

Service Bulletin

SB Number:	SB AS-106	Issue Date:	05/11/2002
Subject:	Check points for finisher middle tray jam code J83		
Model:	F-4730, DF-71E, DF-35 (for KM-2530/3530/6230/C830/C830D, FS-9100DN/9500DN)		

Please be informed of the **field measure** for J83.

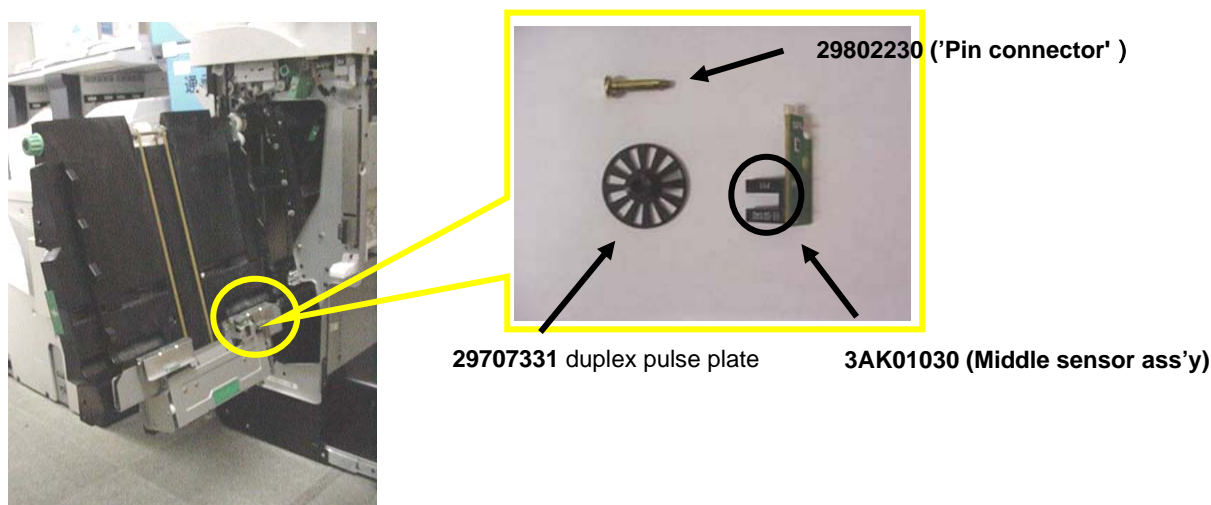
If **JAM83** should occur frequently, please clean **1.) the duplex pulse plate, 2.) pin connector** and **3.) the middle sensor ass'y**. Please mind to clean those areas during regular maintenance as well!

- Use alcohol or water to clean.
- Make sure to clean the hole sections in the duplex pulse plate, the surface of the pin connector and inner section of the middle sensor.
- Do not apply any grease to the pin section of the duplex pulse plate!

Probable cause of J83

Dust may accumulate in and around the rotating wheel of the middle tray pulse sensor, which will result into an unsmooth and slower rotation of the wheel. Because of this, the duplex pulse plate (P/N: 29707330) may not rotate and the paper, stocked onto the middle tray, is not detected. If the dust goes into the middle sensor section (middle sensor ass'y 3AK01030), also a detection error may occur.

Fig.1. Areas to clean



Areas to clean:

Duplex pulse plate (P/N: 29707331) => inside section of the hole

Pin connector (P/N: 29802330) => complete exterior

Middle sensor ass'y (P/N: 3AK01030) => area inside circle on above picture.

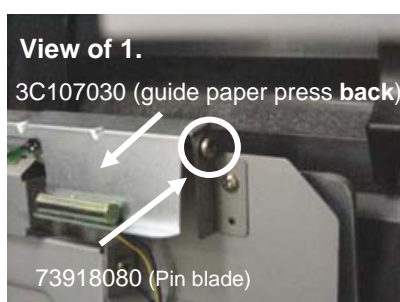
Refer to next page for procedure how to reach the above parts that need cleaning.

Permanent measure

As of October 2002 production a dust prevention film is planned to be added.

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Procedure how to remove 'Duplex pulse plate', 'Pin connector' and 'Middle sensor ass'y'



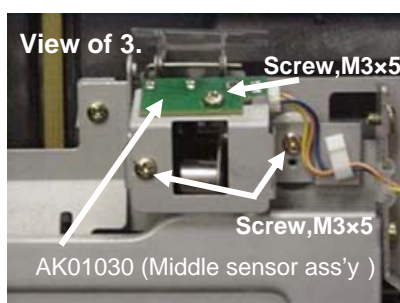
- 1.) Remove 'Pin blade' (73918080) and remove 'Guide paper press back' (3C107030) as indicated in left photo.

Note: Be careful not to deform the metal plate.



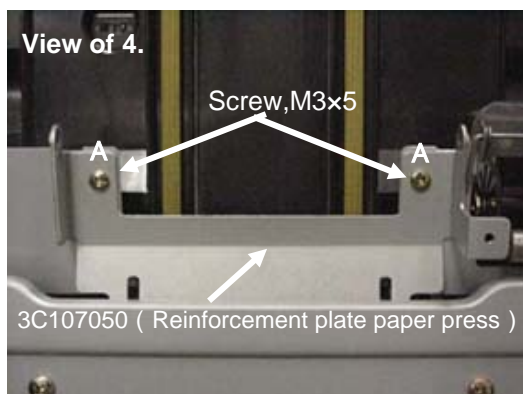
- 2.) Remove 'Pin blade' (73918080) and the 'Guide paper press front' (3C107020) as indicated in left photo.

Note: Be careful not to deform the metal plate.



- 3.) Remove 3 x screws M3 X 5 and clean the inside section of the 'Middle sensor ass'y' (AK01030) as indicated in left photo.

Note: Be careful not to deform the metal plate.



- 4.) Remove 2 x screws M3x5 and 'Reinforcement plate paper press' (3C107050).

Note: Be careful not to deform the plate on this section. When removing the screws, plate is easily deformed; therefore do not put too much pressure on the plate when removing the screws.

- 5.) See below photo: pull out the 'Shaft pulse plate' (3C107120), remove the part of the duplex pulse plate section and clean it. Pay extra attention to clean the hole section of the duplex pulse plate and outside section of the pin connector.

After cleaning, install removed parts back in the order indicated in below photo.

