Model: **BRG-G1b**	Date: 8-May-12	No.: RJ028001k

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

Subject: Firmware Release Note: Engine/Controller	Prepared by: Y. Saitoh
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other (Firmware)	☒ Tier 2

This RTB has been issued to announce the firmware release information for the
Engine/**Controller**.

Version	Program No.	Effective Date	Availability of RFU
2.4.0	**J0285610L_P1b_v240**	**October 2016 production**	**Not Available**
2.3.1	J0285610K_P1b_v231	June 2016 production	Not Available
2.3.0	J0285610J_P1b_v230	April 2016 production	Not Available
2.1.1	J0285610G_P1b_211	October 2014 production	Not Available
2.0.9	J0285614F_v209	March 2014 production	Not Available
2.0.6	J0285614F_TC120617	June 2013 production	Not Available
2.0.4	J0285614F	April 2013 production	Not Available
1.2.2	J0285614E_RPCSE1020	March 2013 production	Not Available
1.2.0	J0285614E	December 2012 production	Not Available
1.1.2	J0285614D	October 2012 production	Not Available
1.1.0	J0285614C	July 2012 production	Not Available
1.0.8	J0285614B	May 2012 production	Not Available
1.0.0	J0285614	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
2.4.0	**Other Changes:** - **Support for the Lot 6 regulation.** **Symptom Corrected:** - **The system cannot recover from the energy saving mode, if a USB cable is connected to the machine during energy saving mode.**
2.3.1	Symptom Corrected: The LED does not light up in the correct sequence, if the network cable is connected to the machine.
2.3.0	Specification Change: - Support for the Portuguese orthography. Error Correction: - The printer may not recover from Energy Saver mode. - Version information of Web Image Monitor for Windows 10 appears in garbled

Model: **BRG-G1b**	Date: 8-May-12	No.: RJ028001k

Version	Modified Points or Symptom Corrected
	characters. - Printer may stall when printing particular websites using Internet Explorer.
2.1.1	Symptoms corrected: 1. Occasionally printing stops between pages. 2. Left edge of image is erased when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 3. Occasionally image is printed outside of the paper width (on the belt) when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 4. Other minor bugs.
2.0.9	Symptoms corrected: 1. The image may shift about 1mm from the second page on. 2. The printer may not power up after the firmware is updated. (To clear the condition, the power cord needs to be unplugged and plugged back in). 3. The printer may not recover from Energy Saver mode if a cover is opened right after the machine enters the mode. 4. The System Timer of the printer is not accurate. 5. Other minor bugs were fixed.
2.0.6	Symptoms corrected: 1. Occasionally one of the two option trays is not recognized when the printer is turned on. 2. The drive motor may not stop rotation after opening the duplex unit cover for jam removal. 3. Paper size error may occur when using the by-pass tray. 4. The printer stalls when ink end and paper end occurs at the same time. 5. Some settings are not reset when initializing the network setting. 6. Occasionally the ink status is not correctly indicated on Web Image Monitor. 7. Other minor bugs.
2.0.4	Symptoms corrected: 1. A firmware update may be interrupted if a print job is sent via WIM while the update is in progress. 2. The incorrect IP address is sent to the @Remote center server when DHCP is selected. 3. Other minor bugs were corrected. Other changes: Supports Embedded RC Gate functions.
1.2.2	Symptoms corrected: 1. Printer hangs after ejecting a blank sheet. 2. Occasionally a print job is automatically canceled during network printing. 3. E-mails are sent out even if Off is selected for the mail notification setting. 4. Half tone on the right edge of print becomes partially uneven. 5. Printer hangs during a long print job. 6. Other minor bugs
1.2.0	Specification Change: 1. Functions of user code registration and access control have been added. 2. User operation for wireless LAN setting has been improved. Symptom corrected: "Tray 3 rear cover open" is mis-detected even if the optional tray is not installed.

Model: **BRG-G1b**	Date: 8-May-12	No.: RJ028001k

Version	Modified Points or Symptom Corrected
1.1.2	Symptoms corrected: Occasionally black counter counts up for duplex prints of color image. Occasionally main power turns off during energy saver mode. Other minor bugs
1.1.0	Symptoms corrected: The printer performs unnecessary head cleaning if the user changes the time setting from the operation panel. The Finnish wording for "Duplex Print" has been corrected. An incorrect font is used for some languages. Vertical magenta lines may appear broken (not continuous) when printing out the nozzle check pattern. Other minor bugs were corrected.
1.0.8	Symptoms corrected from version 1.0.1 to 1.0.8: Auto tray switching sometimes does not work when paper runs out. Polish characters on the counter page are garbled. "Printing" message does not disappear when duplex prints are made with "mixed size" original. Paper end message is displayed after printing one page if another tray is selected to continue the print after paper runs out of the tray. LCD display turns off when detaching the optional bypass tray or paper tray. The machine rarely does not recover from Energy Saver mode when receiving a print job. Characters are slightly blurred if the width of the image area in main scan direction is narrow. The drive motor control has been modified to improve the stability of the carriage movement. Other minor bugs
1.0.0	1st Mass production

Reissued: 31-Mar-17

Model: **BRG-G1c**	Date: 08-May-12	No.: RJ028002n

RTB Reissue

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

Subject: Firmware Release Note: Engine/Controller		Prepared by: Y. Saitoh
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.		
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☒ Other (Firmware)	☐ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier 2

This RTB has been issued to announce the firmware release information for the **Engine**/**Controller**.

