

Reissued: 19-Mar-12

Model: Be-C1	Date: 19-Sep-08	No.: RD046002f
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RTB Reissue

The items bold and italics has been added.

Subject: Firmware Release Note: Engine		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect., PP 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 **Engine**.

Version	Program No.	Effective Date	Availability of RFU
1.57:04	<i>D0465230K</i>	<i>April 2012 production</i>	<i>Available</i>
1.56:04	D0465230J	April 2011 production	Available
1.55:04	D0465230H	October 2010 production	Available
1.54:04	D0465230G	August 2010 production	Available
1.53:04	D0465230F	June 2009 production	Available
1.52:04	D0465230E	April 2009 production	Available
1.51:04	D0465230D	1st Mass production	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
1.57:04	<i>Other changes:</i> <i>The occurrence conditions for SC305 (charger cleaner lock) were optimized to further reduce unnecessary occurrences.</i>
1.56:04	Symptoms corrected: Part of the trailing edge of scanned images (Scanner, Copier) is missing.
1.55:04	Other changes: The conditions for some SC errors were changed in order to eliminate unnecessary occurrences.
1.54:04	Symptom corrected: A white line appears along the mainscan direction about 2.7m from the leading edge of the copy.
1.53:04	Minor changes applied to support use of the firmware on the Japanese domestic model.
1.52:04	Symptom corrected: (Copier, Printer): The image is deformed along the main scan direction or sections of it are shifted out of position
1.51:04	1st Mass production

Reissued: 03-Apr-14

Model: Be-C1	Date: 19-Sep-08	No.: RD046003c
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RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: LCDC (OpePanel)		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect., PP 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **LCDC (OpePanel)**.

Version	Program No.		Effective Date
	-17	-27	
<i>1.07</i>	<i>D0461491D</i>	<i>D0461492D</i>	<i>May 2014 production</i>
1.06	D0461491C	D0461492C	January 2010 production
1.05	D0461491B	D0461492B	January 2009 production
1.03	D0461491A	D0461492A	1st Mass production.

Version	Modified Points or Symptom Corrected
<i>1.07</i>	<p><i>Other changes:</i></p> <p><i>A password screen is now displayed when the machine is booted up for the first time at installation.</i></p> <p><i>This firmware is dependent on the following firmware modules. Please be sure to update all of them:</i></p> <ul style="list-style-type: none"> - <i>System/Copy firmware v3.03 or later.</i> - <i>Language firmware v1.05 or later</i>
1.06	Symptom corrected: When the machine recovers from energy saver or Off/sleep mode, LCD may not display anymore.
1.05	Other changes: A display was added to the LCD that alerts the operator when Guide N6 on the FD6500A/B is opened.
1.03	1st Mass production.

Model: Be-C1	Date: 19-Sep-08	No.: RD046004
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Subject: Firmware Release Note: Finisher1(JABARA)		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **Finisher1(JABARA)**.

Version	Program No.	Effective Date
2.08.e1	B8905236	1st Mass production.

Version	Modified Points or Symptom Corrected
2.08.e1	1st Mass production.

Model: Be-C1	Date: 19-Sep-08	No.: RD046005
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Subject: Firmware Release Note: Finisher2(FOLDER)		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **Finisher2(FOLDER)**.

Version	Program No.	Effective Date
1.05.e1	B8905286	1st Mass production.

Version	Modified Points or Symptom Corrected
1.05.e1	1st Mass production.

Reissued: 01-Sep-11

Model: Be-C1	Date: 19-Sep-08	No.: RD046007d
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RTB Reissue

Version 1.04 has been added.

Subject: Firmware Release Note: PS(PS3/PDF)		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **PS (PS3/PDF)**.

Version	Program No.	Effective Date	Availability of RFU
1.04	D3985912E	October 2011 production	Available
1.03	D3985912D	June 2011 production	Available
1.02	D3985912C	January 2010 production	Available
1.01	D3985912B	July 2009 production	Available
1.00	D3985912A	1st Mass production.	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
1.04	Symptom corrected: PDF Direct jobs containing a mask that was created using tiling will be reset. (GFPR#OS11070002)
1.03	Symptom corrected: If printing a PDF Direct job that calls a "download font" from the hard disk (or Ram disk), one of the other resident fonts might be used instead.
1.02	Symptom corrected: Batch printing of PDF documents results in a memory overflow and all jobs being cancelled.
1.01	Symptom corrected: 1. PDF Direct Printing of PDFs containing multiple images might result in the PS error "limitcheck" being printed.
1.00	1st Mass production.

Reissued: 21-Nov-13

Model: Be-C1	Date: 19-Sep-08	No.: RD046008c
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RTB Reissue

Version 1.03 has been added.

Subject: Firmware Release Note: Net File(Network DocBox)		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect., PP 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **Net File (Network DocBox)**.

Version	Program No.	Effective Date
1.03	D0465746E	August 2013 production
1.02	D0465746D	August 2009 production
1.01	D0465746C	October 2008 production
1.00	D0465746B	1st Mass production

Version	Modified Points or Symptom Corrected
1.02	<p>Sypmtom corrected:</p> <ol style="list-style-type: none"> <i>If the Capture Priority setting is enabled (User Tools/Counter > System Settings > Administrator Tools > Capture Priority), repeated use of the MLB (Media Link Board) might result in the device stalling.</i> <i>The captured user name might be garbled. This occurs if User Administrator Authentication is enabled and if the user's "Key Display" setting is 16 byte in length.</i> <i>The device fails to transfer the job log or the access log to the Web SmartDeviceMonitor server or Remote communication Gate S Pro. It affected if a control character was included in the log.</i>
1.02	<p>Symptom corrected:</p> <ol style="list-style-type: none"> Either of the following problems might occur if the transferring of logs from the device using Web SmartDeviceMonitor ver 2.x without the powercycle. <ul style="list-style-type: none"> - The 404 Not Found error will be shown if the WIM document server is accessed. - The device will stall if captured data is transfered to a delivery server such as ScanRouter. Duplicate logs might be transfered to Web SmartDeviceMonitor ver 2.x.

Reissued: 21-Nov-13

Model: Be-C1	Date: 19-Sep-08	No.: RD046008c
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Version	Modified Points or Symptom Corrected
1.01	Symptom corrected: <ol style="list-style-type: none">1. Job names that include the "%s" character prevent Web SmartDeviceMonitor from retrieving the MFP's job list.2. Job names that include the "%s" character prevent the Document server from being accessed by the web service. The result is that the Document Server cannot be seen from WebImageMonitor.3. The setting that controls access to the Debug Log (SP5842-001 bit #7) has no effect.
1.00	1st Mass production

Reissued: 23-Jun-11

Model: Be-C1	Date: 19-Sep-08	No.: RD046009d
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RTB Reissue

Version 3.03 has been added.

Subject: Firmware Release Note: Printer		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 checked="" type="checkbox"/> Other ()		

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

Version	Program No.	Effective Date	Availability of RFU
3.03	D3965750A	June 2011 production	Not available
3.02	D3965750	August 2010 production	Not available
1.09	D3965740C	August 2009 production	Available
1.08	D3965740B	January 2009 production	Available
1.01	D3965740A	1st Mass production	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
3.03	<p><Other changes> A new BitSwitch#6-7 has been added. When set to '1', if multiple collated copies are printed, the device no longer responds to PJJ USTATUS with the number of pages in the current copy. Instead the device will return the total number of pages for all copies.</p> <p><Symptom corrected></p> <ol style="list-style-type: none"> PS jobs with a large number of images might be unexpectedly reset. Multiple jobs that are released (printed from the hard disk) by the same user might result in some of the jobs being recorded in the device's Job History as being printed by "---". This only affects the use of the following Job Types and only occurs if User Authentication is enabled: <ul style="list-style-type: none"> - Sample Print - Hold Print - Locked Print - Stored Print Jobs not containing any PJJ commands are held by the device and not printed until another job is submitted or a button is pressed on the device. This occurred if the device entered in energy saver mode immediately after printing a diagnostics page (List/Test Print, etc.).

Reissued: 23-Jun-11

Model: Be-C1	Date: 19-Sep-08	No.: RD046009d
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Version	Modified Points or Symptom Corrected
3.02	<p>The firmware has been updated in accordance with the launch of the VM Card Type M (D56801).</p> <p>Important: Upgrade this firmware together with the System/Copy firmware ver. 3.00.1 (D0465749).</p> <p><Symptom corrected> After changing the order of jobs waiting in the Job List and then printing the job for which the order was changed, nothing will be displayed on the operation panel when a recoverable error (such as a paper mismatch) occurs. Instead, the message "Printing..." persisted until the error was recovered or the job cancelled.</p>
1.09	<p>Symptom corrected:</p> <ol style="list-style-type: none">1. Jobs smaller than 2Kb cause slow printing if the Printer Language is AUTO.
1.08	<p>Symptom corrected:</p> <ol style="list-style-type: none">1. If the Selective User Authentication function (SP5-420-041) and User Authentication are both enabled, unauthenticated users can directly access the urls of WIM's Printer Job History, Printer Error Log and Print Job List.2. Personal Information Protect (SP5-888-001 = 1) is unable to prevent users from directly accessing the urls of WIM's Printer Job History, Printer Error Log and Print Job List.
1.01	1st Mass production

Reissued: 28-Jan-15

Model: Be-C1	Date: 19-Sep-08	No.: RD046010f
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RTB Reissue

The items in ***bold italics*** were added.

Subject: Firmware Release Note: GL2&TIFF-Filter		Prepared by: Y.Okano	
From: 3rd PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **GL2&TIFF-Filter: Printer option.**

Version	Program No.	Effective Date	Availability of RFU
<i>2.2.12</i>	<i>D3965741F</i>	<i>January 2015 production</i>	<i>Not available</i>
2.2.11	D3965741E	October 2014 production	Not available
2.2.9	D3965741D	August 2010 production	Not available
2.2.1	D3965741C	January 2010 production	Not available
2.1.9	D3965741B	July 2009 production	Not available
2.1.8a	D3965741A	April 2009 production	Not available
2.1.8	D3965741	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.

Firmware upgrade procedure for the GL2&TIFF-Filter printer option (D3965741x):
Refer to next page.

Reissued: 28-Jan-15

Model: Be-C1

Date: 19-Sep-08

No.: RD046010f

Firmware upgrade procedure**<Ver.2.2.1 or later>****<What you will need for the upgrade>**

- VM card
- PC equipped with SD card slot

<Procedure>

1. Download D3965741X.exe from the firmware download center.
2. Double click the above file, which will generate the following two files in the same folder as the folder containing the above file.
 - updateTo.bat
 - sdk.exe
3. Insert the VM card into the SD card slot of the PC. Take note of the partition of the SD card drive.
4. Double click the batch file "updateTo.bat".
5. In the message widow, type in the partition of the SD card drive noted in step 3.
6. Wait a few minutes for the upgrade process to complete.
7. Press Enter and remove the VM card from the card slot.
8. Turn OFF the printer main power switch.
9. Insert the VM card to the card slot of the printer.
10. Turn ON the main power switch. This will automatically install the upgraded firmware.

Reissued: 28-Jan-15

Model: Be-C1

Date: 19-Sep-08

No.: RD046010f

IMPORTANT:

When upgrading firmware from v2.2.1 to v2.2.9, make sure to use the following SD card:

Part number: D3965217D
Description: SD-Card: NTL: Exp
Lot number: 1008~ (August, 2010)



Lot No.

Upgrade procedure for ver.2.1.8 to ver.2.2.1

1. Turn OFF the main power switch.
2. Remove the SD card containing the "TIFF/GL Filter TypeW7140" from Slot 2.
3. Delete the folder "sdk" from the SD card.
4. Open the Release Note for the GL2&TIFF-Filter (firmware filename: D3965741x).
5. Open the file " D3965741x.zip".
6. Extract all files to the SD card.
7. Confirm that the directory in the SD card is as follows:
 sdk/
 67633408
 67633664
8. Insert the SD card into Slot 2.
9. Turn ON the main power switch.

