

<b>SB Number:</b>	<b>SB 2DA-003</b>	<b>Creation Date:</b> 22/11/2004
<b>Subject:</b>	Firmware upgrade (Main, Printer)	
<b>Model:</b>	KM-1650 / 2050, KM-2550	

Please be informed that the main and printer firmware for KM-1650, KM-2050 and KM-2550 has been upgraded as follows.

## FIRMWARE UPGRADE 1. KM-1650/2050: Main: Ver. 89 / PRINTER: Ver.22

Item	Remarks	FIRM
1	Received fax data may not be output.  If the cassette auto selection detection setting (metric/inch) does not correspond to that of copier specification (U252 = destination setting) and fax eject designation is set to 'cassette', it might not be possible to change the size and to output the received fax data. <b>Change</b> F/W has been changed so that the message of cassette unavailability is notified to FAX and the size of the fax data can be changed at default setting and consequently can be output.	MAIN
2	Trailing edge of image may be cut at enlargement copy (with metric setting).  If destination setting is metric and enlargement copy is performed with the paper feed cassettes in manual selection, A3 size image might be cut in the sub-scanning direction. Example: When A3 size original is copied to 11"x17" size paper in enlargement mode, A3 size image (420mm) might be cut. Therefore the change is made so that the image is not cut.	MAIN
3	Problem when paper feed cover is opened during duplex copy operation.  The following problems may occur during duplex copy operation: • If paper feed cover is opened during duplex copy, "Now duplex copying" might be continuously displayed and the copy may not be performed. • After opening paper feed cover during duplex copy and the copy is restarted, there is the possibility that a sheet of extra paper might be output.	MAIN
4	Image may be partly cut (print output).  The following problem has been corrected. • When outputting data in rotation copy mode, an image that is placed in 'R' direction (vertical paper feed direction / portrait) might be cut. • If a job that uses papers from several cassettes is sent, the image on each head page might be cut.	MAIN PRINTER
5	Error when paper jam occurs on DP-410.  If after removing jammed paper from DP-410, again a paper jam occurs in DP-410, "Now copying" might be continuously displayed.	MAIN
6	Displaying the preset number of prints.  F/W has been changed so that the preset number of prints is displayed by pressing the start key slightly longer than before (after change 500 msec.).	MAIN
7	Problem when selecting common/personal address book via scanner.  If common/personal address book is selected via scanner and the selection is cancelled before connection, the selected portion might be inverted to black.	MAIN
8	Problem with copying from a two-page spread original to duplex copy with AMS setting.  If the copy setting from two-page spread original to duplex copy with AMS setting is performed and the two-page spread setting is cancelled, the AMS magnification might not change back.	MAIN
9	'Please wait' message displayed and lock of machine.  If user is switching functions in printer menu, under the condition that the front cover is opened or the reset key is pressed, the message "Please wait" might be displayed and the machine may lock. <b>Change</b> The change is made so that function switching and the press of reset key is restricted in this case.	MAIN
10	Turning off the start LED while printing FAX data  While printing fax data, though copy cannot be performed, the start LED might light up. The change is made so that the start LED is turned off.	MAIN
11	Occurrence of black line on the image when restarting the operation after printer error.  There is the possibility that a black line occurs on the image at printer output after releasing waste toner bottle full condition. => the problem has been corrected in the F/W	MAIN

Item	Remarks	FIRM
12	Stretched image in longitudinal direction is output. After machine is powered on, in rare cases certain programming data may not be processed correctly. Then as for the next print, there is the possibility that a stretched image in longitudinal direction may be output. <a href="#">For this change, printer firmware also needs to be upgraded to Ver.0.22 or later.</a>	MAIN PRINTER
18	Problem when processing combine copy (N-up/2 in 1 or 4 in 1) from duplex original to duplex copy. When processing N-up copy from duplex original to duplex copy, at the copy, <b>JAM05</b> may appear after releasing an eject paper jam on finisher.	MAIN
19	Items for FAX displayed on FAX coverage report even when FAX is not installed to the machine. On the 2 <sup>nd</sup> sheet of coverage report, the items for FAX are printed. Even when FAX is not installed to the machine, the item for FAX is printed on the coverage report. => Therefore, the change is made so that the item for FAX is not printed on the coverage report when FAX is not installed to the machine.	MAIN
20	Improving the operation while scanning the original If the cassette left cover is opened, while scanning the original, the message requesting to close the cover may not be displayed and the message "Now scanning originals" is continuously displayed. Then, if the cassette left cover is closed, output operation starts without pressing start key. => This problem has been corrected. (The change is made so that the message "Close cassette left cover" is displayed and "Re-starting by start key" is displayed after closing the cover.)	MAIN
21	FAX average value is not displayed on toner coverage report. FAX average value is not displayed on toner coverage report. Therefore the change is made so that the FAX average value is printed.	MAIN
22	Problem when pressing S/C key during duplex copy. If S/C key is pressed before paper empty detection during duplex copy, the screen returns to "Ready to duplex copy" status. However, the machine might continuously drive after that. => The problem has been corrected.	MAIN
23	Coverage is not correctly counted. In the case of setting eject setting via maintenance mode <b>U260</b> (= Changing the copy ), and a paper jam occurs before the ejection, at the next output, coverage is counted with the dots and paper size that was used when the paper jam occurred. => This problem has been corrected.	MAIN
24	Correcting the description on Web page The string that is displayed at Factory Reset for Network I/F was "Ressetting". Therefore the string is corrected (=> Resetting)	PRINTER
25	Occurrence of <b>F30</b> in PowerPoint data. F/W has been changed to solve this phenomenon.	PRINTER
26	Paper feed problem with rotation collating + interleaving paper + RAM disk "ON" When tray 1 is designated and paper is stocked in 'R' direction (vertical paper feed direction / portrait) in tray 1, the rotation collating data is supposed to start printing after searching another cassette for lateral paper feed direction. However, if interleaving paper process is active, the paper feed cassette changes to the designated tray 1. => This problem has been corrected.	PRINTER

### Firmware upgrade 1. (Main ver. 89 / Printer ver. 22)

Type	Program No.	File Name (after uncompressing)	Check SUM	
MAIN	2DA29101B	P2DA2910.1B0	F8BF	<b>Ver.89</b>
PRINTER	2DA29151B	2da_fs_bcmp	89AE	<b>Ver.22</b>

#### Affected Machine Serial Numbers:

**KM-1650:** K3000314 and later  
**KM-2050:** J3000682 and later

**FIRMWARE UPGRADE 2. KM-1650/2050/2550: Main: 89 → 112 → 113 → Ver.115**

	Contents	Remarks	Ver.
1	Making KM-1650/2050 firmware common with KM-2550.		MAIN 112
2	Machine may lock after occurrence of APS error when processing the first sheet of several mixed size originals.	If a copy is made immediately after turning power source on, under the condition that several sizes of originals are mixed and APS error occurs, the message "Now scanning originals" is displayed and the machine locks. => This problem has been corrected.	MAIN 113
3	Printer screen may lock after retuning from sleep mode.	After returning from sleep mode, if reset key is pressed quickly after entering printer menu screen, the printer menu screen may lock. => This problem has been corrected.	MAIN 113

**Firmware upgrade 2. (Main. ver. 115)**

Type	Program No.	File Name (after uncompressing)	Checksum	
MAIN	2DA29173D	P2DA2917.3D0	9305	Ver.115
PRINTER FS	2DA29151B	2da_fs_bcmp	89AE	Ver.22
LANGUAGE E	2DA29131B	P2DA2913.1B2	69DF	Ver.18

**Affected Machine Serial Numbers:**

*will follow later*