Version	Program No.	Effective Date	Availability of RFU
2.4.1	**J0285610L_P1c_v241**	**March 2017 production**	**Not Available**
2.4.0	J0285610L_P1c_v240	October 2016 production	Not Available
2.3.1	J0285610K_P1c_v231	June 2016 production	Not Available
2.3.0	J0285610J_P1c_v230	April 2016 production	Not Available
2.2.0	J0285610H_P1c_220	October 2015 production	Not Available
2.1.1	J0285610G_P1c_211	October 2014 production	Not Available
2.0.9	J0295614F_v209	March 2014 production	Not Available
2.0.6	J0295614F_TC120617	June 2013 production	Not Available
2.0.4	J0295614F	April 2013 production	Not Available
1.2.2	J0295614E_RPCSE1020	March 2013 production	Not Available
1.2.0	J0295614E	December 2012 production	Not Available
1.1.2	J0295614D	October 2012 production	Not Available
1.1.0	J0295614C	July 2012 production	Not Available
1.0.8	J0295614B	May 2012 production	Not Available
1.0.0	J0295614	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
2.4.1	**Other Change:** **Improved the connectivity of wireless LAN.**
2.4.0	Other Changes: - Support for the Lot 6 regulation. Symptom Corrected: - The system cannot recover from the energy saving mode, if a USB cable is connected to the machine during energy saving mode.
2.3.1	Symptom Corrected: The LED does not light up in the correct sequence, if the network cable is connected to the machine.
2.3.0	Specification Change: - Support for the Portuguese orthography.

RICOH

Model: **BRG-G1c**	Date: 08-May-12	No.: RJ028002n

Version	Modified Points or Symptom Corrected
	Error Correction: - The printer may not recover from Energy Saver mode. - Version information of Web Image Monitor for Windows 10 appears in garbled characters. - Printer may stall when printing particular websites using Internet Explorer.
2.2.0	Error Correction: Network security was enhanced.
2.1.1	Symptoms corrected: 1. Occasionally printing stops between pages. 2. Left edge of image is erased when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 3. Occasionally image is printed outside of the paper width (on the belt) when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 4. Other minor bugs.
2.0.9	Symptoms corrected: 1. The image may shift about 1mm from the second page on. 2. The printer may not power up after the firmware is updated. (To clear the condition, the power cord needs to be unplugged and plugged back in). 3. The printer may not recover from Energy Saver mode if a cover is opened right after the machine enters the mode. 4. The System Timer of the printer is not accurate. 5. Other minor bugs were fixed.
2.0.6	Symptoms corrected: 1. Occasionally one of the two option trays is not recognized when the printer is turned on. 2. The drive motor may not stop rotation after opening the duplex unit cover for jam removal. 3. Paper size error may occur when using the by-pass tray. 4. The printer stalls when ink end and paper end occurs at the same time. 5. Some settings are not reset when initializing the network setting. 6. Occasionally the ink status is not correctly indicated on Web Image Monitor. 7. Other minor bugs.
2.0.4	Symptoms corrected: 1. A firmware update may be interrupted if a print job is sent via WIM while the update is in progress. 2. The incorrect IP address is sent to the @Remote center server when DHCP is selected. 3. Other minor bugs were corrected. Other changes: Supports Embedded RC Gate functions.
1.2.2	Symptoms corrected: 1. Printer hangs after ejecting a blank sheet. 2. Occasionally a print job is automatically canceled during network printing. 3. E-mails are sent out even if Off is selected for the mail notification setting. 4. Half tone on the right edge of print becomes partially uneven. 5. Printer hangs during a long print job. 6. Other minor bugs

