| H515 2725 | Cylindrical Lens - Laser            | 15- 16 |
| H515 2734 | Bracket - Base                      | 5- 24  |
| H515 2740 | Shield Plate                        | 15- 0  |
| H515 2741 | Spacer - Shield Glass               | 15- 0  |
| H515 3110 | Base - Plotter                      | 21- 53 |
| H515 3111 | Bracket - Interlock SW.             | 21- 20 |
| H515 3112 | Actuator - Interlock SW.            | 21- 21 |
| H515 3114 | Slider - Interlock SW.              | 21- 19 |
| H515 3116 | Fulcrum - Fusing Unit               | 5- 27  |
| H515 3124 | Bracket - Speaker                   | 25- 3  |
| H515 3130 | Cover - Power Pack                  | 5- 14  |
| H515 3410 | Cassette Base                       | 27- 16 |
| H515 3511 | Paper Feed Roller                   | 29- 1  |
| H515 3517 | Bottom Plate - Cassette             | 29- 4  |
| H515 3518 | Cover - Cassette                    | 29- 21 |
| H515 3519 | Paper Size Indicator                | 29- 29 |
| H515 3520 | Side Fence                          | 29- 39 |
| H515 3521 | Knob - Side Fence                   | 29- 37 |
| H515 3522 | End Fence                           | 29- 24 |
| H515 3523 | Corner Separator - Left             | 29- 36 |
| H515 3524 | Corner Separator - Right            | 29- 6  |
| H515 3525 | Bracket - Paper End Sensor          | 29- 7  |
| H515 3526 | Bracket - Gear Arm                  | 29- 14 |
| H515 3527 | Gear - Z32                          | 29- 16 |
| H515 3528 | Gear - Z26                          | 29- 15 |
| H515 3529 | Friction Pad - Large                | 29- 2  |

| PART N O. | DESCRIPTION                   | INDEX  |
|-----------|-------------------------------|--------|
| H515 3530 | Friction Pad - Small          | 29- 3  |
| H515 3531 | Bushing - Paper Feed Roller   | 29- 10 |
| H515 3532 | Spring - Bottom Plate         | 29- 5  |
| H515 3533 | Spring - Gear Arm             | 29- 13 |
| H515 3534 | Spring - Side Fence           | 29- 38 |
| H515 3535 | Spring - Paper Size Indicator | 29- 30 |
| H515 3539 | Spring Plate - Lock           | 29- 26 |
| H515 3539 | Spring Plate - Lock           | 29- 31 |
| H515 3540 | Paper Tray Extension          | 29- 22 |
| H515 3541 | Gear Cover                    | 29- 41 |
| H515 3542 | Rivet                         | 29- 35 |
| H515 3543 | Retaining Ring - M4           | 19- 74 |
| H515 3543 | Retaining Ring - M4           | 29- 12 |
| H515 3544 | E-ring - JR-E6                | 29- 17 |
| H515 3545 | Cover - Paper End Sensor      | 29- 9  |
| H515 3546 | Lower Cover                   | 29- 23 |
| H515 3550 | Cover - Bypass Feed           | 29- 19 |
| H515 3552 | Bypass Feed Table Ass'y       | 29- 20 |
| H515 3553 | Stopper - Corner Separator    | 29- 42 |
| H515 3554 | Decal - Paper Limit           | 29- 25 |
| H515 3555 | Decal - Paper Set             | 29- 18 |
| H515 3580 | Grounding Plate               | 29- 45 |
| H515 3581 | Spacer                        | 29- 43 |
| H515 3595 | Spacer                        | 29- 44 |
| H515 5015 | Thermistor - Fusing           | 19- 2  |
| H515 5017 | Thermostat - Fusing           | 19- 20 |
| H515 5018 | Cover Switch - Fusing Exit    | 9- 29  |
| H515 5018 | Cover Switch - Fusing Exit    | 19- 34 |
| H515 5022 | Harness - Fusing Lamp         | 19- 29 |
| H515 5024 | Ground Wire - Fusing          | 19- 58 |
| H515 5033 | Power Pack                    | 5- 15  |
| H515 5034 | Zenor Diode - 732V : HVRD     | 17- 71 |
| H515 5037 | Bias Cable - Charge           | 17- 22 |