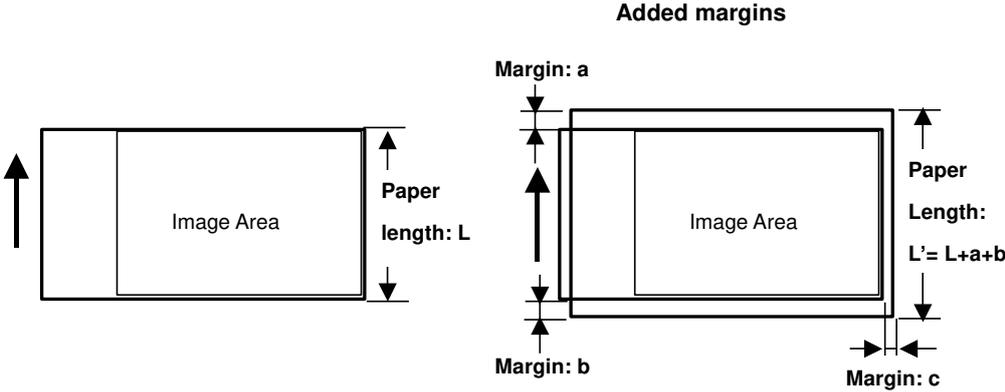
Reissued: 28-Jan-15

Model: Be-C1	Date: 19-Sep-08	No.: RD046010f
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Version	Modified Points or Symptom Corrected
2.2.12	<p>Other changes:</p> <p>Running Web Print Tool on a client PC installed with Java 7 Update 51 or later version displays a security alert message.</p>
2.2.11	<p>Symptom corrected:</p> <p>If the job contains a PictureName parameter consisted of more than 128 characters, problems such as reduced image size, mirror image, disappearing fonts might occur.</p>
2.2.9	<p>The firmware has been updated in accordance with the launch of the VM Card Type M (D56801).</p> <p>Important:</p> <ol style="list-style-type: none"> Both the old and new firmware for the TIFF/GL Filter can be used, regardless of whether the printer firmware is upgraded. However please note that in order to upgrade the firmware for the TIFF/GL Filter to version 2.2.9 or later, you need to replace the TIFF/GL Filter SD card (D3965217C -> D3965217D). This is necessary because license management for this firmware will begin from v2.2.9. So please replace the SD card at the next service visit. <p>Part number: D3965217D Description: SD-Card: NTL: Exp Lot number: from 1008 (August, 2010)</p> <div style="text-align: right;">  </div>
2.2.1	<p>Additional feature of Web Printing Tool: PDF Printing</p> <p>Using Web Printing Tool and GL/2 & Tiff Filter, your printer can also print PDF (version 1.6) files.</p>

Reissued: 28-Jan-15

Model: Be-C1	Date: 19-Sep-08	No.: RD046010f
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Version	Modified Points or Symptom Corrected
2.1.9	<p>Other changes:</p> <p>Supports the use of the Synchro-cut feature with the HDI printer driver.</p> <p>Important:</p> <ul style="list-style-type: none"> - To enable the use of this feature with the HDI driver, after installing this version, turn the Hard Clip setting OFF. (User Tools > Extended Feature Settings > GL2 & TIF > GL2 Print Settings > Hard Clip – ON: Standard cut / OFF: Synchro-cut). - After you do this, the Cut Method settings will not be applied. - To prevent the edges of the image from being overwritten by margins applied by the mainframe during image development, make sure to specify margins a, b, c in the printer driver (which are added to the edges without overwriting them) for the leading, trailing, and right edges. <div style="text-align: center;"> <p>Added margins</p>  <p>The diagram illustrates the effect of added margins on the paper length. On the left, a rectangle represents the 'Image Area' within a 'Paper length: L'. On the right, the same 'Image Area' is shown with three margins added: 'Margin: a' at the top, 'Margin: b' at the bottom, and 'Margin: c' at the right. The resulting 'Paper Length' is labeled as $L' = L + a + b$.</p> </div>
2.1.8a	<p>Symptom corrected:</p> <p>WebPrintingTool doesn't work with JRE 1.6.x.x.</p>
2.1.8	1st Mass production

Model: Be-C1	Date: 19-Sep-08	No.: RD046013
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Subject: Firmware Release Note: Web Uapl		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support 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 checked="" type="checkbox"/> Other ()		

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

Version	Program No.	Effective Date
1.03	D0465745B	1st Mass production.

Version	Modified Points or Symptom Corrected
1.03	1st Mass production.

Reissued: 15-Mar-10

Model: Be-C1	Date: 19-Sep-08	No.: RD046014c
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RTB Reissue

Version 1.13 has been added.

Subject: Firmware Release Note: GW1a-sub cpu(PowerSavingSys)		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 checked="" type="checkbox"/> Other ()		

This RTB has been issued to announce the firmware release information for the **GW1a-sub cpu(PowerSavingSys)**.

Version	Program No.	Effective Date
1.13	D0465747F	March 2010 production
1.12	D0465747E	August 2009 production
1.11	D0465747D	January 2009 production
1.10	D0465747C	1st Mass production

Version	Modified Points or Symptom Corrected
1.13	Symptom corrected: <i>If the PowerSavingSys firmware is saved to a f/w updated SD card, it is possible to install the firmware on all models.</i>
1.12	Symptom corrected: SC816 occurs when the printer recovers from Energy Saver mode if the printer and PC are connected via a USB cable.
1.11	Symptom corrected: 1. An SC816 might be displayed on the operation panel or the device will stall if it receives a ping or ARP while in Energy Saver mode. 2. The device is unable to stay in Energy Saver mode if the On Board NIC is disabled (SP5-985-001 = 0). 3. The MFP might not reply to an IPv6 ping while in Energy Saver mode.
1.10	1st Mass production

Reissued: 03-Apr-14

Model: Be-C1	Date: 08-Oct-08	No.: RD046015a
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RTB Reissue

Version 1.05 has been added.

Subject: Firmware Release Note: Language		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect., PP 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 checked="" type="checkbox"/> Other ()		

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

Version	Program No.	Effective Date
1.05	D0461496A	May 2014 production
1.03	D0461496	1st Mass production

Version	Modified Points or Symptom Corrected
1.05	<p><i>Other changes:</i></p> <p><i>A password screen is now displayed when the machine is booted up for the first time at installation.</i></p> <p><i>This firmware is dependent on the following firmware modules. Please be sure to update all of them:</i></p> <ul style="list-style-type: none"> - <i>System/Copy firmware v3.03 or later</i> - <i>Lcdc (OpePanel) firmware v1.07 or later.</i>
1.03	1st Mass production.

Model: Be-C1	Date: 11-Mar-09	No.: RD046016
Subject: Printer SP Table: 1001 Bit Switch		Prepared by: F.Noguchi
From: 2nd Tech Support Sec. Service Support 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 ()	

Please correct your Service Manual as follows.

Replace the description for Printer SP1001: Bit Switch with the following:

Printer SP Tables

1001	Bit Switch			
001	Bit Switch 1		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	No I/O Timeout	Disabled	Enabled
			Enable: The MFP I/O Timeout setting will have no effect. I/O Timeouts will never occur.	
	bit 4	SD Card Save Mode	Disabled	Enabled
			Enable: Print jobs will be saved to an SD Card in the GW SD slot (☛ "Card Save Function" in "System Maintenance Reference" section of the Field Service Manual).	
	bit 5	DFU	-	-
bit 6	DFU	-	-	
bit 7	DFU	-	-	

1001	Bit Switch		
002	Bit Switch 2 DFU	-	-

1001	Bit Switch		
003	Bit Switch 3 DFU	-	-

1001	Bit Switch		
004	Bit Switch 4 DFU	-	-

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1001	Bit Switch			
005	Bit Switch 5		0	1
	bit 0	Show "Collate Type", "Staple Type" and "Punch Type" buttons on the operation panel.	Disabled	Enabled
		If enabled, users will be able to configure a Collate Type, Staple Type, and Punch Type from the operation panel. The available types will depend on the device and configured options. After enabling the function, the settings will appear under: "User Tools > Printer Features > System"		
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	[PS] PS Criteria	Pattern3	Pattern1
		Change the number of PS criterion used by the PS interpreter to determine whether a job is PS data or not. Pattern3: includes most PS commands. Pattern1: A small number of PS tags and headers		
	bit 4	Increase max number of the stored jobs to 1000 jobs.	Disable (100)	Enable (1000)
		Enable: Changes the maximum number of jobs that can be stored on the HDD via Job Type settings to 1000. The default is 100.		
	bit 5	DFU	-	-
bit 6	DFU	-	-	
bit 7	DFU	-	-	

1001	Bit Switch			
006	Bit Switch 6		0	1
	bit 0	Forced printing	Disable	Enable
	If enabled, the image will be printed regardless of whether the specified roller is of the correct size paper or not. This is similar to "Form Feed" on a standard printer. The default is enabled.			

1001	Bit Switch		
007	Bit Switch 7 DFU	-	-

Model: Be-C1	Date: 11-Mar-09	No.: RD046016
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1001	Bit Switch			
008	Bit Switch 8		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU		
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	[PS]: Orientation Auto Detect Function	Disable	Enable
		Automatically chooses page orientations of PostScript jobs (Landscape or Portrait) based on the content.		
	bit 7	[PDF]: Orientation Auto Detect Function	Disable	Enable
Automatically chooses page orientations of PDF jobs (Landscape or Portrait) based on the content.				

Reissued:30-Apr-09

Model: Be-C1	Date: 14-Apr-09	No.: D046017a
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RTB Reissue

The items in ***bold italics*** were corrected or added.

Subject: Touch panel problem		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Other ()	

SYMPTOM

- ***The panel does not respond at all, or***
- ***The positions of the buttons shift (even after performing calibration)***

Note: This issue affects all machines with the following serial numbers.

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Aficio MP W5000	220-240/50, 60	Europe, Asia, Oceania, etc	D046-27	From first production ~ V1681100016
Aficio MP W7140	220-240/50, 60	Europe, Asia, Oceania, etc	D049-27	From first production ~ V1781100004

CAUSE

The adhesive that binds electrodes to the touch panel surface contains a polymer that tends to expand under normal office environmental conditions.

SOLUTION

In the field: Replace the touch panel (**see the procedure below**).

Service parts: The adhesive was changed to one that will not expand under conditions of standard office environments.

