

**Reissued: 03-Dec-12**

Model: B-C4	Date: 04-Feb-09	No.: RD059002h
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**RTB Reissue**

The items in bold italics have been added.

Subject: Firmware Release Note: Printer		Prepared by: J.Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

Version	Program No.	Effective Date
<b>1.06</b>	<b>D4515521J</b>	<b>December 2012 production</b>
1.05.2	D4515521H	April 2011 production
1.05.1	D4515521G	December 2009 production
1.05	D4515521F	December 2009 production
1.04	D4515521E	October 2009 production
1.03	D4515521D	August 2009 production
1.02	D4515521C	April 2009 production
1.01	D4515521B	March 2009 production
1.00	D4515521A	1st Mass production

Version	Modified Points or Symptom Corrected
<b>1.06</b>	<b>Symptom corrected:</b> <b>Remote configuration of the device using tools such as Web ImageMonitor to "Reset Current Job" when there is no current job, results in the printer stalling.</b>
1.05.2	Symptom corrected: 1. Multiple jobs that are released (printed from the hard disk) by the same user might result in some of the jobs being recorded in the device's Job History as being printed by "---". This only affects the use of the following Job Types and only occurs if User Authentication is enabled: <ul style="list-style-type: none"> <li>- Sample Print</li> <li>- Hold Print</li> <li>- Locked Print</li> <li>- Stored Print</li> </ul> 2. If "User Tools/Counter > System Settings > Administrator Tools > Capture Priority" is enabled and one of the below listed Job Types is used, any of the following might happen: <ul style="list-style-type: none"> <li>- Jobs that should be deleted will be retained on the MFP hard disk.</li> <li>- Jobs stored on the hard disk might be inadvertently deleted.</li> <li>- Printing of jobs stored on the hard disk might result in an SC997.</li> </ul> Job Types: <ul style="list-style-type: none"> <li>- Sample Print</li> <li>- Hold Print</li> <li>- Locked Print</li> </ul>

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Version	Modified Points or Symptom Corrected
	<ul style="list-style-type: none"> <li>- Stored Print</li> <li>- Store and Print</li> </ul> <ol style="list-style-type: none"> <li>3. PS jobs with a large number of images might be unexpectedly reset.</li> <li>4. Jobs not containing any PDL commands are held by the device and not printed until another job is submitted or a button is pressed on the device. This occurred if the device entered in energy saver mode immediately after printing a diagnostics page (List/Test Print, etc.).</li> <li>5. Any job (compressed or not compressed) might cause the printer application to stall if "Menu &gt; System &gt; Print Compressed Data" = ON.</li> <li>6. Resetting IPDS fonts (Web ImageMonitor &gt; Configuration &gt; Printer &gt; Reset IPDS Fonts) twice in a row or printing the IPDS Font List (Menu button &gt; List/Test Print &gt; IPDS Font List) twice in a row might result in the device stalling.</li> <li>7. An IPDS Form can be created with an unsupported "Media Orientation" (ie. A3 LEF).</li> <li>8. If IPDS fonts are reset (Menu button &gt; Maintenance &gt; HD Management &gt; Reset IPDS Fonts), users might not be able to logout from the operation panel.</li> <li>9. If a job is submitted while the Printer application is still in the process of starting up, the Printer application might stall with "Processing..." displayed on the operation panel.</li> </ol> <p>Other changes: A new BitSwitch#6-7 has been added. When set to '1', if multiple collated copies are printed, the device no longer responds to PDL USTATUS with the number of pages in the current copy. Instead the device will return the total number of pages for all copies.</p>
1.05.1	<p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. After the printing is done and still the session is connected: bug fixed when default settings are changed operation panel shows "Printing..."</li> </ol>
1.05	<p>Other changes:</p> <ol style="list-style-type: none"> <li>1. Chinese language supported.</li> </ol>
1.04	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. Cannot cancel a job when the IPDS is activated.</li> </ol>
1.03	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. Auto-detection process is delayed when a file received doesn't fulfil the required file size for auto-detection.</li> <li>2. If printing of the IPDS Font List encounters certain recoverable errors (paper out, no paper, paper mismatch) and then the Clear/Stop button is pressed, the device will lockup. If this happened, printing was not possible until the device was rebooted.</li> <li>3. If any non-IPDS job in the print queue is deleted while receiving an IPDS job, the device will stall. WIM: Job &gt; Current/Waiting Jobs &gt; Delete Reservation Operation Panel: Job List &gt; Delete Reservation</li> <li>4. If printing of an IPDS job is interrupted by an error requiring operator attention (paper jam, cover open, etc.), an alert is sent to the host after the error state has been recovered, instead of when the device first enters the error state.</li> <li>5. Printing multiple jobs of differing PDLs to Virtual Printers of differing priorities</li> </ol>

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Version	Modified Points or Symptom Corrected		
	<p>might result in the device stalling</p> <p>6. Sheets punched on the GBC designated to exit to the High Capacity Stacker are falsely fed out to the Finisher.</p> <p>Other changed:</p> <p>1. IPDS jobs can no longer be deleted from the print queue. WIM: Job &gt; Current/Waiting Jobs &gt; Delete Reservation Operation Panel: Job List &gt; Delete Reservation Note: This change was made because deleting IPDS jobs from the print queue stalled the device.</p>		
1.02	<p>Symptom corrected:</p> <p>1. If the device receives a non-IPDS job while it is processing an IPDS job, the device will stall.</p> <p>2.</p> <ul style="list-style-type: none"> <li>- 20+ simplex (or 40+ duplex) page IPDS jobs might stall the device if several of the following are installed: Decurl Unit, Perfect Binder, Interposer, Punch Unit, High Capacity Stackex2, Booklet Finisher</li> <li>- If several of the following are installed, 20+ simplex (or 40+ duplex) page jobs might result in SMC and @Remote page count issues (total page counter is not affected): Decurl Unit, Perfect Binder, Interposer, Punch Unit, High Capacity Stackex2, Booklet Finisher</li> </ul> <p>3. The device might stall if an IPDS job draws pages from both the interposer and an MFP tray, and a jam occurs.</p> <p>4.</p> <ul style="list-style-type: none"> <li>- IPDS forms containing certain unsupported Media Types or Sizes can be assigned to a tray, resulting in a mismatch.</li> <li>- IPDS forms containing certain supported Media Types or Sizes cannot be assigned to a tray.</li> </ul> <p>Other changes:</p> <p>1. The IPDS option is now available.</p>		
1.01	<p>Symptom corrected:</p> <p>1. A jam or other minor error affecting an IPDS job might cause the device to stall.</p> <p>2. If an IPDS job is spooled, the device will stall and need to be rebooted.</p>		
1.00	1st Mass production		

**Reissued: 25-May-12**

Model: <b>B-C4</b>	Date: 04-Feb-09	No.: RD059003i
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**RTB Reissue**

The items in bold italics have been corrected.

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

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

Version	Program No.	Effective Date	Availability of RFU
<b>1.13:04</b>	<b>D0595225M</b>	<b>May 2012 production</b>	<b>Available</b>
1.12:04	D0595225L	December 2010 production	Available
1.11:04	D0595225K	August 2010 production	Available
1.10:04	D0595225J	May 2010 production	Available
1.09.1:04	D0595225H	March 2010 production	Available
1.08:04	D0595225G	September 2009 production	Available
1.07:04	D0595225F	August 2009 production	Available
1.06:04	D0595225E	May 2009 production	Available
1.05:04	D0595225D	April 2009 production	Available
1.04:04	D0595225C	1st Mass production	Available

**Note: Definition of Availability of RFU**
**“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
<b>1.13:04</b>	<b>Symptoms corrected:</b> <ol style="list-style-type: none"> <li><b>When using the GBC streampunch and continuously feeding paper from the Cover Interposer, paper fed from the Cover Interposer could interfere with the subsequent page fed from the mainframe and result in Jam146.</b></li> <li><b>When a jam in a downstream peripheral and a double-feed occurs concurrently, blank sheet of paper is falsely ejected in the recovery printing.</b></li> <li><b>If a jam occurs with a sheet that is being purged due to a double-feed, this could result in SC990.</b></li> <li><b>When a jam in a downstream peripheral and a double-feed occurs concurrently, recovery printing could stall due to a disabled intermediate transport motor.</b></li> <li><b>When feeding to the High Capacity Stacker and a double-feed occurs, the double-fed sheet cannot be purged correctly and results in a jam.</b></li> </ol>
1.12:04	Specification Changes: SP2507 (Pattern During Jobs) was modified to prevent low image density problem that could happen when operating the machine after the machine was left unused for some time.



**Reissued: 25-May-12**

Model: B-C4		Date: 04-Feb-09	No.: RD059003i
Version	Modified Points or Symptom Corrected		
	<p>When the value "n" is set between 100 and 200 on SP2507-003, pattern during jobs is created for the number of times based on the following calculation: "n - 100".</p> <p>Only the ID Sensor Pattern is created. Pattern for toner disposal is not created.</p> <p>ex) In the below settings, pattern during jobs is created at every 25 sheets for 5 times (105-100).</p> <p>SP2507-001: 1</p> <p>SP2507-002: 25</p> <p>SP2507-003: 105</p> <p>Symptom Corrected:</p> <p>In a saddle-stitch job, jam411 occurs when resuming the job after running out of paper and reloading paper onto the tray.</p>		
1.11:04	<p>Symptoms Corrected:</p> <ol style="list-style-type: none"> <li>Jam71 occurs while the sheet is cleared to the purge tray when all of the conditions below are met: <ul style="list-style-type: none"> <li>Configuration consists of the Decurl Unit DU5000</li> <li>Jam occurs in the Finisher</li> <li>The sheet succeeding the jammed sheet in the Finisher is positioned between the Decurl Unit and the mainframe covering the Decurl Unit's entrance sensor and the mainframe's HP exit sensor.</li> <li>The sheet positioned between the 2 units turns on the Decurl Unit's exit sensor.</li> </ul> </li> <li>In a configuration consisted of the mainframe + Ring Binder RB5000 + Cover Interposer Tray CI5010, jam 146 occurs with booklets of the 2nd output or onwards when the job is composed of a cover sheet fed from the Interposer and a ringbinding operation.</li> <li>Jam occurs when continuously running a job in which the sheets are not pre-stacked onto the pre-stack tray such as in a folding job, instantly after switching from a saddle-stitch operation.</li> <li>When running a job composed of feeding from the Cover Interposer and staple operation in a configuration consisted of the mainframe + Cover Interposer Tray CI5010 + Booklet Finisher SR5020, jam410 occurs when restarting a job that contains different paper sizes after a pause either caused by "No paper on the Cover Interposer tray" or "door open".</li> <li>When one of the feed trays on the mainframe has a fault and the job is run using a tray that works and a jam occurs, message "Please wait" remains and printing will not restart after clearing the jam.</li> <li>When executing SP6526-001~6525-141 "Input Check: Perfect Binder" with the system connected to the Perfect Binder GB5000, the input check is not performed (and the SP value remains "0").</li> <li>In a configuration consisted of the 135 ppm machines + Booklet Finisher SR5020 + Cover Interposer Tray CI5010, and the job is composed of cover fed from the Cover Interposer and saddle-stitch operation, poor stapling/JAM422/SC747 occurs.</li> <li>Jam indication is falsely cleared when a jam occurs and the jammed sheet is left inside the Decurl Unit DU5000 and the power on the control panel is turned Off and then On .</li> </ol>		

**Reissued: 25-May-12**

Model: B-C4		Date: 04-Feb-09	No.: RD059003i
Version	Modified Points or Symptom Corrected		
1.10:04	Symptom Corrected - Toner auto supply excess fixed. - Toner auto supply lack fixed. - Jam 73 (SC990) fixed when SP2804-1 set to "3".		
1.09.1:04	Specification changed: - SC494/495 occur after machine arrival problem fixed.  Symptom Corrected: - SR5020 productivity improved. - Purge failure fixed. - Down stream free run failure fixed. - Jam146 caused by the decurler fixed.		
1.08	Symptom Corrected: 1. Unable to adjust the values for SP6202(Fine Adj Booklet Jog Fence Pos) and SP6525(Glue Remain Thermistor: Wet Side). 2. SP6325(Registration Buckle Adjust) is reflected at 1/10 (only 10%) of the actual input value. 3. Adjustment made on the High Capacity Stacker #2 (SP6608, SP6609, SP6610) falsely affects the value applied for stacker #1 (SP6602, SP6603, SP6604).		
1.07:04	Symptom corrected: - Value adjusted on SP6205 disappears when machine power is turned OFF/ON. - Symptoms involving non-reflected values adjusted on the SR5020. Value adjusted on SP6214 is falsely reflected to SP6205, value adjusted on SP6210 is falsely reflected to SP6209. - Cannot recover from a jam, indicating a SC990 even after removing the jammed paper. - Jam occurrence when sheets are fed out to the FD500, cannot recover even after removing the jammed paper.		
1.06:04	Symptom corrected: 1. False detection of CIS resulting in SC586. 2. Jam407 in staple job on the COLUMBIA when the original consists of different paper sizes; a change from A4LEF to A3SEF-Z fold. 3. PM Parts Counter - Even when the SP5899 (PM Double Count) is NOT set to "double-count", the feed roller is counted in double when printing A3 sheets. - After a PM part is replaced, SC670 occurs when executing "Counter Clear for Parts Exceeding Target Yield". - Record can not be saved normally when executing "clear ALL PM settings". - Indication for parts replacement do NOT appear on the operation panel even when parts for the Perfect Binder GB5000 have reached target yield. - Clearing of PM parts individually does NOT clear the drive distance counter. - Initial value of parts target yield standard value (SP7940-001~020, 040~042) for drive distance of Type-B and Type-C are falsely set to that of		

**Reissued: 25-May-12**

Model: B-C4		Date: 04-Feb-09	No.: RD059003i
Version	Modified Points or Symptom Corrected		
	Type-A.		
1.05:04	<p>Symptom Corrected:</p> <ul style="list-style-type: none"><li>- Jam occurrence when ejecting paper to the Stacker Upper Tray and Stacker Tray alternately, resulting in SC990.</li><li>- Jam occurrence when printing a certain punch job in which the sheet is fed from the Inserter.</li></ul> <p>Other Changes</p> <ul style="list-style-type: none"><li>- Punch switching time for the Columbia has been changed.</li></ul>		
1.04:04	1st Mass production		

**Reissued: 21-May-12**

Model: B-C4	Date: 04-Feb-09	No.: RD059004d
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**RTB Reissue**

The items in bold italics have been added.

Subject: Firmware Release Note: Network DocBox		Prepared by: J.Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

Version	Program No.	Effective Date	Availability of RFU
<b>1.08</b>	<b>D0595557F</b>	<b>May 2012 production</b>	<b>Available</b>
1.07	D0595557E	August 2011 production	Available
1.06	D0595557D	November 2010 production	Available
1.05	D0595557C	September 2009 production	Available
1.04	D0595557B	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
<b>1.08</b>	<b>Symptom corrected:</b> <b>The captured user name might be garbled. This occurs if User Administrator Authentication is enabled and if the user's "Key Display" setting is 16 byte in length.</b>
1.07	Symptoms Corrected: 1. The system is disabled to enter energy conservation mode if Ridoc Desk Navigator is accessed to display the list of stored jobs during SP mode. 2. Memory leak occurs when transmitting captured data.
1.06	Symptom corrected: Printer might not transfer the job log or the access log to the Web SmartDeviceMonitor or the Remote Communication Gate S Pro.
1.05	Symptom corrected: 1. Either of the following problems might occur if the transferring of logs from the device using Web SmartDeviceMonitor ver 2.x without the powercycle. – The 404 Not Found error will be shown if the WIM document server is accessed. – The device will stall if captured data is transferred to a delivery server such as ScanRouter. 2. Duplicate logs might be transferred to Web SmartDeviceMonitor ver 2.x.
1.04	1st Mass production

**Reissued: 15-Jun-12**

Model: B-C4	Date: 04-Feb-09	No.: RD059006d
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Firmware Release Note: PowerSaving Sys		Prepared by: J. Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

Version	Program No.	Program No.	Availability of RFU
<b>1.16</b>	<b><i>D0595550F</i></b>	<b><i>May 2012 production</i></b>	<b><i>Available</i></b>
1.15	D0595550E	November 2010 production	Available
1.14	D0595550D	June 2009 production	Available
1.13	D0595550C	March 2009 production	Available
1.12	D0595550B	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
<b>1.16</b>	<b><i>Symptoms corrected:</i></b> <b><i>1. SC816-26</i></b> <b><i>2. SC816-49</i></b> <b><i>3. SC816-90</i></b> <b><i>4. The following symptoms involving the recovery from Energy Saver mode to Standby mode:</i></b> <b><i>* Lifting up the ADF platen or placing originals on the exposure glass cannot be detected if the system is in Standby mode.</i></b> <b><i>* The system does not automatically enter Standby mode when the ADF platen is lifted up or originals are placed on the exposure glass in Energy Save mode.</i></b>
1.15	Symptom corrected: If "PowerSavingSys" is stored in SD card for update, this firmware can be install in all models.
1.14	Symptom corrected: - Under USB connection of Client PC to the mahcine, SC816 occurrence when Client PC shifts to or cancels from a Standby mode. This case occurs only with PCs using the Windows2000.
1.13	Symptom corrected: The MFP might not reply to an IPv6 ping while in Energy Saver mode.
1.12	1st Mass production

Reissued: 18-Aug-09

Model: B-C4	Date: 04-Feb-09	No.: RD059008a
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Firmware Release Note: Web Uapl		Prepared by: T. Tadokoro	
From: PPBG QA/Service Planning 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

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

Version	Program No.	Effective Date
<b>1.03</b>	<b><i>D0595556C</i></b>	<b><i>June 2009 production</i></b>
1.02	D0595556B	1st Mass production

Version	Modified Points or Symptom Corrected
<b>1.03</b>	<b><i>Symptoms Corrected:</i></b> - <b><i>Cover sheets and chaptering sheets cannot be printed in duplex when their sizes are non-standard.</i></b> <b><i>Note: Requires System firmware (version 1.03 or later) and Web Uapl firmware (version 1.03 or later).</i></b>  <b><i>Other Changes:</i></b> - <b><i>Half-fold, Letter fold-out, Letter fold-in, and Gate-fold are unavailable for coated paper on the FD5000.</i></b> <b><i>Note: Requires System firmware (version 1.03 or later) and Web Uapl firmware (version 1.03 or later).</i></b>
1.02	1st Mass production

**Reissued: 05-Jun-12**

Model: B-C4	Date: 04-Feb-09	No.: RD059009e
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**RTB Reissue**

The items in bold italics have been changed.

Subject: Firmware Release Note: Scanner		Prepared by: J.Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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 **Scanner**.

Version	Program No.	Effective Date	Availability of RFU
02.01	D4515510E	November 2011 production	Available
01.07	D4515510D	September 2009 production	Available
01.06	D4515510C	June 2009 production	Available
01.05	D4515510B	March 2009 production	Available
01.04	D4515510A	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
02.01	Symptoms Corrected: 1. With machines that apply either the Basic Authentication or the Key Counter, the operation panel could black out and result in SC819/ <b>SC899</b> when turning OFF/ON the main power after the black out. 2. While the machine is logged in by Basic Authentication, unauthorized users can access applications using authentication of anonymous TWAIN users. 3. Files could be sent in the wrong format and counted in WSD-Scanner (Push) transmission.
01.07	Other changes: WSD Scanner (Push Type) now supports Windows 7/Windows 2008 Server R2. Notice: Due to Windows 7/Windows 2008 Server R2 spec changes, WSD Scanner (Push Type) jobs that are in-progress can no longer be manually cancelled from the PC side.
01.06	Symptom corrected: 1. Scan to NCP fails if all of the following conditions met: - The destination is specified using the IP address. - The Novell server and the device are in different subnets. - The subnet routers filter SLP multicasts. Note: Requires System firmware (version 1.03 or later) and Scanner firmware (version 01.06 or later). 2. Scan to NCP fails or takes long time to complete if the IPX protocol is used and there are more than 2 Novell Directory Services (NDS) servers in the network hierarchy. Note: Requires System firmware (version 1.03 or later) and Scanner firmware (version 01.06 or later).



**Reissued: 05-Jun-12**

Model: B-C4		Date: 04-Feb-09	No.: RD059009e
01.05	Symptom corrected: 1. Job log CSV file contains the wrong "User Entry ID" for scanner jobs that were sent from the document server. This only occurred using either UserCode Authentication or Basic Authentication 2. The Job log displayed by WSDM contains the wrong "User Code/User Name", "User Entry ID" and "User display name" for scanner jobs that were sent from the document server. This only occurred using either UserCode Authentication or Basic Authentication.		
01.04	1st Mass production		

**Reissued: 18-Aug-10**

Model: <b>B-C4</b>	Date: 04-Feb-09	No.: RD059010c
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**RTB Reissue**

The items in bold italics have been added.

Subject: Firmware Release Note: LCDC		Prepared by: T. Mimura	
From: PPBG Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (      )	<input type="checkbox"/> Tier 2

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

**EUR**

Version	Program No.	Effective Date
<b><i>1.06</i></b>	<b><i>D0591522D</i></b>	<b><i>July 2010 production</i></b>
1.02	D0591522C	December 2009 production
1.01	D0591522B	1st Mass production

**USA**

Version	Program No.	Effective Date
<b><i>1.06</i></b>	<b><i>D0591521C</i></b>	<b><i>July 2010 production</i></b>
1.01	D0591521B	1st Mass production

**CHN**

Version	Program No.	Effective Date
<b><i>1.06</i></b>	<b><i>D0591529A</i></b>	<b><i>July 2010 production</i></b>
1.03	D0591529	1st Mass production

**Reissued: 18-Aug-10**

Model: B-C4	Date: 04-Feb-09	No.: RD059010c
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**EUR**

Version	Modified Points or Symptom Corrected
<b>1.06</b>	<b><i>Specification changed:</i></b> - <b><i>New message added.</i></b>
1.02	Symptom Corrected: - Translation in French corrected.
1.01	1st Mass production

**USA**

Version	Modified Points or Symptom Corrected
<b>1.06</b>	<b><i>Specification changed:</i></b> - <b><i>New message added.</i></b>
1.01	1st Mass production

**CHN**

Version	Modified Points or Symptom Corrected
<b>1.06</b>	<b><i>Specification changed:</i></b> - <b><i>New message added.</i></b>
1.03	1st Mass production

**Reissued: 19-Aug-14**

Model: B-C4	Date: 04-Feb-09	No.: RD059011f
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**RTB Reissue**

The items in bold italics have been corrected.

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

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

Version	Program No.	Program No.	Availability of RFU
<b>1.06</b>	<b>D4515755G</b>	<b>September 2014 production</b>	<b>Available</b>
1.05	D4515755F	May 2012 production	Available
1.04	D4515755E	August 2011 production	Available
1.03	D4515755D	April 2011 production	Available
1.02	D4515755C	October 2009 production	Available
1.01	D4515755B	August 2009 production	Available
1.00	D4515755A	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
<b>1.06</b>	<b>Symptoms corrected:</b> <b><i>Fine line of picture frame used by HP/GL2 might not be drawn.</i></b>
1.05	Symptoms corrected: 1. Multiple-glyph fonts are not printed at all if any of the glyphs are missing. An example of a multiple-glyph font is a letter with 2 dots over it such as 'Ä'. The 2 dots and the letter might be separate glyphs. If for example the 2 dots are missing, the 'A' should still be printed. 2. Image rotation might result in parts of a page being blacked out. 3. HP-GL jobs might be missing objects or fail to print completely.
1.04	Symptom corrected: 1. The printing of documents containing more than 65,535 Bezier curves results in the device hanging up ("Printing ..." is displayed indefinitely). 2. Characters or symbols missing from the printouts of jobs containing HP-GL/2. 3. Objects out of position in PCL5 jobs containing HP-GL/2 and macro.
1.03	Symptom corrected: 1. PCL jobs containing images might be printed slowly. 2. If a PCL6 job is printed to a shift tray immediately following a PCL5 job, each page of the PCL6 job will be shifted instead of each job or copy being

**Reissued: 19-Aug-14**

Model: B-C4		Date: 04-Feb-09	No.: RD059011f
Version	Modified Points or Symptom Corrected		
	<p>shifted.</p> <p>Note: This problem was reported most often in cases where a PCL6 job is printed with the Windows PCL5 Separator page (PCL.sep).</p> <ol style="list-style-type: none"> <li>When a page object is superimposed over top of another, the overlapping portions of the objects might be printed in black even if they were not black objects.</li> <li>PCL XL error resulting in jobs being cancelled occurring under a very specific set of circumstances.</li> <li>A device stall might occur if using a very specific combination of font types.</li> <li>PCL5 raster images are omitted from the printout if any part of the raster image is located outside of the printable area. This did not occur if using the driver.</li> <li>A paper size mismatch occurs if all of the following conditions are met: <ul style="list-style-type: none"> <li>The PCL job specifies the Interposer as the source tray.</li> <li>The paper is placed in the in the Interposer LEF.</li> <li>The PCL job uses any of the following options: Staple, Punch, Ring Binding, Perfect Binding, Z-Folding, Multi-sheet Fold, Trimmer</li> </ul> </li> </ol>		
1.02	<p>Other changes:</p> <p>N-job printing: Processing times have been reduced for initialization/deinitialization of soft fonts at the conclusion of PCL5 jobs, and for the calculation of environmental parameters.</p>		
1.01	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>The device suddenly stops printing PCL5 macros after printing a large number of pages (500 or more) and continues to omit macros from PCL5 jobs until the device is rebooted.</li> </ol>		
1.00	1st Mass production		

**Reissued: 03-Oct-11**

Model: B-C4	Date: 04-Feb-09	No.: RD059012c
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Firmware Release Note: PS3/PDF		Prepared by: J.Ohno	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (      )	<input type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
<b>1.04</b>	<b><i>D4515120E</i></b>	<b><i>October 2011 production</i></b>	<b><i>Available</i></b>
1.02	D4515120C	December 2009 production	Available
1.01	D4515120B	August 2009 production	Available
1.00	D4515120A	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
<b>1.04</b>	<b><i>Symptoms Corrected:</i></b> <b><i>1. Incorrect association between the CID resource and the font resource disables PDF direct-print using downloaded fonts.</i></b> <b><i>2. PDF direct-printing results in error "%%[ERROR: typecheck OFFENDING COMMAND: image]%%" followed by a job reset if the PDF data contains tiling patterns using image masking.</i></b>
1.02	Symptom corrected: 1. Batch printing of PDF documents results in a memory overflow and all jobs being cancelled.
1.01	Symptom corrected: 1. PDF Direct Printing of PDFs containing multiple images might result in the PS error "limitcheck" being printed.
1.00	1st Mass production

Model: B-C4	Date: 04-Feb-09	No.: RD05913
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Subject: Firmware Release Note: RPCS		Prepared by: T. Tadokoro	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (      )	<input type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date
3.8.5.2.1	D4515802A	1st Mass production

Version	Modified Points or Symptom Corrected
3.8.5.2.1	1st Mass production



**Reissued: 18-Aug-10**

Model: B-C4	Date: 18-Feb-09	No.: RD059014b
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**RTB Reissue**

The items in bold italics have been added.

Subject: Firmware Release Note: Language Install		Prepared by: T. Mimura	
From: PPBG Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (      )	<input type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date
<b>1.06</b>	<b><i>D0591526B</i></b>	<b><i>July 2010 production</i></b>
1.02	D0591526A	December 2009 production
1.01	D0591526	1st Mass production

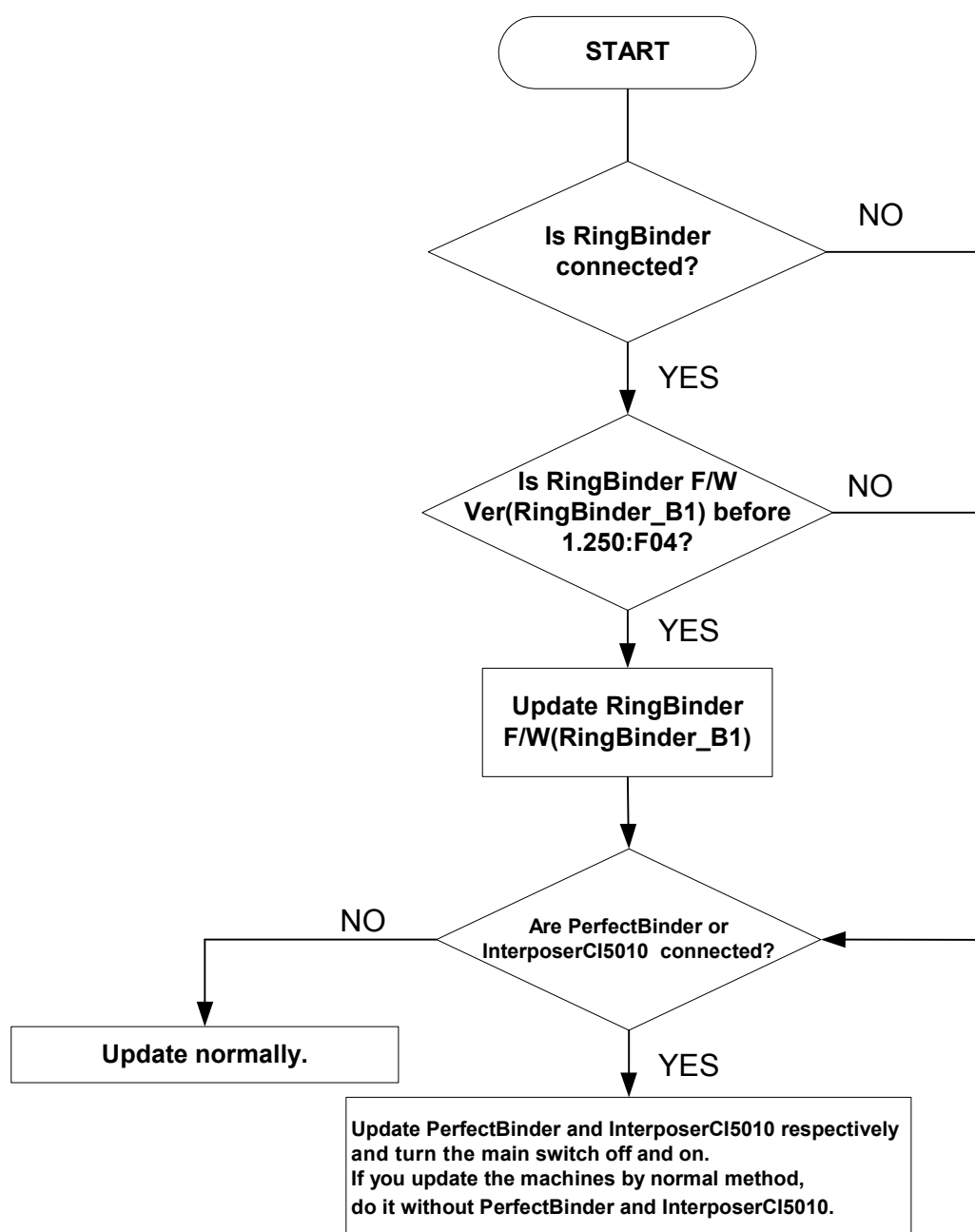
Version	Modified Points or Symptom Corrected
<b>1.06</b>	<b><i>Specification changed:</i></b> - <b><i>New message added for all languages.</i></b>  <b><i>Symptom Corrected:</i></b> - <b><i>Translation in Finnish corrected.</i></b>
1.02	Symptom Corrected: 1. Translation in French corrected. 2. Translation in Polish corrected. 3. Translation in Finnish corrected. 4. Translation in Hungarian corrected.
1.01	1st Mass production

Model: Bellini-C4	Date: 18-Mar-09	No.: RD059015
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Subject: Method of Peripherals F/W update		Prepared by: Tsutsui	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (     )	<input type="checkbox"/> Tier 2

We have a notice for F/W updating Katana-C2 peripherals.  
We will describe the procedure below.

Look at the flow chart.



Model: Bellini-C4	Date: 18-Mar-09	No.: RD059015
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First, check the Ring Binder F/W Ver., and update it if necessary.

Next, check whether the system has Perfect Binder or Interposer CI5010 or not.

If the system has Perfect Binder or Interposer CI5010, update Perfect Binder or Interposer CI5010 respectively and turn the main switch off and on.

**NOTE**

Make sure that the Binder unit of the Ring Binder is set in the Ring Binder in advance.

Reissued: 27-Mar-09

Model: B-C4	Date: 25-Mar-09	No.: D059016a
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## RTB Reissue

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

Subject: Firmware Update		Prepared by: T.Tadokoro	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (     )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Please update the following firmware for Katana-C2.

### 1. Engine

Program Name	Firmware No.	Version
Engine	D0595225C	1.04.04

### Engine

Version	Modified Points or Symptom Corrected
1.04:04	<p><b>Symptom Corrected:</b></p> <ol style="list-style-type: none"> <li>1. When restarting a print job by cancelling a staple operation due to the initial operation having automatically stopped from running out of staples, a jam occurs.</li> <li>2. After making a single copy of an A3 original to an A3 output from the ADF, this image is falsely reproduced on the output of the following copy job if it consists of an A5Y original to an A3 output.</li> <li>3. Jam95 and SC584 occur upon network error.</li> <li>4. False detection of SC206.</li> <li>5. SC990 occurrence during a bookbinding operation on the Perfect Binder.</li> <li>6. Occurrence of Jam14 when paper is continuously fed from Tray 5.</li> <li>7. False indication of Jam001 when jam occurs in the peripherals.</li> <li>8. Jam 69 occurs when switching the line speed mode.</li> <li>9. When continuing a print job that consists a change from "3-hole" to a "2-hole" punch, jam occurrence is high, finally resulting in SC763.</li> <li>10. SC585 occurs when the mainframe front cover is opened at sleep mode.</li> <li>11. During paper ejection to the Loire proof tray, even when the descend button is pressed, the stacker tray would not descend until the print job is completed.</li> <li>12. Occurrences of JAM407 and JAM23 during a staple job.</li> <li>13. When a jam occurs in the downstream peripherals, the paper in the mainframe is not fed to the purge tray.</li> <li>14. SC990 occurs when paper is ejected to the Loire, consisting of a job with different sized paper having fed from the mainframe and the inserter.</li> </ol> <p><b>Other changes:</b></p> <ol style="list-style-type: none"> <li>1.Productivity improvement</li> </ol>

After performing the update, execute SP7801 to confirm that the version is the latest.

**Reissued: 27-Mar-09**

Model: B-C4	Date: 25-Mar-09	No.: D059016a
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**2. Stacker\_LOIRE1**

Program Name	Firmware No.	Version
Stacker_LOIRE1	B4475104B	02.16:09

**Stacker\_LOIRE1**

Version	Modified Points or Symptom Corrected
02.160:09	<b>Symptom Corrected:</b> <i>SC990 occurs if the front/top doors on the Loire are opened/closed while the finisher is in operation.</i>

After performing the update, execute SP7801 to confirm that the version is the latest.

**3. Inserter**

Program Name	Firmware No.	Version
Inserter	B8355510D	02.067:40 or later

**Inserter**

Version	Modified Points or Symptom Corrected
02.067:40	<b>Other changes:</b> <i>Support for Katana-C2/P1.</i>

After performing the update, execute SP7801 to confirm that the version is the latest.

**4. Finisher\_COLUMBIA**

Program Name	Firmware No.	Version
Finisher_COLUMBIA	D4345620E	3.06

**Finisher\_COLUMBIA**

Version	Modified Points or Symptom Corrected
03.060:08	<b>Symptom corrected:</b> <i>- J406 occurs when paper runs out in a Staple mode; stapling more than 81 sheets. (object to Pro 1357EX only)</i>
03.050:08	<b>Other changes:</b> <i>Leading edge positioning in the staple tray will be changed for single-stapling of 2-4 sheets of paper sizes up to A4T.</i>

After performing the update, execute SP7801 to confirm that the version is the latest.

**Reissued: 27-Mar-09**

Model: B-C4	Date: 25-Mar-09	No.: D059016a
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**5. SR5000 Finisher**

Program Name	Firmware No.	Version
SR5000 Finisher	B8305102L	1.50

**SR5000 Finisher**

Version	Symptom Corrected
1.500	<p><b>Symptom Corrected:</b></p> <ol style="list-style-type: none"> <li>1. Operation stops and will not recover when the "stop" button on the Victoria-E_LED is pressed during stacker exit.</li> <li>2. Deactivate request cannot be cancelled at Plockmatic connection.</li> <li>3. Deactivate request cannot be cancelled at GBC connection.</li> <li>4. Under the condition of having no staples, jam occurs when the staple function is released after its operation has been stopped.</li> <li>5. In Aegis-P1, paper cannot be fed when Plockmatic is connected; the indicator shows "full" in the shift tray.</li> </ol> <p><b>Other changes:</b></p> <ol style="list-style-type: none"> <li>1. In staple-mode, a single sheet of paper ejected to the shift tray will not be stapled.</li> </ol> <p>※ Although display differs in version-up Finisher Version (1.500:53) and SP mode Version (1.500:52), there is no problem as long as the SP mode Version is set to "1.500".</p>

After performing the update, execute SP7801 to confirm that the version is the latest.

**6. Perfect Binder**

Reissued: 27-Mar-09

Model: B-C4	Date: 25-Mar-09	No.: D059016a
Program Name	Firmware No.	Version
P-Binder_B1	D3915020B	<b>0.23:08</b>
P-Binder_B2	D3915070B	0.19
P-Binder_B3	D3915730A	0.13
P-Binder_B4	D3915120A	0.14
P-Binder_B5	D3915170A	0.25

## ***P-Binder\_B1***

Version	Modified Points or Symptom Corrected
<b>0.23:08</b>	<p><b>Note :</b>  <i>Where this firmware is to be used, ensure other firmware versions are as below (or newer).                      If firmware versions are not as indicated below, please update the firmware.</i></p> <p><i>P-Binder_B1 : D3915020B : Ver0.23                      P-Binder_B2 : D3915070B : Ver0.19                      P-Binder_B3 : D3915730A : Ver0.13                      P-Binder_B4 : D3915120A : Ver0.14                      P-Binder_B5 : D3915170A : Ver0.25</i></p> <p><b>Symptom Corrected:</b></p> <ul style="list-style-type: none"> <li><i>The exchange message doesn't disappear even if the counter is cleared in the service mode after the Glue Heater is exchanged.</i></li> <li><i>When a Z-Fold Unit is connected right after a Perfect Binder, the main machine doesn't recognize the Z-Fold Unit or anything behind it.</i></li> </ul>

## ***P-Binder\_B2***

Version	Modified Points or Symptom Corrected
<b>0.19:00</b>	<p><b>Note :</b>  <i>Where this firmware is to be used, ensure other firmware versions are as below (or newer).                      If firmware versions are not as indicated below, please update the firmware.</i></p> <p><i>P-Binder_B1 : D3915020B : Ver0.23                      P-Binder_B2 : D3915070B : Ver0.19                      P-Binder_B3 : D3915730A : Ver0.13                      P-Binder_B4 : D3915120A : Ver0.14                      P-Binder_B5 : D3915170A : Ver0.25</i></p> <p><b>Symptom Corrected:</b></p> <ul style="list-style-type: none"> <li><i>The exchange message doesn't disappear even if the counter is cleared in the service mode after the Glue Heater is exchanged.</i></li> <li><i>When a Z-Fold Unit is connected right after a Perfect Binder, the main machine doesn't recognize the Z-Fold Unit or anything behind it.</i></li> </ul>

After performing the update, execute SP7801 to confirm that the version is the latest.



Reissued: 27-Mar-09

Model: B-C4	Date: 25-Mar-09	No.: D059016a
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## 7. Ring Binder

Program Name	Firmware No.	Version
R-Binder_B1	D3925510C	01.270:04
R-Binder_B2	D3925520B	01.050:01

### R-Binder\_B1

Version	Modified Points or Symptom Corrected
01.270:04	<p><b>Symptom Corrected:</b></p> <ol style="list-style-type: none"> <li>(1) <i>JAM indication appears when power switch is turned on if of punch unit has been removed.</i></li> <li>(2) <i>Correct information on parts number and software version is not transmitted to the main frame in configuration of Venus-C2+Ring Binder.</i></li> <li>(3) <i>Holds a WAIT status when release of energy saving is executed during non-energy saving mode.</i></li> <li>(4) <i>Commands cannot be sent from Ring Binder to mainframe when ACK transmission interposes during a command transmission.</i></li> <li>(5) <i>Reboot does not operate when ATN is received from an upstream peripheral device after its connection has been made.</i></li> <li>(6) <i>Book binding function does not operate when a malfunction in the network is found in the downstream peripheral devices.</i></li> <li>(7) <i>A jam occurs when punching a few sheets (1-3 sheets) with big curls in punch mode.</i></li> </ol> <p><b>Other changes:</b></p> <ol style="list-style-type: none"> <li>(1) <i>Support for low linear speed action (for Venus-C2)</i></li> <li>(2) <i>Change in linear speed acceleration point (for Aegis-C1/P1)</i>  <i>Acceleration point has been shifted 10mm towards downstream peripheral devices.</i></li> </ol> <p><b>=NOTE=</b></p> <ul style="list-style-type: none"> <li>· <i>Please update both main board and sub board concurrently as they function in combination.</i></li> </ul> <p><i>Ring Binder_B1:D3925510C:Ver01.270:04</i>  <i>Ring Binder_B2:D3925520B:Ver01.050:01</i></p> <ul style="list-style-type: none"> <li>· <i>Please update your version when connecting Bellini-C4, Aegis-P1/C1 or Venus-C2.</i></li> </ul>

**Reissued: 27-Mar-09**

Model: B-C4	Date: 25-Mar-09	No.: D059016a
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**R-Binder\_B2**

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

- (1) If the RingBinder\_B1 version is prior to 01.250 :04 (before performing the update), please make sure to download the RingBinder firmware first, and then the peripherals.
- \* Firmware modules for RingBinder\_B1 and RingBinder\_B2 can be downloaded continuously. Continuous download with downstream peripherals cannot be performed if the RingBinder\_B1 version is prior to 01.250:04.

