

Model: Lef-C1	Date: 29-Jan-16	No.: RD259006
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Subject: Firmware Release Note: RPCS		Prepared by: Y. Saitoh	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
3.18.26	D2055568A	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
3.18.26	1st Mass production

Model: Lef-C1	Date: 29-Jan-16	No.: RD259007
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Subject: Firmware Release Note: PS3		Prepared by: Y. Saitoh	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **PS3**.

Version	Program No.	Effective Date	Availability of RFU
1.00	D2055570A	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
1.00	1st Mass production

Model: Lef-C1	Date: 29-Jan-16	No.: RD259011
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Subject: Firmware Release Note: PowerSaving Sys		Prepared by: Y. Saitoh	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
F.27	D2595555	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
F.27	1st Mass production

Reissued: 10-Mar-17

Model: Lef-C1, GR-C2 SOP, MET-C2ab, MET-C2cde, MET-C2yz, MT-C6, Gim-MF1.5dM, Brz-MF1,CH-C2,Cor-C1.5,MET-P2,GR-C3, CH-C2Pro	Date: 29-Jan-16	No.: RD259013f
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RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release Note: BluetoothService for eDC		Prepared by: T. Tachibana
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)
		<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.02	<i>D2411465C_forEDC</i>	<i>February 2017 production</i>	<i>Not Available</i>
1.01	D2411465B_forEDC	April 2016 production	Not Available
1.0	D2411465A_forEDC	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
1.02	<i>Other changes:</i> <i>New Model Supported.</i>
1.01	Other changes: - New Model Supported. --- Symptom corrected: Preinstalled applications can be accidentally uninstalled from Web Image Monitor. Other changes: - Support for the MP 6503SP/MP 7503SP/MP 9003SP. - Support for the MP 402SPF.
1.0	1st Mass production

Reissued: 22-Dec-16

Model: Lef-C1	Date: 29-Jan-16	No.: RD259014a
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RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release Note: XPS		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.09	<i>D3B45738A</i>	<i>January 2017 production</i>	<i>Available</i>
1.08	D3B45738	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
1.09	<i>Symptom corrected:</i> - <i>An SC899 error might occur when graphics are drawn by the RGB Brush. (GFPR#RE15100026)</i>
1.08	1st Mass production

Reissued: 04-Aug-16

Model: Lef-C1	Date: 29-Jan-16	No.: RD259017a
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RTB Reissue

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

Subject: Firmware Release Note: Web Uapl		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<i>1.01</i>	<i>D2595561C</i>	<i>August 2016 production</i>	<i>Available</i>
1.00	D2595561B	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
<i>1.01</i>	<i>Symptom corrected:</i> <ul style="list-style-type: none"> - <i>Web Image Monitor might time out if the device is turned on and goes in and out of Energy Saver Mode 100 times before it is turned off.</i> - <i>Web Image Monitor might encounter a "404 Not Found" error when attempting to display a list of stored files from a link sent via email.</i>
1.00	1st Mass production

Reissued: 14-Nov-16

Model: Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/MT-C6/Brz-MF1/ GR-C2/Gim-MF1.5dM/ CH-C2/MET-P2/GR-C3	Date: 29-Jan-16	No.: RD259023d
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RTB Reissue

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

Subject: Firmware Release Note: StopKeyWidget for eDC		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.01	D2411436B_forEDC	June 2016 production	Not Available
1.00	D2411436A_forEDC	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
1.01	Symptom corrected: Applications can be uninstalled from Web Image Monitor. -- <i>New Model Supported</i>
1.00	1st Mass production

Reissued: 03-Oct-16

Model: Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/MT-C6/Brz-MF1/ GR-C2/Gim-MF1.5dM	Date: 29-Jan-16	No.: RD259025e
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RTB Reissue

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

Subject: Firmware Release Note: EcoInfoWidget for eDC		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<i>1.06</i>	<i>D2411437F_forEDC</i>	<i>October 2016 production</i>	<i>Not Available</i>
1.05	D2411437E_forEDC	August 2016 production	Not Available
1.04	D2411437D_forEDC	June 2016 production	Not Available
1.03	D2411437C_forEDC	May 2016 production	Not Available
1.02	D2411437B_forEDC	April 2016 production	Not Available
1.01	D2411437A_forEDC	1st Mass production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
<i>1.06</i>	<i>Minor change.</i>
1.05	Minor change.
1.04	Support for the MP 402SPF and MP C306ZSP/C406ZSPF
1.03	Symptom corrected: - Minor bug correction
1.02	Symptom corrected: Preinstalled applications can be accidentally uninstalled from Web Image Monitor.
1.01	1st Mass production

Reissued: 03-Oct-16

Model: Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/MT-C6/Brz-MF1/ GR-C2/Gim-MF1.5dM	Date: 29-Jan-16	No.: RD259026f
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RTB Reissue

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

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

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

Version	Program No.	Effective Date	Availability of RFU
<i>1.05</i>	<i>D2411434G_forEDC</i>	<i>October 2016 production</i>	<i>Not Available</i>
1.04	D2411434F_forEDC	June 2016 production	Not Available
1.03	D2411434E_forEDC	April 2016 production	Not Available
1.02	D2411434D_forEDC	April 2016 production	Not Available
1.01	D2411434C_forEDC	March 2016 production	Not Available
1.00	D2411434B_forEDC	1st Mass production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
<i>1.05</i>	<i>Symptom corrected: Remaining amount of toner displayed on the widget is incorrect.</i>
1.04	Symptom corrected: - Minor bug correction Other changes: Support for the MP C306ZSP/C406ZSPF. Support for the MP 402SPF.
1.03	Symptom corrected: - Preinstalled applications can be accidentally uninstalled from Web Image Monitor.
1.02	Other changes: Minor changes made to improve reliability.
1.01	Symptom Corrected: Several application names were incorrect.
1.00	1st Mass production

Reissued: 14-Nov-16

Model: Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/MT-C6/Brz-MF1/ GR-C2/Gim-MF1.5dM/ CH-C2/MET-P2/GR-C3	Date: 29-Jan-16	No.: RD259029e
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RTB Reissue

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

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

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

Version	Program No.	Effective Date	Availability of RFU
1.18	D2411438D_forEDC	June 2016 production	Not Available
1.17	D2411438C_forEDC	April 2016 production	Not Available
1.16	D2411438B_forEDC	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
1.18	Symptom corrected: - Minor bug correction -- <i>New Model Supported</i>
1.17	Other changes: Minor changes made to improve reliability.
1.16	1st Mass production

Reissued: 16-Dec-16

Model: Lef-C1/ Brz-MF1/CH-C2/Cor-C1.5/ Gim-MF1.5dM/ GR-C2/GR-C3/MT-C6/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2	Date: 29-Jan-16	No.: RD259032i
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RTB Reissue

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

Subject: Firmware Release Note: QRCodeforSDC for eDC		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
2.1.2	D2411453F_forEDC	<i>January 2017 production</i>	Not Available
2.1.1	D2411453E_forEDC	July 2016 production	Not Available
2.1.0	D2411453D_forEDC	May 2016 production	Not Available
2.0.1	D2411453C_forEDC	February 2016 production	Not Available
2.0.0	D2411453B_forEDC	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
2.1.2	<p><i>Other changes:</i></p> <ul style="list-style-type: none"> - <i>New Model Supported.</i> <p>Symptom corrected:</p> <ul style="list-style-type: none"> - The QR code application quits when opening the settings in Taiwanese models. <p>On the Griffin-C2_ch, before installing an application or updating to a new version, the CheetahSystem firmware needs to be updated to v1.09 D2411420K) or later.</p>
2.1.1	<p>Symptom corrected:</p> <p>When Smart Device Connector is installed, it takes a shorter amount of time for the device to start up.</p>
2.1.0	<p>Symptom corrected:</p> <p>Applications can be uninstalled from Web Image Monitor.</p> <p>Other changes:</p> <ul style="list-style-type: none"> - If Smart Device Connector has not been installed on the device, when the smart device reads the QR code on the Smart Operation Panel, the screen will navigate to the Smart Device Connector website. - Support for the MP 6503SP/MP 7503SP/MP 9003SP, MP 402SPF and MP C306ZSP/C406ZSPF. - Before installing or updating an application, the CheetahSystem firmware needs to be updated to v1.09 (D2411420K) or later.

Reissued: 16-Dec-16

Model: Lef-C1/ Brz-MF1/CH-C2/Cor-C1.5/ Gim-MF1.5dM/ GR-C2/GR-C3/MT-C6/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2	Date: 29-Jan-16	No.: RD259032i
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Version	Modified Points or Symptom Corrected
2.0.1	Other changes: Minor changes made to improve reliability. --- 1st mass production for Mo-C2 --- Symptom Corrected: Some of the wording in English was incorrect. Other changes: Support for Bluetooth Low Energy in Smart Device Connector.
2.0.0	1st Mass production

Reissued: 17-Nov-16

Model: Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/MT-C6/Brz-MF1/ GR-C2/Gim-MF1.5dM/ MET-P2/CH-C2/GR-C3	Date: 29-Jan-16	No.: RD259034h
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RTB Reissue

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

Subject: Firmware Release Note: LanguageWidget for eDC		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<i>1.06</i>	<i>D2411431H_forEDC</i>	<i>December 2016 production</i>	<i>Not Available</i>
1.05	D2411431G_forEDC	October 2016 production	Not Available
1.04	D2411431F_forEDC	August 2016 production	Not Available
1.03	D2411431E_forEDC	June 2016 production	Not Available
1.02	D2411431D_forEDC	April 2016 production	Not Available
1.01	D2411431C_forEDC	March 2016 production	Not Available
1.00	D2411431B_forEDC	1st Mass production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
<i>1.06</i>	<i>Minor change.</i>
1.05	Minor change.
1.04	Minor change.
1.03	Symptom corrected: Applications can be uninstalled from Web Image Monitor. Other changes: Support for the MP C306ZSP/C406ZSPF. Support for the MP 402SPF. Support for the MP 6503SP/MP 7503SP/MP 9003SP.
1.02	Symptom corrected: Minor bug correction.
1.01	Symptom Corrected: Several application names were incorrect.
1.00	1st Mass production

Model: Cor-C1/Cor-C1_SOP/Gim-MF1d/ Gim-MF1dM/GR-C2/GR-C2_SOP/ Lef-C1/OR-C2/OR-C2_SOP		Date: 21-Jan-16	No.: RD184064
Subject: Firmware Release Note: PCL Font		Prepared by: J. Kitagawa	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.14	M1095273	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
1.14	1st Mass production

Model: Cor-C1/Cor-C1_SOP/Gim-MF1d/Gim-MF1dM/ GR-C2/GR-C2_SOP/Lef-C1/MET-C1ab/MET -C1ab_SOP/ MET -C1k/ MET -C1yz/ MET -C1yz_SOP/OR-C2/OR-C2_SOP		Date: 29-Jan-16	No.: RD184065
Subject: Firmware Release Note: Font EXP		Prepared by: J. Kitagawa	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.00	D1475581	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
1.00	1st Mass production

Reissued: 19-Jan-17

Model: Lef-C1/Brz-MF1/ CH-C2/CH-C2 Pro/Cor-C1.5/ Gim-MF1.5dM/GR-C2/GR-C3/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2/ MT-C6	Date: 08-Feb-16	No.: RD259038g
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RTB Reissue

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

Subject: Firmware Release Note: QuickCardAuth for eDC		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<i>2.12.04</i>	<i>D2411468A_forEDC</i>	<i>January 2017 production</i>	<i>Not Available</i>
2.12.01	D2411468_forEDC	June 2016 production	Not Available
2.01.25	D2411451F_forEDC	April 2016 production	Not Available
2.01.24	D2411451E_forEDC	April 2016 production	Not Available
2.01.22	D2411451D_forEDC	March 2016 production	Not Available
2.01.20	D2411451C_forEDC	1st Mass production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
<i>2.12.04</i>	<i>Specification Change</i> - <i>Modified the API to adhere to the Talkback accessibility function in Android OS for visually impaired people.</i>
2.12.01	Additional model information: - New Model Supported. Symptom corrected: - Applications can be uninstalled from Web Image Monitor. Before installing or updating an application, the CheetahSystem firmware needs to be updated to v1.09 (D2411420K) or later.
2.01.25	Symptom corrected: - Applications can be uninstalled from Web Image Monitor.
2.01.24	Symptom Corrected: When using Quick Card Authentication: - Even if the card reader setting in Screen Features is disabled, the login screen for the card is still displayed. - If logging in to Web Image Monitor fails, a message stating that the login failed is displayed on the operation panel even though the operation panel is not being used.
2.01.22	Symptom Corrected: Some of the words are incorrect in several languages.

Reissued: 19-Jan-17

Model: Lef-C1/Brz-MF1/ CH-C2/CH-C2 Pro/Cor-C1.5/ Gim-MF1.5dM/GR-C2/GR-C3/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2/ MT-C6		Date: 08-Feb-16	No.: RD259038g
Version	Modified Points or Symptom Corrected		
2.01.20	1st Mass production Symptom Corrected: - Some of the wording in English was incorrect. Other Changes: - Modified the login message in Quick Card Authentication.		

Reissued : 7-Apr-16

Model: Lef-C1	Date: 8-Feb-16	No.: RD259039a
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RTB Reissue

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

Subject: Notice regarding correct Fusing Jam removal procedure		Prepared by: Y.Saitoh	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input checked="" 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

IMPORTANT Notice on Fusing Jam Removal

Machine operators may falsely press down the pressure lever (circled in red in the photo below) of the fusing unit instead of pulling down the guide plate [C], to remove a paper jam.

In this case, the spring on the lever comes off and locks the lever in the down position. Poor fusing is the end result, because pressure is not applied when the paper passes through the nip of the fusing unit.



CAUSE

The right cover can be closed and printing is possible even when the pressure lever is locked in the down position.

Reissued : 7-Apr-16

Model: Lef-C1

Date: 8-Feb-16

No.: RD259039a

SOLUTIONProduction line:

The fusing unit will be modified to prevent the pressure lever from locking in the down position.

Modification schedule:

<i>Machine Code</i>	<i>Cut-in Serial Number</i>
<i>D25957</i>	<i>G586P300750~</i>
<i>D25967</i>	<i>G586P301039~</i>
<i>D25929</i>	<i>G586P301181~</i>
<i>D25927</i>	<i>G586P400001~</i>
<i>D25969</i>	<i>G586P401365~</i>

In the field:

- Instruct the machine operators NOT to press down the pressure lever but to simply open the guide plate [C] to remove fusing jams.
- If the spring on the pressure lever has been detached, correct it by referring to the procedure in the FSM.