Old Part Number	New Part Number	
D0291494	D0299900	TOUCH PANEL:HVGA:FU-ACF

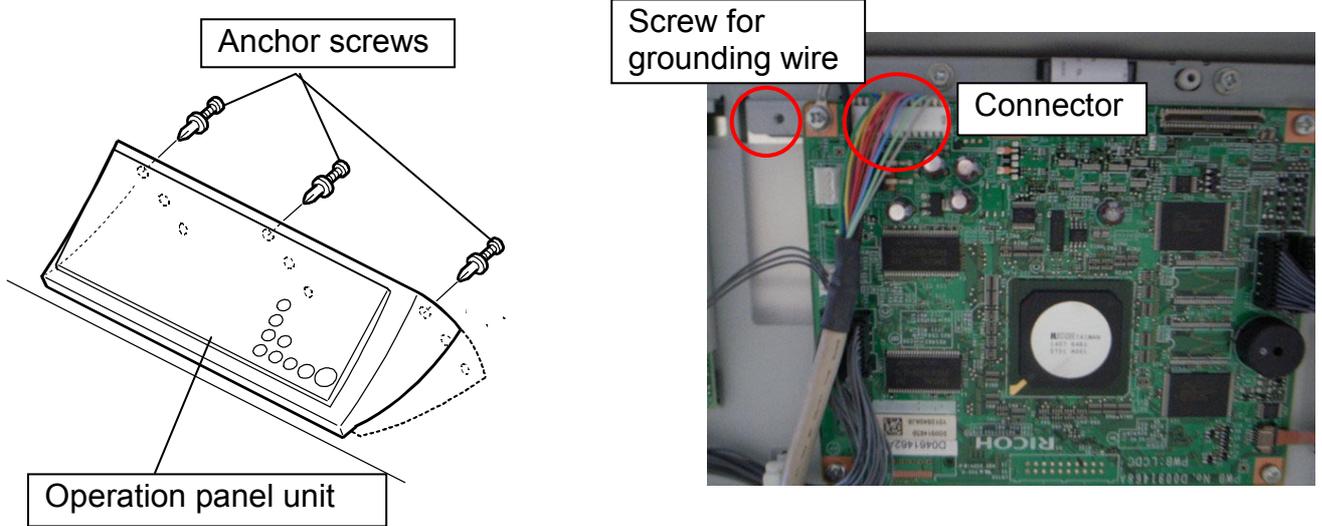
Cut-in Serial Numbers

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Aficio MP W5000	120/60	USA, Canada, S. America	D046-17	From first production
Aficio MP W5000	220-240/50, 60	Europe, Asia, Oceania, etc	D046-27	V16090200014
Aficio MP W7140	120/60	USA, Canada, S. America	D049-17	From first production
Aficio MP W7140	220-240/50, 60	Europe, Asia, Oceania, etc	D049-27	V17090200018

Model: Be-C1	Date: 14-Apr-09	No.: RD046017
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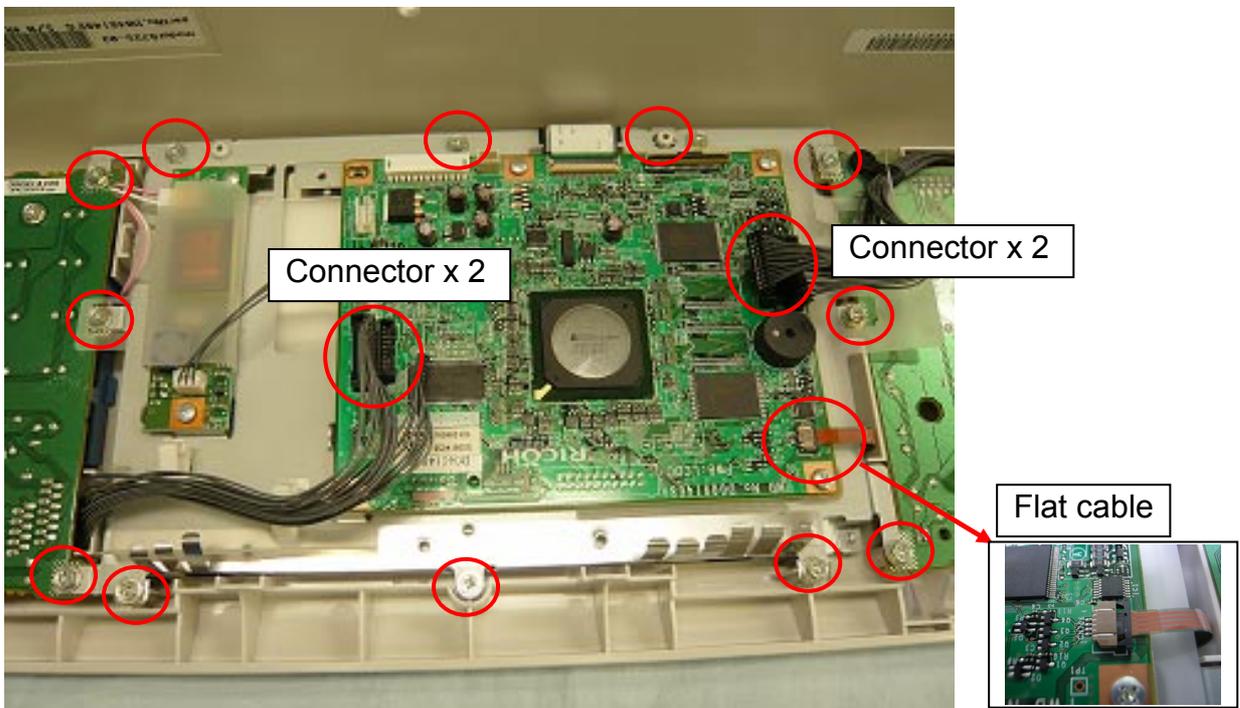
Touch Panel Replacement Procedure

1. Open and remove the operation panel unit (anchor screw x 3, screw x 1, connector x 1).



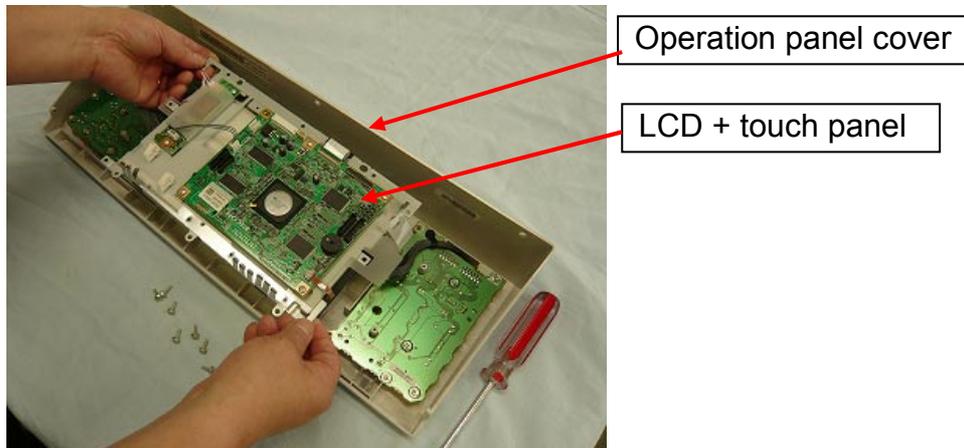
2. Remove the connectors and screws (flat cable connector x1, connector x 4, screws x 12).

Note: For the flat cable connector, pull the connector to the left, then remove the flat cable.

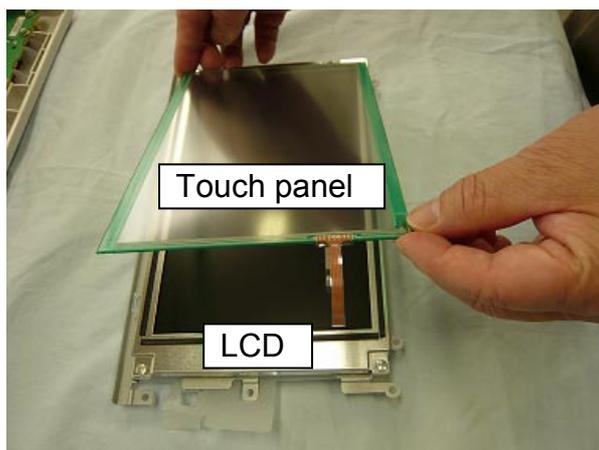


Model: Be-C1	Date: 14-Apr-09	No.: RD046017
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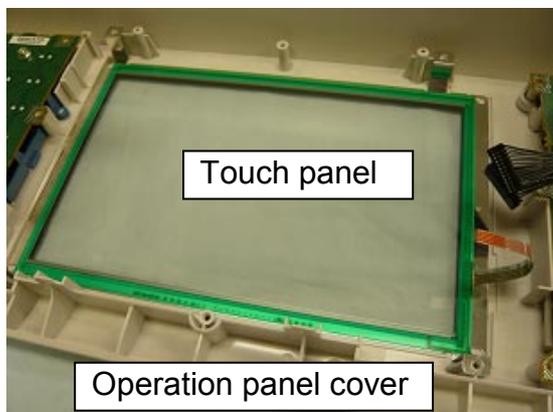
- Remove the LCD + touch panel from the operation panel cover.
Note: The touch panel is attached to the LCD.



- Remove the old touch panel from the LCD.



- Place the new touch panel (P/N **B2231484**) on the operation panel cover.
Important: Only replace the touch panel. Do not replace the LCD.



Model: Be-C1	Date: 14-Apr-09	No.: RD046017
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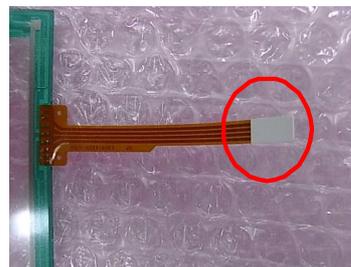
How to distinguish the new parts from the old parts



Old parts:
The tip of the electrode is **brown**.



New parts:
The tip of the electrode is **white**.



6. Reattach the LCD to the operation panel cover (screws x 12).



7. Re-assemble the operation panel unit in the reverse order of the steps above.
8. Do the Touch Panel Position Adjustment, and then make sure the touch panel works correctly.

Model: Be-C1

Date: 14-Apr-09

No.: RD046017

Touch Panel Position Adjustment

Note: Do not use items [2] to [9] on the Self-Diagnostic Menu. These items are for design use only.

1. Press [Clear mode], press [1] [9] [9] [3], press [Clear] 5 times to open the Self-Diagnostics menu.
2. On the touch screen press “[1] Touch Screen Adjust” (or press [1]).
3. Use a pointed (not sharp) tool to press the upper left mark “o”.
4. Press the lower right mark when “o” shows.
5. Touch a few spots on the touch panel to make sure that the marker “+” shows exactly where the screen is touched.
6. Press Cancel. Then start from Step 2 again if the “+” mark does not show where the screen is touched.
7. Press [#] OK on the screen (or press #) when you are finished.
8. Touch [#] Exit on the screen to close the Self-Diagnostic menu. Save the calibration settings.

Model: Be-C1		Date: 21-Apr-09	No.:RD046018
Subject: NVRAM uploading/downloading		Prepared by: F. Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()	<input type="checkbox"/> Tier 2

Important Information Regarding NVRAM Data Upload (SP5824)

- Please note that the engine SP data shown in the table below is stored in the **EEPROM** on the MCU board, and not in the NVRAM. Therefore, when you perform an NVRAM data upload (SP5424), this data is not saved to the SD card.
- Because of this, do the following **before** you perform **SP5801-001** (Memory Clear: All Clear) or **SP5801-002** (Memory Clear: Engine).

NVRAM Upload/Download Procedure:

- 1) Print out the SP Data List from **SP5990-002**.
- 2) Perform the NVRAM data upload (to the SD card) according to the procedure in the Service Manual.
- 3) Perform the memory clear (SP5801-001 or -002).
- 4) Perform the NVRAM data download (from the SD card) according to the procedure in the Service Manual.
- 5) Input the engine SP data shown in the table below manually.

Engine SP Data Stored in the EEPROM on the MCU Board:

SP	Description
1105 005 – 008	Fusing temp. Adjustment
1914 002 – 003	Fusing pressure Motor DFU
1951 011 – 153	Fusing Pressure
4008	Scanner Sub Scan Magnification
4010 001, 002	Scanner Sub Scan Registration
4012 005 – 008	Scanner Erase Margin
4550 005 – 009	Scanner: Text/Chart DFU

Model: Be-C1	Date: 21-Apr-09	No.:RD046018
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SP		Description
4551	005 – 009	Scanner: Text DFU
4553	005 – 009	Scanner: Text/Photo DFU
4554	005 – 009	Scanner: Photo DFU
4555	005 – 009	Scanner: Drawing DFU
4565	005 – 009	Scanner: Grayscale DFU
4570	005 – 009	Scanner: Color: Text/photo DFU
4571	005 – 009	Scanner: Color: Glossy Photo DFU
4700	001	Display the ID of ASIC
4901	001, 002	Scan Correction DFU
4903	001 – 019	Image Quality Adjustment DFU
4904	001 – 007	Image Process Setting DFU
4905		Gray Scale Processing Select
4961	001 – 002	Original Adjustment
4962	003	Original Speed Calibration by Temperature DFU
4975		Original Edge Hold

Model: Be-C1		Date: 17-Jun-09	No.: RD046019
Subject: FSM Correction		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()	

The Service Manual was revised as follows.

- **Replace** “1. Input Voltage Level”: After Replacement with the following:

2. Installation

Preparation

Power Source

D046	NA	208V-240V 10.5A 60Hz
	EU/ Asia	220V-240V /9A 50/60Hz
D049	NA	208V-240V 15A 60Hz
	EU/ Asia	220V-240V /13A 50/60Hz

- **Add** Steps 12, 13, and 14 to the following section.

