

<b>SB Number:</b>	<b>SB 2AV-043</b>	<b>Creation Date:</b> 21/06/2004
<b>Subject:</b>	Firmware upgrade	
<b>Model:</b>	<b>KM-2030</b>	

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

## FIRMWARE UPGRADE I.

### CONTENT OF CHANGE

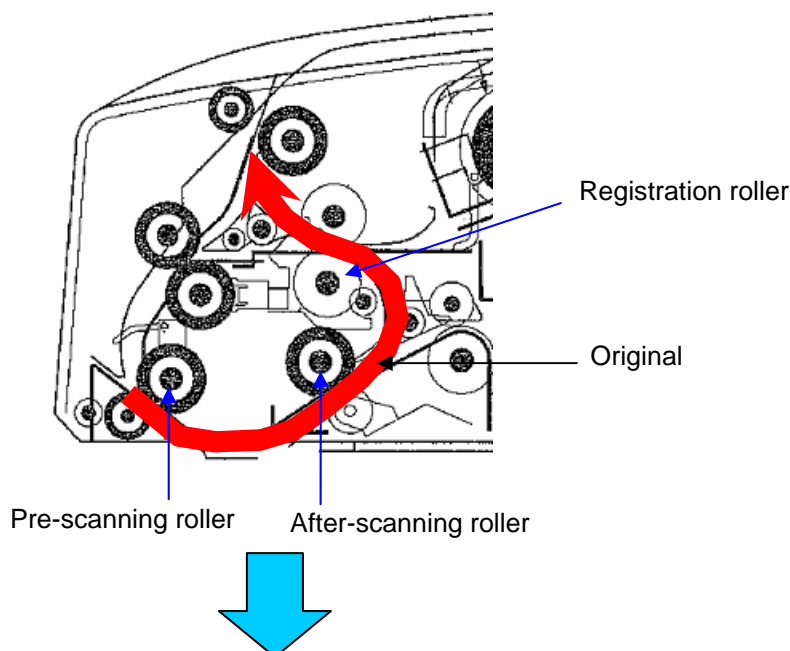
Phenomenon	
Image may be stretched around 23 mm. from the trailing edge (see below drawings for more details)	<p><b>Phenomenon</b> If a duplex original is scanned through the SRDF-1 on KM-2030, the image around 23 mm. from the trailing edge on the original's reverse side (first scanned side) might be stretched.</p> <p><b>Cause</b> When the original is separated from the nip of the pre-scanning roller, there is a slack in the original. As a result, the stretching of the image occurs.</p> <p><b>Measure</b> The peripheral speed of the paper feed motor on SRDF-1 has been increased so that there is no slack in the original.</p>

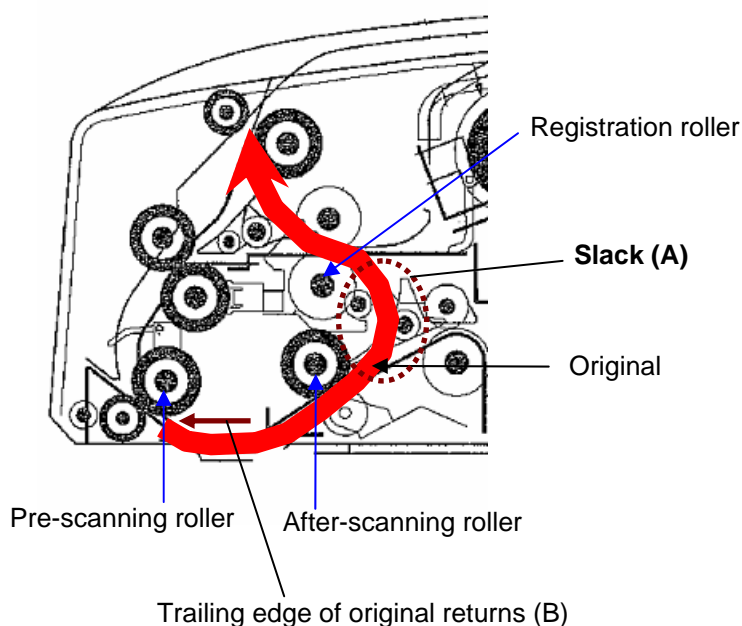
No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	2AX6809E	302AX6809F 2AX6809F	IC, ROM MAIN 1 SP	1	1	X	O

Type	Program No.	File name (after uncompressing)	Checksum	ROM speed
MAIN	2AX6809FR	r2ax6809.fr	FEA1	100ns
OPERATION	2AX68170A	r2ax6817.0a	F56E	100ns

### Affected Machine Serial Numbers (firmware upgrade I.):

**KM-2030:** 37154090 and later





At the moment the trailing edge of the original is separated from the pre-scanning roller, slack (A) near the registration roller and after-scanning roller arises. As a result, the trailing edge of the original returns (B) and the slack causes the stretching of the image.



The peripheral speed of paper feed motor on SRDF-1 is increased so that the slack of the original does not arise.

## FIRMWARE UPGRADE II.

The optional language ROM for KM-2030 has been upgraded as follows.  
When upgrading, please upgrade the main software to 2AX6809EQ or later at the same time.

No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	2AX68061	2AX68062	IC, ROM OPERATION UNIT OP1A	1	1	X	O
2	2AX68071	2AX68072	IC, ROM OPERATION UNIT OP2A	1	1	X	O
3	2AX68082	2AX68083	IC, ROM OPERATION UNIT OP3A	1	1	X	O

NO	TYPE	Label No.	(File name) after decompression	Checksum	ROM speed	
1	OPERATION	2AX68062C	r2ax6806.2c	0132	100ns	English (for Europe), German, French (for Europe), Dutch, Portuguese
2	OPERATION	2AX68072C	r2ax6807.2c	B185	100ns	English (for Europe), Danish, Finnish, Norwegian, Swedish
3	OPERATION	2AX68083D	r2ax6808.3d	A599	100ns	English (for Europe), Turkish, Czech, Polish, Russian