Service Bulletin

SB Number:	**SB 2HP-013**	*Creation Date:* **28/08/2008**
Subject:	***Paper jam 18 at the vertical conveying section***	
Model:	**FS-C8100DN**	

Phenomenon	Paper jam 18 at the vertical conveying section.

Cause	Particles from the environment such as dust stick to the surface of the vertical conveying pulley, resulting in weaker nip pressure.

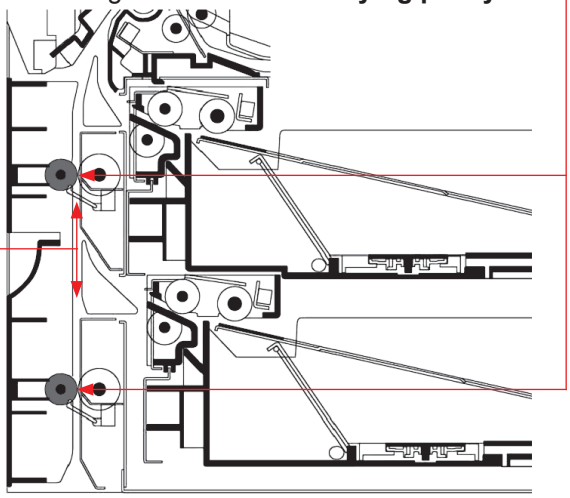
Solution	1. Replace spring feed low 302FZ04762 with 302FZ04763 to improve the pressure from the vertical conveying pulley. Add film cover feed low 302JD22010 at the internal side of the handle section. 2. Add cover feed low IN 302FZ04380 instead of film cover feed low 302JD22010 as a permanent solution. Check the following to recognize if the spring feed low is old or new type: The constant of the spring: **Old:** 2.2N/mm **New:** 1.5N/mm The length of the spring: **Old:** 28.5mm **New:** 28.3mm Number of uses: **Old:** 1x **New:** 2x The external diameter: **Old:** ø8.6mm **New:** ø8.4mm

Parts	No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchange-ability		SP
					Old	New	Old	New	
	1	302FZ93313 2FZ93313	302FZ93314 2FZ93314	PARTS COVER FEED LOW ASS'Y	1	1	X	O	O
Solution: 1	2	----------	302JD22010 2JD22010	+FILM COVER FEED LOW	-	1	-	O	O
	3	302FZ04762 2FZ04762	302FZ04763 2FZ04763	+SPRING FEED LOW	2	4	X	X	-
Solution: 2	4	----------	302FZ04380 2FZ04380	+COVER FEED LOW IN	-	1	-	x	O
	5	----------	5MBPB300- 8PW++R	+BIND T.T SCREW(+) / M3 X 8 CRFREE P-T	-	2	-	X	-

Classification	☐ Entire stock rework	☐ In-field modification at next visit	☒ In-field modification by case	☐ No modification necessary
Field measure	Take the following measures when the above mentioned phenomenon occurs: 1. Clean the 8 pulleys at the vertical conveying section and the 2 bearings at the vertical conveying pulley section with alcohol and remove any dust. 2. Attach film feed low to the internal side of the vertical conveying section. 3. Replace all the springs feed low with (Old type installed 2 times total, new type 4 times total).			

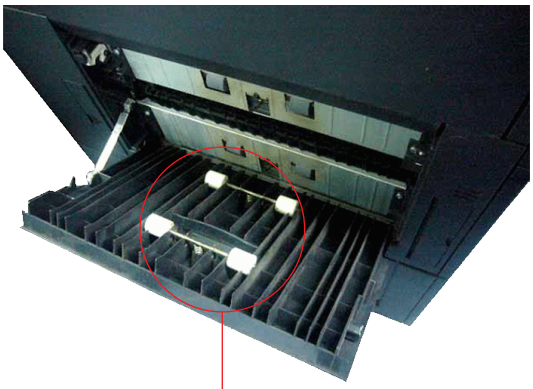
Affected serial numbers	Type	Serial number
	FS-C8100DN	From the production of march 2008

Environment particles like dust enter the machine through the handle section when paper is fed through the vertical **conveying pulley's**

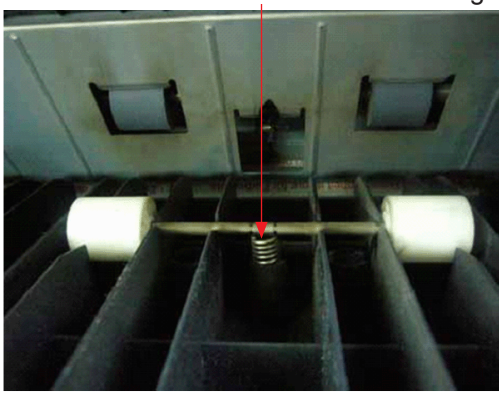


Condition from the left side of the machine; Clean the 8 vertical **conveying pulley's** and **2 bearing's** with cleaning alcohol.