Affected units

All units manufactured since 1st mass production

Reissued: 22-Feb-16

Model: Cor-C1/Cor-C1_SOP/GR-C2_SOP/ Lef-C1	Date: 05-Sep-14	No.: RD197027b
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RTB Reissue

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

Subject: Firmware Release Note: Data Erase Onb		Prepared by: T. Tachibana	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

Important Information about Normal/Smart Panel Firmware Updates

- When updating machine firmware, make sure **NOT** to install Smart Panel supported firmware on a machine with a normal operation panel (and vice-versa). If you do, the machine may not function as designed and product warranty may not apply.
- To avoid this, when updating the firmware, make sure that the numbers next to "NEW" and "ROM" are **the same** on the operation panel.
- If you install the wrong firmware, repeat the update procedure and check the numbers mentioned above.

This RTB has been issued to announce the firmware release information for the **Data Erase Onb**.

Version	Program No.	Effective Date	Availability of RFU
1.00	D2025556	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
1.00	1st Mass production

Reissued: 28-Mar-17

Model: Lef-C1	Date: 17-Feb-16	No.: RD259042b
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RTB Reissue

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

Subject: Firmware Release Note: RemoteFax		Prepared by: H. Morishima	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<i>03.00.00</i>	<i>D2595558D</i>	<i>April 2017 production</i>	<i>Available</i>
02.00.00	D2595558C	August 2016 production	Available
01.00.00	D2595558B	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
<i>03.00.00</i>	<i>Symptom corrected:</i> - <i>SC899 may occur when receiving IP FAX.</i>
02.00.00	Symptom Corrected: - SC899 may occur when making an entry in the address book using Speedoc.
01.00.00	1st Mass production

Model: Lef-C1		Date: 23-Feb-16	No.: RD259043
Subject: Updates of SOP 2 nd Generation on MP 305		Prepared by: Y.Fukuzaki	
From: 1st Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

The second generation of the Smart Operation Panel will be updated when the MP 305 is released. This RTB is to inform you of the corrections to the “Smart Operation Panel 2nd Generation Field Service Manual”.

1) Mechanism > Overview > Application Specifications

The following applications will be preinstalled as of the release of the MP 305 and will be backported to the MP C306/406:

Application	Functions
Bluetooth Service	Provides configurations for standard Bluetooth on the Android OS.
Bluetooth Authentication Plugin	Provides a device driver function to use Bluetooth authentication.

The following applications will be preinstalled as of the release of the MP 305:

Application	Functions
Copy	Copy application with a new UI.
Fax	Fax application with a new UI.
Scan	Scan application with a new UI.
Printer	Printer application with a new UI.
Quick Print Release	Ability to view and print stored documents.
Print/Scan(Memory Storage Device)	“Media print” and “Scan to Media” have been integrated into this application. The media device is recognized by the Smart Operation Panel, so it will be quicker than the conventional functions.

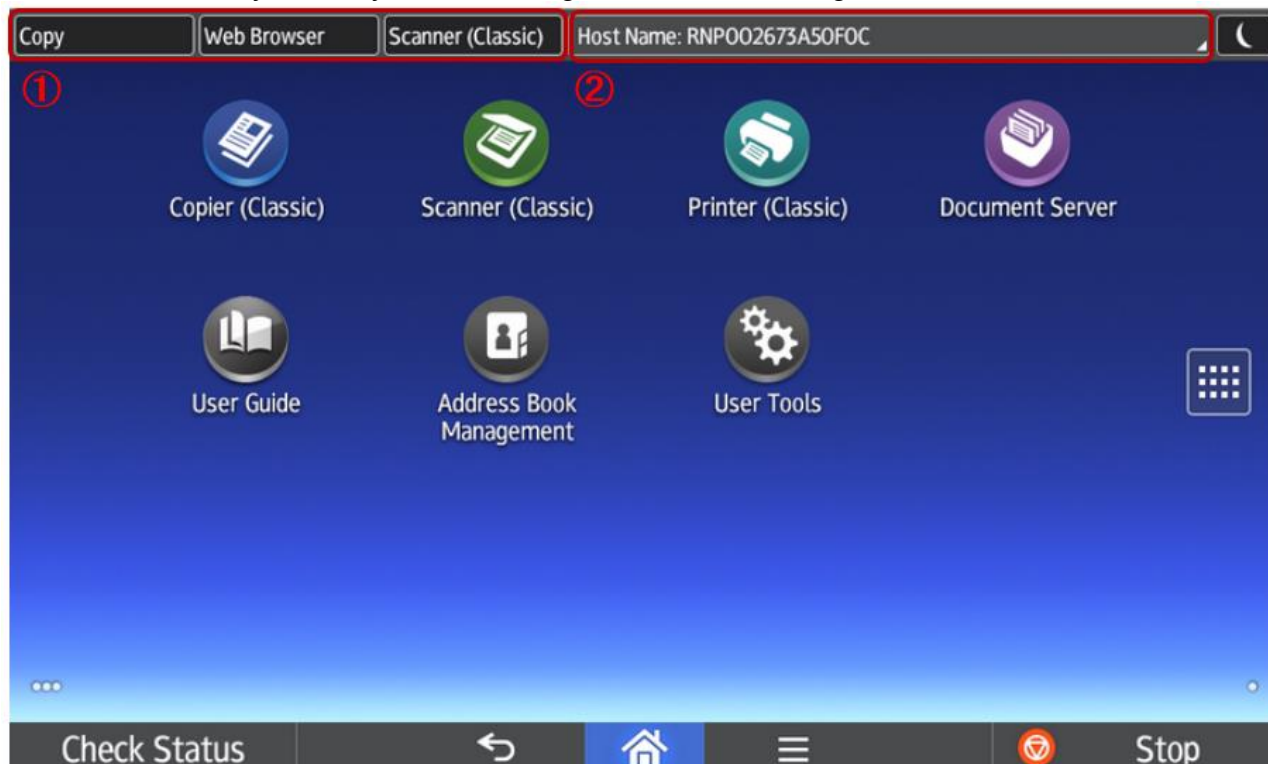
Model: Lef-C1

Date: 23-Feb-16

No.: RD259043

2) Mechanism > Overview > Panel display > Soft keys on the screen

The function keys and system messages have been integrated into the banner.

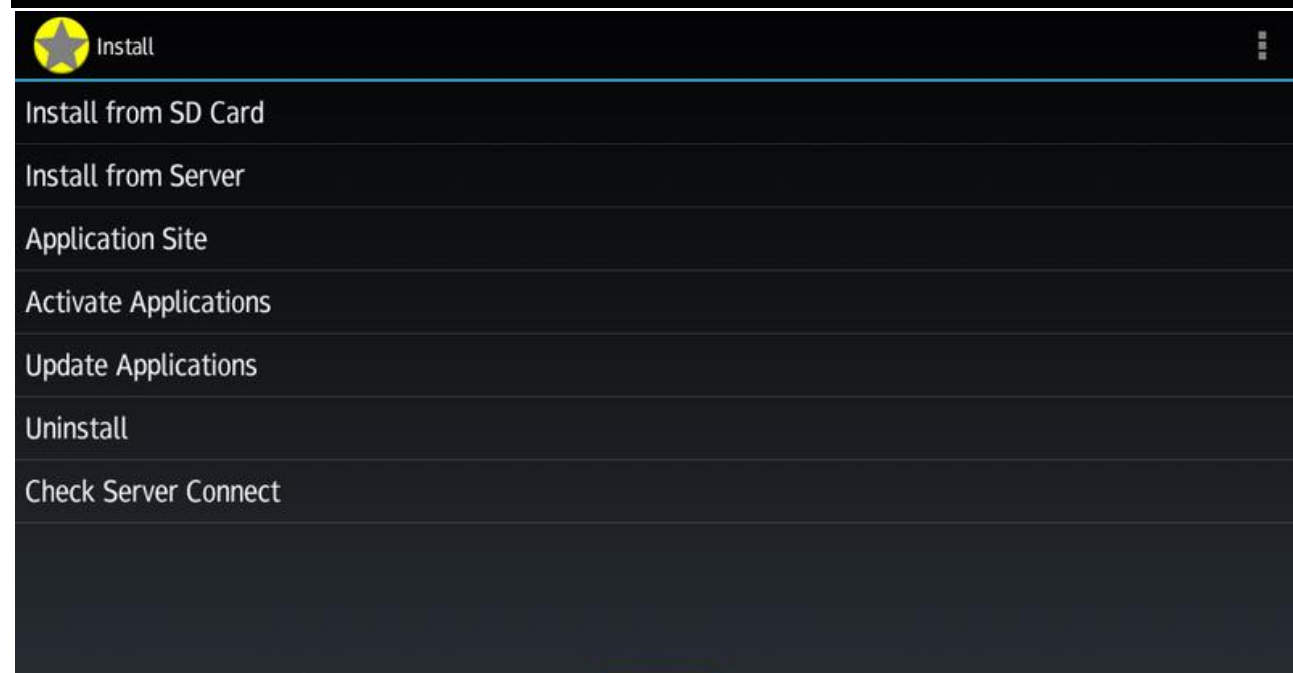


1	Function key	Users can assign shortcuts for each application. Up to three applications can be assigned as shortcuts. When an application is assigned as a function key, users can call the application from any screen. The function key is disabled by default. Users must first enable this function to be able to allocate applications to function keys.
2	System messages key	System messages are displayed in this area. Multiple messages can be displayed by tapping this area of the banner and scrolling.

3) System Maintenance > Software Update > Installation

“Application Site” has been added to Screen Service mode. Field engineers can start up the Application Site to install or update applications or firmware without needing user administrator credentials.

Model: Lef-C1	Date: 23-Feb-16	No.: RD259043
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This menu just opens the Application Site by using the Web Browser app. If the firmware version that is installed on the controller needs to be updated to use the Application Site, the Application Site cannot be accessed until that update is completed.

Reissued: 25-Feb-16

Model: MET-C1ab / ab_SOP, MET-C1yz / yz_SOP/GR-C2_SOP <i>Lef-C1</i>	Date: 18-Jun-13	No.: RD147025c
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RTB Reissue

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

Subject: Firmware Release Note: PS3 Font		Prepared by: Y. Ino	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

Important Information about Normal/Smart Panel Firmware Updates

- When updating machine firmware, make sure **NOT** to install Smart Panel supported firmware on a machine with a normal operation panel (and vice-versa). If you do, the machine may not function as designed and product warranty may not apply.
- To avoid this, when updating the firmware, make sure that the numbers next to "NEW" and "ROM" are **the same** on the operation panel.
- If you install the wrong firmware, repeat the update procedure and check the numbers mentioned above.

This RTB has been issued to announce the firmware release information for the **PS3 Font**.

Version	Program No.	Effective Date	Availability of RFU
1.11	D6415763A	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
1.11	1st Mass production

Reissued: 25-Feb-16

Model: MET-C1ab/ MET-C1cde/MET-C1yz/MET-C1yz_SOP/ Z-C2/Z-C2_SOP/ CH-C1 Office/OR-C2/Cor-C1/Cor-C1_SOP/K-C4 /Gim-MF1a/Gim-MF1b/Gim-MF1d/Gim-P1c/Gim-P1d/BR-C1/ Leo-C1/Leo-P1/Da-P1d/GR-C2_SOP/Lef-C1	Date: 13-Mar-14	No.: RD147059d
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RTB Reissue

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

Subject: Firmware Release Note: SD card for Fonts Type D		Prepared by: Y. Ino	
From: 1st Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

Important Information about Normal/Smart Panel Firmware Updates

- When updating machine firmware, make sure **NOT** to install Smart Panel supported firmware on a machine with a normal operation panel (and vice-versa). If you do, the machine may not function as designed and product warranty may not apply.
- To avoid this, when updating the firmware, make sure that the numbers next to "NEW" and "ROM" are **the same** on the operation panel.
- If you install the wrong firmware, repeat the update procedure and check the numbers mentioned above.

This RTB has been issued to announce the firmware release information for the **SD card for Fonts Type D**.

Version	Program No.	Effective Date	Availability of RFU
0.00	M1095277	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
0.00	1st Mass production

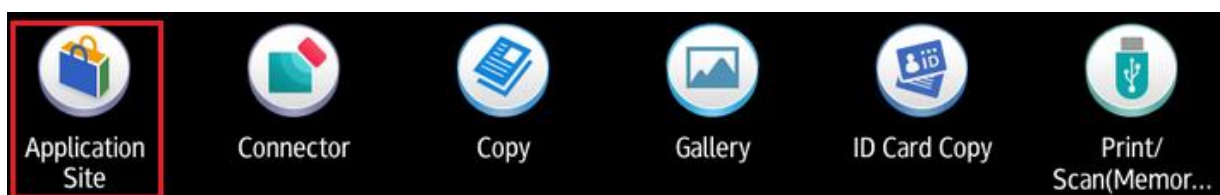
Model: Lef-C1		Date: 10-Mar-16	No.: RD259044
Subject: Notification about configuring Application Site		Prepared by:	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.		Yuji Fukuzaki	
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

This RTB is a notification about the network configuration for Application Site. Application Site has been implemented as of the Model Lef-C1. This notification affects the following models:

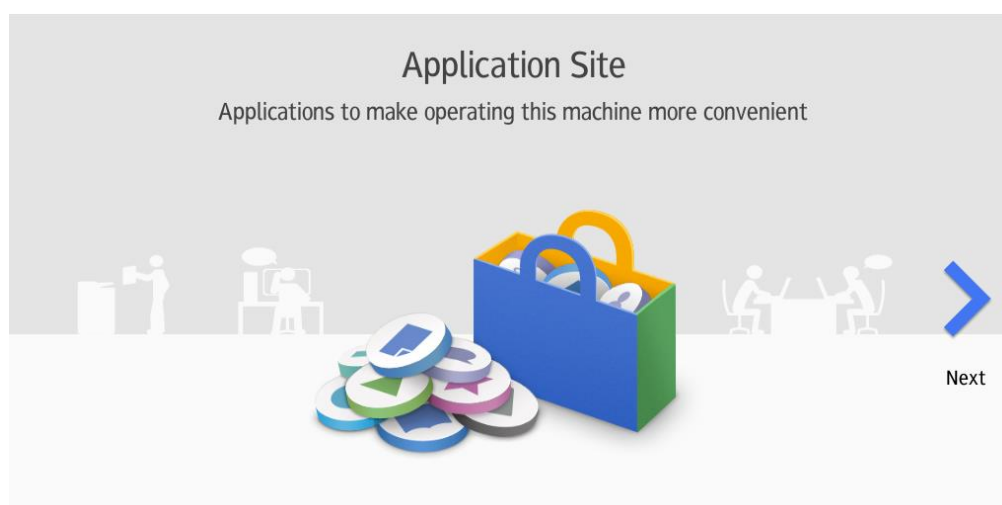
- Model Lef-C1 (D259)
- Model GR-C2ab* (D219/D220/D214/D196/D236)
- Model Mo-C2 (D262)

*Gr-C2 devices produced from March 2016 to May 2016 will also be affected.

