



<b>SB Number:</b>	<b>SB 2H0-020</b>	<b>Creation Date: 16/04/2009</b>
<b>Subject:</b>	<b>Firmware upgrade (maintenance mode U470/632, etc.)</b>	
<b>Model:</b>	<b>KM-2560/3060, Fax system (M)</b>	

<b>Contents of changes</b>	<ol style="list-style-type: none"> <li>1. Added functions to the fax box screen.</li> <li>2. Added maintenance mode U470 (Set JPEG Compression rate).</li> <li>3. Correcting the ON/OFF setting of U632 (DIS 4Byte).</li> <li>4. iFax RX/Mail print received incorrectly.</li> <li>5. Added message when paper cassette for fax printing ihas been disabled.</li> <li>6. Message change when waiting for fax re-dial.</li> <li>7. Panel lock when printing received faxes.</li> <li>8. Missing images on PCL print-outs.</li> <li>9. Operation panel lock when using the software keyboard.</li> <li>10. Operation panel lock/declined response.</li> <li>11. Distorted charcters when printing from SAP using Unicode.</li> <li>12. Back ground on the image when printing PDF.</li> <li>13. A KPDL error may occur.</li> <li>14. Error code CF33F may occur.</li> <li>15. Error code CF6020 may occur.</li> <li>16. Reset of error code C6020 has been changed.</li> <li>17. The response time of the touch panel has been improved.</li> <li>18. Operation panel lock.</li> <li>19. Error CFB2C.</li> <li>20. Operation panel lock while the CD icon keeps showing.</li> <li>21. Improper display of message "this size can not be stapled".</li> </ol>
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<b>Firmware</b>	<b>Type</b>	<b>Program No.</b>	<b>Check SUM</b>	<b>Version</b>
	MAIN	2H0_2F00.014.006	-----	014.006
	ENGINE	2H0_1000.010.004	-----	010.004
	MMI2	2H0_7A00.014.014	-----	014.014
	FAX APL	-----	-----	3KH_5100011001
	FAX BOOT	-----	-----	3KH_5000009001
	FAX BOOT/APL MIX F/W	S3KH_5500011001	-----	-----

<b>Classification</b>	<input type="checkbox"/> Entire stock rework <input type="checkbox"/> In-field modification at next visit <input checked="" type="checkbox"/> In-field modification by case <input type="checkbox"/> No modification necessary
<b>Field measure</b>	When the above mentioned phenomena occur, please upgrade the firmware to the latest version. Please upgrade the main, engine, MMI2, fax APL and fax boot firmware at the same time.

<b>Affected serial numbers</b>	<b>Type</b>	<b>Serial number</b>
	KM-3060/2560, Fax system (M)	October 2008 production

Contents of changes	Item		Contents
	1	Added functions to the fax box screen.	The following functions have been added to the fax box:  1. The free space of the optional CF back up kit has been added to the fax box screen. 2. The used disk space of every user has been added to the fax box screen.
	2	Added maintenance mode U470 (Set JPEG Compression rate).	Maintenance mode U470 has been added in order to change the compression ratio for each JPEG compression step changeable (Step 1 to 5). Previously it was only possible to select step 1 to 5 to change the image quality.
	3	Correcting the ON/OFF setting of U632 (DIS 4Byte)	When set to OFF 4 byte will not be used, before the change setting to OFF 4 byte will be used.
	4	iFax RX/Mail print received incorrectly.	An iFax RX and/or Mail print cannot be received correctly, if the actual data size is different from the data size specified by the server.
	5	Added message when paper cassette for fax printing has been disabled.	If the paper cassette used for fax printing is disabled and no other paper is available.
	6	Message change when waiting for fax re-dial.	The status screen message for waiting for fax re-dial has been changed from "Sending" to "Waiting", in order not to confuse the message with a panel lock.
	7	Panel lock when printing received faxes.	A operation panel lock may occur if a "print over run" error occurs when the machine receives faxes.
	8	Missing images on PCL print-outs.	Images at the left edge of the print-out may not be printed, when printing PCL data.
	9	Operation panel lock when using the software keyboard.	An operation panel lock may occur when using the software keyboard (E.G. when entering recipients for scanning) right after the power is switched on
	10	Operation panel lock/declined response.	The response from the operation panel may decline and/or may lock, due to memory shortage/damage.  The following changes have been made:  • At 2 AM the operation panel will automatically reset and the memory will be cleared. • If available memory drops below 8MB, the operation panel will automatically reset and the memory will be cleared. In this way memory is cleared without turning the main switch OFF and ON.
	11	Distorted characters when printing from SAP using Unicode.	Characters may be printed distorted when using SAP.  Distorted characters →   Correct characters → 

	Item	Contents
	12 Back ground on the image when printing PDF.	Certain parts of the image may have back ground, printing PDF data.
	13 A KPDLE error may occur.	A KPDLE error may occur when printing.
	14 Error code CF33F may occur.	Error code CF33F may occur, when using the KX driver.
	15 Error code CF6020 may occur.	Error code CF6020 may occur, when the machine receives long sized originals.
	16 Reset of error code C6020 has been changed.	<p>Reset of error code C6020 (Abnormally high fuser unit thermistor temperature) has been changed as follows:</p> <ul style="list-style-type: none"> <li>• When C6020 is detected 2 times or less, it will be displayed as a system error and can be reset by turning the main switch OFF and back ON again.</li> <li>• When C6020 is detected 3 times, it will be displayed as a service call and can be reset by performing maintenance mode U163 (Resetting the fuser problem data).</li> </ul>
	17 The response time of the touch panel has been improved.	<p>The response time of the following screens of the touch panel have been improved:</p> <p><b>Copy screen:</b> All screens</p> <p><b>Send screen:</b> All basic screens, attention tab, part of the detail screens, address screens, address book scroll, and successive one-touch key operation documents.</p> <p><b>Box screen:</b> All basic screens and frequently used functions such as box print, box send and box save.</p>
	18 Operation panel lock.	To prevent operation panel lock firmware has been upgraded.
	19 Error CFB2C.	To prevent error code CFB2C firmware has been upgraded.
	20 Operation panel lock while the CD icon keeps showing.	The operation panel may lock while the CD icon keeps showing, after changing the system menu. (E.G returning to the copy screen after changing cassette paper size in the system menu)
	21 Improper display of message "this size can not be stapled".	<p>Under normal condition the message "this size can not be stapled" should be displayed only when the original and paper sizes do not match when using the DF-750.</p> <p>The message may be displayed after setting the paper size, without setting the original size.</p> <p>In case of DF-710 this message will not be displayed.</p> <p>In case of single position stapling.</p>

Item 3: ON/OFF setting changes of maintenance mode U632 (Setting the DIS signal to 4 bytes)

	Setting	Operation	Contents
Before change	ON	Execute to move after Bit33 of DIS/DTC signal	DIS will not be controlled
	OFF	Do not execute to move after Bit33 of DIS/DTC signal	DIS will be 4byte
After change	ON	Do not execute to move after Bit33 of DIS/DTC signal	DIS will be 4byte
	OFF	Execute to move after Bit33 of DIS/DTC signal	DIS will not be controlled