

Reissued: 08-Jul-16

Model: Reveil-MF1	Date: 25-May-16	No.: RM291001b
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RTB Reissue

The items in ***bold italics*** have been corrected or added.

Subject: Firmware Release Note: Main		Prepared by: Y. Miyamoto	
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **Main**.

Version	Program No.	Effective Date	Availability of RFU
<i>01.03.00</i>	<i>M2915090E</i>	<i>August 2016 production</i>	<i>Not available</i>
01.02.00	M2915090D	May 2016 production	Not available
01.01.00	M2915090C	May 2016 production	Not available

Note: Definition of Availability of RFU via @Remote

“Available” The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
<i>01.03.00</i>	<i>System corrected:</i> - <i>Dot coverage counter information was added to the system configuration page.</i>
01.02.00	Symptom corrected: - If the power cord is unplugged and re-plugged after printing, the succeeding job printed is incorrect.
01.01.00	Error corrected: - SC497 is not alerted even when the thermistor is not working.

Reissued: 25-Jul-16

Model: Reveil-P1/ Reveil-MF1	Date: 25-May-16	No.: RM290002a
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RTB Reissue

The items in ***bold italics*** have been corrected or added.

Subject: Firmware Release Note: CE TOOL		Prepared by: Y. Miyamoto	
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **CE TOOL**.

Version	Program No.	Effective Date	Availability of RFU
<i>1.011</i>	<i>M2905500A</i>	<i>July 2016 prodction</i>	<i>Not available</i>
1.005	M2905500	1st Mass production	Not available

Note: Definition of Availability of RFU via @Remote

“Available” The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
<i>1.011</i>	<i>Specification changes: - "SC Error History" and "Jam History" were added to the Adjust Other Settings menu.</i>
1.005	This is a CE tool exclusive for Rev-MF1/P1. See FSM for detail on how to use this tool.

Model: Reveil-MF1w	Date: 06-Jul-16	No.: RM291002
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Subject: Firmware Release Note: Main		Prepared by: Y. Miyamoto	
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **Main**.

Version	Program No.	Effective Date	Availability of RFU
01.01.00	M0AE5090C	1st Mass production	Not available

Note: Definition of Availability of RFU via @Remote

“Available” The firmware can be updated via RFU or SD card.

“Not available”: The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
01.01.00	1st Mass production

Model: Rev-P1/MF1		Date: 29-Nov-16	No.: RM291003
Subject: New "Dot coverage" function		Prepared by: Y. Miyamoto	
From: 1nd Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input checked="" type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other (New model)	<input checked="" type="checkbox"/> Tier 2

The new Dot Coverage function

The "Dot coverage" function was newly added, to allow service to verify the dot coverage ratio of the jobs printed in number of pages.

The information can be viewed in System Settings.

How to verify the information

The dot coverage ratio is categorized in seven ranges as shown below. The number of pages printed according to each range is represented with eight digit numbers.

Sample – System Settings:

The counter of Dot coverage

Number of pages	Dot coverage ratio range
1 st eight digits	Pages with 0~3% dot coverage ratio.
2 nd eight digits	Pages with 3~5% dot coverage ratio.
3 rd eight digits	Pages with 5~8% dot coverage ratio.
4 th eight digits	Pages with 8~10% dot coverage ratio.
5 th eight digits	Pages with 10~20% dot coverage ratio.
6 th eight digits	Pages with 20~30% dot coverage ratio.
7 th eight digits	Pages with 30% or more dot coverage ratio.

See the example on the next page.

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Example

Dot coverage

27

19

68

12

46

19

20

Number of pages	Dot coverage ratio range
<u>1st eight digits</u>	27 pages with 0~3% dot coverage ratio.
<u>2nd eight digits</u>	19 pages with 3~5% dot coverage ratio.
<u>3rd eight digits</u>	68 pages with 5~8% dot coverage ratio.
<u>4th eight digits</u>	12 pages with 8~10% dot coverage ratio.
<u>5th eight digits</u>	46 pages with 10~20% dot coverage ratio.
<u>6th eight digits</u>	19 pages with 20~30% dot coverage ratio.
<u>7th eight digits</u>	20 pages with 30% or more dot coverage ratio.