2. Installation

MFP Options

Interface PCB Type 7140 (D445)

- 12. Connect the machine to its power source and turn the main power switch on.**
- 13. Enter SP mode and change the following SP settings.**
SP5193-001 (External Controller Info. Settings): Set to “2” (RATIO)
SP5985-001 (Device Setting: On Board NIC): Set to “1” (Enable)
SP5985-002 (Device Setting: On Board USB): Set to “1” (Enable)
- 14. Turn the main power off/on.**

- **Replace** the procedure for NVRAM: After Replacement with the following:

4. Replacement and Adjustment

HDD, PCB: NVRAM: After Replacement

- 1. Turn the machine main power on.**
- 2. Adjust the touch panel position.**
Important: Do not use items [2] to [9] on the Self-Diagnostic Menu. These items are for design use only.
 - 1) Press [Clear mode], press [1] [9] [9] [3], and then press [Clear] 5 times to open the Self-Diagnostics menu.**
 - 2) On the touch screen press “[1] Touch Screen Adjust” (or press [1]).**

Model: Be-C1	Date: 17-Jun-09	No.: RD046019
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- 3) Use a pointed (not sharp) tool to press the upper left mark “o”.
- 4) Press the lower right mark when “o” shows.
- 5) Touch a few spots on the touch panel to make sure that the marker “+” shows exactly where the screen is touched.
- 6) Press Cancel. Then start from Step 2 again if the “+” mark does not show where the screen is touched.
- 7) Press [#] OK on the screen (or press #) when you are finished.
Note: Touch [#] Exit on the screen to close the Self-Diagnostic menu. Save the calibration settings.

3. Do SP5801-1 (All Clear) to reset all NVRAM memory to the defaults.
4. Turn the main power off/on.
5. In User Tools, confirm that the counter is at a value of "0".
6. Make some copies or prints.
7. Confirm that the counter value has increased by the same number of copies/prints you made in Step 6.

- **Revise** the parts in bold in the table below.

Appendixes

1. Appendixes: Specifications
Main Machines (D046/D049)

Correction

	Incorrect	Correct
Original Weight		
Rear: Straight	20.0 to 157 g/m ² , 30 μm to 1.1 mm	20.0 to 157 g/m ² , 35 μm to 1.0 mm
Power Source		
D046 NA	200V 15A 60Hz	208V-240V 10.5A 60Hz
EU/ Asia	220V-240V /9A 50/60Hz	220V-240V /9A 50/60Hz
D049 NA	200V 15A 60Hz	208V-240V 15A 60Hz
EU/ Asia	220V-240V /15A 50/60Hz	220V-240V / 13A 50/60Hz
Output Tray capacity		
Rear:	<ul style="list-style-type: none"> · 10 sheets @ A0/E SEF (plain paper) · Smaller than A2/C size cannot be stacked · 1 sheet @ A0/E SEF (application paper) · 1 sheet @ film 	<ul style="list-style-type: none"> · 10 sheets @ A1/D SEF, A0/E SEF (plain paper) · Smaller than A2/C size cannot be stacked · 1 sheet @ A1/D SEF, A0/E SEF (application paper) · 1 sheet @ film

Model: Be-C1

Date: 17-Jun-09

No.: RD046019

- **Add** the following description for SP5193.

Appendixes

8. Appendixes: SP Mode Tables

5193	External Controller Info. Settings
	Select the type of external controller [0 to 7/0] 0: None 1: EFI 2: RATIO 3: EGRET 4: GJ 5: Creo 6: QX-100

Model: Be-C1		Date: 07-Aug-09	No.: RD046020
Subject: Firmware Release Note: Printer Controller RW-7140		Prepared by: F.Noguchi	
From: 2nd Tech Support Sec. Service Support 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 ()	<input type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **Printer Controller RW-7140**.

Firmware download/storage

The RW-7140 Printer Controller firmware is divided into the following five files, due to the large size of the original file.

Do the following when downloading and restoring the firmware:

1. Download each of the following files and store them in the same folder:

- x.x.(build 91)H4.part1.exe (D3998801_1)
- x.x.(build 91)H4.part2.rar (D3998801_2)
- x.x.(build 91)H4.part3.rar (D3998801_3)
- x.x.(build 91)H4.part4.rar (D3998801_4)
- x.x.(build 91)H4.part5.rar (D3998801_5)

2. Double-click on the .exe file (the first file listed above).

Note: When you do this, the .exe file is automatically decompressed and the five separate files listed above are automatically restored and combined (restored) into the original firmware file, "x.x.(build 91)H4.iso".

3. Copy this restored file onto a DVD-ROM.

Version	Program No.	Effective Date
5.5.091	D3998801	1st Mass production.

Version	Modified Points or Symptom Corrected
5.5.091	1st Mass production.

Model: Be-C1		Date: 21-Jan-10	No.: RD046021
Subject: LCD panel does not indicate		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input checked="" 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 type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Tier 2

SYMPTOM

The LCD may remain blank when the machine recovers from Energy Saver or Off/Sleep Mode.

CAUSE

A bug in the LCDC firmware control program causes a fuse on the operation panel LCD board to short out.

SOLUTION

Production line:

The LCDC firmware was modified to correct the bug.

Applied from: January 2010 production.

In the field:

Proactive measures

Update the LCDC firmware to the following versions or later at the next site visit.

Version	Program No.		Effective Date
	-17	-27	
1.06	D0461491C	D0461492C	January 2010 production

If the symptom is reported:

1. Replace the operation panel LCD board.
2. If the LCDC firmware is older than the versions listed in the table above, install the new version.

Note: When you update the firmware, you may need to re-install the language firmware as well.

Affected units

From the beginning of mass production through the end of December 2009 production

Model: Be-C1		Date: 29-Jan-10	No.: RD046022
Subject: PlotClient HDI for Printer Controller RW-7140		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 ()	

This is a release note for Printer Controller RW-7140.

***** PlotClient HDI for PLOTBASE Version 5.5.091 *****

This is an update for PlotClient HDI to support AutoCAD2010.

Note: Supported OS
 Windows XP SP3
 Windows Vista SP1

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-7140 pc3 drivers.

Name	Size	Type	Date Modified
PMP Files		File Folder	16.06.2006 12:41
Add-A-Plotter Wizard	1 KB	Shortcut	16.06.2006 12:41
Default Windows System Printer.pc3	2 KB	AutoCAD Plotter Co...	03.03.2003 11:36
DWF6 ePlot.pc3	5 KB	AutoCAD Plotter Co...	28.07.2004 19:14
DWG To PDF.pc3	2 KB	AutoCAD Plotter Co...	03.01.2006 17:43
PLOTCLIENT HDI.pc3	2 KB	AutoCAD Plotter Co...	21.06.2006 08:51
PublishToWeb JPG.pc3	1 KB	AutoCAD Plotter Co...	07.12.1999 12:53
PublishToWeb PNG.pc3	1 KB	AutoCAD Plotter Co...	21.11.2000 15:18

Model: Be-C1	Date: 29-Jan-10	No.: RD046022
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- Go to your directory containing the update (RW-7140 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

You are working with AutoCAD2010 on a computer which has Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

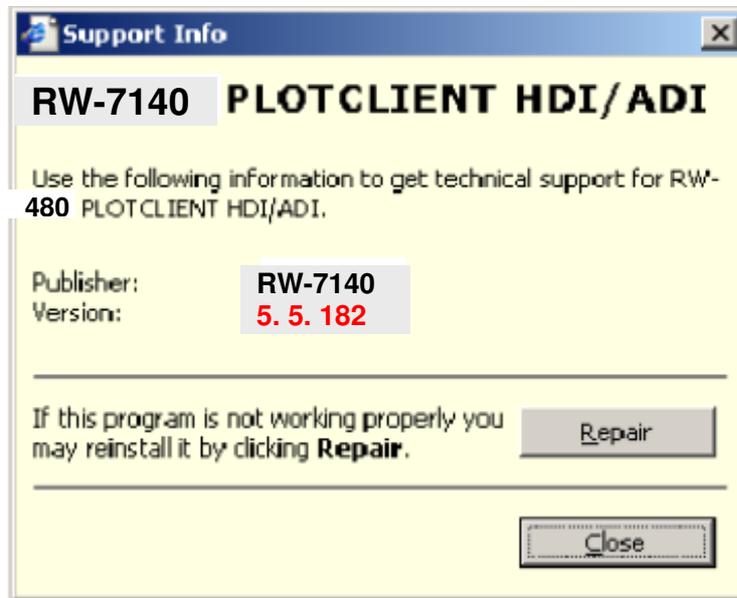
- Execute the correct setup.exe.
- Follow the instructions with “Next” and “Install”.
- Install the updated PC3 files.

For reinstallation of the PC3 files, please refer to RW-7140 client manual, chapter “PloteClient ADI/HDI”.

- Final check

After the installation, the version number of PlotClient HDI as shown below should appear.

- Go to control panel and open “Add to remove software”.
- Select “RW-7140 PlotClient HDI” and click on “Support information”.



- Reboot

We recommend that you reboot your Plotbase computer, even though this is generally not necessary.

Model: Be-C1		Date: 07-Jun-10	No.: RD046023
Subject: SP1 Release note for Printer Controller RW-7140		Prepared by: F. Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 ()	

This is a release note for Printer Controller RW-7140.

***** RW-7140 Printer Controller Ver.5.5SP1 *****

1. Major features added:

- 1) Support for OS
 - <Plotbase>
 - WindowsXP SP3
 - WindowsVista SP2
 - <Clients>
 - WindowsXP SP3
 - WindowsVista SP2
 - Windows2008Server
- 2) Update to application
 - AutoCAD2010
 - LibCad2010 (DWG option)
 - PDF 1.7 Level 3

2. Symptom corrected:

If the device does not have the optional tray bank, jobs submitted by PlotBase Auto Plot will fail while displaying "Pending" indefinitely.

Model: Be-C1

Date: 07-Jun-10

No.: RD046023

Firmware download/storage

The RW-7140 Printer Controller firmware is divided into the following five files, due to the large size of the original file.

Do the following when downloading and restoring the firmware:

1. Download each of the following files and store them in the same folder:

RW7140SP1.part1.exe (D3998802_55SP1_1)

RW7140SP1.part2.rar (D3998802_55SP1_2)

RW7140SP1.part3.rar (D3998802_55SP1_3)

RW7140SP1.part4.rar (D3998802_55SP1_4)

RW7140SP1.part5.rar (D3998802_55SP1_5)

2. Double-click on the .exe file (the first file listed above).

Note: When you do this, the .exe file is automatically decompressed and the five separate files listed above are automatically combined (restored) into the original firmware file, "RW7140SP1.iso".

3. Burn this restored file onto a DVD-ROM.

Model: Be-C1	Date: 07-Jun-10	No.: RD046023
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SP1 Installation Procedure:

Before updating the Printer Controller RW-7140, please make sure that all running applications are closed on your Plotbase computer.