| PART N O. | DESCRIPTION                        | INDEX  |
|-----------|------------------------------------|--------|
| H515 5038 | Bias Cable - Transfer              | 17- 28 |
| H515 5041 | Ozone Fan Motor - DC24V;1.44W      | 21- 5  |
| H515 5044 | Optical Fiber                      | 15- 18 |
| H515 5049 | Monitor Speaker                    | 25- 2  |
| H515 5050 | Toner End Sensor                   | 21- 40 |
| H515 5054 | Paper Size Sensor                  | 25- 5  |
| H515 5054 | Paper Size Sensor                  | 29- 28 |
| H515 5075 | Paper Feed Clutch                  | 29- 11 |
| H515 5076 | Paper End Sensor                   | 29- 8  |
| H515 5080 | Relay Harness Assembly             | 29- 34 |
| H515 5396 | Seal Sheet                         | 17- 87 |
| H516 2119 | Bracket - Table - Original         | 19- 37 |
| H516 2127 | Spacer - Fusing Exit Roller - Left | 19- 15 |
| H516 2198 | Stopper - Fusing                   | 19- 35 |
| H516 2524 | Lower Seal                         | 17- 30 |
| H516 2549 | Seal - Toner Duct - Lower - A4     | 17- 14 |
| H516 2710 | BTL Lens                           | 15- 14 |
| H516 3146 | Bracket - Toner End Sensor         | 21- 39 |
| H516 3147 | Harness Clamper - Base             | 23- 6  |
| H516 3425 | Lock - Bottom Plate                | 29- 33 |
| H516 3426 | Spring - Lock - Bottom Plate       | 29- 32 |
| H516 3510 | Paper Tray - 100 Sheet Cassette    | 29- 27 |
| H516 3582 | Decal - Bypass Feed                | 29- 40 |
| H516 3583 | Decal - Bypass Feed                | 3- 35  |
| H516 5012 | Ground Wire - Image Sensor         | 19- 72 |
| H521 1050 | Carriage - Scanner                 | 11- 28 |
| H521 1054 | Slider - Carriage                  | 11- 29 |
| H521 1057 | Spring - Image Sensor              | 11- 30 |
| H521 1058 | Base - Main                        | 13- 8  |
| H521 1060 | Base - Rear                        | 13- 18 |
| H521 1061 | Shaft - Slider                     | 11- 26 |
| H521 1062 | Rail - Scanner                     | 11- 20 |
| H521 1064 | Motor Bracket                      | 11- 13 |

| PART N O. | DESCRIPTION                   | INDEX  |
|-----------|-------------------------------|--------|
| H521 1069 | Holder - Flat Cable           | 11- 21 |
| H521 1070 | Contact Image Sensor - B4     | 11- 27 |
| H521 1071 | Spring Plate                  | 11- 17 |
| H521 1072 | Bracket - Flat Cable Holder   | 11- 8  |
| H521 1073 | Bushing - M10                 | 13- 2  |
| H521 1074 | Timing Belt                   | 11- 15 |
| H521 1075 | Bracket - Pulley - Scanner    | 11- 25 |
| H521 1078 | Pulley - Scanner              | 11- 22 |
| H521 1079 | Wire - Scanner Drive          | 11- 32 |
| H521 1080 | Spring - Wire                 | 11- 34 |
| H521 1081 | Pulley - Scanner              | 11- 14 |
| H521 1082 | Ground Plate - Front          | 11- 10 |
| H521 1084 | Gear - Scanner Unit           | 13- 1  |
| H521 1085 | Ground Plate - Rear           | 11- 9  |
| H521 1088 | Lock Lever - Scanner Unit     | 13- 23 |
| H521 1089 | Fulcrum - Scanner Unit - Rear | 13- 20 |
| H521 1090 | Bracket - Lock Lever - Front  | 13- 30 |
| H521 1093 | Bracket - Lock Lever - Rear   | 13- 21 |
| H521 1096 | Spring - Lock Lever           | 13- 31 |
| H521 1099 | Release Lever - Cover Open    | 13- 13 |
| H521 1100 | Spring - CTM                  | 13- 32 |
| H521 1101 | Spring - Center               | 13- 4  |
| H521 1103 | Upper Cover                   | 3- 15  |
| H521 1105 | Platen Cover Ass'y            | 3- 11  |
| H521 1110 | Exposure Glass                | 3- 16  |
| H521 1112 | Bracket - Center              | 13- 6  |
| H521 1115 | Pin - CTM                     | 13- 5  |
| H521 1122 | Bracket - Wire                | 11- 31 |
| H521 1127 | Stopper - Shaft - Scanner     | 11- 24 |
| H521 1130 | Bracket - Harness - 1         | 13- 14 |
| H521 1132 | Bracket - Harness - 2         | 13- 15 |
| H521 1133 | Bracket - Harness - 3         | 13- 11 |
| H521 1140 | Stopper - Upper               | 11- 5  |

