

SB Number:	SB 2GR-002	Creation Date: 12/10/2006
Subject:	Firmware upgrade, Ver. 003.036/004.036/002.005/002.001	
Model:	KM-3050/4050/5050	

NO	Item	Contents
1	The restricted functions have been enabled	<p>Enabled the following restricted functions</p> <p>Universal design support:</p> <ul style="list-style-type: none"> Enabled an Accessibility Display key (Please see "FIG1"). (display the screen which did not appear, and enabled their functions) - REPEAT COPY (Please refer to "FIG2" & "FIG4") - FORM OVERLAY* (Please refer to "FIG3" & "FIG4") - booklet (When copying) (Please refer to "FIG3") - Job type Filter in the Status screen (Please refer to "FIG5" in page 4") <p>*"Form Overlay"(image combining) in the JOB BOX of Document Box is still disabled.</p>
2	Operation after the programs and the shortcuts are registered.	When the finisher is out of order, the program and shortcut involving the finisher could be accessed. The staple, etc. could be also still be set on the screen. Therefore, they were corrected. (They were prohibited.)
3	Program registration	The number of copies registered in the program did not show when they were requested.
4	ENERGY STAR support	To support ENERGY STAR, the default time to enter sleep mode have both been reduced to 15 minutes. Initializing the maintenance mode can set the above-mentioned default time (U020/U021/U022/U252).
5	U943 is added: "Prevent appearance of back side image"	<p>When scanning the backside through the DP, on some occasions the next image might appear as the offset image.</p> <p>CHANGE</p> <ul style="list-style-type: none"> U943 'Adjust to prevent appearance of back side image' has been added; Set range: 0-255 (0: black, 255: white; the default value is set to 50); If the above-mentioned problem appears, please increase the value little by little. If the DP is removed, the above setting will be disabled. <p>CONTENTS</p> <p>If the data value is smaller than the one set at U943, that data will be processed as the value already set in U943.</p>
6	Certain errors which occur before the job is processed	<p>When these errors* occur, the power key did not work.</p> <p>CHANGE</p> <p>It will now enter the sleep mode when the user presses the power key in the event that an error occurs before a job is processed,</p> <p>* Toner empty, JAM, paper empty etc.</p>
7	Improve the copy speed of the second page during 'scan once, copy many'	
8	Problem in user intranet environment	In a user's intranet environment (EX The server is in Japan and the Falcon 3 is in the Netherlands), the print job sent from the server to the Falcon 3 might stay in the server and never print.
9	Outputting received fax(es)	If the Falcon3 is programmed to print received faxes to the finisher, it was output face-up instead of face-down.

10	Wong output location for 'form FAX BOX'	When files are printed from the FAX BOX, it is not printed to the selected FAX output locations. This has been corrected.
11	Counter error when printing a FAX RX/ TX report	With job accounting ON while printing the FAX RX/TX Result report, different departments were added to the report but not the one logged in.
12	U933 "INITIALIZE CF"	When running maintenance mode U933 "INITIALIZE CF" all job accounting data wasn't backed up to CF.
13	Problem occurring to a specific API program	When using that specific API program and turning OFF/ON the machine's main switch, either error code "CFB32" would light up or it would not operate properly.
14	The appearance of extra black lines on enlarged copies.	Extra (1 pt) black lines sometimes appeared on enlarged copy output.
15	Improved touch panel reaction	The touch panel reaction has been improved to solve the following problems: -if the touch panel was pressed slowly/softly, it would sometimes not react or the menu nearby might react. -When pressing the button edge with the tip of a pen or pressing it quickly, it would sometimes be detected and sometimes not.
16	Data preservation when upgrading MMI Firmware.	When updating MMI Firmware from CF, all backup data (Adjustment value of U201 and the backlight brightness) for the panel was initialized. This was corrected so that the data will remain there. However, when upgrading this time, it will be necessary to adjust U201 again.
17	A screen has been added to check U201 "Initializing the touch panel". U201- 'Initializing the touch panel'	Because there was no way to directly check the changes when initializing the touch panel, a check screen was added. Adding "INITIALIZE" and "CHECK" buttons to U201 "INITIALIZE": The same as existing U201 "CHECK": Three "+" appear on the same positions as the ones in the "INITIALIZE". Then, when pressing them, a red dot appears on the position where the screen has reacted, so the coordinates of "+" can be seen clearly. The red dots appear so that it can show the position of where was actually pressed (A) and the position where the screen reacted (B). Please adjust "INITIALIZE" again if the position B appears in a completely different position from position A. PRECAUTION The "INITIALIZE" button displays again after running "INITIALIZE" and pressing on three +'s. -If you would like to initialize again, please press the "INITIALIZE" button; -If you are finished, please press the "STOP" key.
18	Measures for the problem where certain presets go back to 1.	After pressing the "Reset" key and subsequently inputting the preset (number of copies) quickly after, it might go back to "1". Therefore, it was corrected. CHANGE During the reset process, the DISK mark* will display so that the numeric keys and "Clear" key cannot be used. <small>*Please refer to FIG2</small>
19	Measure against problem occurring when exiting maint. mode	When entering and then exiting maintenance mode the buttons in the quick setup of the copy screen might disappear.
20	Measures against an LDAP search error when sending from the document box	When sending from the Document box and searching the address. etc. using LDAP search, it might not be searched properly.