Model: **BRG-G1c**	Date: 08-May-12	No.: RJ028002n

Version	Modified Points or Symptom Corrected
1.2.0	Specification Change: 1. Functions of user code registration and access control have been added. 2. User operation for wireless LAN setting has been improved. Symptom corrected: "Tray 3 rear cover open" is mis-detected even if the optional tray is not installed.
1.1.2	Symptoms corrected: Occasionally black counter counts up for duplex prints of color image. Occasionally main power turns off during energy saver mode. Other minor bugs
1.1.0	Symptoms corrected: The printer performs unnecessary head cleaning if the user changes the time setting from the operation panel. The Finnish wording for "Duplex Print" has been corrected. An incorrect font is used for some languages. Vertical magenta lines may appear broken (not continuous) when printing out the nozzle check pattern. Other minor bugs were corrected.
1.0.8	Symptoms corrected from version 1.0.1 to 1.0.8: Auto tray switching sometimes does not work when paper runs out. Polish characters on the counter page are garbled. "Printing" message does not disappear when duplex prints are made with "mixed size" original. Paper end message is displayed after printing one page if another tray is selected to continue the print after paper runs out of the tray. LCD display turns off when detaching the optional bypass tray or paper tray. The machine rarely does not recover from Energy Saver mode when receiving a print job. Characters are slightly blurred if the width of the image area in main scan direction is narrow. The drive motor control has been modified to improve the stability of the carriage movement. Other minor bugs
1.0.0	1st Mass production

Model: **BRG-G1L**	Date: 08-May-12	No.: RJ028003j

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

Subject: Firmware Release Note: Engine/Controller	Prepared by: Y. Saitoh
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other (Firmware)	☒ Tier 2

This RTB has been issued to announce the firmware release information for the
Engine/**Controller**.

Version	Program No.	Effective Date	Availability of RFU
2.3.0	***J0255620A_P1LEXP_230***	***June 2016 production***	***Not Available***
2.1.1	J0255620_P1LEXP_211	October 2014 production	Not Available
2.0.9	J0255614E_209	February 2014 production	Not Available
2.0.7	J0255614E_207	August 2013 production	Not Available
2.0.6	J0255614E_TC120617	June 2013 production	Not Available
2.0.4	J0255614E	April 2013 production	Not Available
1.2.2	J0255614D_RPCSE1020	March 2013 production	Not Available
1.2.0	J0255614C	December 2012 production	Not Available
1.1.1	J0255614A-SYOUENE	October 2012 production	Not Available
1.0.9	J0255614A	July 2012 production	Not Available
1.0.8	J0255614	May 2012 production	Not Available
1.0.0	J0255604	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
2.3.0	***Specification Change:*** - ***Support of the revised Portuguese orthography.*** ***Error Correction:*** - ***Version information of Web Image Monitor for Windows 10 appears in garbled characters.*** - ***Security enhanced for Logjam Attack.***
2.1.1	Symptoms corrected: 1. Occasionally printing stops between pages. 2. Left edge of image is erased when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 3. Occasionally image is printed outside of the paper width (on the belt) when "Use Preprinted/Prepunched Paper" is selected on the Paper tab. 4. Other minor bugs.
2.0.9	Symptoms corrected: 1. The image may shift about 1mm from the second page on.

Model: **BRG-G1L**	Date: 08-May-12	No.: RJ028003j

	2. The printer may not power up after the firmware is updated. (To clear the condition, the power cord needs to be unplugged and plugged back in).
	3. The printer may not recover from Energy Saver mode if a cover is opened right after the machine enters the mode.
	4. The System Timer of the printer is not accurate.
	5. Other minor bugs were fixed.
2.0.7	Symptoms corrected: Printer may stall when a print Job is sent during Energy Saver mode.
2.0.6	Symptoms corrected: 1. Occasionally one of the two option trays is not recognized when the printer is turned on. 2. The drive motor may not stop rotation after opening the duplex unit cover for jam removal. 3. Paper size error may occur when using the by-pass tray. 4. The printer stalls when ink end and paper end occurs at the same time. 5. Some settings are not reset when initializing the network setting. 6. Occasionally the ink status is not correctly indicated on Web Image Monitor. 7. Other minor bugs.
2.0.4	Symptoms corrected: 1. A firmware update may be interrupted if a print job is sent via WIM while the update is in progress. 2. The incorrect IP address is sent to the @Remote center server when DHCP is selected. 3. Other minor bugs were corrected. Other changes: Supports Embedded RC Gate functions.
1.2.2	Symptoms corrected: 1. Printer hangs after ejecting a blank sheet. 2. Occasionally a print job is automatically canceled during network printing. 3. E-mails are sent out even if Off is selected for the mail notification setting. 4. Half tone on the right edge of print becomes partially uneven. 5. Printer hangs during a long print job. 6. Other minor bugs
1.2.0	Specification Change: 1. Functions of user code registration and access control have been added. 2. User operation for wireless LAN setting has been improved. Symptom corrected: "Tray 3 rear cover open" is mis-detected even if the optional tray is not installed.
1.1.1	Modifications from ver. 1.0.9 to 1.1.1. Symptoms corrected: Occasionally main power turns off during energy saver mode.
1.0.9	Symptoms corrected: 1. The printer performs unnecessary head cleaning if the user changes the time setting from the operation panel. 2. The Finnish wording for "Duplex Print" has been corrected. 3. An incorrect font is used for some languages. 4. Vertical magenta lines may appear broken (not continuous) when printing out the nozzle check pattern. 5. Other minor bugs were corrected.

