RICOH

Technical Bulletin

Reissued: 18-Jul-08

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001a

Subject: Firmware Release Note: Ring Binder_B1		Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.		
Classification:	☐ Troubleshooting ☐ Part information ☐ Action required ☐ Mechanical ☐ Electrical ☐ Service manual revision ☐ Paper path ☐ Transmit/receive ☐ Retrofit information ☒ Other ( )	

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.060 :01	*D3925510A*	*July 2008 production*
01.050 :01	D3925510	1st Mass production.

Version	Modified Points or Symptom Corrected
01.060:01	*Symptom Corrected:* *1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows.* *2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder) when a System Reset command has been issued from the mainframe.*
01.050:01	1st Mass production.

Technical **B**ulletin

Reissued: 12-Feb-09

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392002a

RTB Reissue
The items in bold italics have been corrected.

Subject: Firmware Release Note: Ring Binder_B2	Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.	

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

This RTB has been issued to announce the firmware release information for the **Ring Binder_B2.**

Version	Program No.	Effective Date
01.050:01	*D3925520B*	*February 2009 production*
01.000:01	D3925520	1st Mass production.

Version	Modified Points or Symptom Corrected
01.050:01	*Symptom Corrected:* *(1) Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder.* *(2) Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made.* *(3) Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.* *=NOTE=* *·Please update both main board and sub board concurrently as they function in combination.* *Ring Binder_B1:D3925510C:Ver01.270:04* *Ring Binder_B2:D3925520B:Ver01.050:01* *·Please update version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.*
01.000:01	1st Mass production.

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001b

Subject: Firmware Release Note: Ring Binder_B1	Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.	

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

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.270:04	*D3925510C*	*January 2009 production*
01.060 :01	D3925510A	July 2008 production
01.050 :01	D3925510	1st Mass production.

Version	Modified Points or Symptom Corrected
01.270:04	*Symptom Corrected:* *(1) JAM indication appears when the power switch is turned on when punch unit has been removed.* *(2) Correct information on parts number and software version is not transmitted to the main frame in the configuration of Venus-C2+Ring Binder.* *(3) Holds a WAIT status when release of energy saving is executed during non-energy saving mode.* *(4) Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission.* *(5) Reboot function does not operate when ATN is received from an upstream peripheral device after its connection has been made.* *(6) Book binding function does not operate when malfunction in network is found in the downstream peripheral devices.* *(7) Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.* *Other changes:* *(1) Support in low linear speed action (for Venus-C2)* *(2) Change in linear speed acceleration point (for Aegis-C1/P1)* * Acceleration point has been shifted 10mm towards downstream peripheral devices.* *=NOTE=* *· Please update both main board and sub board concurrently as they function in combination.* * Ring Binder_B1:D3925510C:Ver01.270:04* * Ring Binder_B2:D3925520B:Ver01.050:01*

Reissued: 10-Feb-09

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001b

Version	Modified Points or Symptom Corrected
	· Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.
01.060:01	Symptom Corrected: 1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows. 2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production.

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001c

Subject: Firmware Release Note: Ring Binder_B1		Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.		
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☒ Other ( )	☐ Part information ☐ Electrical ☐ Transmit/receive	☐ Action required ☐ Service manual revision ☐ Retrofit information

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.280:04	*D3925510D*	*April 2009 production*
01.270:04	D3925510C	January 2009 production
01.060 :01	D3925510A	July 2008 production
01.050 :01	D3925510	1st Mass production.

Version	Modified Points or Symptom Corrected
01.280:04	*Symptom Corrected:* *On occasion of a jam occurrence on a machine downstream to the Ring Binder during a staple operation, even when the jammed paper is removed, the mainframe does not recover its operation.* *=NOTE=* *When updating RingBinder_B1 to D3925510D (Ver01.280:04), please apply D3925520B (Ver01.050:01) onward for Ring_Binder_B2.* *When operating Ring Binder with the Aegis-C1/P1, please apply D3925510D (Ver01.280:04) onward for RingBinder_B1, and D3925520B (Ver01.050:01) onward for RingBinder_B2.*
01.270:04	Symptom Corrected: (1) JAM indication appears when power switch is turned on under the condition of punch unit having been removed. (2) Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder. (3) Holds a WAIT status when release of energy saving is executed during non-energy saving mode. (4) Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission. (5) Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made. (6) Book binding function does not operate when malfunction in network is found in the downstream peripheral devices. (7) Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001c

