

<b>SB Number:</b>	<b>SB 2HP-016</b>	<b>Creation Date: 11/03/2009</b>
<b>Subject:</b>	<b>Firmware upgrade (Main version 006.001 and engine version 015.004)</b>	
<b>Model:</b>	<b>FS-C8100DN</b>	

<b>Contents of changes</b>	1. Added maintenance mode U486 to improve productivity when printing mixed originals (BW/colour). 2. Paper jam when feeding from the bypass table. 3. Support to recognize the transfer belt automatically. 4. Added maintenance mode U972 to control the new high voltage PCB. 5. Creasing of A3 sized paper at the fuser section. 6. Back ground on the image
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<b>Latest firmware</b>	<b>Type</b>	<b>Program No.</b>	<b>Check SUM</b>	<b>Version</b>
	MAIN FS	2HP_3000.006.001	E6EB	006.001
	ENGINE	2HP_1000.015.004	3B1B	015.004
	Maintenance API Software	80VP_MM23.ICD	-----	23

<b>Classification</b>	<input type="checkbox"/> Entire stock rework <input checked="" type="checkbox"/> In-field modification at next visit <input type="checkbox"/> In-field modification by case <input type="checkbox"/> No modification necessary
<b>Field measure</b>	When performing maintenance or when replacing the MK-kit, upgrade the firmware to the latest version.

<b>Affected serial numbers</b>	<b>Type</b>	<b>Serial number</b>
	FS-C8100DN	June 2008 production

<b>Contents of changes</b>	<b>Item</b>	<b>Contents</b>
	1	Added maintenance mode U486 to improve productivity when printing mixed originals (BW/colour).  Maintenance mode U486 specifications:  Mode 1: Same as the previous control Mode 2: Priority to the productivity (After outputting in colour, all output will be done in colour mode)
	2	Paper jam when feeding from the bypass table.  Paper jam may occur when feeding paper which is shorter than the specified paper size, from the bypass table. Primary feed time has been changed.
	3	Support to recognize the transfer belt automatically.  The default value of the cleaning high voltage has been changed, to make it compatible with the pre-cleaning brush which has been added to the transfer belt unit.

	4	Added maintenance mode U972 to control the new high voltage PCB.	<p>Maintenance mode U972 has been added to control the new high voltage PCB (HVU main 302JG45010).</p> <p>Maintenance mode U972 specifications:</p> <ul style="list-style-type: none"> <li>• Setting for HVU main 302FZ45033 (old): "0"</li> <li>• Setting for HVU main 302JG45010 (new): "1"</li> </ul>
	5	Creasing of A3 sized paper at the fuser section.	<p>When outputting thin A3 sized prints, paper creasing of several sheets may occur.</p> <p>This occurs after the machine starts up, or after recovering from sleep mode.</p> <p>The speed of the fuser unit has been changed to operate according to the temperature of the fuser roller.</p>
	6	Back ground on the image.	<p>Back ground may appear on the image, when feeding thick/ glossy paper (machine operates at half speed).</p> <p>The toner supply amount has been changed, according to the printing speed.</p>