Model: **BRG-G1L**	Date: 08-May-12	No.: RJ028003j

1.0.8	Symptoms corrected from version 1.0.1 to 1.0.8: 1. Auto tray switching sometimes does not work when paper runs out. 2. Polish characters on the counter page are garbled. 3. "Printing" message does not disappear when duplex prints are made with "mixed size" original. 4. Paper end message is displayed after printing one page if another tray is selected to continue the print after paper runs out of the tray. 5. LCD display turns off when detaching the optional bypass tray or paper tray. 6. The machine rarely does not recover from Energy Saver mode when receiving a print job. 7. Characters are slightly blurred if the width of the image area in main scan direction is narrow. The drive motor control has been modified to improve the stability of the carriage movement. 8. Other minor bugs
1.0.0	1st Mass production

Model: BRG-G1	Date: 19-Dec-12	No.: RJ028004

Subject: No display on the operation panel			Prepared by: Yoh Ohi	
From: 3rd Tech Service Sect.,MFP/P Tech Service Dept.				
Classification:	☒ Troubleshooting	☐ Part information	☐ Action required	
	☐ Mechanical	☐ Electrical	☐ Service manual revision	
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information	
	☐ Product Safety	☐ Other ( )	☒ Tier 2	

SYMPTOM

Nothing is displayed on the LCD after the main switch is turned on, and the main power cannot be turned off with the main switch.

CAUSE

The customer mistakenly connects a USB cable or LAN cable to the drawer connector of the by-pass tray while the machine power is still on. As a result, over-current may flow through the controller board circuit and damage the transistor.

Note: There is no possibility of damage to the PC.

The following show the correct and incorrect ways to connect the drawer connector (photos show the rear side of the machine):

CORRECT connection of the drawer connector:

INCORRECT connection of the drawer connector:

LAN cable	USB cable (small end)	USB cable (large end)

Model: BRG-G1	Date: 19-Dec-12	No.: RJ028004

SOLUTION

Production line

The controller board circuit has been modified to protect the board from over-current.
   Applied from: March 2012 production

In the field

Do the following if the symptom occurs:

- Replace the controller board.
- Advise the customer never to connect a USB or LAN cable to the drawer connector port. Also advise the customer on the correct ports to connect the LAN and USB cables, as shown in the photos below.
-

The following show the correct ports to connect the USB and LAN cables to (photos show the left side of the machine):

LAN cable

USB cable (small end)

Model: BRG-G1L	Date: 20-Dec-12	No.: RJ028005a

Subject: Broken Pivot of Roller Tension Spring	Prepared by: Junji Mochizuki
From: 3rd Tech Service Sect.,MFP/P Tech Service Dept.	

Classification:	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

RTB Reissue: A retrofit part number has been registered.

SYMPTOM

The fulcrum for the roller tension spring breaks.

> **Note:** With normal paper types, paper jams and paper skew do not occur. With thick or small-sized paper types, a paper jam may occur.
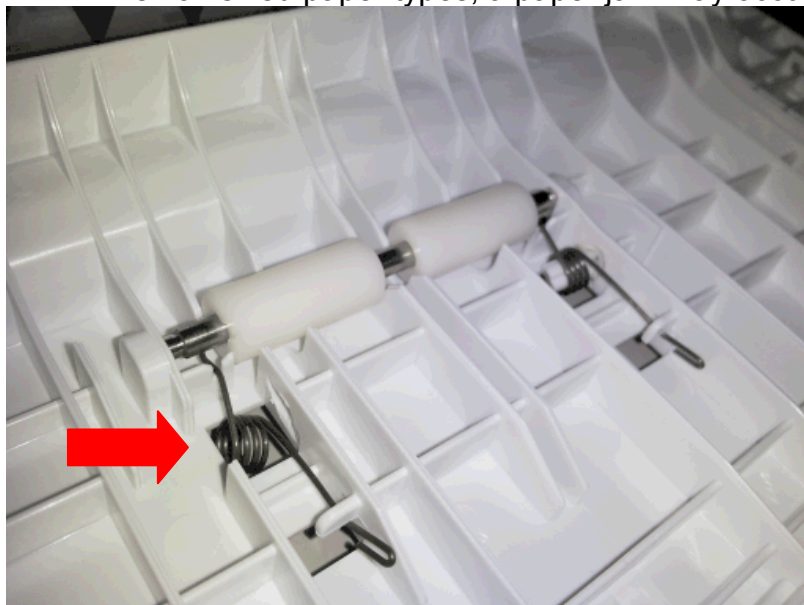
CAUSE

The oil on the tension spring causes the plastic pivot to corrode, reducing its strength.