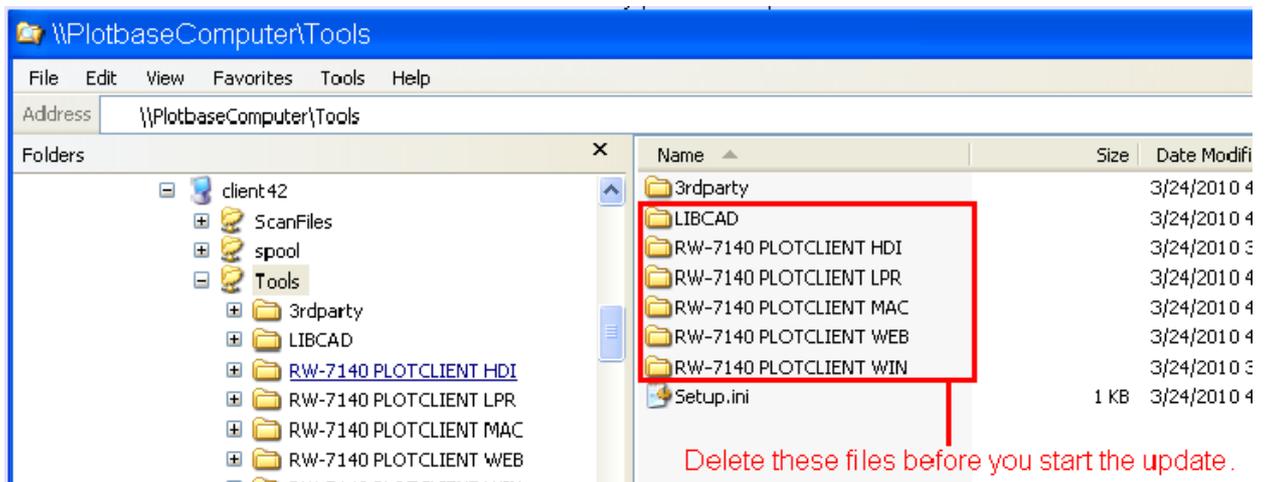
1. Uninstall the LibCad from your Plotbase computer.

Windows OS => Start => Add or Remove Program => LibCad200x => Remove

Note: Before the SP4 upgrade can be performed, it is necessary to uninstall LibCad200x from Plotbase computers.

2. Delete the following folder under \\Plotbase PC\Tools.

- LIBCAD
- RW-7140 PLOTCLIENT HDI
- RW-7140 PLOTCLIENT LPR
- RW-7140 PLOTCLIENT MAC
- RW-7140 PLOTCLIENT WEB
- RW-7140 PLOTCLIENT WIN



3. Set the DVD-ROM for "RW-7140PrinterControllerVer.5.5SP1".
4. After boot up the "Setup Launcher", follow the instructions displayed to perform Steps 1–3.
5. Update the RSP file to the most recent version that supports LibCad2010.
6. Reboot your Plotbase computer.

Note: Although this is not a necessary step, it is recommended that you do this.

Reissued: 29-Jun-10

Model: Be-C1	Date: 25-Jun-10	No.: RD046024a
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RTB Reissue

The items in ***bold italics*** were corrected.

Subject: MAC Address Change Notification		Prepared by: F. Noguchi	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input checked="" 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 type="checkbox"/> Other ()	

MAC Address Change Notification

Overview:

- The number of available MAC address codes used on Ricoh MFP/LPs has been depleted. Therefore, a new vendor code has been assigned to all affected models.
- The part number of the PCB used on the Be-C1 was changed as follows:

Old Part Number	New Part Number	Description	I/C
D0465252	D0465253	PCB:CTL:EX1:SUB-ASS'Y	O/O

Cut-in S/N:

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
<i>Aficio MP W5100</i>	120/60	USA, Canada, S. America	D046-17	V1600400001
<i>Aficio MP W5100</i>	220-240/50, 60	Europe, Asia, Oceania, etc	D046-27	V1600400012
Aficio MP W7140	120/60	USA, Canada, S. America	D049-17	V1700500043
Aficio MP W7140	220-240/50, 60	Europe, Asia, Oceania, etc	D049-27	V1700400001

Connection issues and solutions:

- MFP/LPs that use the new MAC address have connection issues with the following Ricoh software products:

SmartDeviceMonitor for Admin/SmartDeviceMonitor for Admin V8/Accounting Report Package

1. The User Management Tool and the Addressbook Management Tool do not work.
2. Printing jobs and machine status cannot be reset.
3. The MFP/LP's NIB password cannot be changed.
4. The NIB Setting Tool does not work.

Reissued: 29-Jun-10

Model: Be-C1	Date: 25-Jun-10	No.: RD046024a
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SmartDeviceMonitor for Client / DeskTopBinder SmartDeviceMonitor for Client

Automatic protocol/port number specification does not work when adding the SmartDeviceMonitor port.

Web Smart DeviceMonitor

The device is detected as another vendor's product.

RC Gate S

The device is detected as another vendor's product.

- The issues described above have been resolved by the following update versions, which have already been released to the field. If any of these issues occur, update to the following version(s) or newer:

Product Name	Version	Web Release date *
SmartDeviceMonitor for Admin V7	V7.4.3.0	Oct. 23, 2009
DeskTopBinder SmartDeviceMonitor for Client	V8.7.5.0	Oct. 23, 2009
DeskTopBinder lite	V5.4.1.1	Nov. 06, 2009
Web SmartDeviceMonitor	V02.07.00-04	Dec. 25, 2009
RC Gate S	V01.01.03	Dec. 10, 2009
SmartDeviceMonitor for Admin V8	V8.1.1.0	Nov. 06, 2009
SmartDeviceMonitor Accounting Report Package	V1.1.1.0	Nov. 06, 2009

Other important notes:

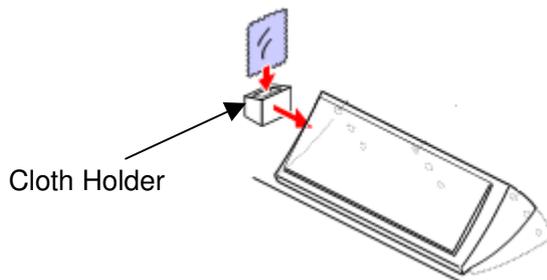
- The controller firmware was also modified in order to support both the old and new MAC addresses. **Sytem/Copy Firmware version 1.11** and newer support the MAC addresses, but an SC error may occur if the old firmware is installed on a PCB with the new MAC address.
- PCBs that contain the old MAC address will still be available under P/N D0465252, but the quantities are **very limited**. Therefore, only order this board **if the customer needs to continue using the old firmware** (such as a customized version of firmware) when the PCB breaks.

For regular parts replacement, please order the board containing the new MAC address, and advise the customer to update the utility as necessary.

Model: Be-C1		Date: 02-Jul-10	No.: RD046025
Subject: Cloth Holder		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" 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 type="checkbox"/> Other ()	<input type="checkbox"/> Tier 2

New part number	Description	Q'ty
B0651371	CLOTH HOLDER	1

Change: The cloth holder is now bundled at the factory from May 2010 production.
Reason: In accordance with requests from the field.



MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Aficio MP W5100	120/60	USA, Canada, S. America	D046-17	V1600500004
Aficio MP W5100	220-240/50, 60	Europe, Asia, Oceania, etc	D046-27	V1600500001
Aficio MP W7140	120/60	USA, Canada, S. America	D049-17	V1700500003
Aficio MP W7140	220-240/50, 60	Europe, Asia, Oceania, etc	D049-27	V1700500001

Reissued: 28-Jan-15

Model: Be-C1/Be-C1.5	Date: 03-Sep-10	No.: RD046026c
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RTB Reissue

The items in bold italics have been corrected.

Subject: Firmware Release Note: GL2&TIFF-Filter: VM Card		Prepared by: Y.Okano	
From: 3rd PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 **GL2&TIFF-Filter: VM Card**.

Version	Program No.	Effective Date	Availability of RFU
2.2.12	<i>D3965751B</i>	<i>January 2015 production</i>	<i>Not available</i>
2.2.11	D3965751A	April 2014 production	Not available
2.2.9	D3965751	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	Symptom Corrected
2.2.12	<i>Other changes: Running Web Print Tool on a client PC installed with Java 7 Update 51 or later version displays a security alert message.</i>
2.2.11	Symptom corrected: If the job contains a PictureName parameter consisted of more than 128 characters, problems such as reduced image size, mirror image, disappearing fonts might occur.
2.2.9	Support for Model Be-C1.5 (D154) 1st Mass production

Firmware upgrade procedure for the **GL2&TIFF-Filter: VM Card (D3965751x)**:
Refer to next page.

Reissued: 28-Jan-15

Model: Be-C1/Be-C1.5	Date: 03-Sep-10	No.: RD046026c
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RTB Reissue

The items in bold italics have been corrected.

Firmwares upgrade procedure

1. Download the most recent version to the PC.

(File name)

D3965751x.exe

2. Create new folder (for the TIFF/GL Filter) before you decompress the EXE files.

< D3965751x.exe> Filter

Note: When updating the TIFF/GL Filer and Java VM v4 prn:

The extracted filenames for the new (upgraded) firmware for the TIFF/GL Filer and Java VM v4 prn are the same.

If you decompress them inside the same directory, the old files will be overwritten.

3. Double click the .exe file.

Note: This will generate the following file.

update To. bat
sdk.exe

4. Turn the machine main power OFF.
5. Remove the SD card from Slot 2 and insert it into the SD card writer that is connected to PC.
6. Make sure which drive is assigned for the SD card.
7. Double click the "update To. bat" file.
The command prompt screen is appeared.

C:\WINDOWS\system32\cmd.exe

Please input drive letter of SD card [a - x]: g

8. Enter the name of the drive in which the SD card is located, and then press ENTER twice.

C:\WINDOWS\system32\cmd.exe

```
Extracting g: \sdk\67633664\webprint\help\ja\1600.html
Extracting g: \sdk\67633664\webprint\help\ja\2000.html
Extracting g: \sdk\67633664\webprint\help\ja\2100.html
Extracting g: \sdk\67633664\webprint\help\ja\2200.html
Extracting g: \sdk\67633664\webprint\help\ja\2300.html
```

Note: If the wrong drive name is entered and an error occurs, the firmware update will automatically be cancelled.

9. Wait for the machine to complete the firmware upgrade.
Note: With a USB2.0 connection, this should take approximately 3-5 minutes.
10. After the firmware has been upgraded, press the ENTER key to complete the process.
11. Remove the SD card from the SD card writer after going off the access lamp on the SD card writer.
12. Insert the SD card into Slot 2.

Reissued: 28-Jan-15

Model: Be-C1/Be-C1.5	Date: 03-Sep-10	No.: RD046026c
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RTB Reissue

The items in bold italics have been corrected.

13. Turn the machine main power ON.

14. Access UP mode and confirm that the firmware has been successfully upgraded.

Reissued: 27-Sep-10

Model: Be-C1	Date: 10-Sep-10	No.: RD046027b
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RTB Reissue

The items bold and italics have been corrected.

Subject: VM Card Type M (D58601) release		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" 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 (New option)	<input type="checkbox"/> Tier 2

This RTB explains the following information concerning the release of the VM Card Type M (D56801) for the Be-C1 (D046/D049):

- Supported SDK application
- Firmware and update procedure
- Supported firmware versions (mainframe, printer)
- Service parts information
- Installation procedure

Overview

- The VM Card Type M supports the following SDK applications:
Global Scan NX version 1.4.x
- Firmware:
The VM Card Type M includes the GL2/TIFF Filter (P/N: D3965751, ver. 2.2.9) for the printer option.

Model	Firmware	P/N	Version
VM Card Type M (D568-01)	Java VM v4 prn	D5685765	4.21.05
	GL2/TIFF Filter	D3965751	2.2.9

- Required firmware versions:

Model	Firmware	P/N	Version	Effective date
Be-C1 (D046/D049)	System/Copy	D0465749	3.00.1 or later	September 2010 production
Printer option Type W7140 (D396)	Printer	D3965750	3.02 or later	September 2010 production

Reissued: 27-Sep-10

Model: Be-C1	Date: 10-Sep-10	No.: RD046027b
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Cut-in serial number
Be-C1

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Aficio MP W5100	120/60	USA, Canada, S. America	D046-17	V16010xxxxx
Aficio MP W5100	220-240/50, 60	Europe, Asia, Oceania, etc	D046-27	V1600900030
Aficio MP W7140	120/60	USA, Canada, S. America	D049-17	V1700900012
Aficio MP W7140	220-240/50, 60	Europe, Asia, Oceania, etc	D049-27	V1700900005

Printer option Type W7140

From month of production (lot number) 1009xx

The month of production (lot number) appears on the label affixed to the carton (in the machine serial number box).