Note: 1st~7th indicates the order from Left to Right of the eight digit numbers for each dot coverage ratio range.

Note: The example shown above shows only two digits for each range, but in the actual System Settings, there will be eight digits displayed for each range.

(8 digits x 7 ranges = 56 digits in total)

Model: Rev-MF1		Date: 23-Mar-18	No.: RM291004
Subject: FSM correction – The replacement procedure for scanner unit -		Prepared by: A. Shigeta	
From: Tech. Support Sec., Product Marketing Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other (New model)	<input type="checkbox"/> Tier 2

The procedure for replacing to a new scanner unit was revised. Before replacement, you have to obtain the PC software “48L3_ABC_Maintain” with the link below to conduct the CIS calibration.

ftp://10.62.17.218/data/Release_docs/15A/Model_ReveilP1MF1/apli

CAUTION

- After installing a new scanner unit, the software adjustment is required since this machine has no scanner home position.
- Using the software in the link above, the machine can detect the home position with a certain algorithm.
- If this adjustment is not fully conducted, SC1001 may occur in a case that a home position of a new scanner unit is quite different from the old one.
- The CE Tool for this model cannot conduct the home position adjustment.

Service Manual Revision

Following 2 sections are revised.

3. Replacement and Adjustment > Scanner > Scanner Unit

- See page 2 to 4 on this document.

5. Troubleshooting > Service Calls > SC Tables > SC10xx: Others

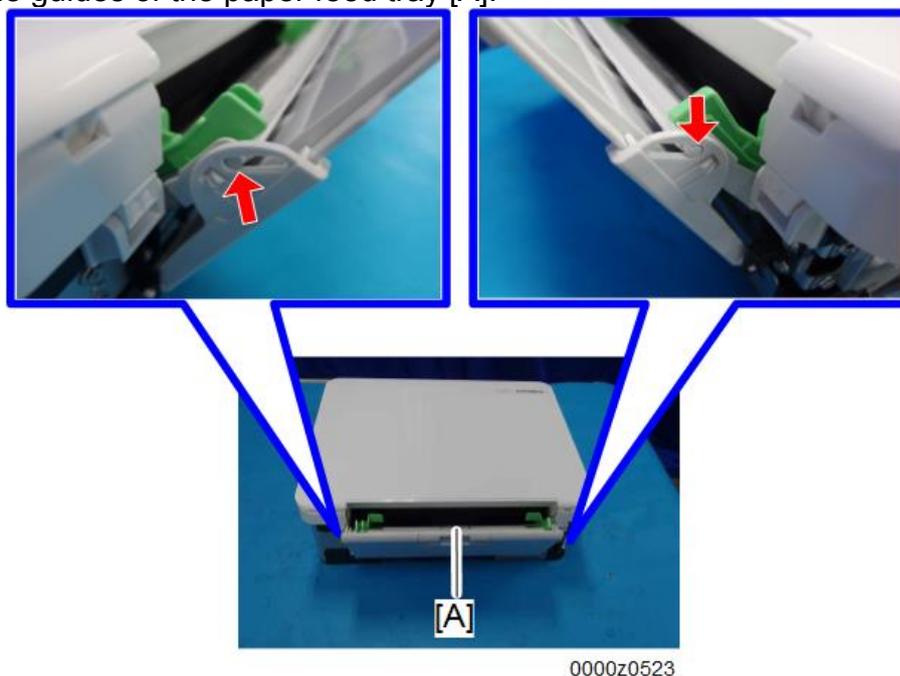
- See page 5 on this document.

