

**Model:** iR2200/2800/3300 /2200i/3300i**Ref. No. :** FF-T01-L5-000021-01**Date :** August 7, 2002

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**Location:** Registration Front Guide Assembly**Subject:** Countermeasure Against Delay Jam 0101**Reason:** At feeding operation, paper leading edge passes above registration front sensor without being detected, sometimes resulting in delay jam 0101.**Detail:**

## &lt;Symptom&gt;

Operation using cassette feeding mainly leads to registration delay jam (jam code 0101).

## &lt;Cause&gt;

At installing pick-up assembly, registration front lower guide (FF6-0088) in registration front guide assembly tends to lean, making wide gap between the registration front upper (FB5-4711) and the lower guide. Moreover, paper leading edge passes through above registration front sensor flag (FB5-4713) attached on the registration front lower guide without being detected, resulting in 0101 jam. (Registration front sensor delay jam)

When the registration front sensor flag detected paper, which had been distorted by registration before occurring jam, the paper was delivered with shaped like "Z".

## &lt;Factory Measures&gt;

## 1. Positional adjustment for registration front guide assembly

To require positional tolerance of registration front guide (upper and lower) as installing pick-up assembly, positional adjustment is carried out using jig.

## 2. New shape of registration front sensor flag

To prevent paper passing above sensor flag without being detected, the shape of registration front sensor edge is changed from R1.4 to R0.5 (more sharpened)

**Service Work:**

For the same effects on the symptom, take either of the following actions.

<1. Replacing with positional adjusted registration front guide assembly>

Registration front guide assembly concerning revision number 090 or later of paper pick-up mount assembly has been implemented its positional adjustment and its inventory is already available, thus replace with the new pick-up assembly.

<2. Replacing registration front sensor flag>

Machines work properly by replacing registration front sensor flag with its modified one (FB5-4713-020). The procedure is as follows:

1. Remove pick-up assembly.

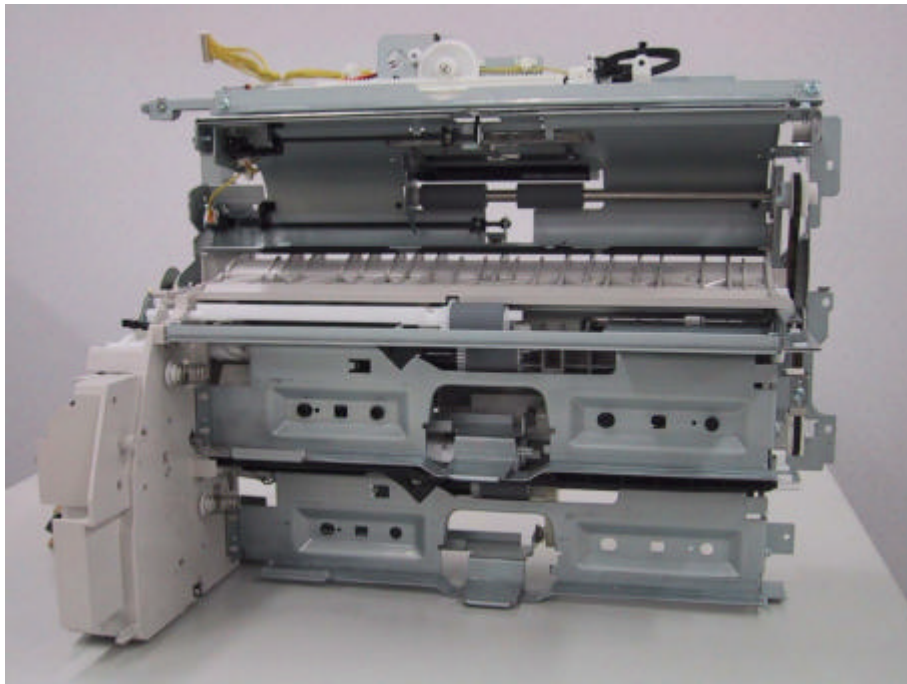
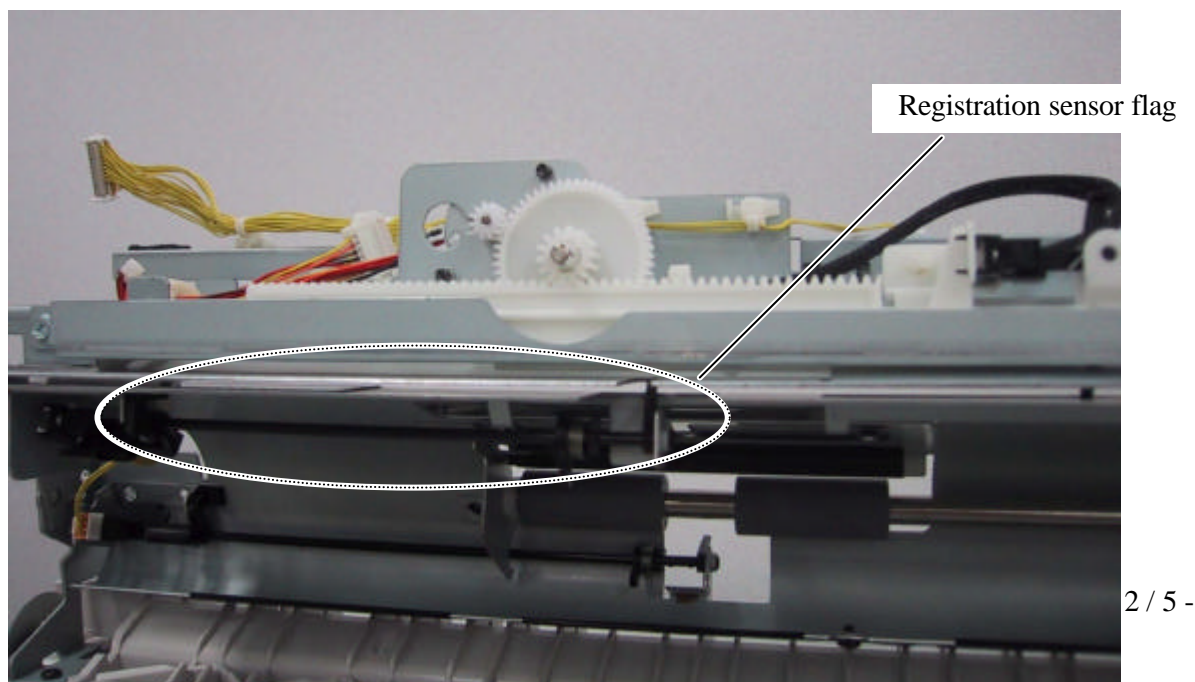


