

**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:**

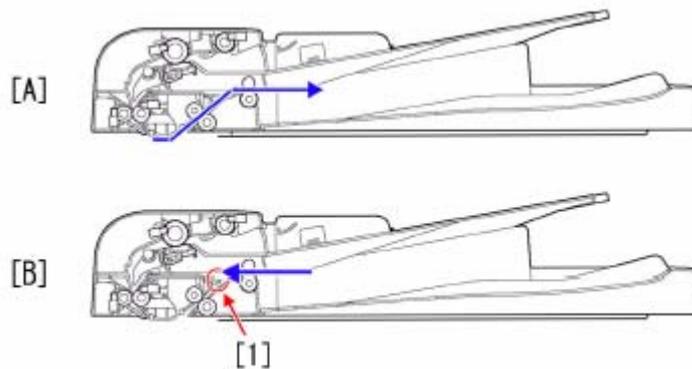
Prevention of jam code "0008" occurring at both-sided reading

**Detail:**

## &lt;Symptom&gt;

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.



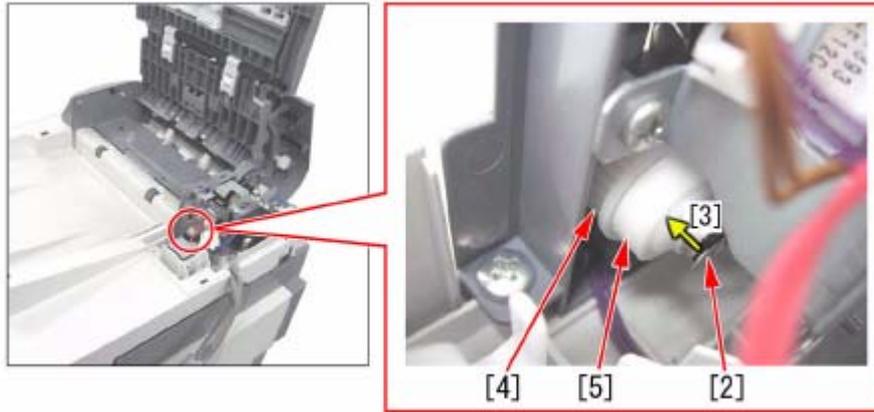
P-1

P-1 Document paths  
[1] Paper feed guide

[A] Paper path for 1<sup>st</sup> side scanning  
[B] Paper path for 2<sup>nd</sup> side scanning

## &lt;Cause&gt;

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.

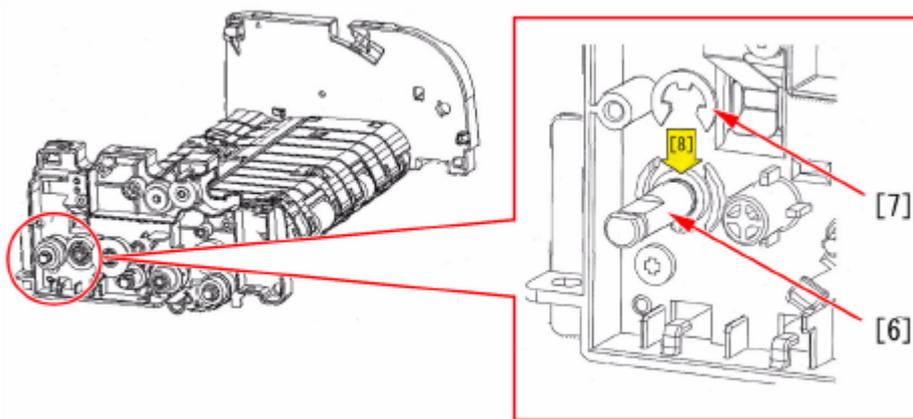


P-2

P-2 Paper delivery roller drive assembly  
 [2] Grounding plate  
 [3] Thrust direction  
 [4] 28T gear  
 [5] gear joint

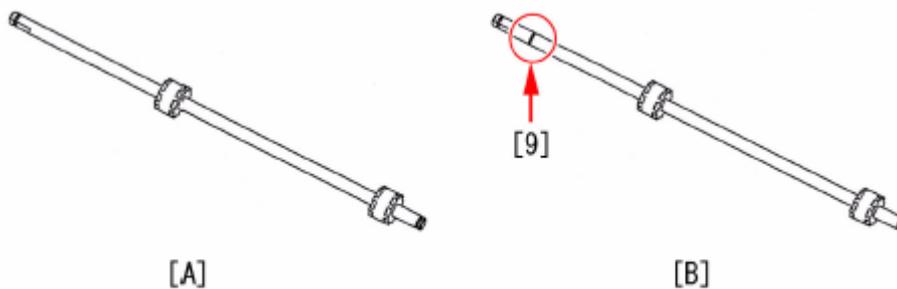
<Factory measures>

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.



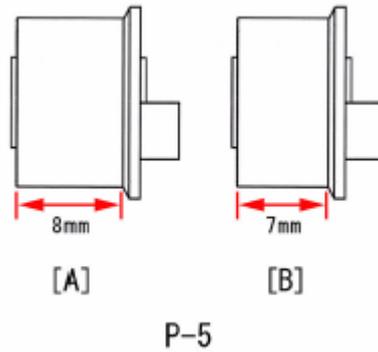
P-3

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 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