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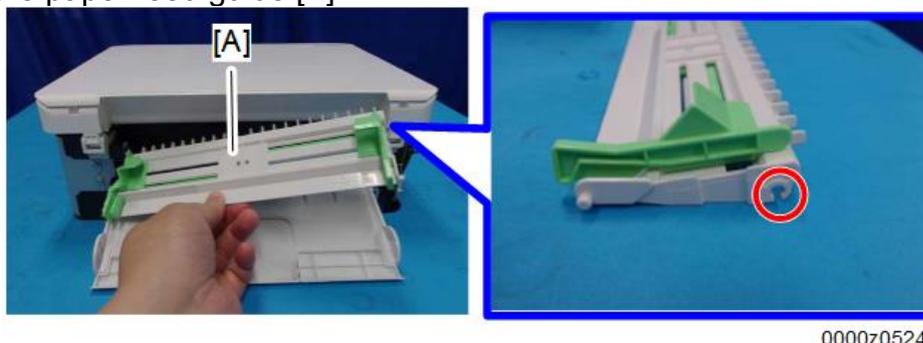
3. Replacement and Adjustment > Scanner > Scanner Unit

Scanner Unit

1. Remove the AIO.
2. Remove the bottom cover.
3. Remove the main board.
4. Release the guides of the paper feed tray [A].



5. Remove the paper feed guide [A].



Note

- To remove the paper feed guide [A], release the right linkage first.

6. Remove the rear cover from the right-hand side [A].

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Date: 23-Mar-18

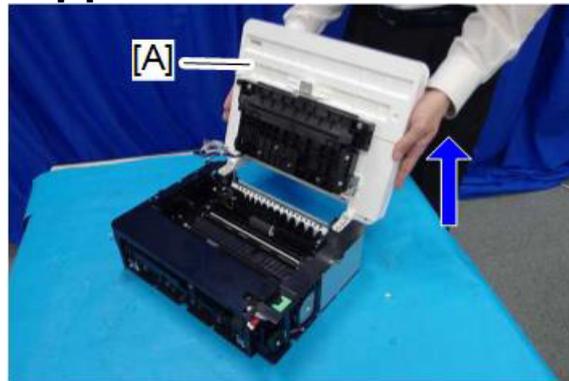
No.: RM291004



0000z0525

7. Open the scanner unit [A] and remove the guide rail [B]. (x1)

8. Remove the scanner unit [A].



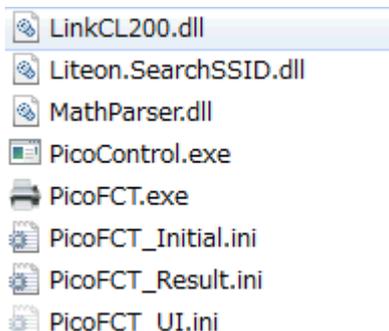
0000z0527

9. Remove the laser unit from the scanner unit [A]. (x4)

Note

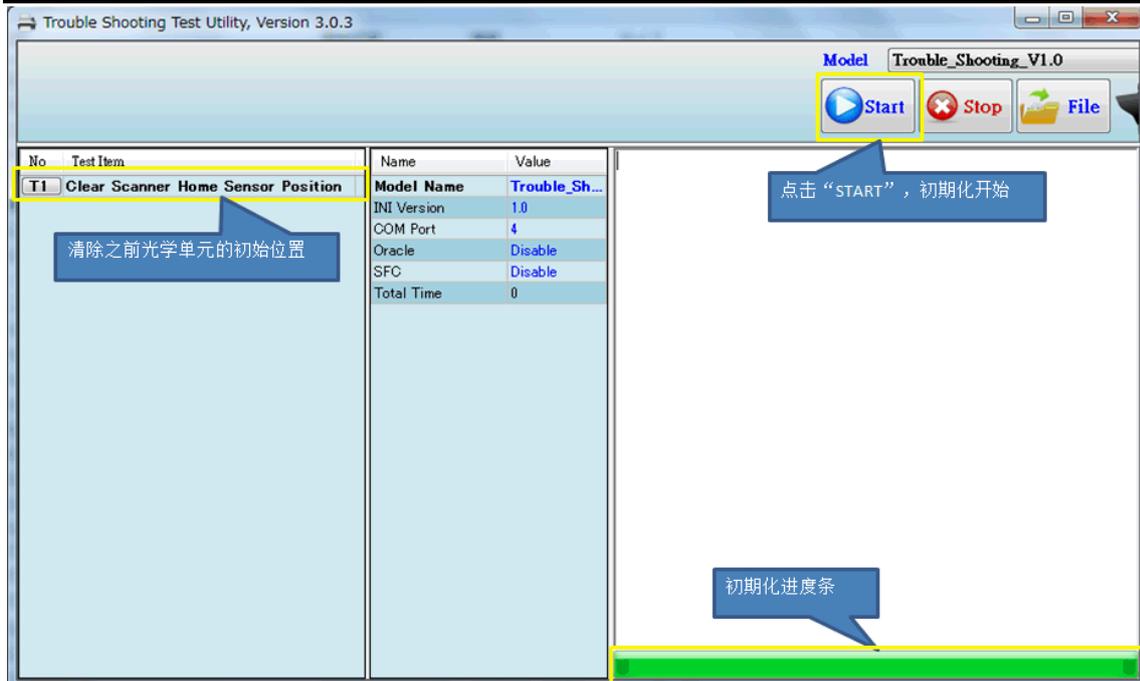
· After installing to a new scanner unit, following adjustment with the PC software “48L3_ABC_Maintain” is required.