(2) The binder unit must not be drawn out when performing the update.

(3) After performing the update, execute SP7801 to confirm that the version is the latest.

**8. Trimmer**

Program Name	Firmware No.	Version
Trimmer	D4555510B	15.24:13

**Trimmer**

Version	Modified Points or Symptom Corrected
15.24:13	<p><b>Problem to be Solved</b></p> <p>· <b>Occurrence of JAM437</b></p>

After performing the update, execute SP7801 to confirm that the version is the latest.

Model: B-C4		Date: 25-Mar-09	No.: RD059017
Subject: Caution on attaching the A3/11"x17" Tray Unit TK5010		Prepared by: T.Tadokoro	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (     )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

**CAUTION**

Ensure correct positioning when attaching the A3/11"x17" Tray Unit TK5010 to the Katana-C2.  
 If not attached to the correct position, you might not be able to open the tray.  
 Please check the following procedure for correct attachment.

Model: B-C4

Date: 25-Mar-09

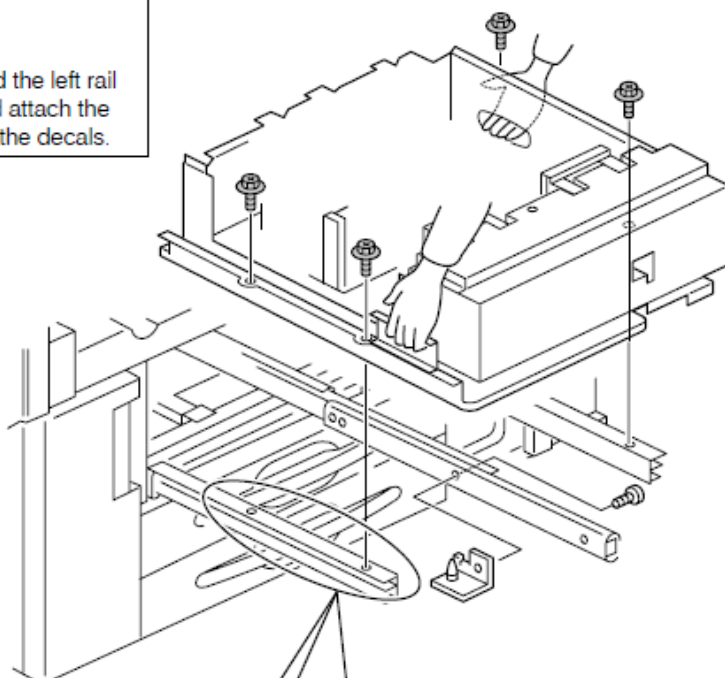
No.: RD059017

## 注意

キットの組付けは、左側のレールをいっぱい引き出してネジ穴が3ヶ所見える位置で、M3ネジをデカル位置2ヶ所に組付ける。

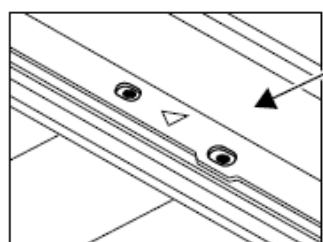
## Caution

When installing the kit, be sure to fully extend the left rail so that the three screw holes are visible, and attach the two M3 screws in the positions indicated by the decals.



穴が3ヶ所見えた位置にレールを合わせる。

Align all three screw holes with those along the left rail.

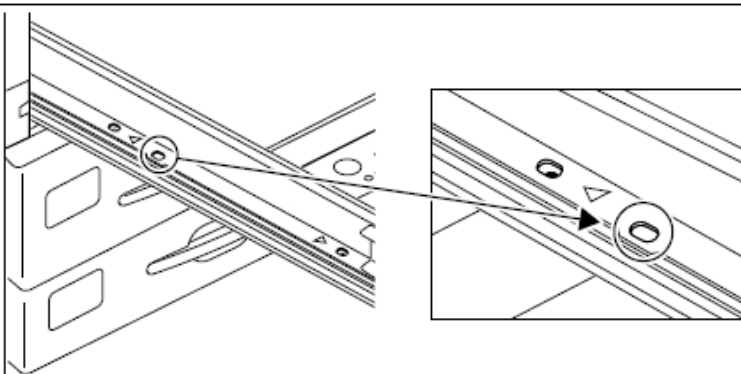


## レールの不適切な位置

### Check for Proper Alignment

1ヶ所穴が見えていない。

If one screw hole is not visible, the kit is not properly aligned with the rail.



**Reissued: 19-Aug-14**

Model: B-C4	Date: 03-Apr-09	No.: RD059018d
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Firmware Release Note: Option IPDS		Prepared by: Y.Tanimoto	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

Version	Program No.	Effective Date	Availability of RFU
<b>7.083</b>	<b>D4510501D</b>	<b>September 2014 production</b>	<b>Not available</b>
7.079	D4510501C	June 2013 production	Not available
7.073	D4510501B	May 2011 production	Not available
7.050	D4510501A	July 2010 production	Not available
5.537	D4510501	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		
7.083	<b>Symptoms Corrected:</b> <i>A part of hatched area and vartical and horizontal line could not be printed.</i> <i>Data included paticure DBCS fonts could not be printed.</i> <i>QR code could not be printed correctly.</i> <i>Two demension bar code, QR code, PDF417, Data Matrix, would not be printed</i>		
	<b>Note:</b> <i>To ensure IPDS sertification, the following conbination is needed.</i>		
	<b>Module</b>	<b>Version (or later)</b>	<b>p/n</b>
	<b>System</b>	<b>V2.10</b>	<b>D0595552P</b>
	<b>Printer</b>	<b>V1.06</b>	<b>D4515521J</b>
	<b>Engine</b>	<b>V1.13:04</b>	<b>D0595225M</b>
	<b>LCDC</b>	<b>V1.06</b>	<b>D0591520C</b>
	<b>NCS</b>	<b>V8.74</b>	<b>D0595553J</b>
	<b>Net File</b>	<b>V1.08</b>	<b>D0595557F</b>
	<b>Websys</b>	<b>V1.05.1</b>	<b>D0595554D</b>
	<b>WebUapl</b>	<b>V1.03</b>	<b>D0595556C</b>
	<b>Subsystem</b>	<b>V1.16</b>	<b>D0595550F</b>
<b>LOIRE</b>	<b>V2.23:09</b>	<b>D4475104F</b>	

**Reissued: 19-Aug-14**

Model: B-C4	Date: 03-Apr-09	No.: RD059018d
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Version	Modified Points or Symptom Corrected
7.079	Symptoms Corrected: <ol style="list-style-type: none"><li>1. Intermittent NACK(0595..11) resulting in jobs being cancelled.</li><li>2. The device is unable to negotiate a session with certain host applications such as Océ Prisma.</li><li>3. Characters defined in TrueType/OpenType Collection in the Object Container cannot be printed and a NACK(020D..02) error is sent to the host.</li><li>4. An image might lose its shape when Scale to Fill mode is set.</li></ol>
7.073	Symptoms Corrected: <ol style="list-style-type: none"><li>1. Certain bar codes are printed wider (horizontally) than expected.</li><li>2. Some of the characters are printed incorrectly when printing IPDS using downloaded fonts that are defined with the same font name used for a different font.</li><li>3. Printing stalls when the host lacks IPDS memory and fails to delete the font resource from the printer (to secure memory).</li></ol>
7.050	Specification changed: <ul style="list-style-type: none"><li>- IPDS Firmware FS45 + Object Container function added.</li></ul> Symptom fixed: <ul style="list-style-type: none"><li>- IPDS hang up problem fixed. (Printing duplex and simplex mixed job.)</li><li>- Behavior fixed when jamming after IPDS Font List print.</li><li>- Behavior fixed when printing from IPDS. (Duplex print data printed simplex. Half tone printed black.)</li><li>- IPDS connectivity fixed.</li></ul>
5.537	1st Mass production

**Reissued:26-Aug-09**

Model: B-C4	Date: 06-Apr-09	No.: RD059019a
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**RTB Reissue**

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

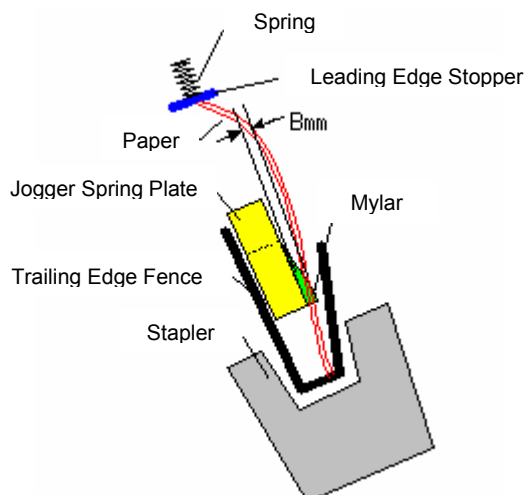
Subject: Booklet Finisher SR5020 staple position adjustment		Prepared by: T.Tadokoro
From: PPBG QA/Service Planning Dept.		
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (      )
		<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## SYMPTOM

Staple position could be misaligned on the SR5020 when stapling 2-4 sheets in “rear-oblique” mode with paper size of A4T or smaller.

## CAUSE

Misaligned stapling is caused by the shifting of the stacked paper when the stapler clinches. A portion of the trailing edge of the stack of paper is caught by the Jogger Spring Plate as it is bent when jogged by the Spring, which causes the shift.



## SOLUTION

If this problem is reported from the field, please follow the instructions of SP 6208 or Adjustment Settings for Operators.

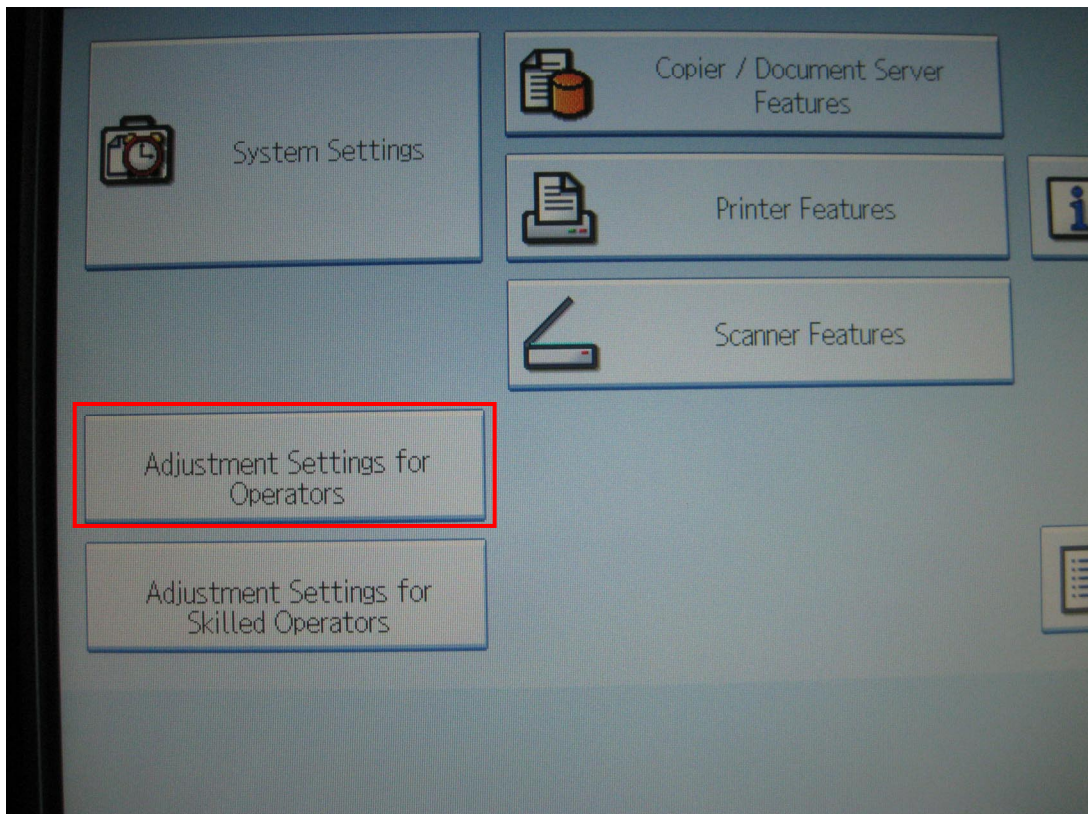
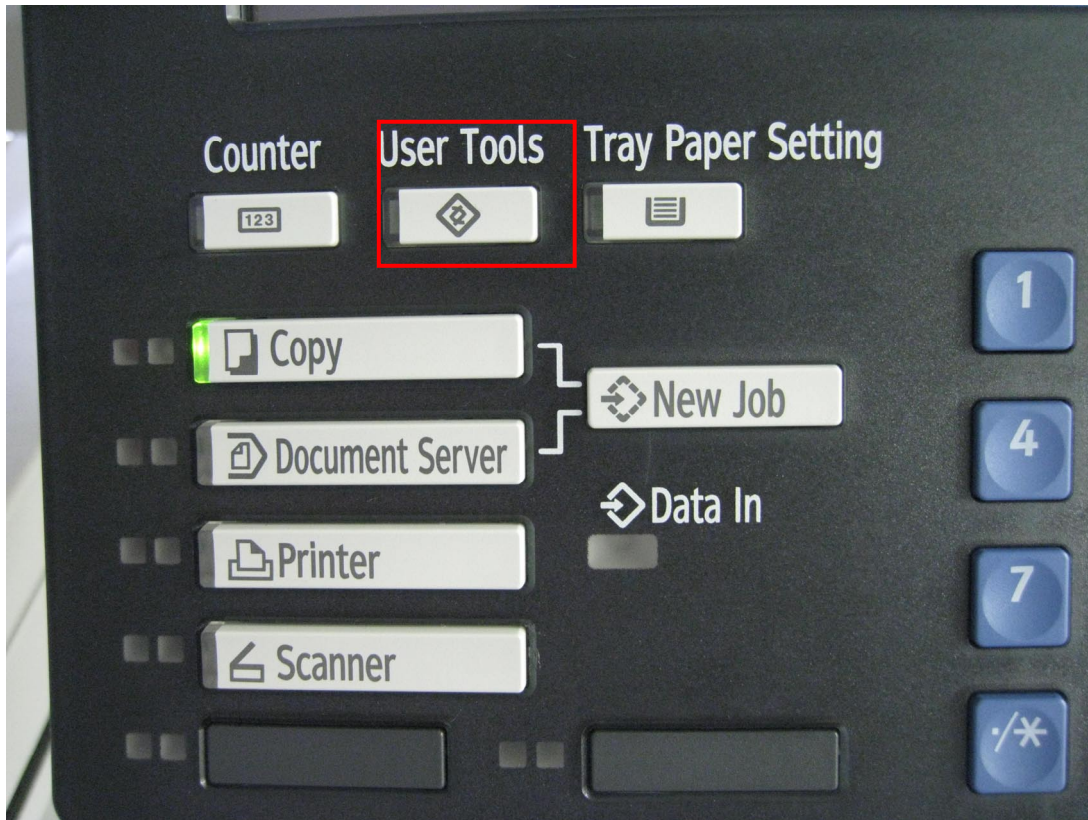
SP Mode : SP6208



**Reissued:26-Aug-09**

Model: B-C4	Date: 06-Apr-09	No.: RD059019a
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Adjustment Settings for Operators :





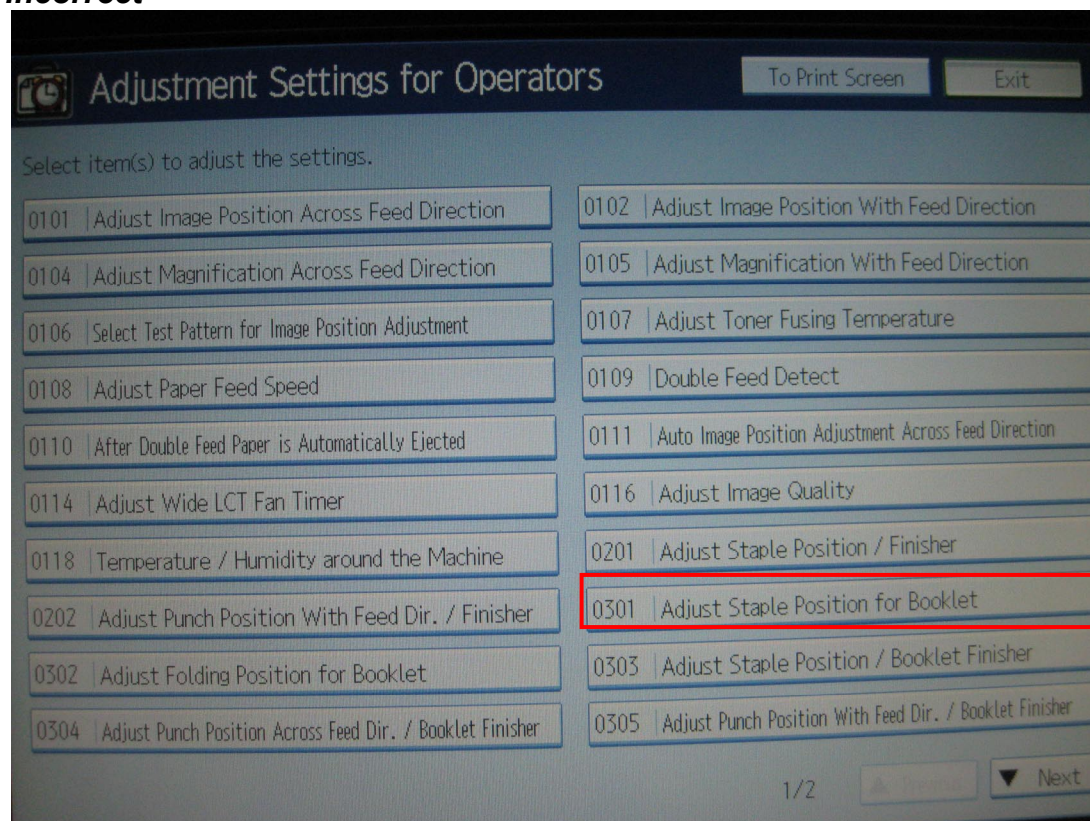
Reissued:26-Aug-09

Model: B-C4

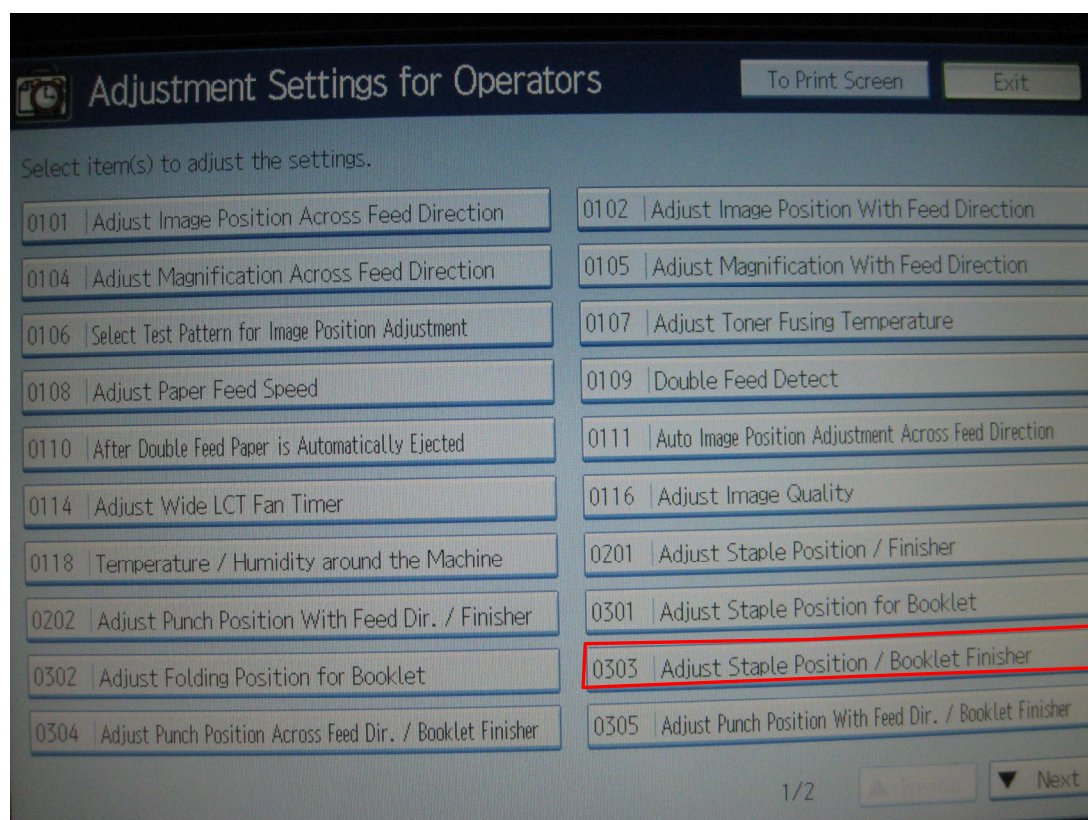
Date: 06-Apr-09

No.: RD059019a

## Incorrect



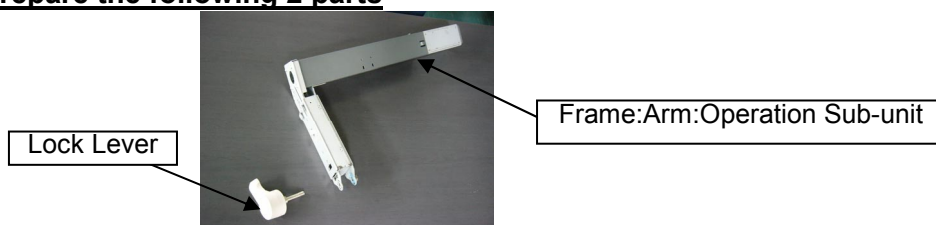
## Correct



Model: Bellini-C4		Date: 20-Apr-09	No.: RD059020
Subject: Operation panel lock lever screw lock		Prepared by: K. Tsuitsui	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (     )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

## Bellini-C4 : Correction Work Procedure for Installing the Operation Panel

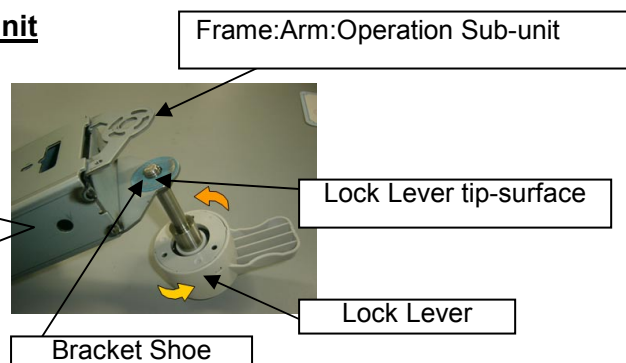
1. Open and remove mainframe packaging (no different from normal installation procedure)
2. Open and remove packaging of the parts (no different from normal installation procedure)
3. Prepare the following 2 parts



### 4. Checking the Bracket Shoe:Operation Sub-unit

Screw in the Lock Lever from the opposite end (nut side). Check the rotation load when the tip-surface of the Lock Lever screws into the bracket hole.

**TIPS**  
If the rotation load is extraordinarily heavy, do NOT forcibly screw in. Remove and follow the adjustment procedure to prevent screw threads from stripping.

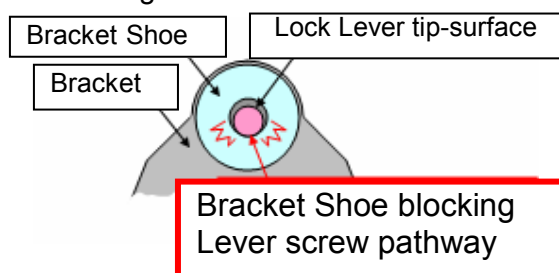


**GOOD**  
The lever is screwed all the way in using only one finger. If so, move on to "7 Checking Coaxiality".

**BAD**  
If the "rotation load is heavy" or "stops halfway", do NOT remove the lever yet, move on to "5 Adjusting the Bracket Shoe".

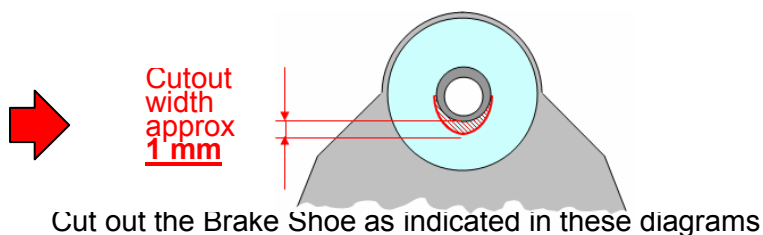
### 5. Adjusting the Bracket Shoe (applied only when resulting in "BAD" in the previous step)

Check the part where the Bracket Shoe and Lever screw are interfering. Then remove the lever.

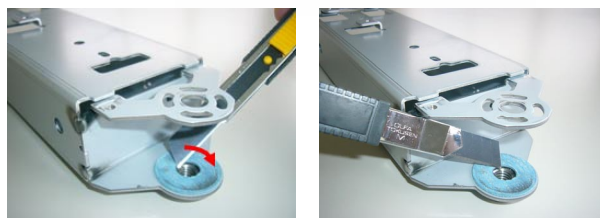


In most cases, interference occurs in the location shown above.

Additional Work



Cut out the Brake Shoe as indicated in these diagrams





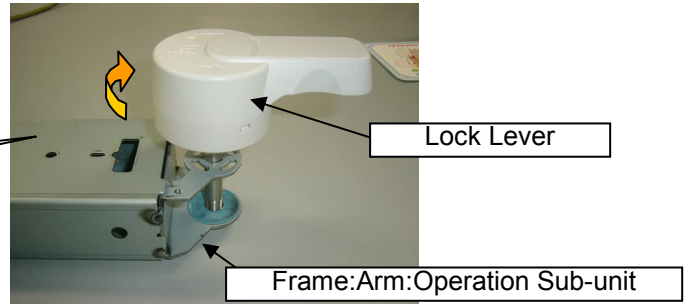
## 6. Re-checking of Bracket Shoe (applied only after completing "Additional Work")

Go back to "4. Checking the Bracket Shoe" for determination of GOOD or BAD. If GOOD, move on to "8. Adjusting Coaxiality". If BAD, reasons could be "not enough cutout" or "cutout made in the wrong location". Please consider these 2 points and redo "5. Adjusting the Bracket Shoe".

## 7. Checking Coaxiality

Screw in the Lock Lever from the same direction as in the regular procedure. Check the rotation load when it enters the nut and the rotation load as it screws into the nut.

If rotation load is extraordinarily heavy, do NOT forcibly screw in. Remove and follow the adjustment procedure to prevent screw threads from stripping.



### GOOD

The lever is screwed all the way in using only one finger. If so, move on to "10 Completing the Correction Work Procedure".

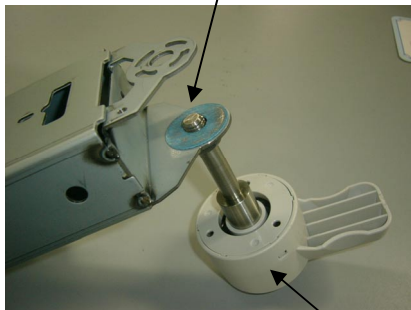
### BAD

If "Lever doesn't screw into the nut", "rotation load is heavy", or "stops halfway", remove the lever and move on to "8 Adjusting Coaxiality".

## 8. Adjusting Coaxiality (applied only when resulting in "BAD" in the previous step)

Screw in the lever all the way in from the nut side.

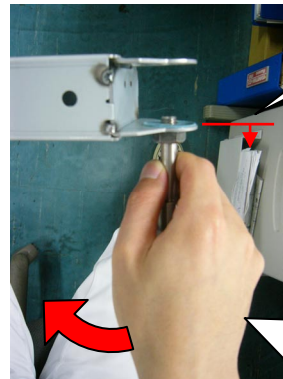
Frame:Arm:Operation Sub-unit



Lock Lever

### Additional Work

Hold the Lever "fully" and adjust by pulling down and bending the plate as shown below.



Bending width is approx 0.1-0.3 mm. Be careful not to bend too much.

To protect the molded part from damage, hold the Lever "fully" including the shaft portion when making the adjustment.



## 9. Re-checking Coaxiality (applied only after adjusting Coaxiality in the above procedure)

Go back to "7. Checking Coaxiality" and check for GOOD or BAD. If GOOD, remove the lever, and this will complete the correction work procedure. If BAD, redo "8. Adjusting Coaxiality".

## 10. Completing the Correction Work Procedure

Remove the lever, and this completes the correction work procedure.

Model: Bellini-C4

Date: 20-Apr-09

No.: RD059020

**S/N of affected products**

Serial Number
1234567890
0987654321
1098765432
2109876543
3210987654
4321098765
5432109876
6543210987
7654321098
8765432109
9876543210

[Click here to zoom in on the list](#)

Model: Bellini-C4		Date: 27-Apr-09	No.: RD059021
Subject: Notice of setting SR5020 punch unit		Prepared by: K. Tsuitsui	
From: PPMC Service Planning Department 1G			
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 is for P.152 Punch Unit PU5020 in Katana-C2 (Bellini-C4) Service Manual. When installing PU5020 (Punch unit for SR5020), check the two items below for punching at the correct position.

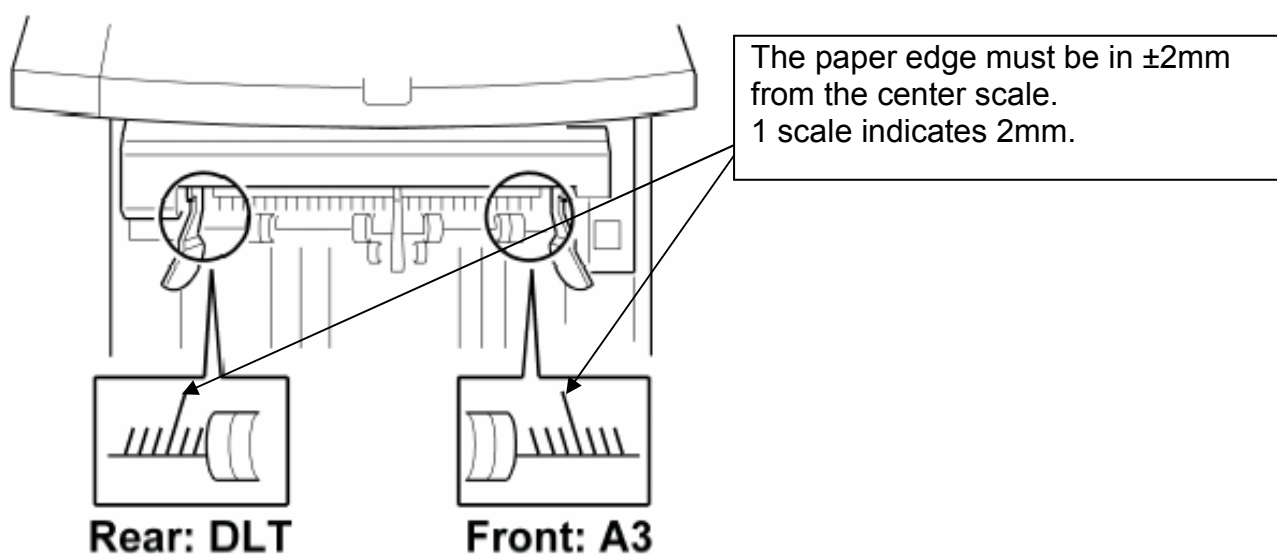
Also check the procedures below before you calibrate the CIS of the LCT.

### Side to side registration of SR5020

When adjusting side to side registration, check the paper fed from Tray 2 of mainframe is in  $\pm 2\text{mm}$  from the center scale.

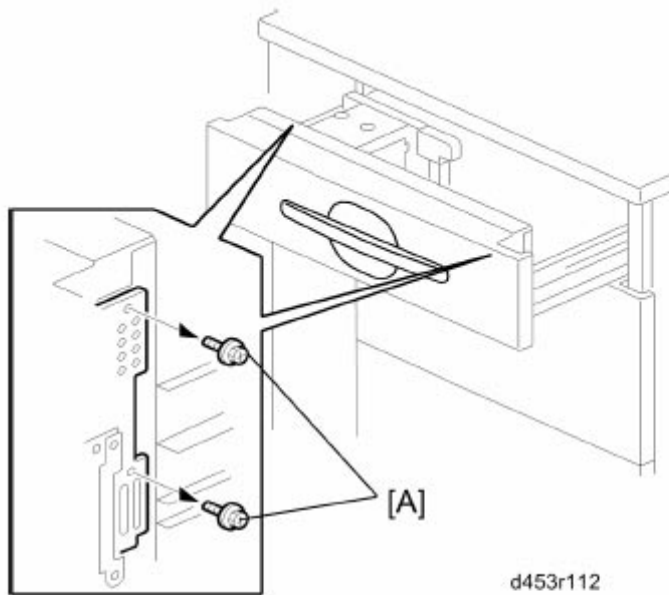
1 scale indicates 2mm.

For details, refer to the Bellini-C4 Service Manual: Common Adjustment: Skew and side-to-side Registration.



**Side registration of all the Paper feed trays**

Next, adjust all the trays feeding to the SR5020. For example, we will describe the LCT adjustment below. For details, refer to the Service Manuals of both LCTs.



Normally the side registration of the image can be adjusted with SP1002-004 to -006 (Side-to-Side Registration – Tray 4, 5, 6). When the punch hole positions are not aligned from a particular feed station, adjust the side registration by changing the tray cover position for the tray, as described below. Then adjust the side registration of the image with the SP1002.

1. Pull out the tray.
2. Change the screw positions [A] at both the right and left sides as shown.

**Note**

- Adjustment range:  $0 \pm 2.0$  mm adjustment step: 0.5 mm/step

For other peripherals such as By-pass tray and Cover Interposer, also adjust the side to side registration.

Model: IPDS Option for Bellini-C4 (Katana-C2)		Date: 18-May-09	No.: RD059022
Subject: IPDS option release		Prepared by: T.Tadokoro	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (      )	

**This RTB contains the installation procedure for the IPDS option  
when used on the Bellini-C4 (Katana-C2)**

The IPDS option will be released in May 2009. The installation procedure for this option on the Bellini-C4 (Katana-C2) is shown below.

## IPDS Option

## Accessories

Description	Q'ty
1. IPDS Emulation SD Card .....	1
2. Decal .....	1

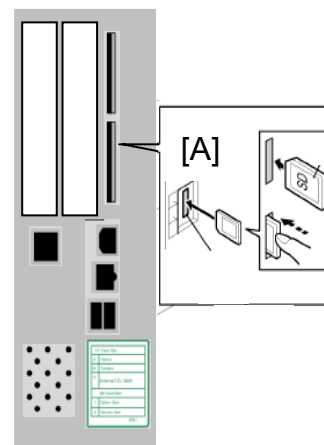
**Important:** Only one slot (C2) is available for SD cards that contain applications. If you want to use more than one application, merge all applications into one SD card (SP 5873-001).

## Installation

1. Check the software version.


Make sure the following versions are installed:

- OperationPanel  
NA: D0591521B / Ver1.01 or later  
EU: D0591522B / Ver1.01 or later
- System/ Copy  
D0595552C / Ver1.01.1 or later
- NCS  
D0595553C / Ver8.58.1 or later
- Printer  
D4515521C / Ver1.02 or later
- Websys  
D0595554B / Ver1.03 or later





Model: IPDS Option for Bellini-C4 (Katana-C2)	Date: 18-May-09	No.: RD059022
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2. If necessary, update the firmware to the version(s) listed above.
3. Turn OFF the main switch.
4. Remove the SD card slot cover (  x 1).
5. Insert the IPDS SD Card [A] into Slot **C2**.  
**NOTE:** Pushing in the SD Card releases it for removal. Make sure the SD Card is inserted and locked in place. If it is partially out of the slot, push it in gently until it locks in place.
6. Turn ON the main switch.
7. Do the following setting “A” or “B” to enable the IPDS function.

**A. Enable the IPDS function via telnet**

1. Connect the machine via telnet.
2. Execute the following commands:

msh> **set ipds up**

\*\*\*If you want to stop the function.

msh> **set ipds down**

**B. Enable the IPDS option via WebImageMonitor**

1. Log in to WebImageMonitor.
2. Change the setting to enable IPDS.


Model: Bellini-C4		Date: 20-May-09	No.: RD059023
Subject: Printer Bit Switch		Prepared by: T.Tadokoro	
From: PPMC Service Planning Department 1G			
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		

The Service Manual was changed as follows.

- **Replaced** the following description.  
(Pg. 961)

## Printer SP Tables

1001	Bit Switch		
001	Bit Switch 1		
	0	1	
	bit 0	DFU	-
	bit 1	DFU	-
	bit 2	DFU	-
	bit 3	<b>No I/O Timeout</b>	0: Disable      1: Enable
	Enable: The MFP I/O Timeout setting will have no effect. I/O Timeouts will never occur.		
	bit 4	<b>SD Card Save Mode</b>	0: Disable      1: Enable
	Enable: Print jobs will be saved to an SD Card in the GW SD slot.		
	bit 5	DFU	-
	bit 6	DFU	-
	bit 7	<b>[RPCS,PCL]: Printable area frame border</b>	0: Disable      1: Enable
	Enable: The machine prints all RPCS and PCL jobs with a border on the edges of the printable area.		