| PART N O. | DESCRIPTION                | INDEX  |
|-----------|----------------------------|--------|
| H521 1141 | Stopper - Lower            | 11- 3  |
| H521 1142 | Pin - Stopper              | 11- 4  |
| H521 1143 | Spring - Stopper           | 11- 1  |
| H521 1144 | Pin - CTM - Long           | 13- 22 |
| H521 1145 | Bracket - Fusing Support   | 13- 27 |
| H521 1146 | Sponge - Fusing - 1        | 13- 29 |
| H521 1148 | Sponge - Fusing - 3        | 13- 25 |
| H521 1150 | Cushion - Scanner Motor    | 11- 12 |
| H521 1151 | Handle - Stopper           | 11- 2  |
| H521 1154 | Sponge - Fusing - 5        | 13- 26 |
| H521 1155 | Bracket - Stopper - Base   | 11- 7  |
| H521 1156 | Decal - Cover Open         | 5- 25  |
| H521 1159 | Spring Plate - CTM         | 13- 34 |
| H521 1160 | Stopper                    | 3- 27  |
| H521 1161 | Stopper - Carriage         | 11- 36 |
| H521 1162 | Front Base                 | 13- 7  |
| H521 1164 | Upper Stopper Bracket      | 11- 6  |
| H521 1166 | Lower Stopper Bracket      | 21- 8  |
| H521 1168 | Sheet - Flexible Board - 1 | 13- 36 |
| H521 1169 | Sheet - Flexible Board - 2 | 11- 37 |
| H521 1170 | Sheet - Flexible Board - 3 | 13- 35 |
| H521 1171 | Sponge - Fusing - 6        | 13- 24 |
| H521 1172 | Sheet - Lever - Lock       | 13- 37 |
| H521 1174 | Scale - Lengthwise         | 3- 13  |
| H521 1175 | Scale - Widthwise          | 3- 12  |
| H521 1210 | ADF Roller Unit            | 7- 41  |
| H521 1214 | Base - ADF                 | 7- 35  |
| H521 1250 | R0 Roller                  | 9- 19  |
| H521 1251 | R1 Roller                  | 9- 20  |
| H521 1252 | R2 Roller                  | 9- 42  |
| H521 1254 | Lower Guide Plate          | 9- 39  |
| H521 1257 | Upper Cover - ADF          | 7- 1   |
| H521 1258 | Separation Guide           | 9- 21  |

| PART N O. | DESCRIPTION                 | INDEX |
|-----------|-----------------------------|-------|
| H521 1259 | Guide Plate R2              | 7- 29 |
| H521 1261 | Front Side Plate            | 9- 1  |
| H521 1264 | Rear Side Plate             | 9- 28 |
| H521 1267 | Motor Bracket               | 9- 33 |
| H521 1268 | Bracket - Pickup            | 7- 21 |
| H521 1276 | Shaft - Separation Unit     | 9- 16 |
| H521 1278 | Exposure Glass - ADF Option | 7- 37 |
| H521 1279 | Joint Gear                  | 9- 30 |
| H521 1280 | Pulley R1                   | 9- 23 |
| H521 1281 | R2 Drive Gear               | 9- 4  |
| H521 1282 | Joint Gear                  | 9- 7  |
| H521 1283 | Front Drive Gear - Reverse  | 9- 8  |
| H521 1284 | Front Drive Gear - Feed     | 9- 9  |
| H521 1285 | Middle Drive Gear - Reverse | 9- 18 |
| H521 1286 | Gear - Feed Roller          | 7- 18 |
| H521 1287 | Gear - Pickup Roller        | 7- 25 |
| H521 1288 | Collar - Pickup             | 7- 24 |
| H521 1289 | Pressure Plate              | 9- 46 |
| H521 1290 | Busing                      | 9- 10 |
| H521 1292 | Shaft - Feed Roller         | 7- 17 |
| H521 1293 | Joint Shaft                 | 9- 11 |
| H521 1294 | Shaft - Pickup              | 7- 16 |
| H521 1295 | Shaft - Separation Roller   | 9- 15 |
| H521 1296 | Bushing                     | 9- 17 |
| H521 1297 | Lock Lever                  | 9- 6  |
| H521 1299 | Lock Shaft                  | 9- 43 |
| H521 1300 | Spring Plate                | 9- 25 |
| H521 1301 | Pressure Roller - R1        | 7- 8  |
| H521 1302 | Guide Roller R2             | 7- 33 |
| H521 1303 | Spring Plate - R0           | 7- 5  |
| H521 1304 | Spring R1                   | 7- 4  |
| H521 1305 | Spring Plate R2             | 7- 31 |
| H521 1306 | Guide Roller Shaft          | 7- 10 |

