MODIFICATION BULLETIN NO. 1

Page 1 of 2

| Model                      | Micro Sorter for A7 / N440 | Volt/Hz | Date of<br>Modification | Serial Number |
|----------------------------|----------------------------|---------|-------------------------|---------------|
| Modified Article           | Parts Catalog              |         |                         |               |
| Reason for<br>Modification | Parts catalog correction   |         |                         |               |

Please correct your parts catalog as follows:

# Correction

|           | P/N      | Description | Q'ty | Index No. | Page |
|-----------|----------|-------------|------|-----------|------|
| Incorrect | 12041376 | Microswitch | 1    | 119       | 3    |
| Correct   | 12042297 | Microswitch | 1    | 119       | 3    |

T. Ito, Manager Copier Technical Support

ISSUED ON: July 31, '92

RICOH CS120

220, 240/50

ISSUED ON: July 31, '92

| MODEL NAME   | V/Hz        | DESTINATION | CODE    | SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 |               |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 |               |

A327-27

EUROPE etc.

| Model                      | CS120 (Micro Sorter for A7) | Volt/Hz | Date of<br>Modification | Serial Number |
|----------------------------|-----------------------------|---------|-------------------------|---------------|
| Modified Article           | Parts catalog               |         |                         |               |
| Reason for<br>Modification | Parts catalog correction    |         |                         |               |

Please correct your parts catalog as follows:

| Incorrect P/N             | Correct P/N | Description | Q'ty – | Parts 0    | Catalog |
|---------------------------|-------------|-------------|--------|------------|---------|
| Incorrect P/N Correct P/N | Conectivit  | Description |        | Index No.  | Page    |
| 12041376                  | 12042297    | Microswitch | 2 → 2  | 119<br>109 | 3<br>5  |

T. Ito, Manager Copier Technical Support

ISSUED ON: September 15, '92

ISSUED ON: September 15, '92

| MODEL NAME   | V/Hz        | DESTINATION | CODE    | SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 |               |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 |               |
| RICOH CS120  | 220, 240/50 | EUROPE etc. | A327-27 |               |

ISSUED ON: December 31, '93

| Model                      | Micro Sorter for A7/N440          | Volt/Hz | Date of<br>Modification | Serial Number |
|----------------------------|-----------------------------------|---------|-------------------------|---------------|
| Modified Article           | Main Board                        |         |                         |               |
| Reason for<br>Modification | Standardization with other models |         |                         |               |

To standardize with other models, a transistor on the main board has been modified. Part number of the main board is still the same.

| 224.            |             |                           |                    | Inter-    | Parts Catalog |   |
|-----------------|-------------|---------------------------|--------------------|-----------|---------------|---|
| Old P/N New P/N | Description | Q'ty Used                 | change-<br>ability | Index No. | Page          |   |
| 14000072        |             | Transistor - 2SC 372Y     | 1 → 0              | O/        | 106           | 7 |
| L               | — A3275710  | Transistor - KTC 3198 - Y | 0 → 1              | /O        | 106           | 7 |

S. Hamano, Assistant General Manager Technical Support Department

ISSUED ON: December 31, '93

| MODEL NAME   | V/Hz        | DESTINATION | CODE    | SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 |               |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 |               |
| RICOH CS120  | 220, 240/50 | EUROPE etc. | A327-27 |               |

## MODIFICATION BULLETIN NO. 4

# PAGE 1 OF 2

ISSUED ON: February 15, '94

| Model                      | Micro Sorter for A7/N440 | Volt/Hz | Date of<br>Modification | Serial Number |
|----------------------------|--------------------------|---------|-------------------------|---------------|
| Modified Article           | Sorter Bin - Top         |         |                         |               |
| Reason for<br>Modification | To meet TÜV standards    |         |                         |               |

To meet TÜV standards, the sorter bin-tops have been changed.

| 0115/1   | Old P/N New P/N | Description                     |                  | Inter-             | Parts Catalog |      |
|----------|-----------------|---------------------------------|------------------|--------------------|---------------|------|
| Old P/N  |                 |                                 | Description Q'ty | change-<br>ability | Index No.     | Page |
| A4903005 | A3273005        | Sorter Bin - Top (RICOH)        | 1 → 1            | X/O                | 5             |      |
| A4903006 | A3273006        | Sorter Bin - Top (NRG, Infotec) | 1 → 1            | X/O                | 5             | 2    |
| A4903146 |                 | Front Mylar Seal - Top Bin      | 1 → 0            |                    | 32            | 3    |
| A4903147 |                 | Rear Mylar Seal - Top Bin       | 1 → 0            |                    | 33            |      |

S. Hamano, Assistant General Manager Technical Support Department

## ISSUED ON: February 15, '94

| MODEL NAME   | V/Hz        | DESTINATION | CODE    | SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 | 2802020001    |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 | 3B00220001    |
| RICOH CS120  | 220, 240/50 | EUROPE etc. | A327-27 | A3122020001   |