1001	Bit Switch		
002	Bit Switch 2		
	0	1	
	bit 0	DFU	-
	bit 1	DFU	-
	bit 2	<b>Applying a collation Type</b>	Shift Collate      Normal Collate
	A collation type (shift or normal) will be applied to all jobs that do not already have a 'Collate Type' configured.		
	<div>  <b>Note</b> </div> <ul style="list-style-type: none"> <li>▪ If #5-0 is enabled, this Bit Switch has no effect.</li> </ul>		

	bit 3	<b>[PCL5e/c,PS]: PDL Auto Switching</b>	0: Enable	1: Disable
		Disable: The MFPs ability to change the PDL processor mid-job. Some host systems submit jobs that contain both PS and PCL5e/c. If Auto PDL switching is disabled, these jobs will not be printed properly.		
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>Bit Switch</b>			
003	Bit Switch 3		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	<b>[PCL5e/c]: Legacy HP compatibility</b>	0: Disable	1: Enable
		Enable: Uses the same left margin as older HP models such as HP4000/HP8000. In other words, the left margin defined in the job (usually "<ESC>*r0A") will be changed to "<ESC>*r1A"		
	bit 3	DFU	-	-
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>Bit Switch</b>			
004	Bit Switch 4 <b>DFU</b>		-	-

<b>1001</b>	<b>Bit Switch</b>			
005	Bit Switch 5		0	1
		<b>Show "Collate Type", "Staple Type" and "Punch Type" buttons on the operation panel.</b>	Disable	Enable
	bit 0	If enabled, users will be able to configure a Collate Type, Staple Type, and Punch Type from the operation panel. The available types will depend on the device and configured options. After enabling the function, the settings will appear under: "User Tools > Printer Features > System"		
	bit 1	DFU	-	-


	bit 2	<b>Prevent SDK applications from altering the contents of a job.</b>	Disable	Enable
		<p>If this BitSw is enabled, SDK applications will not be able to alter print data. This is achieved by preventing SDK applications from accessing a module called the "GPS Filter".</p> <p>Note: The main purpose of this BitSw is for troubleshooting the effects of SDK applications on data.</p>		
	bit 3	<b>[PS] PS Criteria</b>	Pattern3	Pattern1
		<p>Change the number of PS criterion used by the PS interpreter to determine whether a job is PS data or not.</p> <p>Pattern3: includes most PS commands.</p> <p>Pattern1: A small number of PS tags and headers</p>		
	bit 4	<b>Increase max number of the stored jobs to 1000 jobs.</b>	Disable (100)	Enable (1000)
		<p>Enable: Changes the maximum number of jobs that can be stored on the HDD via Job Type settings to 1000. The default is 100.</p>		
	bit 5	<b>Face-up output</b>	Disable	Enable
		<p>Enable: All print jobs will be output face-up in the destination tray.</p>		
	bit 6	<b>Method for determining the image rotation for the edge to bind on.</b>	Disable	Enable
		<p>Enable: the image rotation will be performed as they were in the specifications of older models for the binding of pages of mixed orientation jobs.</p> <p>The old models are below:</p> <ul style="list-style-type: none"> <li>- PCL: Pre-04A models</li> <li>- PS/PDF/RPCS: Pre-05S models</li> </ul>		
	bit 7	DFU	-	-

<b>1001</b>	<b>Bit Switch</b>			
006	Bit Switch 6 <b>DFU</b>	-	-	

<b>1001</b>	<b>Bit Switch</b>			
007	Bit Switch 7		0	1
		<b>Print path</b>	Disable	Enable
	bit 0	<p>Enable: Simplex pages (in mixed simplex/duplex PS/PCL5 jobs only) and the last page of an odd paged duplex job (PS, PCL5, PCL6), are always routed through the duplex unit.</p> <p>Not having to switch paper paths increases the print speed slightly.</p>		
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	DFU	-	-
	bit 4	DFU	-	-

Model: Bellini-C4	Date: 20-May-09	No.: RD059023
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	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

<b>1001</b>	<b>Bit Switch</b>			
008	Bit Switch 8		0	1
	bit 0	DFU	-	-
	bit 1	DFU	-	-
	bit 2	DFU	-	-
	bit 3	<b>[PCL,PS]: Allow BW jobs to print without requiring User Code</b>	Disable	Enable
		Enable: BW jobs submitted without a user code will be printed even if usercode authentication is enabled.  <b>Note</b> ■ Color jobs will not be printed without a valid user code.		
	bit 4	DFU	-	-
	bit 5	DFU	-	-
	bit 6	DFU	-	-
	bit 7	DFU	-	-

Model: Katana-C2	Date:29-May-09	No.: RD059024
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Subject: Parts catalog correction		Prepared by: T. Tadokoro	
From: PPMC QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other (       )		

Incorrect part number	Correct part number	Description	Q'ty	Page	Index	Note
B2349590		Counter: PCB: NOVITA 2.2				
	→ <b>D0629590</b>	<b>NVRAM</b>	1	167	6	

**Change/Reason:** The part number and description in the Parts Catalog were corrected.

Model: Katana-C2	Date:29-May-09	No.: RD059025
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Subject: Parts catalog correction		Prepared by: T. Tadokoro	
From: PPMC QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other (       )	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

New part number	Description	Q'ty	Int	Page	Index	Note
D0591512	PCB:OPU:BELC4:EU:ASS'Y	1	-	31	26	Add

**Change:** Parts were added.

**Reason:** This part was missing from the Parts Catalog.

Reissued:6-Jul-09

Model: Katana-C2(Bellini-C4)	Date: 1-Jun-09	No.: RD059026b
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## RTB Reissue

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

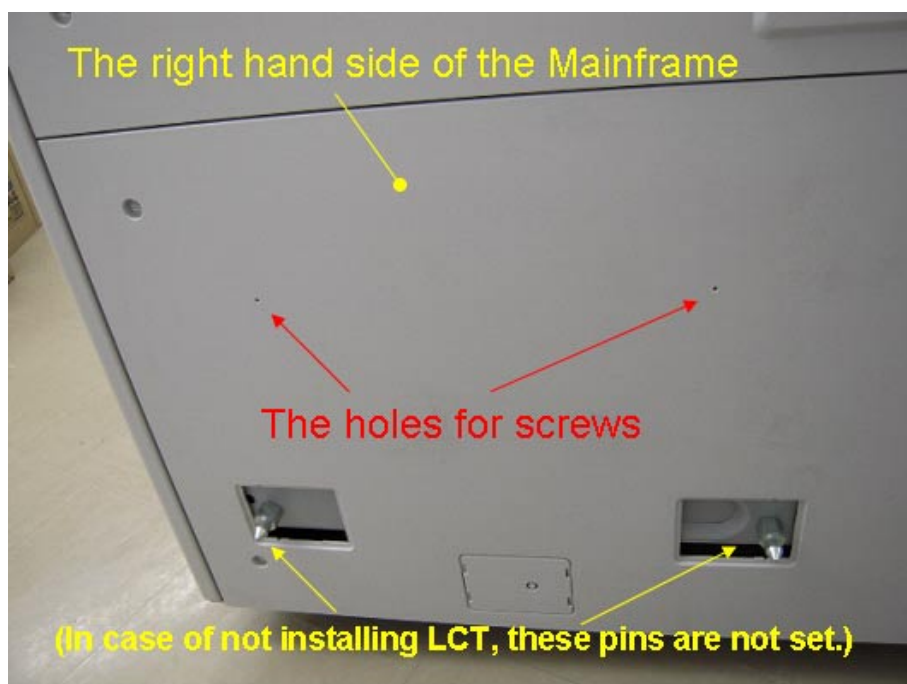
Subject: Attaching the Operating Instruction Holder		Prepared by: K. Tsuitsui	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> 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

## Purpose

This RTB has been issued to announce the methods for attaching the Operating Instruction Holder to the mainframe, which is not described in detail in the service manual.  
This RTB will be added to P.35 of the Mainframe service manual.

## Method 1

If LCT is NOT installed on the right hand side of the Mainframe, the Operating Instruction Holder can be attached to the right hand side of the Mainframe with two newly added screws; 04503010N.



## Method 2

If the LCT is installed on the right hand side of the Mainframe, the Operating Instruction Holder can be attached to any location where hindrance is unexpected, certainly excluding the right hand side of the Mainframe. Screws are not applied in this case.

Method 2 can be applied even when an LCT is not installed in the configuration.

Method 1 can be applied with/without applying the screws.



**Reissued:6-Jul-09**

Model: Katana-C2(Bellini-C4)

Date: 1-Jun-09

No.: RD059026b

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
RICOH Pro 907EX	220~240V 50/60Hz	EU/AP	D059-27	<b>V5090500001 ~</b>
RICOH Pro 1107EX	220~240V 50/60Hz	EU/AP	D060-27	<b>V5190500001 ~</b>
RICOH Pro 1357EX	220~240V 50/60Hz	EU/AP	D061-27	<b>V5290500001 ~</b>

***This table means the S/N of machines for which this RTB was/will be effective.***

Model: Bellini-C4		Date: 1-Jun-09	No.: RD059027b
Subject: Procedure of BICU replacement		Prepared by: K. Tsuitsui	
From: PPMC Service Planning Department 1G			
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 is for P.434 BICU in the Katana-C2 (Bellini-C4) Service Manual.  
When replacing the BICU, check the following.

## Purpose

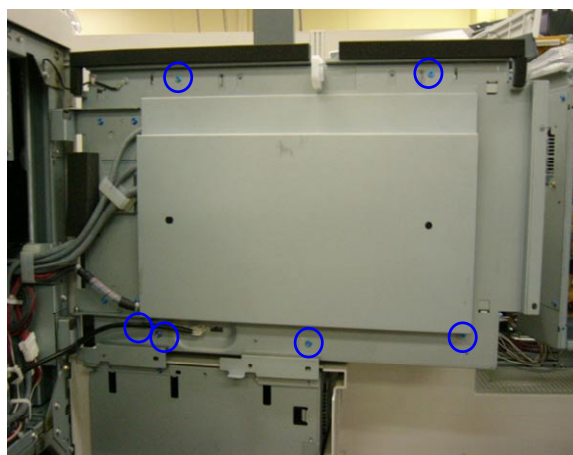
Problems occurred in sample machines due to loose and inappropriate connection between the BICU and controller board.

This new procedure is to prevent the above problem.

1. Remove the screws indicated in blue circles (x9) and remove the Controller Box Cover (D0596845). Then, open the control unit.



2. Remove the screws indicated in blue circles (x6), and remove the Harness Cover (D0596856).

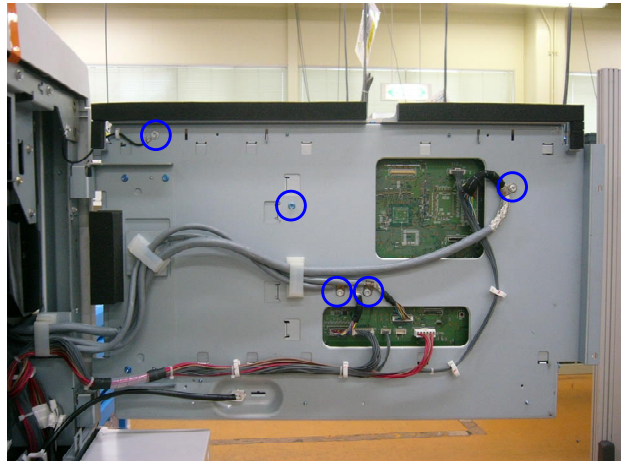


Model: Bellini-C4

Date: 1-Jun-09

No.: RD059027b

3. Remove the screws indicated in blue circles (x4) and remove all harnesses from the board and the clamps.



4. Remove the GW box from the mainframe and place it on a level place such as a desk. Disconnect the connectors indicated in blue circles.



5. Remove the screws indicated in blue circles (x5), and pull out the BICU bracket (D0596866) in the direction indicated by the arrows.

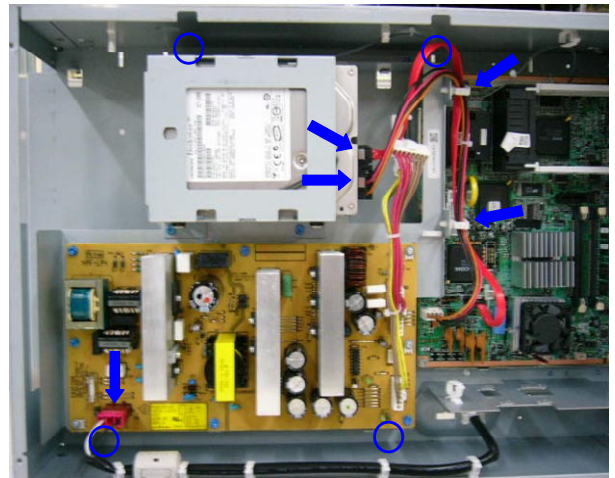


Model: Bellini-C4

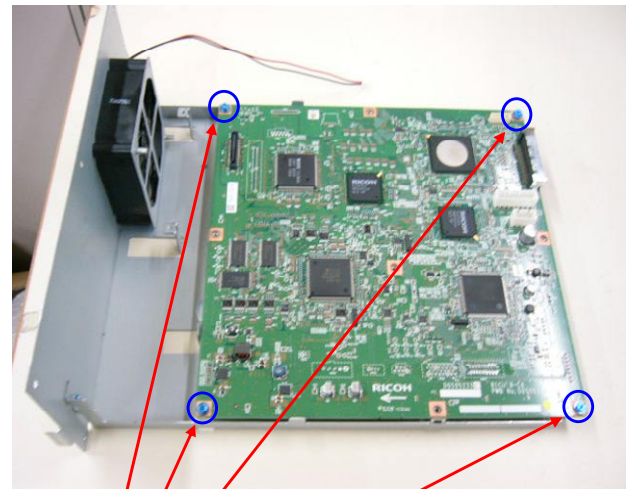
Date: 1-Jun-09

No.: RD059027b

6. Remove the harness from the HDD, power supply connector, and 2 clamps on the PSU bracket (D0596884) indicated by the arrows. Remove the screws indicated in blue circles (x4) and remove the PSU bracket from the GW board.

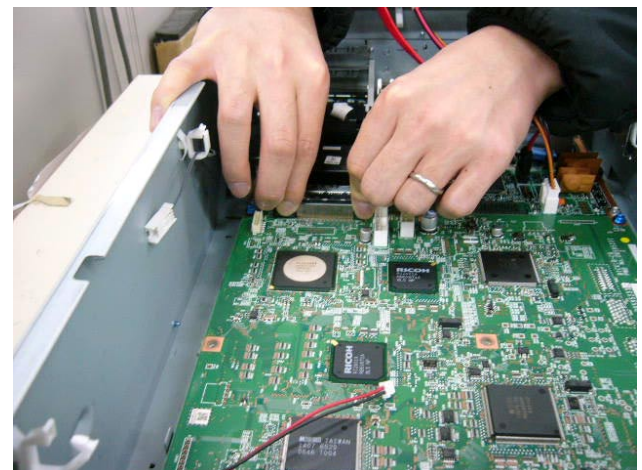


7. After changing the BICU board, fasten the screws (x4) halfway.



Do NOT fasten screws completely. Fasten halfway so that the board has room to move. Screw head should appear above the board.

8. While maintaining the previous condition (step 7), insert the BICU bracket into the GW box and push in the controller board connector and BICU board connector using your hands.



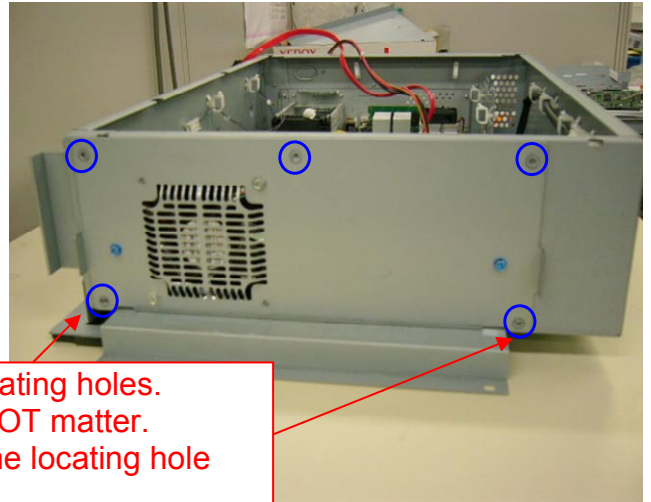


Model: Bellini-C4

Date: 1-Jun-09

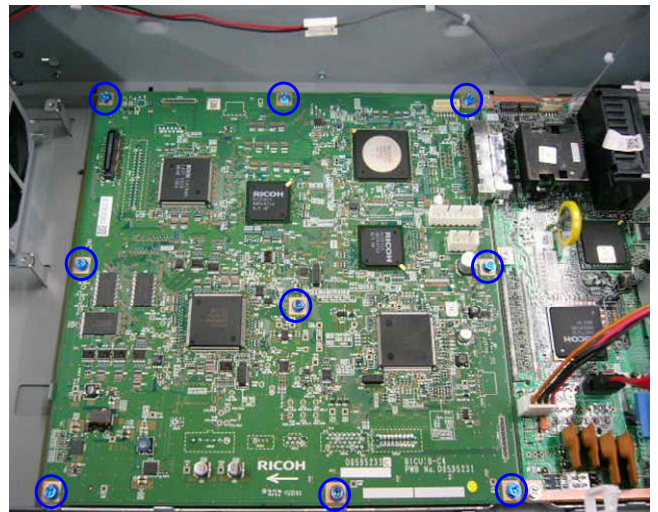
No.: RD059027b

9. While maintaining the previous condition (step 8), fasten the BICU bracket with the screws (x5) indicated in blue circles.



Both of these screw holes are elongated locating holes.  
The order of fastening these screws does NOT matter.  
\* If your part is the former part, first fasten the locating hole as in standard procedure.

10. Completely fasten the BICU board with the screws indicated in blue circles(x8). Re-install the removed parts and harness and install the GW box in the mainframe.



Completely fasten the screws fastened halfway in step 7.  
Also, ensure the connectors correspond and lock.

Model: Bellini-C4

Date: 1-Jun-09

No.: RD059027b

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
RICOH Pro 907EX	220 to 240V 50/60Hz	EU/AP	D059-27	<b>V5090500001 -</b>
RICOH Pro 1107EX	220 to 240V 50/60Hz	EU/AP	D060-27	<b>V5190500008 -</b>
RICOH Pro 1357EX	220 to 240V 50/60Hz	EU/AP	D061-27	<b>V5290500013 -</b>

***This table means the S/N of machines to which this RTB was/will be effective.***

Model: Katana-C2 (Bellini-C4)		Date: 3-Jun-09	No.: RD059028
<b>Subject: Request for Setting Change of SP5985-001(On Board NIC) &amp; SP5985-002 (On Board USB) at Machine Installation</b>		Prepared by: K. Tsutsui	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

**We request this information to be notified to the field thoroughly.**

When installing Ricoh Printer Scanner Unit 1357, please make changes to the following two SP values.

SP5985-001 (On Board Device Setting : On Board NIC)

SP5985-002 (On Board Device Setting : On Board USB)

## Change

Change the settings to **"1:Enable"** for both SPs mentioned above in accordance with the instructions in the service manual.

## Reason

This work is required because the initial setting for the above SPs has been changed recently to **"2:Limited Enable"** for the current 907EX/1107EX/1357EX.

Model: Bellini-C4(Katana-C2)		Date: 10-Jun-09	No.: RD059029
Subject: Engine Firmware Update for PM Parts Counter Related Problems		Prepared by: T.Tadokoro	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

**Please update Engine Firmware to version 1.06:04 or later upon machine installation or service visits to solve the following PM Parts Counter related problems.**

## SYMPTOM

1. Even when SP5899 (PM Double Count) is NOT set to "double-count", all feed rollers are counted in double when printing sizes A3 or larger.
2. Under the condition of having more than 26 parts having reached target yield, SC670 occurs when executing "Counter Clear for Parts Exceeding Target Yield".
3. Record cannot be saved normally when executing "Clear ALL PM settings".
4. Parts replacement alert for the Perfect Binder GB5000 does NOT appear on the operation panel even when parts have reached target yield.
5. When PM parts are cleared individually, counter for number of copies are cleared, however, the drive distance is NOT cleared.
6. Factory initial settings of SP7940-001 to 020, 040 to 042 (Drive Distance: End Std Value) are incorrect for Bellini-C4's "type b" and "type c". (Values for "b" and "c" have been falsely set to that of type "a".)

## SOLUTION

Engine Firmware Update (1.06:04 onward)

In regard to incorrect initial SP standard values for machine types "b" and "c", please refer to the following page and make the corrections.



**Model: Bellini-C4(Katana-C2)**
**Date: 10-Jun-09**
**No.: RD059029**

<b>Drive Distance Parts End Standard Value</b>				
<b>SP7940</b>	<b>Parts</b>	<b>Type_a</b>	<b>Type_b</b>	<b>Type_c</b>
001	#Development Unit	334362	<b>301464</b>	<b>299849</b>
002	Developer	334362	<b>301464</b>	<b>299849</b>
003	#Drum Unit	915600	<b>812500</b>	<b>811125</b>
004	Drum Pick-off Pawls	402864	<b>357500</b>	<b>356895</b>
005	#Drum Cleaning Unit	201432	<b>178750</b>	<b>178448</b>
006	Cleaning Blade	201432	<b>178750</b>	<b>178448</b>
007	Cleaning Brush	201432	<b>178750</b>	<b>178448</b>
008	Drum Cleaning Unit Filter	201432	<b>178750</b>	<b>178448</b>
009	#Charge Unit	183120	<b>162500</b>	<b>162225</b>
010	Grid Plate	183120	<b>162500</b>	<b>162225</b>
011	Charge Corona Wire	183120	<b>162500</b>	<b>162225</b>
012	Cleaning Pad	183120	<b>162500</b>	<b>162225</b>
013	Cushion	183120	<b>162500</b>	<b>162225</b>
014	#Pre-Charge Unit	183120	<b>162500</b>	<b>162225</b>
015	Pre-Charge Corona Wire	183120	<b>162500</b>	<b>162225</b>
016	Pre-Charge Grid Plate	183120	<b>162500</b>	<b>162225</b>
017	#Fusing Unit	245898	<b>219819</b>	<b>220361</b>
018	Hot Roller Strippers	245398	<b>219819</b>	<b>220361</b>
019	Hot Roller	245398	<b>219819</b>	<b>220361</b>
020	Pressure Roller	262928	<b>235503</b>	<b>236080</b>
040	Transfer Belt	402864	<b>357126</b>	<b>356549</b>
041	Transfer Belt Cleaning Blade	402864	<b>357126</b>	<b>356549</b>
042	Toner Filter	201432	<b>178750</b>	<b>178448</b>

Model: Bellini-C4(Katana-C2)		Date: 10-Jun-09	No.: RD059030
Subject: SC672 during ROM Update		Prepared by: T.Tadokoro	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (     )	<input type="checkbox"/> Tier2

**SYMPTOM**

SC672 (Controller Startup Error) occurrence during “power saving system-ROM” update

**CAUSE**

SC672 is caused by 4 consecutive transmission failures between the operation panel and the controller, which indicates a lapse of time totaling 120 seconds, as the transmission is commanded every 30 seconds. When more than 90 seconds is taken up at ROM update, SC672 could occur.

**TEMPORARY SOLUTION**

Please make sure to update firmware modules one at a time.

If SC672 occurs, please wait for 2 minutes before turning “OFF” power, then reboot.

**SOLUTION**

Release of System/Copy version 1.03

Model: Katana-C2 (Bellini-C4)		Date: 16-Jun-09	No.: RD059031a
Subject: Adding Light Blocking Mylar to Peripherals		Prepared by: K. Tsutsui	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## Work requested at customer sites

For a configuration consisting of a CI5010 Cover Interposer Tray or a DU5000 Decurler Unit, when you install another finishing peripheral directly downstream of either of these peripherals, please prepare an additional Mylar (B8353998 Seal - Block Light) and attach it to the entrance guide plate of the new peripheral.

## Examples

If an FD5000 Multi-Folding Unit is to be installed into a configuration consisting of "CI5010 Cover Interposer Tray + SK5010 High Capacity Stacker", the system would be configured as "CI5010 Cover Interposer Tray + FD5000 Multi-Folding Unit + SK5010 High Capacity Stacker", hence, the black Mylar would be attached to the entrance guide plate of the FD5000 Multi-Folding Unit.

If an SK5010 High Capacity Stacker is to be installed into a configuration consisting of "DU5000 Decurler Unit + FD5000 Multi-Folding Unit + SR5020 Booklet Finisher", the system would be configured as "DU5000 Decurler Unit + FD5000 Multi-Folding Unit + SK5010 High Capacity Stacker + SR5020 Booklet Finisher", hence, an additional black Mylar would not be required. (In this case, the new peripheral is not installed directly downstream of the CI5010 Cover Interposer Tray or DU5000 Decurler Unit.)

## Peripherals relevant to this field work

- Perfect Binder PB5000
- Ring Binder RB5000
- Multi-Folding Unit FD5000
- High Capacity Stacker SK5010
- Cover Interposer Tray CI5010

## NOTE

Do NOT peel off the Mylar if it is already attached (to the entrance guide plate of the peripheral installed directly downstream from the CI5010 Cover Interposer Tray or the DU5000 Decurler Unit).

(This is not because the performance would be affected whether or not the Mylar is attached, but rather to prevent problems that could be caused from an incompletely peeled-off Mylar leaving glue particles, so we suggest not to peel off the already-attached Mylar.)

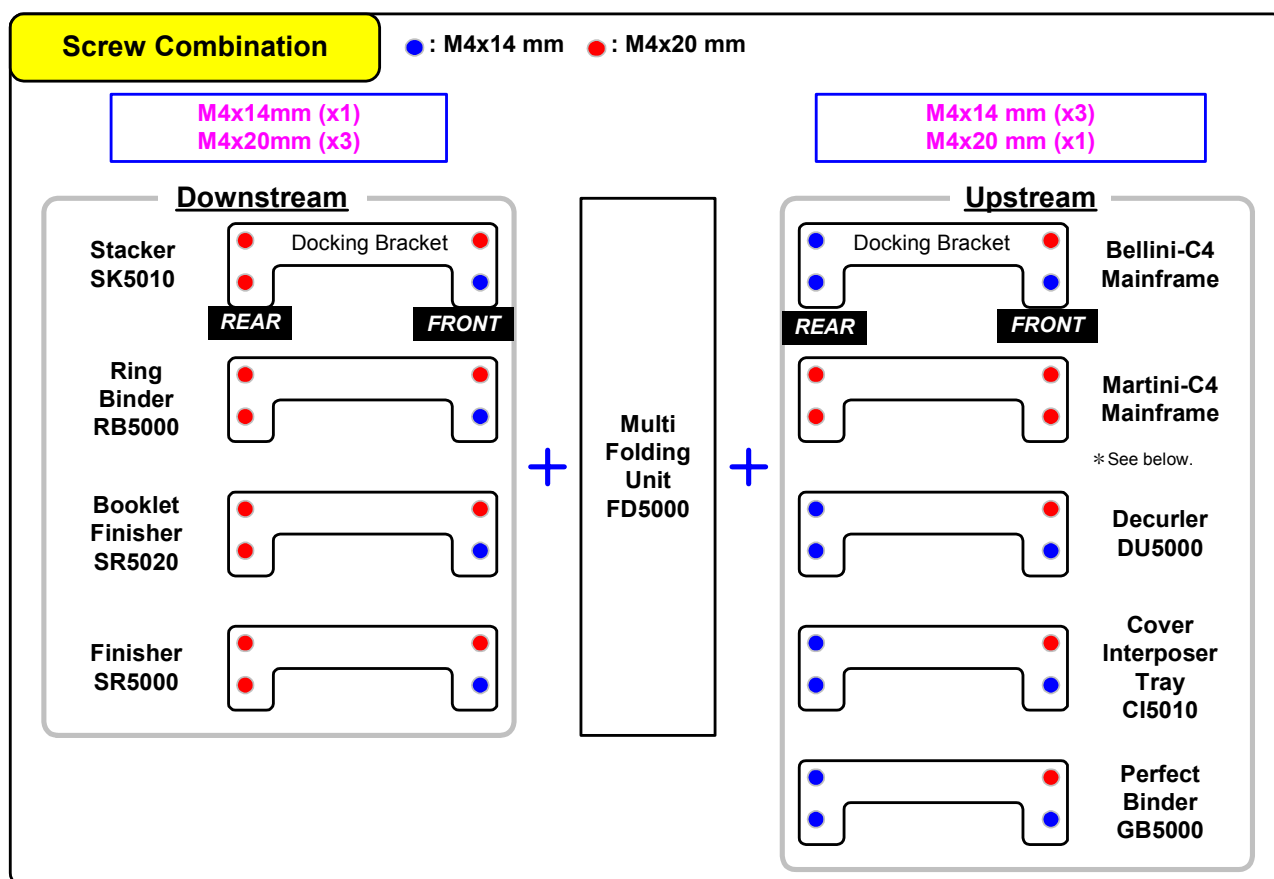
Model: Katana-C2 (Bellini-C4)		Date: 22-Jun-09	No.: RD059032
Subject: Multi-Folding Unit - Docking Bracket Screws		Prepared by: K. Tsutsui	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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 checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## PROBLEM

When installing the Multi-Folding Unit, the bracket screws applied to the upstream of the Multi-Folding Unit interfere with the upstream Katana-C2 mainframe or peripherals (Decurl Unit, Cover Interposer Tray, or Perfect Binder), and 3 of the 4 screws do not reach the Martini-C4 mainframe.

## TEMPORARY SOLUTION

To avoid the problem, please replace (exchange) the screws for the upstream docking bracket and the downstream docking bracket as shown in the diagram below.



\* When the Martini-C4 mainframe is installed, please apply all four M4x20 mm. Hence, the downstream peripheral will be attached with four M4x14 mm.

Model: Katana-C2 (Bellini-C4)

Date: 22-Jun-09

No.: RD059032

**PERMANENT SOLUTION**

Upon design change, Multi Folding Unit will be attached with total of 8 screws (4 each of M4x14 & M4x20).

Upstream Bracket : M4x14 (x3) & M4x20 (x1)

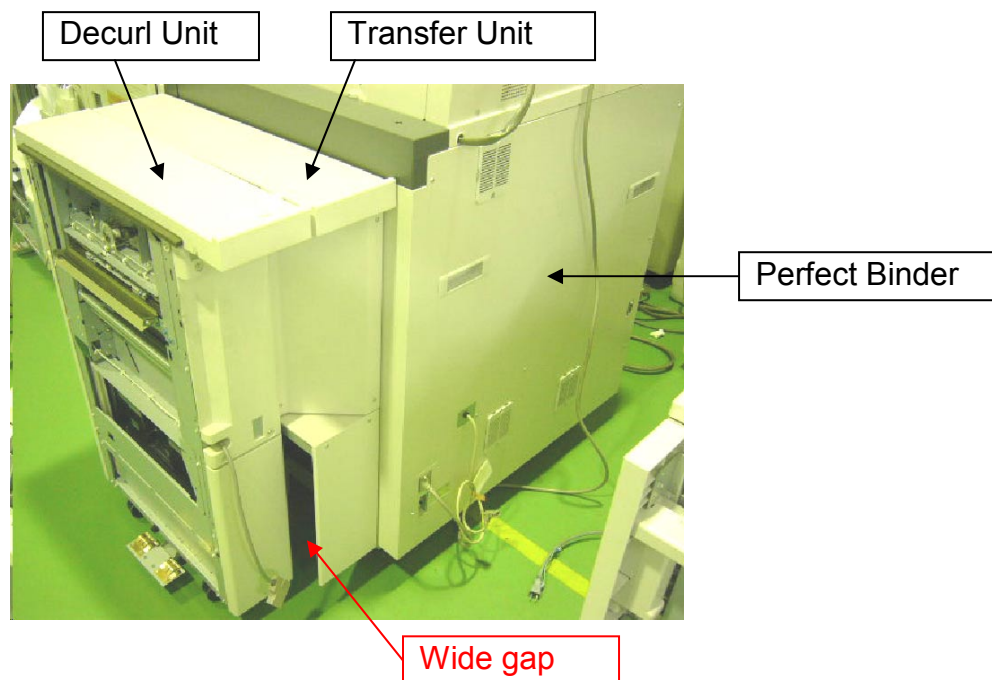
Downstream Bracket : M4x14 (x1) & M4x20 (x3)

The installation guide and service manual will be revised accordingly.

Model: Katana-C2(Bellini-C4)		Date: 14-July-09	No.: RD059033
Subject: Wide gap of the Perfect Binder GB5000		Prepared by: K. Tsuitsui	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (     )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

## Symptom

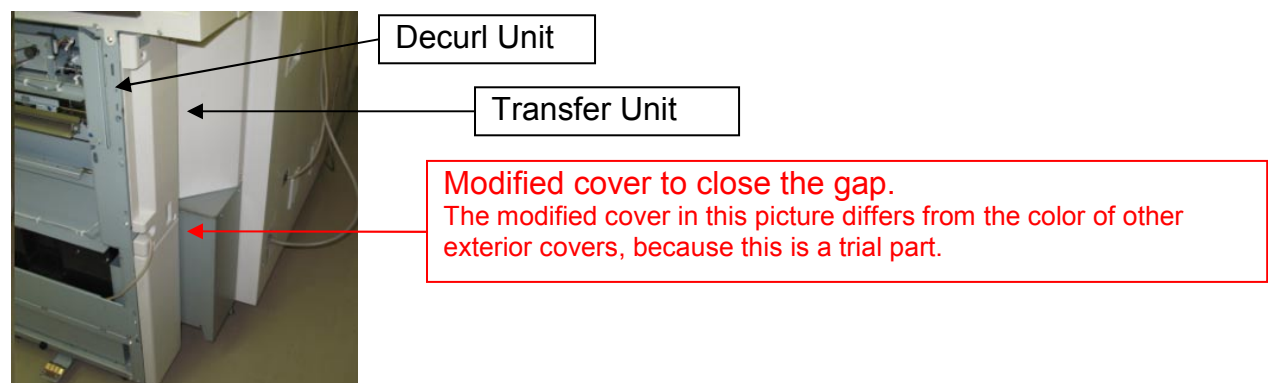
When connecting the Perfect Binder GB5000 and the Decurl Unit DU5000, the transfer unit of the Perfect Binder GB5000 makes a wide gap.  
 This is not safe for customers because their hands could mistakenly get inside the gap.



This is only seen when connecting both the Perfect Binder GB5000 and the Decurl Unit DU5000

## Solution

Design modification. Cover:Rear Lower (D3914506) will be changed to close the gap. Later we will inform you of details.

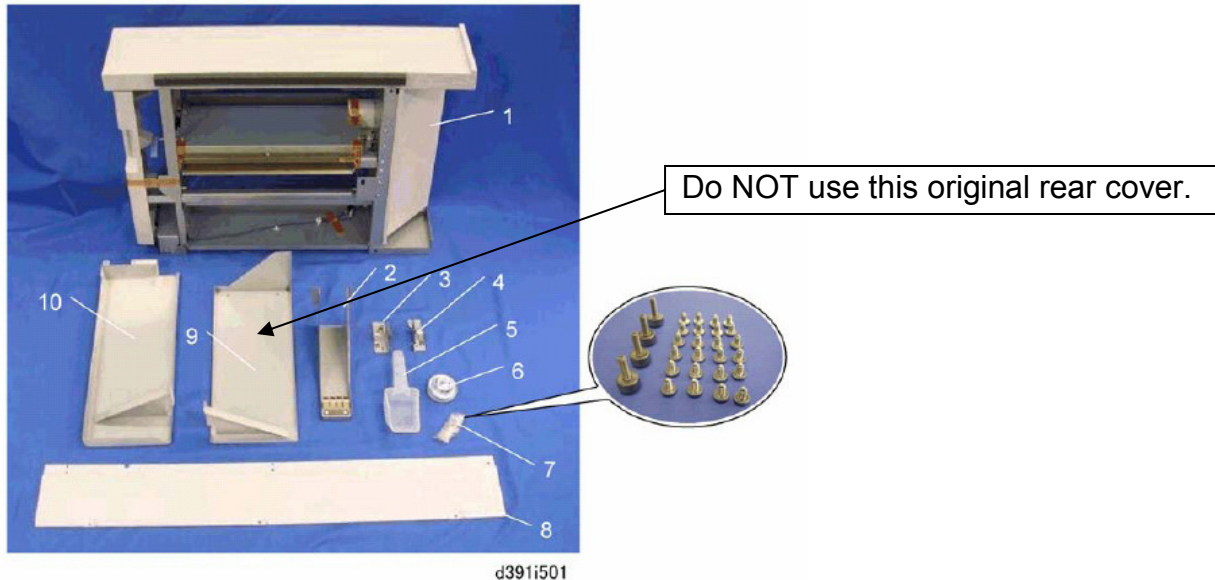


**Temporary Solution**

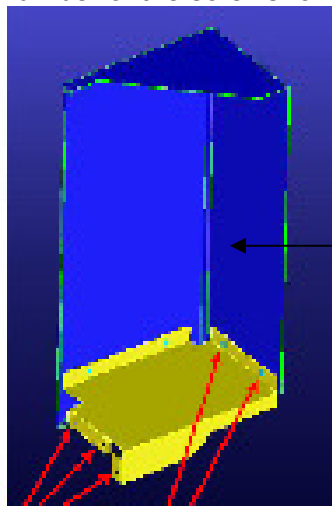
When you have this case in the field, bring the modified cover part and replace the original cover with it.

The procedure is below.

1) Do NOT use the original part inside the package.



2) When installing the transfer unit, use the modified one you obtained. The location and the number of the screws for tightening are the same as the original ones.



Picture of the modified cover.  
When installing it, use the same 5 screws and locations of screws as the original cover.

**Note**

This design change of the cover will be implemented as a permanent solution.

We think installing both a DU5000 and a GB5000 is rare.

However, when installing a DU5000 and a GB5000 having an old cover, we would like you to do the action above.



Model: Katana-C2 (Bellini-C4)

Date: 18-Aug-09

No.: RD059034

Subject: Parts catalog correction

Prepared by: M. Abe

From: PPBG QA/Service Planning Dept.

Classification:

☐ Troubleshooting

☒ Part information

☐ Action required

☐ Mechanical

☐ Electrical

☐ Service manual revision

☐ Paper path

☐ Transmit/receive

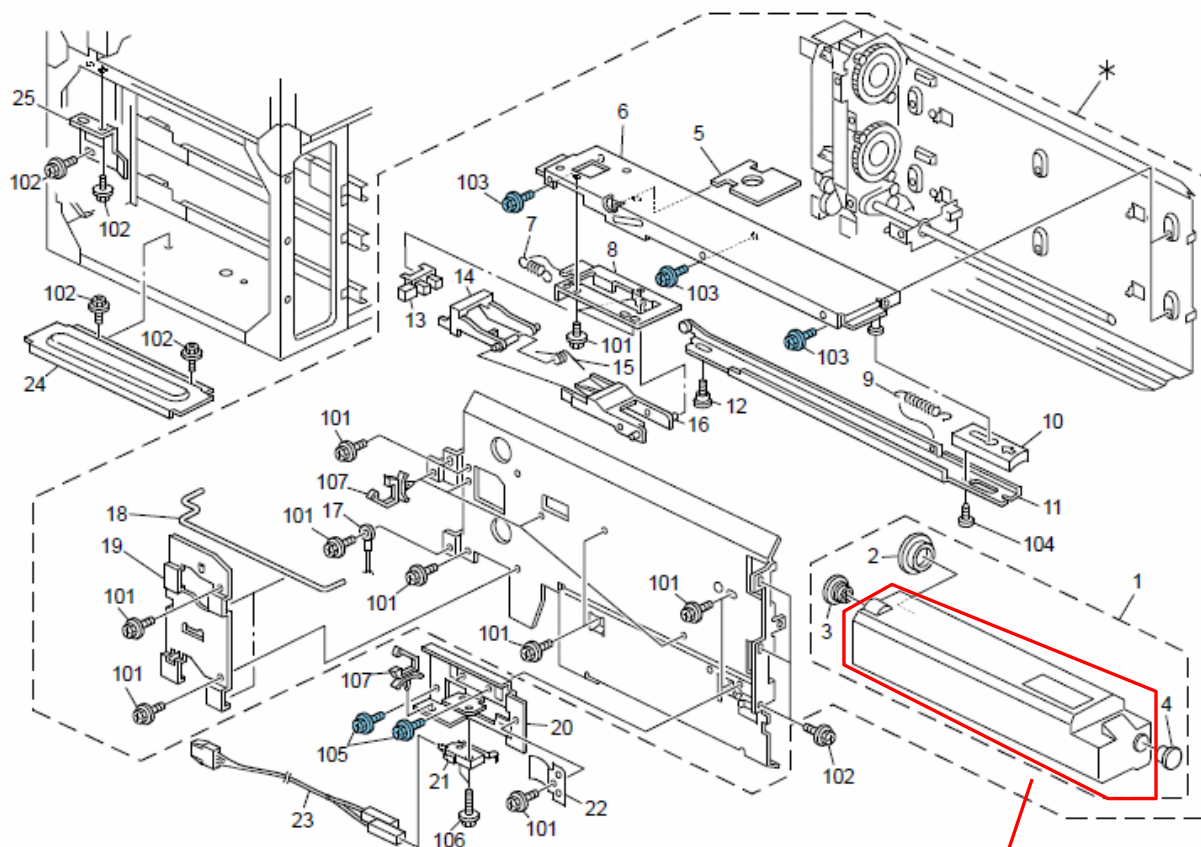
☐ Retrofit information

☐ Other ( )

New part number	Description	Q'ty	Int	Page	Index	Note
B2343701	COLLECTION BOTTLE: ASS'Y	1	-	88	26	

**Change:** A new service part has been added.

## 36.Toner Bank Unit 1 (D059/D060/D061)



26



Model: Katana-C2 (Bellini-C4)		Date: 21-Aug-09	No.: RD059035
Subject: Service Manual Correction – Breaker Switch Test		Prepared by: M. Abe	
From: PPMC Service Planning Department 1G			
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"/> Tier2

Please apply the following corrections to your service manual.

## Locations of the Incorrect Description

Installation > Main Machine > Installation > Power Cord, Breaker Switch

Installation > Multi Folding Unit > Installation > Power Cord, Breaker Switch Test

Installation > High Capacity Stacker > Installation > Power Cord, Breaker Switch

Installation > Booklet Finisher > Installation > Power Cord, Breaker Switch

## Incorrect Description

Test the breaker switch (p. 189) .

## Correct Description

Test the breaker switch (Installation > Common Adjustments > Breaker Switch Testing).

Model: Katana-C2 (Bellini-C4)		Date: 21-Aug-09	No.: RD059036
Subject: Service Manual Correction: CIS Image Position Adjustment		Prepared by: M. Abe	
From: PPMC Service Planning Department 1G			
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"/> Tier2

Please apply the following correction concerning the CIS Image Position Adjustment to your service manual.

## Location of the Incorrect Description

Installation > Common Adjustments > LCIT Adjustments; step 8

## Incorrect Description

Do SP1909 -2 (CIS Image Position Adjustment: PWM After Adjustment - LCIT).

- If the displayed value is between **20 (14Ah) and 40 (28h)**, the CIS is calibrated successfully. (The display is in hexadecimal code.)
- If the value is outside this range, do SP 1910 -2 and 1909 -2 again. If the value does not come between **20 and 40**, the CIS may be defective.

## Correction

Do SP1909 -2 (CIS Image Position Adjustment: PWM After Adjustment - LCIT).

- If the displayed value is between **Ah (10) and 28h (40)**, the CIS is calibrated successfully. (The display is in hexadecimal code.)
- If the value is outside this range, do SP 1910 -2 and 1909 -2 again. If the value does not come between **Ah and 28h**, the CIS may be defective.

*NOTE: Value is displayed in hexadecimal code on the operation panel. Values shown in brackets are decimal code for reference.*

Model: Katana-C2(Bellini-C4)	Date:21-Aug-09	No.: RD059037
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Subject: Parts Catalog Correction		Prepared by: T.Tadokoro	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other (       )		

Old part number	Description	Q'ty	Int	Page	Index	Note
D0595510	PCB:Type-EX1D:Sub-ass'y	1	-	166	8	
		1	-	233	*	

New part number	Description	Q'ty	Int	Page	Index	Note
D0595505	PCB:B-C4A:Service:Ass'y	1	-	166	8	Type-A
		1	-	233	*	Type-A
D0605505	PCB:B-C4B:Service:Ass'y	1	-	166	8	Type-B
		1	-	233	*	Type-B
D0615505	PCB:B-C4C:Service:Ass'y	1	-	166	8	Type-C
		1	-	233	*	Type-C

**Change/Reason:** The old part number has been altered with 3 new part numbers.

Model: Katana-C2 (Bellini-C4)		Date: 24-Aug-09	No.: RD059038
Subject: Service Manual Correction: Part Number of LCIT Feed Rollers for Coated Paper		Prepared by: K. Tsutsui	
From: PPMC Service Planning Department 1G			
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"/> Tier2

Please apply the following correction concerning the part number of LCIT TR 5040 feed rollers for coated paper to your service manual.

## Location of the Incorrect Description

Installation > LCIT RT5040 (D453-17) > Coated Paper and NCR > Coated Paper

## Incorrect Description

The part numbers are described below.