| PART N O. | DESCRIPTION               | INDEX |
|-----------|---------------------------|-------|
| H521 1307 | Guide Roller Shaft        | 7- 7  |
| H521 1308 | Lock Spring               | 9- 2  |
| H521 1309 | Timing Belt               | 9- 31 |
| H521 1310 | Pin Shaft                 | 7- 36 |
| H521 1311 | Busing                    | 9- 5  |
| H521 1312 | Pressuer Shaft Holder     | 9- 44 |
| H521 1314 | Spring Clutch - M6        | 7- 14 |
| H521 1316 | Spring Clutch - M9        | 7- 19 |
| H521 1317 | Pressure Spring           | 7- 40 |
| H521 1319 | Exit Roller Colar         | 7- 32 |
| H521 1320 | Original Table            | 3- 25 |
| H521 1321 | Release Lever             | 9- 47 |
| H521 1322 | Front Guide - Original    | 3- 23 |
| H521 1323 | Rear Guide - Original     | 3- 22 |
| H521 1324 | Original Guide Cover      | 3- 20 |
| H521 1325 | Original Guide Gear       | 3- 24 |
| H521 1327 | Cover - Front - ADF       | 7- 9  |
| H521 1328 | Cover - Rear - ADF        | 7- 22 |
| H521 1329 | Cover - Front/lower - ADF | 7- 38 |
| H521 1330 | Cover - Rear/lower - ADF  | 7- 28 |
| H521 1331 | Antistatic Brush          | 9- 40 |
| H521 1333 | Shielding Sheet           | 9- 45 |
| H521 1334 | Guide Mylar - Front       | 7- 3  |
| H521 1335 | Bushing - 8x10mm          | 9- 27 |
| H521 1336 | Lock Spring               | 9- 3  |
| H521 1337 | Guide Roller R0           | 7- 12 |
| H521 1340 | Pulley R2                 | 9- 24 |
| H521 1341 | Plessuer Spring           | 9- 41 |
| H521 1342 | Guide Mylar - Rear        | 7- 2  |
| H521 1348 | Collor R0                 | 7- 11 |
| H521 1350 | Pad - Pick-up             | 9- 22 |
| H521 1353 | Harness Cover             | 3- 14 |
| H521 1354 | Collar R1                 | 7- 6  |

| PART N O. | DESCRIPTION               | INDEX  |
|-----------|---------------------------|--------|
| H521 1356 | Sheet                     | 3- 19  |
| H521 1357 | Decal - Original Level    | 3- 21  |
| H521 1358 | Motor Cushion             | 9- 35  |
| H521 1359 | Decal - Original Table    | 3- 26  |
| H521 1360 | Spring                    | 9- 48  |
| H521 1364 | Guide Sheet               | 7- 39  |
| H521 1365 | Antistatic Brushi         | 9- 49  |
| H521 1366 | ADF Pickup Roller         | 7- 23  |
| H521 1367 | Feed Roller               | 7- 20  |
| H521 1368 | Sheet - Interlock SW.     | 7- 42  |
| H521 1372 | Reverse Rollefr           | 9- 12  |
| H521 1374 | Bracket - Reverse         | 9- 13  |
| H521 2041 | LD Unit                   | 5- 19  |
| H521 2041 | LD Unit                   | 15- 1  |
| H521 2111 | Pressure Roller - B4      | 19- 51 |
| H521 2112 | Upper Case - Fusing - B4  | 19- 8  |
| H521 2115 | Spring - Pressure Roller  | 19- 48 |
| H521 2184 | Decal - Warning           | 19- 66 |
| H521 3110 | Support Bracket - Front   | 23- 15 |
| H521 3111 | Support Bracket - Rear    | 23- 18 |
| H521 3112 | Stay - Left               | 23- 14 |
| H521 3113 | Bracket - Fulcrum - Front | 23- 1  |
| H521 3116 | Oil Damper                | 23- 2  |
| H521 3117 | Gear - Oil Damper         | 23- 4  |
| H521 3118 | Collar - Oil Damper       | 23- 3  |
| H521 3119 | Bracket - Oil Damper      | 23- 5  |
| H521 3120 | Bracket - Lock - Front    | 21- 7  |
| H521 3123 | Bracket - Lock - Rear     | 21- 55 |
| H521 3127 | Inner Cover - 1           | 5- 20  |
| H521 3128 | Inner Cover - 2           | 21- 13 |
| H521 3129 | Bracket - Fulcrum - Rear  | 23- 19 |
| H521 3133 | Bracket - Cooling Fan     | 21- 22 |
| H521 3134 | Bracket - PSU             | 23- 20 |

