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*** Basic Information ***
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[Create date] 2018/05/16

[Program Name] Finisher_SR4090_SR4100

[Version] 02.380:10

[PCB No.]

[Interchangeability] X / O

[Other Firmware Requirements] None

[PCB Requirements] None

[Software category] Normal Release

[Release category] Normal Release

[Program category] Firmware

Exported to(language) GEN(all)

[Firmware No.] D7045301D

[File Information]

File Name D7045301D.fwu

File Type Module for Service

Size 0.50 MB (524792 byte)

[Availability of RFU] No

[Production reflection] 2018/05

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*** Note ***
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[Note]

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*** Important Notes ***
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[Important Notes]

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*** Modification History ***
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[Modifications made:]

Rank C

Symptom corrected:

- JAM154 or JAM155 might occur when printing a booklet on A3 paper.

[Modification history]

Version 02.370:10

Symptom corrected:

1. If the staple cartridge is not set correctly, SC720-42 may occur.
2. If the front door is opened/closed with paper stacked on the shift tray, shift tray full status is falsely detected and the alert cannot be removed.

Version 02.360:10

Symptom corrected:

The release motor generates an abnormal noise during standby.

Version 02.350:10

Symptom corrected:

1. SC720-24 may occur with Multi-Folding Unit FD4000, Finisher SR4090 / Booklet Finisher SR4100 and Output Jogger Unit.
2. Printing stalls, if the system is configured with Booklet Finisher SR4100 and Mail Box CS4010. However, the symptom does not occur, if the values of SP6117-001--010 are set to "-2."

Version 02.340:10

Symptom corrected:

1. Errors occur with the page order and folding position in Booklet mode.
2. An "Initial jam" occurs when the machine switches to Proof mode.

Version 02.330:10

Symptom corrected:

Staples may be misaligned when printing a job with mixed paper sizes.

Version 02.320:10

Symptom corrected:

1. Paper misalignment may occur when using saddle stitch with small sheets.
2. Staple misalignment may occur when using saddle stitch.

Version 02.310:10

Symptom corrected:

Position of staples might be shifted when a staple job is performed after power ON (stapler is not at the correct HP).

Version 02.300:10

Symptom corrected:

1. SC621/SC729 occurs if the last sheet of a stapled bunch is set for Z-folding.
2. Tab sheet is not shifted when using Shift mode.

Version 02.290:10

Symptom Corrected:

Staple misalignment might occur due to the stapler moving from the home position when the machine is turned on.

Version 02.280:10

Symptom Corrected:

1. The job stops when the shift tray is full but does not resume when the paper is removed.
2. Jam 175 may occur if paper with a width of 13 inches is fed for a Booklet + staple job.

Version 02.270:10

Other changes:

The amount of shift was reduced from 15mm to 10mm on each side (a total of 20mm for the L/R sides combined) so that wide paper types (297mm or wider) will not interfere with the movement of the jogger fences.

Version 02.260:10

Symptom corrected:

1. Poor alignment of first booklet-stapled set of 12x18 inch sheets occurs if this is the first job performed after the machine recovers from Energy Saver mode.
2. Jam occurs when booklet-stapling paper sizes 262mm or smaller in size.
3. Paper jam(Code190) may occur when 2nd job is printed after 1st job.
 - 1st job:two sheets of A4 LEF paper is stapled without punch mode
 - 2nd job:two sheets of A4 LEF paper is stapled with punch mode
4. Paper jam may occur when machine receives FAX priority job in

shift mode while copying/printing booklet job.

Version 02.250:10

Symptom corrected:

1. Paper edge may be damaged as paper contacts paper exit roller in stapling mode.
2. Paper jam (code190) may occur when pre-stack setting (SP6-116) is ON.
3. Paper jam (code190) may occur when two or more sheets are stapled in a set.

Version 02.240:10

Symptom corrected:

1. A jam occurs when a stapled set is exited to the shift tray.
Note: The first set is now shifted 5mm with respect to the other sets (the shift tray home position is raised 5mm).
This ensures a gentler angle of contact between the leading edge of the paper and the shift tray, which increases the accuracy of the resting position of the stapled set.
2. A jam occurs at the second or following sheets stacked in the staple tray when using center or edge stapling, and then after the jam is cleared, Jam 154/155 is displayed if center stapling was used.
3. JAM 001/190 occurs when printing out using Stapling or Shift mode:
 - Staple job with mixed A3/A4, two or more consecutive Stapled sets
 - Two consecutive jobs using the same paper size, one printed out with the Punch feature and the other without
 - Print job with two or more consecutive Punched sets using paper of the same size

Version 02.220:10

Symptom corrected:

1. Jam 190 occurs when the following print jobs are performed in succession:
 - A job that uses staple mode, followed by
 - A job that prints out one sheet (only) to the shift tray, followed by
 - A job that does not use the shift tray (stapling, proof tray mode, center stapling)
2. Jam 176 occurs under the following conditions:
 - Z-folding paper is used, regardless of whether stapling, or the proof/shift trays are used
 - Center stapling is used

Other changes:

3. Control parameters for the shift tray (when the tray is lifted) were changed.
This control is same as previous model SR4040.

Version 02.210:10
Symptom corrected:
Staple misalignment.

Note: To improve this issue, the following changes were made.

- Raised the position at which the tray starts lifting by 5mm, which reduces the angle of contact between the tray and paper (this prevents paper curling).
- When the pre-stacked paper is exited to the tray, the paper is gently supported ("pinched") by the paper exit guide.

Note: This is to ensure that the 20mm offset between the first and second sheets is maintained. Without this gap, the jogger fences may not be able to align the paper correctly.

- Reduced the speed at which the jogger fences are moved.
- Changed return roller drive control (the roller's rest/stop interval was lengthened).
- Changed the pick-up roller control (the roller does not rotate until it is lowered and contacts the paper).

IMPORTANT:

- After you install this firmware (Ver.02.210:10), return SP6107 (Paper Size) to its default setting.
- If the staple misalignment still occurs after you install this firmware, adjust the jogger fence width using RTB (No. RD703011)

Version 02.200:10
Following items has been corrected or modified.

1. Productivity has been improved when using the "Output Jogger Unit Type M2"
2. 1260mm length paper output on shift tray has been available.
3. Countermeasure against booklet staple shifting when custom size paper is used.

Version 02.040:10
1) New product information:
None.

2) Specification changes:
None.

- 3) Problems corrected:
- Jam153 occurs with staple jobs that contain large amount of sheets.
 - First sheet of a booklet with 2 staples on the side is aligned poorly. (See Note1 below.)
 - Initialization process is improper when recovering from a staple motor jam.
 - Jam occurs if a one page job is run together and continuously with booklet jobs with 2 staples on the side.
 - Leading edge curls when feeding out booklets with 2 staples on the side.

Note1: Mechanical and DIP SW adjustments are needed in addition to this firmware to resolve this problem. See RTB for details.

Version 02.020:10

Problems corrected:

First 2 sheets are aligned poorly when creating a booklet with 2 staples on the side.

Version 02.010:10

Error Correction:

Inaccurate jogging operation of the Output Jogger Unit

Version 02.000:10

[ProC5100S/5110S/MPC6502SP/8002SP]

1) Additional Model Information

Nothing

2) Specification Change

Nothing

3) Problems corrected

- Inaccurate stapling position
- Inaccurate folding
- Creases generated at the leading edge

Version 01.180:10

1st Mass production