Note: Application Site is an application delivery system for the Smart Operation Panel. Customers can install and update applications on their devices. In addition, if an application requires new firmware, customers can also update the device firmware on their own.



Note: The current Application Site only displays a splash screen until Application Site is officially published.



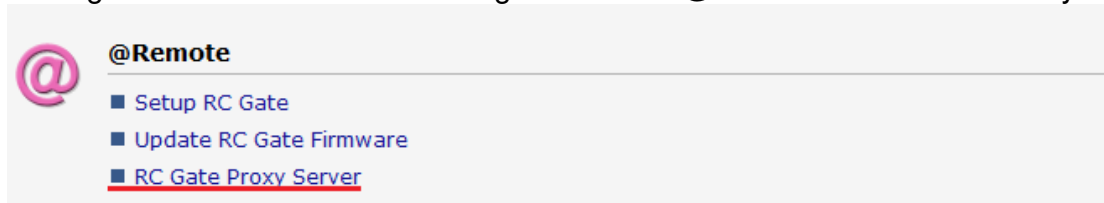
Model: Lef-C1

Date: 10-Mar-16

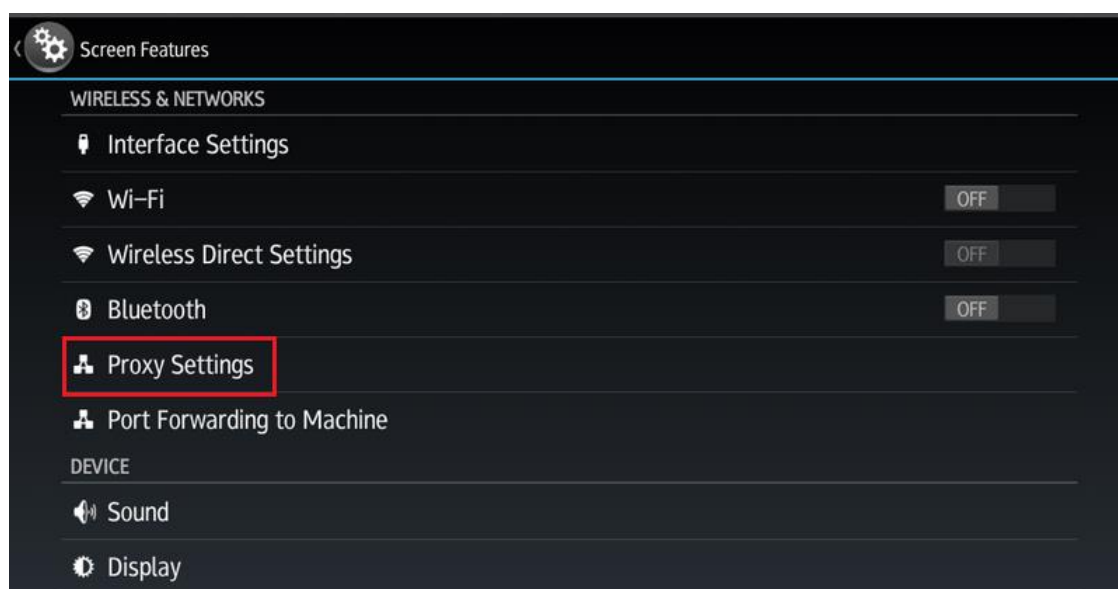
No.: RD259044

Notification to configure Application Site: Proxy settings need to be configured in the controller and Smart Operation Panel in environments that use a proxy server.

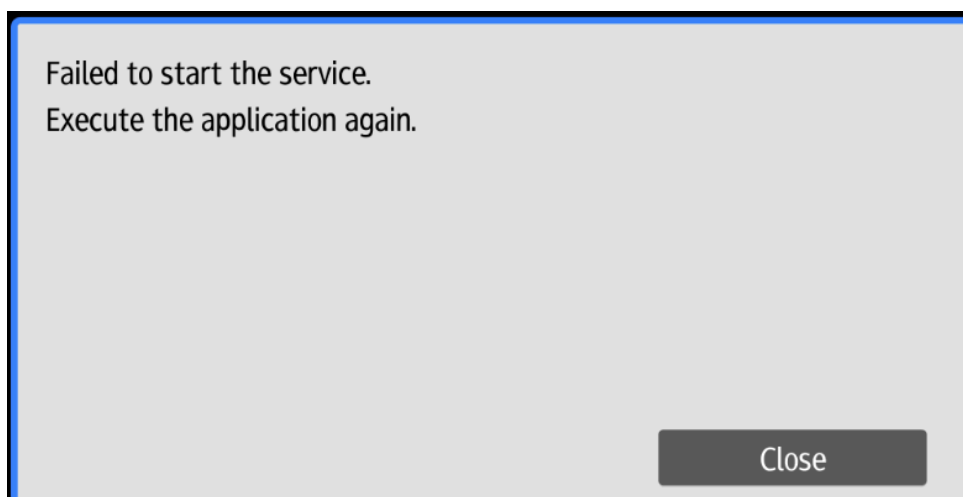
Proxy settings in the controller: Web Image Monitor > @Remote > RC Gate Proxy Server



Proxy settings in the Smart Operation Panel: User Tools > Screen Features > Proxy settings



What will happen if the proxy settings in the controller are not configured?: Zoo will fail to start up the service and the following error message will be displayed after tapping the Zoo icon:



Model: Lef-C1

Date: 10-Mar-16

No.: RD259044

Solution:

Customers should be able to configure Application Site on their own. To assist them in doing so, we will:

- Publish an errata sheet on the device's webpage in the middle of April.
- Add a section to the user manual that explains how to configure the proxy settings for Application Site.

Reference: The network information for Application Site

Application Site needs to access the following servers:

Servers	Purpose	URL
SERES	Checking for the latest version of the firmware and downloading it.	https://p-rfu-ds2.support.ricoh.com
eDC	Downloading applications.	https://support.ricoh.com https://e2-as1.support-download.com https://e2-cs2.support-download.com
Application site	Viewing the Application Site and downloading applications.	https://download.mlp.ricoh.com/appmarket https://hapi.start.ricoh.com/v1/discovery/appsite https://www.ricoh.co.jp/common/sitestratos/

* If a customer has security measures in place to not allow any of the conditions above, please ask them to configure their environment for Application Site to access the appropriate servers. The IP addresses are not mentioned above because there are multiple servers in various locations that are managed via load balancing to minimize downtime. Because of this, there is no static IP address.

Model: CheetahBusinessApplication/ Lef-C1/MET-C2ab/MET-C2cde/MET-C2yz/Mo-C2	Date: 13-May-16	No.: RM923010
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Subject: Firmware Release Note: JobHistory		Prepared by: Y. Fukuzaki	
From: Connectivity Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.0.0	D3CM5509_forEDC	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
1.0.0	Other changes: - 1st mass production - Initial release via the Application Site.

Reissued: 06-Jun-16

Model: GR-C2_SOP, <i>Mo-C2, Lef-C1, MET-C2ab, MET-C2cde, MET-C2yz, MT-C6, Brz-MF1</i>	Date: 30-Jul-15	No.: RD196026a
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RTB Reissue

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

Subject: Firmware Release Note: IWnnIME for eDC		Prepared by: C. Shimaji	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
2.3.3	D1961403_forEDC	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
2.3.3	1st Mass production

Reissued: 24-Nov-16

Model: GR-C2_SOP, Mo-C2, Lef-C1, MET-C2ab, MET-C2cde, MET-C2yz, MT-C6, Brz-MF1, Gim-MF1.5, CH-C2, MET-P2, Cor-C1.5	Date: 30-Jul-15	No.: RD196038c
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RTB Reissue

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

Subject: Firmware Release Note: iWnnIME for eDC		Prepared by: C. Shimaji	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

For Korean

Version	Program No.	Effective Date	Availability of RFU
1.0.0	D1961406_forEDC	1st Mass production	Not Available

For Simplified Chinese

Version	Program No.	Effective Date	Availability of RFU
1.0.0	D1961404_forEDC	1st Mass production	Not Available

For Traditional Chinese

Version	Program No.	Effective Date	Availability of RFU
1.0.0	D1961405_forEDC	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.

For Korean

Version	Modified Points or Symptom Corrected
1.0.0	1st Mass production

For Simplified Chinese

Version	Modified Points or Symptom Corrected
1.0.0	1st Mass production

For Traditional Chinese

Version	Modified Points or Symptom Corrected
1.0.0	1st Mass production

Reissued: 14-Dec-16

Model: Lef-C1/ Brz-MF1/CH-C2/Cor-C1.5/ Gim-MF1.5dM/ GR-C2/GR-C3/MT-C6/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2	Date: 10-Jun-16	No.: RD259045a
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RTB Reissue

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

Subject: Firmware Release Note: NFCPlugin for eDC		Prepared by: H. Morishima	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
2.12.00	D2411452_forEDC	June 2016 production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
2.12.00	<p>Specification Change:</p> <ul style="list-style-type: none"> - The previously packaged QuickCardAuth firmware was divided into five individual firmware. <p><before> QuickCardAuth</p> <p><after> QuickCardAuth ICCardDispatcher NFCPlugin USBCardPlugin BLEPlugin</p> <p>Symptom corrected: Applications can be uninstalled from Web Image Monitor.</p>

Reissued: 14-Dec-16

Model: Lef-C1/ Brz-MF1/CH-C2/Cor-C1.5/ Gim-MF1.5dM/ GR-C2/GR-C3/MT-C6/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2	Date: 10-Jun-16	No.: RD259046a
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RTB Reissue

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

Subject: Firmware Release Note: USBCardPlugin for eDC		Prepared by: H. Morishima	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
2.12.00	D2411459_forEDC	June 2016 production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
2.12.00	<p>Specification Change:</p> <p>- The previously packaged QuickCardAuth firmware was divided into five individual firmware.</p> <p><before> QuickCardAuth</p> <p><after> QuickCardAuth ICCardDispatcher NFCPlugin USBCardPlugin BLEPlugin</p> <p>Symptom corrected: Applications can be uninstalled from Web Image Monitor.</p>

Reissued: 13-Dec-16

Model: Lef-C1/ Brz-MF1/CH-C2/Cor-C1.5/ Gim-MF1.5dM/ GR-C2/GR-C3/MT-C6/ MET-C2ab/MET-C2cde/MET-C2yz/MET-P2/Mo-C2	Date: 10-Jun-16	No.: RD259047a
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RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release Note: BLEPlugin for eDC		Prepared by: N. Yasuda	
From: 2nd Tech Service Sect., MFP/Printer 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
2.12.00	D2411466_forEDC	June 2016 production	Not Available

Note: Definition of Availability of RFU via @Remote

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

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

Version	Modified Points or Symptom Corrected
2.12.00	<p><i>New Model Supported.</i></p> <p>---</p> <p>Specification Change: The previously packaged QuickCardAuth firmware was divided into five individual firmware.</p> <p><before> QuickCardAuth</p> <p><after> QuickCardAuth ICCardDispatcher NFCPlugin USBCardPlugin BLEPlugin</p>

Model: Lef-C1		Date: 1-Jul-16	No.: RD259049
Subject: FSM correction on ADF skew adjustment		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Service Manual Correction:

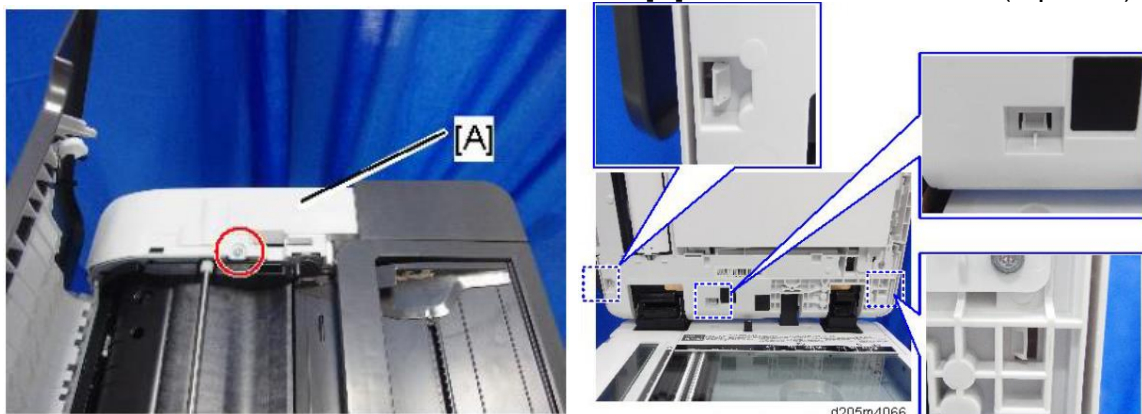
Several steps were missing from the procedure for adjusting the ADF skew.
Please add the steps in red below.

4. Replacement and Adjustment > Adjustment after Replacement
 > ARDF Image Adjustment > Skew Adjustment (p309~)

Adjustment Procedure

1. Remove the ARDF rear cover.

Remove one screw from the ARDF rear cover [A], and release the tabs (3 points).



2. Remove the ARDF. (page 158)

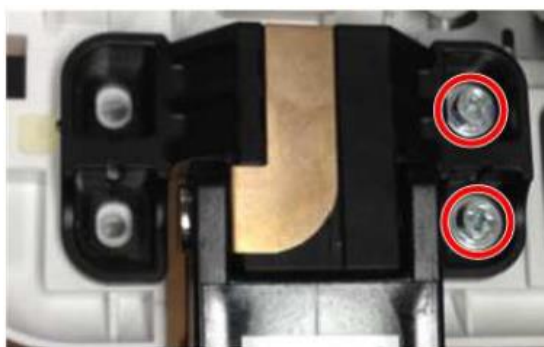
3. Remove the right hinge (screw x4).



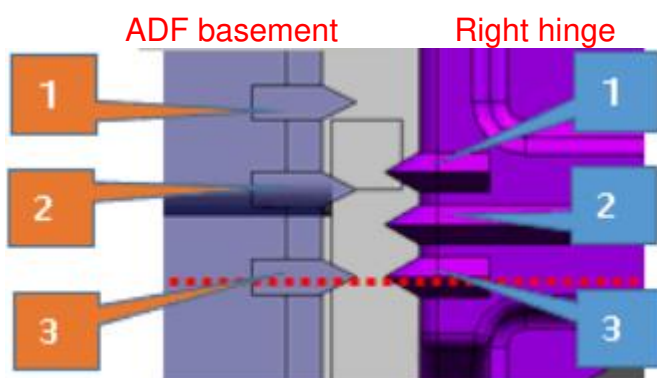
4. Remove the two parallel pins.