| PART N O. | DESCRIPTION                   | INDEX  |
|-----------|-------------------------------|--------|
| H521 3135 | Support Bracket               | 21- 23 |
| H521 3136 | Bracket - FCU                 | 5- 6   |
| H521 3137 | Bracket - Cover - Raer        | 23- 17 |
| H521 3138 | Bracket - Cover - Front       | 23- 16 |
| H521 3139 | Bracket - Ground - 1          | 23- 12 |
| H521 3140 | Bracket - Ground - 2          | 23- 13 |
| H521 3141 | Bracket - Power Cord          | 23- 22 |
| H521 3142 | Bracket - Harness             | 23- 10 |
| H521 3143 | Bracket - Ozone Filter        | 21- 3  |
| H521 3144 | Harness Clamp                 | 21- 14 |
| H521 3145 | Sponge - Lock - Front         | 21- 37 |
| H521 3147 | Sponge - Cooling Fan - 1      | 21- 17 |
| H521 3148 | Sponge - Cooling Fan - 2      | 21- 16 |
| H521 3149 | Sponge - Cooling Fan - 3      | 21- 18 |
| H521 3150 | Sponge - Cooling Fan - 4      | 21- 15 |
| H521 3151 | Sponge - Base - Upper Left    | 21- 10 |
| H521 3152 | Sponge - Base - Rear          | 21- 9  |
| H521 3153 | Sponge - Base - Left - Middle | 21- 11 |
| H521 3154 | Duct - Ozone Filter           | 21- 6  |
| H521 3156 | Sponge - Registration - 1     | 21- 12 |
| H521 3157 | Sponge - Registration - 2     | 21- 38 |
| H521 3158 | Sponge - Power Pack - 1       | 21- 47 |
| H521 3159 | Sponge - Power Pack - 2       | 21- 42 |
| H521 3160 | Sponge - Base - Bottom        | 21- 44 |
| H521 3161 | Seal - Base - Bottom - 1      | 21- 45 |
| H521 3162 | Seal - Base - Bottom - 2      | 21- 46 |
| H521 3164 | Pin - Right Fulcrum           | 5- 16  |
| H521 3165 | Bracket - Pif                 | 5- 26  |
| H521 3166 | Ozone Filter - 10             | 21- 4  |
| H521 3169 | Heat Sink                     | 5- 22  |
| H521 3310 | Gear - Registration           | 25- 28 |
| H521 3311 | Gear - 15/70                  | 25- 26 |
| H521 3312 | Gear - 25                     | 25- 24 |

| PART N O. | DESCRIPTION                       | INDEX  |
|-----------|-----------------------------------|--------|
| H521 3313 | Gear - 16                         | 25- 25 |
| H521 3314 | Bracket - Paper Feed Motor        | 25- 11 |
| H521 3318 | Shaft - Pressure Roller - 1       | 21- 31 |
| H521 3318 | Shaft - Pressure Roller - 1       | 25- 34 |
| H521 3319 | Shaft - Pressure Roller - 2       | 21- 34 |
| H521 3319 | Shaft - Pressure Roller - 2       | 25- 37 |
| H521 3320 | Spring - Pressure Roller - 1      | 21- 32 |
| H521 3322 | Spring - Pressure Roller - 2      | 21- 35 |
| H521 3325 | Spring - Pressure Roller - 1      | 25- 33 |
| H521 3326 | Spring - Pressure Roller - 2      | 25- 36 |
| H521 3330 | Base                              | 23- 37 |
| H521 3331 | Registration Roller               | 25- 15 |
| H521 3332 | Paper Feed Roller                 | 25- 14 |
| H521 3333 | Side Plate - Left                 | 23- 42 |
| H521 3334 | Side Plate - Right                | 23- 36 |
| H521 3337 | Cover - FCU                       | 23- 26 |
| H521 3338 | Stay - Rear                       | 23- 23 |
| H521 3339 | Paper Guide - Registration        | 25- 16 |
| H521 3340 | Pressure Roller - Registration    | 21- 30 |
| H521 3340 | Pressure Roller - Registration    | 25- 35 |
| H521 3341 | Pressure Roller - 43              | 21- 33 |
| H521 3341 | Pressure Roller - 43              | 25- 38 |
| H521 3342 | Holder - FCU                      | 23- 25 |
| H521 3344 | Guide Bracket - Cassette          | 23- 34 |
| H521 3345 | Guide - Cassette - Upper Right    | 23- 35 |
| H521 3346 | Guide - Cassette - Upper Left     | 23- 41 |
| H521 3347 | Guide - Cassette - Lower          | 23- 33 |
| H521 3348 | Guide - Stopper                   | 23- 38 |
| H521 3349 | Rail                              | 23- 40 |
| H521 3350 | Rubber Foot                       | 23- 32 |
| H521 3352 | Bracket - Plotter Base Connection | 21- 1  |
| H521 3353 | Bracket - Paper End Sensor        | 25- 18 |
| H521 3355 | C Ring - Paper Feed Roller        | 25- 6  |

