Service Bulletin

COPIER

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Model : GP405/335

No.: GP405-008
(FF-T01-J7-000023-01)

DATE: 10.08.99

Location : REGISTRATION FRONT GUIDE ASSEMBLY

Subject : PREVENTION OF JAM 0131

Reason : To communicate changes that have been made to the registration front guide assembly in order to reduce the number of 0131 jams.

Details : <Symptom>
There are cases where jam 0131 (stationary jam) results due to the paper remaining in the registration front guide assembly.

<Cause>
The mylar (FB4-3311-000) stuck to the registration front guide assembly becomes charged (depending on the environmental conditions and paper types) by the paper going past the mylar, causing the copy paper to stick to the mylar.

<Factory measure>
The following changes were made to the mylar stuck to the registration front guide assembly:

- Change to a material with high conductivity (from Corton to Tufflite)
- Change in the shape of the mylar (see Fig. 1 for the tab shapes circled) for sticking the mylar and the sensor plate together to the registration front guide assembly and for reliably grounding the charge built on the mylar surface.

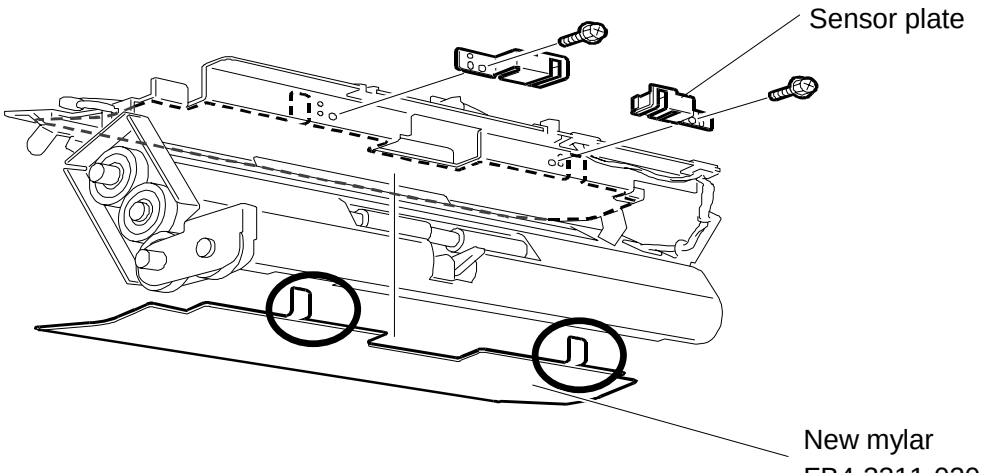


Fig. 1 Registration front guide assembly

Servicing : It is necessary to remove and replace the registration front guide assembly in order to take the same measures in the field (as taken at the factory). Since the work will take approximately 20 minutes, even by persons who are accustomed to removing and replacing the registration front guide assembly, the procedure (different from the procedure for the factory) for doing the work in the field has been established as follows:

Things to prepare: Mylar for field use (not assigned as a service part but supplied free to the sales companies)

1) Open the right door of the main unit.
2) Stick the new mylar over the old mylar stuck to the registration front guide assembly (see Fig. 2 for sticking the mylar to the specific position).

Precautions to take in sticking the mylar:

In the figure below, the solid line B shown for the field use mylar and the solid line A on the registration guide assembly are references for lapping the new mylar over the old mylar. Stick the field use mylar in such a way that their tab sections are positioned and sandwiched by the sensor plate and the registration front guide assembly.

3) Since the multi-paper detection sensor and the right door open/close detection sensor will not function normally if the sensor plate is attached at an angle, check the function of these sensors upon completing the servicing work.

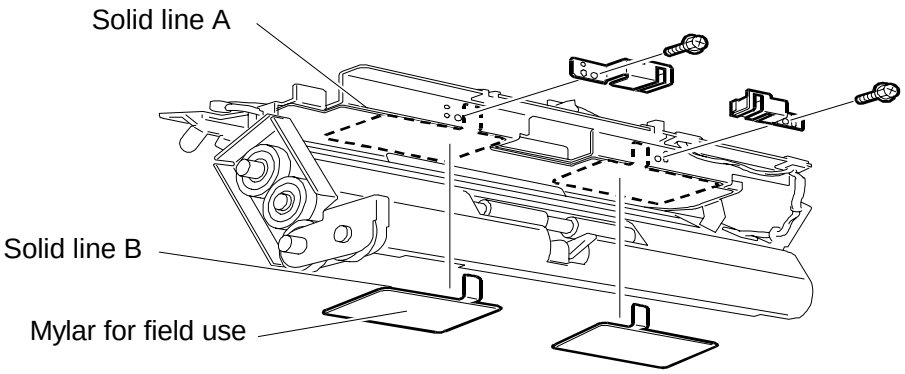


Fig. 2 Registration front guide assembly

Service Parts :

GP405

No.	Description		Part number	Q'ty		Inter-change-ability	P.C.
1	Old	SHEET, LOWER GUIDE	FB4-3311-000	1→0		No Yes	341-15B
	New	SHEET, LOWER GUIDE	FB4-3311-020	0→1			
2	Old	GUIDE, REGISTRATION, UPPER	FF5-6996-000	1→0		No Yes	341-15
	New	GUIDE, REGISTRATION, UPPER	FF5-6996-020	0→1			
3	Old	REGIST. FRONT GUIDE ASSEMBLY	FG6-0591-000	1→0		No Yes	341
	New	REGIST. FRONT GUIDE ASSEMBLY	FG6-0591-040	0→1			

Affected machines:

GP405	FRN	SNY01241 and later
	GER	TNY00594 and later
	UK	QNY01623 and later
	AMS	UNY03080 and later
	ITA	PNY00411 and later
GP335	FRN	SNZ01151 and later
	GER	TNZ00881 and later
	UK	QNZ01818 and later
	AMS	UNZ03686 and later
	ITA	PNZ00411 and later