5. Attach the hinge using four screws temporarily with the appropriately spaced along the adjustment slots. Fasten the screws on the right side first.



6. Move the hinge for adjustment, and then fasten the screws. Adjustable range is:
ADF basement [1] and Right hinge [1] to ADF basement [3] and Right hinge [3]



Reissued: 22-Jul-16

Model: Lef-C1	Date: 5-Jul-16	No.: RD259050a
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RTB Reissue

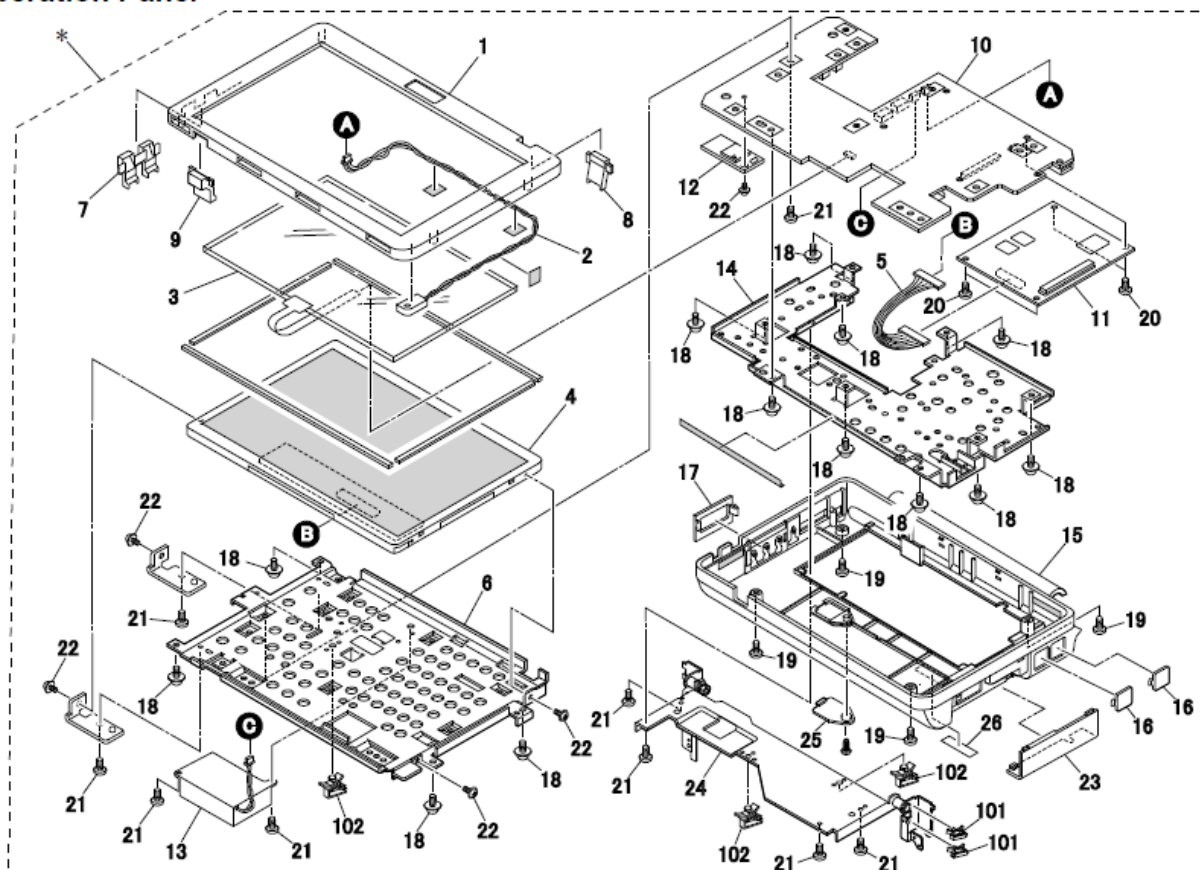
The items in ***bold italics*** have been corrected or added.

Subject: Parts Catalog Correction (Smart Operation Panel PCB)		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Change/Reason: *The part numbers announced in the original bulletin were incorrect. This bulletin has been re-issued to correct the mistakes.*

Correct part number	Description	Q'ty	Int	Page	Index	Note
<i>D2411522</i>	<i>PCB:SUB:ASS'Y</i>	1	-	3	10	
<i>D2411530</i>	<i>PCB:MAIN:ASS'Y (NA/EU/AA/TWN)</i>	1	-	3	11	
<i>D2411531</i>	<i>PCB:MAIN:ASS'Y (CHN)</i>	1	-	3	11	

1. Operation Panel



Reissued : 26-Jul-16

Model: Lef-C1	Date: 13-Jul-16	No.: RD259051a
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RTB Reissue

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

Subject: Supplementary information on the defumidification heaters		Prepared by: Y.Saitoh	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Supplementary information on the dehumidification heater

2 types of the dehumidification heaters are available as service parts for the following components:

- Mainframe tray
- Optional tray

See the table below for the parts required when installing the heater.

Mainframe Tray Heater

Part description	P/N for NA/TWN	P/N for EU/AP/CHN	Qu
PCB:DHB (Assembly-1)	<i>D2590507</i>	<i>D2590508</i>	1
HEAT SINK:HEATER (Assembly-2)	D2592881	D2592891	1
SCREW:SPRING WASHER:ROUND POINT:M4X10	G8327900	G8327900	1

Optional Tray Heater

Part description	P/N for NA/TWN	P/N for EU/AP/CHN	Qu
TAPPING SCREW - M3X6	04543006	04543006	2
CLAMP:LWSM-0306A	11050758	11050758	9
DECAL:H-TEMP WARNING:HEATER	D7941087	D7941087	1
CLAMP:LWSM-0306H GRAY	11050713	11050713	2
HEATER	AX400193	AX400194	1
BRACKET:COVER:HEAT SINK	D7941099	D7941099	1
HARNESS:HEATER:IBIZA (Assembly-3)	D7945350	D7945350	1

Reissued : 26-Jul-16

Model: Lef-C1	Date: 13-Jul-16	No.: RD259051a
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Assembly-1: PCB:DHB is composed of the following parts.

Part number	Description	Q'ty
04543006Q	TAPPING SCREW:3X6	4
11050758	CLAMP:LWSM-0306A	2
D2025185	PCB:DHB	1
D2055221	HARNESS:AC:POWER SUPPLY UNIT:DEHUMIDIFIER	1
D2055222	HARNESS:DC:POWER SUPPLY UNIT:DEHUMIDIFIER	1
D2055223	HARNESS:AC:DHB:PAPER FEED:HEATER	1
D2055889	BRACKET:HEATER:BASE	1

Assembly-2: HEAT SINK:HEATER is composed of the following parts.

Part number	Description	Q'ty
D2052653	DECAL:H-TEMP WARNING:HEATER	1
11050758	CLAMP:LWSM-0306A	1
AX400242 (NA)	HEATER:120V:7W	1
AX400243 (EU)	HEATER:230V:7W	1
D2052654	HEAT SINK:HEATER:PEEN	1

Assembly-3: HARNESS:HEATER:IBIZA is composed of the following parts.

Part number	Description	Q'ty
D7945360	HARNESS:HEATER:CONNECTING:ASS'Y	1
D7945371	HARNESS:HEATER:BANK:ASS'Y	1

Model: Lef-C1		Date: 2-Aug-16	No.: RD259052
Subject: A client device connected to the Cheetah operation panel via WiFi Direct can access the customer's corporate LAN environment		Prepared by: K.Kunimatsu	
From: Field Quality Management Group1, FQM Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

SYMPTOM

A client device connected to the Cheetah operation panel via WiFi Direct can access the customer's corporate LAN environment.

This symptom occurs when the following settings are enabled:

- **WiFi Direct:** Set to "**Enable**" (default: Disable)
- **Group Owner Mode:** Set to "**Enable**" (default: Disable)

Note:

The above settings (Enabled) are the default for when using the Ricoh Smart Device Connector.

When the Cheetah Network is set with the above two settings enabled, smart phones, PCs, and other client devices can connect to the corporate LAN. Web browsers can be used to open WIM and view information on other copiers connected to the network, wireless routers, Web servers, among others, if the user of the client device knows the IP address of the machine(s) on connected to the LAN.

CAUSE

Firmware bug.

SOLUTION

Update the Cheetah System firmware to the following versions or newer.

Model	Version
GR-C2	1.07 or newer
MET-C2/Lef-C1/Brz-MF1	1.05.1 or newer

Model: Lef-C1		Date: 25-Aug-16	No.: RD259053
Subject: Information on part number changes: Smart Operation Panel's PCB		Prepared by: E.Hinata	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Information on part number changes

Preinstalled applications in Smart Operation Panel v2.0 for the MP C306/406 will be updated to unify the part numbers for all preinstalled applications in the MP C306/406 to match the part numbers in the MP 305 and later models. The PCBs changed to be common in these models as follows in line with the changes of the application. This bulletin is to inform you of the notification regarding the change to the new part numbers and the replacement procedure, which will affect the following models:

- MP 305 (D259)
- MP C3004/3504/4504/5504/6004 (D238/D239/D240/D241/D242), MP C2004/2504 (D243/D244)
- MP 6503/7503/9003 (D223/D224/D225)

For China

Old part number	New part number	Description	Old Q'ty	New Q'ty	Int
D2411531	D2411536	PCB:MAIN:METIS-C2_CHN: PROGRAM:ASS'Y	1	1	O/O

For other regions

Old part number	New part number	Description	Old Q'ty	New Q'ty	Int
D2411530	D2411535	PCB:MAIN:METIS-C2: PROGRAM:ASS'Y	1	1	O/O

Model: Lef-C1

Date: 25-Aug-16

No.: RD259053

Caution:

When replacing the PCBs or Operation panel ass'y, follow the procedure below.

- 1) Replace the hardware parts, PCBs or Operation panel ass'y.
- 2) Turn ON the main power.
- 3) Press OK at the message 'Changing the settings. Please wait.'
- 4) Enter the SP mode.
- 5) Set the value according to the model and press [Execute] in SP5-761-001: Smart Operation Panel Setting: Restore the default Home screen].

Option	Model	Remarks
0 (Default)	MP C306/406	The screen appears as if there are no options.
1	Models other than MP C306/406 and MP CW2201	
2	MP CW2201	

Note:

If you do not set the SP above, home screen for other model will be appeared.

Reissued: 17-Jan-17

Model: Lef-C1	Date: 29-Aug-16	No.: RD259054c
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RTB Reissue

The item in ***bold italics*** has been added.

Subject: The default value of the "Permit SSL/TLS Communication" setting has been changed from "Ciphertext Priority" to "Ciphertext/Cleartext"		Prepared by: H. Morishima	
From: Global Tech. Support Sec. Service Support 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 checked="" type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

At Machine Installation

The default value of the "Permit SSL/TLS Communication" setting has been changed from "Ciphertext Priority" to "Ciphertext/Cleartext" depending on the Network Support firmware version:

- "Ciphertext Priority" will be the default in devices that have Network Support v15.35 or earlier installed from mass production.
- "Ciphertext/Cleartext" will be the default in devices that have Network Support v15.36 or later installed from mass production.

Note: Configurations will not be automatically changed when the firmware is updated.

Cut-In Serial Numbers

Network Support v15.36 has been applied to device in the factory as of the following serial numbers:

Name	Destination.	Product Code	Serial #
<i>MP 305+ SP</i>	AA	D259-29	<i>G586PA02720~</i>
	CHN	D259-21	
	EU	D259-27	
	NA	D259-17	
<i>MP 305+ SPF</i>	AA	D259-69	
	EU	D259-67	
	NA	D259-57	
	TWN	D259-19	

Model: Lef-C1		Date: 2-Sep-16	No.: RD259055
Subject: A self-signed certificate is not created automatically in devices.		Prepared by: Y.Shiga	
From: 2nd Tech Support Sec. Service Support 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 checked="" type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

At Machine Installation

Whether or not a self-signed certificate is created automatically depends on the Network Support firmware version:

- A self-signed certificate is created automatically in devices that had Network Support v15.34 or earlier installed.
- A self-signed certificate is not created automatically in devices that had Network Support v15.35 or later installed.

Note: A self-signed certificate will not be automatically deleted when the firmware is updated.

Cut-In Serial Numbers

Network Support v15.35 has been applied to device in the factory as of the following serial numbers:

Name	Destination.	Product Code	Serial #
<i>MP 305+ SP</i>	AA	D259-29	G586P700191~
	CHN	D259-21	
	EU	D259-27	
	NA	D259-17	
<i>MP 305+ SPF</i>	AA	D259-69	
	EU	D259-67	
	NA	D259-57	
	TWN	D259-19	

Model: Lef-C1		Date: 21-Sep-16	No.: RD259056
Subject: PtoP Revision(ARDF component layout list added)			Prepared by: H. Morishima
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

P to P Revision

The following contents were added.

MP 305+ SP/SPF Component Layout

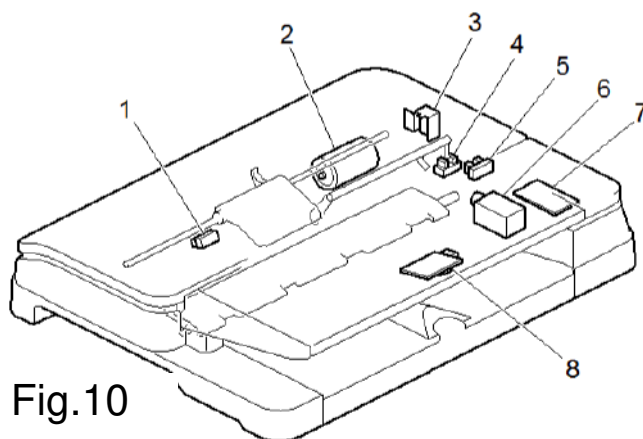


Fig.10

Symbol	Address		Part Name
	PtoP	Layout	
Motors			
MT4	A-7	Fig.10-2	ARDF Drive Motor
Sensors			
SEN1	A-2	Fig.10-5	Feed Cover Sensor
SEN2	A-2	Fig.10-4	Original Set Sensor
SEN3	A-1	Fig.10-1	Registration Sensor
SEN9	A-7	Fig.10-8	Original Width Sensor
Solenoids			
SOL2	B-7	Fig.10-6	ARDF Reverse Solenoid
SOL3	B-7	Fig.10-3	ARDF Feed Solenoid
PCBs			
PCB1	A-4	Fig.10-7	ARDF Controller Board

Model: Lef-C1		Date: 18-Nov-16	No.: RD259058
Subject: FSM correction on the machine limit count		Prepared by: H. Morishima	
From: 2nd Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Service Manual Correction:

The machine limit count functions cannot be used. Therefore, please delete the notes below from your field service manual.