SOLUTION
Production line

The tension spring was changed to an oil-free nickel-plated spring (Applied from: Sept. 2012 production).

In the field

If a paper jam or paper skew occurs due to a broken fulcrum, replace the guide plate assembly (**J0252758**). If this problem occurs, a replacement part can be ordered with a retrofit part number **J0271551** (=J0252758).

> **Note:** All service parts in stock have been replaced with modified ones.

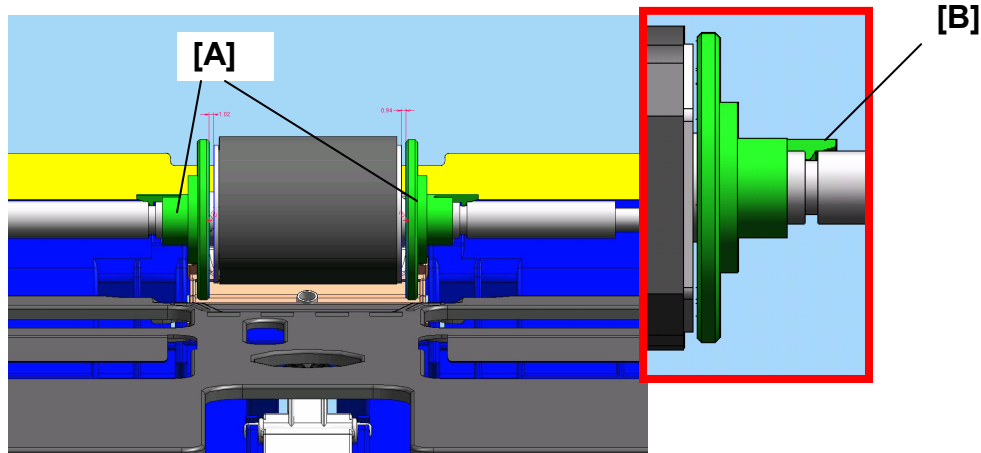| Model: BRG-G1	Date: 18-Mar-13	No.: RJ028006

Subject: Collar – Paper Feed Roller		Prepared by: Junji Mochizuki
From: 3rd Tech Service Sect.,MFP/P Tech Service Dept.		
Classification:	☐ Troubleshooting ☒ Part information ☐ Action required	
	☐ Mechanical ☐ Electrical ☐ Service manual revision	
	☐ Paper path ☐ Transmit/receive ☐ Retrofit information	
	☐ Product Safety ☐ Other ( ) ☐ Tier 2	

.
To eliminate the scraping noise of the feed roller collars [A], the stopper [B] of the collar has been changed to a retaining ring [C]. The shaft [D] of the roller has also been changed to fit the groove with the retaining ring.
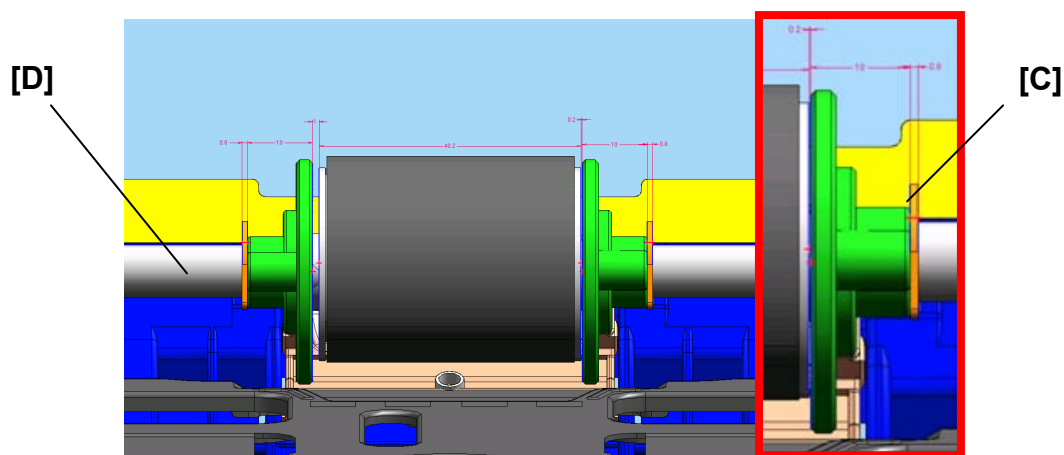
The part numbers have been changed as follows.

