

Service Bulletin

SB Number:	SB 2AV-034	Issue Date: 18/09/2002
Subject:	Firmware upgrade	
Model:	KM-1530 / 2030, KM-1525	

Please be informed that the firmware for the KM-1530, KM-2030 and KM-1525 has been upgraded as follows.

CONTENTS OF CHANGES

	Item	Remarks
1	Although the value of absolute humidity (U130, "HUMID") is indicated normally on the operation panel, the value on the status report is not indicated normally, if the value is over 255.	After correction: The absolute humidity value on the status report is indicated normally.
2	Processes for problems with backup RAM data have been added.	<ul style="list-style-type: none"> A 'retrial process' after check of backup RAM has been added. When the upper and lower limit of data is fixed and the data is out of the limit, software has been programmed in such a way that in that case the value will return to default value. When the secondary stabilization temperature is lower than the primary stabilization temperature in fixing section, the secondary stabilization temperature will be adjusted to the primary stabilization temperature. Note: If developer is scattered inside the machine or if C620 (= 'abnormally low fixing unit thermistor temp.') arises, there is a possibility that problems with the backup RAM data occurs, especially if fax is installed.

Changes related to network scanner (for KM-2030 only)

	Item	Remarks
3	The operation if the maximum number of sheets (250 sheets) of scanning is exceeded, has been changed as mentioned on right hand side.	Before change: When maximum number of scanned sheets is exceeded, this status is regarded as 'memory overflow' and scanning/transmission stops. After change: Up to 250 sheets, data is transmitted normally. Then after the end of transmission, an error message will be displayed.
4	A 'Full scan' button has been added to the transmission screen and full scan setting item has been added to the scanner default settings.	When setting to 'Full scanning', the 6.5 mm cut on the 4 sides is not implemented. However, when full scanning, the 4 sides need to be cut by approx. 2 mm due to limitation in the hardware.
5	The language on the web screen has been interlocked with the language on the operation panel of the copier.	Affected languages: English, French, Japanese, German, Italian, Portuguese (Other languages: English display)
6	'Default setting save function' for network scanner has been added.	If the default setting key is pressed on the network scanner screen and then 'Memory' is selected, the present settings will be saved. The saved value will be regarded as default value when executing auto clear or changing to the scanner screen after that.

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ROM Table

No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange- ability	
1	2AV6806H	2AV68220	IC, ROM MAIN 1 SP	1	1	X	O
2	2AX68097	2AX68098	IC, ROM MAIN 1 SP	1	1	X	O
3	2AX6804D	2AX6804E	IC, ROM OPERATION UNIT 1 SP (EUR)	1	1	X	O
4	2BV68013	2BV68014	IC, ROM MAIN 1 SP	1	1	X	O

ROM Details

	Type	Seal No.	Checksum	ROM speed	
No.1	Main 3	2AV68220A	D3CA	100 ns	for KM-1530
No.2	Main 1	2AX68098J	AAC8		for KM-2030
No.3	Operation (EUR)	2AX6804EY	FFA4		for KM-2030
No.4	Main 1	2BV68014E	391F		for KM-1525's old main PCB: please refer to SB 2AV-032 .

Affected Machine Serial Numbers:

KM-1530: production of April 2002 and later
KM-2030: production of April 2002 and later
KM-1525: not introduced in production line

Note:

As for KM-1525's new main PCB, '2BV6820A' was introduced from April 2002 production. For more details about contents of changes for '2BV6820A' and change of main & power source PCB for KM-1525, please refer to **SB 2AV-032**.