Fig.1 Pick-up assembly

2. Detach registration front sensor flag. Care should be taken not to distort spring (FB3-2658) during work.



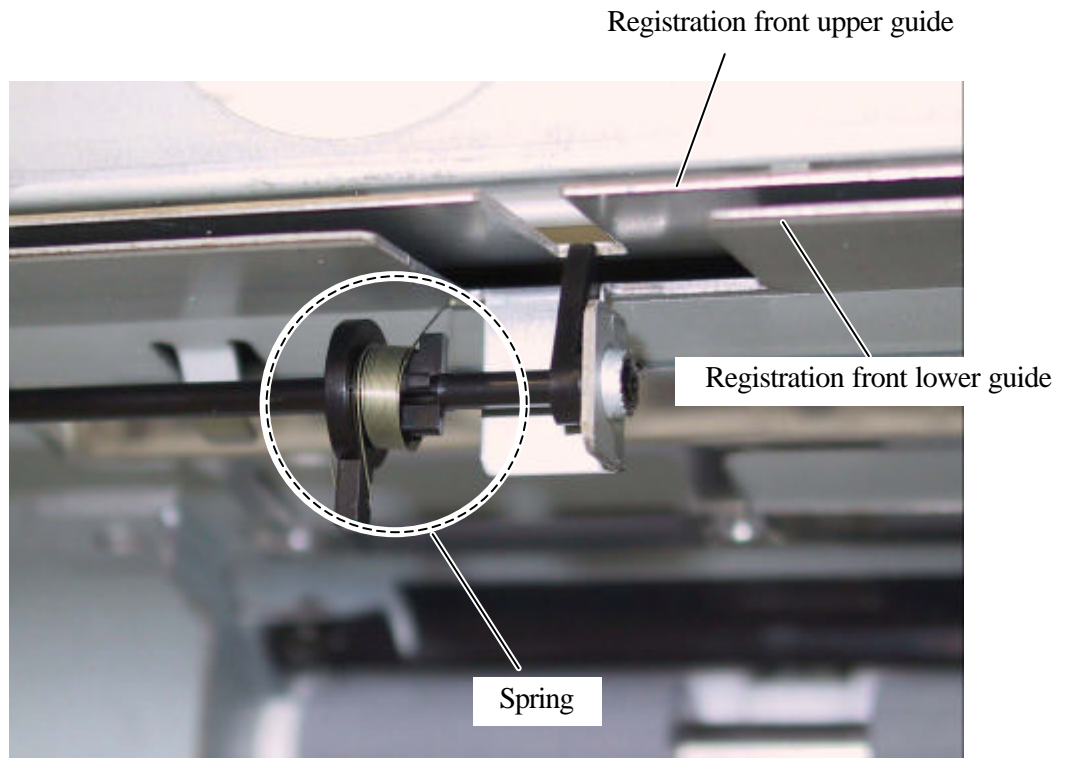


Fig.3 Registration front sensor flag and spring

3. Detach spring from the registration front sensor flag (detached at 2) and attach the spring to another registration front sensor flag (FB5-4713-020). Attach the new registration front sensor flag back to the pick-up assembly by following procedure adversely (2→1). Care should be taken not to distort the spring (FB3-2658) during work.

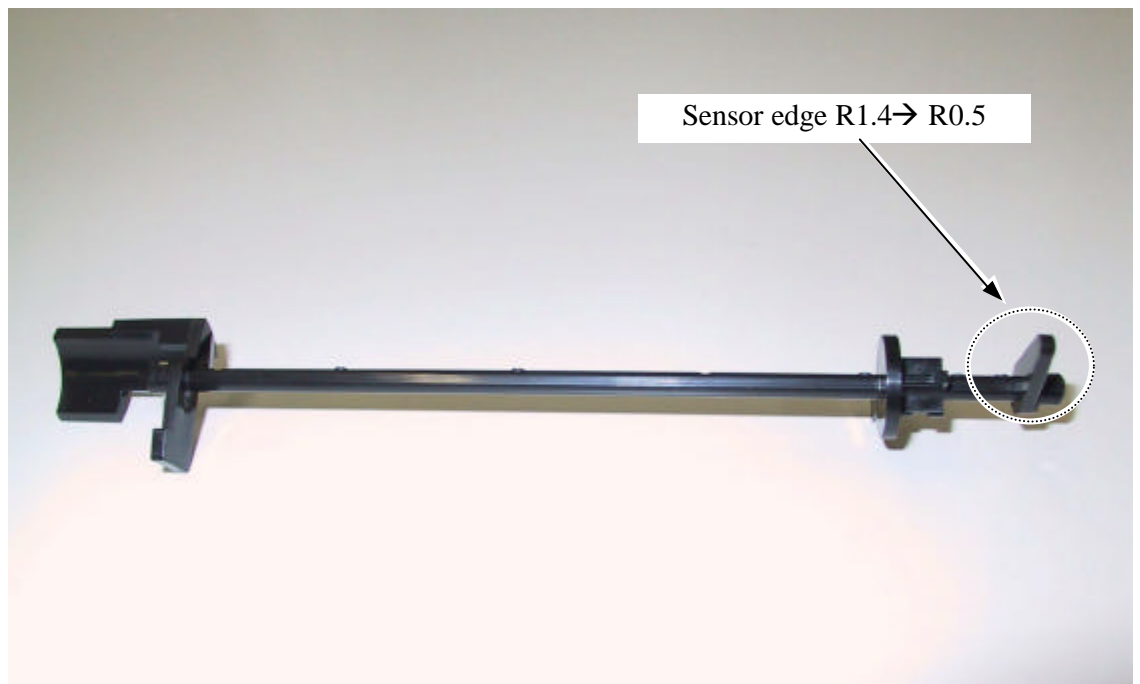


Fig.4 Registration front sensor flag

**Points to Note About Service Work:**

Nothing informed.

**Service Parts:**

No.	Description		Part number	Q'ty	Stock	Inter-change-ability	PC. ----- Stock date
1	Old	PAPER PICK-UP ASSEMBLY	FG6-5644-100	1→0	C	↓ No   ↑ Yes	310-3
	New	PAPER PICK-UP ASSEMBLY	FG6-5644-130	0→1	D	↓ No   ↑ Yes	In stock
2	Old	FLAG, REGIST, FRONT SENSOR	FB5-4713-000	1→0	C	↓ No   ↑ Yes	320-2
	New	FLAG, REGIST, FRONT SENSOR	FB5-4713-020	0→1	D	↓ No   ↑ Yes	End of Sep.