Name	Part Number
Pick-up roller	AF030071
Feed roller	AF031041A
Separation roller	AF032041A

## Correction

The correct part numbers are below. 2 suffixes "A" were deleted.

This is because suffixes are not available in the field.

Name	Part Number
Pick-up roller	AF030071
Feed roller	AF031041
Separation roller	AF032041

Model: KATANA-C2 (Bellini-C4)		Date: 07-Sep-09	No.: RD059039
Subject: Procedure for connecting the external Charge Counter Kit		Prepared by: M. Abe	
From: PPMC Service Planning Department 1G			
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"/> Tier2

Please do the following procedure when attaching the external charge counter.

1. Procure a Ricoh manufactured relay board.

"B87011(EDP 413012) : OPTIONAL COUNTER I/F TYPE A"

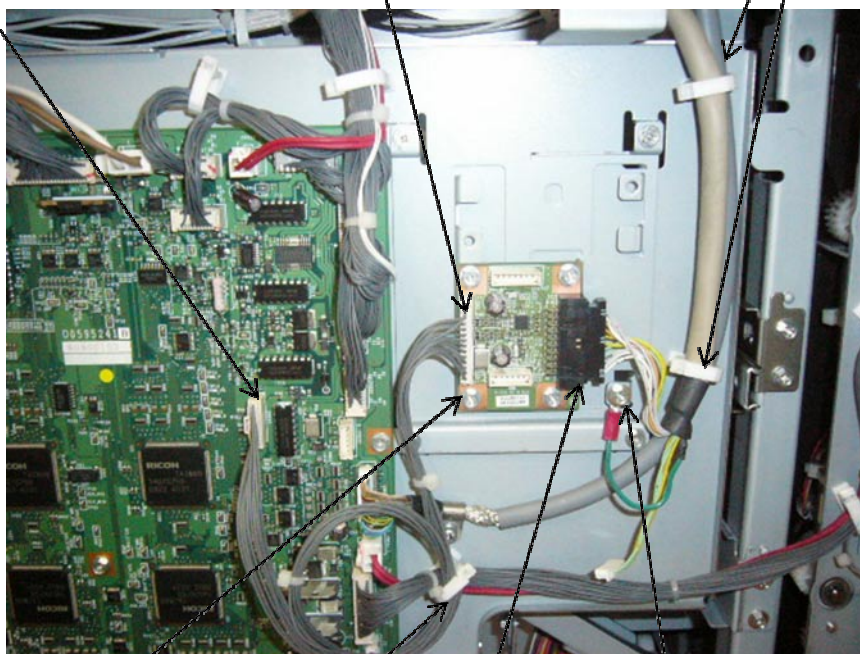
2. Install the relay board onto the rear of the mainframe, and connect it to the mainframe IOB CN333.

### <Parallel Connection>

Route the charge counter cable through the 2 clamps on the mainframe.

Connect the accessory harness (B8705510) to IOB CN333.

Connect the accessory harness (B8705510) to MKB CN003.



Attach ground wire with accessory screw (4×6).

Fasten these cables with clamps on the mainframe.

Connect the charge counter connector (black) to MKB CN004.

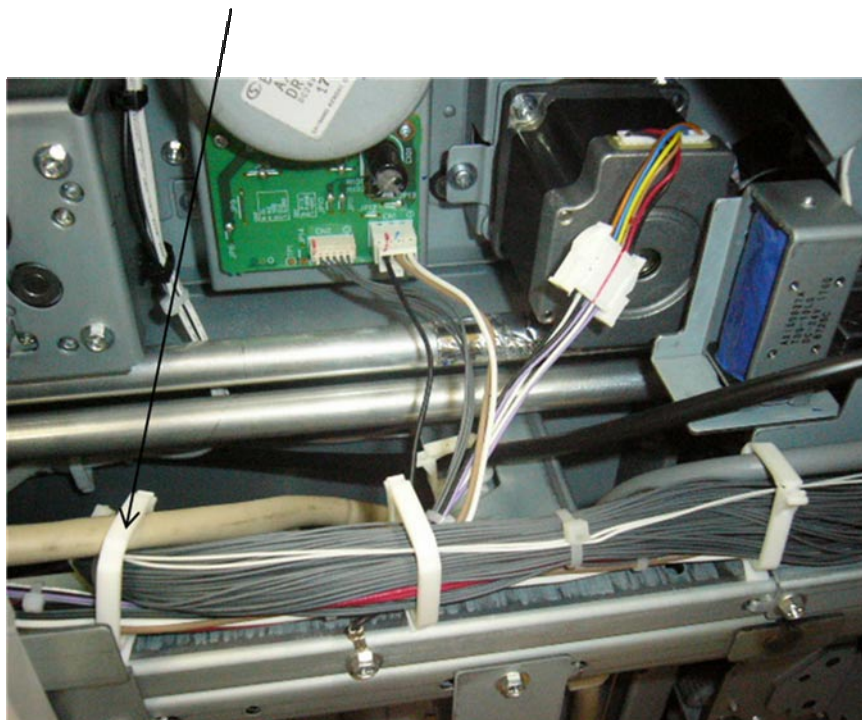
Attach the MKB with 4 accessory screws (3×6).

Model: KATANA-C2 (Bellini-C4)

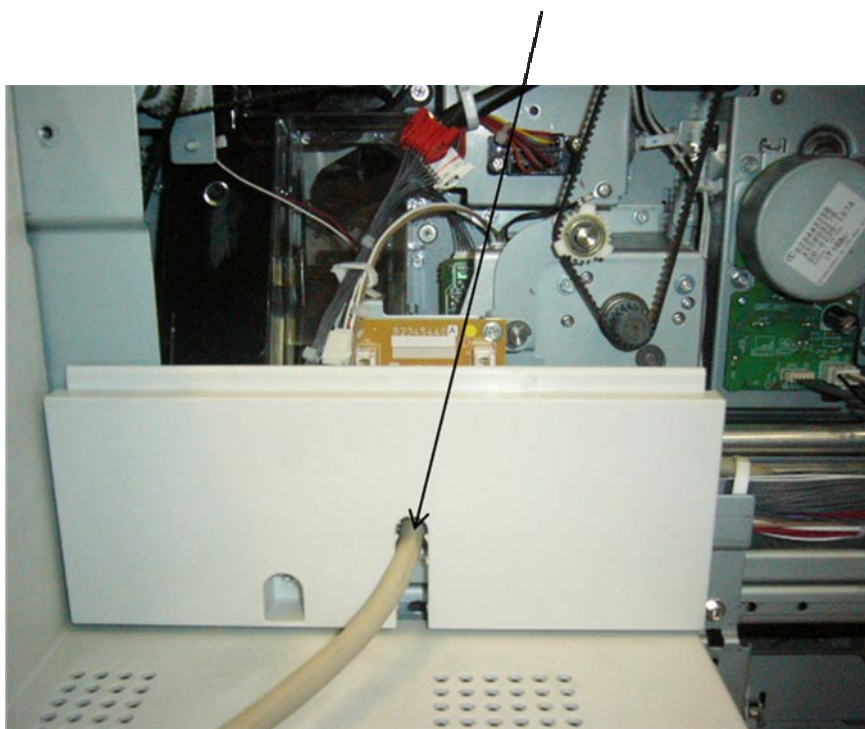
Date: 07-Sep-09

No.: RD059039

Route the charge counter cable through the clamps on the mainframe.



Remove cap from the C/T box cover, and route the charge counter cable.



Connected to the optional charge counter device

3. Connect the external charge counter to the relay board.



Model: Katana-C2 (Bellini-C4)

Date: 15-Sep-09

No.: RD059040

Subject: Parts Catalog Correction

Prepared by: T.Tadokoro

From: PPMC Service Planning Department 1G

Classification:

☐ Troubleshooting

☒ Part information

☐ Action required

☐ Mechanical

☐ Electrical

☐ Service manual revision

☐ Paper path

☐ Transmit/receive

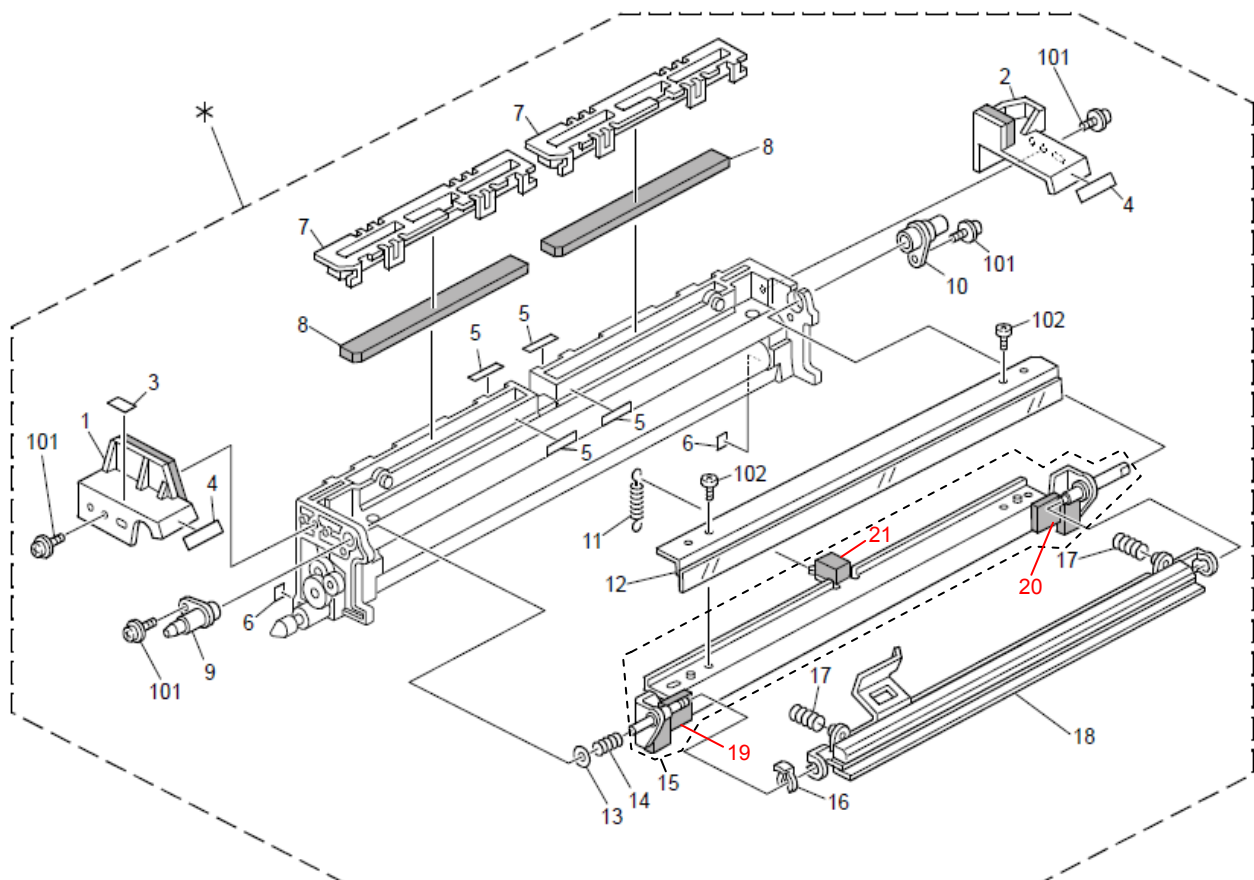
☐ Retrofit information

☐ Other ( )

## 45.Cleaning Unit 1 (D059/D060/D061)

New part number	Description	Q'ty	Int	Page	Index	Note
B2343572	SEAL:BLADE:FRONT:ASS'Y	1	-	106	19	Add
B2343575	SEAL:BLADE:INNER BACK:ASS'Y	1	-	106	20	Add
B2343578	SEAL:BRACKET:BLADE	1	-	106	21	Add

**Reason :** Due to request from the field.



Model: Bellini-C3.5 (Katana-C1.5), Bellini-C4 (Katana-C2), Bellini-P1		Date: 16-Sep-09	No.: RD059041
Subject: SC494/495 Prevention at Installation		Prepared by: M. Abe	
From: PPMC Service Planning Department 1G			
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"/> Tier2

## SYMPTOM

SC494/495 could occur during the initial installation of the machine, which results in discontinuance of the entire installation procedure.

## CAUSE

Unknown.

## TEMPORARY SOLUTION

Please refer to section "Installation > Main Machine > Installation > Initializing the Machine" of the service manual and do the following procedure.

1. Turn the main power OFF, then ON.
2. Redo SP2-207-002 "Toner Bank Toner Setup". (Step 11 of "Initializing the Machine")  
(This process will take approx 5-6 minutes)
3. Then continue on with Steps 12-14 described in the manual.

(Excerpt from manual; step 12-14)

12. Do SP2962 and touch [EXECUTE]. This executes auto process control.
13. Do SP6008-003 and execute a free run for at least 3 minutes. Be sure to touch [OFF] before you exit the SP mode.
14. Clean the transport belt above the exposure glass.

## NOTE

Although at a very low rate, SC494/495 could also occur after completing the installation, a condition in which the machine is still stable, for instance when the initial SMC is output. In such a case, please follow the same procedure as mentioned above to resolve the problem.



Model: Katana-C2		Date: 07-Oct-09	No.: RD059042
Subject: Revision of Operation Panel assemble		Prepared by: K. Tsutsui	
From: PP Service Planning Department 1G			
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

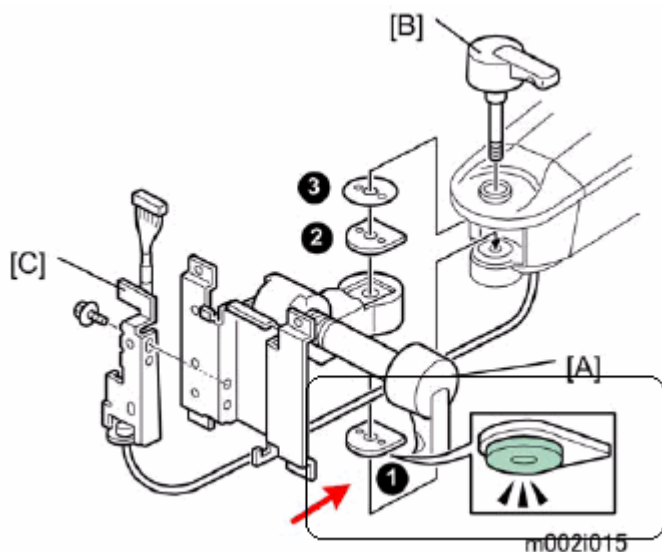
## Purpose

This RTB has been issued to announce the new assembly method for the operation panel.

## Location of the revised Description

1. Installation > Main Machine(D059/D060/D061) > Installation > Operation Panel  
 > Completing Operation Panel Installation  
 > 6. Set the spacers (1, 2, 3)

Spacer 1 was changed to have a felt as shown in the diagram below.  
 When you assemble the spacer 1, the felt side is facing down.



Model: Katana-C2

Date: 07-Oct-09

No.: RD059042

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
RICOH Pro 907EX	208~240V 50/60Hz	NA	D059-17	V5090600001~
RICOH Pro 907EX	220~240V 50/60Hz	EU/AP	D059-27	V5090600029~
RICOH Pro 1107EX	208~240V 50/60Hz	NA	D060-17	V5190600001~
RICOH Pro 1107EX	220~240V 50/60Hz	EU/AP	D060-27	V5190600014~
RICOH Pro 1357EX	208~240V 50/60Hz	NA	D061-17	V5290600001~
RICOH Pro 1357EX	220~240V 50/60Hz	EU/AP	D061-27	V5290600006~

Model: Katana-C2		Date: 21-Oct.-09	No.: RD059043
Subject: Service Manual Correction: Pouring Developer		Prepared by: T. Mimura	
From: PPMC Service Planning Department 1G			
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"/> Tier2

Please apply the following correction concerning pouring developer in the service manual.

## Location of the Incorrect Description

1. Installation > Main Machine (D059/D060/D061) > Installation> Pouring Developer; step7

## Incorrect Description

- Move the **toner** packet [A] from side to side while you pour a small amount of toner across the length of the gap.
- Stop pouring and turn the knob [B] so that the **toner** settles into the development unit.

## Correction

- Move the **developer** packet [A] from side to side while you pour a small amount of toner across the length of the gap.
- Stop pouring and turn the knob [B] so that the **developer** settles into the development unit.

Model: Bellini-C4(Katana-C2)		Date: 04-Nov-09	No.: RD059044
Subject: Service manual correction: SP2902		Prepared by: M. Abe	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Please apply the following correction to your service manual.

**Location of the error:**

Appendices > 3. Appendix: Service Program Mode > System SP2-nnn Drum: 2

**Incorrect information:**

SP2902-001 (IPU Scanning Test Pattern) and SP2909-002 (IPU Printing Test Pattern).

Please disregard the above 2 SPs. Both of these SPs are not required as they are equivalent to "SP4417 - IPU Test Pattern" described in the section "System SP4-nnn Scanner".

NOTE: When a scanning/printing test pattern is needed, please use SP4417 (IPU Test Pattern).

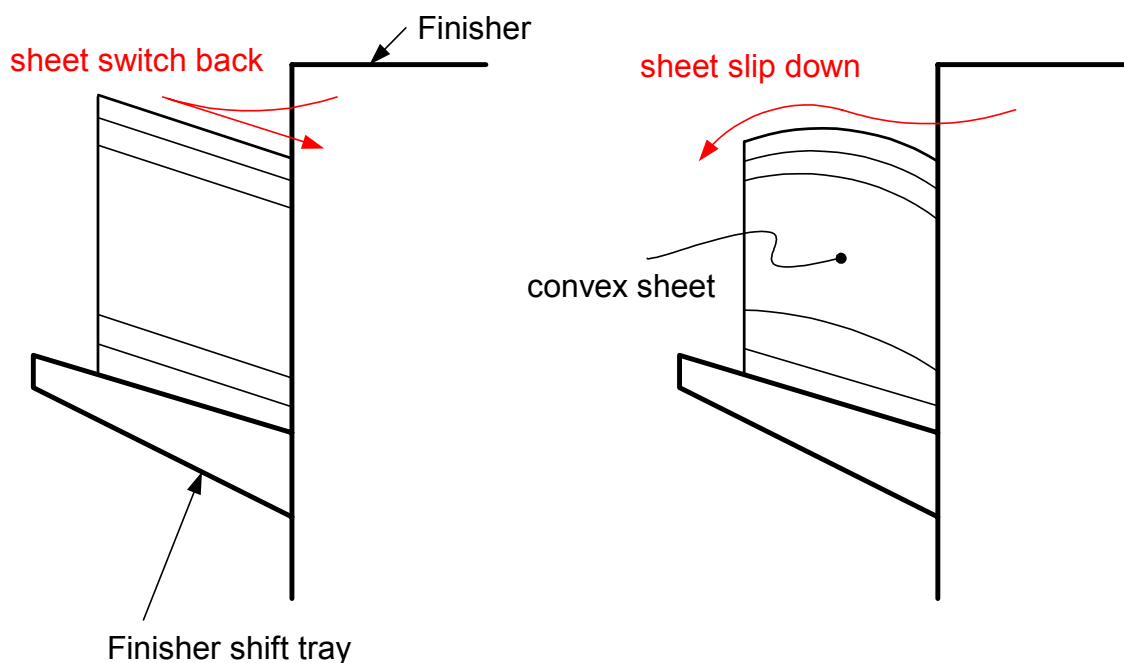
Model: Bellini-C4(Katana-C2)		Date: 09-Nov-09	No.: RD059045
Subject: Adjustment of Decurl Unit DU5000		Prepared by: K. Tsutsui	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <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"/> Tier2

## Problem

When convex-curved sheets are stacked on the Finisher shift tray, they could slip down from the tray to the ground.

## Cause

The exited sheets are switched back on the Finisher shift tray, which is at an angle. However, when the sheets have convex curl and are stacked in a large amount, the slope becomes flat at the top of the stack. The flat stack stops the exited sheets from switching back and causes them to slip over due to their momentum.



## Countermeasure and Action

Set the de-curl roller unit upside down and adjust the value in the User Tools. Refer to the service manual and the operation manuals.

Model: Katana-C2	Date:13-Nov-09	No.: RD059046
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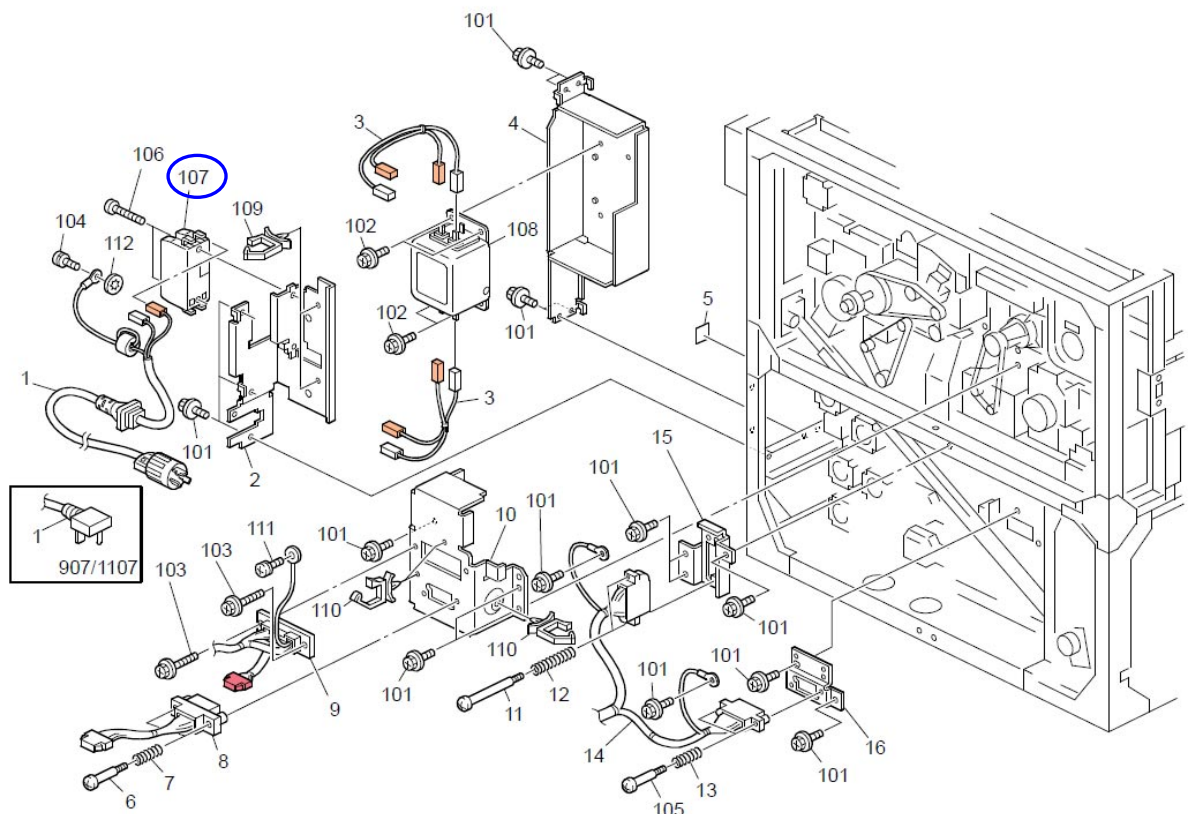
Subject: Fuse:BJS151100FCRK		Prepared by: T. Tadokoro	
From: PPBG Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other (      )	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
11071200	11071280	Fuse:BJS151100FCRK	1	O/O	175	107	Type-A Type-B

New part number	Description	Q'ty	Int	Page	Index	Note
11071281	Fuse:BJS2012F2	1	-	175	107	Add (Type-C)

**Change/ Reason:** Vendor change.

## 79.Electrical Section 8 (D059/D060/D061)



Model: Katana-C2 (Bellini-C4)	Date: 13-Nov-09	No.: RD059047
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Subject: Shaft:Knob:Arm:Small		Prepared by: T.Tadokoro	
From: PPBG Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other (      )	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

## 8.Operation Panel 4 (D059/D060/D061)

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
G1781767	G1781771	Shaft:Knob:Arm:Small	1	X/O	33	5	
G1781764	G1781772	Shaft:Knob:Operation Sub-unit	1	As a set	33	6	
D0591425	D0601425	Stay:Operation Panel:Welding	1		33	10	
D0591435	D0601435	Arm:Operation Sub-unit:Front Rear:Welding	1		33	26	

**Reason:** The shapes of the parts have been changed to improve precision of assembly.

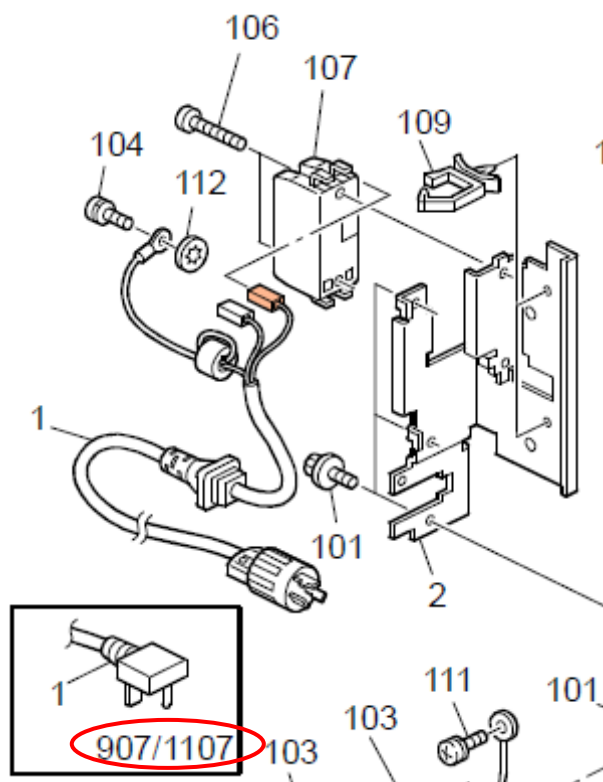


Model: Katana-C2(Bellini-C4)		Date: 20-Nov-09	No.: RD059048
Subject: Parts Catalog Correction		Prepared by: T.Mimura	
From: PPMC Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> 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"/> Tier2

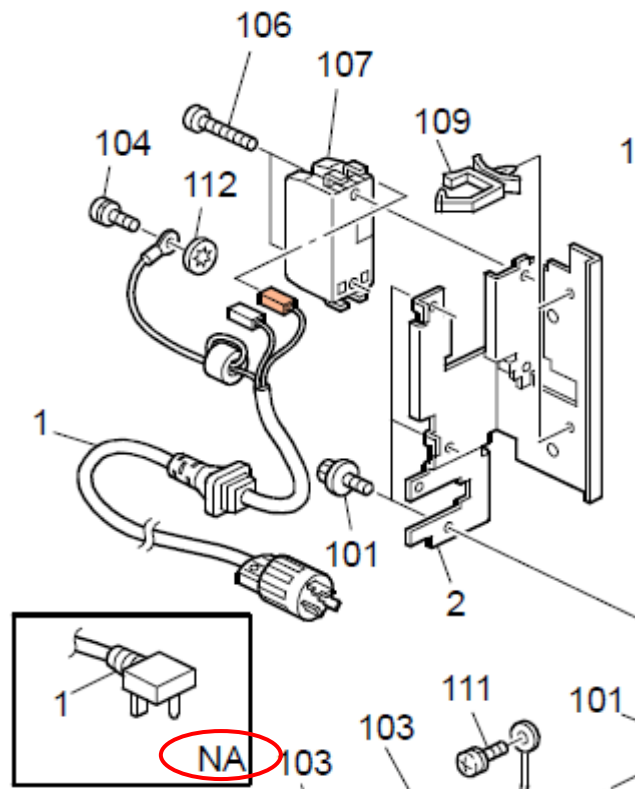
**Change/Reason:** The part number in the Parts Catalog was corrected.

Incorrect part number	Correct part number	Incorrect description	Correct description	Q'ty	Page	Index	Note
11500405	AZ000110	Power Supply Cord:250V:16A:EU	Power Supply Cord EU 16A	1	175	1	

**Incorrect diagram**



**Correct diagram**



Model: Katana-C2 (Bellini-C4)		Date: 26-Nov-09	No.: RD059049
Subject: Secure implementation of CIS Adjustment		Prepared by: K. Tsutsui	
From: PP Service Planning Department 1G			
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"/> Tier2

## Request

We would like you to check for the items below as there seems to be many cases where the CIS on the LCTs are not adjusted correctly.

Performance of the CIS will not be correct if the following SP modes are NOT adjusted correctly.

Check that the value of SP 1909-02 is between 10(Ah) to 40(28h).

Check that the value of SP 1913-02 is NOT "0".

If the above are not set correctly, re-install the LCT according to the procedure "Adjustment Image Position Sensor Strength and Side-to-Side Registration" in the LCIT RT5030 or RT5040 service manual.

Execution of SP 1912-002 is especially needed.

Please re-check the above on your service visit.

## Explanation

The CIS adjustment for side-to-side registration allows the machine to maintain a consistent writing point by adding the differential to the fed sheets within a  $\pm 5\text{mm}$  range from the standard position determined by SP1913-02.

When the sheets deviate from the  $\pm 5\text{mm}$  range, or when the CIS cannot properly detect the reflection on pre-printed paper or paper having high-density color, side-to-side registration cannot function properly. In this case, the writing position depends on the setting of SP2902-003; Pattern 27.

Therefore, as described in the service manual, side-to-side registration on SP2902-003; Pattern 27 must be adjusted before everything to avoid a possible large deviation caused by a problem originating in the CIS. Also, the writing point or registration of images in duplex mode can deviate greatly if the CIS adjustment is not set correctly.

The following page is a sample of an SMC report.

This figure must be in between A and 28.  
Therefore this example is OK.

1909-01	CIS Img Pos Adj	Tray 1, 2, 3		F
-02		LCT		12
-03		Duplex		18
1911-01	CIS Img Pos Adj	Tray 1	1	1
-02		Tray 2	1	1
-03		Tray 3	1	1
-04		Tray 4 (LCT Tray	1	1
-05		Tray 5 (LCT Tray	1	1
-06		Tray 6 (LCT Tray	1	1
-07		Tray 7 (Bypass Tr	1	1
-08		Back Side	1	1
1913-01	CIS Img Pos Adj	Tray 1, 2, 3 (Norm		954
-02		LCT (Normal Pape		0
-03		Duplex (Normal Pa		972
1915-01	Fine Adjust CIS	Tray1	+0.0	+0.0
-02		Tray2	+0.0	+0.0
-03		Tray3	+0.0	+0.0
-04		Tray4	+0.0	+0.0
-05		Tray5	+0.0	+0.0
-06		Tray6	+0.0	+0.0
-07		Tray7	+0.0	+0.0
-08		Back Side	+0.0	+0.0

This figure must NOT be 0. Therefore this example is NG.

Model: Bellini-C4(Katana-C2)		Date: 07-Jan-10	No.: RD059050
Subject: Service manual correction: SP5-182		Prepared by: T. Mimura	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Please apply the following correction to your service manual.

**Location of the error:**

Appendices > 3. Appendix: Service Program Mode > System SP5-nnn Mode: 1

**Incorrect information:**

SP5-182 (HDD Page Mgmt).

Please disregard SP5-182-001 and SP5-182-002. These SP's are not modifiable in Bellini-C4 (Katana-C2).

Model: Bellini-C4(Katana-C2)		Date: 10-Feb-10	No.: RD059051
Subject: Katana-C2 Parts/accessories Exclusive for RCN		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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 checked="" type="checkbox"/> Other (     )	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## This RTB is issued exclusively for Ricoh China.

The following list shows the parts/accessories exclusive for the Chinese market, picked up from the Bellini-C4 parts component list.

D060			
Part Number	Q'ty	Part Name	Remark
D0591553	1	OPERATION SUB-UNIT:BLC4:CHN	Refer to diagram "A".
B1386401	1	SHEET:NAME:KEY TOP-TEL:CHN	
D0601308	1	DECAL:MISFEED REMOVAL:D1/Z2:CHN	
B3058670	1	SHEET:EULA:CHINESE:AD-C3V2/RU-C3	
B3058677	1	SHIELD:CAUTION:CHINESE	
D0607650	1	MANUAL:COPY_REF:CH	
D0607686	1	SHEET:QUICK_REF_COPY:CH	
D0607764	1	MANUAL:TROUBLESHOOT:CH	
D0607766	1	MANUAL:ABOUT_MACHINE:CH	
B7166800	2	CASE:IC:PAPER:ALL	1 for USER CD-Rom, 1 for ADMIN CD-Rom
D0617431	1	CD-ROM:OI:USER:CH	
D0617432	1	CD-ROM:OI:ADMIN:CH	
A2041299	2	DECAL	
AA000546	1	DECAL:LASERCLASS1:CHN	
A2041357	1	POLYETHYLENE BAG:GUARANTEE:SHIELD	
B2826400	1	GUARANTEE:CHINESE	
D0601391	1	RATING NAME PLATE:D060-21	
D0607415	1	DECAL:CHINA_ENERGY_LABEL:D06021	
H5554492	0.2	DECAL:ROHS:CHN:10:20MM	
H5554496	1	LABEL:ROHS:CHN:DATE:40MM	
D0595710	1	POWER SUPPLY CORD: STOPPER: CHN: ASS'Y	Not registered as a Service Part.
D0597587	1	BRACKET:POWER SUPPLY CORD:CHN	Not registered as a Service Part.
B0656878	1	DECAL:PAPER SET DIRECTION: TANDEM LCT: RIGHT:AA	Refer to diagram "C".
B0656879	1	DECAL: PAPER SET DIRECTION: TANDEM LCT: LEFT:AA	Refer to diagram "B".
AA001162	1	DECAL:SERIALNUMBER SHEET:RIC:STD1	
D0608021	1	PACKING:C4B:CHN:ASS'Y	
D0608121	1	OUTER BOX:C4B:CHN	

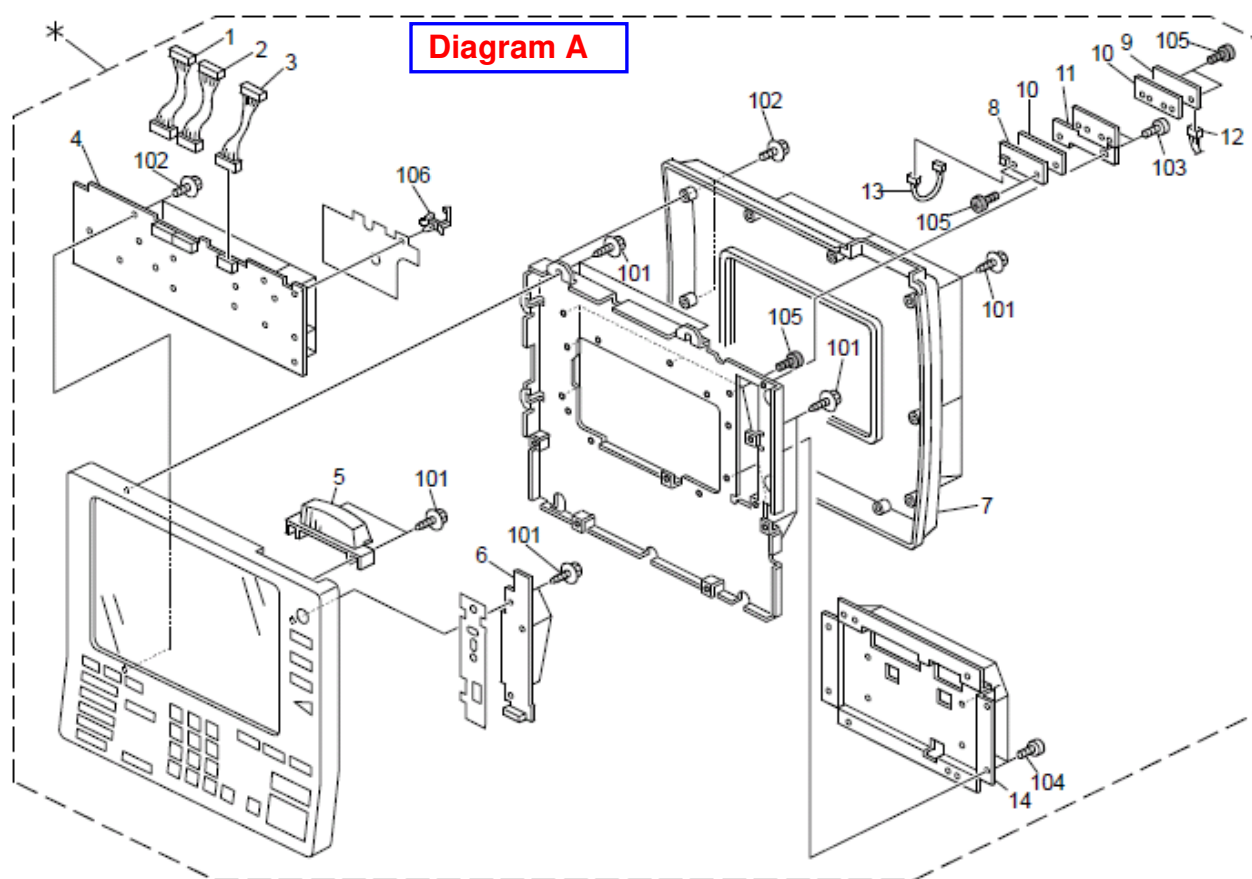
Model: Bellini-C4(Katana-C2)

Date: 10-Feb-10

No.: RD059051

## D061

Part Number	Q'ty	Part Name	Remark
D0595710	1	POWER SUPPLY CORD: STOPPER: CHN:ASS'Y	
D0597587	1	BRACKET:POWER SUPPLY CORD:CHN	
D0611391	1	RATING NAME PLATE:D061-21	
D0617415	1	DECAL:CHINA_ENERGY_LABEL:D06121	
AA001162	2	DECAL:SERIALNUMBER SHEET:RIC:STD1	
D0618021	1	PACKING:C4C:CHN:ASS'Y	
D0618121	1	OUTER BOX:C4C:CHN	



Model: Bellini-C4(Katana-C2)

Date: 10-Feb-10

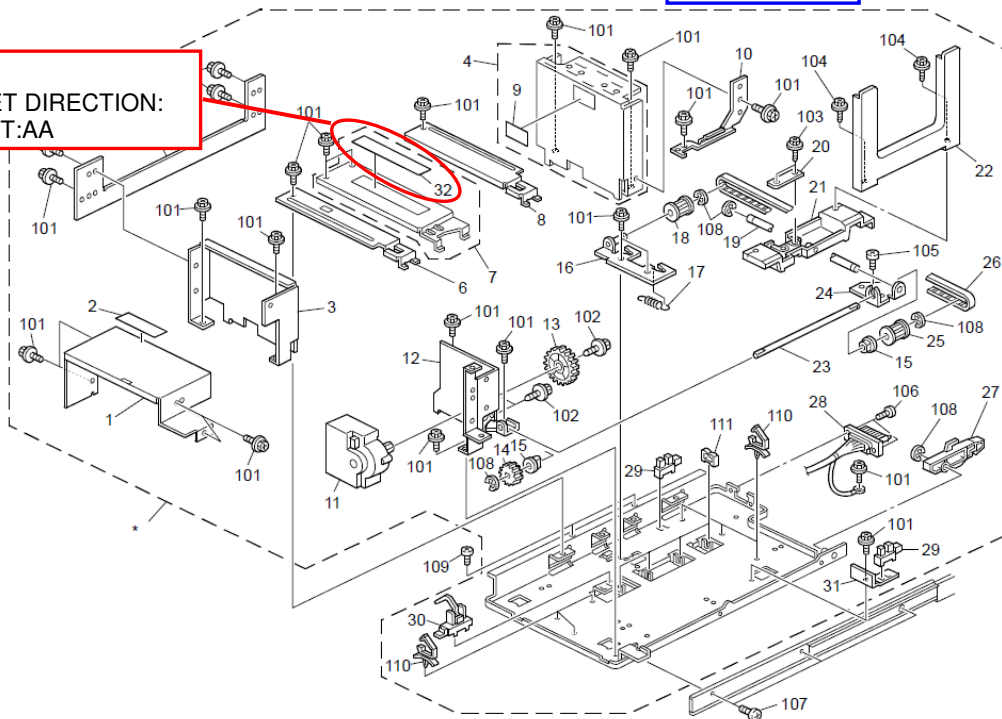
No.: RD059051

## 24.Tandem Tray 1 (D059/D060/D061)

### Diagram B

**B0656879**

DECAL:PAPER SET DIRECTION:  
TANDEM LCT:LEFT:AA



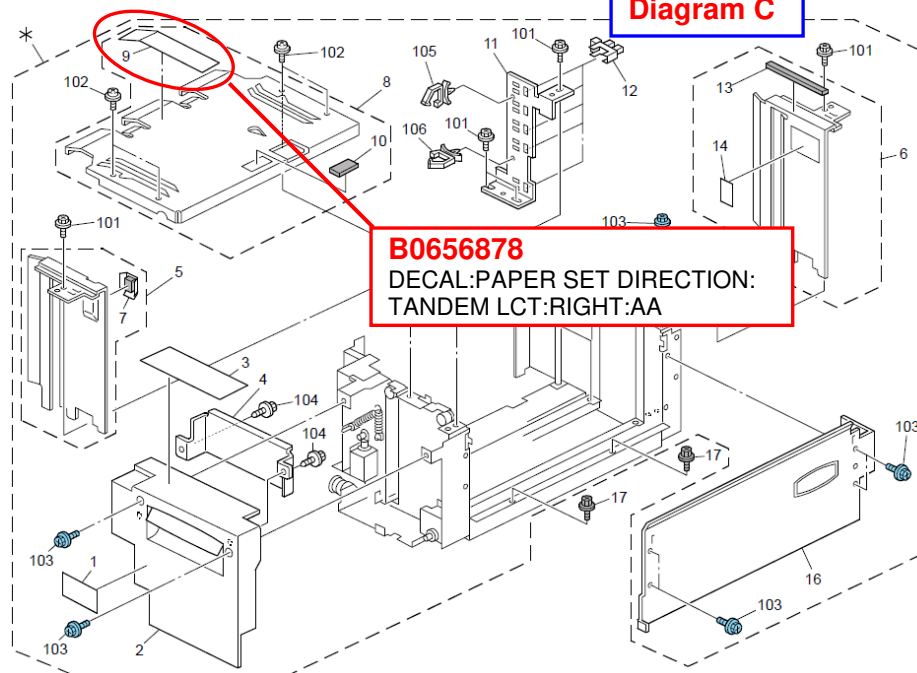
64

## 25.Tandem Tray 2 (D059/D060/D061)

### Diagram C

**B0656878**

DECAL:PAPER SET DIRECTION:  
TANDEM LCT:RIGHT:AA



66

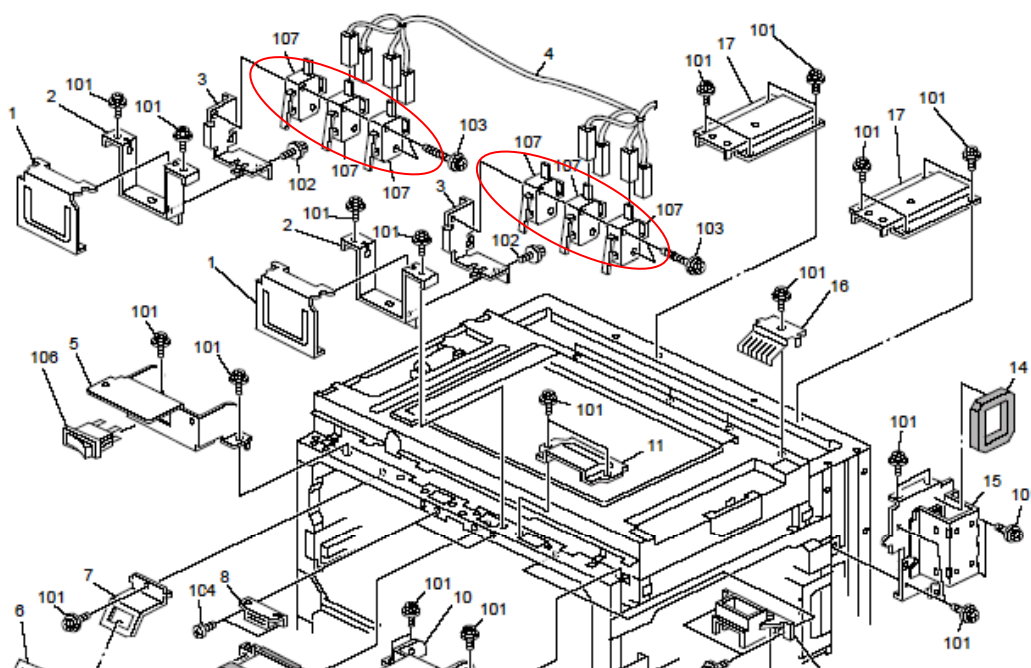


Model: Katana-C2(Bellini-C4)		Date: 05-Mar-10	No.: RD059052
Subject: P/N of the Front Door Safety Switch		Prepared by: K.Tsutsui	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <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"/> Tier2

**This RTB is issued exclusively for China: machine codes D060-21 / D061-21.**

Part number "12042521" is assigned for the Front Door Safety Switch indexed with number 107 in the following diagram.