Old P/N	New P/N	Description	Q'ty	I/C	
J0253014	J0343014	Collar - Paper Feed Roller	2	X/X	X/O as a set
J0253045	J0253043	Shaft – Paper Feed	1	X/X	
	A0100011	Retaining Ring	2		

Old

New

| Model: BRG-G1 | Date: 18-Mar-13 | No.: RJ028006 |

Cut-in S/N

Model	Cut-in SN
J027-22	R602Q40001~
J027-27	R602Q40001~
J028-17	R612Q40001~
J028-22	R612Q40001~
J028-27	R612Q30035~
J029-17	R613Q40001~
J029-22	R613Q40001~
J029-27	R613Q40001~

Model: BRG-G1	Date: 12-Apr-12	No.: RJ028007

Subject: Installation Manual for Embedded RC Gate	Prepared by: Junji Mochizuki
From: 3rd Tech Service Sect, MFP/P Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other (@Remote)	☐ Tier 2

Device Registration Procedure for Embedded RC Gate

- @Remote connection via Embedded RC Gate is supported from firmware v2.0.4.
- This RTB contains the procedure for newly registering the device with the @Remote system via Embedded RC Gate.

Before registration
Obtain a Request Number using the @Remote Center GUI.
See the Center GUI Operator's Manual for how to do this.

Model: BRG-G1	Date: 12-Apr-12	No.: RJ028007

Main registration procedure

1. Confirm that firmware **v2.04 or newer** is installed.

   Note: The value of SP5816-201 (Regist Status) should be "0", which means the device has not yet been registered with @Remote.

Value of SP5816-201	Description	Possibility to install as embedded RC Gate
0	**This device is not registered as either Cumin or RC Gate.**	**Yes, possible**
1	This device is in the process of being registered as embedded RC Gate.	No, not possible
2	This device is registered as embedded RC Gate already.	No, not possible
3	This device is registered as a managed device under an RC Gate.	No, not possible
4	NRS module is not functioned in this device.	No, not possible

2. Access **SP5816-202** (Letter Number) and enter the 18-digit **request number** that you obtained from the @Remote Center GUI.
3. Press [Enter (OK)] 14 times until the display returns to the SP number indication.
4. Access **SP5816-203** (Confirm Execute) and press [Enter (OK)].
5. After "Running" disappears, press [Escape] until the display returns to the SP number indication.
6. Execute **SP5816-204** (Confirm Result) to check the results.
   Note: If the registration number is confirmed, "000" is displayed.

SP5816-204 Confirmation Result:

Value	Meaning	Solution/Workaround
000	**Succeeded**	**Congratulations!**
001	Request number error	Check request number again.
003	Communication error (proxy enabled)	Check network condition.
004	Communication error (proxy disabled)	Check network condition.
005	Proxy error (illegal user name or password)	Check proxy name and password.
006	Communication error	Check network condition
008	Other error	See SP5816-208 for concrete error codes
009	Request number confirmation executing	Processing… Please wait

7. Execute **SP5816-206** (Register Execute).
8. After "Running" disappears, press [Escape] until the display returns to the SP number indication.

Model: BRG-G1	Date: 12-Apr-12	No.: RJ028007

9. Execute **SP5816-207** (Resister Result) to check the results.
     Note: If the registration number is confirmed, "000" is displayed.

SP5816-207 Confirmation Result:

Value	Meaning	Solution/Workaround
000	**Succeeded**	**Congratulations!**
001	Request number error	Check request number again.
003	Communication error (proxy enabled)	Check network condition.
004	Communication error (proxy disabled)	Check network condition.
005	Proxy error (illegal user name or password)	Check proxy name and password.
006	Communication error	Check network condition
008	Other error	See SP5816-208 for concrete error codes
009	Request number confirmation executing	Processing… Please wait

10. Confirm that the value of **SP5816-201** (Regist Status) is "**2**".
     Note: This means that the printer has been registered successfully.

New SP Modes Added from v2.0.4 for @Remote

The following SP modes were added from v2.0.4 for @Remote support.

SP No.	Description	Setting Range	Default Setting
5-504	**Jam Alarm Interval**		
5-504-001	Jam Alarm	0: N 1: L 2: M 3: H	3
5-507	**Supply Alarm**		
5-507-003	Ink S/A Set (Ink End Alarm)	0: OFF 1: ON	1
5-507-006	Waste Ink S/A Set (Waste Ink Tank Alarm)	0: OFF 1: ON	1
5-507-021	Supply Call Display	0: OFF 1: ON	0
5-507-080	Supply Trigger	0: At Replacement 1: At Near End	0
5-515	**SC/Alarm Setting**		
5-515-001	SC Call Setting	0: OFF 1: ON	1
5-515-002	Parts Near End Set	0: OFF 1: ON	0
5-515-003	Parts End Set	0: OFF 1: ON	0
5-515-004	User Call Set	0: OFF 1: ON	1
5-515-006	Comm Test Set	0: OFF 1: ON	1
5-515-007	Dev Notice Set	0: OFF 1: ON	1
5-515-008	Alarm Notice	0: OFF 1: ON	0

