
Model : GP605 Series**Ref. No. : FF-T01- K1-000037-01****Date : January 11, 2000**© Canon (UK) Limited

Location : ADF REVERSE FLAPPER**Subject : ADF REVERSE FLAPPER STUCK OPEN COUNTERMEASURE ADF****Reason :** After a document jam has been cleared, if the reverse flapper is touched, it may remain open. A countermeasure to this problem was implemented (FF-T01-K1-000011-03), but even with this modification, excess strength may cause the same problem to occur, so a further countermeasure has been implemented.**Details :** <Symptom>

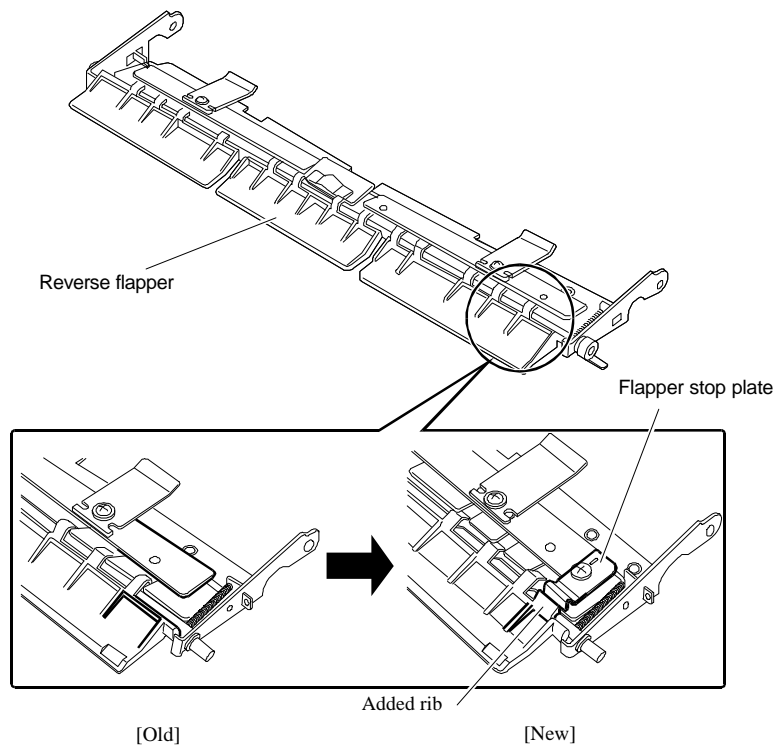
1. When attempting to clear a document jam, pressure is applied by hand to open the lower flapper in the lower section of the ADF, the flapper may get stuck in the open position. A countermeasure was implemented, but it was discovered that, even with this modification, the application of undue force would cause the same problem.
2. Further, in pre-reverse paper pickup, the link piece that makes the reverse flapper rotate has very little margin for error in between the parts dimensions and variations in the assembly accuracy, so that sometimes it may not be in the specified position. Therefore, the reverse flapper is controlled so that it drops downward, and there is a possibility that that it may touch the copyboard glass, resulting in a bent corner.

<Cause>

1. The flapper remains stuck in the open position because the physical force used to clear jams in the field may be greater than anticipated by Design. Also, with the previous countermeasure part, once the reverse flapper is opened, the lower guide plate, which is in contact with the reverse flapper, gets bent out of shape, and is prone to open.
2. The cause of the bent corner is the lack of margin for error in the part dimensions.

<Factory measure>

1. A reinforcing rib will be added to the reverse flapper, and a flapper stopper added to the lower guide, in order to strengthen the flapper rotation.



2. In order to increase the margin, the tolerance and shape of the following three parts will be modified.

FB4-7628, FB4-7656, FB4-7658

Servicing : If the flapper stuck open problem occurs, replace the whole unit.
Also, if document corners are getting bent, replace the three links simultaneously.

Service Parts :

No.	Description		Part number	Q'ty	Stock	Inter-changeability	PC ----- Stock date
1	Old	COVER, LOWER, GUIDE	FF5-8104-000	1→0	C	(I * I) ↓ I ↓ I	P30
	New	COVER, LOWER, GUIDE	FF5-8104-030	0→1	D		Mar., 2000
2	Old	FLAPPER REVERSE	FB4-7624-020	1→0	C	I ↑ ↓ I	P30
	New	FLAPPER REVERSE	FB4-7624-030	0→1	D		Mar., 2000
3	Old					I ↑ ↓ I	P30
	New	PLATE, STOP, FLAPPER	FB4-8067-000	0→1	D		Mar., 2000
4	Old	PAPER PICK-UP ASSEMBLY	FG6-2730-070	1→0	C	I ↑ Yes No ↓ I	P30
	New	PAPER PICK-UP ASSEMBLY	FG6-2730-200	0→1	D		Mar., 2000
5	Old	PAPER PICK-UP ASSEMBLY	FG6-2731-070	1→0	C	I ↑ Yes No ↓ I	P30
	New	PAPER PICK-UP ASSEMBLY	FG6-2731-190	0→1	D		Mar., 2000
6	Old	LINK, B	FB4-7628-000	1→0	E	I ↑ Yes No ↓ I	P30
	New	LINK SET	FG6-2816-000	0→1	D		Mar., 2000
7	Old	LINK, DEFLECTOR	FB4-7656-000	1→0	E	I ↑ Yes No ↓ I	P30
	New	LINK SET	FG6-2816-000	0→1	D		Mar., 2000
8	Old	LINK, A	FB4-7658-000	1→0	E	I ↑ Yes No ↓ I	P30
	New	LINK SET	FG6-2816-000	0→1	D		Mar., 2000

*1: The three parts have interchangeability for simultaneous replacement, and if one is ordered, all three come as a set.

In order to distinguish old and new parts, the color has been changed from white to black.

Affected machines:

ADF	YC19399 and later	GY06126 and later	YE00815 and later
GP605	F13-5618 F13-5631 F13-5638 F13-5641 F13-5661	LNP01686 and later NLE11630 and later NNT07855 and later PIP00441 and later RLE00373 and later	