Version	Modified Points or Symptom Corrected
	Other changes: (1) Support in low linear speed action (for Venus-C2) (2) Change in linear speed acceleration point (for Aegis-C1/P1) Acceleration point has been shifted 10mm towards downstream peripheral devices. =NOTE= - Please update both main board and sub board concurrently as they function in combination. Ring Binder_B1:D3925510C:Ver01.270:04 Ring Binder_B2:D3925520B:Ver01.050:01 - Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.
01.060:01	Symptom Corrected: 1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows. 2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production.

Reissued: 23-Apr-09

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392002b

RTB Reissue
The items in bold italics have been corrected.

Subject: Firmware Release Note: Ring Binder_B2	Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.	

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

This RTB has been issued to announce the firmware release information for the **Ring Binder_B2.**

Version	Program No.	Effective Date
01.060:01	*D3925520C*	*April 2009 production*
01.050:01	D3925520B	February 2009 production
01.000:01	D3925520	1st Mass production.

Version	Modified Points or Symptom Corrected
01.060:01	*Symptom corrected:* *・ Occurrence of JAM262 when output to the Ring Binder in a low temperature environment.* *<NOTE>* *When using the Ring Binder with the Venus-C2, please ensure the following:* *RingBinder_B1 must be D3925510D (ver 01.280:04) or later,* *RingBinder_B2 must be D3925520C (ver 01.060:01) or later.*
01.050:01	Symptom Corrected: (1) Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder. (2) Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made. (3) Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode. =NOTE= ・Please update both main board and sub board concurrently as they function in combination. Ring Binder_B1:D3925510C:Ver01.270:04 Ring Binder_B2:D3925520B:Ver01.050:01 ・Please update version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.
01.000:01	1st Mass production.

Reissued: 23-Apr-09

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392002b

Reissued:9-Jun-09

Model: Model: Ring Binder RB5000	Date: 8-Jun-09	No.: RD392003a

Subject: Bracket:Coupling:Main:Ass'y	Prepared by: Nobuo iida
From: PPBG QA/Service Planning 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

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

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
D4341471	D4341476	Bracket:Coupling:Main:Ass'y	1	X/O	3	16	

Change: Shape of the Bracket:Coupling:Main:Ass'y
Reason: To enable direct installation of the Ring Binder onto the Aegis mainframe

Background & Purpose of Change

The docking bracket included in the Ring Binder package is applied to install the Ring Binder directly onto the Aegis mainframe, but the device could not be installed due to interference with the Decurler Unit. The shape of this bracket has been changed as shown below to resolve this problem. The modified bracket is included in the Ring Binder package from November 2008 production.

