

Service Bulletin

SB Number:	SB AS-114	Issue Date: 01/02/2003
Subject:	Firmware upgrade	
Model:	DF-35 (finisher for KM-C830/D)	

Please be informed that the firmware for the DF-35 has been upgraded as follows.

CONTENTS OF CHANGES

Item	Remarks
1 Preventing JAM83 when A4 duplex copying	Phenomenon When A4 duplex copying with an original that has an extreme paper curl length, the leading edge of next fed paper will get creased by the HOLDER, PAPER (METRIC) (P/N: 3C108310) and J83 may arise. => Software has been changed so that the holder does not create the paper when using A4Y or LETTER size.
2 Stapling misalignment with large quantity of paper	Phenomenon If the 'MOVING PLATE, MIDDLE CONVEYING' (P/N: 3AK07160) stops at a higher position than the standard plate, paper misalignment may occur. Cause & Change In case of below paper sizes, the paper conveying belt will stop earlier (35 msec.) than other sizes so that the moving plate stops at the correct position. Paper size: A4Y, LETTER Y, B5, A4R, LETTER R
3 Control timing when using siding path following the above No.2 measures	With the change for stopping paper conveying belt faster (35msec), control timing when using siding path is changed. Change 1. The timing (35msec) that paper falls out of siding path is delayed. 2. Start timing (35msec) to lift paper bundle is quickened. ("A4Y", "LETTER Y")
4 Lighting DUTY and lighting timing of stacker LED	An error detection may arise due to a surge of detector voltage on light receiving transistor, erroneous detection might occur. So LED DUTY controlled by software is changed from 75% to 25%.
5 Securing a tolerance for timing between bundles when stapling large size paper at one point	In order to secure a tolerance / gap between the timing of the first lifted paper and the next, the following change has been implemented. Change The 'waiting time' for 1st and 2nd width adjustment has been shortened with 100 msec.

ROM Table

No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchangeability	
1	3CH01011	3CH01012	MAIN PCB ASS'Y	1	1	X	O
2	3CH27011	3CH27012	+ PARTS, IC ROM, SP	1	1	X	O

ROM details

Type	ROM Label No.	Check SUM (Gang / Pecker)	ROM speed
No.2 IC, ROM	3CH27012D	4F12	120 ns

Affected Machine Serial Numbers:

DF-35: X3001407 and later