## 81.Electrical Section 10 (D059/D060/D061)



Model: Bellini-C4(Katana-C2)		Date: 1-Apr-10	No.: RD059053
Subject: Service Manual Revision List		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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"/> Tier2

This RTB has been issued to announce the revision list of the Bellini-C4 field service manual released on March 8<sup>th</sup> 2010; revisions made since July 18<sup>th</sup> 2009.

	Section	Description
1	Installation > Main Machine (D059/D060/D061) > Installation> Pouring Developer	Step 7; correction from "toner" to "developer"
2	Installation > Main Machine > Completing the Installation > Operating Instructions Holder Attachment	Procedures for attaching instruction manual holder added
3	Installation > Main Machine > Installation > Power Cord, Breaker Switch	Test the breaker switch (P.189) → Test the breaker switch (Installation > Common Adjustments > Breaker Switch Testing).
4	Installation > Main Machine > Installation > Operation Panel > Completing Operation Panel Installation	Step 6; revised diagram indicating the modified spacer with felt attached
5	Installation > MFP Options > Printer/Scanner Unit Type 1357 (D451-01)	Step 10; SP5985-1&2 setting change '0' to '1' → '2' to '1'
6	Installation > MFP Options > Copier Connection Kit (B328)	Procedures for installing Copier Connection Kit added
7	Installation > Decurl Unit DU5000 (D457-17) > Installation > Mylars	Notes on mylar attachment for additional installation of peripherals
8	Installation > Cover Interposer Tray CI5010 (B835) > Installation > Attaching the Black Mylar to the Downstream Unit	Notes on mylar attachment for additional installation of peripherals
9	Installation > Multi Folding Unit (D454) > Installation > Docking	Notes on docking screws "M4x20" and "M4x14"
10	Installation > Multi Folding Unit (D454) > Installation > Power Cord, Breaker Switch Test	Test the breaker switch (P.189) → Test the breaker switch (Installation > Common Adjustments > Breaker Switch Testing).
11	Installation > High Capacity Stacker > Installation > Power Cord, Breaker Switch	Test the breaker switch (P.189) → Test the breaker switch (Installation > Common Adjustments > Breaker Switch Testing).
12	Installation > Booklet Finisher > Installation > Power Cord, Breaker Switch	Test the breaker switch (P.189) → Test the breaker switch (Installation > Common Adjustments > Breaker Switch Testing).
13	Installation > Common Adjustments > LCIT Adjustments	Step 8; Correction of value for CIS adjustment; between 20 and 40 → Ah and 28h (hexadecimal)
14	Installation > LCIT RT5040 (D453-17) > Coated Paper and NCR > Coated Paper	P/N correction for Feed Rollers and Separation Rollers; AF031041A → AF031041, AF032041A → AF032041
15	Installation > Key Counter > Key Counter Interface Board	Installation instructions added
16	Installation > A3/11"x17" Tray Unit TK5010 (B331-14) >	Step 12; diagram added to indicate the 3 screw holes

**Model:** Bellini-C4(Katana-C2)**Date:** 1-Apr-10**No.:** RD059053

	Installation	
17	Replacement and Adjustment > Fusing Unit > Fusing Pressure Adjustment	Measurement procedures and value of the nip width corrected
18	Replacement and Adjustment > Boards > BICU	Instructions on BICU board installation revised
19	Details > Overview > Electrical Component Descriptions	Section entirely corrected to correspond with the number/description/location in the Point to Point manual.
20	Appendices > 3. Appendix: Service Program Mode > System SP2-nnn Drum: 2	Substitution of SP2902-001/002 with SP4417
21	Appendices > 3. Appendix: Service Program Mode > System SP5-nnn Mode: 1	SP5182-001/002 not used (not modifiable)
22	Appendices > 3. Appendix: Service Program Mode > Special Operations > Firmware Update	Notes on Ring Binder (D392) firmware version, update procedures for Cover Interposer (B835) and Perfect Binder (D391)

Model: Bellini-C4(Katana-C2)		Date: 16-Apr-10	No.: RD059054
Subject: Notes on Development Motor Unit Removal/Replacement Procedure		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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"/> Tier2

## Problem

Possible occurrences of SC300, SC304, SC320

## Cause

The above SCs could occur due to damage to the harnesses when removing/replacing the development motor unit.

## Solution

An additional step has been included in the development motor unit removal/replacement procedure to prevent damage to the harness. Please refer to the following pages for details.

## Modification

For machines with the following serial numbers, the registration motor has been rotated 90 degrees counterclockwise (so that harness connection is to the bottom instead of to the left to avoid interference with the development motor unit at its removal/replacement.) These machines do NOT require the additional step when removing/replacing the development motor unit.

Bellini-C4 (Katana-C2)

D05927: V5000100015~

D06017: V5100100038~

D06021: V5100200071~

D06027: V5100100056~

D06117: V5200100020~

D06121: V5200200022~

D06127: V5200100037~

Model: Bellini-C4(Katana-C2)

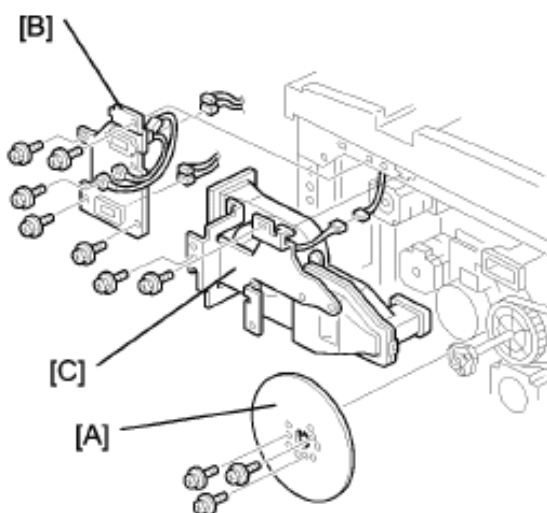
Date: 16-Apr-10

No.: RD059054

## New procedure for removing/replacing the development motor unit to prevent damage to the harness

### Development Motor Unit

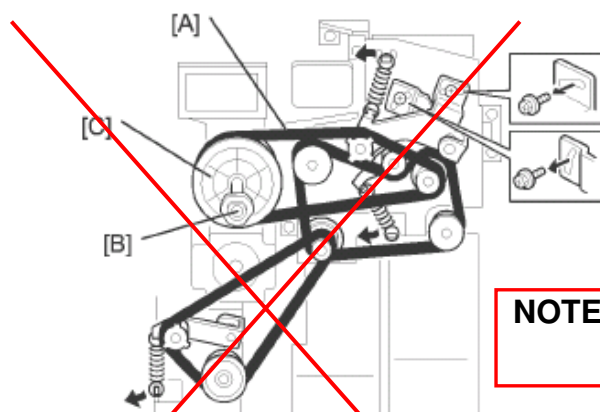
- Open the PSU box (☞ p.287)
- Rear upper cover (☞ "Rear Upper Cover")



b234r919a

#### 1. Remove:

- [A]: Flywheel (🔩 x3)
- [B]: Harness bracket (🔩 x5, 📌 x4)
- [C]: Left duct unit (🔩 x2, 📌 x1)



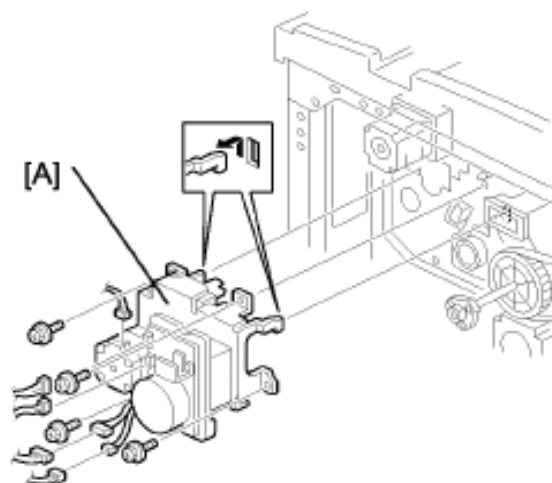
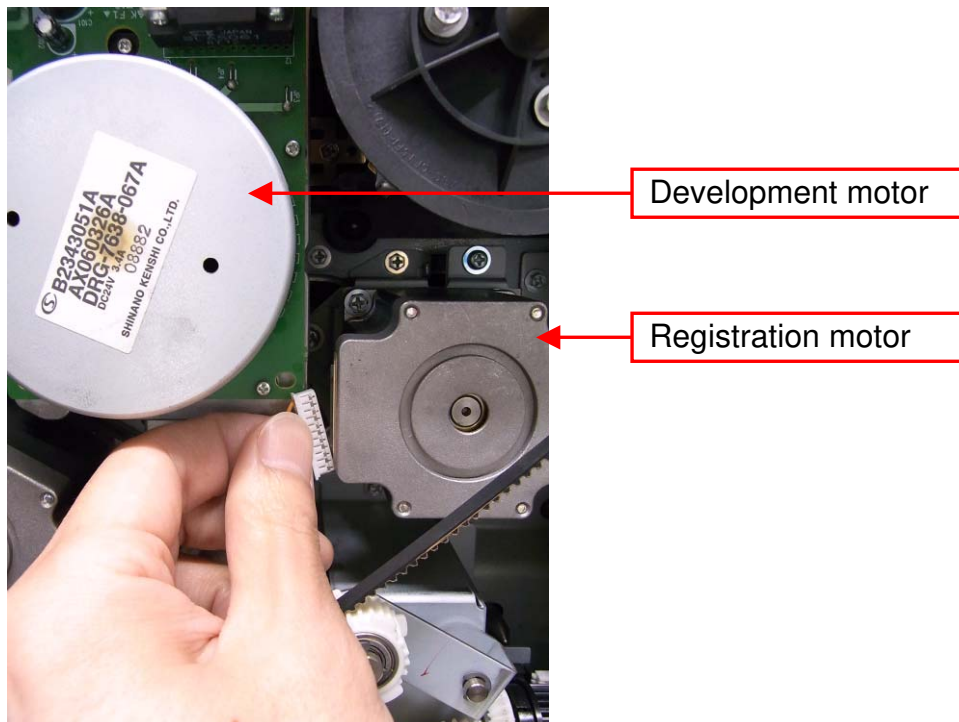
**NOTE:** Skip this step. Timing belt, Flywheel holder, and Drum pulley do not have to be removed.

b234r962

#### 2. Remove:

- [A]: Timing belt (🔩 x1)
- [B]: Flywheel holder (🔩 x2)
- [C]: Drum pulley (🔩 x3)

2. Disconnect the harness from the registration motor.  
(This step has been newly included in the procedure.)



b234r919b

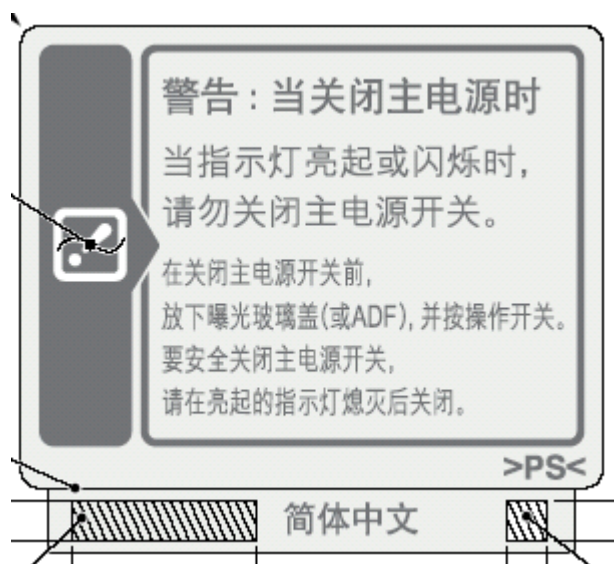
3. Remove development motor unit [A] (⚙ x4, 🛠 x5, 🗑 x1)

Model: Katana-C2(Bellini-C4)		Date: 09-July-10	No.: RD059055
Subject: Missing part ;Decal		Prepared by: K.Tsutsui	
From: PP Service Planning Department 1G			
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 checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

This RTB is issued exclusively for China; machine codes D060-21 / D061-21.

## Problem

Part "D01111281" (decal), which has to be attached to the mainframe upon installation had been falsely excluded from the accessories.



## Affected Units

Production		Units	Serial Numbers
2010/2	D06021	7	V5100200071-V5100200077
2010/3	D06021	3	V5100300001-V5100300003
2010/4	D06021	8	V5100400001-V5100400008
2010/5	D06021	13	V5100500026-V5100500031
			V5100500066-V5100500072
D06021 Total		31	
2010/2	D06121	4	V5200200022- V5200200025
2010/3	D06121	2	V5200300042- V5200300043
2010/4	D06121	2	V5200400053- V5200400054
2010/5	D06121	8	V5200500013- V5200500020
2010/6	D06121	2	V5200600019- V5200600020
D06121 Total		18	



Model: Katana-C2(Bellini-C4)	Date: 09-July-10	No.: RD059055
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**Request**

For MIF: Please attach the decal on your next routine visit to customer site.

For stock: Please attach the decal upon site installation.

A particular location is not fixed for this decal. Please explain the caution expressed by this decal to the customer and attach it to an appropriate location on the mainframe.

Among the 49 affected units in total, 19 have been shipped to Ricoh China and 30 to InfoPrint. Please identify the serial numbers of these units at RCN.

Model: Bellini-C4(Katana-C2)		Date: 30-Jul-10	No.: RD059056
Subject: LDU Field Modification		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (     )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## SYMPTOM

Occurrences of SC Codes such as SC240, 241, 242, 243 caused by LD (Laser Diode) error.

## CAUSE

Machines of a particular serial number (see the lists on the following pages '**Serial Number List of All Affected Units per Region**') have been identified with a defect in the laser diode arrays in which the laser is not emitted due to a partially "darkened area" caused by a false production process.

## SOLUTION

On your next service visit to these affected serial number machines, please replace the LD unit using the following special registered part number.

**Part Number: D0599901**

Description: MODIFICATION: LDU

Note:

To prevent replacing the LDU twice on the same machine, please record the replacement history for each serial number (Service Management System, Log Books, Visual Sign on LDU's, etc.).

## LDU REPLACEMENT PROCEDURE

The replacement procedure can be found in the service manual as described below:

Pro 907EX,1107EX,1357EX Service Manual:  
Section 3. Replacement and Adjustment > Laser Unit

Model: Bellini-C4(Katana-C2)

Date: 30-Jul-10

No.: RD059056

## Serial Number List of All Affected Units per Region:

### <RAC: Total 190 machines>

No.	Product	Serial No. <b>from-to</b>
1	Pro 907EX	V50004000 <b>86-88</b>
2		V5000400090
3	Pro 1107EX	V51002000 <b>78-86</b>
4		V51003000 <b>14-48</b>
5		V51003000 <b>64-68</b>
6		V5100300 <b>088-123</b>
7		V5100300 <b>125-129</b>
8		V5100300 <b>131-139</b>
9		V51004000 <b>10-11</b>
10		V51004000 <b>14-15</b>
11		V51004000 <b>19-20</b>
12		V5100400025
13		V51004000 <b>31-35</b>
14		V51004000 <b>38-41</b>
15		V5100400043
16		V5100400139
17	Pro 1357EX	V52002000 <b>13-21</b>
18		V52003000 <b>17-21</b>
19		V52003000 <b>44-76</b>
20		V5200400023
21		V52004000 <b>26-27</b>
22		V52004000 <b>31-42</b>
23		V52004000 <b>55-61</b>

### <RCN: Total 27 machines>

No.	Product	Serial No. <b>from-to</b>
1	Pro 1107EX	V51002000 <b>71-77</b>
2		V510030000 <b>1-3</b>
3		V510040000 <b>1-8</b>
4	Pro 1357EX	V52002000 <b>22-25</b>
5		V52003000 <b>42-43</b>
6		V52004000 <b>53-54</b>

Model: Bellini-C4(Katana-C2)

Date: 30-Jul-10

No.: RD059056

**<RE & RA: Total 234 machines>**

No.	Product	Serial No. <b>from-to</b>
1	Pro 907EX	V5000200 <b>076-101</b>
2		V50003000 <b>02-07</b>
3		V50003000 <b>09-10</b>
4		V50003000 <b>12-15</b>
5		V5000300017
6		V50003000 <b>20-25</b>
7		V50003000 <b>27-29</b>
8		V50003000 <b>32-35</b>
9		V50003000 <b>37-38</b>
10		V5000300043
11		V5000300045
12		V5000300050
13		V50003000 <b>52-54</b>
14		V50003000 <b>56-65</b>
15		V5000400004
16		V5000400006
17		V50004000 <b>15-46</b>
18		V50004000 <b>48-51</b>
19		V5000400102
20		V5000400 <b>110-113</b>
21		V5000400 <b>115-116</b>
22		V5000400120

No.	Product	Serial No. <b>from-to</b>
23	Pro 1107EX	V51002000 <b>66-70</b>
24		V5100300005
25		V5100300012
26		V51003000 <b>49-56</b>
27		V5100300058
28		V51003000 <b>61-62</b>
29		V51003000 <b>69-80</b>
30		V51003000 <b>82-83</b>
31		V51003000 <b>85-87</b>
32		V51004000 <b>84-87</b>
33		V5100400123
34		V5100500012
35	Pro 1357EX	V52003000 <b>01-08</b>
36		V5200300012
37		V5200300014
38		V5200300016
39		V5200300032
40		V5200300034
41		V52003000 <b>36-41</b>
42		V52003000 <b>78-80</b>
43		V52003000 <b>82-84</b>
44		V5200300087
45		V52003000 <b>89-91</b>
46		V5200300093
47		V52004000 <b>01-03</b>
48		V52004000 <b>05-10</b>
49		V5200400012
50		V5200400015
51		V52004000 <b>18-20</b>
52		V52004000 <b>44-48</b>
53		V52004000 <b>50-52</b>
54		V52004000 <b>62-76</b>
55		V52004000 <b>87-96</b>

Reissued:05-Aug-10

Model: Bellini-C4/P1(Katana-C2/P1)	Date: 30-Jul-10	No.: RD059057a
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## RTB Reissue

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

Subject: SC300 Caused by Toner Leaks from the Toner Pump		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
Classification :	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other (      )	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

## SYMPTOM

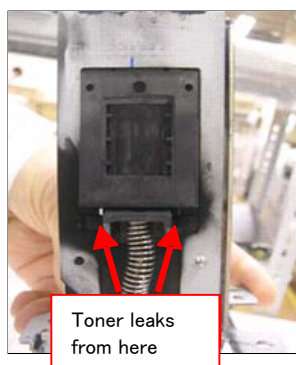
Possible occurrences of SC300

## CAUSE

Charge leak originating in toner leaks from the toner pump.

Toner leakage areas

A) Gap in the toner pump shutter (\*)



\*Deflection of the spring causes the shutter to slant, leaving a gap causing toner leakage

B) Connecting area of the upper/lower toner pump cases



**Reissued:05-Aug-10**

Model: Bellini-C4/P1(Katana-C2/P1)

Date: 30-Jul-10

No.: RD059057a

## SOLUTION

### For machines in field

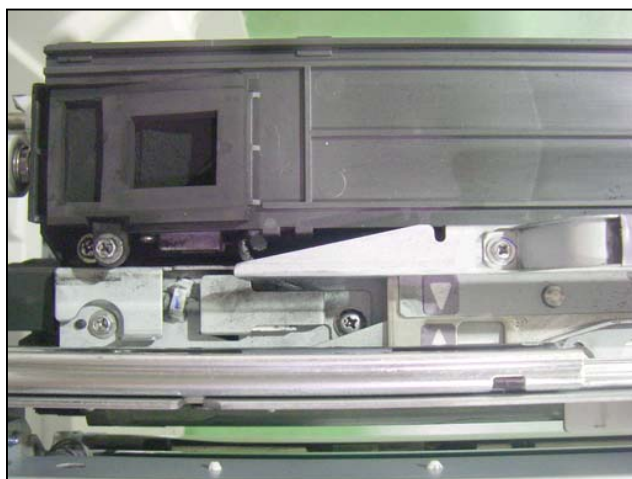
At the next service visit, please visually check if toner scattering is occurring as shown below around the toner hopper area. Also, please check if toner is adhered around the Charge Corona unit.

If both areas are scattered with toner, the toner pump should be replaced with the modified special registered Toner Pump.

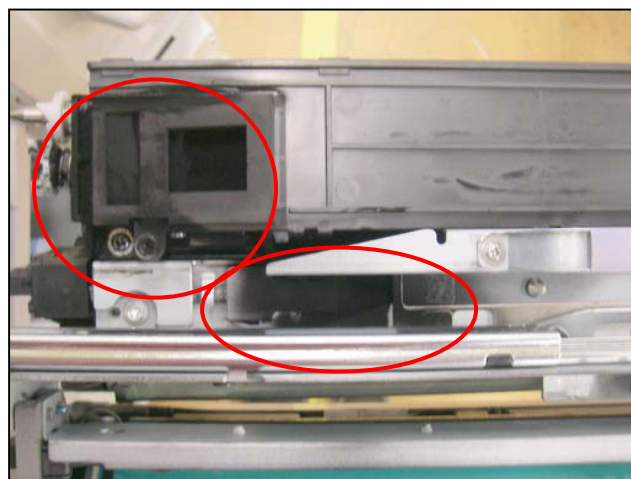
### Part Number: D0599903

Description: MODIFICATION: ***Toner Supply Pump***

Unaffected unit



Affected unit



### For units that are currently in stock

We kindly ask you to replace the toner pump for all units scheduled for site installation that have serial numbers smaller than the ones indicated below with the modified special registered Toner Pump.

### Part Number: D0599903

Description: MODIFICATION: ***Toner Supply Pump***

Bellini-C4 (Katana-C2)

Bellini-P1 (Katana-P1)

D059-17 : V5000600174

M002-17 : All units are affected

D059-27 : V5000600215

M002-27 : All units are affected

D060-17 : V5100600063

M003-17 : All units are affected

D060-27 : V5100600057

M003-27 : All units are affected

D061-17 : V5200600021

M004-17 : All units are affected

D061-27 : V5200600031

M004-27 : All units are affected

D061-21 : V5200600019 (China model)

**Reissued:05-Aug-10**

Model: Bellini-C4/P1(Katana-C2/P1)

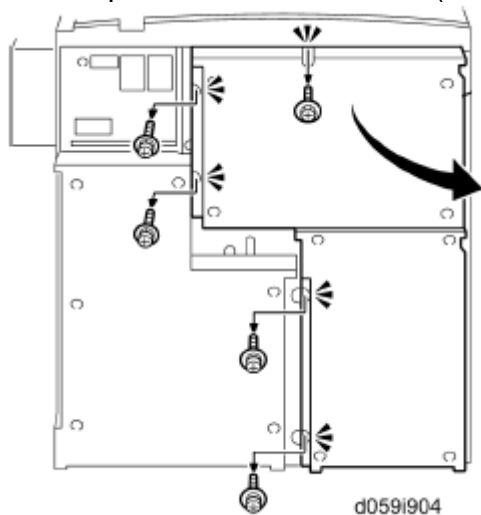
Date: 30-Jul-10

No.: RD059057a

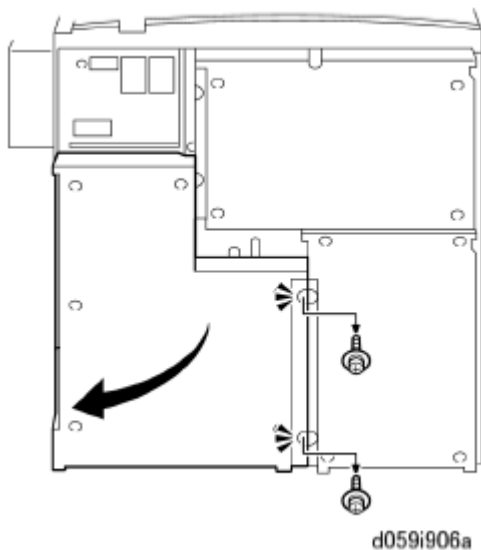
## Toner Pump Replacement Procedure

1. Remove the Rear Upper cover.

1-1. Open the controller box. (Screw x5)



1-2. Open the PSU box. (Screw x2)





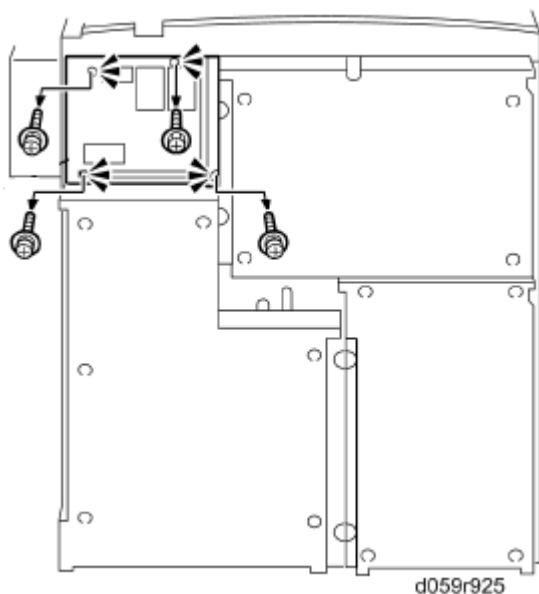
**Reissued:05-Aug-10**

Model: Bellini-C4/P1(Katana-C2/P1)

Date: 30-Jul-10

No.: RD059057a

1-3. Remove the Rear Upper cover. (Screw x4)

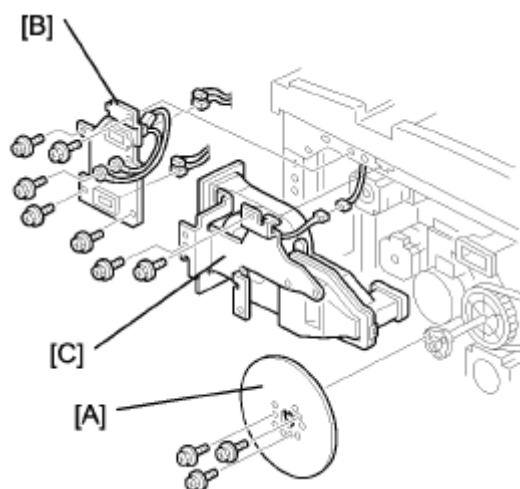


2. Remove the flywheel, harness bracket, and left duct unit.

[A]: Flywheel (Screw x4)

[B]: Harness bracket (Screw x5, Connector x4)

[C]: Left duct unit (Screw x2, Connector x1)



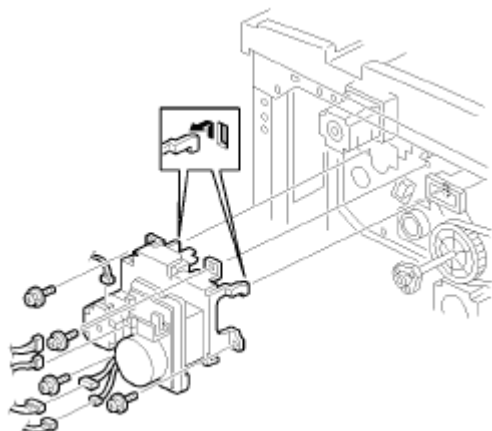
**Reissued:05-Aug-10**

Model: Bellini-C4/P1(Katana-C2/P1)

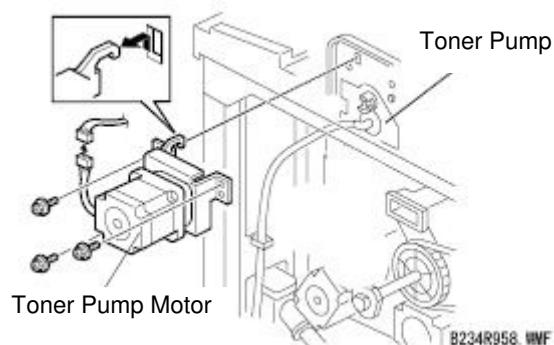
Date: 30-Jul-10

No.: RD059057a

3. Remove the Development Motor Unit. (Screw x4, Connector x5)



4. Remove the toner pump motor. (Screw x3, Connector x1)



5. Remove the toner pump unit. (Screw x3, Connector x1)



6. Disconnect the toner supply tube.

**Note:**

- \* To prevent toner leakage from the tube when disconnected, direct the tip of the tube upwards and fix it to the frame using tape.
- \* Insert the tube in its correct position when reinstalling the parts.
- \* Ensure the tube is not contorted (to prevent blockage in the toner supply.)

Model: Bellini-C4(Katana-C2)		Date: 03-Aug-10	No.: RD059058
Subject: Service manual correction: Fusing Lamp		Prepared by: T. Komori	
From: PPMC Service Planning Department 1G			
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 checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Please apply the following corrections to your service manual.

## Correction #1

### Location of the error:

3. Replacement and Adjustment > Fusing Unit > Hot Roller > Re-installing the Fusing Lamps

### Incorrect description

D059/D060		D061	
Front	Rear	Front	Rear
White	Red	White	Red
White	White	White	Yellow
White	Blue	White	Blue

### Correct description

D059/D060		D061	
Front <b>Connector</b>	Rear <b>Connector</b>	Front <b>Connector</b>	Rear <b>Connector</b>
White	Red	White	Red
White	White	<b>Yellow</b>	Yellow
White	Blue	White	Blue

Model: Bellini-C4(Katana-C2)

Date: 03-Aug-10

No.: RD059058

**Correction #2**
**Location of the error:**

6. Details &gt; Fusing &gt; Fusing Lamp and Fusing Temperature Control

**Incorrect description**

Name	Voltage/Wattage	
	D059/D060	D061
Fusing Lamp 1	900 W (M: Red, R: Red) *1	900 W (M: Red, R: Red)
Fusing Lamp 2	600 W (F/R: White)	600 W (F/R: Yellow)
Fusing Lamp 3	900 W (M: White, R: Blue)	900 W (M: White, R: Blue)

\*1 : F=Front, R=Rear

**Correct description**

Name	Voltage/Wattage	
	D059/D060	D061
Fusing Lamp 1	900 W (F: <b>White</b> , R: Red) *1	900 W (F: <b>White</b> , R: Red)
Fusing Lamp 2	600 W (F/R: White)	600 W (F/R: Yellow)
Fusing Lamp 3	900 W (F: White, R: Blue)	900 W (F: White, R: Blue)

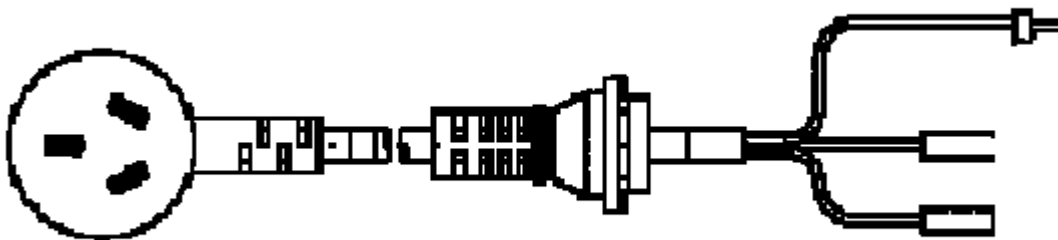
\*1 : F=Front **Connector**, R=Rear **Connector**

Model: Bellini C-4/b,c (Katana C2/b,c)		Date: 20-Aug-10	No. RD059059
Subject: Parts Catalog Correction		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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"/> Tier2

New part number	Description	Q'ty	Page	Index	Note
D0595710	POWER SUPPLY CORD:STOPPER:CHN:ASS'Y	1	175	1	Add

**Change:** A part was added.

**Reason:** This part was missing from the Parts Catalog.



**Reissued: 14-Feb-14**

Model: B-C4	Date: 26-Oct-10	No.: RD059060d
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**RTB Reissue**

The items in bold italics have been corrected or added.

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

This RTB has been issued to announce the firmware release information for the **System/Copy**.

**This firmware is a dedicated firmware for Toshiba TEC machine.**

Version	Program No.	Effective Date	Availability of RFU
<b>2.12T</b>	<b>D0595559G</b>	<b>November 2013 production</b>	<b>Not available</b>
2.11T	D0595559F	March 2013 production	Not available
2.10T	D0595559E	May 2012 production	Not available
2.09T	D0595559D	August 2011 production	Not available
2.05T	D0595559	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
<b>2.12T</b>	<b>Error Correction:</b> <ol style="list-style-type: none"> <li><b>When @Remote is used, the report and polling communication might stop.</b></li> <li><b>When Engine SC occurs many times at short period, Supply Call by @Remote might stop.</b></li> </ol>
2.11T	Symptom corrected: <ol style="list-style-type: none"> <li>Web Image Monitor can be accessed with administrator authentication even in lockout status.</li> <li>User might not be able to log out after access authorized using an IC card.</li> <li>Scan to folder fails with Mac OS X 10.7(Lion) and 10.8(Mountain Lion).</li> <li>System stalls when running a large volume copy job.</li> </ol>
2.10T	Symptom corrected: <ol style="list-style-type: none"> <li>If large numbers of preset copy jobs are registered, the scanning speed slows down and could result in SC990.</li> <li>Defect of the data overwrite security card (Zoffy) reduces the HDD capacity, which may cause failure in generating files.</li> <li>If the present time is changed or set incorrectly (in User Tools--&gt; System Settings --&gt; Timer Settings --&gt; Set Time) to a time deviating largely from the actual present time, preset jobs that are programmed by time are affected and may result in false detection or misdetection of unauthorized access.</li> <li>Memory leak could occur when logged in by user authentication privileges with the Auto Logout feature validated.</li> </ol>

**Reissued: 14-Feb-14**

Model: B-C4		Date: 26-Oct-10	No.: RD059060d
Version	Modified Points or Symptom Corrected		
2.09T	<p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. The machine operation panel might go black and not return until the power is cycled. This only occurred if User Authentication was enabled or the machine had a Device Accounting Unit such as a coin collector or charge card reader.</li> <li>2. During the user authentication process anonymous applications become falsely operable by TWAIN authenticated users.</li> <li>3. Abnormal image could be generated on the leading edge when copying in reduction ratio of 49% or lower in mono-color.</li> <li>4. Abnormal image is generated when printing stamps from the Document Server.</li> <li>5. Multiple communication errors that occur when connecting different peripherals.</li> <li>6. Multiple errors related to SC860 occur when powering on the machine.</li> <li>7. If the optional FAX unit and VM cards are installed, once the machine switches to Energy Saver mode, it cannot recover and the operation panel display remains blank.</li> <li>8. GBC is not recognized when the Finisher is unconnected and the GBC is connected.</li> <li>9. Problems involving gang-up print from Document Server</li> <li>10. Problems involving test print from different paper trays per original</li> <li>11. Improvement in the specification for encryption transmission</li> <li>12. Returning to SP mode from copy mode was invalid.</li> <li>13. When the Stacker is assigned as the output tray and a jam occurs before the first sheet of the job is delivered to the Stacker, printing stops and cannot resume even after having removed the jammed sheet(s).</li> <li>14. Only the page numbers are printed when printing stored jobs from the Document Server.</li> <li>15. The system issues SC672/SC816 when reaching the time set for auto off timer during STR (suspend to ram).</li> </ol>		
2.05T	1st Mass production		



Model: <b>B-C4</b>	Date: 26-Oct-10	No.: RD059061
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Subject: Firmware Release Note: [Toshiba TEC] OpePanel.EXP		Prepared by: T. Mimura	
From: PPBG Service Planning 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 type="checkbox"/> Tier 2

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

**This firmware is dedicated firmware for the Toshiba TEC machine.**

## For US Models

Version	Program No.	Effective Date
1.06tec	D0591519	1st Mass production

## For US Models

Version	Modified Points or Symptom Corrected
1.06tec	1st Mass production

Model: Bellini-C4(Katana-C2)		Date: 26-Oct-2010	No.: RD059062
Subject: Service Manual Correction – Registration Specs		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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"/> Tier2

This RTB has been issued to announce the errors in the current service manual regarding the specifications for leading edge/side-to-side registration and blank margin. Please apply the following 4 corrections to your service manual.

## Correction 1: Replacement and Adjustment > Copy Image Adjustment: Printing/Scanning > Registration – Leading Edge

### Copy Image Adjustment: Printing/ Scanning

#### Note

- You need to perform these adjustments after replacing any of the following parts: Scanner Wires, Lens Block, Scanner Motor, Polygon Mirror Motor, Paper Side Fences, Memory All Clear. For more details about accessing SP modes, refer to section 4.

#### Printing

3

#### Note

- Make sure the paper is installed correctly in each paper tray before you start these adjustments.
- Use the Trimming Area Pattern (SP2902 003, No. 27) to print the test pattern for the following procedures.
- Set SP2902 003 to 0 again after completing these printing adjustments.

#### Registration – Leading Edge

- Check the leading edge registration using the Trimming Area Pattern, and adjust it using SP1001 if necessary. The specification is:  $0 \pm 3$  mm.

**The specification is:  $4 \pm 2$  mm.**  
NOTE: Factory default is currently set to 3.5 mm.

#### Registration – Side-to-Side

Do the parallel image adjustment after the side-to-side registration adjustment.

Using SP Mode



Model: Bellini-C4(Katana-C2)

Date: 26-Oct-2010

No.: RD059062

## Correction 2: Replacement and Adjustment > Copy Image Adjustment: Printing/Scanning > Blank Margin

1. Check the trailing edge and right side edge blank margins using the Trimming Area Pattern, and adjust them using the following SP modes if necessary.

	SP mode	Specification
Trailing edge	SP2101 002	3 ± 2 mm
Right edge	SP2101 004	2 ± 1.5 mm
Leading edge	SP2101 001	4 ± 2 mm
Left edge	SP2101 003	2 ± 1.5 mm

**2 + 2 / -1.7 mm**

NOTE: Factory default is currently set to 3 mm.

