

SB Number:	SB 2BF-013	Creation Date: 19/08/2005
Subject:	Measures against DRUM COUPLING coming off	
Model:	FS-C8026N, KM-C2630/C2630D	

Phenomenon:

There is a possibility that drum coupling might come off the drum motor pin (which transfers drive from the drum motor to the drum) and 'unsuccessful color registration' or 'Imaging Unit lock' might occur.

Cause:

The COVER INNER FRONT is originally supposed to be fastened with M4X10S tight screw (P/N: B1A54100). However, if it is fixed with M4X8S tight screw by mistake, it's likely to move to the front of machine inside of the front cover. This will result in a decrease of pressure pushing the drum unit to the back of the machine. The lack of pressure will then result in a partial disengagement with the drum motor pin and subsequently the drum coupling is apt to come off.

(Please refer to the illustration on the following page for a graphic display of problem location, cause and countermeasure.)

Countermeasure:

To increase the fixation tolerance of the drum motor pin and drum coupling, The spring pressure of SPRING JOINT D that pushes JOINT DRUM to the drum coupling side has been increased.

Spring pressure: OLD: 6N
NEW: 16N

No.	Old Parts No.	New Parts No.	Description	Q'ty		Interchange ability		SP	Remarks
				Old	New				
1	2BG00560	302BG00561 2BG00561	DRUM DRIVE ASS'Y	4	4	X	O	O	
2	2BG22020	302BG22021 2BG22021	+SPRING JOINT D	4	4	X	O	-	

Field Measure:

When attaching COVER INNER FRONT, please be sure to fix right and left side of the cover with M4x10S tight screw (P/N: B1A54100).

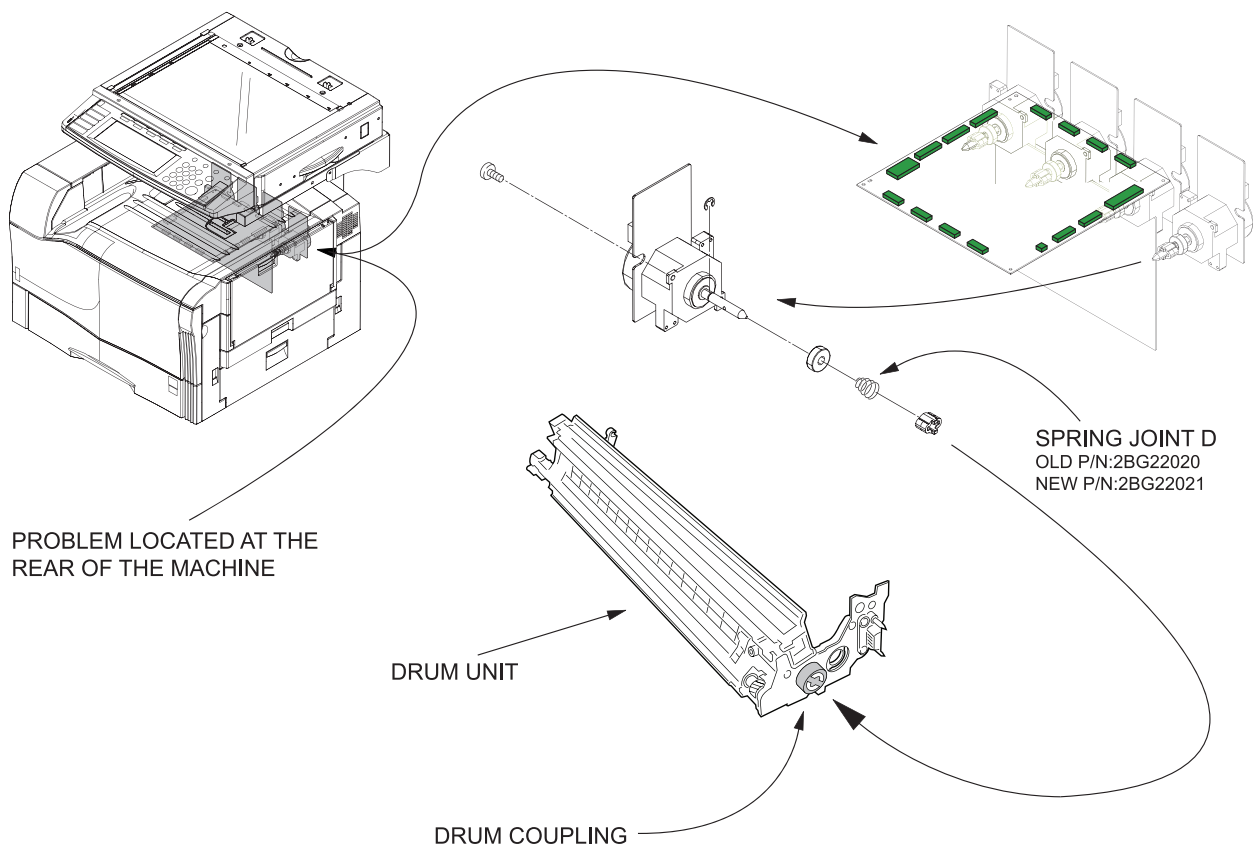
Affected Machine Serial Numbers:

FS-C8026N

General: From first mass production and after;

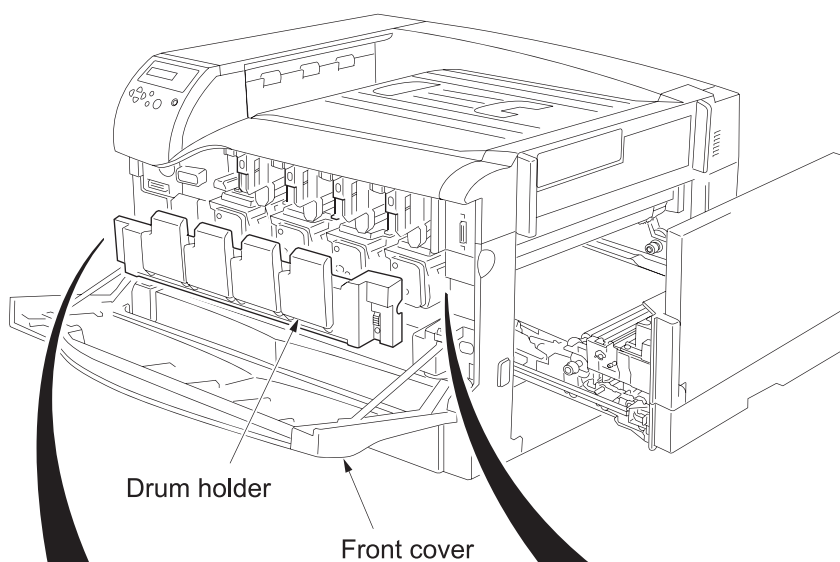
Other specification: From the next production and after;

KM-C2630/C2630D: From V3006701 and higher.



The problem can be avoided by using the proper screws (as described below) to fasten *COVER INNER FRONT* (p/n: 2BG0917_). If the wrong screws are initially used when installing the device, please replace these with the correct screws.

Additionally, replace the current *SPRING JOINT D* (p/n: 2BG22020) with the new *+SPRING JOINT D* (p/n: 2BG22021). The spring pressure has been increased on the new spring by 10N which will decrease the chance of *JOINT DRUM* disconnecting from the *DRUM COUPLING*.



TIGHT SCREW: **CORRECT** = M4X10S
p/n: B1A54100
WRONG = M4X8S
p/n: B1A54080