Cut to lower the height
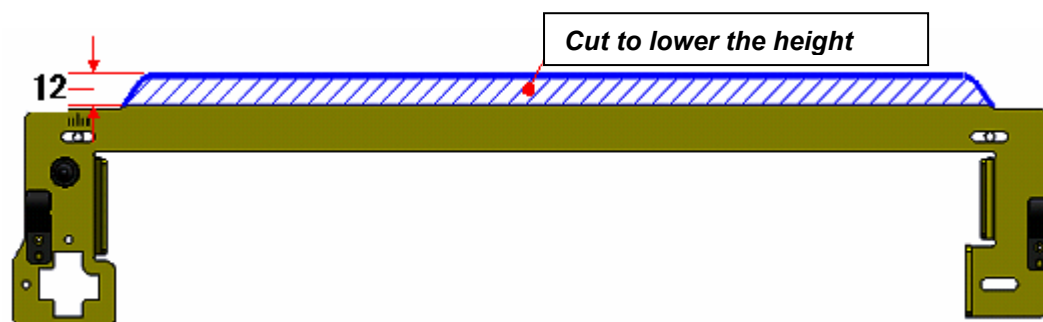
Request

When installing the Ring Binder directly onto the Aegis mainframe, please install a Ring Binder of production after November 2008.
If you must use a Ring Binder that does not have this modification, please procure the modified docking bracket "D4341476" to enable installation.
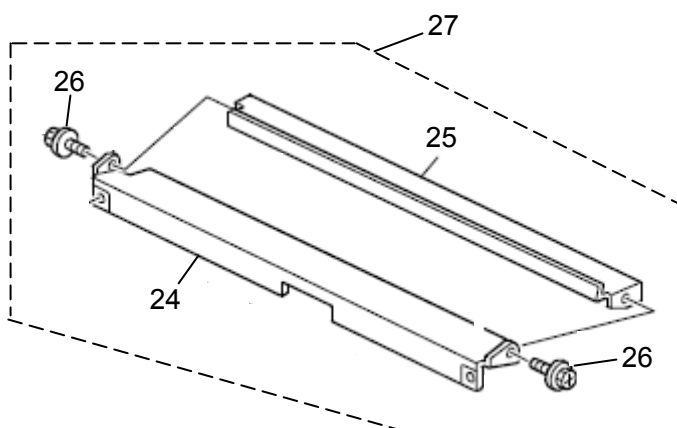
Reissued:9-Jun-09

Model: Model: Ring Binder RB5000	Date: 8-Jun-09	No.: RD392003a

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ring Binder RB5000	120 - 240V, 50/60Hz	NA/EU	D392-17/27	V0290400001

Model: Ring Binder RB5000	Date: 23-Jun-09	No.: RD392004

Subject: GUIDE PLATE:CONNECTING:ASS'Y	Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.	

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

The following parts have been added to support the Venus-C2.

New part number	Description	Q'ty	Int	Page	Index	Note
B4082191	GUIDE PLATE:CONNECTING:LOWER	1	-	2	24	Add
B4682196	GUIDE PLATE:CONNECTING:UPPER	1	-	2	25	Add
08025276	TAPPING SCREW:ROUND POINT:M3X6	2	-	2	26	Add
B468T021	GUIDE PLATE:CONNECTING:ASS'Y	1	-	2	27	Add

Reissued: 30-Jul-09

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001d

Subject: Firmware Release Note: Ring Binder_B1		Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.		
Classification: ☐ Troubleshooting ☐ Mechanical ☐ Paper path ☒ Other ( )	☐ Part information ☐ Electrical ☐ Transmit/receive	☐ Action required ☐ Service manual revision ☐ Retrofit information

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.290:04	***D3925510E***	***August 2009 production***
01.280:04	D3925510D	April 2009 production
01.270:04	D3925510C	January 2009 production
01.060 :01	D3925510A	July 2008 production
01.050 :01	D3925510	1st Mass production.

Version	Modified Points or Symptom Corrected
01.290:04	***Symptom Corrected:*** ***SC990 caused by data suspended in the Ring Binder, unable to transfer to both upstream and downstream peripherals.*** ***=NOTE=*** ***・Please upgrade the main and sub boards concurrently as they work in a set.*** ***Ring Binder_B1：D3925510E：Ver01.290:04*** ***Ring Binder_B2：D3925520C：Ver01.060:01***
01.280:04	Symptom Corrected: On occasion of a jam occurrence on a machine downstream to the Ring Binder during a staple operation, even when the jammed paper is removed, the mainframe does not recover its operation. =NOTE= When updating RingBinder_B1 to D3925510D (Ver01.280:04), please apply D3925520B (Ver01.050:01) onward for Ring_Binder_B2. When operating Ring Binder with the Aegis-C1/P1, please apply D3925510D (Ver01.280:04) onward for RingBinder_B1, and D3925520B (Ver01.050:01) onward for RingBinder_B2.
01.270:04	Symptom Corrected: (1) JAM indication appears when power switch is turned on under the condition of punch unit having been removed. (2) Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder.