3

## Correction 3: Appendices > Appendix: Service Program Mode > System SP1-nnn Feed

### System SP1-nnn Feed

1001	Leading Edge Registration
	Adjusts the printing leading edge registration for feeding from the trays and duplex tray using the trimming area pattern (SP2-902-1, No.15).
	Use the [./*] key to enter the minus (-) before entering the value.
	The specification is 4 ± 2 mm
001	Copier/LCT Paper Tray
	[-9.0 to +9.0 / 0 / 0.1 mm]
002	Duplex Tray
	[-9.0 to +9.0 / 0 / 0.1 mm]
003	Copier//LCT Paper Tray (Low Speed)
	[-9.0 to +9.0 / 0 / 0.1 mm]
004	Duplex Tray (Low Speed)
	[-9.0 to +9.0 / 0 / 0.1 mm]

**(SP2-902-3, No. 27).**

3

**Correction 4:** Appendices > Appendix: Service Program Mode > System SP1-nnn Feed

3

1002	Side-to-side Registration	
	Adjusts the printing side-to-side registration from the 1st paper feed station using the trimming area pattern (SP2-902-3, No.15).	
	Use the [./*] key to enter the minus (-) before entering the value.	
	Specification: 0 ± 2.0 mm.	
001	1st Tray (Copier Tandem Tray)	[-9.0 to +9.0 / 0 / 0.1 mm]
002	2nd Tray (Copier)	
003	3rd Tray (Copier)	
004	4th Tray (LCT Tray 1)	
005	5th Tray (LCT Tray 2)	
006	6th Tray (LCT Tray 3)	
007	7th Tray (Bypass Tray)	
008	Duplex Tray (Copier)	

(SP2-902-3, No. 27).

Specification: 2 ± 1.5 mm.

Model: Katana-C2 (D059/D060/D061)		Date: 16-Nov-10	No.: RD059063
Subject: Longer screws and screw holes for the duct		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other (      ) <input type="checkbox"/> Tier 2		

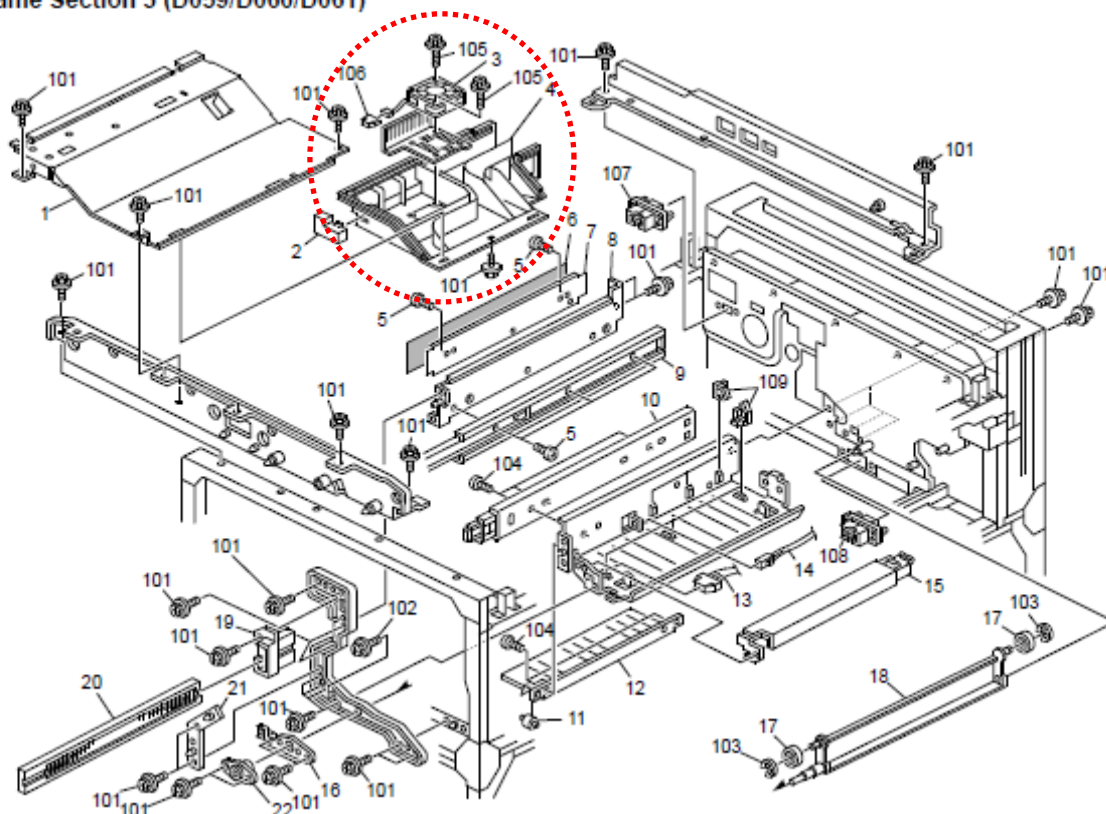
**Change:** Longer screws and screw holes for the duct

**Reason:** To prevent breakage of the duct in the manufacturing process

Old Part Number	New Part Number	Description	Q'ty	Int		Page	Index
D0594292	D0594386	DUCT:EXHAUST:UPPER: SUB-ASS'Y	1	X/O	X/O as a set	185	4
04504030N	D0594385	HEXAGON HEAD TAPPING SCREW:DC FAN MOTOR	2	X/X		185	105

A screw hole of the duct (indexed 4 below) had cracked in the manufacturing process when assembling the fan motor (indexed 3 below). To prevent this breakage, the duct has been modified to apply longer screws which will allow better engagement of the screw and the screw hole.

#### 84.Frame Section 3 (D059/D060/D061)



Model: Katana-C2 (D059/D060/D061)		Date: 16-Nov-10	No.: RD059064
Subject: Addition of the seal for tandem tray		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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

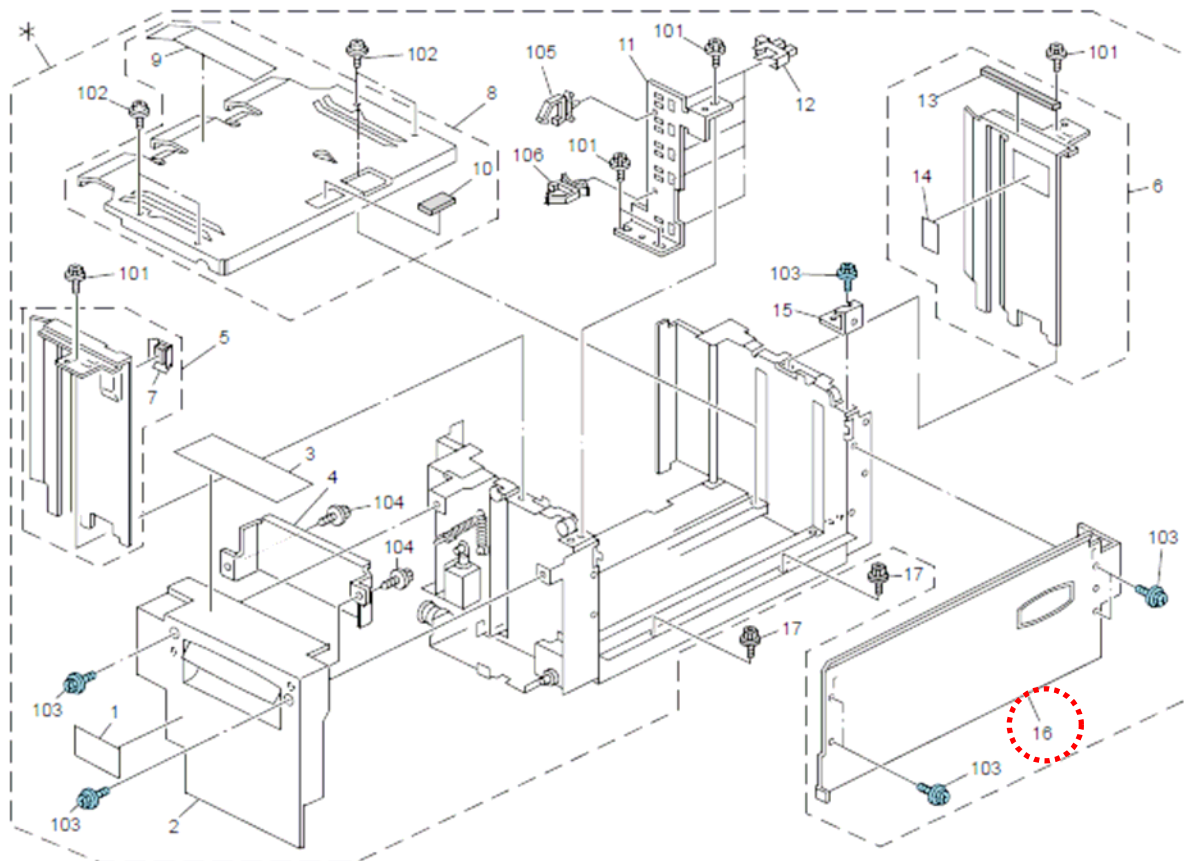
**Change:** A part was added.

**Reason:** To prevent damages/creases at the leading edge.

Old Part Number	New Part Number	Description	Q'ty	Int		Page	Index	Note
D0596667	D0596668	SIDE PLATE:SIDE:TANDEM LCT	1	X/O	X/O	67	16	
	D0596664	GUIDE:MIDDLE:PAPER TRAY	1		as a set	67	18	Add

The leading edge of the sheets beneath the topmost sheet could be damaged or creased from directly contacting with the reverse roller. To prevent the leading edge from contacting the reverse roller, Mylar (D0596664) has been added to the modified side plate (D0596668) which is marked with a groove to indicate the location for attaching the mylar.

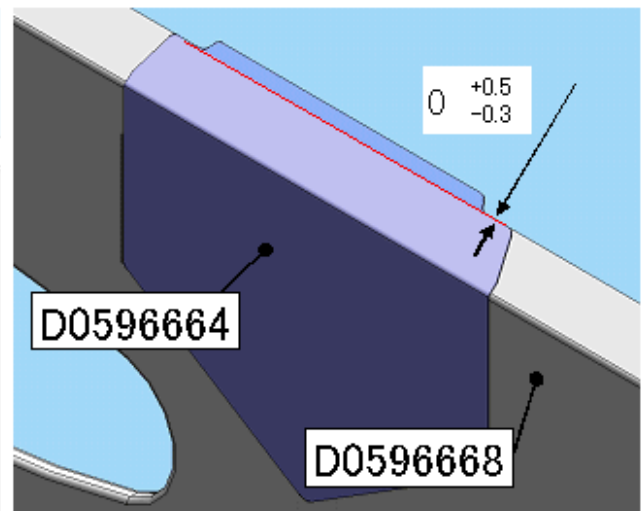
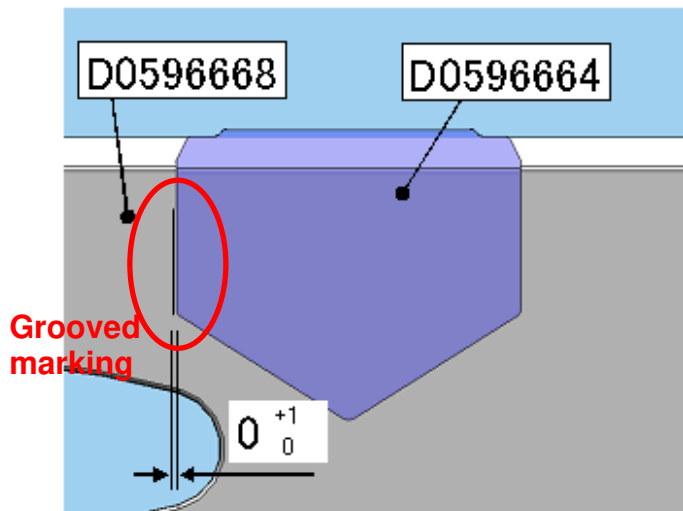
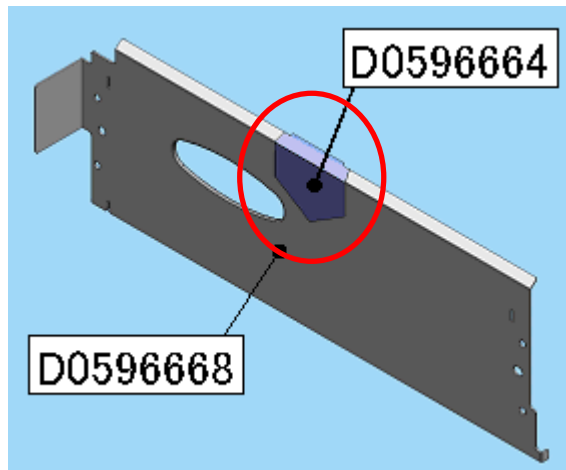
## 25.Tandem Tray 2 (D059/D060/D061)



Model: Katana-C2 (D059/D060/D061)

Date: 16-Nov-10

No.: RD059064



Attach the mylar by aligning its edge with the grooved marking on the side plate.

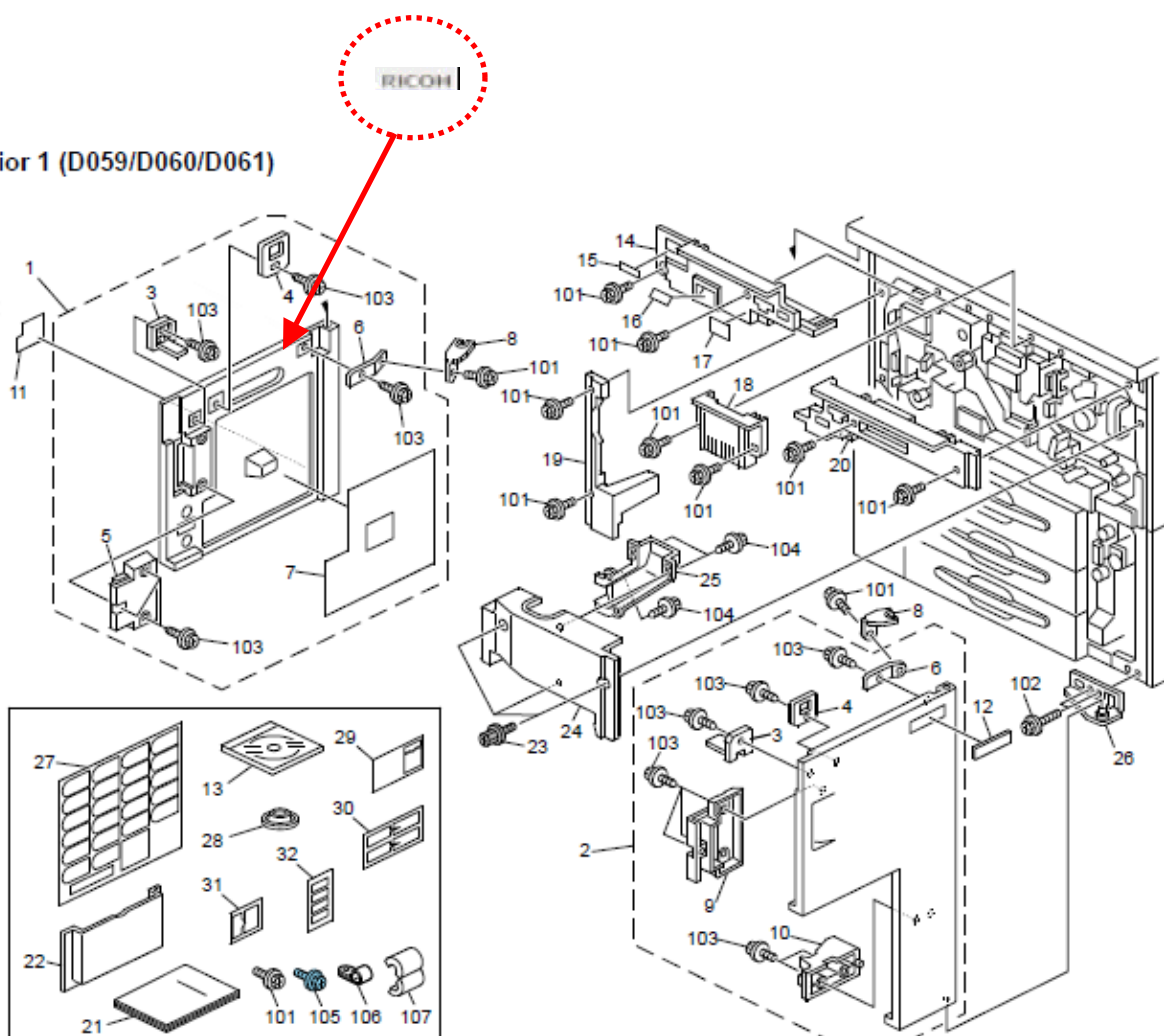


Model: Katana-C2 (D059/D060/D061)		Date: 18-Nov-10	No.: RD059065
Subject: RICOH emblem included as accessory		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper 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:** Ricoh emblem has been included as an accessory.

New Part Number	Description	Q'ty	Int	Page	Index	Note
G1781615	PANEL:LOGO:RICOH	1		19	33	Add

## 1.Exterior 1 (D059/D060/D061)



Reissued:24-Nov-10

Model: Katana-C1/C1.5/ <b>C2/P1</b>	Date: 18-Nov-10	No.: RM002017a
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## RTB Reissue

Models were added.

Subject: Part Changes – Duplex Unit		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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:** Shape of the part

**Reason:** Higher reliability; to prevent breakage of the gear in the duplex unit

### Model: Katana-C1/C1.5 (B234/B235/B236/D101/D102/D103)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
B2344502	B2344510	DUPLEX UNIT:ASS'Y	1	X/O	121	*	
B2344631	D0594632	BRACKET:SUPPORT:POSITIONING PIN:MAIN	1	X/X	129	14	

### Model: Katana-C2 (D059/D060/D061)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0594880	D0594870	DUPLEX UNIT:ASS'Y	1	X/O	133	*	
B2344631	D0594632	BRACKET:SUPPORT:POSITIONING PIN:MAIN	1	X/X	141	23	

### Model: Katana-P1 (M002/M003/M004)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0594880	D0594870	DUPLEX UNIT:ASS'Y	1	X/O	105	*	
B2344631	D0594632	BRACKET:SUPPORT:POSITIONING PIN:MAIN	1	X/X	113	23	

The support bracket has been modified (B2344631 → D0594632) to prevent the possible breakage of the gear, which has also been modified for higher durability (B2344649 → D0594649).

The duplex unit has also changed its p/n accordingly with this modification.

## NOTE

- Replace the gear (B2344649) with the modified gear (D0594649) if it breaks. If the breakage were to recur, please replace the duplex unit with the modified duplex unit installed with the NEW support bracket.
- The NEW support bracket (D0594632) cannot be installed in the old duplex unit (X/X).

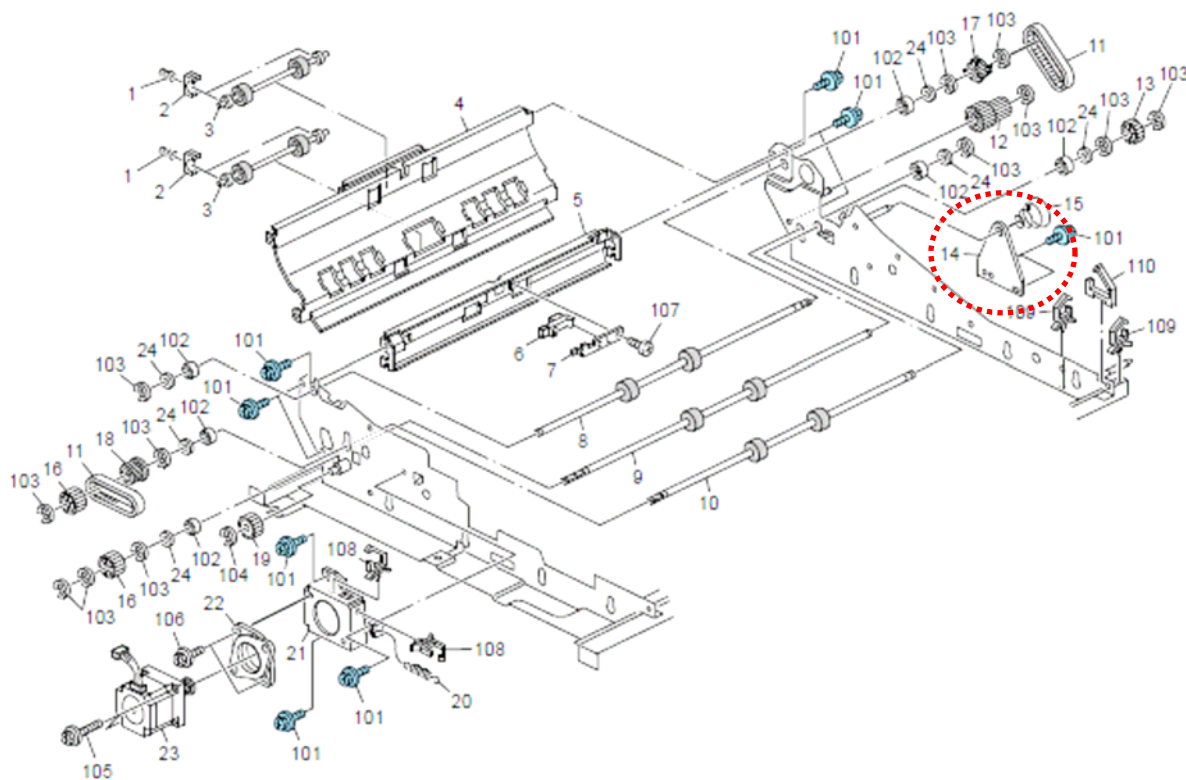
Reissued:24-Nov-10

Model: Katana-C1/C1.5/**C2/P1**

Date: 18-Nov-10

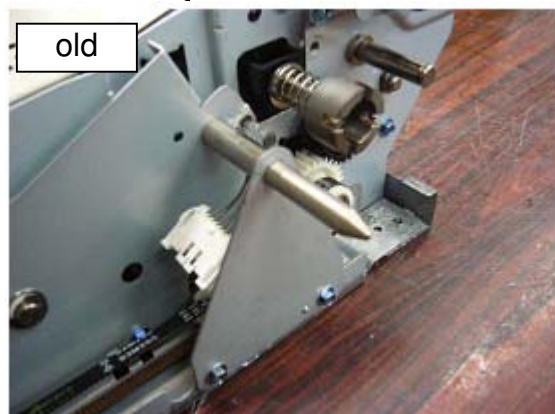
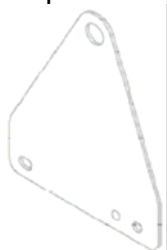
No.: RM002017a

## 57.Duplex Unit 5 (B234/B235/B236/D101/D102/D103)

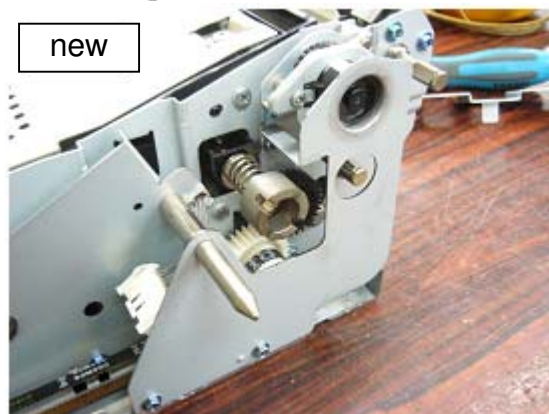
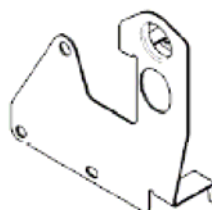


### Support Bracket:

Old p/n: B2344631



New p/n: D0594632



Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059066
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-145CO1.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-145CO1.exe	<ul style="list-style-type: none"> <li>When "Multi fold" is set, the remaining paper is not delivered to the Folding Unit Tray automatically</li> <li>Individual print jobs cannot be canceled successfully in a multi-job group.</li> <li>Unable to add a scan user to the address book.</li> <li>600DPI screen enhancement.</li> </ul>

### Prerequisite(s):

**Non**

### Patch Update Procedure

- Execute **1-145CO1.exe** and follow the instructions in the Fiery Patch Downloader
- Notes about the Fiery Patch Downloader
  - Login must be **admin**. This is fixed and cannot be modified.
  - Password is the Fiery administrator login password
  - Hostname can be either the IP address or the Fiery server name.
- After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Restart now or Reboot**.
- When the Fiery has come to Idle, verify the patch ID on the System Update Log.
- It should contain the patch number **1-145CO1**.

Note 1: When executing **1-145CO1.exe**, if you choose **Restart later** when prompted by the Fiery Patch Downloader, please make sure you manually reboot the server for changes to take effect.

Note 2: This patch is Exclusive which means it must be installed independently and the server rebooted/restarted once. After which, other patches can be applied to the server.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059067
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Part information <input type="checkbox"/> Action required		
	<input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision		
	<input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information		
	<input type="checkbox"/> Product Safety <input checked="" type="checkbox"/> Other (      )		

This RTB is the release note for Patch File **1-14XOVT.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-14XOVT.exe	<p>This is a composite patch that fixes multiple issues.</p> <ol style="list-style-type: none"> <li>1. Job starts when PB interposer tray is opened.</li> <li>2. Add binding ring comb is not displayed with 99 page ring job.</li> <li>3. The controller displays "Printing" forever when "Chapter" and "Staple" are set.</li> <li>4. The error occurs during a copy when "Ring Bind" is printed.</li> <li>5. Flashing Data in is finished with DSV job after scan.</li> <li>6. Media server file size is wrong. Media server does not output anything.</li> <li>7. Force print of Multi-half fold shows Printing after outputs.</li> <li>8. Email does not send with Fiery address book.</li> <li>9. Data in green does not disappear after printing configuration page.</li> </ol>

### Prerequisite(s):

- **1-145CO1.exe**

### Patch Update Procedure

1. Execute **1-14XOVT.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-14XOVT**.

Note : This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server **Reboot** is sufficient for all patches to take effect on the system.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059068
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-14PYLO.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-14PYLO.exe	An error occurs when canceling a job that has been merged using the Doc Merge feature.

### **Prerequisite(s):**

**None**

### **Patch Update Procedure**

1. Execute **1-14PYLO.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number 1-14PYLO.

Note : This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server **Reboot** is sufficient for all patches to take effect on the system.



Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059069
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-157PGK.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-157PGK.exe	After the subset staple job is printed, CWS and the copier LCD display "Printing" indefinitely. It takes about 20 seconds every time the output shifts between stapled and non-stapled.

**Prerequisite(s):**

- **1-145CO1.exe**
- **1-14XOVT.exe**

**Patch Update Procedure**

1. Execute **1-157PGK.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-157PGK**.

Note 1: When executing **1-157PGK.exe**, if you choose **Restart later** when prompted by the Fiery Patch Downloader, please make sure you manually reboot the server for changes to take effect.

Note 2: This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server reboot/restart is sufficient for all patches to take effect on the system.



Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059070
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-153TTL.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-153TTL.exe	Constrain dialog box appears with Resolution: 1200dpi and Text/Graphics Quality: Best.

### Prerequisite(s):

- **1-145CO1.exe**
- **1-14XOVT.exe**

### Patch Update Procedure

1. Execute **1-153TTL.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-153TTL**.

Note : This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server **Reboot** is sufficient for all patches to take effect on the system.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059071
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-15V8R5.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-15V8R5.exe	Gradient is not smooth when the customer test file is printed with default settings.

**Prerequisite(s):**

- **1-145CO1.exe**
- **1-14XOVT.exe**

**Patch Update Procedure**

1. Execute **1-15V8R5.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-15V8R5**.

Note : This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server **Reboot** is sufficient for all patches to take effect on the system.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059072
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-15EE3G.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-15EE3G.exe	The Word document cannot be scaled properly.

### Prerequisite(s):

- **1-145CO1.exe**
- **1-14XOVT.exe**

### Patch Update Procedure

1. Execute **1-15EE3G.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-15EE3G**.

Note : This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server **Reboot** is sufficient for all patches to take effect on the system.

### Note:

It is necessary to apply both this patch and driver "**PostScript3 Driver Ver.1.0.2**" to fix this problem.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059073
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-153TUS.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-153TUS.exe	Some paper sizes in consumables of Command Workstation 5 are displayed incorrectly. Printing hangs when a subset staple job is printed to the stacker output tray. The print job still prints even if User Authentication is set on the Engine side.

### Prerequisite(s):

- **1-145CO1.exe**
- **1-14XOVT.exe**

### Additional Patch Information

Do not install any of the following patches after installing patch 1-153TUS:

- 1-157PGK

If you are required to install any of the above patches, do so before installing patch 1-153TUS.

### Patch Update Procedure

1. Execute **1-153TUS.exe** and follow the instructions in the Fiery Patch Downloader
2. Notes about the Fiery Patch Downloader
  - a. User must be **admin**. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password
  - c. Hostname can be either the IP address or the Fiery server name.
3. After the patch is downloaded, and when prompted by Fiery Patch Downloader, choose **Reboot**.
4. When the Fiery has come to Idle, verify the System Updates Log section in the configuration page.
5. It should contain the patch number **1-153TUS**.

Note 1: When executing **1-153TUS.exe**, if you choose **Restart later** when prompted by the Fiery Patch Downloader, please make sure you manually reboot the server for changes to take effect.

Note 2: This patch is not Exclusive which means that it can be applied to the server along with other patches concurrently and only one server reboot/restart is sufficient for all patches to take effect on the system.

Model: Katana-C2 EFI (EB-1357)	Date: 06-Dec-10	No.: RD059073
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**Known Issues**

- If the paper size is custom for that engine, then the paper size may or may not show up with correct string on CWS 5. Most likely they will see the dimensions of the paper in inches / mm (e.g. 10.00in x 15.00in). This is expected behavior for custom paper sizes.
- Some sizes that are not custom have different translations in Paper Catalogue than in video, in this case the paper catalogue translations will be used, so it will not match PPD string. For example, 11x17 will show Tabloid). This is a limitation in the paper catalogue architecture and cannot be fixed in the current architecture.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059074
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-16PKKP.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-16PKKP.exe	The whole job prints from the same input tray even though different input trays are specified.

### Prerequisite(s):

1. This patch is not exclusive, it can be applied to the server along with other patches concurrently, and one server reboot or restart is sufficient for all patches to take effect on the system.
2. If any prerequisites listed below, they must be installed in the order specified before applying the "**1-16PKKP.exe**" patch:

- **1-145CO1.exe**
- **1-14XOVT.exe**

### Patch Update Procedure

1. Make sure the Fiery is idle.
2. Execute **1-16PKKP.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Login must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be either the IP address or the Fiery server name.
4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Restart now or Reboot. (*If you choose to Restart later, make sure you manually reboot the server for changes to take effect*)
5. Wait until the Fiery comes to Idle and print the configuration page.
6. Verify that the **Update Info** section contains the patch number **1-16PKKP.exe**.

Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 06-Dec-10	No.: RD059075
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG QA/Service Planning 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

This RTB is the release note for Patch File **1-17NDET.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-17NDET.exe	Constraints not allow to ring binding with Thick 2 paper (same behavior as Thick 3)

### Prerequisite(s):

- This patch is not exclusive, it can be applied to the server along with other patches concurrently, and one server reboot or restart is sufficient for all patches to take effect on the system.
- If any prerequisites listed below, they must be installed in the order specified before applying the "**1-17NDET.exe**" patch:
  - 1-145CO1.exe**
  - 1-14XOVT.exe**
  - 1-153TUS.exe**
- Do **NOT** install any of the following patch(es) after installing the **1-17NDET.exe** patch. If you are required to install any of the patch(es) below, do so before installing the **1-17NDET.exe** patch:
  - 1-15EE3G**
  - 1-153TTL**
  - 1-157PGK**
- In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

### Patch Update Procedure

- Make sure the Fiery is idle.
- Execute **1-17NDET.exe** and follow the instructions in the Fiery Patch Downloader.
- Notes about the Fiery Patch Downloader
  - Login must be admin. This is fixed and cannot be modified.
  - Password is the Fiery administrator login password.
  - Hostname can be either the IP address or the Fiery server name.

Model: Katana-C2 EFI (EB-1357)	Date: 06-Dec-10	No.: RD059075
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4. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Restart now or Reboot. (*If you choose to Restart later, make sure you manually reboot the server for changes to take effect*)
5. Wait until the Fiery comes to Idle and print the configuration page.
6. Verify that the Update Info section contains the patch number **1-17NDET.exe**.

**Note:**

**It is necessary to apply both this patch and driver "PostScript3 Driver Ver.1.0.3" (Windows) or PPD Installer "Ver.1.0.3" (Mac OSX) to fix this problem.**



Model: <b>Katana-C2 EFI (EB-1357)</b>		Date: 09-Dec-10	No.: RD059076
Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG Service Planning 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

This RTB is the release note for Patch File **1-18PP10.exe** for Printer controller EB-1357 system version 1.0.

Patch File	Issue(s)
1-18PP10.exe	<ul style="list-style-type: none"> <li>- Print is available when Usercode, Key counter, and Prepaid card are missing.</li> <li>- Printer counter value does not increase correctly when Usercode authentication and External charge unit is set.</li> </ul>

### Prerequisite(s):

1. This patch is not exclusive, it can be applied to the server along with other patches concurrently, and one server reboot or restart is sufficient for all patches to take effect on the system.
2. The prerequisites listed below must be installed in the order specified before the “**1-18PP10.exe**” patch is applied:
  - 1-145CO1.exe
  - 1-14XOVT.exe
  - 1-153TUS.exe
  - 1-17NDET.exe
3. Do NOT install any of the following patch(es) after installing the 1-18PP10.exe patch. If you are required to install any of the patch(es) below, do so before installing the 1-18PP10.exe patch:
  - 1-157PGK.exe
4. In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system

### Patch Update Procedure

1. Make sure the Fiery controller is Idle.
2. Execute **1-18PP10.exe** and follow the instructions in the Fiery Patch Downloader.
3. Notes about the Fiery Patch Downloader
  - a. Login must be admin. This is fixed and cannot be modified.
  - b. Password is the Fiery administrator login password.
  - c. Hostname can be either the IP address or the Fiery server name.

Model: <b>Katana-C2 EFI (EB-1357)</b>	Date: 09-Dec-10	No.: RD059076
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4. Before rebooting the system, to ensure that the patch file is completely processed, please wait up to 60 seconds until the file is done processing.
5. After the patch file is done processing, when prompted by the Fiery Patch Downloader, choose Reboot. *(If you choose to Restart later, make sure you manually reboot the server for changes to take effect.)*
6. Wait until the Fiery controller comes to Idle and print the configuration page.
7. Verify that the **System Updates Log** lists the patch number **1-18PP10**.

**Reissued: 25-Feb-11**

Model: Katana-C2 EFI v1.1(EB-1357)	Date: 25-Nov-10	No.: RD059077a
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Release of Color Controller EB-1357 Ver.1.1 (with system software Ver.1.1)		Prepared by: S.Ishibashi	
From: PPBG Service Planning 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

***This RTB was issued under an incorrect numbering system and has been deleted.  
The same information has been newly issued as RTB RD473004.***

Model: Katana-C2 (D059/D060/D061)		Date: 15-Dec-10	No.: RD059078
Subject: Part Changes – Duplex Unit		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other (      ) <input type="checkbox"/> Tier 2		

**Change:** Shape of the part

**Reason:** Higher reliability; to prevent breakage of the gear in the duplex unit

**Model: Katana-C2 (D059/D060/D061)**

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0594880	D0594870	DUPLEX UNIT:ASS'Y	1	X/O	133	*	
B2344631	D0594632	BRACKET:SUPPORT:POSITIONING PIN:MAIN	1	X/X	141	23	

The support bracket has been modified (B2344631 → D0594632) to prevent the possible breakage of the gear, which has also been modified for higher durability (B2344649 → D0594649).

The duplex unit also has a new p/n because of this modification.

**NOTE**

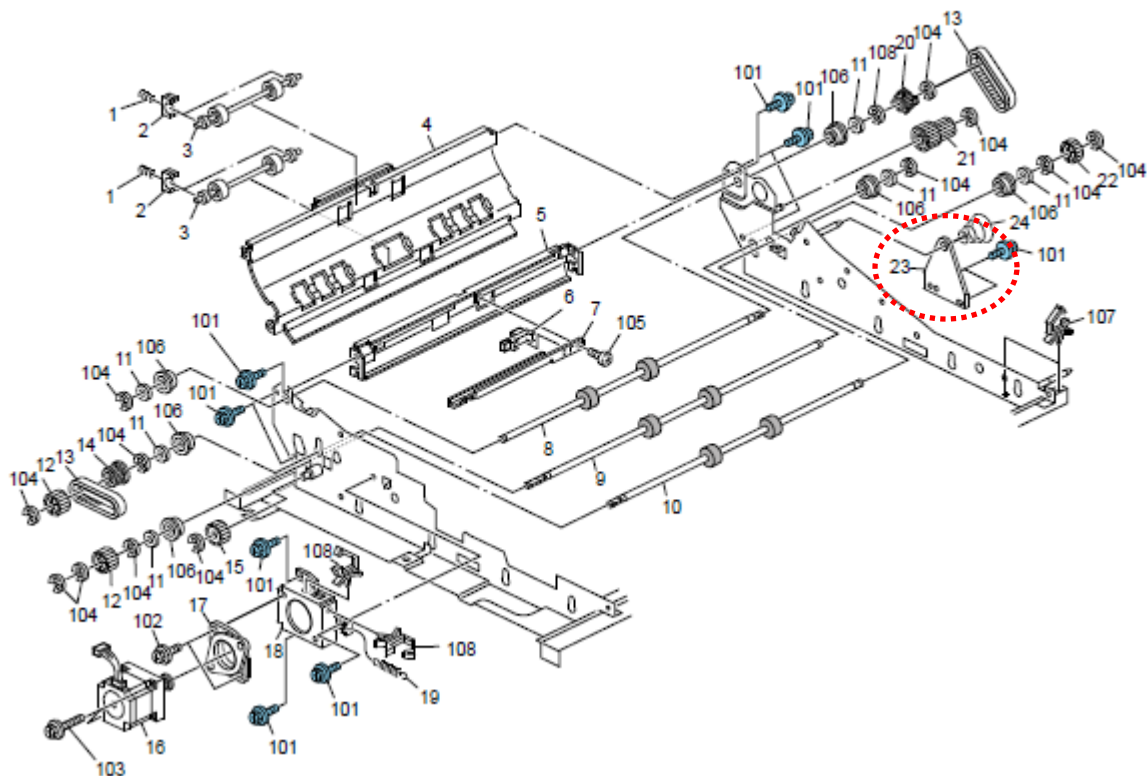
- This modification also applies to Katana-C1/1.5, P1. Please refer to the corresponding RTB.
- Replace the gear (B2344649) with the modified gear (D0594649) if it breaks. If the breakage were to recur, please replace the duplex unit with the modified duplex unit installed with the NEW support bracket.
- The NEW support bracket (D0594632) cannot be installed on the old duplex unit (X/X).

Model: Katana-C2 (D059/D060/D061)

Date: 15-Dec-10

No.: RD059078

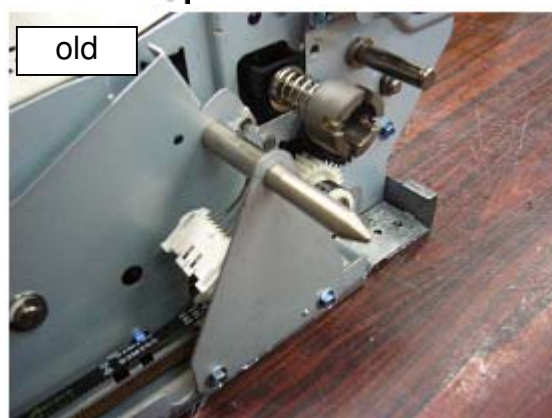
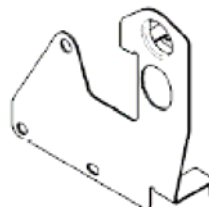
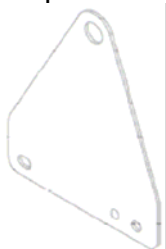
## 62.Duplex Unit 5 (D059/D060/D061)



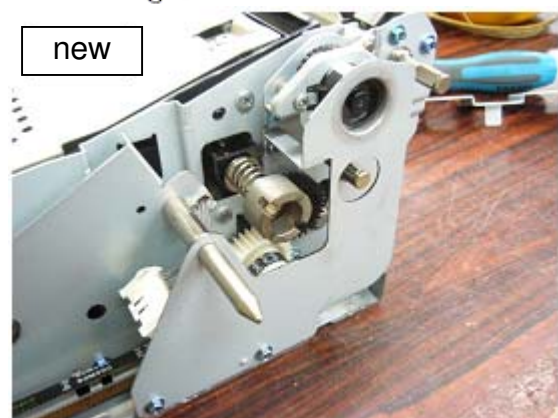
### Support Bracket:

Old p/n: B2344631

New p/n: D0594632



old



new

Model: Bellini-C4(Katana-C2)		Date: 28-Dec-10	No.: RD059079
Subject: Service Manual Correction – Tray Heaters		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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"/> Tier2

Please apply the following corrections to your service manual.

## Location of the Incorrect Description

Installation > Main Machine > Installation > Connecting the Tray Heaters of the Main Machine

### Connecting the Tray Heaters of the Main Machine

The machine comes from the factory with the tray heaters ~~already installed but disconnected~~. Tray heater connection is optional. The heaters should be connected if the location has high humidity.

