Canon

Service Information

COPIER

☒**HARDWARE**
☐**SOFTWARE**

Model : Saddle Finisher -D2

Ref. No. : FF-T01-W-000114-01
Date : July 7, 2000

Location : SADDLE FINISHER

Subject : MEASURE TO PREVENT CREASE IN FOLDING MODE

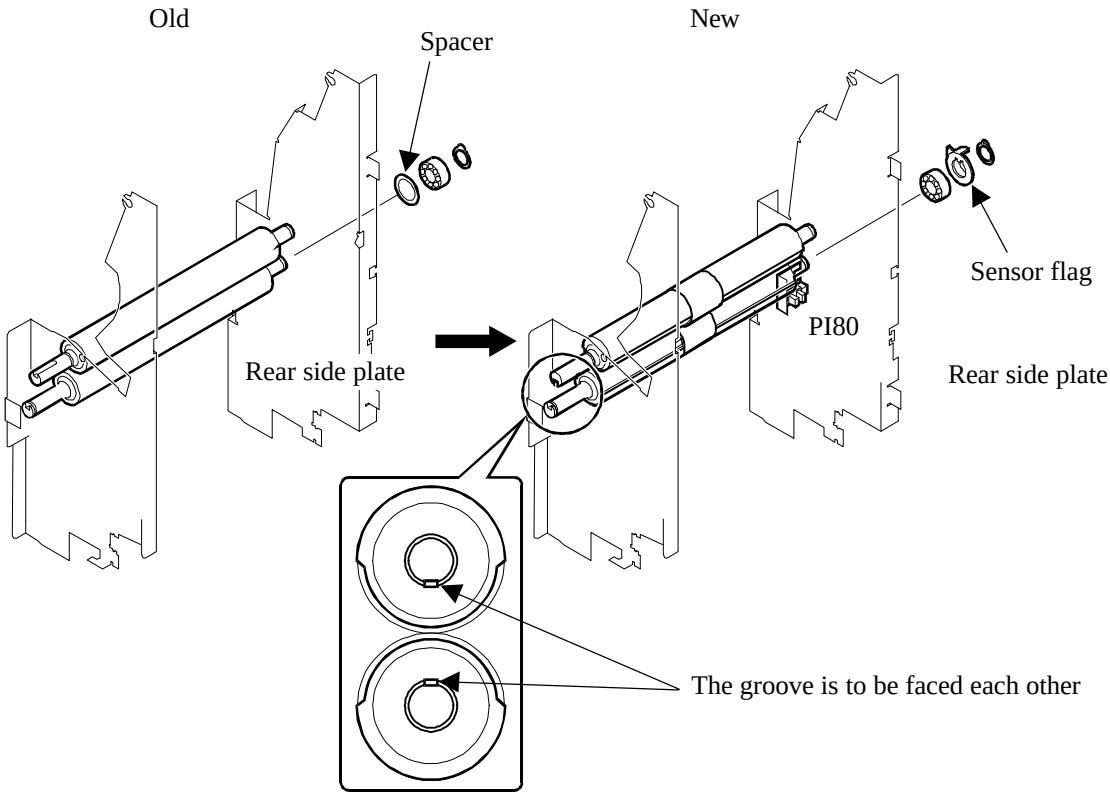
Reason : The shape of the folding roller is to be modified due to possible crease in folding mode.

Details : <Symptom>
Crease in folding mode.

<Cause>
In folding paper, paper is slackened off, which might cause crease.

<Factory measure>
The shape of the folding roller surface is to be modified so that slack escapes at the end of the folding roller when paper is slackened off.
Due to this modification, the following is to be modified to add the controller detecting the position of the folding roller surface.

1. The sensor detecting the position of the roller surface P180 and the sensor flag (at the lower back of the folding roller) are to be added.
   (Due to the addition of PI80, the hole for screws to attach the sensor to the rear side plate and cable are to be added in the saddle finisher.)
2. The circuit of the saddle controller PCB is to be modified (addition of J18-3Pin).
   Due to the modification in circuit, the PCB no. FH1-2800 is to be changed to FH1-3093.
3. The software is to be modified. (ROM Ver. 3)
   Refer to S. Info. FF-T01-W-000110 for the modification of ROM Ver. 3 (FF3-3636-030).



Direction of the upper/lower part of the folding roller in attachment.

Figure 1. Folding roller in the saddle finisher

Points to Note When Servicing:

1. When the folding roller is removed in the modified machine as above-mentioned, the gear is to be attached, with the upper part of the grooves of the folding roller shaft facing the lower part of the groove without fail. When the upper part of the groove is not opposing to the lower part, the following defect may occur:
   - "Defective folding" due to the deviation of the position of folding roller surface.
     (In this case, the E5F102 is displayed.)
     Note: The defective folding, here, means that paper is folded properly in the middle but folded defectively in both sides.
   - Deformation in the middle of folding roller.

2. Do not attach the folding roller whose shape was modified to the machine in the field without the above modification conducted.
   (Due to no hole for screws or no cable for connection, the sensor detecting the position of the roller surface PI80 cannot be attached to the rear side plate without the above modification.
   Due to this fact, the above-mentioned defect may occur if the shape-modified folding roller is attached, because the position of the roller surface cannot be detected. Note that the rear side plate and cable are not established as a service part.)

Service Parts :

No.		Description	Part number	Q'ty	Stock	Inter-change-ability	P.C. Stock date
1	Old	ROLLER, FOLDING	FB3-7936-000	2→0	F	No ↓ ↑ No	Q50
	New	ROLLER, FOLDING	FB5-5936-000	0→2	F		Early July
2	Old				F	↓ ↑ No	Q50
	New	PHOTO-INTERRUPTER	WG8-5362-000	7→8	F		In stock
3	Old	SPACER	FB3-7938-000	1→0	F	No ↓ ↑ No	Q50
	New	FLAG, SENSOR	FB5-5937-000	0→1	F		In stock
4	Old	SADDLE CONTROLLER PCB ASSEMBLY	FG3-0536-000	1→0	F	No ↓ ↑ Yes	Q91
	New	SADDLE CONTROLLER PCB ASSEMBLY	FG3-0536-040	0→1	F		In stock
5	Old	EP-ROM	FF3-3636-000	1→0	F	No ↓ ↑ Yes	Q90
	New	EP-ROM	FF3-3636-030	0→1	F		

Affected machines:

F24-9511 115V : NLJ06915 and later
F24-9521 220V 240V : ULJ05387 and later