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001d

Version	Modified Points or Symptom Corrected
	(3) Holds a WAIT status when release of energy saving is executed during non-energy saving mode.
	(4) Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission.
	(5) Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made.
	(6) Book binding function does not operate when malfunction in network is found in the downstream peripheral devices.
	(7) Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.
	Other changes:
	(1) Support in low linear speed action (for Venus-C2)
	(2) Change in linear speed acceleration point (for Aegis-C1/P1) Acceleration point has been shifted 10mm towards downstream peripheral devices.
	=NOTE=
	- Please update both main board and sub board concurrently as they function in combination. Ring Binder_B1:D3925510C:Ver01.270:04 Ring Binder_B2:D3925520B:Ver01.050:01
	- Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.
01.060:01	Symptom Corrected:
	1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows.
	2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production.

Model: Ring Binder RB5000(D392)	Date: 17-Aug-09	No.: RD392005

Subject: Service manual revision: SP6504 adjustment	Prepared by: K.Tsutsui
From: PPMC Service Planning Department 1G	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☒ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier2

The following description has been added to the service manual. Please apply this change accordingly in the field.

Newly Added Description

When adjusting SP6504, close the front door of the Ring Binder.

After the adjustment, keep the front door of the Ring Binder closed and turn the main power switch OFF and ON.
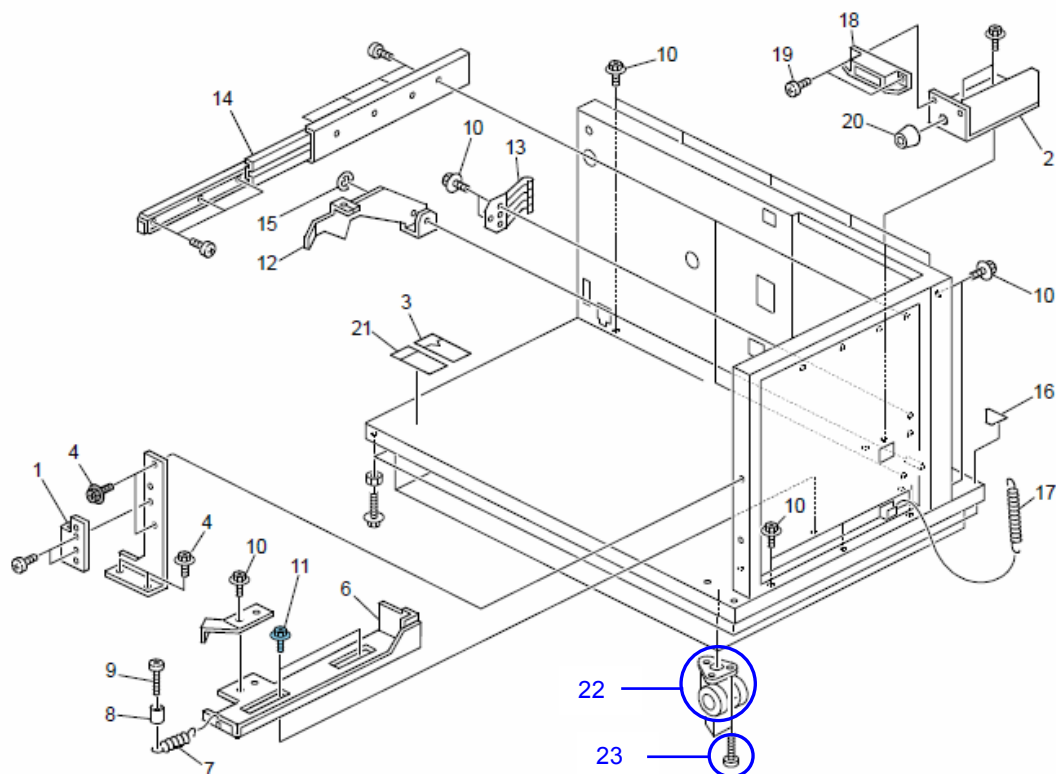
Added to Sections

a. Replacement and Adjustment > Common Procedure > SP6504 Adjustment.

b. Replacement and Adjustment > Boards > Main Control Board.

Model: Ring Binder RB5000	Date: 12-Nov-09	No.: RD392006

Subject: CASTER:BWP-50N:MB10506	Prepared by: T.Tadokoro
From: PPBG Service Planning Dept.	