| PART N O. | DESCRIPTION                          | INDEX  |
|-----------|--------------------------------------|--------|
| H521 3356 | Bushing - Paper Feed Roller          | 25- 23 |
| H521 3357 | Bushing - Registration Roller        | 25- 8  |
| H521 3361 | By-pass Feed Table                   | 3- 18  |
| H521 3364 | Guide Plate - Rear                   | 23- 30 |
| H521 3365 | Bracket - Pressure Roller            | 21- 29 |
| H521 3366 | Sheet - Paper Guide                  | 25- 17 |
| H521 3367 | Bushing - Registration Roller - Rear | 25- 27 |
| H521 3368 | Paper Guide - Upper                  | 25- 39 |
| H521 3369 | Bracket - Bypass Sensor              | 25- 32 |
| H521 3370 | Guard - Sheet - Pressure Roller      | 21- 36 |
| H521 3371 | Stay - Front                         | 23- 43 |
| H521 3372 | Spring - Slider                      | 25- 30 |
| H521 3373 | Spring - Lever                       | 23- 29 |
| H521 3374 | Lever                                | 23- 28 |
| H521 3375 | Link - Registration                  | 23- 44 |
| H521 3376 | Bracket - Link                       | 23- 24 |
| H521 3377 | Bracket - Lever                      | 23- 27 |
| H521 3378 | Ratchet                              | 25- 29 |
| H521 3379 | Sponge - Bracket - Pressure Roller   | 21- 43 |
| H521 3380 | Sponge - Base                        | 23- 31 |
| H521 3386 | Spring Plate - Left                  | 21- 51 |
| H521 3387 | Spring Plate - Right                 | 21- 52 |
| H521 3411 | Side Fense                           | 27- 4  |
| H521 3412 | Knob - Cassette                      | 27- 2  |
| H521 3413 | Spring - Knob - Cassette             | 27- 3  |
| H521 3414 | End Fense - Cassette                 | 27- 6  |
| H521 3415 | Separation Hook - Front              | 27- 1  |
| H521 3416 | Separation Hook - Rear               | 27- 14 |
| H521 3418 | Bottom Plate                         | 27- 9  |
| H521 3419 | Friction Pad - Bottom Plate - Small  | 27- 8  |
| H521 3420 | Pad - Bottom Plate - Large           | 27- 7  |
| H521 3421 | Spring - Bottom Plate                | 27- 10 |
| H521 3423 | Spring - Lock                        | 27- 13 |

| PART N O. | DESCRIPTION                  | INDEX  |
|-----------|------------------------------|--------|
| H521 3424 | Paper Size Indicator - B4    | 27- 15 |
| H521 3426 | Paper Size Indicator - A4    | 27- 15 |
| H521 3434 | Spring Plate - End Fense     | 27- 5  |
| H521 3436 | Lock - Bottom Plate          | 27- 12 |
| H521 3438 | Bottom Spring                | 27- 17 |
| H521 3515 | Holder - 100 Sheet Cassette  | 25- 41 |
| H521 3516 | Paper Guide - Bypass         | 25- 40 |
| H521 3537 | Sheet - Guide Plate - Bypass | 25- 42 |
| H521 3553 | Spring Plate - Paper Feed    | 3- 33  |
| H521 4020 | Cover - Front                | 5- 12  |
| H521 4021 | Cover - Rear                 | 5- 17  |
| H521 4022 | Cover - Left                 | 5- 2   |
| H521 4024 | Cover - NCU                  | 5- 1   |
| H521 4027 | Cover - Mech. Counter        | 5- 28  |
| H521 4031 | Copy Tray                    | 3- 17  |
| H521 4209 | Operation Panel Ass'y - TWN  | 3- 1   |
| H521 4296 | Cover Quick Dial Keys        | 3- 32  |
| H521 4384 | Sheet - Quick Dial - 01-05   | 3- 3   |
| H521 4385 | Sheet - Quick Dial - 06-10   | 3- 5   |
| H521 4386 | Sheet - Quick Dial - 11-15   | 3- 4   |
| H521 4387 | Sheet - Quick Dial - 16-20   | 3- 2   |
| H521 4390 | Operating Sheal - A          | 3- 6   |
| H521 4391 | Operating Sheal - B          | 3- 7   |
| H521 4392 | Operating Sheal - C          | 3- 9   |
| H521 4393 | Operating Sheal - D          | 3- 8   |
| H521 5001 | Lamp Stabilizer              | 11- 33 |
| H521 5003 | Document Sensor              | 13- 10 |
| H521 5004 | Scanner Motor - DC24V;0.7A   | 11- 11 |
| H521 5010 | Scanner Motor - ADF          | 9- 34  |
| H521 5011 | Document Sensor - S1/S3      | 9- 37  |
| H521 5012 | Document Sensor - S2         | 9- 38  |
| H521 5016 | Fusing Lamp - B4 - 115V      | 19- 28 |
| H521 5041 | Fan Motor - Fusing           | 21- 54 |