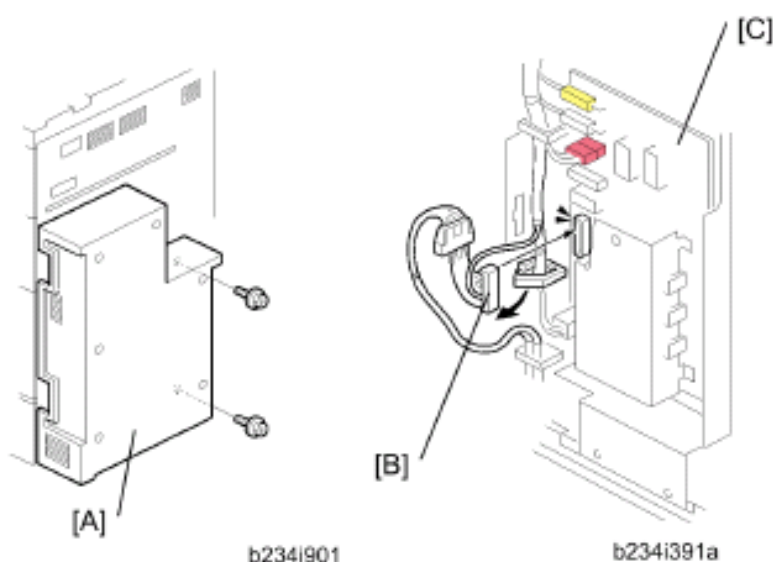
Consult with the customer before connecting the tray heaters.

Doing this procedure connects the following anti-condensation heaters inside the main machine at the following locations:

- One unit below the transfer unit (if installed)
- Two units in the paper tray unit (if installed)
- One unit in the scanner unit (if installed)
- One unit in the LCIT (if installed)

without

installation



b234i901

b234i391a

1. Switch off the main power switch and disconnect the power cord from the power source.
2. Open the PSU box [A] (⌀ x 2).

#### To set the connector

1. Connect the white connector [B] to CN602 on the AC drive board [C].

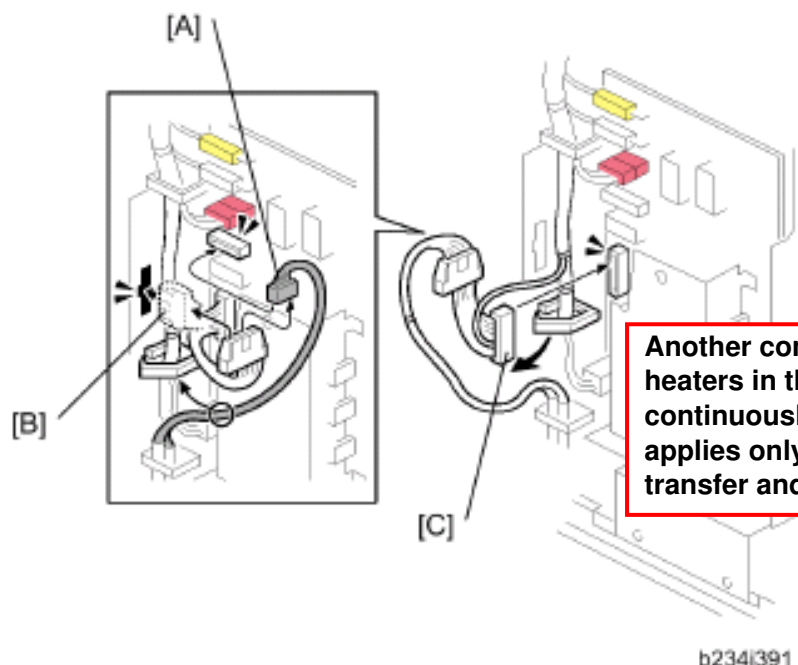
## Note

- Connect the large connector clamped beneath the board.
- ~~• This step is not required if the LCIT anti condensation heater will be connected.~~

### To supply power 24 hours a day

Doing the connection in the previous procedure assures that power is supplied to the machine for the heaters even after the main machine is switched off ~~with the main power switch (for example, in auto off mode).~~ However, with only this connection, the heaters do not operate while the main machine is operating.

Another connection can be done so the heaters in the paper tray unit will ~~switch on and off while the main machine is operating. This connection will also allow the LCIT heater (option) to operate while the main machine is switched off with the main power switch (for example, in auto off mode). In energy saver and low power modes, the heaters switch off.~~



Another connection can be done so that the heaters in the paper tray will stay on continuously. The 24 hours a day connection applies only to the tray heaters, not to the transfer and scanner units.

1. Remove the small connector [A] from the relay connector, then connect it to connector CN606.
2. Clamp the relay connector [B] to bracket of the AC drive board.
3. Connect the large connector [C] to connector CN602 as described in the previous procedure.

b234i391

**Reissued: 25-Feb-11**

Model: Katana-C2 EFI v1.1(EB-1357)	Date: 28-Dec-10	No.: RD059080a
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Firmware Release Note: System EFI		Prepared by: S.Ishibashi	
From: PPBG Service Planning 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

***This RTB was issued under an incorrect numbering system and has been deleted.  
The same information has been newly issued as RTB RD473005.***



Model: Bellini-C4(Katana-C2)		Date: 23-Feb-11	No.: RD059081
Subject: Addition of supported optional devices for e-STUDIO905 / 1105 / 1355		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
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"/> Tier2

**This RTB is targeted only for the NA market.**

This RTB has been issued to announce the installation procedure of the following devices that have been newly launched for the Toshiba Katana-C2 (e-STUDIO905 / e-STUDIO1105 / e-STUDIO1355) for security enhancement.

- HDD Encryption Unit Type A
- Copy Data Security Unit Type F
- File Format Converter Type C
- External HDD Security Kit Type 1357

## NOTE

This RTB does not include the installation procedure for the External HDD Security Kit Type 1357 because this is a local product of RAC.

**Installation > MFP Options > HDD Encryption Unit Type A (D377-16)****HDD Encryption Unit Type A (D377-16)****Accessories**

Check the quantity and condition of the accessories in the box against the following illustration and list.

No.	Description	Q'ty
1.	SD Card	1

**Before You Begin the Procedure**

1. Make sure that the following settings are not at the factory default settings:

- Supervisor login password
- Administrator login name
- Administrator login password

**Note**

- These settings must be set up by the customer before the encryption option can be installed.

2. Confirm that "Admin. Authentication" is on:

[User Tools]> "System Settings"> "Administrator Tools"> "Administrator Authentication Management"> "Admin. Authentication"> "On"

If this setting is "Off" tell the customer that this setting must be "On" before you can do the installation procedure.

3. Confirm that "Administrator Tools" is selected and enabled:

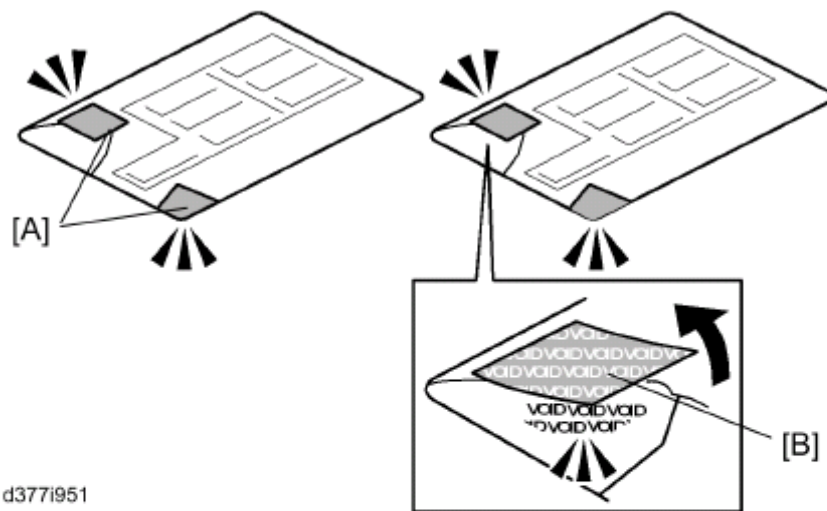
[User Tools]> "System Settings"> "Administrator Tools"> "Administrator Authentication Management"> "Available Settings"

**Note**

- "Available Settings" is not displayed until "Admin. Authentication" is switched on.

If this setting is not selected tell the customer that this setting must be selected before you can do the installation procedure.

### Seal Check and Removal



d377i951

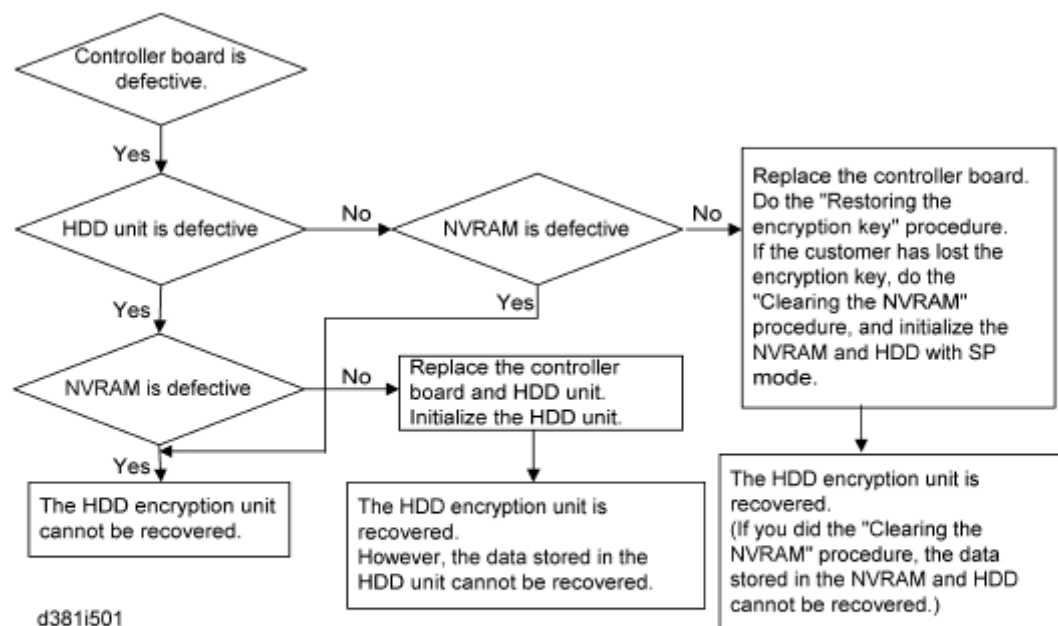
### ⚠ CAUTION

- You must check the box seals to make sure that they were not removed after the items were sealed in the box at the factory before you do the installation.
1. Check the box seals [A] on each corner of the box.
    - Make sure that a tape is attached to each corner.
    - The surfaces of the tapes must be blank. If you see "VOID" on the tapes, do not install the components in the box.
  2. If the surfaces of the tapes do not show "VOID", remove them from the corners of the box.
  3. You can see the "VOID" marks [B] when you remove each seal. In this condition, they cannot be attached to the box again.

### Installation Procedure

1. Remove the SD card slot cover (⑧ x 1).
2. Insert the SD in SD Slot 1.
3. Turn on the main power switch.
4. Enter the SP mode.
5. Select SP5878-2 (Option Setup – Encryption Option), and then touch [Execute].
6. Turn off the main power switch.
7. Remove the SD card.
8. Attach the slot cover [A] (⑧ x 1).
9. Switch the machine on.

### Recovery from a Device Problem



### Restoring the encryption key

When replacing the controller board for a model in which the HDD encryption unit has been installed, updating the encryption key is required.

1. Prepare an SD card which is initialized.
2. Make the "restore\_key" folder in the SD card.
3. Make an "nvram\_key.txt" file in the "restore\_key" folder in the SD card.
4. Ask an administrator to input the encryption key (this has been printed out earlier by the user) into the "nvram\_key.txt" file.
5. Remove only the HDD unit.
6. Turn on the main power switch.
7. Confirm that the prompt on the LCD tells you to install the SD card (storing the encryption key) in the machine.
8. Turn off the main power switch.
9. Insert the SD card that contains the encryption key into slot 2.
10. Turn on the main power switch, and the machine automatically restores the encryption key in the flash memory on the controller board.
11. Turn off the main power switch after the machine has returned to normal status.
12. Remove the SD card from slot 2.
13. Reinstall the HDD unit.

**Clearing the NVRAM**

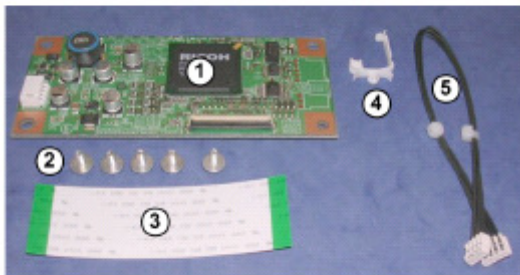
When replacing the controller board for a model in which the HDD encryption unit has been installed and a customer has lost the encryption key, clearing the NVRAM is required to recover the HDD encryption unit.

1. Prepare an SD card which is initialized.
2. Make the "restore\_key" folder in the SD card.
3. Make an "nvram\_key.txt" file in the "restore\_key" folder in the SD card.
4. Input "nvclear" into the "nvram\_key.txt" file.
5. Turn on the main power switch.
6. Confirm that the prompt on the LCD tells you to install the SD card (storing the encryption key) in the machine.
7. Turn off the main power switch.
8. Insert the SD card that contains "nvclear" into slot 2.
9. Turn on the main power switch, and the machine automatically restores the encryption key in the flash memory on the controller board.
10. Turn off the main power switch after the machine has returned to normal status.
11. Remove the SD card from slot 2.
12. Turn on the main power switch.
13. Initialize the NVRAM (SP5801-1) and HDD unit (SP5832-1) with SP mode.
14. The user must enable the HDD encryption unit with a user tool.

**Installation > MFP Options > Copy Data Security Unit Type F (B829-07)**

**Copy Data Security Unit Type F (B829-07)**

**Accessories**



b829i001

No.	Description	Q'ty
1.	Copy Data Security Unit Type F (B829-07)	1

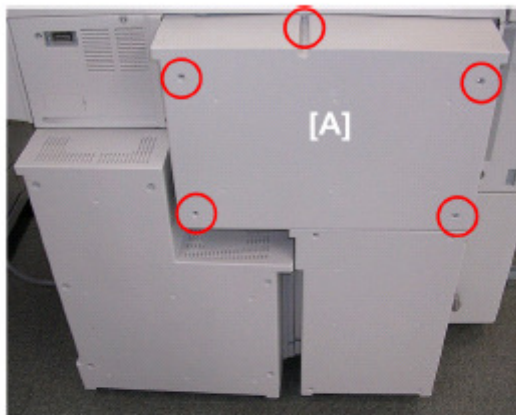
No.	Description	Q'ty
2.	Screws	5
3.	FFC	1
4.	Harness Clamp	1
5.	Harness	1

**★ Important**

- For this installation you need only items (1) and (2) (2 x2).

## Installation

### Board Attachment



b828i002

1. Remove cover [A] (⚙ x5).



b829i003

2. The board connector is at [A] to the left of the HDD unit [B].
3. Attach the board [C] to the connector and fasten (⚙ x2).

### Do the Setup Procedure

1. Switch the machine on.
2. Login in as the System Administrator.
3. Push [User Tools].
4. Touch "System Settings".
5. Touch "Administrator Tools".
6. Touch next 2 or 3 times until you see "Data Security for Copying".
7. Touch "ON".
8. Touch "OK" to enable the setting.

### ★ Important

- Before removing the ICIB-2 board, repeat the setup procedure above and set "Data Security for Copying" to "OFF".
- The machine will issue an SC error if the machine is powered on with the ICIB-2 removed and the "Data Security for Copying" feature set to "ON".



## Installation > MFP Options > File Format Converter Type C (D377-04)

### File Format Converter Type C (D377-04)

#### Accessories

No.	Description	Q'ty
1.	File Format Converter (MLB: Media Link Board)	1

#### Installation

1. Switch the machine off.
2. Remove the cover of Slot A (8 x 2).
3. Insert the file format converter board into Slot A and fasten it with the screws.
4. Switch the machine on.
5. Set SP5836-3 to "1" to enable the print backup feature.
6. Confirm or set the following SP codes with the values in the table listed below.

SP No.	Setting	SP No.	Setting
5-836-1	1	5-836-73	0
5-836-2	0	5-836-85	1
5-836-3	1	5-836-86	2
5-836-72	0	5-836-91	50

7. Set the following SP codes according to the customer's needs.

SP No.	Setting	Comment
SP5-836-94	2	Selects JPEG2000 file format for documents copied from the document server to Palm2. <b>Note:</b> Files backed up to Palm2 in J2K format cannot be edited by other software applications.
	0	Selects the TIFF file format for documents copied from the document server to Palm2. <b>Note:</b> Select this so the backed up files can be used with other software applications (editing, OCR, etc.) with only slight loss in image quality.
SP-5836-98	1	Applies dot correction and eliminates ghost images transferred from the back sides of double-sided originals when files are copied to Palm2. This selection also reduces the size of the file. <b>Note:</b> This function is applied to both J2K and TIFF files and is particularly useful for copying large J2K documents quickly with only a slight loss in image quality.
	0	Does not apply the features of the "1" setting when files are copied to Palm2. <b>Note:</b> This setting preserves the quality of the original image, especially with J2K files, but also requires more time for copying and requires more disk space to store the larger files.



Model: Katana-C2 (D059/D060/D061)		Date: 25-Mar-11	No.: RD059082
Subject: Change in Harness (between SIB and BICU)		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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:** Separation of harness

**Reason:** To prevent SC144

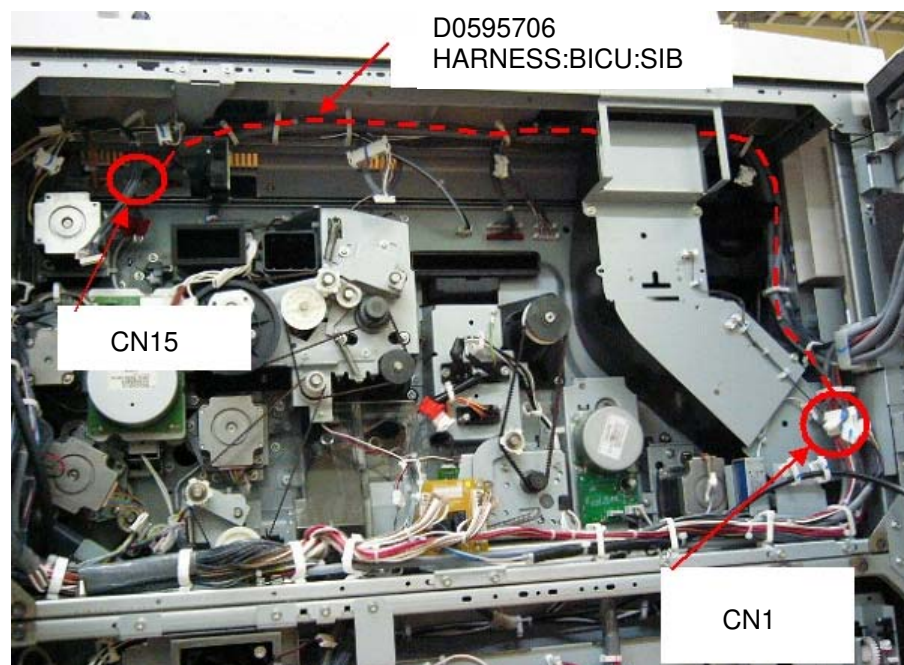
Old Part Number	New Part Number	Description	Q'ty	Int		Page	Index	Note
D0595650	D0595705	HARNESS:MAIN:LEFT	1	O/O	as a set	171	15	
	D0595706	HARNESS:BICU:SIB	1			171	19	Add

The bundled harness (D0595705 routing between CN1~CN15) could generate high noise level and result in SC144.

Dividing this harness into two separate harnesses reduces the noise level and lowers the chances of generating SC144.

## NOTE

- The modified harness (D0595705) is routed in the same location as the previous harness.

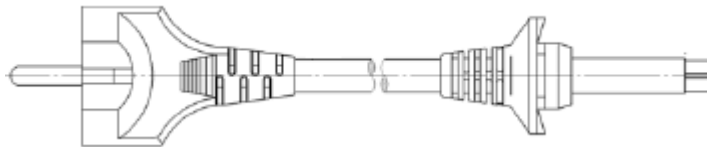


Model: Katana-C2 (D059/D060/D061)		Date: 25-Mar-11	No.: RD059083
Subject: Addition of EU power cord		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input 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:** A part was added

**Reason:** The power supply cord for EU was missing from the Parts Catalog.

New Part Number	Description	Q'ty	Page	Index	Note
AZ000110	POWER SUPPLY CORD EU 16A	1	175	1	Add



**Reissued: 29-Sep-2011**

Model: Katana-C2(Bellini-C4)	Date: 25-Mar-11	No.: RD059084a
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**RTB Reissue**

The items in bold italics have been corrected.

Subject: Parts Catalog Correction		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other (      )	<input type="checkbox"/> Tier2

**Change/Reason:** The part number in the Parts Catalog was corrected.

Incorrect part number	Correct part number	Incorrect description	Correct description	Int	Q'ty	Page	Index	Note
D0595230	D0595507	PCB:BICU:ASS'Y	PCB:B-C4A:SERVICE:ASS'Y	X/O	1	169	1	For 90ppm
D0595230	D0605507	PCB:BICU:ASS'Y	PCB:B-C4B:SERVICE:ASS'Y	X/O	1	169	1	For 110ppm
D0595230	D0615507	PCB:BICU:ASS'Y	PCB:B-C4C:SERVICE:ASS'Y	X/O	1	169	1	For 135ppm

***Please disregard all of the above information.***

***The part number of the “PCB: BICU: Ass’y” described in the parts catalog has not changed and remains as “D0595230”.***

Model: Katana-C2(Bellini-C4)		Date: 25-Mar-11	No.: RD059085
Subject: Parts Catalog Correction		Prepared by: T.Mimura	
From: PP Service Planning Department 1G			
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"/> Tier2

**Change/Reason:** Missing part number has been added..

New part number	Description	Int	Q'ty	Page	Index	Note
AX440243	HEATER - 208V/600W	-	1	121	15	For 135ppm

Model: Katana-C2/P1 (Bellini-C4/P1)		Date: 01-Apr-11	No.: RD059086
Subject: Engine Log Capture Tool / Procedures		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
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

## Summary

Detailed information on the machine status was not available for engine related issues. A debug cable for log capturing will be distributed to the field to enable collection of such data for log analysis.

## Part information

The debug cable is common with the Aegis-P1/C1.

Description: Debug cable

p/n: G1785397



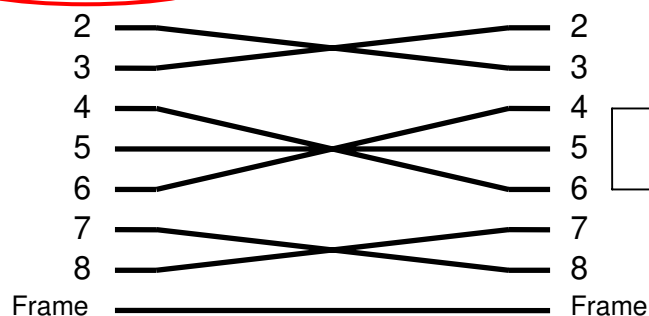
G1785397 Debug cable

## Required Equipment

- Serial Cross Cable (D-sub 9pin)
- Serial RS232C to USB Converter

Choose the correct connector type for the PC.

DB9 male / female



Debug Cable  
G1785397



Serial Cross cable (D-sub 9pin)



Serial RS232C to USB Converter

Model: Katana-C2/P1 (Bellini-C4/P1)

Date: 01-Apr-11

No.: RD059086

NOTE: A USB converter is not required if the PC is equipped with a serial port.

## Basic Idea of Log Capturing

The Katana engine runs on one CPU.

(Therefore unlike the Aegis, log capturing from both Master and Slave is not required.)

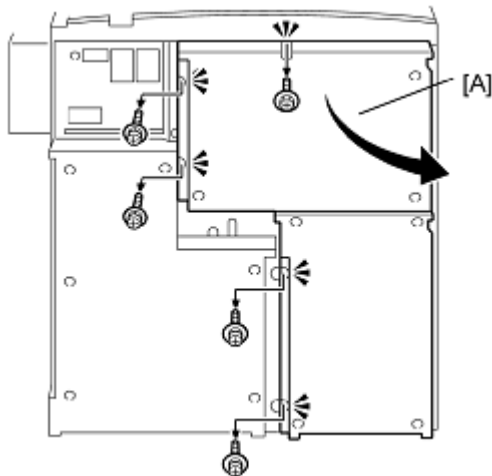
**IMPORTANT:** Entire logs from the beginning of the job until the symptom occurrence are required for log analysis.

## Overall Workflow

1. Connect the Debug cable.
2. Set up Tera Term and start the log capturing. (Tera Term is free software.)
3. Start the job.
4. Wait until the expected symptom occurs.
5. Stop the log capturing process.
6. Disconnect the cable.

## Connecting the Debug cable

1. Remove the screws. (x5)
2. Swing open the controller box [A] in the direction of the arrow.



Model: Katana-C2/P1 (Bellini-C4/P1)

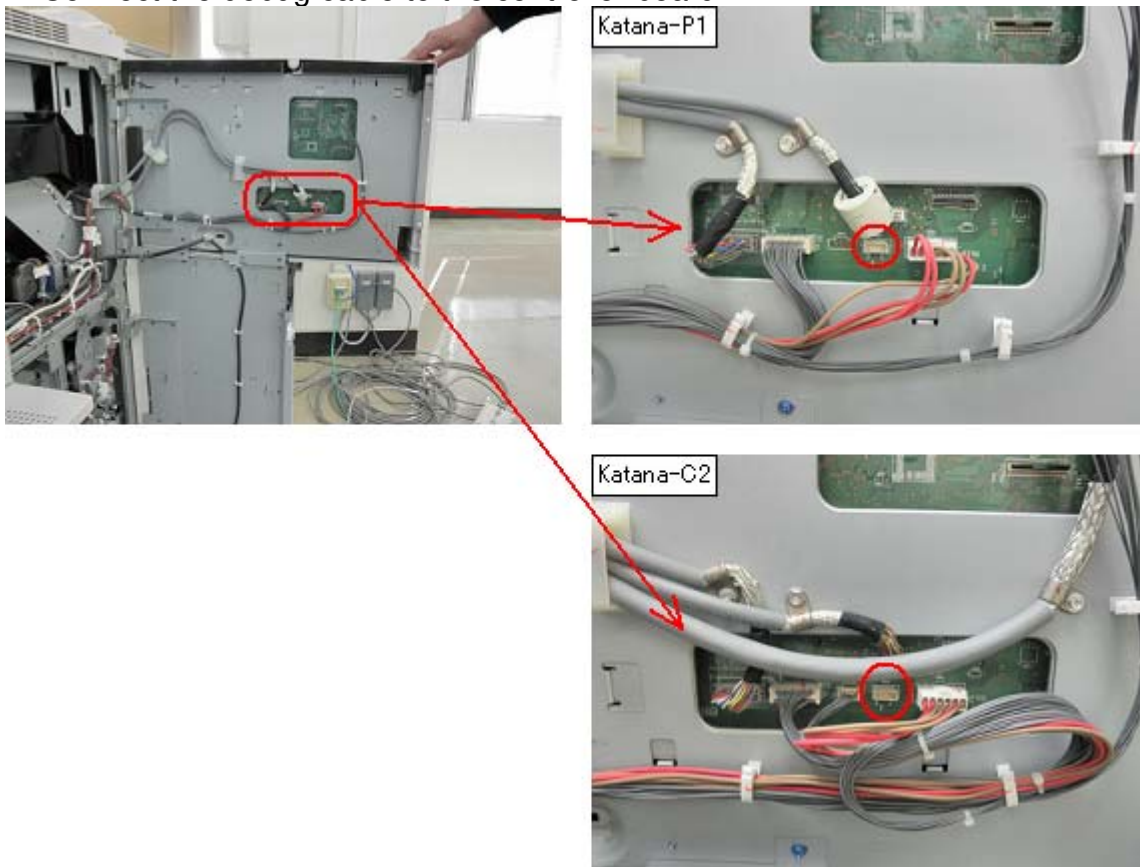
Date: 01-Apr-11

No.: RD059086

3. Remove the screws. (x4)



4. Connect the debug cable to the controller board.



5. Connect the other end of the debug cable to the serial port or to the USB port on the PC using a USB-serial conversion cable.



## Setting up Tera Term (Log Monitor)

1. Activate Tera Term.
2. Open "Terminal setup" by selecting [Setup] > [Terminal], and specify the settings as shown below.

Terminal Size : under ( 80 x25 )  
 New Line : Transmit CR+LF  
 Local echo : Check box on  
 Kanji(receive) : SJIS  
 Kanji(trasmit) : SJIS

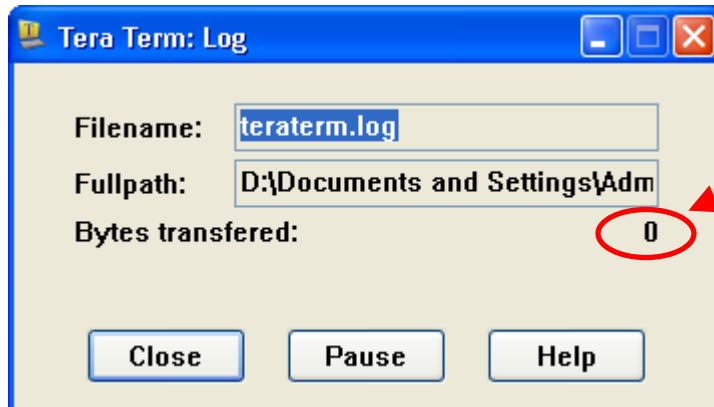
3. Open "Serial port setup" by selecting [setup] > [Serial port], and specify the settings as shown below.

Port : COMx  
 (x : check COM# with Device Manger of PC )  
 Baud rate : 57600  
 Data : 8bit  
 Stop : 1 bit  
 Parity : none  
 Flow control : none  
 Transmit delay : 10 msec/char



## Capturing the Logs

1. Select [File] > select [Log], type in the file name, and click [Open].  
A pop-up window will appear.  
Save the file name as "xxx.txt" or "xxx.log".
2. Start the job.



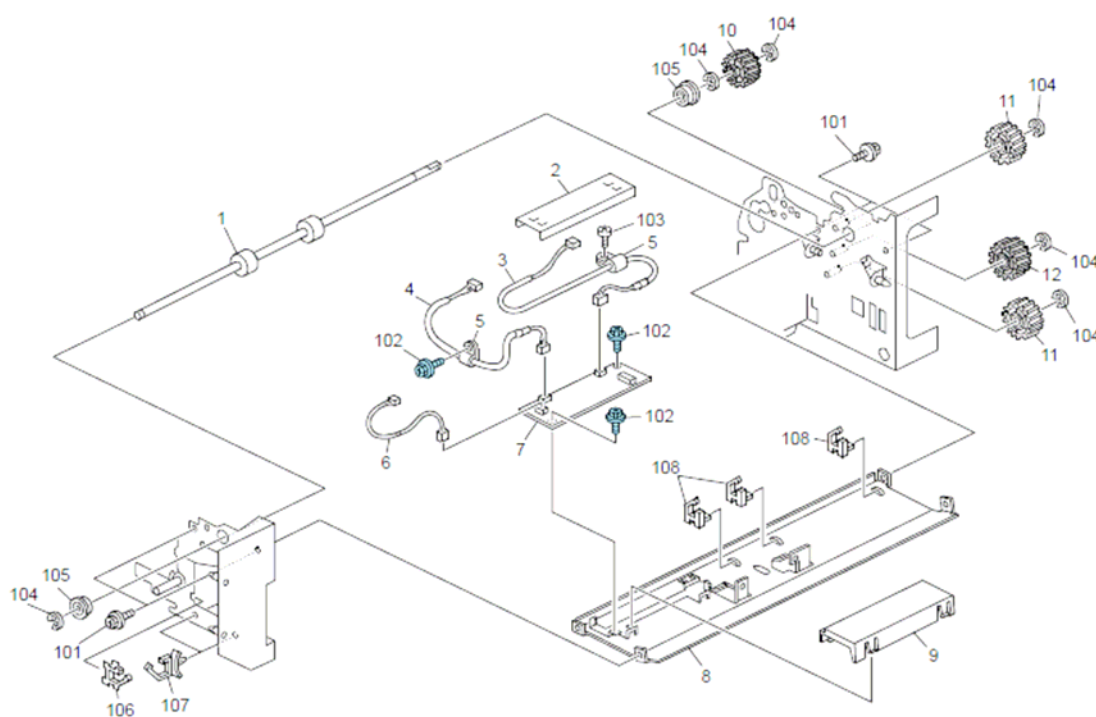
Ensure that bytes are counted up during the log capturing process.

3. Wait until the expected symptom occurs.
4. If the expected symptom occurs, type "log" in the Debug monitor and press the "Enter" key. This will enable capturing of further detailed information on the symptom. (This is not a mandatory procedure.)
5. Click [Close] in the "Tera Term Log" window.

Model: Katana-C2 (D059/D060/D061)		Date: 22-Apr-10	No.: RD059087
Subject: Parts Catalog Correction		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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 parts were missing from the parts catalog.

New Part Number	Description	Q'ty	Page	Index	Note
D0590671	TRANSPORT ROLLER:LARGE CAPACITY TRAY:EXIT:DRIVE	1	85	1	
D0592768	GUIDE PLATE:LARGE CAPACITY TRAY:EXIT:UPPER:ASS'Y	1	85	8	



## 34.Paper Registration 3 (D059/D060/D061)

Index No.	Part No.	Description	Index No.	Part No.	Description	Q'ty Per Assembly
2	B234 2795	Sheet:Cover:Harness	1	D059 0671	Transport Roller:Large Capacity Tray: Exit:Drive	1
3	D059 5677	Cable:URB:Transmitter:Connecting	2	B234 2795	Sheet:Cover:Harness	1
4	D059 5678	Cable:URB:Receiver:Connecting	3	D059 5677	Cable:URB:Transmitter:Connecting	1
5	D059 2612	Harness Clamp:Earth:2.0	4	D059 5678	Cable:URB:Receiver:Connecting	1
6	D059 5676	Harness:Registration Sensor:Connecting	5	D059 2612	Harness Clamp:Earth:2.0	2
7	D059 5750	PCB:URB	6	D059 5676	Harness:Registration Sensor:Connecting	1
9	D059 2765	Cover:URB:Double Feed Sensor	7	D059 5752	PCB:URB	1
10	AB01 1503	Gear - 30Z	8	D059 2768	Guide Plate:Large Capacity Tray: Exit:Upper:Ass'y	1
11	AB01 1505	Gear - 35Z	9	D059 2765	Cover:URB:Double Feed Sensor	1
12	AB01 1504	Gear - 33Z	10	AB01 1503	Gear - 30Z	1
			11	AB01 1505	Gear - 35Z	2
			12	AB01 1504	Gear - 33Z	1

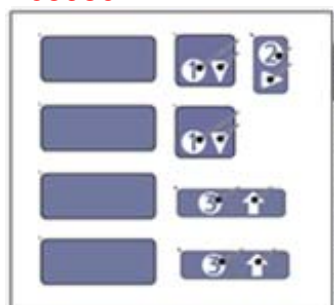
Model: Katana-C2 (D059/D060/D061)		Date: 22-Apr-11	No.: RD059088
Subject: Part Changes – Combined decals		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other (      ) <input type="checkbox"/> Tier 2		

**Change/Reason:** We have combined four decals into one.

**Model: Katana-C2 (D059/D060/D061)**

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
B2343592	-	DECAL:POSITIONING DISPLAY:1	1	O/O	107	6	
			1	O/O	243	52	
B2343644	-	DECAL:CASE:MIDDLE:CLEANIN G	1	O/O	107	5	
			1	O/O	243	54	
B2343654	-	DECAL:POSITIONING DISPLAY:2	1	O/O	107	3	
			1	O/O	243	55	
B2343655	-	DECAL:POSITIONING DISPLAY:3	1	O/O	107	4	
			1	O/O	243	56	
	D0593644	DECAL:POSITIONING DISPLAY:CLEANING	1		107	19	Add

**D0593644**



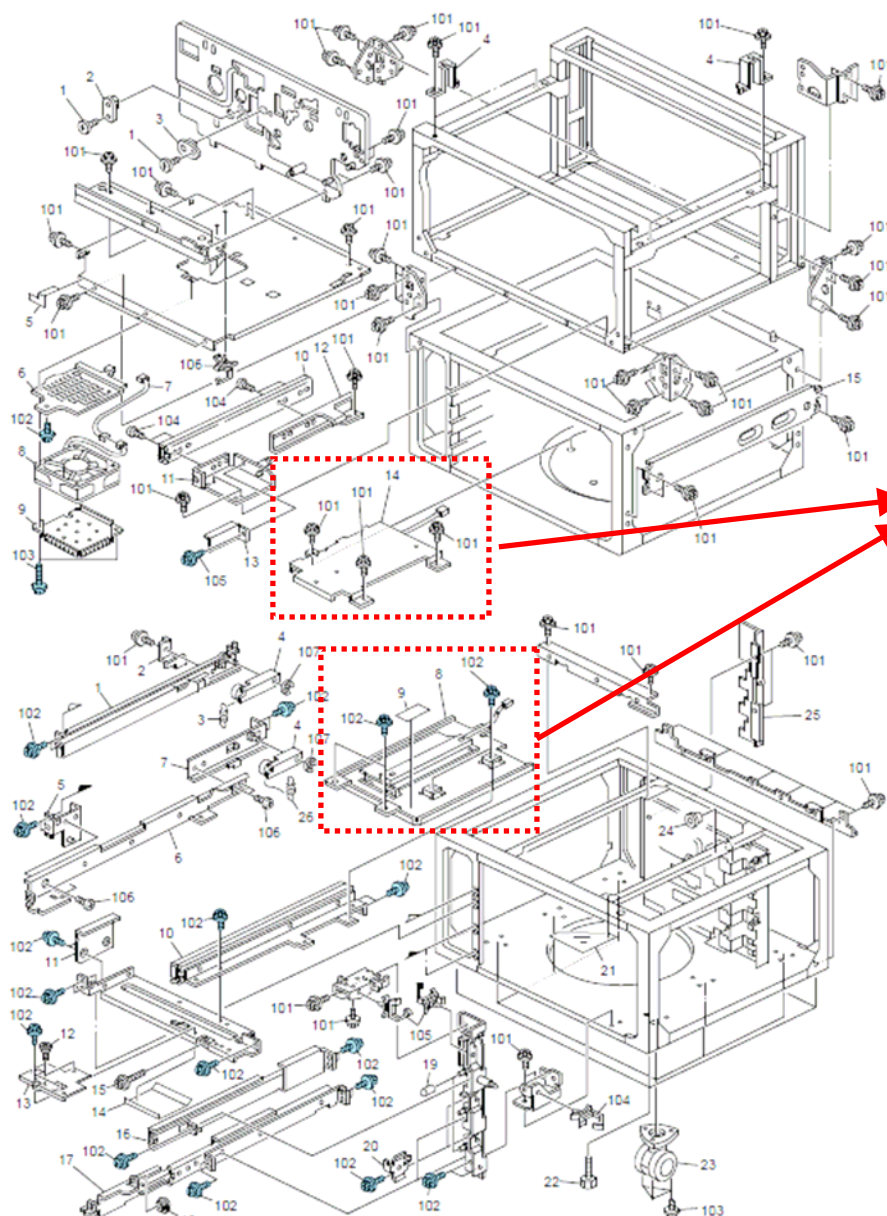
**NOTE**

This modification has also applied to Katana-C1/C1.5 (B234/B235/B236/D101/D102/D103).  
 Whichever the machine is, please order D0593644 when needing these decals.

Model: Katana-C2 (D059/D060/D061)		Date: 22-Apr-11	No.: RD059089
Subject: Addition of the part number for tray heaters ASS'Y		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
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:** We have added the part number for the tray heaters.