**Month of production
(LOTNo.): YYMM00**

- Service parts:
Extension units for the D046/D049:

Part number	Description	Q'ty	Page	Index	Note
B2231533	KEYTOP:FUNCTION:NA	1	3	23	
B2231539	KEYTOP:FUNCTION:EU	1	3	23	
D5685001	SD-CARD:VM:EXP:ASS'Y	1	3	24	

Reissued: 27-Sep-10

Model: Be-C1

Date: 10-Sep-10

No.: RD046027b

Installation

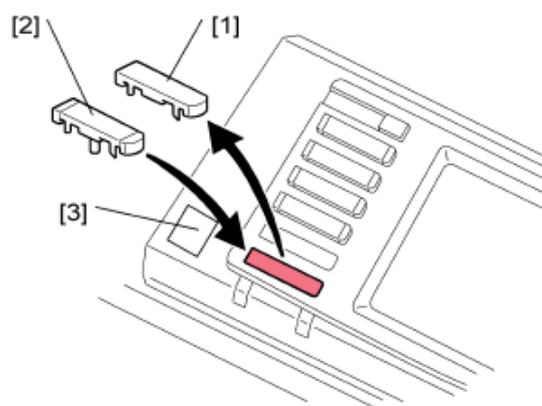
Important notes:

- 1) Make sure to upgrade the **System/Copy** and **Printer** firmware **together**. If only one is upgraded, the Printer function will not work.
- 2) The **VM Card Type M** includes the **GL2/TIFF Filter v2.2.9** (D3965751).
When you install the VM Card Type M, insert the card into Slot 2.
If the old SD card (TIFF/GL Filter Type W7140) for the printer option is already in Slot 2, replace this SD card with VM Card Type M.

Installation procedure:

Caution:

- Before doing the procedure, turn off the main power switch and unplug the machine from the power source.
1. Remove the SD card slot cover (1 screw).
 2. Insert the SD card (VM Card) into Slot 2.
 3. Turn ON the machine main power.
 4. Follow the prompts on the screen to complete the installation of the VM Card Type M.
 5. Reattach the SD card slot cover.
 6. Remove the dummy keytop [1] from the operation panel and replace it with the "Other Function" keytop [2].
 7. Attach the "Enable Software Architecture" decal [3].



Reissued: 27-Sep-10

Model: Be-C1	Date: 10-Sep-10	No.: RD046027b
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Firmware upgrade procedure

- GL2/TIFF Filter: **D3965751x**
- Java VM v4 prn: **D5685765x**

1. Download the most recent version to the PC.

File names:

D3965751x.exe

D5685765x.exe

2. Create new folders (one for the Java VM and one for the GL2/TIFF Filter) before you decompress the EXE files.

< D3965751x.exe> Filter

<D5685765x.exe> VM card

Note: When updating the Java VM v4 prn and GL2/TIFF Filter, the extracted filenames for the new (upgraded) firmware for the Java VM v4 prn and GL2/TIFF Filter are the same. If you decompress them inside the same directory, the old files will be overwritten.

3. Double click the .exe file.

Note: This will generate the following files.

update To.bat
 sdk.exe

4. Turn OFF the machine main power.

5. Remove the SD card from Slot 2 and insert it into the SD card writer that is connected to PC.

6. Confirm which drive is assigned to the SD card.

7. Double click the "update To.bat" file.

The command prompt screen is appeared.

C:\WINDOWS\system32\cmd.exe

Please input drive letter of SD card [a - x]: g

8. Enter the name of the drive in which the SD card is located, and then press ENTER twice.

C:\WINDOWS\system32\cmd.exe

Extracting g: \sdk\67633664\webprint\help\ja\1600.html
 Extracting g: \sdk\67633664\webprint\help\ja\2000.html
 Extracting g: \sdk\67633664\webprint\help\ja\2100.html
 Extracting g: \sdk\67633664\webprint\help\ja\2200.html
 Extracting g: \sdk\67633664\webprint\help\ja\2300.html

Reissued: 27-Sep-10

Model: Be-C1

Date: 10-Sep-10

No.: RD046027b

Note: If the wrong drive name is entered and an error occurs, the firmware update will automatically be cancelled.

9. Wait for the machine to complete the firmware upgrade.

Note: With a USB2.0 connection, this should take approximately 3-5 minutes.

10. After the firmware has been upgraded, press the ENTER key to complete the process.

11. When the access lamp on the SD card writer turns off, remove the SD card from the SD card writer.

12. Insert the SD card into Slot 2.

13. Turn ON the machine main power.

14. Access UP mode and confirm that the firmware has been successfully upgraded.

Reissued: 26-Jan-12

Model: Be-C1/Be-C1.5	Date: 05-Nov-10	No.: RD046028c
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RTB Reissue

The items in bold italics have been corrected.

Subject: Firmware Release Note: Java VM v4		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect.,PP 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 **Java VM v4**.

Version	Program No.	Effective Date	Availability of RFU
4.25.07	<i>D5685765D_upd</i>	<i>November 2011 production</i>	<i>Not available</i>
4.24.03	D5685765C_upd	June 2011 production	Not available
4.23.00	D5685765B_upd	December 2010 production	Not available
4.22.03	D5685765A_upd	October 2010 production	Not available
4.21.05	-	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
4.25.07	<p><i>Symptom corrected:</i></p> <ol style="list-style-type: none"> <i>SDK/J starting logo screen does not change.</i> <i>Vulnerability to the re-negotiation of SSL/TLS.</i> <i>Other minor bugs corrections.</i> <p><i>Other changes:</i></p> <ol style="list-style-type: none"> <i>Kerberos certification corresponding to RC4-HMAC code form.</i> <i>Support for Model Be-C1.5 (D154)</i>
4.24.03	<p>Symptom corrected:</p> <ol style="list-style-type: none"> Remote Manager v2 may not be able to communicate with the device if it takes more than 1 minute to assign the device an IP address via DHCP. Users are not logged out after pressing the "Logout" button on the "User Tools" screen when using CAP with basic authentication. If a user was logged in when the On/Off button is used to turn the device off, the "Cannot Logout" message is displayed the next time the On/Off button is used to turn the device on. The message is displayed even though the user has been logged out. An SSL connection cannot be established if a x509 certificate is used but contains a "CRL Distribution Point". <p>Other changes: Support for eDC-i1.2 and Remote Install Manager V1.1 was added.</p>

Reissued: 26-Jan-12

Model: Be-C1/Be-C1.5		Date: 05-Nov-10	No.: RD046028c
Version	Modified Points or Symptom Corrected		
4.22.03	Fixed: <ol style="list-style-type: none">1. The SDK application may not load after turning the device on.2. The JavaVM would not update the DNS server address after the initial cache, which could eventually prevent the SDK application and DNS server from communicating. Note: This issue does not affect the device's ability to communicate with the DNS server.		
4.21.05	1st Mass production		

Model: Be-C1 (USA only)		Date: 26-Nov-10	No.: RD046029
Subject: Mercury Decal		Prepared by: H.K.	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" 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 type="checkbox"/> Other ()	<input type="checkbox"/> Tier 2

This RTB applies to the **NA market only**.

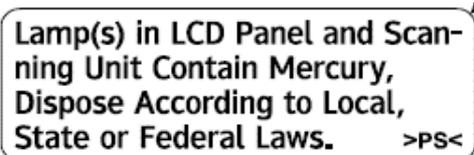
OVERVIEW

- Some machines were shipped to the field without the decal shown below, which indicates that certain machine components contain mercury. This decal is required in several states in the U.S., including Vermont.
- The following action is necessary for all target machines (details below), since it is possible for any machine to be moved to one of these states.

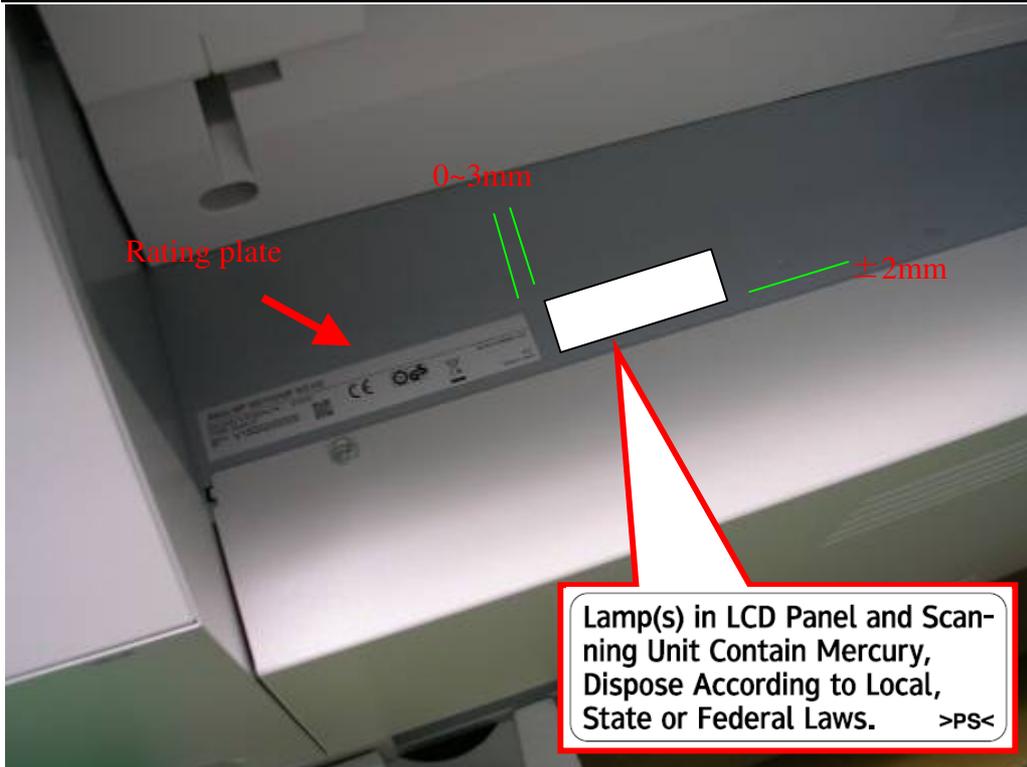
ACTION IN THE FIELD

At the next service visit, attach the following decal (specific area shown below) to all machines except those that are listed on the next page.

Part Number	Description
G1789910	DECAL:VERMONT:2



Model: Be-C1 (USA only)	Date: 26-Nov-10	No.: RD046029
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Important: Clean the attachment surface with alcohol before you attach the label.

Machines on which the decal has already been attached

The decal **does not** need to be attached to the following machines.

- The decal has already been attached to the following machines from February 2010 production:

D046-17 V16002xxxxx

D049-17 V17002xxxxx

- The decal has **already been attached** to the following machines, which were reworked before being released to the field:

No	Machine code	Serial Numbers	Number of reworked units
1	D046-17	V1691200028; 030; 033; 035; 037; 039; 043; 044, 055; 056; 060 ~ 067; 069; 070; 071 V1600100001 ~ 018	39
2	D049-17	V1791000002; 004; 006; 009 ~ 014	9

Reissued: 16-Dec-10

Model: Be-C1	Date: 10-Dec-10	No.: RD046030a
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RTB Reissue

The illustration of step 9 has been corrected.

Subject: SP2 release note for Printer Controller RW-7140		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 ()	

This is a release note for Printer Controller RW-7140.

***** PlotClient HDI for PLOTBASE Version 5.5SP1 (5.5.183) *****

This is an update for PlotClient HDI to support AutoCAD2010 - 2011.

Note:

1. PLOTBASE version 5.5.091 or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to Control Panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to Control Panel and open "AutoDesk Plotter Manager".
4. Delete all RW-7140 pc3 drivers.

Name	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFx ePlot (XPS Compatible)...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Reissued: 16-Dec-10

Model: Be-C1	Date: 10-Dec-10	No.: RD046030a
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5. Go to your directory containing the update (RW-7140 PlotClient HDI).