Model: BRG-G1		Date: 12-Apr-12	No.: RJ028007

5-515-009	Non Genuine Ink Set	0: OFF 1: ON	1
5-515-010	Supply Auto Set	0: OFF 1: ON	1
5-515-011	Supply Manage Set	0: OFF 1: ON	1
5-515-012	Jam/ Door Open Set	0: OFF 1: ON	0
5-515-101	Error Alarm Level	0 to 10	5
5-515-102	Jam Count Level	0 to 255	20
5-811	**Machine Serial**		
5-811-003	ID2 Code	Up to 17 characters	-
5-812	Service Tel. No. Setting		
5-812-001	Service Tel No.	Up to 20 characters	-
5-812-003	Supply Tel No.	Up to 20 characters	-
5-816	**Remote Service**		
5-816-002	Exec CE Call	0: Start of the service 1: End of the service	
5-816-003	Function Flag (Remote service function)	0: Disabled 1: Enabled	0
5-816-021	RCG-C Registered	0: Not completed 1: Completed	0
5-816-025	GW URL	Up to 81 characters	"https://210.173. 216.40/i02/AS"
5-816-026	Polling Interval	60 to 99999	60
5-816-027	Connect Timeout	1 to 90	30
5-816-028	Send Timeout	1 to 100	30
5-816-029	Receive Timeout	1 to 100	30
5-816-030	Retry Interval	0 to 65535	3
5-816-031	Retry Count	0 to 255	3
5-816-032	Send Delay	0 to 255	5
5-816-033	Max Multipart	0 to 10	10
5-816-039	Rescue URL	Up to 81 characters	"https://210.173. 216.47/Rescue"
5-816-040	Reg. Notify Type	0: None 1: Monthly 2: Weekly 3. Dayly	0
5-816-041	Count Notify Type	0: None 1: Monthly 2: Weekly 3. Dayly	0
5-816-062	Use Proxy	0: Not use 1: Use	0
5-816-063	Proxy Host	Up to 128 characters	-
5-816-064	Proxy Port Number	0 to 65535	8080
5-816-065	Proxy User Name	Up to 31 characters	-
5-816-066	Proxy Password	Up to 31 characters	-
5-816-067	CERT: Up State	0 to 255	0
5-816-068	CERT: Error	0 to 255	0
5-816-069	CERT: Up ID	Up to 63 characters	-
5-816-087	CERT: Macro Ver.	Up to 8 characters	-
5-816-088	CERT:PAC Ver.	Up to 16 characters	-
5-816-102	Cipher Strength	0: 512 bit 2: 2048 bit	0

Model: BRG-G1		Date: 12-Apr-12	No.: RJ028007

5-816-121	CERT:GW URL	Up to 81 characters	-
5-816-122	CERT: Use Pass	0: Not use 1: Use	0
5-816-123	CERT: Pass Phrase	Up to 31 characters	-
5-816-124	CERT: Use MAC	0: Not use 1: Use	0
5-816-135	Reg. Notify Int.	0 to 4294967295	0
5-816-136	Reg. Notify Week	0: Sun 1: Mon 2: Tue 3: Wed 4: Thu 5: Fri 6: Sat	0
5-816-137	Count Notify Int.	0 to 4294967295	0
5-816-138	Count Notify Week	0: Sun 1: Mon 2: Tue 3: Wed 4: Thu 5: Fri 6: Sat	0
5-816-200	Execute Polling	-	-
5-816-201	Regist Status	Refer to page 2 of this document.	0
5-816-202	Letter Number	Up to 31 characters	-
5-816-203	Confirm Execute	-	-
5-816-204	Confirm Result	Refer to page 2 of this document.	0
5-816-205	Confirm Place	Up to 127 characters	-
5-816-206	Register Execute	-	-
5-816-207	Register Result	Refer to page 3 of this document.	0
5-816-208	Error Code	-	0

	-2387	Not supported at the service center
	-2389	Database out of service
	-2390	Program out of service
	-2391	Tow registrations for same device
	-2392	Parameter error
	-2393	Basil not managed
	-2394	Device not managed
	-2395	Box ID for basil illegal
	-2396	Device ID for Basil is illegal
	-2397	Incorrect ID2 format
	-2398	Incorrect request number format
	-12003	Attempt registration without execution of an inquiry and no previous registration.
	-12004	Attempt setting with illegal entries for certification and ID2.
	-12006	A confirmation request was made after the confirmation had already been completed.
	-12008	Update certification failed because mainframe is in use.

5-816-209	Instl Clear	-	-

Reissued: 05-Oct-16

Model: **BRG-G1K**	Date: 19-Sep-13	No.: RJ028008c

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

Subject: Firmware Release Note: Engine/Controller	Prepared by: Y. Saitoh
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other (Firmware)	☒ Tier 2

This RTB has been issued to announce the firmware release information for the
Engine/Controller.

