

SB Number:	SB 2G1-001	Creation Date: 20/07/2006
Subject:	Firmware upgrade (engine and main) preventing C6420	
Model:	FS-9130DN/9530DN	

The firmware is upgraded as follows.

Contents of change

Item	Remarks
1 The setting for cleaning interval of the main charger has been changed to double count depending on paper sizes	Currently, U102 "Setting the cleaning interval for the main charger(K)" is set to single count regardless of the paper sizes. However, the settings for the following larger sizes are changed to double count. [11X17, B4, A3 size]
2 Measures against the problem that the temperature cannot be calculated in the low temperature section of the fuser non-contact thermistor.	If the fuser non-contact thermistor detects data which does not match the table for temperature calculation, it cannot calculate the temperature and the warm up is not completed.
3 The default value of the developing shift bias has been changed.	When larger size paper goes through after smaller size paper, there was a chance that toner attached outside of the smaller size paper onto the transfer front guide. The default value of U101-01(DEV SBIAS) is changed from 1 to 0.
The tolerance of C6420 detection is increased [Note] If C6420 is displayed immediately after the fuser unit is replaced, turn off and on the power of the machine. A caution leaflet will be supplied together with the fuser unit for service and MK kit.	Depending on the variations of used parts, sometimes C6420 is displayed right after the fuser unit is replaced. Therefore, retry control is added so that the tolerance against C6420 detection is increased.
5 Correcting LIMIT CHECK ERROR	When specific PDF data is sent, a LIMIT CHECK ERROR occurs.
6 Correcting LOAD error	When printing a status page from the operation panel after opening and closing the cassette and before the paper is lifted up, there is a possibility that a LOAD error might occur.
7 Correcting the dot print instead of a space.	When printing a specific file, the spaces are printed as dots or ignored completely.
8 Correcting KPDL error	Due to a processing error occurring in a specific data pattern a KPDL error might occur.
9 Support for the virtual memory overflow is added	The virtual memory is increased from 256MB to 512MB because a processing lock occurs around 500 sheets printed when printing a specific file.
10 Output location is wrong when the center folding unit is not installed.	When the center folding unit is not installed, even if selecting tray C as the output location, the paper is output to the facedown tray.
11 DF-710 is not displayed when the center folding unit is not installed.	

Firmware specifications:

Type	Program number	Check SUM	Version
ENGINE	S2G1_1000.003.006	EC11	003.006
MAIN	S2G1_3000.002.003	F140	002.003

Field Measure:

Please upgrade the firmware to the latest version when the phenomena mentioned above occur.

Affected machine serial numbers:

ENGINE VER: 2G1_.1000.002.003

FS-9530DN: PAS6600205

FS-9130DN: PAU6600402

ENGINE VER: 2G1_.1000.002.003

MAIN VER: 2G1_.3000.002.003

FS-9530DN: PAS6600293

FS-9130DN: PAU6600702

Fuser unit supplied with the leaflet:

120V (item code: 302G19301): KRW6600051 and higher

230V – item code: 302G19302): KRX6600636 and higher

MK-710U (item code: 1702G12US0): PSD6600141 and higher

MK-710E (item code: 1702G13EU0): PSD6600155 and higher