21	Measures against a problem with job accounting	When job accounting is ON and programmed to sum up the copy and print counters to produce the total counter and a copy is made, the counter did not add it to the total.
22		After inputting the number of copies and registering it to a programmed sequence and initialising that copy function, the number of copies remained 1.

Type	Program number	Check SUM	Version	
MAIN	S2GR_2000003036.zip	----	003.036	←Newly upgraded
MMI	S2GR_7000004036.zip	----	004.036	←Newly upgraded
ENGINE	S2GR_1000002005.zip	----	002.005	←Newly upgraded
SCANNER	S2GR_1200002001.zip	----	002.001	←Newly upgraded

When upgrading firmware or replacing board etc., please upgrade 4 types of firmware (MAIN, MMI, ENGINE, SCANNER) to the latest version at the same time.

Field Measure:

Please download the latest firmware from the reserved website to a USB stick or Compact Flash card (minimum capacity of 128MB). Please upgrade the firmware to the latest version at the next visit of the customer or if necessary. When upgrading the firmware to the machine which has older version, please make sure to execute U201 "Initializing the touch panel" as well (It is not necessary to execute U201 for the machine that has newer than this version).

The following machines have already been upgraded at the factory:

From the production in October onwards. As some machines were upgraded at the KME logistics centre, you are advised to check the firmware versions on machines that arrived after October 2006.

ACCESSIBILITY DISPLAY KEY

FIG1

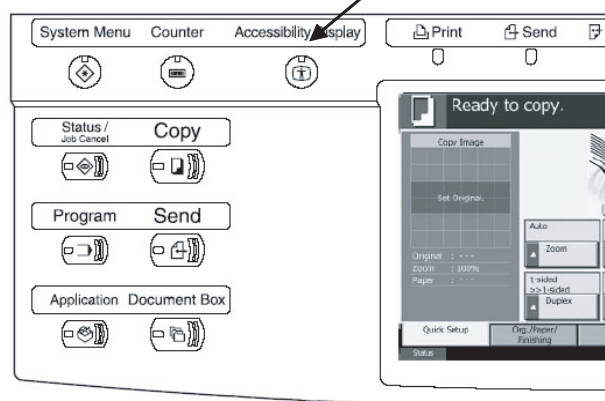


FIG2

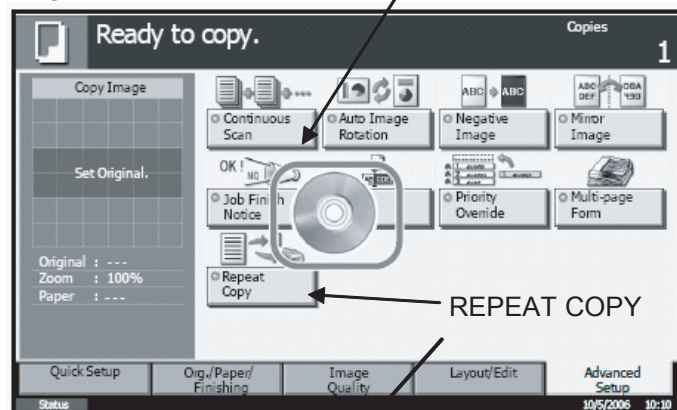


FIG3

BOOKLET

FORM OVERLAY

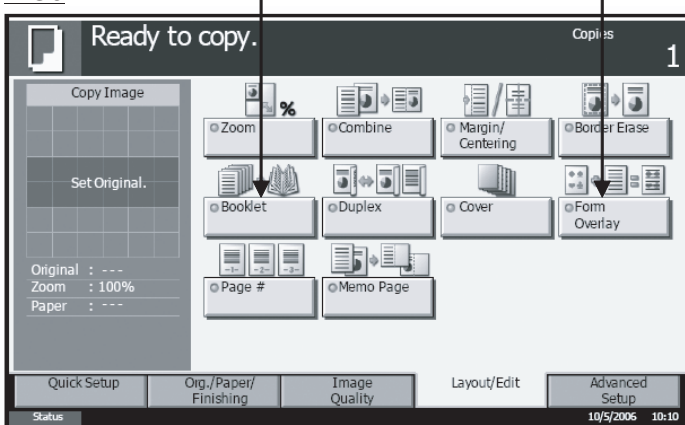


FIG4

FORM OVERLAY

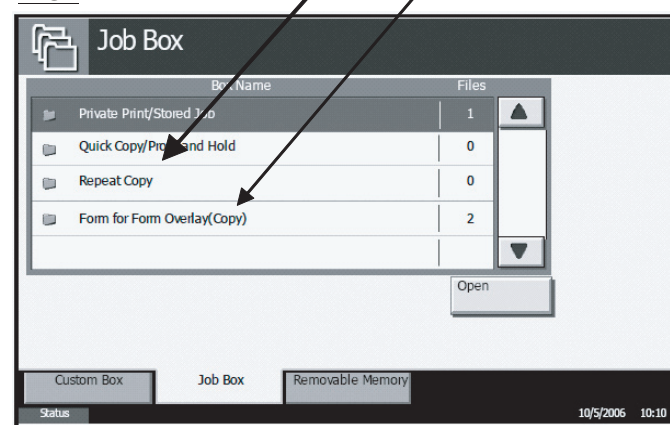


FIG5