Version	Program No.	Effective Date	Availability of RFU
1.2.0	*J0355613C_120*	*October 2016 production*	*Not available*
1.1.0	J0355610B_110	January 2016 production	Not available
1.0.3	J0355610A_103	March 2014 production	Not available
1.0.2	J0355610A_102	-	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
1.2.0	*Other Changes:* - *Support for the Lot 6 regulation.* *Symptom Corrected:* - *The system cannot recover from the energy saving mode, if a USB cable is connected to the machine during energy saving mode.*
1.1.0	Specification Change: 1. Support of the revised Portuguese orthography. Error Correction: 1. The printer may not recover from Energy Saver mode. 2. Version information of Web Image Monitor for Windows 10 appears in garbled characters. 3. Security enhanced for Logjam Attack. 4. Printing may not resume even after recovering from a no-feed jam. 5. Machine may stall, if printed with particular settings. 6. Cannot print properly, if "Use Preprinted/Prepunched Paper" is selected in the "Detailed Setting" tab. 7. Printing envelopes or thick paper causes the printer to stall. 8. Print position is incorrect, if two images are imposed on the same page. 9. Bug in debug log. 10. Printer may stall when printing particular websites using Internet Explorer.
1.0.3	Symptoms corrected: 1. The image may shift about 1mm from the second page on.

Reissued: 05-Oct-16

Model: **BRG-G1K**	Date: 19-Sep-13	No.: RJ028008c

Version	Modified Points or Symptom Corrected
	2. The printer may not power up after the firmware is updated. (To clear the condition, the power cord needs to be unplugged and plugged back in). 3. The printer may not recover from Energy Saver mode if a cover is opened right after the machine enters the mode. 4. The System Timer of the printer is not accurate. 5. Other minor bugs were fixed.
1.0.2	Symptoms corrected: 1. Occasionally the print does not recover from Energy Saver mode when sending a print job or when pressing a key on the operation panel. 2. Occasionally the printer stalls when ink end is detected during printing (PCL only). 3. Occasionally a wrong tray is selected after recovering from paper end condition. 4. Paper size error may occur when using the by-pass tray. 5. Occasionally one of two option trays is not recognized when turning the printer on. 6. Other minor bugs.

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Technical Bulletin

Reissued:4-Jul-14

Model: BRG-G1 / BRG-P1W	Date: 3-Jun-14	No.: RJ028009a

RTB Reissue: The subject of this RTB has been changed.

Subject: Power Supply Unit and Harness	Prepared by: Junji Mochizuki
From: 3rd Tech Service Sect.,MFP/P Tech Service Dept.	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

Old part number	**New part number**	Description	Q'ty	Int	Note
J0255200	J0255202	POWER SUPPLY UNIT:100-120V	1 - 1	X/X	O/O as a set
J0255201	J0255203	POWER SUPPLY UNIT:220-240V	1 - 1		
J0255480	J0255481	HARNESS:INLET	1 - 1	X/X	

Change:

1) The shape of the PSU primary connector (CN1) was changed.

2) In accordance with this change, the shape of the harness connector that connects to CN1 was changed.

Reason: PSU vendor change

Important: If you need to replace the old PSU, order the new PSU and new harness and replace them **together as a set.**

Note: There are two pin holes in the old connector and three in the new one. The center hole of the new connector is not used.

Cut-in S/N:

Model	Serial No.
J02722	R603Q8XXXXX
J02727	R603Q701923
J02817	R613Q701896
J02822	R613Q8XXXXX
J02827	R613Q800518
J02917	R623QA00001
J02922	R623QAXXXXX
J02927	R623Q800001
J03417	R673Q800001
J03422	R673Q8XXXXX
J03427	R673Q800331
J03527	R703Q800001

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Technical **B**ulletin

Model: BRG-G1 / BRG-P1W	Date: 22-Oct-14	No.: RJ0280010

Subject: Harness - Carriage	Prepared by: Junji Mochizuki
From: 3rd Tech Service Sect.,MFP/P Tech Service Dept.	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

Old part number	**New part number**	Description	Q'ty	Int	Note
J0255390	J0355390	Harness:Carriage:A:SIG	1 - 1	X/X	O/O as a set
J0255391	J0355391	Harness:Carriage:B:VCOM	1 - 1		

Change:

The flat harnesses of the printer head have been changed.

Reason: Harness vendor change

Important: Due to the differences of length between the old and new harnesses, the two harnesses need to be replaced **as a set.**

Model: BRG-G1	Date: 21-Oct-15	No.: RJ028011

Subject: FSM revision: SC57001 description added	Prepared by: J.Kitagawa
From: 1st Tech Service Sect.,MFP/P Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☒ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

Please add the following SC description in the field service manual in section:
6.Troubleshooting > Service Call Code Tables (p222)

SC	Pattern	Error Name / Detection Criteria / Major Cause / Solution
57001	D	Power Pack failure
		The machine detects the power pack (PSU or HVPS) error.
		Defective power pack
		Turn the main power switch off and then back on. Replace the PSU or HVPS.