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

The following 2 parts have been newly registered.

New part number	Description	Q'ty	Int	Page	Index	Note
D3921325	CASTER:BWP-50N:MB10506	4	-	57	22	Add
D3923164	PAN HEAD SCREW:M5X10:AA03513	12	-	57	23	Add

28.Frame Section (D392)

Model: Ring Binder RB5000(D392)		Date: 05-Mar-10	No.: RD392007
Subject: Do NOT use F/W Version "D3925510E"		Prepared by: K.Tsutsui	
From: PP Service Planning Department 1G			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☒ Other ( )	☐ Action required ☐ Service manual revision ☐ Retrofit information ☐ Tier2

Request
Please do NOT use the firmware version "RingBinder_B1 D3925510E (01.290:04)".

Symptom
Application of the above F/W version could result in a jam caused by malfunction of the motor located in the horizontal paper path (for downstream delivery and binding).

Occurrence Rate
Very low

S/N and Number of Affected Units Installed Originally with F/W Version RingBinder_B1 D3925510E (01.290:04)
NA   V0290800001 - V0291200002   46 units
RE   V0290800009 - V0291100001   16 units

Action
Please update the F/W to "RingBinder_B1 D3925510F (01.300:04)" which will soon be uploaded on the Download Center.

For field machines, please update the F/W on your next service visit
For initial installation, please update the F/W after installation.

For field machines registered with S/N other than the aforementioned; units originally installed with an older F/W version that have the possibility of having been updated to "D3925510E", please update the F/W on your next service visit.

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001e

Subject: Firmware Release Note: Ring Binder_B1	Prepared by: H. Kawamura		
From: PPBG Service Planning Dept.			
Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☒ Other ( )		

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.300:04	*D3925510F*	*February 2010 production*
01.290:04	D3925510E	August 2009 production
01.280:04	D3925510D	April 2009 production
01.270:04	D3925510C	January 2009 production
01.060 :01	D3925510A	July 2008 production
01.050 :01	D3925510	1st Mass production

Version	Modified Points or Symptom Corrected
01.300:04	*Symptom Corrected:* *To prevent the failure of loss of synchronism of the paper exit motor when the Ring Binder _B1 transfers media to downstream peripherals.* *=NOTE=* *For Ring Binder_B2, please use the firmware D3925520 or newer version*

01.290:04	Symptom Corrected:
	 SC990 caused by data suspending in the Ring Binder, unable to transfer to both upstream and downstream peripherals.
	
	 =NOTE=
	 ・Please upgrade the main and sub boards concurrently as they work in a set.
	  Ring Binder_B1：D3925510E：Ver01.290:04
	  Ring Binder_B2：D3925520C：Ver01.060:01

01.280:04	Symptom Corrected: On occasion of a jam occurrence on a machine downstream to the Ring Binder during a staple operation, even when the jammed paper is removed, the mainframe does not recover its operation. =NOTE= When updating RingBinder_B1 to D3925510D (Ver01.280:04), please apply D3925520B (Ver01.050:01) onward for Ring_Binder_B2. When operating Ring Binder with the Aegis-C1/P1, please apply

Model: **Ring Binder RB5000**	Date: 20-June -08	No.: RD392001e

Version	Modified Points or Symptom Corrected
	D3925510D (Ver01.280:04) onward for RingBinder_B1, and D3925520B (Ver01.050:01) onward for RingBinder_B2.

01.270:04	Symptom Corrected:
	1. JAM indication appears when power switch is turned on under the condition of punch unit having been removed.
	2. Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder.
	3. Holds a WAIT status when release of energy saving is executed during non-energy saving mode.
	4. Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission.
	5. Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made.
	6. Book binding function does not operate when malfunction in network is found in the downstream peripheral devices.
	7. Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.
	
	Other changes:
	1. Support in low linear speed action (for Venus-C2)
	2. Change in linear speed acceleration point (for Aegis-C1/P1)
	  Acceleration point has been shifted 10mm towards downstream peripheral devices.
	