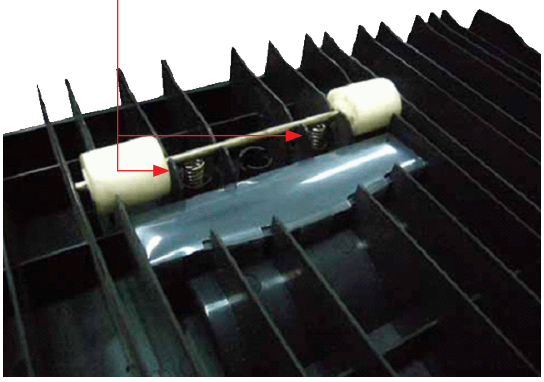
Condition from the left side of the machine; **Solution 1:** replacing spring feed low 302FZ047062 with 302FZ047063



Previous condition of the lower side of the vertical conveying section; Single **spring feed low 302FZ04762** under the bearing.

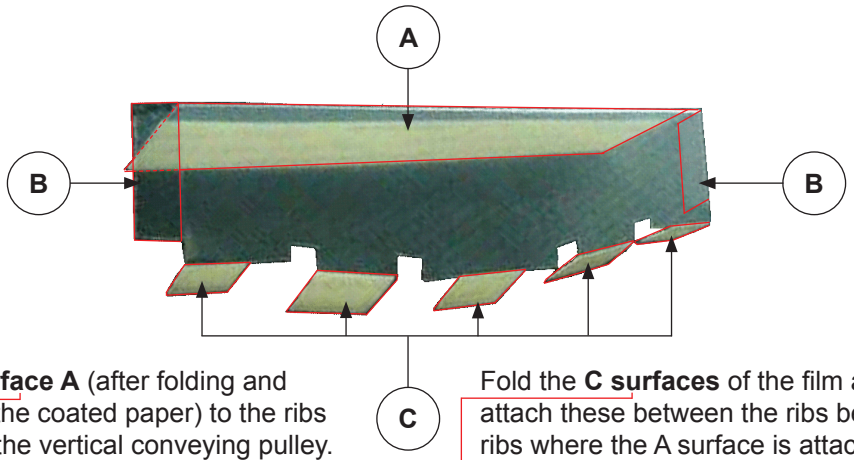


Current condition of the lower side of the vertical conveying section; Place **spring feed low 302FZ04763** 2 times under the bearing.

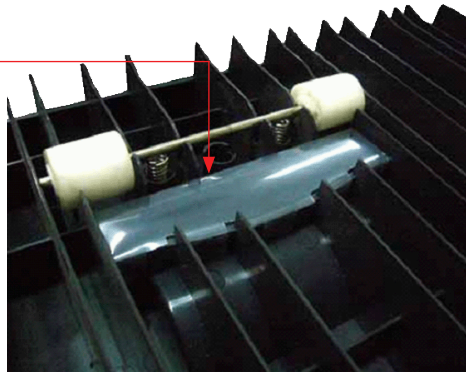


Solution 1: Follow below mentioned procedures how to place film cover feed low 302JD22010:

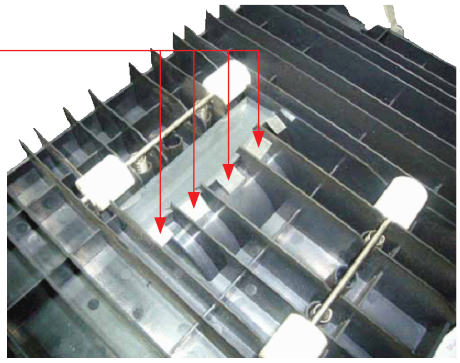
1. Clean the handle section of the vertical conveying cover and the surrounding area with alcohol.
2. Fold the film as illustrated in the image below.
3. Remove the coated paper from surface **A** of the film, and attach the film to the edge of the surface of the vertical conveying cover handle section.
4. Bend surface **B** (both sides) of the film and remove the coated paper from surface **C** of the film. Insert this side between the ribs at the outside of the handle section



Attach **surface A** (after folding and removing the coated paper) to the ribs in front of the vertical conveying pulley.

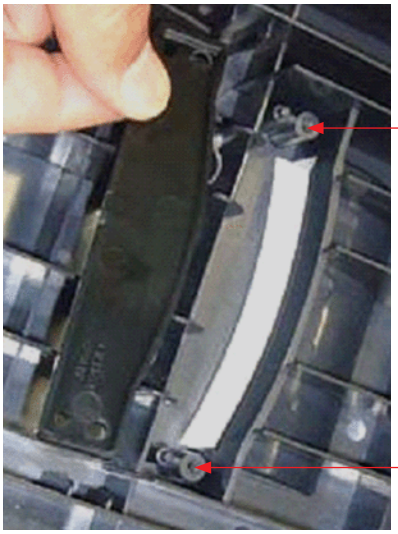


Fold the **C surfaces** of the film and attach these between the ribs beside the ribs where the A surface is attached.



Solution 2: Add cover feed low instead of film feed low, at the position where the film cover feed low should be attached.

Add inner cover **positioning boss** as shown below.



Attach **cover feed low IN 302FZ04380** and fix it with the **binding screws**