There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

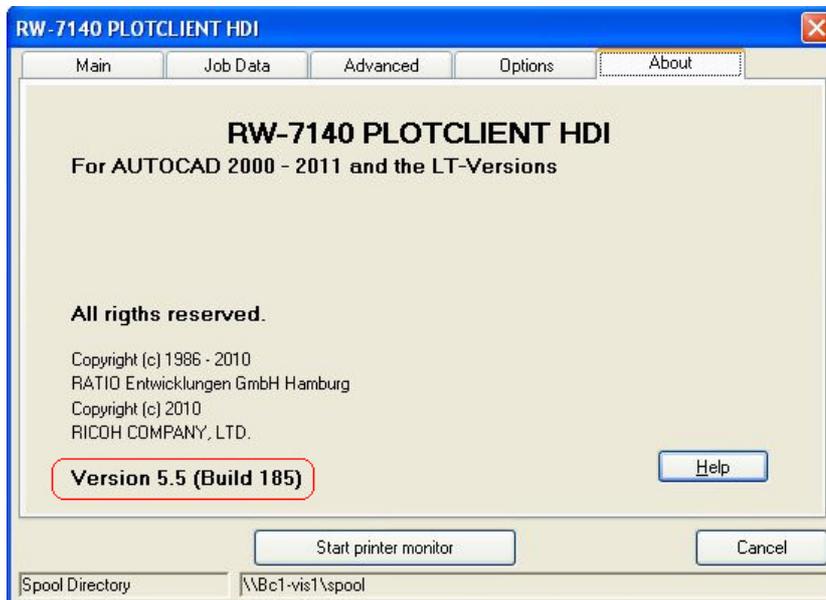
You are working with AutoCAD2011 on a computer which has Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute the correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files, please refer to the RW-7140 client manual, chapter “PlotClient ADI/HDI”.

9. Final check

After the installation, the version number of PlotClient HDI as shown below should appear in the “About” tab of Plotclient HDI when you print any sample file with AutoCAD2011 or other supported AutoCAD products.



10. Reboot

We recommend that you reboot your Plotbase computer, even though this is generally not necessary.

Reissued: 16-Dec-10

Model: Be-C1

Date: 10-Dec-10

No.: RD046030a

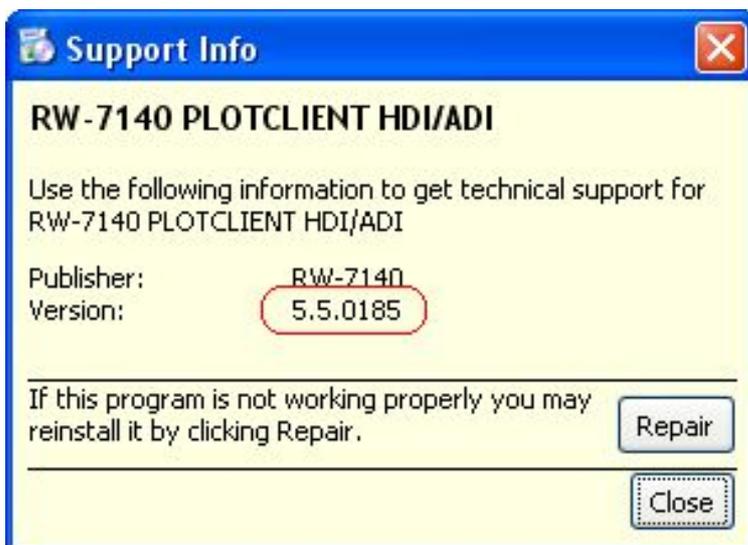
Note:

The Version Number of Plotclient HDI in this release has a small error in the support information.

Look at the version number after doing following steps:

1. Go to Control Panel and open "Add or remove software"
2. Select RW-7140 Plotclient HDI and click on "Support information",

You can find that the version number "5.5.185" is displayed as "5.5.0185".



Model: Be-C1		Date: 28-Jun-11	No.: RD046031
Subject: Printer Bit Switch		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec. 2nd PQM 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 ()	<input checked="" type="checkbox"/> Tier 2

Service Manual Revision

Add the description shown **in bold** below.

Appendices: 2. SP Mode Tables > Printer, Scanner SP Tables > Printer Service Mode

1001	Bit Switch		
006	Bit Switch 6	0	1
	bit 0	Forced printing	Disable Enable
If enabled, the image will be printed regardless of whether the specified roller is of the correct size paper or not. This is similar to "Form Feed" on a standard printer. The default is enabled.			
	bit 7	Timing of the PJL Status ReadBack (JOB END) when printing multiple collated copies.	Disable Enable
<p>This bit switch determines the timing of the PJL USTATUS JOB END sent when multiple collated copies are being printed.</p> <p>0 (default): JOB END is sent by the device to the client after the first copy has completed printing. This causes the page counter to be incremented after the first copy and then again at the end of the job.</p> <p>1: JOB END is sent by the device to the client after the last copy has finished printing. This causes the page counter to be incremented at the end of each job.</p>			

Reissued: 26-Jan-12

Model: Be-C1/Be-C1.5	Date: 20-Jul-11	No.: RD046032a
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Subject: Firmware Release Note: (Java VM v4 for eDC)		Prepared by: F.Noguchi	
From: 2nd PP Tech Service Sect.,PP 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 **Java VM v4 for eDC**.

Version	Program No.	Effective Date	Availability of RFU
4.25.07	D5685765D_edc	November 2011 production	Not available
4.24.03	D5685765C_edc	June 2011 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
4.25.07	<p><i>*This module is for Remote Install Manager and updating Java VM.</i></p> <p><i>Symptom corrected:</i></p> <ol style="list-style-type: none"> <i>1. SDK/J starting logo screen does not change.</i> <i>2. Vulnerability to the re-negotiation of SSL/TLS.</i> <i>3. Other minor bug corrections.</i> <p><i>Other changes:</i></p> <ol style="list-style-type: none"> <i>1. Kerberos certification corresponding to RC4-HMAC code form.</i> <i>2. Support for Model Be-C1.5 (D154)</i>
4.24.03	Initial release

Model: Be-C1		Date: 29-Sep-11	No.: RD046033
Subject: PlotClient HDI for Printer Controller RW-7140		Prepared by: F.Noguchi	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-7140.

***** PlotClient HDI for PLOTBASE Version 5.5SP1 (5.5.183) *****

This is an update for PlotClient HDI to support AutoCAD2012.

Note:

1. PLOTBASE version 5.5.091 or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open "Add/remove software".
2. Uninstall the PlotClient HDI.
3. Go to control panel and open "AutoDesk Plotter Manager".
4. Delete all RW-7140 pc3 drivers.

Name	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFX ePlot (XPS Compatible),...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Model: Be-C1	Date: 29-Sep-11	No.: RD046033
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5. Go to your directory containing the update (RW-7140 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

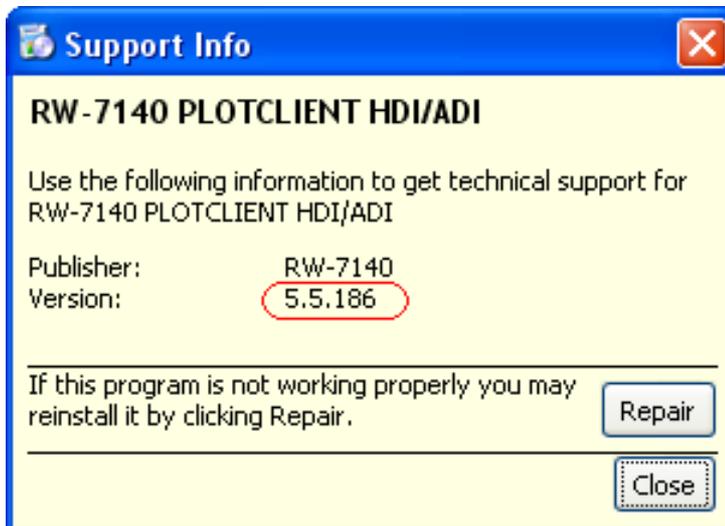
You are working with AutoCAD2012 on a computer, which has installed Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files please refer to RW-7140 client manual, chapter “PloteClient ADI/HDI”.

9. Final check

- 1) Go to control panel and open “Add or remove software”
- 2) Select RW-7140 Plotclient HDI and click on “Support information”,
You can find that the version number “5.5.186” is displayed as “5.5.0186”.



10. Reboot

We recommended to reboot your Plotbase computer, even though this is generally not necessary.

Model: Be-C1		Date: 10-Apr-13	No.: RD046034
Subject: PlotClient HDI for Printer Controller RW-7140		Prepared by: F.Noguchi	
From: 2nd Tech Service Sect., PP 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 type="checkbox"/> Other ()	

This is a release note for Printer Controller RW-7140.

***** PlotClient HDI for PLOTBASE Version 5.5SP1 (5.5.183) *****

This is an update for PlotClient HDI to support AutoCAD2013.

Note:

1. PLOTBASE version 5.5.091 or earlier does not require this update.
2. Supported OS
 Windows XP SP3
 Windows Vista SP2

PlotClient HDI Installation Procedure:

Before updating the PlotClient HDI, please make sure that all running applications are closed on your Plotbase computer.

1. Go to control panel and open “Add/remove software”.
2. Uninstall the PlotClient HDI.
3. Go to control panel and open “AutoDesk Plotter Manager”.
4. Delete all RW-7140 pc3 drivers.

Name ▲	Size	Date Modified
Plot Styles		10/18/2010 4:45 AM
PMP Files		10/18/2010 4:45 AM
Add-A-Plotter Wizard	1 KB	10/18/2010 4:42 AM
Default Windows System Print...	2 KB	3/3/2003 7:36 PM
DWF6 ePlot.pc3	5 KB	7/29/2004 3:14 AM
DWFx ePlot (XPS Compatible)...	5 KB	6/21/2007 10:17 AM
DWG To PDF.pc3	2 KB	10/23/2008 9:32 AM
PublishToWeb JPG.pc3	1 KB	12/7/1999 8:53 PM
PublishToWeb PNG.pc3	1 KB	11/21/2000 11:18 PM
RW-240 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-480 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:45 AM
RW-3600 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:44 AM
RW-7140 PLOTCLIENT HDI.pc3	2 KB	11/5/2010 5:46 AM

Model: Be-C1	Date: 10-Apr-13	No.: RD046034
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5. Go to your directory containing the update (RW-7140 PlotClient HDI).
There are different versions for 32-bit OS and 64-bit OS. Please use the correct one according to the OS of your computer.

Example:

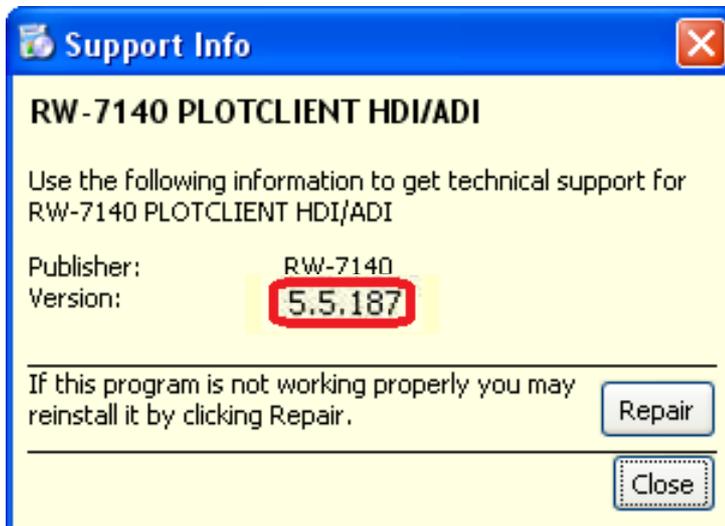
You are working with AutoCAD2013 on a computer, which has installed Windows XP x64 (64 bit Version). Then you should use the setup.exe from the x64 directory.

6. Execute correct setup.exe.
7. Follow the instructions with “Next” and “Install”.
8. Install the updated PC3 files.

For reinstallation of the PC3 files please refer to RW-7140 client manual, chapter “PloteClient ADI/HDI”.

9. Final check

- 1) Go to control panel and open “Add or remove software”
- 2) Select RW-7140 Plotclient HDI and click on “Support information”,
You can find that the version number “5.5.187” is displayed as “5.5.187”.