Appendices > 3. SP Mode Tables > Main SP Table-5(Controller) > SP5-XXX(Mode) (P.76)

5755	[Display Setting]		
5-755-001	Disp Administrator Password Change Scrn	CTL *	[- / - / - / step]
5-755-002	Hide Administrator Password Change Scrn	CTL *	[- / - / - / step]

5759	[Machine Limit Count]		
5-759-001	Machine Limit Count Setting	CTL *	[0 or 1 / 0 / 1 / step]
5-759-051	Limit Count	CTL *	[0 to 99999999 / 0 / 1 / step]

5761	[SmartOperationPanel Setting]		
5-761-001	Restore the default Home screen	CTL *	[0 to 255 / 0 / 1 / step]

Model: Lef-C1		Date: 27-Jan-17	No.: RD259061
Subject: Fax is not sent and remains in the machine		Prepared by: Y.Taniguchi	
From: 1st FQM Sect., 1st FQM Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

SYMPTOM

Faxes that require internal communication with the HDD cannot be sent and remain in the machine, and the Transmission Failure Report is not printed out. Customers may be unaware of non-transmission.

Conditions:

- 1). Capturing Device Log function is enabled (Default: enable).
- 2). Capturing Device Log accesses the HDD just as the machine switches to Sleep Mode.
- 3). The fax is sent using a feature that requires internal communication with the HDD, i.e.:

Preview Before Transmission

Remote Fax (either as the Main machine or Sub machine)

Sending the document stored in Document Server

CAUSE

When the conditions 1) and 2) described above are met, the line of communication between the HDD and the machine is locked and remains locked until main power OFF. Fax features that require internal communication with the HDD use this same line, which then prevents fax transmission.

SOLUTION

In Production line

FCU Firmware is modified to release the line of communication between the machine and HDD under the conditions described above.

In the field

Update the GWFCU firmware to the following version or later:

Firmware Name	P/N	Version
GWFCU3.8-10	D3B35599E	03.00.00

Model: Lef-C1		Date: 21-Feb-17	No.: RD259062
Subject: DO NOT install CheetahSystem firmware v1.21 and package all containing cheetah system		Prepared by: T. Kiyohara	
From: Field Quality Management Group1, FQM 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

Important Notice about Cheatah System v1.21 and package_ALL containing CheetahSystem v1.21

DO NOT install Cheatah System v1.21 and package_ALL containing CheetahSystem v1.21 on machines in the field.

This is because these versions have the following firmware bug.

Note: These versions are no longer released/available.

SYMPTOM

Some Smart SDK application for only RHQ get deleted with CheetahSystem v1.21.

Note:

If this symptom occurs, cannot reinstall the Smart SDK application.

Affected model: Met-C2abcdeyz, Met-P2, Gr-C2/C3, Brz-MF1, Ch-C2, Cor-C1.5, Lef-C1, Mt-C6

CAUSE

Bug with the SDK application for RHQ.

Detail:

This cause is the combination between a side effect of V1.21 and a SDK application's manifest file.

The production signature of the smart SDK application is not correct in RHQ region.

The manifest file for the development is still remained in the application.

The other hand, Cheetah system is added the bata signification function that expired application is deleted since version 1.21.

Therefore this application is un-installed by the bata signification function.

SOLUTION

Do either of the following:

- Install a newer Cheetah System firmware latest version (v1.22).

Scheduled for release: the early of March, 2017

Model: Lef-C1

Date: 21-Feb-17

No.: RD259062

- Install a newer package firmware latest version.

Scheduled for release: the end of March, 2017

- Install an older Cheetah System firmware version or older package firmware.

Model: Lef-C1		Date: 28-Jul-17	No.: RD259063
Subject: FSM Correction about Moving/Transporting the Machine		Prepared by: T. Tachibana	
From: 2nd Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Service Manual Correction:

- The areas in **bold** were revised.

2. Installation > Main Machine Installation
 > Moving the Machine (p40~)

Moving the Machine

This section shows you how to manually move the machine ~~from one floor to another floor~~. See the section "Transporting the Machine" if you have to pack the machine and move it a longer distance, **e.g. moving the machine to another floor**.

- Turn OFF the main power and pull out the plug.
- Close all the covers and trays.
- Keep the machine horizontal and move it slowly. Tipping and excess vibrations may damage the machine.
- Follow the instruction below when you lift the machine up or down:

Main Machine Only



Main Machine + Paper Feed Unit



w_d205z2122en

Model: Lef-C1

Date: 28-Jul-17

No.: RD259063

2. Installation > Main Machine Installation
> Transporting the Machine (p40~)

Transporting the Machine

Note:

A heat seal and protection sheet* need to be attached to the PCDU when shipping and transferring the machine to prevent the toner from leaking from the PCDU. If you need to transfer a machine that is still in use a long distance, remove the PCDU before the transfer and install a new PCDU after transfer.

*: These seals are attached to the PCDU when being shipped from the factory and are removed at installation.

1. Execute SP4-806-001 (*SSP) to move the scanner carriage from the home position. This prevents dust from falling into the machine during transportation.
2. Remove the toner cartridges. This prevents toner leak, which is caused by vibration during transport.
3. Make sure there is no paper left in the paper trays. Then fix down the bottom plates with a sheet of paper and tape.
4. Take out the scanner stay from inside the front cover and install the scanner stay.
5. Do one of the following step:
 - Attach shipping tape to the covers and doors.
 - Shrink-wrap the machine tightly.

Reissued: 2-Feb-18

Model: Lef-C1	Date: 24-Aug-17	No.: RD259064a
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RTB Reissue

The item in ***bold italics*** has been added.

Subject: Remove the sheets when machine installation and PCDU replacement		Prepared by: Y.Taniguchi
From: Field Quality Management Group1, FQM Dept.		
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" 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 checked="" type="checkbox"/> Other (Notice about specification)
		<input checked="" type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Important Notice about Machine Installation or PCDU replacement.

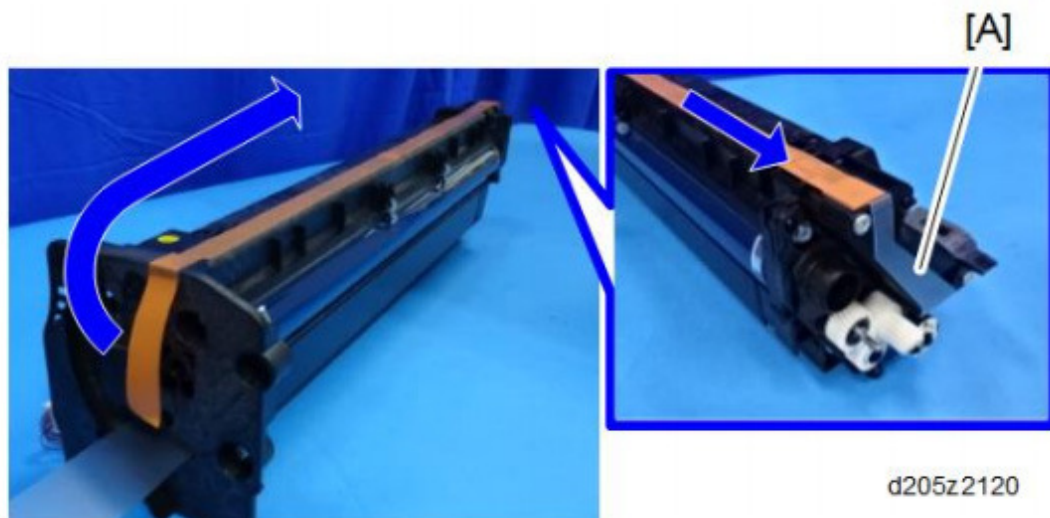
- When you install the machine ***or replace PCDU***, make sure to remove the protective sheet [A] and heat seal [B] from the development unit.
- If you do not ***do this remove protective sheet [A], toner cannot be supplied to development unit and*** toner will coagulate and clog inside the toner pipe ***in Mainframe.***
- If you do not ***do this remove heat seal [B], no image appears.***

For the procedure, see the Field Service Manual.

2. Installation – Main Machine Installation – Installation Procedure

Or,

4. Replacement or Adjustment – PCDU – PCDU

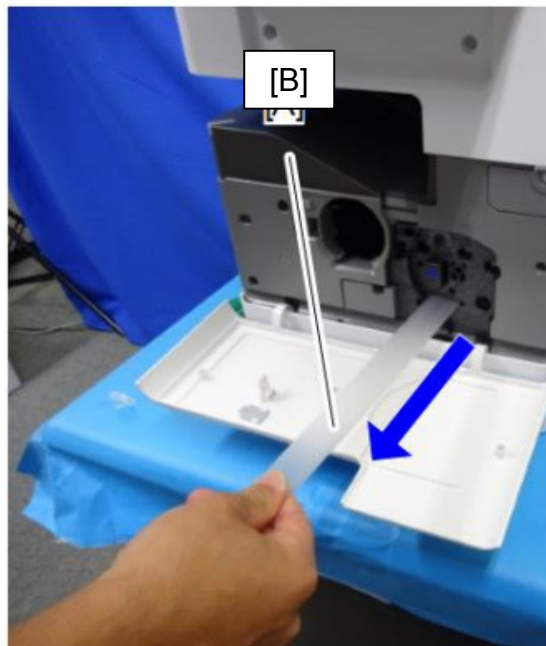


Reissued: 2-Feb-18

Model: Lef-C1

Date: 24-Aug-17

No.: RD259064a



Reissued : 11-Jan-18

Model: Lef-C1	Date: 25-Aug-17	No.: RD259066a
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RTB Reissue

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

Subject: SC672-11 always occur just after System Reset		Prepared by: Y. Taniguchi	
From: 1 st FQM Sect, 1 st FQM Dept.			
Classification:	<input checked="" 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

SYMPTOM

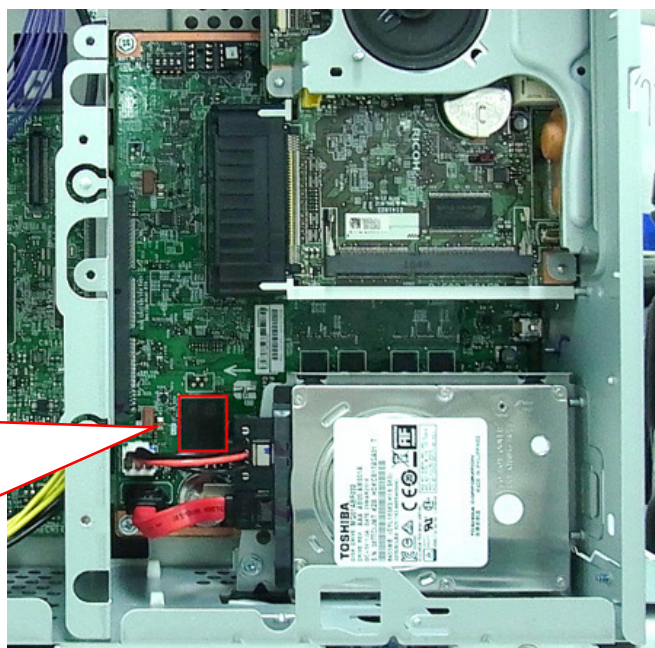
SC672-11 occurs just after a “System Reset” is performed on the **Affected Models** below.

Note:

- The machine works normally until System Reset is performed.
- A System Reset is performed in the following cases:
 - Remote installation of a solution app
 - After RFU/ARFU completed
 - The # and * keys are pressed together for 10 seconds
 - Remote reboot via WIM (HDD format, A time area change and a measurement unit change “mm/inch”).
- The above operations are completed normally, but SC672-11 will occur and it must be cancelled when by the manual power OFF/ON.

CAUSE

Defective NAND chips are used on controller boards produced between Aug 2016 to April 2017 (see **Affected Models** below). A software bug is in the NAND chip. As a result of this bug, the chip cannot perform a restore after the System Reset, which triggers the SC.



Reissued : 11-Jan-18

Model: Lef-C1

Date: 25-Aug-17

No.: RD259066a

Affected Models

- COR-C1 (MP 2554/3054/3554/4054/5054/6054)
- GR-C2 (MP C306/C307)
- Lef-C1 (MP 305+)
- Z-P2 (SP C435DN/C440DN)
- Service parts of Controller Boards for the above models.

SOLUTION**Production line:**

The NAND chip was modified (applied from: April 2017 production).

Note: This was applied to the Lef-C1 and Z-P2 only, since production of the COR-C1 and GR-C2 have already been discontinued.

In the field:

A new firmware module "NAND FLASH" is added. Install this firmware into the affected NAND chip by the following procedure.

- 1) Update System/Copy to the following version or later. This is a preparation for installation of NAND FLASH firmware.

Product	Firmware name	P/N	Version
COR-C1	System/Copy	D2025550X	1.19
COR-C1_SOP	System/Copy	D2015550W	1.19
GR-C2	System/Copy	D1965400R	1.14
LEF-C1	System/Copy	D2595552M	1.11
Z-P2a	System	M2575735B	1.02
Z-P2b	System	M2575731D	1.05

- 2) Install NAND FLASH to modify the NAND chip

The installation procedure is same as other module. A caution message "One or more of the items you selected have a different P/N..." should be shown but please press "OK".

Product	Firmware name	P/N	Version
All	NAND FLASH	D2055599	Q0310E

Note: The software will not be applied to the NAND chip if the NAND chip is NOT affected. In that case the version information is not changed.

Model: Lef-C1	Date: 25-Aug-17	No.: RD259066a
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Important:

- Both firmwares cannot be updated at the same time (by SD card and remote update). Please be sure to follow the order above because NAND FLASH cannot be installed unless the System/Copy is updated to this version.
- Either the new System/Copy or NAND FLASH is available for RFU/ARFU, but a System Reset is performed after step 1) completed, and then SC672-11 occurs because the affected NAND chip is not modified yet at that moment. Second System Reset will be performed after step 2) but SC672-11 does not occur at that time.
- If the System/Copy is the new version or later, the version information of NAND FLASH can be shown on SMC Diagnostic report. If the version is "**Q0310E**" or later, NAND FLASH is installed correctly.
- In the case that a customized System/Copy firmware have been installed to the machine, please overwrite System/Copy with the customized version after the procedure above. Once the software in NAND chip is modified, System/Copy can be downgraded to the customized version.