	=NOTE=
	- Please update both main board and sub board concurrently as they function in combination.
	  Ring Binder_B1:D3925510C:Ver01.270:04
	  Ring Binder_B2:D3925520B:Ver01.050:01
	- Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.

01.060:01	Symptom Corrected: 1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows. 2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production

Reissued: 20-Oct-10

Model: **Ring Binder RB5000**	Date: 20-Jun -08	No.: RD392001f

RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: Ring Binder_B1	Prepared by: J. Ohno
From: PPBG Service Planning Dept.	

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

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.310:04	*D3925510G*	*December 2010 production*
01.300:04	D3925510F	February 2010 production
01.290:04	D3925510E	August 2009 production
01.280:04	D3925510D	April 2009 production
01.270:04	D3925510C	January 2009 production
01.060:01	D3925510A	July 2008 production
01.050:01	D3925510	1st Mass production

Version	Modified Points or Symptom Corrected
01.310:04	*Symptoms Corrected:* *In a configuration consisting of a Ring Binder RB5000 and multiple peripherals installed downstream of it, if a jam occurs in one of the downstream peripherals the RB5000 does not notify the jam to the mainframe. This may cause the mainframe and the downstream peripherals to remain in idling status; initialization behavior.*
01.300:04	Symptom Corrected: To prevent the failure of loss of synchronism of paper exit motor, when the Ring Binder _B1 transfers media to downstream peripherals. =NOTE= For Ring Binder_B2, please use the firmware D3925520 or newer version.
01.290:04	Symptom Corrected: SC990 caused by data suspending in the Ring Binder, unable to transfer to both upstream and downstream peripherals. =NOTE= ・Please upgrade the main and sub boards concurrently as they work in a set. Ring Binder_B1:D3925510E:Ver01.290:04 Ring Binder_B2:D3925520C:Ver01.060:01
01.280:04	Symptom Corrected: On occasion of a jam occurrence on a machine downstream to the Ring Binder during a staple operation, even when the jammed paper is removed, the mainframe does not recover its

Model: **Ring Binder RB5000**	Date: 20-Jun -08	No.: RD392001f

Version	Modified Points or Symptom Corrected
	operation. =NOTE= When updating RingBinder_B1 to D3925510D (Ver01.280:04), please apply D3925520B (Ver01.050:01) onward for Ring_Binder_B2. When operating Ring Binder with the Aegis-C1/P1, please apply D3925510D (Ver01.280:04) onward for RingBinder_B1, and D3925520B (Ver01.050:01) onward for RingBinder_B2.
01.270:04	Symptom Corrected: 1. JAM indication appears when power switch is turned on under the condition of punch unit having been removed. 2. Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder. 3. Holds a WAIT status when release of energy saving is executed during non-energy saving mode. 4. Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission. 5. Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made. 6. Book binding function does not operate when malfunction in network is found in the downstream peripheral devices. 7. Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode. Other changes: 1. Support in low linear speed action (for Venus-C2) 2. Change in linear speed acceleration point (for Aegis-C1/P1) 　 Acceleration point has been shifted 10mm towards downstream peripheral devices. =NOTE= - Please update both main board and sub board concurrently as they function in combination. 　Ring Binder_B1:D3925510C:Ver01.270:04 　Ring Binder_B2:D3925520B:Ver01.050:01 - Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.
01.060:01	Symptom Corrected: 1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows. 2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production

Model: **Ring Binder RB5000**	Date: 20-Jun -08	No.: RD392001g

RTB Reissue
The items in bold italics have been added.

Subject: Firmware Release Note: Ring Binder_B1	Prepared by: J. Ohno
From: PP Tech Service Dept., 1st PP Tech Service Sect.	