#### MODIFICATION BULLETIN NO. 5

PAGE 1 OF 3

ISSUED ON: May 31, '95 Date of

| Model  Modified Article  Reason for  Modification |             | Micro Sorter                    | Micro Sorter for A7 / N440 Volt/F                        |         |           |                   |             | Volt/Hz         | Date of Se<br>Modification Nur | erial<br>mber |              |
|---|-------------|---------------------------------|--|---------|-----------|-------------------|-------------|-----------------|--------------------------------|---------------|--------------|
|   |             | Antistatic Br                   | Antistatic Brush  To reduce static electricity on copies |         |           |                   |             |                 |                                |               |              |
|   |             | To reduce s                     |  |         |           |                   |             |                 |                                |               |              |
| Draw  | Old Parts   | New Parts                       | Description  | Rank    | Q'ty Used | Inter-<br>change- | Parts neede | d for replaceme | ent by new part                | Pa<br>Cat     | arts<br>alog |
| No.   | No.         | o. No. Description Name Old→Nev | Old→New  | ability | Part No.  | Description       |             | No.             | Page                           |               |              |
|   | A3272031 —  | 1                               | Antistatic Brush - Feed out                              |         | 1 → 0     |                   |             |                 |                                | 4             | 5            |
|   | 68022032    | -                               | Antistatic Brush Angle                                   |         | 1 → 0     | 0/0               | as a set    |                 |                                | 3             | 5            |
|   | 09654008W — | -                               | Tapping Screw with Flat<br>Washer - M4 x 8               |         | 2 → 0     |                   |             |                 |                                | 108           | 5            |
|   |             | A5572101                        | Antistatic Brush   |         | 0 → 1     | 0/0               | as a set    |                 |                                | 36            | 5            |
|   |             | 08025235                        | Tapping Bind Screw - M4 x 6                              |         | 0 → 2     |                   |             |                 |                                | 110           | 5            |
|   | 67692272    | 1                               | Antistatic Brush   |         | 1 → 0     | > 0/0             | as a set    |                 |                                | 10            | 3            |
|   | 68016211    | -                               | Top Stay   |         | 1 → 0     |                   |             |                 |                                | 9             | 3            |
|   |             | A5572101                        | Antistatic Brush   |         | 0 → 1     |                   |             |                 |                                | 35            | 3            |
|   |             |                                 |  |         |           |                   |             |                 |                                |               |              |

Rank: A: Replace with new parts immediately. B: Replace with new parts at time of repair. C: Replace with new parts at time of overhaul. Interchangeability:

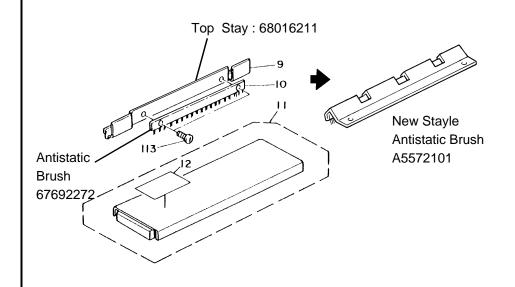
<sup>(1)</sup> When old and new parts are not mutually interchangeable, use additional parts or an assembly part as indicated in "Parts needed for replacement by new part" to install the new part.

<sup>(2)</sup> The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

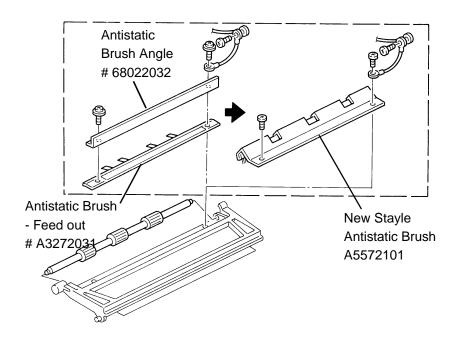
ISSUED ON: May 31, '95

## **DETAILS OF MODIFICATION**

# 1. EXTERIOR (A490)



# 2. TRANSPORT (A490)



M. Iwasa, Manager Technical Support Department

ISSUED ON: May 31, '95

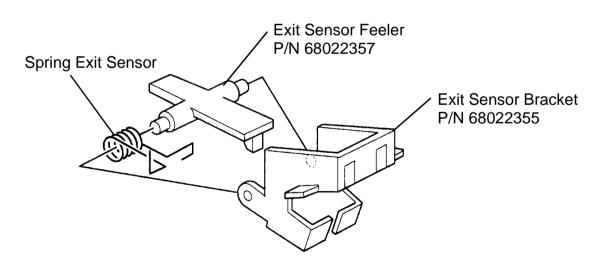
| MODEL NAME   | V/Hz        | DESTINATION | CODE    | SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 |               |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 |               |
| RICOH CS120  | 220, 240/50 | EUROPE etc. | A327-27 | A312501XXXX   |

ISSUED ON: November 30, '95

| Model                      | Micro Sorter for A7 / N440                    | Volt/Hz | Date of<br>Modification | Serial Number |
|----------------------------|---|---------|-------------------------|---------------|
| Modified Article           | Spring - Exit Sensor                          |         |                         |               |
| Reason for<br>Modification | To ensure proper operation of the exit sensor |         |                         |               |

To ensure proper operation of the exit sensor feeler, a spring has been added.

| 011 5/1 | New P/N  |                      | <u> </u>  | Inter-             | Parts Catalog |      |  |
|---------|----------|----------------------|-----------|--------------------|---------------|------|--|
| Old P/N |          | Description          | Q'ty Used | change-<br>ability | Index No.     | Page |  |
|         | A5572143 | Spring - Exit Sensor | 0 → 1     |                    | 38            | 5    |  |



M. Iwasa, Manager Technical Support Department

ISSUED ON: November 30, '95

| MODEL NAME   | V/Hz        | DESTINATION | CODE    | REI PRODUCTION<br>SERIAL NUMBER |
|--------------|-------------|-------------|---------|---------------------------------|
| NRG S313     | 220, 240/50 | EUROPE etc. | A327-25 | 280                             |
| INFOTEC S101 | 220, 240/50 | EUROPE      | A327-26 | 3B0                             |
| RICOH CS120  | 220, 240/50 | EUROPE etc. | A327-27 | A312                            |