Affected S/N

Product	Affected S/N	Production month
COR-C1c/COR-C1c_(SOP)	G146x800001~	Aug 2016 to Discontinuation
COR-C1d/COR-C1d_(SOP)	G156x800001~	
COR-C1e/COR-C1e_(SOP)	G166x800001~	
COR-C1f/COR-C1f_(SOP)	G176x800001~	
COR-C1g/COR-C1g_(SOP)	G186x800001~	
COR-C1h/COR-C1h_(SOP)	G196x800001~	Aug 2016 to Discontinuation
GR-C2a (SP model)	G436P800001~	
GR-C2a (SPF model)	G446P800001~	
GR-C2b (SP model)	G276P800001~	
GR-C2b (SPF model)	G136P900001~	
Lef-C1	G586P902194~ G587P400986	Aug 2016 to Apr 2017
Z-P2a	Y016P900085~ Y017P100040	Aug 2016 to Apr 2017
Z-P2b	X686P900477~ X687P500096	

Note:

- Not all units which are produced in this period are affected. Some units should not be affected.
- Besides, also some service parts for CTL board have been affected. A machine which is not produced in the period may be also affected if its CTL board has been replaced.

Controller Board Service Parts Change information.

Product	Model	Old PN	New P/N	Description	Q'ty
COR-C1c SP	SP	D1975673	D2005640	PCB:JL2:CRN-C1_AR_SP:EXP:C	1
COR-C1c SP	SP	D1975676	D2005600	PCB:JL2:CRN-C1_CH_SP:EXP:C	1
COR-C1d	Basic	D1985672	D2005651	PCB:JL2:CRN-C1_AR_BS:EXP:D	1
COR-C1d_SOP	Basic	D1985675	D2005611	PCB:JL2:CRN-C1_CH_BS:EXP:D	1
COR-C1d	SP	D1985673	D2005641	PCB:JL2:CRN-C1_AR_SP:EXP:D	1
COR-C1d_SOP	SP	D1985676	D2005601	PCB:JL2:CRN-C1_CH_SP:EXP:D	1
COR-C1e	Basic	D1995672	D2005652	PCB:JL2:CRN-C1_AR_BS:EXP:E	1
COR-C1e_SOP	Basic	D1995675	D2005612	PCB:JL2:CRN-C1_CH_BS:EXP:E	1
COR-C1e	SP	D1975671	D2005642	PCB:JL2:CRN-C1_AR_SP:EXP:E	1
COR-C1e_SOP	SP	D1995676	D2005602	PCB:JL2:CRN-C1_CH_SP:EXP:E	1
COR-C1f	Basic	D2005672	D2005653	PCB:JL2:CRN-C1_AR_BS:EXP:F	1
COR-C1f_SOP	Basic	D2005675	D2005613	PCB:JL2:CRN-C1_CH_BS:EXP:F	1
COR-C1f	SP	D2005673	D2005643	PCB:JL2:CRN-C1_AR_SP:EXP:F	1
COR-C1f_SOP	SP	D2005676	D2005603	PCB:JL2:CRN-C1_CH_SP:EXP:F	1
COR-C1g	Basic	D2015672	D2005654	PCB:JL2:CRN-C1_AR_BS:EXP:G	1
COR-C1g_SOP	Basic	D2015675	D2005614	PCB:JL2:CRN-C1_CH_BS:EXP:G	1
COR-C1g	SP	D2015673	D2005644	PCB:JL2:CRN-C1_AR_SP:EXP:G	1
COR-C1g_SOP	SP	D2015676	D2005604	PCB:JL2:CRN-C1_CH_SP:EXP:G	1
COR-C1h	Basic	D2025652	D2005655	PCB:JL2:CRN-C1_AR_BS:EXP:H	1
COR-C1h_SOP	Basic	D2025685	D2005615	PCB:JL2:CRN-C1_CH_BS:EXP:H	1
COR-C1h	SP	D2025653	D2005645	PCB:JL2:CRN-C1_AR_SP:EXP:H	1
COR-C1h_SOP	SP	D2025676	D2005605	PCB:JL2:CRN-C1_CH_SP:EXP:H	1
GR-C2a	-	D3AW5681	D3AW5671	PCB:CTL_JL2_S:2ND:GRI-C2A:EXP	1
GR-C2b	-	D3AW5682	D3AW5672	PCB:CTL_JL2_S:2ND:GRI-C2B:EXP	1
Lef-C1	-	D2055612	D2055614	PCB:CTL:LEF-C1B:EXP:SUB-ASS'Y	1
Z-P2a	-	M4795685	M4795686	PCB:CTL_JL2:ZEUS-P2A:EXP	1
Z-P2b	-	M4795680	M4795681	PCB:CTL_JL2:ZEUS-P2B:EXP	1

Model: LE-C1		Date: 7-Aug-17	No.: RD259065
Subject: CC-CERTIFIED IN 2016 Machine		Prepared by: T.Suzuki	
From: Technical Support Sect, Product Marketing 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

This RTB describes the requirements for installing models in the MP 305+ series as a CC-CERTIFIED MACHINES compliant with IEEE Std 2600.2™-2009

Do the following eleven steps if you want to install the MP 305+ series models as a CC-CERTIFIED MACHINE compliant with IEEE Std 2600.2™-2009.

Note: Machines in production are CC-certified beginning in July 2017.

Important: If you perform with accessing SP mode, the machine become the different condition as when CC certification was attained.

1. Make sure the customer has received the English language Operating Instructions (O/I) shown in the page 9-11.

Important:

- For installations in the EU market, make sure this is the Ricoh-genuine O/I.
- To ensure that the O/Is are Ricoh-genuine, make sure that the part numbers match those listed in the table on page 9. Also make sure that the contents are Ricoh-genuine and there is no suspicious point. (The P/N are normally printed on the back cover).
- Tell the customer that those manuals evaluated for CC certification are the manuals listed in The list of Operating Instructions (O/I).
- Tell the customer to see the Online Document Set 1 from the following URL:
https://support-download.com/services/device/ccmanual/MP_305_plus/en/booklist/int/index_book.htm
- Tell the customer to see the Online Document Set 2 from the following URL:
https://support-download.com/services/device/ccmanual/MP_305_plus/en/pdf/User.html
- Tell the customer to see the Online Document Set 3 from the following URL:
https://support-download.com/services/device/ccmanual/MP_305_plus/en/pdf/DriverInstall.html
- Tell the customer to see the Online Document Set 4 from the following URL:
https://support-download.com/services/device/ccmanual/MP_305_plus/en/pdf/Oss.html
- Tell the customer to download the Online Document Set 5 (the information about the authentication based on the CC certification system) from the following URL:
https://support-download.com/services/device/ccmanual/mp_305_plus/en/download_admin.html
https://support-download.com/services/device/ccmanual/mp_305_plus/en/download_user.html

2. Tell the customer to read the “Notes for Administrators: Using This Machine in a

Model: LE-C1

Date: 7-Aug-17

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Network Environment Compliant with IEEE Std 2600.2™-2009".

See the following pages for Step 3 to Step 11.

Model: LE-C1

Date: 7-Aug-17

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3. Confirm that no suspicious parts or devices are attached to the peripheral.

By comparing the peripheral and the images in "2. Installation" and "Controller Options" in "MP 305+ Machine Code:D259 Field Service Manual", confirm that no suspicious parts or devices are attached to the USB, LAN, and SD Card Slot of the peripheral.

By comparing the ADF and the images in "4. Replacement and Adjustment" and "ARDF" in "MP 305+ Machine Code:D259 Field Service Manual", confirm that no suspicious parts or devices are attached to the ADF cable.

4. Install Fax Option Type M15.

By comparing the fax unit and the images in "1. Installation", "Fax Option Type M15 (D3B3)", and "Accessory Check" in "Fax Option Type M15 Machine Code: D3B3 Field Service Manual", confirm that no suspicious parts or devices are attached to the fax unit.

Install Fax Option Type M15.

For the detailed installation procedure, see "Fax Option Type M15(D3B3)" in "1. Installation", Fax Option Type M15 Machine Code: D3B3 Field Service Manual.

5. Hide Administrator Password Change Screen

If the "Program/Change Administrator" screen is displayed at startup, execute SP5-755-002 (Hide Administrator Password Change Scrn).

6. Setting "Smart Operation Panel mode" to "Secure boot"

In the SP5-748-101 (Op Type Action Setting), set "bit2: Smart Operation Panel mode" to "1".

7. Setting "Web Service Access Ctrl:Rest WebService (Lower 4bits)" to "on"

In the SP5-848-025 (Web Service Access Ctrl:Rest WebService (Lower 4bits)), set bit0 to "1".

8. Setting "On Board USB" to "0"

In the SP5-985-002 (On Board USB), set "On Board USB" to "0".

9. Setting "Auto Update Setting" to "0"

In the SP5-886-111 (Auto Update Setting), set "Auto Update Setting" to "0".

10. Enabling the Encryption Settings

Enable the encryption settings described in service manual, and execute [Format All Data].

Hand the customer the printout of the encryption key that is printed when enabling the encryption settings.

11. Check firmware versions.

If the customer requests exactly the same condition as when CC certification was attained, install the versions shown in the table below. If not, make sure that firmware versions of the machine are the same as or later than the ones in the table.

Model: LE-C1

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- If the customer wants to install the machine in the same condition as when CC Certification was first attained, install the exact versions shown in the table below.
 - If the customer wants to install the machine as an equivalent of the condition as when CC certification was first attained, install the versions shown in the table below or later.
- If you are not sure which of these the customer prefers, confirm this with your Sales department.

Model: LE-C1

Date: 7-Aug-17

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Firmware versions with which the MP 305+ models first achieved CC-CERTIFICATION:

Model: LE-C1

Date: 7-Aug-17

No.: RD259065

Firmware Name:	Version:	Firmware Number:
System/Copy	1.08	D2595552J
Network Support	15.37	D2595564E
Fax	03.00.00	D2595557D
RemoteFax	02.00.00	D2595558C
Scanner	01.02	D2595559D
Web Support	1.03	D2595560E
Web Uapl	1.01	D2595561C
NetworkDocBox	1.01	D2595562C
animation	1.02	D2595563D
Printer	1.04	D2595566F
RPCS	3.18.26	D2055568A
Font EXP	1.00	D1475581
PCL	1.04	D2055569D
PCL Font	1.14	M1095273
PS3	1.00	D2055570A
PDF	1.02	D2055572B
PS3 Font	1.11	D6415763A
Java VM v12 std	12.47.01	D2055574K
Data Erase Onb *	1.00	D2025556
GWFCU3.8-10(WW)	03.00.00	D3B35599E
PowerSaving Sys	F.27	D2595555
M2a_System	1.22.2	D2411420Z
M2a_BLEPlugin	2.12.00	D2411466
M2a_BluetoothSe	1.02	D2411465C
M2a_cspf	2.02.00	D1961430B
M2a_ICCdDisptch	2.12.04	D2411450A
M2a_iWnn	2.3.3	D1961403
M2a_iWnn_Hang	1.0.0	D1961406
M2a_iWnn_Hans	1.0.0	D1961404
M2a_iWnn_Hant	1.0.0	D1961405
M2a_LegacyUI	1.15.1	D2411427R
M2a_MeidaPrtScn	1.17	D2411447Q
M2a_NFCPlugin	2.12.00	D2411452
M2a_PrinterInfo	1.11	D2411458M
M2a_PrinterSJob	1.63	D2411446M
M2a_ProgramInfo	1.18	D2411438D
M2a_QRCode_SDC	2.1.2	D2411453F
M2a_QuickCdAuth	2.12.04	D2411468A
M2a_RemAssist	1.0.5	D2411470A
M2a_RemSptSvc	1.0.1	D1961459A
M2a_SimpleCopy	1.17	D2411443P
M2a_SimpleFAX	1.12	D2411445M
M2a_SimpleScan	1.13	D2411444P

Model: LE-C1

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No.: RD259065

Firmware Name:	Version:	Firmware Number:
M2a_SmartCopy	1.21	D2411454R
M2a_SmartFAX	1.18	D2411457N
M2a_SmartScan	1.13	D2411456N
M2a_USBCdPlugin	2.12.00	D2411459
M2a_WEcoInfo	1.06	D2411437F
M2a_WFaxInfo	1.02	D2411435D
M2a_WLanguage	1.06	D2411431H
M2a_WStopKey	1.01	D2411436B
M2a_WToner	1.05	D2411434G
M2a_zoo	1.04.05	D2411467H
Engine	1.05:03	D2055500F

* If the Data Erase Onb version is not the same as shown in the table, contact your supervisor. (This version is never upgraded).

Ic Key and Ic Ctlr versions with which the MP 305+ models first achieved CC-CERTIFICATION:

Hardware:	Version:
Ic Key	01020714
Ic Hdd	3330

If the Ic Key and Ic Hdd versions are not the same as shown in the table, contact your supervisor. (This version is never upgraded).

These versions can be confirmed from the operation panel.

MultiLink-Panel

Model: LE-C1

Date: 7-Aug-17

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Firmware Name:	Version:	Firmware Number:
Firmware	1.22.2	D2411420Z
Keymicon	6.12	D2411423A
Application Site	1.04.05	D2411467H
Bluetooth Authentication Plugin	2.12.00	D2411466
BluetoothService	1.02	D2411465C
Change Langs. Widget	1.06	D2411431H
Copy	1.21	D2411454R
CSPF	2.02.00	D1961430B
Eco-friendly Widget	1.06	D2411437F
Fax	1.18	D2411457N
Fax RX File Widget	1.02	D2411435D
ICCardDispatcher	2.12.04	D2411450A
iWnn IME	2.3.3	D1961403
iWnn IME Chinese(Simplified) Pack	1.0.0	D1961404
iWnn IME Chinese(Traditional) Pack	1.0.0	D1961405
iWnn IME Korean Pack	1.0.0	D1961406
LegacyUI type-1	1.15.1	D2411427R
LegacyUIData	1.02	D2595563D
Print/Scan(Memory Storage Device)	1.17	D2411447Q
Printer	1.11	D2411458M
ProgramInfoService	1.18	D2411438D
Proximity Card Reader Support Plugin	2.12.00	D2411459
Quick Card Authentication Config.	2.12.04	D2411468A
Quick Copy	1.17	D2411443P
Quick Fax	1.12	D2411445M
Quick Print Release	1.63	D2411446M
Quick Scanner	1.13	D2411444P
RemoteConnect Support	1.0.5	D2411470A
RemoteSupportService	1.0.1	D1961459A
Scanner	1.13	D2411456N
Smart Device Connector	2.1.2	D2411453F
Standard IC Card Plugin	2.12.00	D2411452
Stop Widget	1.01	D2411436B
Supply Info Widget	1.05	D2411434G

Model: LE-C1

Date: 7-Aug-17

No.: RD259065

The list of Operating Instructions (O/I)

<For North America>

Paper Documents

- D259-7502 Read This First
- D219-7074 Notes for Using This Machine Safely
- D219-7454 For Users of This Product
- D219-7458A Notes to Users in the United States of America
- D219-7461A Note to users in Canada
- D219-7475A Note to users
- D241-7085 Notes for Users
- D241-7238 SOFTWARE LICENSE AGREEMENT
- D259-7522 Start Guide
- D241-7178 NOTICE TO USERS
- D259-7532 Notes for Application Site Users