| PART N O. | DESCRIPTION                    | INDEX  |
|-----------|--------------------------------|--------|
| H521 5042 | Ground Wire - Lock - Front     | 21- 49 |
| H521 5043 | Ground Wire - Lock - Rear      | 21- 50 |
| H521 5051 | Paper Feed Clutch              | 25- 22 |
| H521 5052 | Paper End Sensor               | 25- 19 |
| H521 5054 | Registration Sensor            | 21- 28 |
| H521 5055 | Paper Feed Motor - DC24V;0.54A | 25- 12 |
| H521 5056 | Manual Feed Sensor             | 25- 31 |
| H521 5057 | Ground Wire - Pressure Roller  | 21- 48 |
| H521 5061 | Polygonal Motor - DC24V;0.3A   | 15- 5  |
| H521 5079 | Harness - Main                 | 25- 43 |
| H521 5301 | Harness - Paper Size           | 25- 4  |
| H521 5302 | Harness - LDDR                 | 5- 7   |
| H521 5302 | Harness - LDDR                 | 15- 10 |
| H521 5303 | Harness - Power Pack           | 25- 10 |
| H521 5304 | Harness - Xenon Lamp           | 11- 35 |
| H521 5305 | Sensor Harness                 | 11- 23 |
| H521 5306 | Harness - OPU                  | 3- 10  |
| H521 5307 | Harness - Size Snesor - Book   | 13- 9  |
| H521 5308 | Harness - Lamp Stabilizer      | 25- 9  |
| H521 5309 | Harness - NCU                  | 5- 5   |
| H521 5310 | Harness - Sen1                 | 21- 41 |
| H521 5311 | Harness - Sen2                 | 25- 20 |
| H521 5312 | Harness - Fusing Sensors       | 19- 32 |
| H521 5313 | Harness - Size Sensor - Book   | 23- 7  |
| H521 5314 | Relay Harness - Scanner Motor  | 23- 8  |
| H521 5315 | Relay Harness - ADF Motor      | 23- 9  |
| H521 5317 | Harness - ADF                  | 13- 12 |
| H521 5318 | Harness - Book H.P. Sensor     | 13- 17 |
| H521 5319 | Harness - ADF Motor            | 13- 33 |
| H521 5321 | Harness - Mirror Motor         | 15- 4  |
| H521 5322 | Harness - PSU                  | 5- 8   |
| H521 5323 | Harness - Interlock - 5V       | 21- 26 |
| H521 5324 | Relay Harness - Interlock - 5V | 21- 24 |

| PART N O. | DESCRIPTION                | INDEX  |
|-----------|----------------------------|--------|
| H521 5325 | Harness - Interlock - 24V  | 21- 27 |
| H521 5326 | Relay Harness - Heater     | 19- 70 |
| H521 5330 | Harness - Paper Feed Motor | 25- 13 |
| H521 5331 | Grownding Wire - 125       | 7- 43  |
| H521 5332 | Grownding Wire - 70        | 7- 27  |
| H521 5334 | Harness - Motor/counter    | 25- 44 |
| H521 5336 | Harness - ADF - L          | 9- 36  |
| H521 5357 | Power Cord - 115V          | 23- 21 |
| H521 5401 | PSU - L30                  | 5- 18  |
| H521 6020 | PCB - OPU - LSO            | 3- 34  |
| H521 6041 | PCB - FDU - LSO            | 5- 10  |
| H521 6057 | PCB - FCE - TWN            | 5- 3   |
| H521 6300 | IC Card - LSO              | 5- 4   |
| H521 8607 | Operator's Manual - TWN    | 3- 0   |



| PART N O. | DESCRIPTION         | INDEX  |
|-----------|---------------------|--------|
| A048 6149 | Decal - Manual Feed | 27- 11 |
| 5409 1238 | Rotary Catch        | 23- 39 |
| 5447 2768 | Stepped Screw - M3  | 23- 45 |
| 5488 6020 | PCB - NCU - USA     | 5- 9   |