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

This RTB has been issued to announce the firmware release information for the **Ring Binder_B1.**

Version	Program No.	Effective Date
01.320:04	*D3925510H*	*July 2011 production*
01.310:04	D3925510G	December 2010 production
01.300:04	D3925510F	February 2010 production
01.290:04	D3925510E	August 2009 production
01.280:04	D3925510D	April 2009 production
01.270:04	D3925510C	January 2009 production
01.060:01	D3925510A	July 2008 production
01.050:01	D3925510	1st Mass production

Version	Modified Points or Symptom Corrected
01.320:04	*Symptoms Corrected:* *Feeding custom size tab stocks to peripherals downstream to the RingBinder causes lag jams at the entrance of the RingBinder.* *The problem was caused by a fault code sequence that occurs particularly when feeding custom size tab stocks.*
01.310:04	Symptoms Corrected: In a configuration consisted of a RingBinder RB5000 and multiple peripherals installed to its downstream, if a jam occurs in one of the downstream peripherals the RB5000 does not notify the jam to the mainframe and may cause the mainframe and the downstream peripherals to remain in idling status; initialization behavior.
01.300:04	Symptom Corrected: To prevent the failure of loss of synchronism of paper exit motor, when the Ring Binder _B1 transfers media to downstream peripherals. =NOTE= For Ring Binder_B2, please use the firmware D3925520 or newer version.
01.290:04	Symptom Corrected: SC990 caused by data suspending in the Ring Binder, unable to transfer to both upstream and downstream peripherals. =NOTE=

Model: **Ring Binder RB5000**	Date: 20-Jun -08	No.: RD392001g

Version	Modified Points or Symptom Corrected
	・Please upgrade the main and sub boards concurrently as they work in a set. Ring Binder_B1:D3925510E:Ver01.290:04 Ring Binder_B2:D3925520C:Ver01.060:01
01.280:04	Symptom Corrected: On occasion of a jam occurrence on a machine downstream to the Ring Binder during a staple operation, even when the jammed paper is removed, the mainframe does not recover its operation. =NOTE= When updating RingBinder_B1 to D3925510D (Ver01.280:04), please apply D3925520B (Ver01.050:01) onward for Ring_Binder_B2. When operating Ring Binder with the Aegis-C1/P1, please apply D3925510D (Ver01.280:04) onward for RingBinder_B1, and D3925520B (Ver01.050:01) onward for RingBinder_B2.
01.270:04	Symptom Corrected: 1. JAM indication appears when power switch is turned on under the condition of punch unit having been removed. 2. Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder. 3. Holds a WAIT status when release of energy saving is executed during non-energy saving mode. 4. Command cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission. 5. Reboot function does not operate when ATN is received from an upstream peripheral devices after its connection has been made. 6. Book binding function does not operate when malfunction in network is found in the downstream peripheral devices. 7. Jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode. Other changes: 1. Support in low linear speed action (for Venus-C2) 2. Change in linear speed acceleration point (for Aegis-C1/P1) Acceleration point has been shifted 10mm towards downstream peripheral devices. =NOTE= - Please update both main board and sub board concurrently as they function in combination. Ring Binder_B1:D3925510C:Ver01.270:04 Ring Binder_B2:D3925520B:Ver01.050:01 - Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.

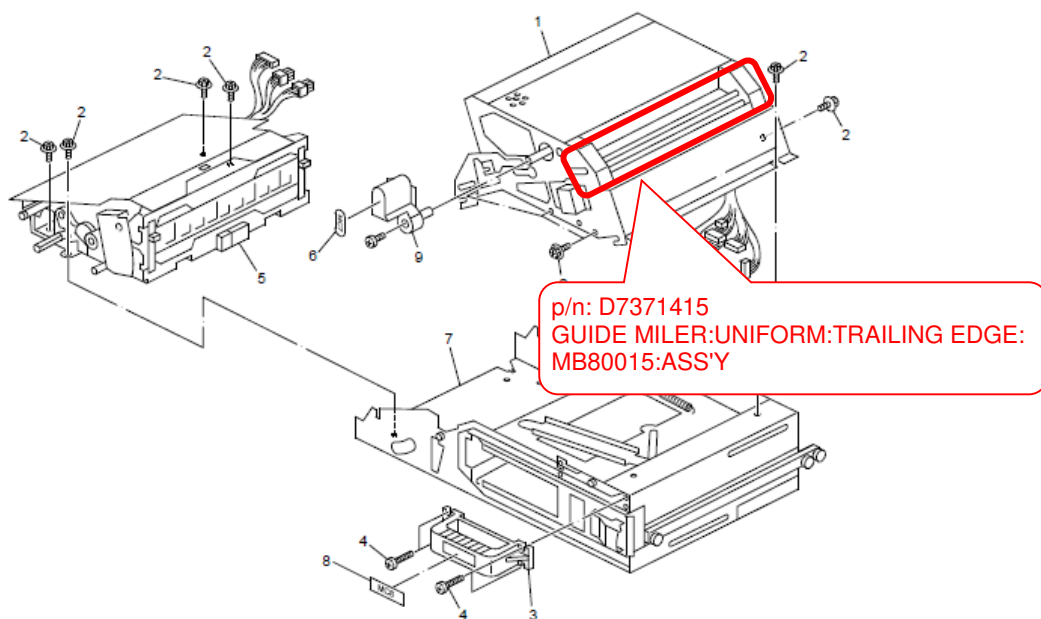| Model: **Ring Binder RB5000**	Date: 20-Jun -08	No.: RD392001g