10. Reboot

We recommended to reboot your Plotbase computer, even though this is generally not necessary.

Model: Model BE-C1/C1.5		Date: 24-Feb-14	No.: RD046035
Subject: Memory increased to 2GB		Prepared by: Y Kurohashi	
From: PP Technical Service Dept 2nd PP Technical Service Sect			
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 ()	<input type="checkbox"/> Tier 2

Change/Reason:

Memory capacity was increased from 1GB to 2 GB in accordance with the upgrade to Energy Star Version 2.0.

Cut-in S/N

Model	Region	Product code	S/N
BE-C1a	EU	D04627	V1640100001
BE-C1b	EU	D04927	V1740100001
BE-C1.5a	NA	D15417	W814G100001
BE-C1.5b	NA	D15517	W824G100001

Note

- The additional 1GB memory (included as an accessory to the Scanner Option Type W7140) does not have to be installed on units of the above cut-in s/n to use the scanning function.
- The procedure described in the following section of the field service manual does not have to be performed for the units of the above cut-in s/n:

Steps 6 and 7 of “Scanner Option Type W7140”

Model: Model BE-C1/C1.5

Date: 24-Feb-14

No.: RD046035

6. Remove the controller box cover.



d397i002

7. Insert the memory unit in the open slot on the controller board.

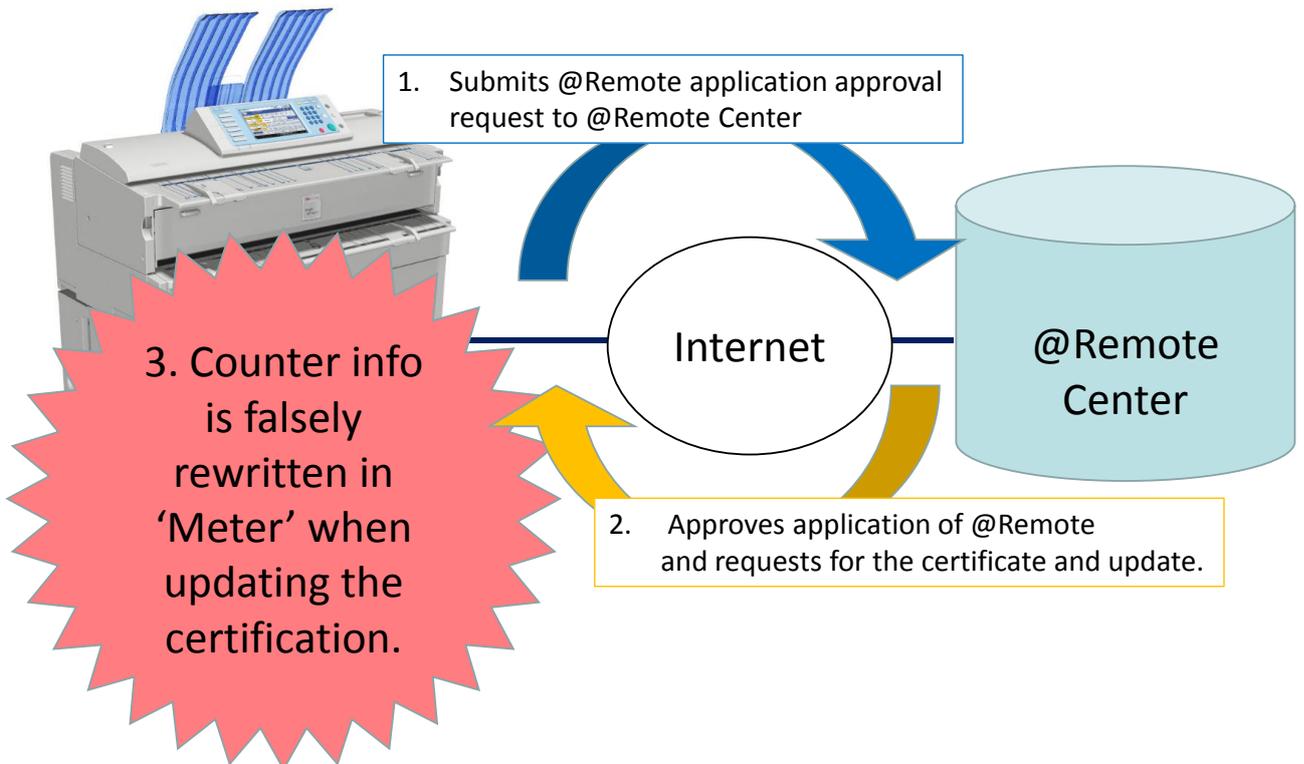
Model: Mo-C1,Be-C1,Be-C1.5,N-C3		Date: 1-Aug-14	No.: RD046036
Subject: Accounting counter problem on @Remote embedded machines		Prepared by: Y.Kurohashi	
From: 2nd Tech Service sect, PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input checked="" type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

SYMPTOM

Accounting counter SP5045-002 is falsely rewritten as “0: meters” when devices are connected to @Remote center via Embedded @Remote to update the certificate information. This causes a discrepancy between the customer’s service contract and the accounting counter setting.

The problem may occur in either of the following conditions:

- When initially setting up the embedded @Remote
- When re-attempting to approve @Remote application after failing to connect to @Remote (* This condition applies only to MPCW2200.)



CAUSE

A software bug

Model: Mo-C1,Be-C1,Be-C1.5,N-C3	Date: 1-Aug-14	No.: RD046036
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SOLUTION

Production line:

The bug was fixed in the following firmware.

Firmware	Model	P/N	Version
System/ Copy	MPCW2200	D1245743F	Ver.1.05
	MPW7140 MPW5100	D0465749D	Ver.3.04
	MPW7140en MPW5100en	D1545749C	Ver.1.04
	MPW3601 MPW2401	D0935605G	Ver.3.07

P/N of the controller board

Model	Code	P/N	
MPCW2200SP	D124-17 D124-57	D1245211	
	D124-27 D124-67		
	D046-17		D0465280
	D046-27		
D049-17			
D049-27			
MP W5100	D154-17	D1545280	
MP W7140	D155-17		
MP W5100en	D093-21	D0935640	
MP W7140en	D093-27		
MP W2401	D094-17		
MP W3601	D094-21		
	D094-27		

Model: Mo-C1,Be-C1,Be-C1.5,N-C3	Date: 1-Aug-14	No.: RD046036
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Cut-in S/N

Model	Code	S/N
MPCW2200SP	D124-17 D124-57	E084Q510077~
	D124-27 D124-67	E084Q630001~
MP W5100	D046-17	Discontinued
	D046-27	V1640600004~
MP W7140	D049-17	Discontinued
	D049-27	V1740700001~
MP W5100en	D154-17	W814G600012~
MP W7140en	D155-17	W824G700001~
MP W2401	D093-21	W1140600050~
	D093-27	W1140600042~
MP W3601	D094-17	W1240600049~
	D094-21	W1240700001~
	D094-27	W1240700001~

Model: Mo-C1,Be-C1,Be-C1.5,N-C3	Date: 1-Aug-14	No.: RD046036
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In the field:

1. Contact your sales staff and obtain details of your customer’s service contract (click, annual service, price, etc.) and check if the contract corresponds with the accounting counter setting on the device (SP5045-002).
2. To correct the counter setting or to prevent future problems, perform the necessary actions by referring to the table below.

@Remote	Counter setting (SP5045-002)	Is counter setting corresponding with the contract?	Affected model	Actions
Embedded	"0" (meters)	Yes	ALL	Update the firmware on the next service visit.
		No	ALL	<ul style="list-style-type: none"> · Provide explanation of the problem to the customer and update the firmware. · Change the accounting counter setting SP5045-002 from "0 (meters)" to the unit of measurement according to your customer’s contract. · Connect to @Remote and confirm that the value in SP5045-002 remains corrected.
	Other than "0" (meters)	Yes	MPCW2200	Visit the customer site as soon as possible and update the firmware. (See NOTE below.)
			MPW7140/en MPW5100/en MPW3601 MPW2401	Update the firmware on the next service visit.
	No	ALL	Check if the accounting counter setting is correct. Make correction, if necessary.	
External or no @Remote	-	-	-	Update the firmware on the next service visit.

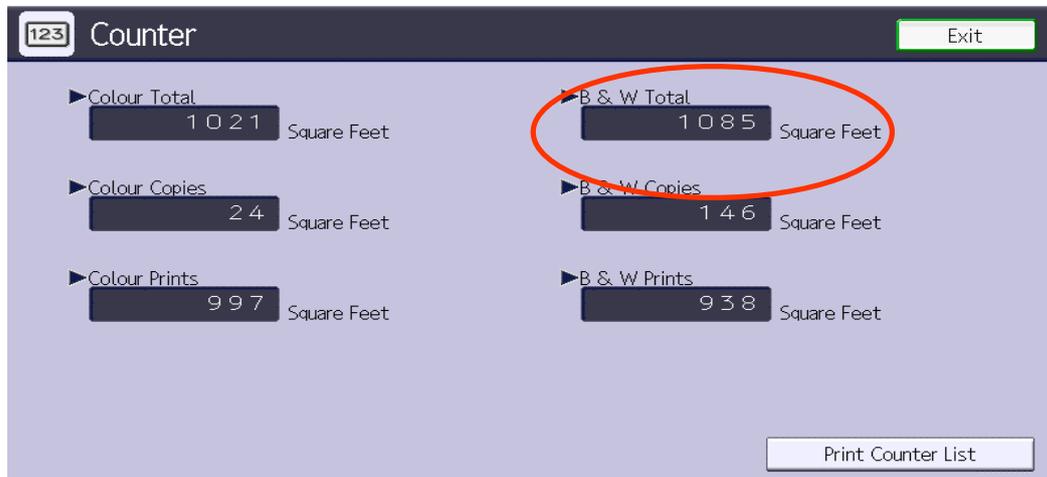
NOTE: For MPCW2200 the problem occurrence condition is not limited to the initial setup of @Remote and occurs even when connected to @Remote.

Model: Mo-C1,Be-C1,Be-C1.5,N-C3	Date: 1-Aug-14	No.: RD046036
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Example: Click charge contract in "5: square feet"

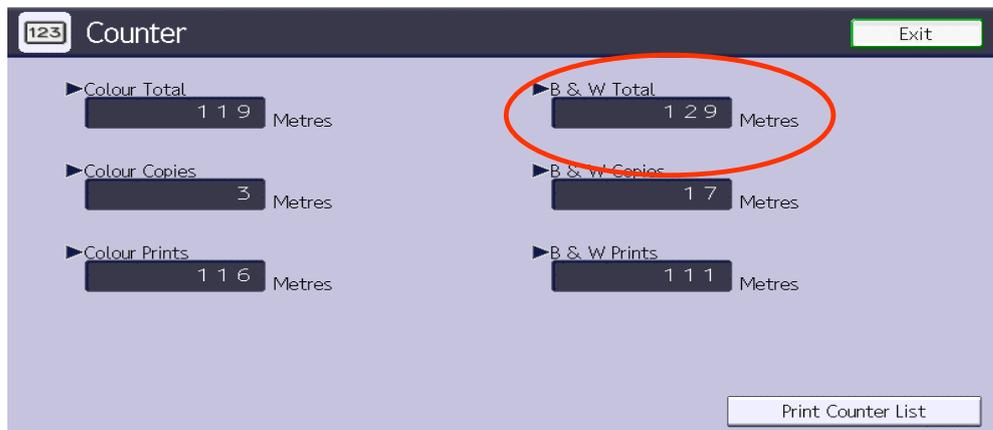
Correct status (before SP5045-002 is falsely rewritten in meters)

B&W Total counter indicates the total print volume of the month as 1085 square feet.



Incorrect status (after SP5045-002 is falsely rewritten in meters)

The B&W Total counter unit indicates the total print volume of the month as 129 meters.



Click worth 956 square feet (1085-129) is not charged to your customer. This is because data sent from @Remote disregards unit of measure.

	Correct status (Square feet)	Incorrect status (Meters)
On the operation panel	1085 square feet	129 meters
Click data sent by @Remote	1085	129