

Model:

LaserBase MF6530
LaserBase MF6540PL
LaserBase MF6550
LaserBase MF6560PL
LaserBase MF6580PL

Ref No.:

MF6500-019
(F9-T01-M00-10039-01)

Date:

September 2007

Location:

Paper Feeder Unit

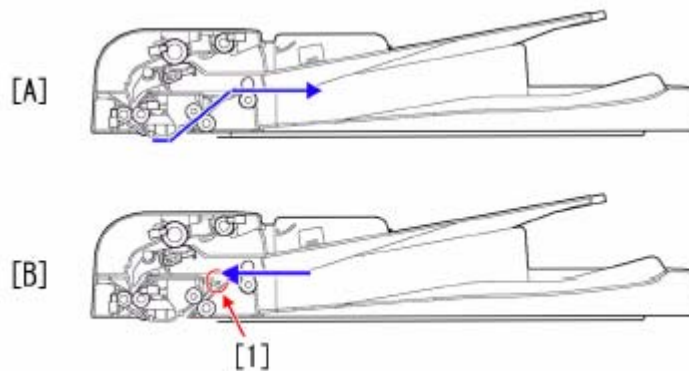
Subject:

Prevention of jam code "0008" occurring at both-sided reading

Detail:
<Symptom>

In both-sided reading with the ADF unit in use, a document is ejected as shown in [A] below after its first side is scanned, and then is feed back again (switchback operation) like [B] below for the second side scanning.

When the switchback operation is performed, however, the jam code "0008" (image lead edge sensor delay jam) may occur.



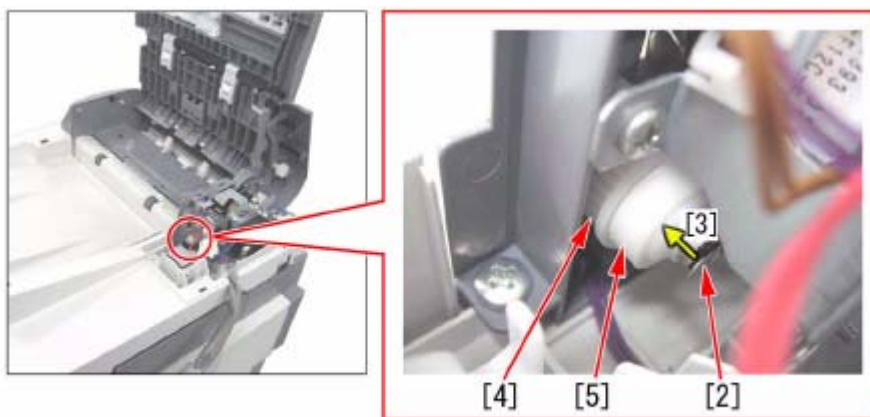
P-1

P-1 Document paths
[1] Paper feed guide

[A] Paper path for 1st side scanning
[B] Paper path for 2nd side scanning

<Cause>

As the grounding plate [2] presses the shaft of the paper delivery roller in the thrust direction [3], the gear joint [5] is pressed strongly to the 28T gear [4], and in some cases preventing smooth rotation of the gear. If this occurs, the switchback operation is performed before the trail edge of the document comes out of the paper feed guide [1], which causes the document to get caught in the paper feed guide, causing the jam.



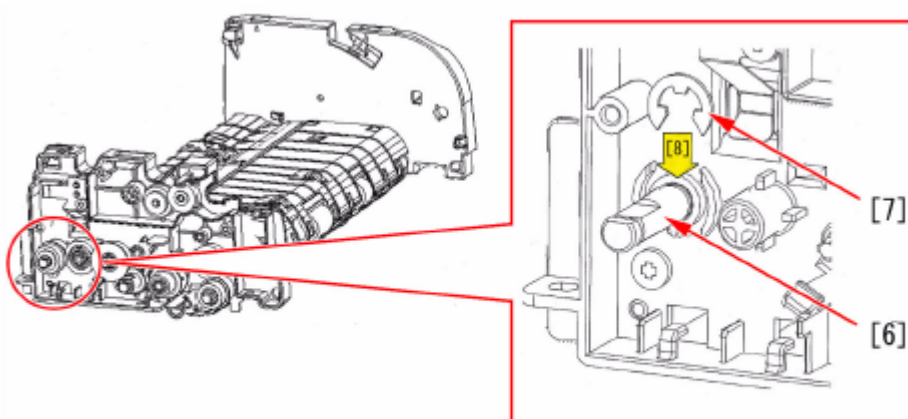
P-2

P-2 Paper delivery roller drive assembly
 [2] Grounding plate
 [3] Thrust direction