| PART N O.  | DESCRIPTION                       | INDEX  |
|------------|-----------------------------------|--------|
| 0313 0030B | Philips Pan Head Screw - M3x3     | 7-105  |
| 0313 0030B | Philips Pan Head Screw - M3x3     | 9-107  |
| 0313 0060B | Philips Pan Head Screw - M3x6     | 5-105  |
| 0313 0060B | Philips Pan Head Screw - M3x6     | 7-107  |
| 0313 0060B | Philips Pan Head Screw - M3x6     | 19-101 |
| 0313 0060B | Philips Pan Head Screw - M3x6     | 21-102 |
| 0313 0080B | Philips Pan Head Screw - M3x8     | 19-102 |
| 0313 0080B | Philips Pan Head Screw - M3x8     | 21-105 |
| 0323 0060B | Philips Sunk Screw - M3x6         | 7-103  |
| 0353 0080Z | Philips Trass Head Screw - M3x8   | 3-103  |
| 0353 0080Z | Philips Trass Head Screw - M3x8   | 5-101  |
| 0353 0100Z | Bind Screw - M3x10                | 3-104  |
| 0353 0100Z | Bind Screw - M3x10                | 11-102 |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 5-103  |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 11-103 |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 17-106 |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 21-101 |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 23-101 |
| 0443 0060W | Hexagon Head Tapping Screw - M3x6 | 25-101 |
| 0443 0080W | Hexagon Head Tapping Screw - M3x8 | 23-107 |
| 0633 0120G | Parallel Pin - 3x12               | 17-101 |
| 0720 0020E | Retaining Ring - M2               | 17-110 |
| 0720 0025E | Retaining Ring - M2.5             | 17-111 |
| 0720 0030E | Retaining Ring - M3               | 13-103 |
| 0720 0030E | Retaining Ring - M3               | 17-112 |
| 0720 0040E | Retaining Ring - M4               | 7-102  |
| 0720 0040E | Retaining Ring - M4               | 9-102  |
| 0720 0040E | Retaining Ring - M4               | 11-101 |
| 0720 0040E | Retaining Ring - M4               | 17-113 |
| 0720 0060E | Retaining Ring - M6               | 9-103  |
| 0720 0070E | Retaining Ring - M7               | 9-104  |
| 0802 5205  | Tapping Screw - M3x6              | 9-101  |
| 0802 5205  | Tapping Screw - M3x6              | 11-107 |

| PART N O.  | DESCRIPTION                         | INDEX  |
|------------|-------------------------------------|--------|
| 0802 5205  | Tapping Screw - M3x6                | 19-116 |
| 0802 5205  | Tapping Screw - M3x6                | 29-102 |
| 0802 5206  | Tapping Screw - M3x8                | 3-102  |
| 0802 5206  | Tapping Screw - M3x8                | 5-104  |
| 0802 5206  | Tapping Screw - M3x8                | 9-105  |
| 0802 5206  | Tapping Screw - M3x8                | 17-117 |
| 0802 5206  | Tapping Screw - M3x8                | 19-117 |
| 0802 5206  | Tapping Screw - M3x8                | 21-103 |
| 0802 5206  | Tapping Screw - M3x8                | 23-102 |
| 0802 5206  | Tapping Screw - M3x8                | 25-103 |
| 0802 5206  | Tapping Screw - M3x8                | 29-103 |
| 0802 5230  | Tapping Screw - M3x10               | 7-101  |
| 0802 5230  | Tapping Screw - M3x10               | 15-101 |
| 0805 3386  | Bushing - 8mm                       | 7-104  |
| 0805 3386  | Bushing - 8mm                       | 25-102 |
| 0805 3386  | Bushing - 8mm                       | 29-101 |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 3-101  |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 5-102  |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 7-106  |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 11-104 |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 13-102 |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 13-106 |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 17-120 |
| 0951 3006B | Philips Screw With Flat Washer-M3x6 | 19-120 |
| 0954 3006B | Screw - M3X6                        | 19-122 |
| 0954 3006B | Screw - M3X6                        | 23-105 |
| 1102 4473  | CT Connector - 2P                   | 19-136 |
| 1105 0153  | Clamp                               | 9-108  |
| 1105 0260  | Wire Saddle                         | 9-109  |
| 1105 0283  | Clamp                               | 9-106  |
| 1105 0283  | Clamp                               | 13-105 |
| 1105 0283  | Clamp                               | 29-104 |
| 1105 0310  | Wire Clamp                          | 11-105 |

| PART N O. | DESCRIPTION               | INDEX  |
|-----------|---------------------------|--------|
| 1105 0310 | Wire Clamp                | 13-101 |
| 1105 0310 | Wire Clamp                | 23-103 |
| 1105 0322 | Cord Bushing              | 23-104 |
| 1105 0344 | Clamp                     | 21-106 |
| 1105 0344 | Clamp                     | 23-106 |
| 1105 0344 | Clamp                     | 25-104 |
| 1106 0167 | Bushing - 11mm            | 13-104 |
| 1204 2334 | Safety Switch - FA1I-AA20 | 21-104 |