1. Connect the machine to your PC via the USB cable.
2. Open the file:48L3_ABC_Maintain then double-click the file: PicoFCT.



3. Adjustment tool will open (You can see the following screen).

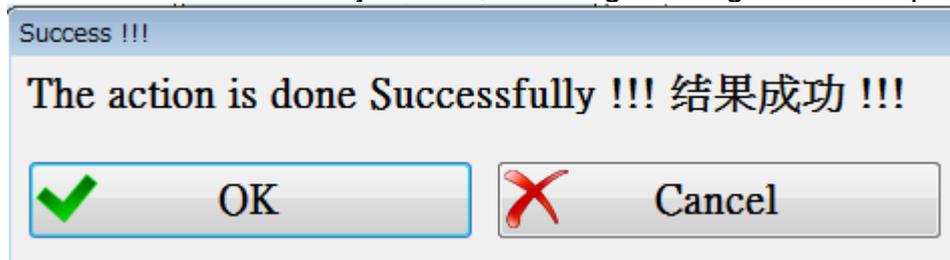
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4. Turn ON the machine.

5. Press the Start button on the tool (Adjustment of scanner home position sensor will automatically start).

6. If succeeded in the adjustment, following message will be displayed.

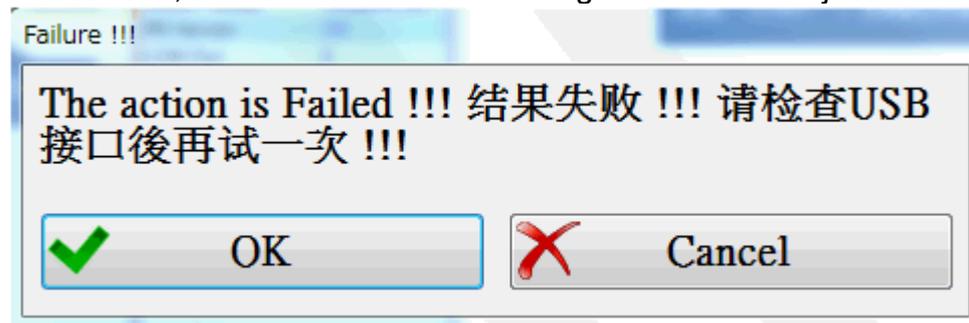


7. Close the tool.

8. Turn OFF/ON the machine.

If failed to the adjustment, following message will be displayed.

In that case, turn OFF the machine and go back to the adjustment step 1.



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5. Troubleshooting > Service Calls > SC Tables > SC10xx: Others

SC10xx: Others

Code	Level	Details
1001	D	Scan Motor Error
		Scanner calibration failed (scanner cannot find the home position).
		<ul style="list-style-type: none"> ▪ Cycle the power OFF/ON. ▪ Check the connection. ▪ Replace the scanner unit. ▪ Scanner home position adjustment using the software in a link below. <p>ftp://10.62.17.218/data/Release_docs/15A/Model_ReveilP1MF1/apli</p>