Online Document Set 1

- D259-7875 About This Machine
- D259-7876 Copy/ Document Server
- D259-7877 Fax
- D259-7878 Print
- D259-7879 Scan
- D259-7880 Troubleshooting
- D259-7881 Connecting the Machine/System Settings
- D259-7882 PostScript 3
- D259-7883 Security Guide
- D259-7884 Extended Feature Settings

Online Document Set 2

- D259-7885 User Guide

Online Document Set 3

- D259-7886 Operating Instructions Driver Installation Guide

Online Document Set 4

- D259-7887 About Open Source Software License

Online Document Set 5

- D146-7587 Notes on Security Functions
- D259-7530 Notes for Administrators:
Using This Machine in a Network Environment
Compliant with IEEE Std 2600.2™-2009

<For Europe>

Model: LE-C1

Date: 7-Aug-17

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Paper Documents

- D259-7501 Read This First
- D259-7521 Start Guide
- D150-1469A Note to users EU Countries
- D219-7074 Notes for Using This Machine Safely
- D219-7475A Note to users
- D241-7083 Notes for Users
- D241-7178 NOTICE TO USERS
- D241-7238 SOFTWARE LICENSE AGREEMENT
- D259-7532 Notes for Application Site Users
- D3BR-4506 For Users of This Product

Online Document Set 1

- D259-7875 About This Machine
- D259-7876 Copy/ Document Server
- D259-7877 Fax
- D259-7878 Print
- D259-7879 Scan
- D259-7880 Troubleshooting
- D259-7881 Connecting the Machine/System Settings
- D259-7882 PostScript 3
- D259-7883 Security Guide
- D259-7884 Extended Feature Settings

Online Document Set 2

- D259-7885 User Guide

Online Document Set 3

- D259-7886 Operating Instructions Driver Installation Guide

Online Document Set 4

- D259-7887 About Open Source Software License

Online Document Set 5

- D146-7587 Notes on Security Functions
- D259-7530 Notes for Administrators:
Using This Machine in a Network Environment
Compliant with IEEE Std 2600.2™-2009

<For Asia>

Paper Documents

- D259-7503 Read This First
- D219-7454 For Users of This Product
- D219-7475A Note to users

Model: LE-C1

Date: 7-Aug-17

No.: RD259065

- D241-7096 Notes for Users
- D241-7238 SOFTWARE LICENSE AGREEMENT
- D259-7522 Start Guide
- D241-7178 NOTICE TO USERS
- D259-7813 Notes for Using This Machine Safely
- D259-7532 Notes for Application Site Users

Online Document Set 1

- D259-7875 About This Machine
- D259-7876 Copy/ Document Server
- D259-7877 Fax
- D259-7878 Print
- D259-7879 Scan
- D259-7880 Troubleshooting
- D259-7881 Connecting the Machine/System Settings
- D259-7882 PostScript 3
- D259-7883 Security Guide
- D259-7884 Extended Feature Settings

Online Document Set 2

- D259-7885 User Guide

Online Document Set 3

- D259-7886 Operating Instructions Driver Installation Guide

Online Document Set 4




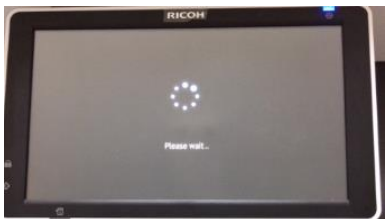
- D259-7887 About Open Source Software License

Online Document Set 5

- D146-7587 Notes on Security Functions
- D259-7530 Notes for Administrators:
Using This Machine in a Network Environment
Compliant with IEEE Std 2600.2™-2009

Model: Lef-C1		Date: 27-Dec-17	No.: RD259067
Subject: Trouble shooting: Smart Operation Panel Issues		Prepared by: Y. Taniguchi	
From: Field Quality Management Group1, FQM Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Troubleshooting for the Smart Operation Panel

No	Symptom		Cause	Solution
1	Both the Smart Operation Panel and the blue LED on the operation panel do not turn on. 	HW	The Smart Operation Panel cannot be supplied with electrical power.	1. Reconnect the USB cable and harness between the BiCU and the Smart Operation Panel. 2. Replace the USB cable and harness. 3. Replace the Main board. 4. Replace the Sub board. 5. Replace the BiCU.
2	The Smart Operation Panel does not turn on, but the blue LED on the operation panel turns on. 	HW	The Smart Operation Panel can be supplied with electrical power (blue LED lamp), but nothing can be displayed on the LCD.	1. Reconnect the LCD I/F cable. 2. Replace the LCD unit 3. Replace the Sub board. 4. Replace the LCD I/F cable.
3	A splash (blue) screen or "Please wait" message stays on the display.  	SW HW	The Smart Operation Panel and LCD can be supplied with electrical power, but software issues occur during the boot-up sequence. Firmware or eMMC data on the Main board is defective.	1. Update the Cheetah System firmware to the latest version in recovery mode. 2. Do a factory reset 3. Replace the Main board.

* HW: Hardware issue, SW: Software issue

Model: Lef-C1

Date:27-Dec-17

No.: RD259067

Components to Check during the Troubleshooting

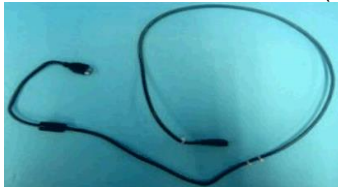
1. Main board



2. Sub board



3. USB cable and harness(no image)



4. Connection between USB cable and harness and main board



5. Connection between USB cable/harness and BiCU

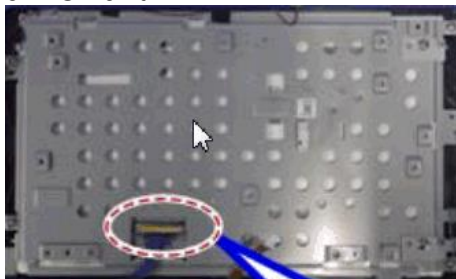


Model: Lef-C1

Date:27-Dec-17

No.: RD259067

6. LCD unit



7. LCD I/F cable



Model: Lef-C1		Date: 2-Feb-18	No.: RD259068
Subject: Toner Bottle replacement message does not disappear due to toner coagulation in Toner Supply Pipe		Prepared by: Y.Taniguchi	
From: Field Quality Management Group1, FQM Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input checked="" 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 (Notice about specification)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

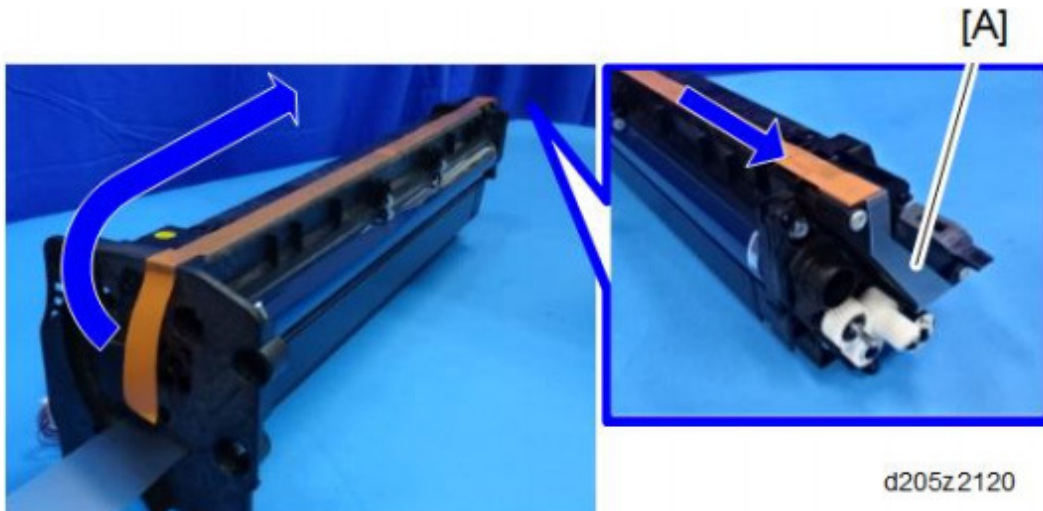
SYMPTOM

Toner Bottle replacement message does not disappear even the Toner Bottle is not empty.

Note: The symptom disappears temporarily if the PCDU is replaced but will recur within approximately 1,000 sheets printed. Once the symptom occurs, it cannot be resolved unless the toner supply pipe is replaced.

CAUSE

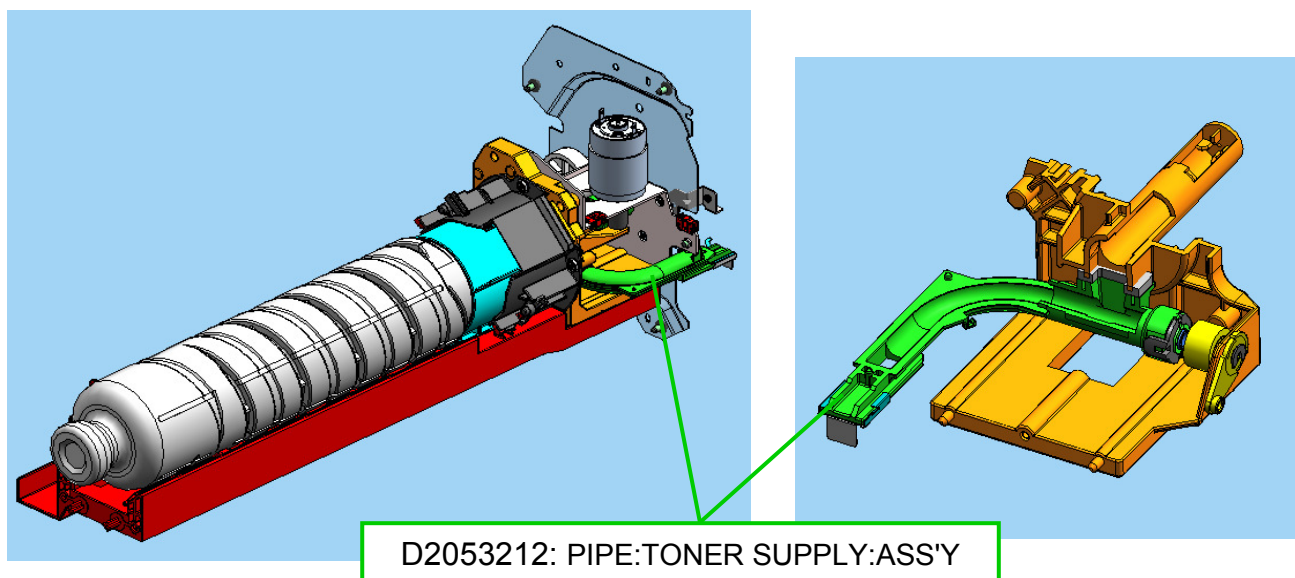
The protective sheet [A] is not removed at machine installation or PCDU replacement. As a result, toner coagulates and clogs inside the toner supply pipe (machine-side).



SOLUTION

- **Make sure to remove the protective sheet** at machine installation and whenever you replace the PCDU.
- If the symptom has already occurred, replace the toner supply pipe (P/N: D2053212).

P/N	Description	Q'ty
D2053212	PIPE:TONER SUPPLY:ASS'Y	1



Model: Lef-C1		Date: 2-Feb-18	No.: RD259069
Subject: Cannot print FAX document with Memory Lock function		Prepared by: Y. Taniguchi	
From: 1 st FQM Sect, 1 st FQM Dept.			
Classification:	<input checked="" 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 checked="" type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

SYMPTOM

FAX documents received via Memory Lock function cannot be printed when the following set of conditions is met:

- GWFCU firmware ver. **04.00.00 or 05.00.00**.
- Memory Lock function is **enabled** (default: Disabled)
- A3 or DLT reception is **enabled** (default: Disabled)
- Printing of FAX documents onto A3 or DLT sheet fed from the By-pass tray is interrupted by Paper End or a paper jam.

Note: FAX documents received when this issue occurs are stored in the machine until the storage limit is reached. After this point, the machine begins deleting documents beginning with the oldest ones in storage. Documents in storage can be printed out once the modified firmware GWFCU version is installed.

CAUSE

Regression of GWFCU Firmware (ver 04.00.00 and 5.00.00).

SOLUTION

Production line:

The modified firmware is applied to the production line.

In the field:

Update GWFCU Firmware to the modified version or later.

Firmware name	P/N	Version
GWFCU3.8-10 (WW)	D3B35599H	06.00.00

Model: Lef-C1		Date: 8-Feb-18	No.: RD259070
Subject: DO NOT install Legacy UI firmware v1.20		Prepared by: T. Kiyohara	
From: Field Quality Management Group1, FQM 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

IMPORTANT Notice about Legacy UI Firmware v1.20

- **DO NOT install** the following Legacy UI firmware on machines in the field:

Note: These versions are no longer released/available.

- This is because with this version, the following symptoms occur with the Smart Operation Panel when Legacy mode is used.
 - Cannot access user settings.
 - Legacy application cannot boot-up.
 - "Please wait" remains displayed.

Affected models: Met-C2abcdeyz, Met-C2.1abcdeyz, Met-P2, Cor-C1.5, Cor-P1.5, Brz, Ch-C2, Gim-MF1.5, Gr-C2, Gr-C3, Le-C1 and Mt-C6

- To avoid this, install Legacy UI **v1.19 or older**.

Model: Lef-C1		Date: 22-May-18	No.: RD259071
Subject: FSM correction for SP5-886(Controller)		Prepared by: T. Tachibana	
From: 1st Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Service Manual Correction:

Please add the descriptions **in blue** to your field service manual.