Version	Modified Points or Symptom Corrected
01.060:01	Symptom Corrected: 1. When the Binder Unit is replaced, while the Door Switch is forced ON, the temperature fuse blows. 2. The temperature fuse blows if a communication error is experienced between downstream peripheral devices (positioned after the Ring Binder), when a System Reset command has been issued from the mainframe.
01.050:01	1st Mass production

Model: Ring Binder RB5000	Date: 28-Nov-14	No.: RD392008

Subject: New service part – Guide plate in the binder unit	Prepared by: J. Ohno
From: 3rd Tech Service Sect., PP 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

The following guide plate attached with a Mylar sheet was registered as a service part to meet requests received from the field.

Old p/n	New p/n	Description	Q'ty	Int	Page	Index	Note
-	D7371415	GUIDE MILER:UNIFORM:TRAILING EDGE:MB80015:ASS'Y	1	-	19	10	Add

9.Ring Binder Unit 1 (D392)

p/n: D7371415
GUIDE MILER:UNIFORM:TRAILING EDGE:
MB80015:ASS'Y

Model: Ring Binder RB5000	Date: 28-Nov-14	No.: RD392008

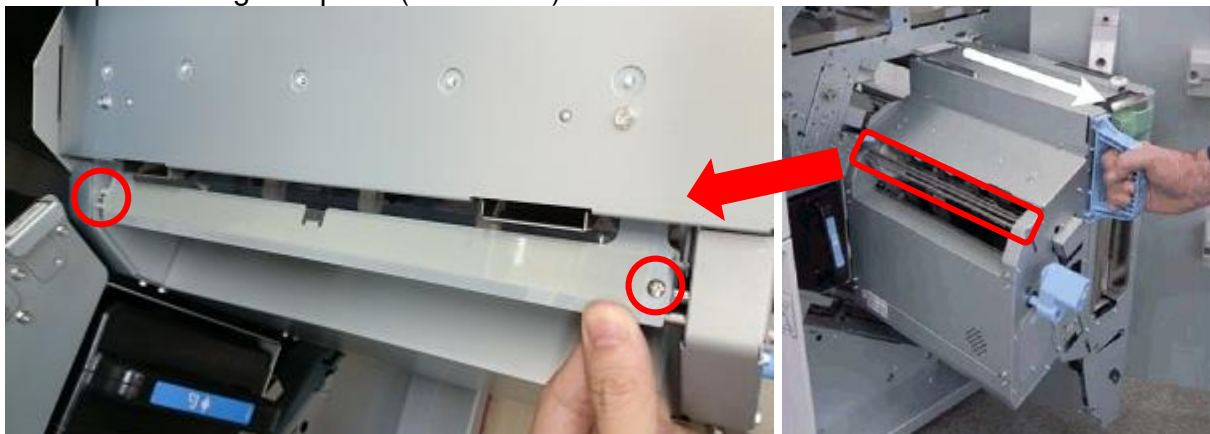## Replacement procedure

1. Pull out the Binder Unit.

2. Replace the guide plate (screws x2).

3. Slide the Binder Unit back in to complete the procedure.