[4] 28T gear
 [5] gear joint

<Factory measures>

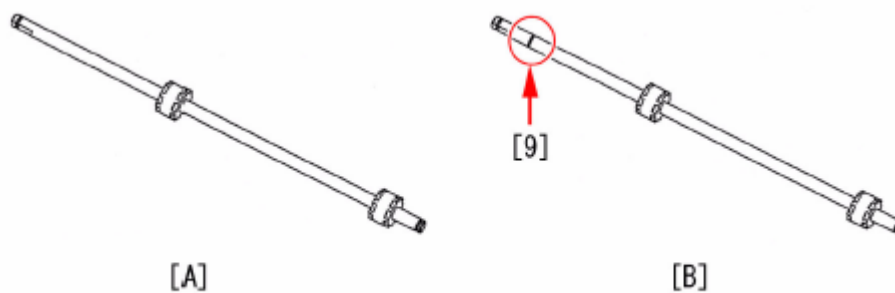
Chase the shaft [6] of the paper delivery roller (P-4) and add an E ring [7] so that the E ring can receive the pressure from the grounding plate for smooth rotation of the 28T gear. Additionally, shorten the 28T gear (P-5) in keeping with the addition of the E ring.



P-3

P-3 Paper delivery roller drive assembly
 [6] Paper delivery roller shaft

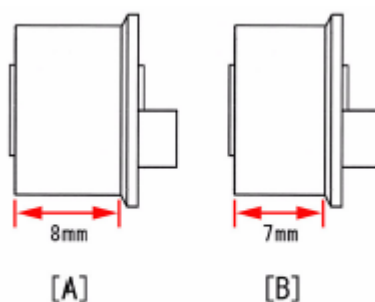
[7] E ring
 [8] Mounting position of the E ring



P-4

P-4 Paper delivery roller
 [9] Groove for the E ring

[A] Old type
 [B] New type



P-5

P-5 28T gear

[A] Old type
[B] New type

Service work:

When the foregoing symptom occurs, replace the paper delivery roller and the 28T gear by the new type at the same time, and mount the E ring.

Points to note about service work:

The old type 28T gear cannot be mounted to the machines listed in “Affected machines” below (The gear comes into contact with the E ring).

Service parts:

| No. | | Part No. | Part name | Q'ty | Stock | Simultaneous | Available from | Fig. No. |
|-----|---|--------------|------------------------|-------|-------|--------------|----------------|-----------|
| 1 | O | FC6-7764-000 | ROLLER, PAPER DELIVERY | 1 > 0 | C | A3 | In stock | 164, 164A |
| | N | FC6-7764-020 | ROLLER, PAPER DELIVERY | 0 > 1 | D | | | |
| 2 | O | FU7-0117-000 | GEAR, 28T | 1 > 0 | C | A3 | In stock | 164, 164A |
| | N | FU7-0117-020 | GEAR, 28T | 0 > 1 | D | | | |
| 3 | O | | | | | A3 | In stock | 164, 164A |
| | N | XD9-0136-000 | RING, E | 0 > 1 | F | | | |

Affected machines:

| | |
|--------------------------|--------------------|
| LaserBase MF6530 (EU1) | BAC02945 and later |
| LaserBase MF6550 (EU1) | DAC02865 and later |
| LaserBase MF6540PL (EU1) | EAC04003 and later |
| LaserBase MF6560PL (EU1) | FAC03073 and later |
| LaserBase MF6580PL (EU1) | GAC02833 and later |
| LaserBase MF6530 (EU2) | HAC02049 and later |
| LaserBase MF6550 (EU2) | NAC03737 and later |
| LaserBase MF6540PL (EU2) | PAC02633 and later |
| LaserBase MF6560PL (EU2) | QAC03593 and later |
| LaserBase MF6580PL (EU2) | SAC02105 and later |
| LaserBase MF6550 (EU3) | VAC03185 and later |
| LaserBase MF6560PL (EU3) | WAC02665 and later |
| LaserBase MF6580PL (EU3) | XAC03025 and later |