Appendices > 3. SP Mode Tables > Service Program Mode > Main SP Tables-5 (Controller) (P.92)

5886	[Farm Update Setting]		
5-886-100	Skip Version Check	CTL	[0 or 1 / 0 / 1/step] 0: ON, 1: OFF
5-886-101	Skip LR Check	CTL	[0 or 1 / 0 / 1/step] 0: ON, 1: OFF
5-886-111	Auto Update Setting	CTL*	[0 or 1 / 0 / 1/step] DFU 0: OFF, 1: ON
5-886-112	Auto Update Prohibit Term Setting	CTL*	[0 or 1 / 1 / 1/step] DFU 0: OFF, 1: ON
5-886-113	Auto Update Prohibit Start hour	CTL*	[0 to 23 / 9 / 1 hour/step] DFU
5-886-114	Auto Update Prohibit End hour	CTL*	[0 to 23 / 17 / 1 hour/step] DFU
5-886-115	SFU Auto Download Setting	CTL*	[0 or 1 / 0 / 1/step] 0: OFF, 1: ON
5-886-116	Auto Update Next Date	CTL*	[0 to 0 / 0 / 0]
5-886-117	Auto Update Retry Interval Hour	CTL*	[1 to 24 / 1 / 1 hour/step]
5-886-119	Auto Update @Remote Using Setting	CTL*	[0 or 1 / 0 / 1/step] 0: OFF, 1: ON
5-886-120	Auto Update Prohibit Day of Week Setting	CTL*	[0x00 to 0xffff / 0x00 / 1 / step] DFU
5-886-150	Cheetah Firm Exclusion	CTL*	[0 or 1 / 0 / 1/step] DFU
5-886-201	Restore Date	CTL*	[0 to 0 / 0 / 0]
5-886-202	Save Old Version List	CTL	[0 to 0 / 0 / 0]

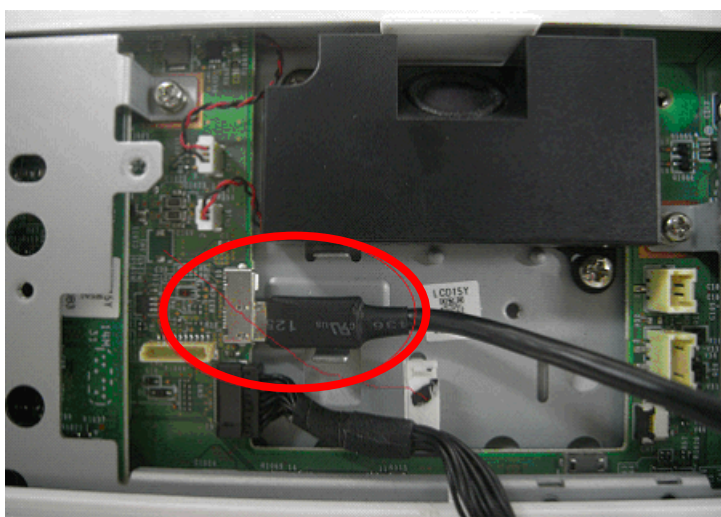
Model: Lef-C1		Date: 1-Jun-18	No.: RD259072
Subject: FSM correction: when reinstalling the SOP USB cable		Prepared by: T. Tachibana	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Please add the following description after the operation panel replacement procedure.

4. Replacement and Adjustment > Operation Panel (P184)

↓ Note

When reconnecting the USB cable, make sure it is connected in the right location. If it is not connected correctly, SC672-11 is displayed.



Model: Lef-C1		Date: 30-Jul-18	No.: RD259073
Subject: FSM Correction for Paper Type Capacity		Prepared by: T. Tachibana	
From: 1st Tech Service Sect., MFP/P 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 type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 0.5

Service Manual Correction:

Please add the table to your field service manual.

Appendices > 1. Specifications > Mainframe (P5)

Paper Type Capacity	Standard Tray	Plain Paper, Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Prepunched Paper, Bond Paper, Card Stock, Special Paper,
	Bypass Tray	Plain Paper, Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Prepunched Paper, Bond Paper, OHP, Label Paper, Envelope, Card Stock, Special Paper
	Optional Tray	Plain Paper, Recycled Paper, Color Paper, Letterhead, Preprinted Paper, Prepunched Paper, Bond Paper, Card Stock, Special Paper

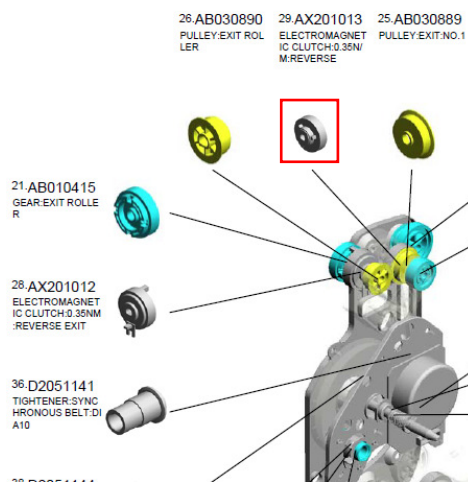
Note: Duplexing prepunched 3-hole paper is only supported from the bypass short edge feed.

Model: Lef-C1		Date: 2-Aug-18	No.: RD259074
Subject: JAM 65 (Duplex Jam)		Prepared by: J. Mochizuki	
From: Overseas Field Info Sec., OP/OS PQM Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input checked="" 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 type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

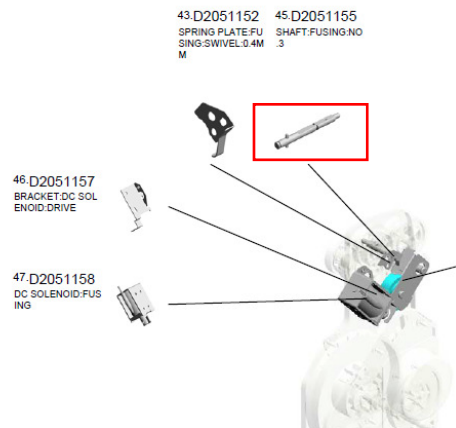
SYMPTOM

Paper jams (Jam code 065) frequently occur when making duplex prints. The shaft (D2051155) of the electromagnetic clutch (AX201013) is wet with oil and the problem is resolved after replacing the clutch.

U013
MAIN DRIVE



U013
MAIN DRIVE



CAUSE

Oil comes out from the bushing of the shaft when the temperature of the bushing increases by the fusing heat. The oil travels on the shaft and goes into the clutch causing the problem.

SOLUTION

In the field:

Replace the clutch (AX201013) and clean the shaft with dry cloth to remove remaining oil.

Mote:

When the oil from the bushing reaches the clutch causing jam 65, the oil contained in the bushing at that time is already much less than the original condition. So the problem hardly occurs repeatedly after the clutch is once replaced.

PERMANENT COUNTERMEASURE:

The bushing used for production will be changed to one that contains less oil.

Model: Lef-C1		Date: 7-Jan-19	No.: RD259075
subject: DO NOT install Legacy UI v1.23		Prepared by: T. Kiyohara	
From: Field Quality Management Group1, FQM 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 checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

IMPORTANT Notice about Legacy UI v1.23

- **DO NOT install** the following Legacy UI firmware on machines in the field.

Note: These versions are no longer released/available.

Firmware	version	P/N
Legacy UI	1.23	D2411439_for EDC

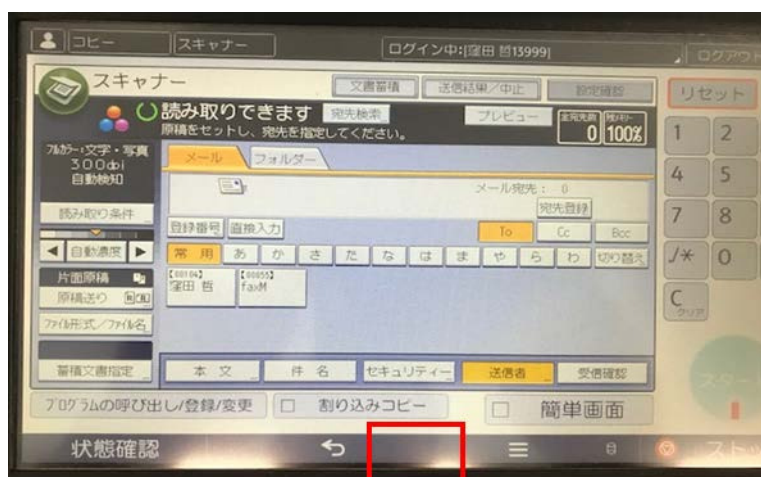
Affected models:

Brz-MF1/Ch-C2/Ch-C2Pro/Cor-C1.5/Cor-P1.5/Gim-MF1.5dM/Gr-C2_ch/Gri-C3/Lef-C1b/MT-C6/Met-C2.1abyz/Met-C2.1cde/Met-C2abyz/Met-C2cde/Met-P2(EXP)

- This is because there is a bug with the operation panel feature.

Specifically:

With firmware combination **#3** below, the Home button is not displayed, making it impossible to switch between applications.



Comb.	CheetahSystem	LegacyUI	Result
1	1.30 or older	1.22 or older	Good

Technical Bulletin

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Model: Lef-C1	Date: 7-Jan-19	No.: RD259075
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2	1.31 or newer	1.22 or older	Good
3	1.30 or older	1.23 or newer	Problem occurs
4	1.31 or newer	1.23 or newer	Good

- To ensure this does not occur, ~~downgrade the Legacy UI to ver. 1.22.~~ **Update the Cheetah System to 1.31 or newer.**

Model: Lef-C1		Date: 28-Aug-19	No.: RD259076
Subject: PtoP Diagram Update: JCN of D2595200		Prepared by: T. Tachibana	
From: 1st Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Change: The junction connector parts included with D2595200 (HARNESS:BICU:POWER SUPPLY UNIT) can now be ordered individually.

Reason: To satisfy requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note 1	Note
11024473	CT CONNECTOR - 2P	1		PtoP	D-6	JCN1	This is included with D2595200.
		1			C-6	JCN4	
		1			E-6	JCN5	
		1			E-6	JCN6	
		1			E-6	JCN10	
		1			E-2	JCN14	
		1			E-2	JCN16	
11024924	CT CONNECTOR - 4P	1		PtoP	D-6	JCN2	
		1			E-6	JCN18	
11024559	CONNECTOR - 3P	1		PtoP	E-6	JCN8	
		1			E-6	JCN9	
		1			E-6	JCN12	
		1			E-2	JCN15	
11025195	CONNECTOR - 5P	1		PtoP	F-6	JCN21	

Model: Lef-C1		Date: 6-Sep-19	No.: RD259077
Subject: JAM 20		Prepared by: J. Mochizuki	
From: Overseas Field Info Sec., OP PQM Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

SYMPTOM

Paper exit jams (Jam code 020) occur frequently, especially when the inside of the printer is cold (such as in the morning).

CAUSE

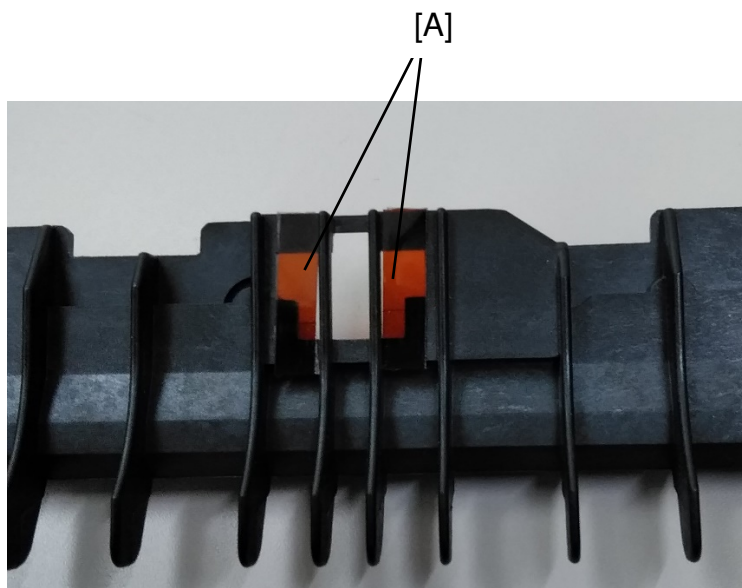
The heat from the fusing process causes the oil-based components in the toner to evaporate and gradually accumulate on the shaft of the exit sensor feeler. If the inside of the printer is cold, the oil solidifies and interferes with the movement of the feeler.

SOLUTION

Production line (permanent):

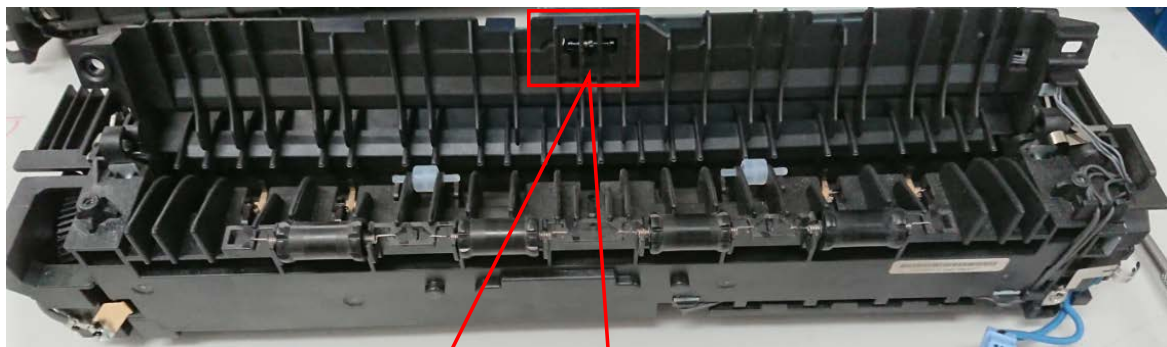
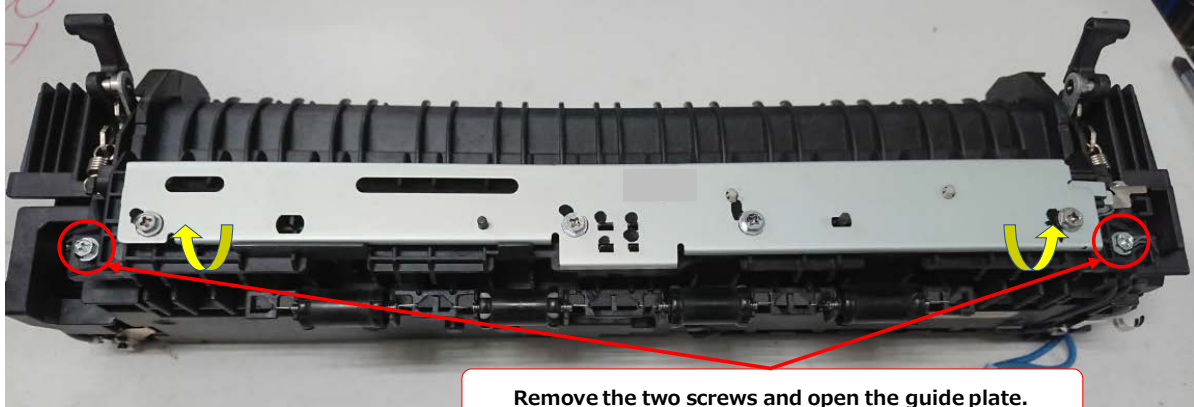
Two plastic seals [A] (D2054409) were added to cover the opening of the fusing unit guide (which will block the airflow toward the sensor).

Applied from: May 2019 production



In the field:

Attach the Mylars as shown below.



Paste the two Mylar sheets as shown below.

		Note
A	0-1mm	Align the Mylar edge with the edge of the guide.
B	0-0.5mm	Paste the Mylar with no gap from the rib.