**Affected Machines:**

## 1. Positional adjustment for Registration Front Guide Assembly

Product name	Product code	Destination	Serial Number
iR2200G	6583A019AA	120V UL GOV	MPC00401 and later
iR2800G	6379A019AA	120V UL GOV	MPK00326 and later
iR3300G	6378A019AA	120V UL GOV	MPD00497 and later
iR2200	6583A002BA	120V UL	MPG03883 and later
iR2800	6379A002BA	120V UL	MPJ02204 and later
iR3300	6378A003BA	120V UL	MPH02791 and later
iR2200	6583A002AA	120V UL	NSQ01299 and later
iR2800	6379A002AA	120V UL	NST00431 and later
iR3300	6378A003AA	120V UL	NSS01190 and later
iR2200	6583A003BA	230V ITA	PSQ00201 and later
iR2800	6379A007BA	230V ITA	PST00196 and later
iR3300	6378A002BA	230V ITA	PSS00021 and later
iR2200	6583A009BA	230V OTH	PSR00051 and later
iR2800	6379A008BA	230V OTH	PSV00061 and later
iR3300	6378A008BA	230V OTH	PSU00381 and later
iR2200	6583A004BA	230V UK	QEF00251 and later
iR2800	6379A009BA	230V UK	QEH00476 and later
iR3300	6378A004BA	230V UK	QEG00311 and later
iR2200	6583A005BA	230V CA	REE00101 and later
iR2800	6379A013BA	230V CA	REG00211 and later
iR3300	6378A011BA	230V CA	REF00211 and later
iR2200	6583A006BA	230V FRN	SDD00401 and later
iR2800	6379A010BA	230V FRN	SDJ00701 and later
iR3300	6378A005BA	230V FRN	SDF00250 and later
iR2200	6583A007BA	230V GER	TDS00270 and later
iR2800	6379A011BA	230V GER	TDU00811 and later
iR3300	6378A006BA	230V GER	TDT00211 and later
iR2200	6583A008BA	230V AMS	UHK01085 and later
iR2800	6379A012BA	230V AMS	UHM01866 and later
iR3300	6378A007BA	230V AMS	UHL00821 and later

## 2. New shape of registration front sensor flag

Product name	Product code	Destination	Serial Number
iR2200G	6583A019AA	120V UL GOV	MRH00851 and later
iR2800G	6379A019AA	120V UL GOV	MRK00721 and later
iR3300G	6378A019AA	120V UL GOV	MRJ00456 and later
iR2200	6583A002BA	120V UL	MPG29096 and later
iR2800	6379A002BA	120V UL	MPJ10486 and later
iR3300	6378A003BA	120V UL	MPH20719 and later
iR3300i	7468A002AA	120V UL	MQC00263 and later
iR2200	6583A020AA	120V TWN	MQY00005 and later
iR3300	6378A020AA	120V TWN	MRB00005 and later
iR2200	6583A003BA	230V ITA	PSQ01251 and later
iR2800	6379A007BA	230V ITA	PST00416 and later
iR3300	6378A002BA	230V ITA	PSS05586 and later
iR2200	6583A009BA	230V OTH	PSR00962 and later
iR2800	6379A008BA	230V OTH	PSV00231 and later
iR3300	6378A008BA	230V OTH	PSU01436 and later
iR3300i	7468A004AA	230V OTH	RSE00005 and later
iR2200	6583A004BA	230V UK	QEF04561 and later
iR2800	6379A009BA	230V UK	QEH02772 and later
iR3300	6378A004BA	230V UK	QEG02236 and later
iR2200	6583A005BA	230V CA	REE01962 and later
iR2800	6379A013BA	230V CA	REG00446 and later
iR3300	6378A011BA	230V CA	REF01746 and later
iR2200	6583A006BA	230V FRN	SDD06716 and later
iR2800	6379A010BA	230V FRN	SDJ02006 and later
iR3300	6378A005BA	230V FRN	SDF02683 and later
iR2200	6583A007BA	230V GER	TDS06230 and later
iR2800	6379A011BA	230V GER	TDU01471 and later
iR3300	6378A006BA	230V GER	TDT02157 and later
iR2200	6583A008BA	230V AMS	UHK10590 and later
iR2800	6379A012BA	230V AMS	UHM05257 and later
iR3300	6378A007BA	230V AMS	UHL04901 and later
iR3300i	7468A009AA	230V AMS	UJC00005 and later
iR2200	6583A021AA	230V CHN	SSE00021 and later
iR2800	6379A025AA	230V CHN	SSR00007 and later
iR3300	6378A021AA	230V CHN	SSF00017 and later