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| SB Number: | SB 2JB-009 | Creation Date: 14/08/2009 |
| Subject: | Firmware upgrade | |
| Model: | KM-2540/3040/2560/3060 | |

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| Contents of changes | 1. Error code C0650 (abnormally low fuser thermistor center temperature). 2. Blank pages when printing. 3. Changes to comply with the energy star regulation. 4. Error code C0630 (DMA problem). |
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| Firmware | Applicable models | Type | Program No. | Check SUM | Version |
|-----------------|--------------------------|-------------|--------------------|------------------|----------------|
| | KM-2540/3040 | MAIN | 2JB_2000005005 | ----- | 005.005 |
| | | ENGINE | 2JB_1000012001 | ----- | 012.001 |
| | | LANGUAGE E | 2JB_81XE001003 | ----- | 001.003 |
| | KM-2560/3060 | MAIN | 2H0_2F00.024.001 | ----- | 024.001 |
| | | ENGINE | 2H0_1000.012.001 | ----- | 012.001 |
| | | MMI2 | 2H0_7A00.024.001 | ----- | 024.001 |

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| Classification | <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 |
| Field measure | When the above mentioned phenomena occur, please upgrade the firmware to the latest version. | | | |

| Affected serial numbers | Type | Serial number |
|--------------------------------|------------------------|----------------------|
| | KM-2540/3040/2560/3060 | Not available |

| Contents of changes | Item | Contents |
|----------------------------|-------------|--|
| | 1 | <p>Error code C0650 (abnormally low fuser thermistor center temperature).</p> <p>Phenomenon Error code C6050 may occur when copying or processing a print job during drum refresh at start-up or sleep mode recovery.</p> <p>Cause The fuser temperature during auto drum refresh at start-up/sleep mode recovery was lowered to 60 °C to comply with the energy star regulation.</p> <p>Solution The fuser temperature during drum refresh has been changed to 165 °C. Please note that this is the same temperature as stand-by mode.</p> |
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| | 2 | Blank pages when printing. | <p>Print-outs are output as blank pages, when the print job is sent to the main body during drum refresh.</p> <p>When this occurs “processing” is displayed on the operation panel.</p> <p>This has been corrected.</p> |
| | 3 | Changes to comply with the Energy star regulation. | <p>The following changes have been made to comply with the energy star 2009 regulation:</p> <ol style="list-style-type: none"> 1. The auto sleep mode timing has been changed to 1 minute. 2. The auto low power mode timing has been changed to 1 minute. <p>Please note the following:</p> <ol style="list-style-type: none"> 1. Perform one of the following maintenance modes to implement the above mentioned changes: <ul style="list-style-type: none"> • U020 (initializing all data) • U021 (initializing counters and mode settings) 2. Performing one of the following maintenance modes will return the timing of the auto sleep and low power mode to there original values: <ul style="list-style-type: none"> • U002 (setting the factory default data) • U252 (setting the destination) |
| | 4 | Error code C0630 (DMA problem). | <p>Error code C0630 may be displayed when scanning originals for a second time with the resolution set to 300dpi with the document processor.</p> <p>This may occur under the condition that the originals are removed too fast from the exit tray after being ejected after the first scan job.</p> |