New Part Number	Description	Q'ty	Page	Index	Note
D0596070	HEATER:PAPER BANK:ASS'Y	1	187	16	Add



**D0596070**  
 Ordering this p/n, we  
 can have all parts  
 needed when installing  
 the tray heaters.

Page 187  
 index 14, 101

Page 189  
 index 8, 9, 102

Model: Katana-C2 (D059/D060/D061)		Date: 26-May-11	No.: RD059090
Subject: Parts Change – URB & Double Feed Sensor		Prepared by: T. Komori	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other (      ) <input type="checkbox"/> Tier 2		

**Change:** Double feed sensor and URB

**Reason:** To prevent false “double feed” detection

Old Part Number	New Part Number	Description	Q'ty	Int		Page	Index	Note
D0595750 (D0595752) (D0595753)	D0595755	PCB:URB	1	X/X	as a set	85	7	
D0592559	D0592691	DOUBLE FEED SENSOR:BC-4	2	X/X		83	6	
	D0592639	COVER:HARNESS:SENSOR	1			83	23	Add
D0592636	D0592634	BRACKET:LED:GASKET:ASS'Y	1	X/X		83	13	
	D0592550	DOUBLE FEED SENSOR:BC-4:SERVICE	1			83	24	Add

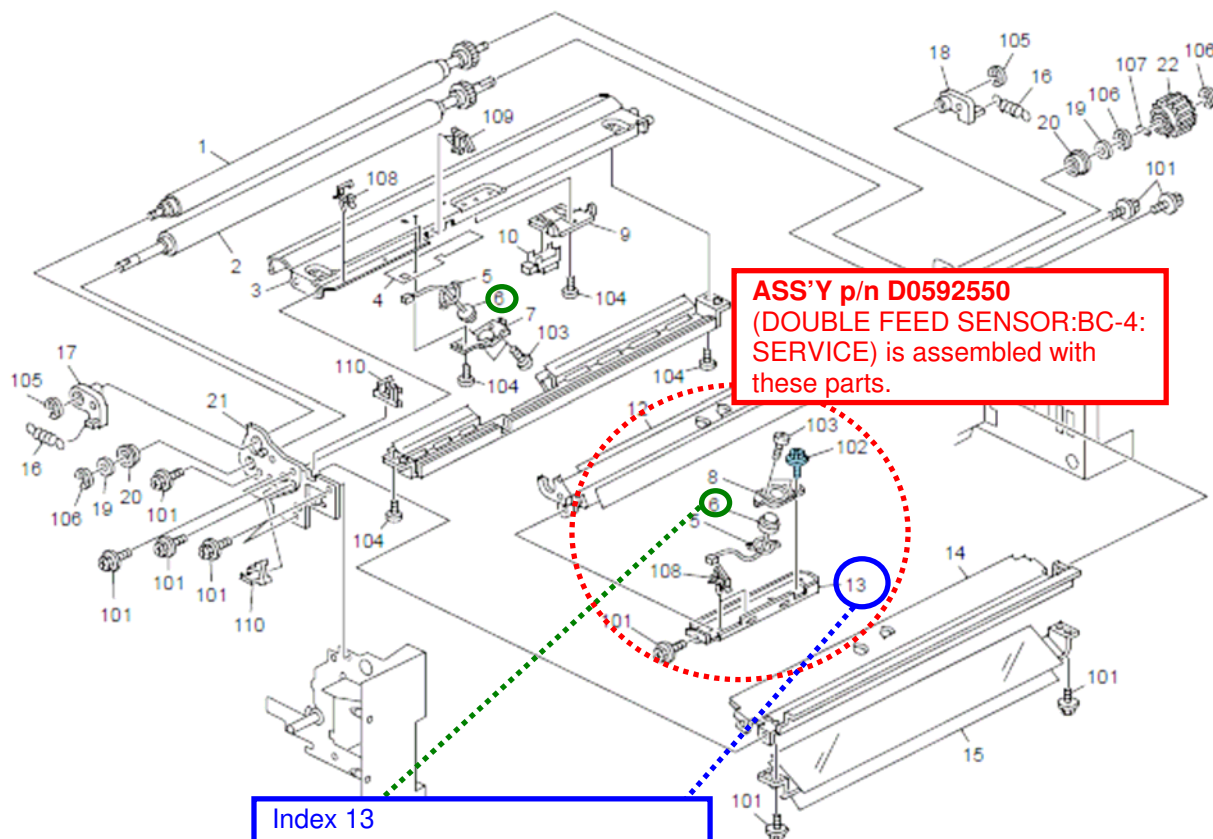
The old double feed sensor could falsely detect “double feeds” due to an insufficient output level. The sensor and the URB have been modified to eliminate noise, allowing higher accuracy in detection.

## Note

1. If a replacement is required for a URB registered with the p/n D0595750, D0595752 or D0595753, it must be replaced with D0595755 as a set either by ordering the relative parts (D0592691, D0592639, and D0592634) or by ordering an assembly part D0592550 which includes all the necessary components; URB, sensor, cables, clamps, and screws.
2. This modification is reflected in the production starting from September 2010.
3. This modification also applies to the Bellini-P1 (Katana-P1, M002/M003/M004).

## Katana-C2 Parts Catalog; Page 83

### 33.Paper Registration 2 (D059/D060/D061)



**ASS'Y p/n D0592550**  
(DOUBLE FEED SENSOR:BC-4:  
SERVICE) is assembled with  
these parts.

Index 13  
D0592636 → **D0592634**  
BRACKET:LED:GASKET:ASS'Y

**D0592639**  
COVER:HARNESS:SENSOR

Index 6  
D0592559 → **D0592691**  
DOUBLE FEED SENSOR:BC-4





Model: Katana-C2 (Bellini-C4)		Date: 13-Jul-2011	No.: RD059091
Subject: Service Manual Correction: Perfect Binder PM Yield		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
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"/> Tier2		

Please apply the following corrections to your field service manual in the section:

Preventive Maintenance > PM Tables: Option > Perfect Binder / Inserter > Trimming Unit

## 2. Preventive Maintenance

### Trimming Unit

Part	Interval		Comments
Blade	PM	5.5 K cuts	Set the machine in Replacement Mode for replacement.
Blade Cradle	PM		<b>Note:</b> Blade and cradle are always replaced together.
Signature Exit Sensors (E/R)	Clean	100 K signatures	Jams, sensor adjustment error (if not cleaned)
Trimming Buffer Motor	PM	50 K signatures	
Trimming Catcher	PM	40 K cuts	Set the machine in Replacement Mode for replacement.



Part	Interval		Comments
Blade	PM	40 K cuts	Set the machine in Replacement Mode for replacement.
Trimming Catcher	PM		<b>Note:</b> Blade and Trimming Catcher are always replaced together.
Blade Cradle	PM	5.5 K cuts	
Signature Exit Sensors (E/R)	Clean	100 K signatures	Jams, sensor adjustment error (if not cleaned)
Trimming Buffer Motor	PM	50 K signatures	

Model: Katana-C2 (D059/D060/D061)		Date: 19-Jul-11	No.: RD059092
Subject: [TTEC] Parts Catalog Correction		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
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

Information contained in this RTB applies ONLY to **e-STUDIO905/1105/1355**.

Please do not apply this information to Pro907EX/1107EX/1357EX.

**Change/Reason:** The old part number has been changed, with 3 new part numbers.

Old part number	Description	Q'ty	Int	Page	Index	Note
D0595511	PCB:Type-EX1D:TEC	1	-	167	8	
		1	-	231	*	

New part number	Description	Q'ty	Int	Page	Index	Note
D0595527	PCB:B-C4A:SERVICE:TEC:ASS'Y	1	-	167	8	Type-A
		1	-	231	*	Type-A
D0605527	PCB:B-C4B:SERVICE:TEC:ASS'Y	1	-	167	8	Type-B
		1	-	231	*	Type-B
D0615527	PCB:B-C4C:SERVICE:TEC:ASS'Y	1	-	167	8	Type-C
		1	-	231	*	Type-C



Model: Katana-C2 (D059/D060/D061)		Date: 12-Aug-11	No.: RD059093
Subject: Part Changes – Paper Feed Unit		Prepared by: J. Ohno	
From: PP Service Planning Department 1G			
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:** Shape and position of components in the paper feed unit

**Reason:** Higher reliability; to prevent mis-feed jams in the paper feed unit

**Model: Katana-C2 (D059/D060/D061)**

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0596200	D0596201	PAPER FEED UNIT:PAPER BANK:ASS'Y	3	X/O	73	*	
B2346212	D0596212	REVERSE LEVER	1	X/O	77	12	

Insufficient pressure between the Feed and Reverse rollers could result in mis-feed jams. The shape of the component in the paper feed unit and the reverse lever have been modified, and the Reverse roller has been raised to a slightly higher position to maintain the optimum pressure between the two rollers.

**NOTE**

- This modification also applies to Katana-C1.5, P1. RTBs have been issued for all models respectively.

Model: Katana-C2 (D059/D060/D061)

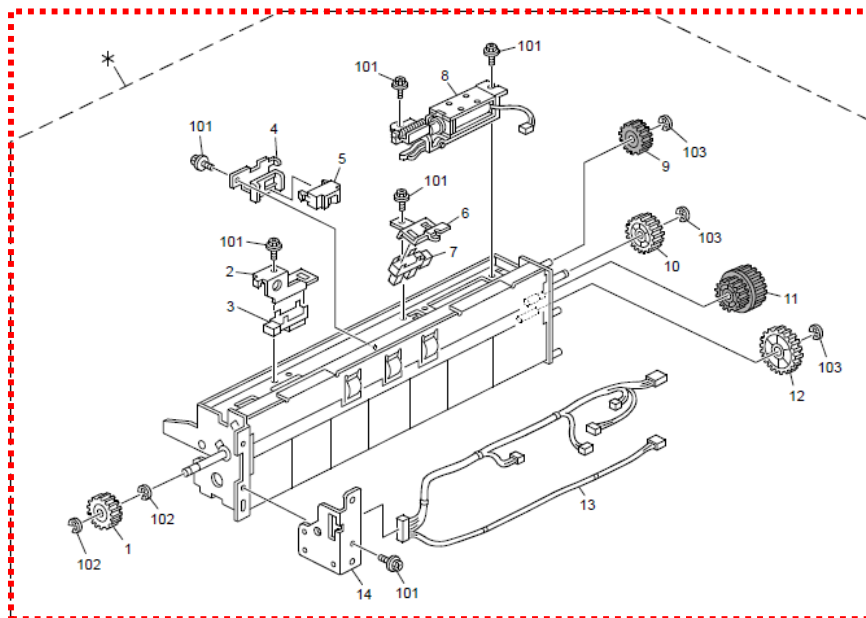
Date: 12-Aug-11

No.: RD059093

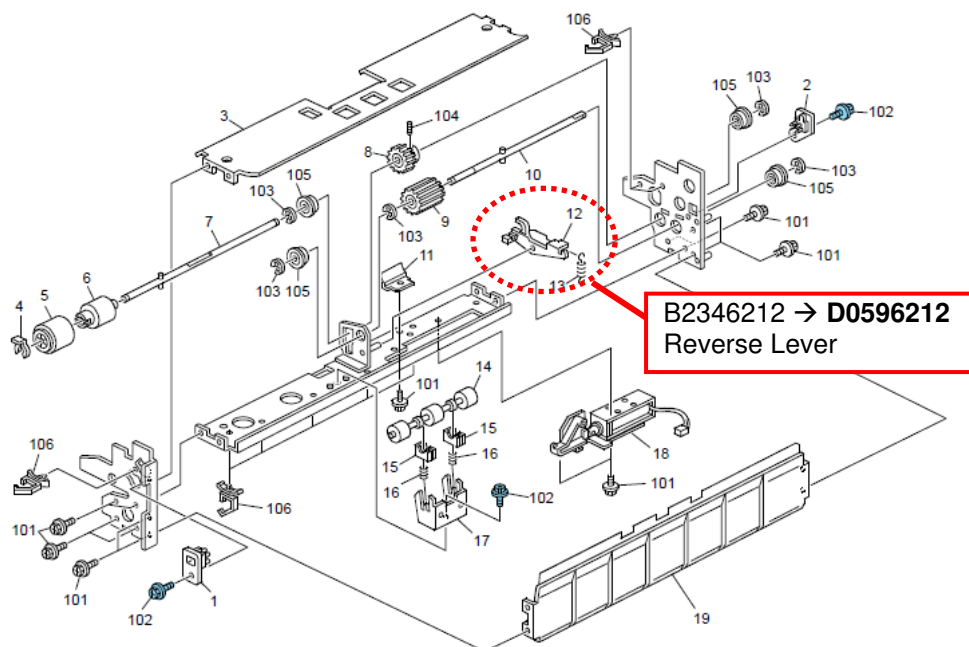
D0596200 → **D0596201**

PAPER FEED UNIT:PAPER BANK:ASS'Y

28.Paper Feed Unit 1 (D059/D060/D061)



30.Paper Feed Unit 3 (D059/D060/D061)



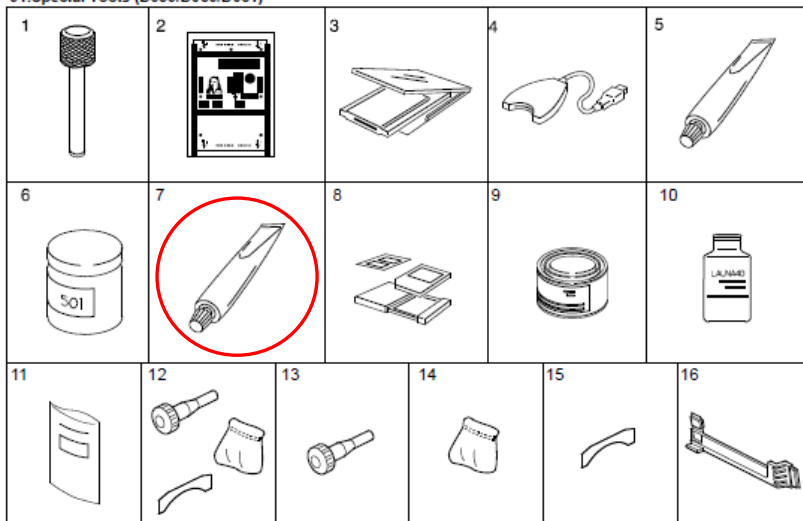
Model: Katana-C2 (Bellini-C4)		Date: 30-Sep-2011	No.: RD059094
Subject: Parts Catalog Correction		Prepared by: M. Abe	
From: PP Service Planning Department 1G			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other (      ) <input type="checkbox"/> Tier2		

Please apply the following correction to your parts catalog.

P/N	Description	Q'ty	Int	Page	Index	Note
G0049668	GREASE: KS660: SHIN-ETSU	1	-	244	7	Delete

Grease"KS660 Shin-Etsu" is unnecessary for machine maintenance in the field.  
Please delete this grease from your parts catalog.

91.Special Tools (D059/D060/D061)



244

91.Special Tools (D059/D060/D061)

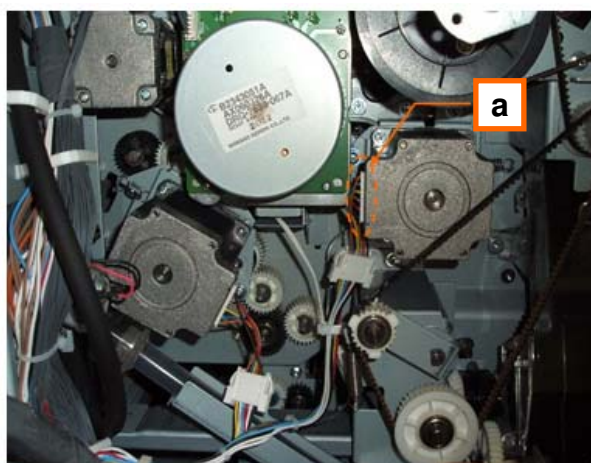
Index No.	Part No.	Description	Q'ty Per Assembly
1	A006 9104	Scanner Positioning Pin (4pcs/set)	1
2	A292 9500	Test Chart - S5S (10 pcs/set)	1
3	B645 6700	SD-Card:Adapter:BN-SDAA2	1
4	B645 6800	SD-Card:USB:Writer:BN-SDCE2	1
5	A257 9300	Grease	1
6	5203 9502	Grease 501	1
7	G004 9668	Grease - KS660 - SHIN-ETSU	1
8	B645 5010	SD-Card:Ass'y	1
9	5447 9078	Heat Resisting Grease MT-78	1
10	5442 9103	Launa Oil 40	1
11	B234 9640	Developer Type 27W BK	1
12	B234 8611	TCRU Operation Kit	1
13	B234 8612	Driver:TCRU	1
14	B234 8614	Setting Powder	1
15	B234 2332	Decal:Knob:English	1
15	B234 2333	Decal:Knob:German	1
15	B234 2334	Decal:Knob:French	1
15	B234 2335	Decal:Knob:Italian	1
15	B234 2336	Decal:Knob:Spanish	1
16	B234 2860	Cleaner:CIS	1

Model: Katana-P1(M002)		Date: 16-Dec-11	No.: RM002021
Subject: Part Changes		Prepared by: A. Takada	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
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

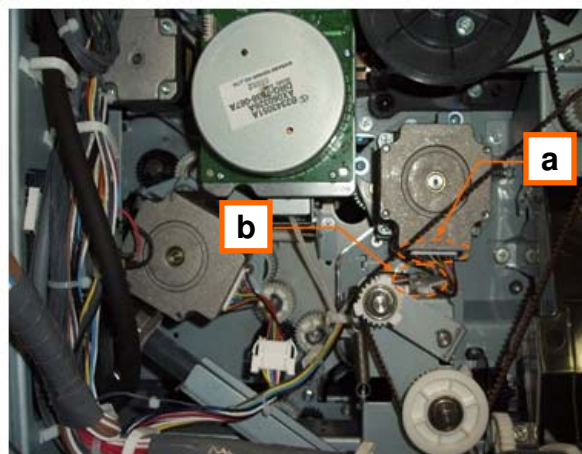
**Change:** a) Orientation of the DC Stepper Motor; 90 degrees counterclockwise  
 b) Addition of a clamp (in accordance with the change in the motor orientation)

**Reason:** To prevent possible damage to the registration motor harnesses

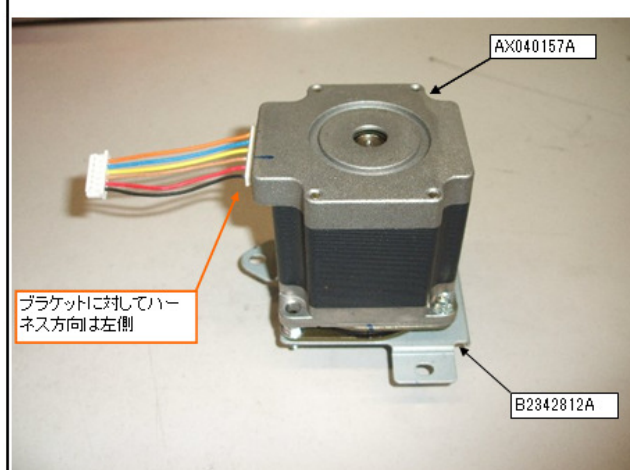
Old



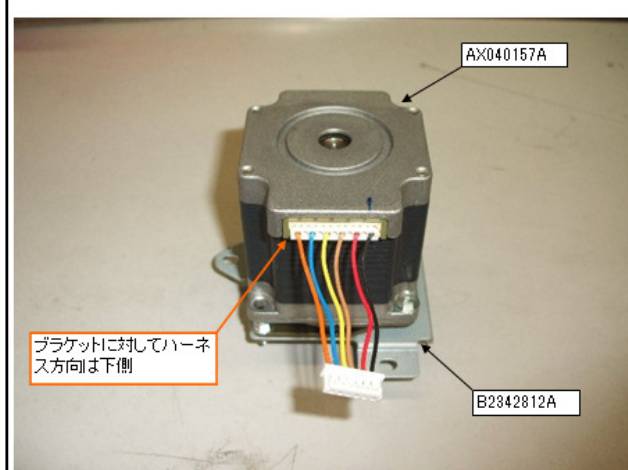
New



B2342811(DC Stopper Motor:Registration:Ass'y)



D0592840(DC Stopper Motor:Registration:Ass'y)



Model: Katana-P1(M002)

Date: 16-Dec-11

No.: RM002021

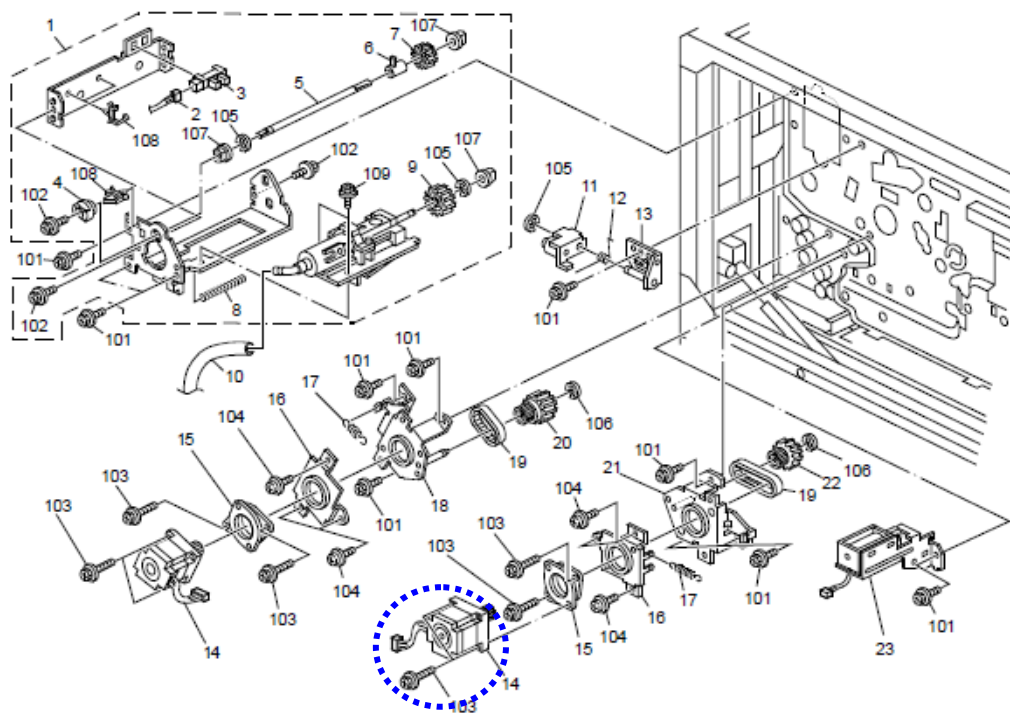
## Katana-P1(M002)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
-	11050516	Clamp	1	-	127	110	-

NOTE: The newly added clamp is immediately below the harness connector of the motor indicated with the blue circle in the diagram below, and attaches to a bracket that is not registered as a service part.

**The modification described in this bulletin also applies to ALL of the Katana Models (B234,B235,B236,D059,D060,D061,D101,D102,D103,M003,M004).**

### 56.Drive Section 5 (M002/M003/M004)





Model: Katana-C2 (D059)		Date: 26-Jan-12	No.: RD059095
Subject: Part Changes - New ball bearings-		Prepared by: A. Takada	
From: PP Service Planning Department 1G			
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:** New ball bearings

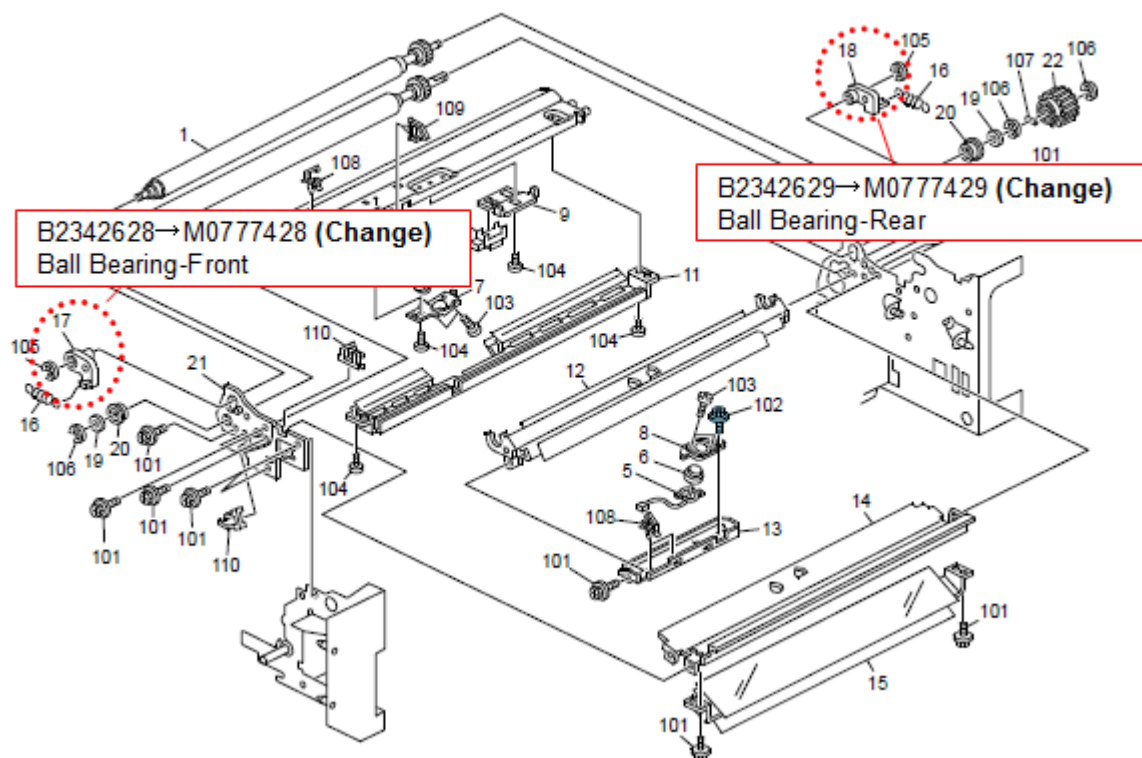
**Reason:** To prevent possible breakage of the ball bearings installed in the transfer timing roller of the registration unit

### Model: Katana-C2 (D059)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
B2342628	M0777428	BALL BEARING :REGISTRATION:DRIVEN:FRONT	1	X/O	82	17	Change
B2342629	M0777429	BALL BEARING :REGISTRATION:DRIVEN:REAR	1	X/O	82	18	Change
-	G0603293	SPACER:6.1X8.5X0.5	2	X/O	83	23	Add

NOTE: When replacing the above parts, replace all 3 parts as a set.

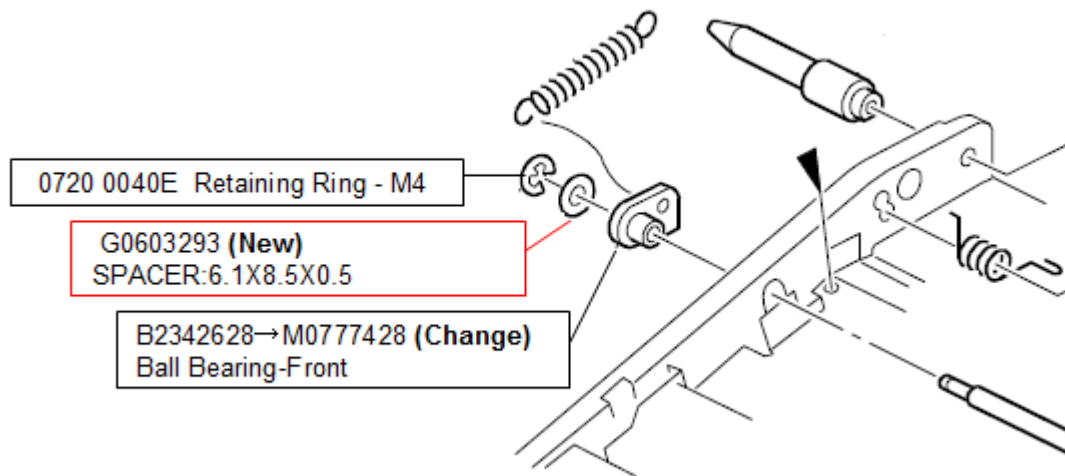
### 33.Paper Registration 2 (D059/D060/D061)



Model: Katana-C2 (D059)

Date: 26-Jan-12

No.: RD059095

**Close up view**


Model: Katana-C2 (D059)		Date: 27-Jan-12	No.: RD059096
Subject: Newly registered service parts in the duplex unit		Prepared by: A. Takada	
From: PP Service Planning Department 1G			
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

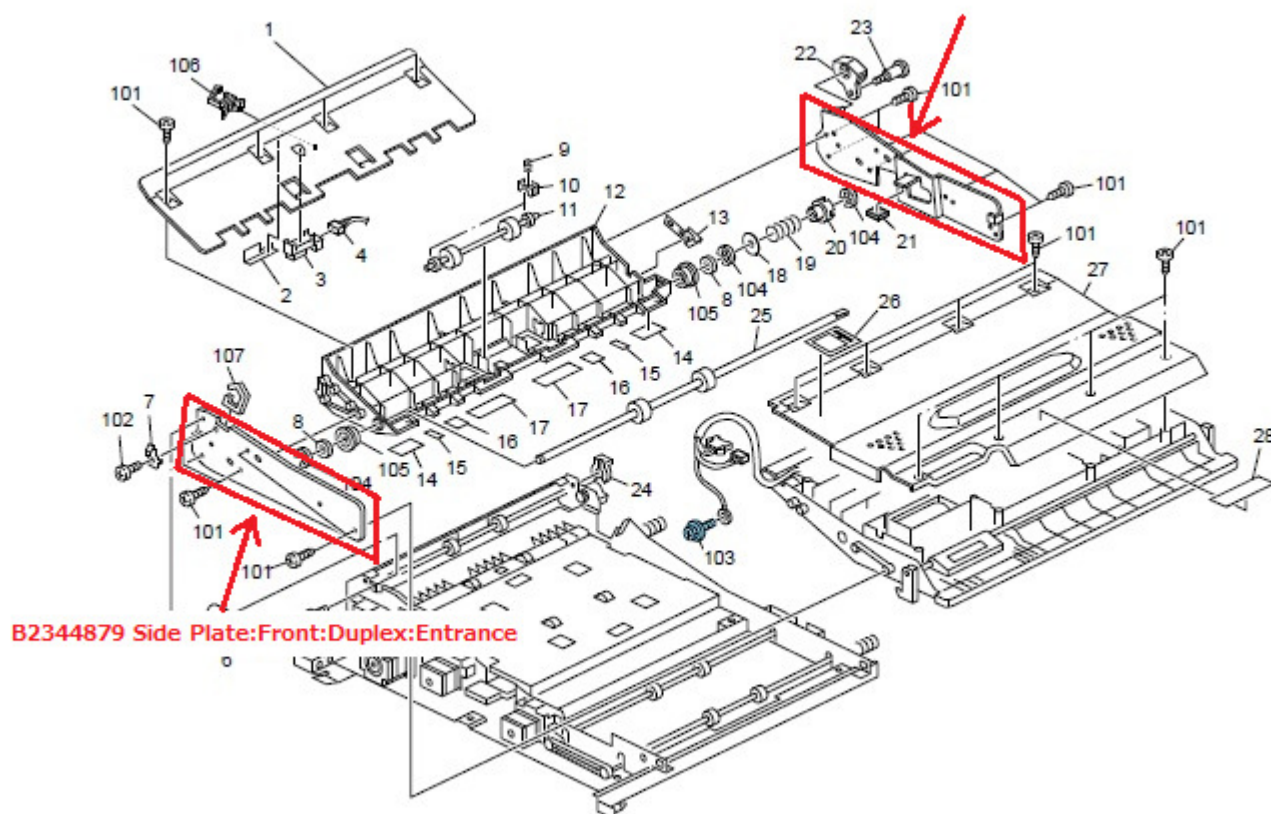
**Change:** Registration of the following two side plates as new service parts

**Reason:** These parts were missing from the Parts Catalog.

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
-	B2344878	Side Plate: Rear: Duplex: Entrance	1	-	135	29	Add
-	B2344879	Side Plate: Front: Duplex: Entrance	1	-	135	30	Add

## 59.Duplex Unit 2 (D059/D060/D061)

**B2344878 Side Plate:Rear:Duplex:Entrance**

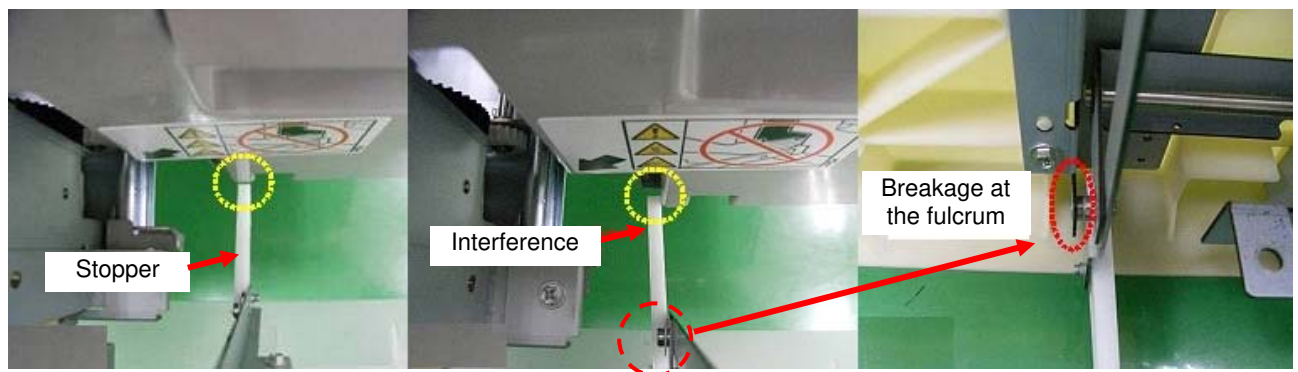




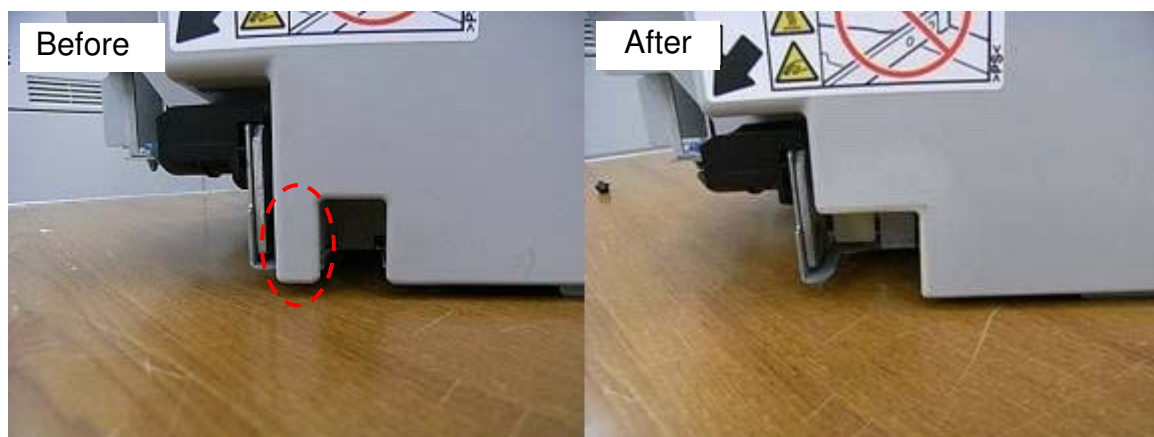
Model: Katana-C2 (Bellini-C4)		Date: 24-Feb-12	No.: RD059097
Subject: Part change - New Tandem Tray Inner Cover		Prepared by: J. Ohno	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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:** Shape of the tandem tray inner cover

**Reason:** When closing the tray, the tip of the white plastic stopper (p/n: D0596702) could interfere with the tandem ray inner cover and damage the fulcrum of the stopper, disabling proper setting of the tray.



The bottom corner of the INNER COVER: TANDEM LCT (indicated with a red circle in the photo below) was cut out to prevent the stopper from interfering.



Model: Katana-C2 (Bellini-C4)

Date: 24-Feb-12

No.: RD059097

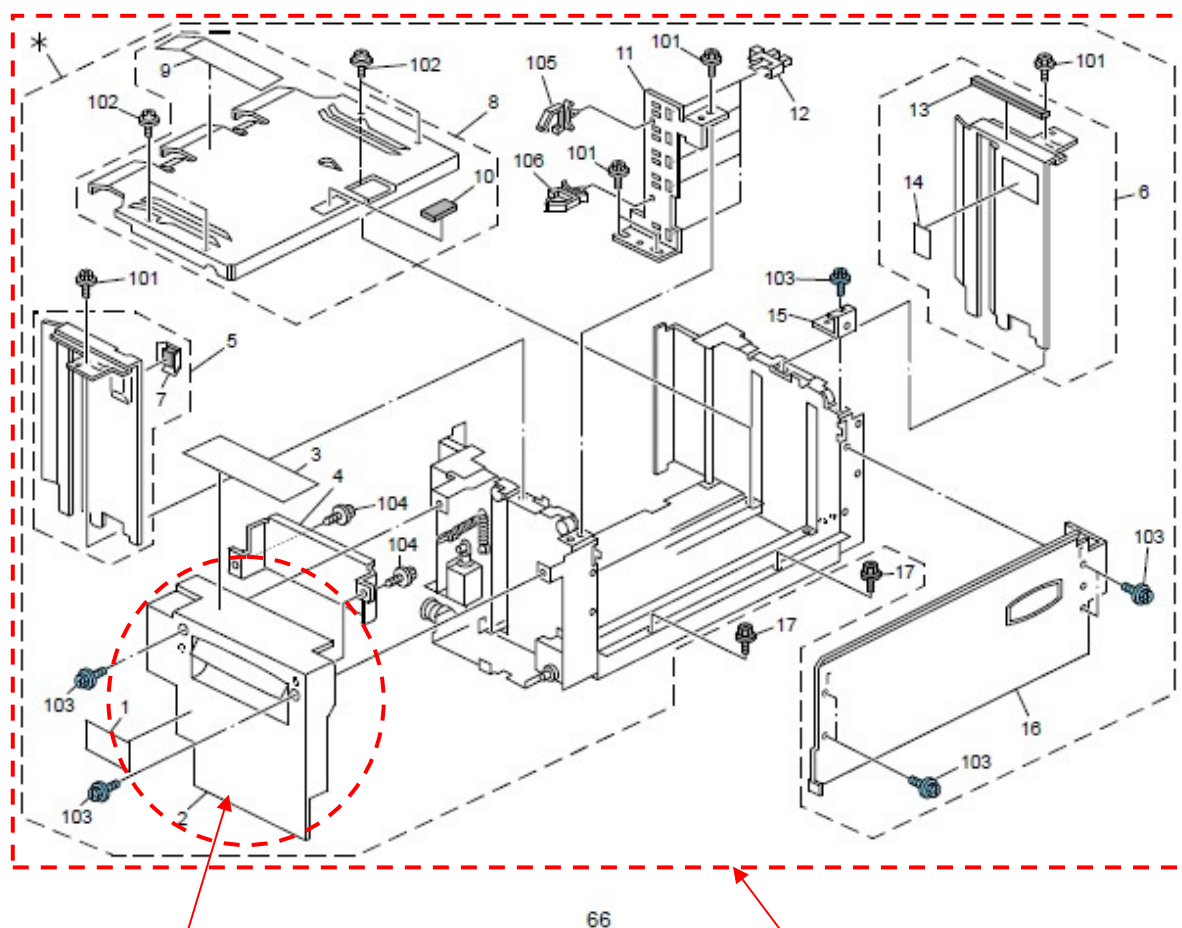
## 25. Tandem Tray 2 (D059-17/D060-17/D061-17)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0596619	D0596613	TANDEM LCT: RIGHT: NA: ASS'Y	1	X/O	67	*	-
D0596698	D0596712	INNER COVER: TANDEM LCT	1	X/X	67	2	-

## 25. Tandem Tray 2 (D059-27/D060-27/D061-27)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D0596618	D0596612	TANDEM LCT: RIGHT: DOM: ASS'Y	1	X/O	67	*	-
D0596698	D0596712	INNER COVER: TANDEM LCT	1	X/X	67	2	-

### 25.Tandem Tray 2 (D059/D060/D061)



D0596698 → **D0596712** (Change)  
INNER COVER: TANDEM LCT

D0596619 → **D0596613** (Change)  
TANDEM LCT: RIGHT: NA: ASS'Y  
D0596618 → **D0596612** (Change)  
TANDEM LCT: RIGHT: DOM: ASS'Y

**Reissued: 05-Jun-12**

Model: B-C4 (Toshiba TEC)	Date: 06-Apr-12	No.: RD059098a
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**RTB Reissue**

The items in bold italics have been changed.

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

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

**This firmware is a dedicated firmware for Toshiba TEC machine.**

Version	Program No.	Effective Date	Availability of RFU
02.01	D4515510E	November 2011 production	Not available
01.07	D4515510D	September 2009 production	Not available
01.06	D4515510C	June 2009 production	Not available
01.05	D4515510B	March 2009 production	Not available
01.04	D4515510A	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
02.01	Symptoms Corrected: 1. With machines that apply either the Basic Authentication or the Key Counter, the operation panel could black out and result in SC819/ <b>SC899</b> when turning OFF/ON the main power after the black out. 2. While the machine is logged in by Basic Authentication, unauthorized users can access applications using authentication of anonymous TWAIN users. 3. Files could be sent in the wrong format and counted in WSD-Scanner (Push) transmission.
01.07	Other changes: WSD Scanner (Push Type) now supports Windows 7/Windows 2008 Server R2. Notice: Due to Windows 7/Windows 2008 Server R2 spec changes, WSD Scanner (Push Type) jobs that are in-progress can no longer be manually cancelled from the PC side.

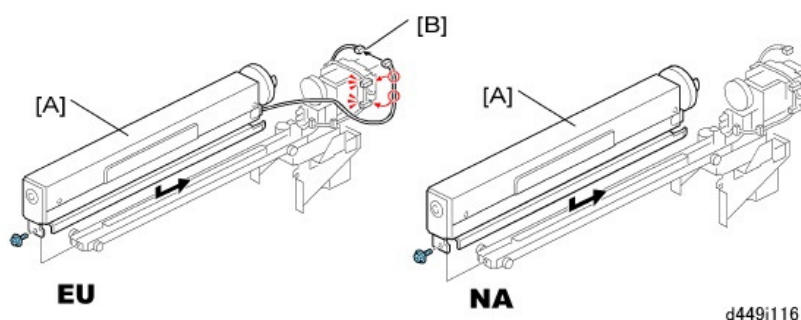
**Reissued: 05-Jun-12**

Model: B-C4 (Toshiba TEC)		Date: 06-Apr-12	No.: RD059098a
01.06	<p>Symptom corrected:</p> <ol style="list-style-type: none"><li>1. Scan to NCP fails if all of the following conditions met:<ul style="list-style-type: none"><li>- The destination is specified using the IP address.</li><li>- The Novell server and the device are in different subnets.</li><li>- The subnet routers filter SLP multicasts.</li></ul></li></ol> <p>Note: Requires System firmware (version 1.03 or later) and Scanner firmware (version 01.06 or later).</p> <ol style="list-style-type: none"><li>2. Scan to NCP fails or takes long time to complete if the IPX protocol is used and there are more than 2 Novell Directory Services (NDS) servers in the network hierarchy.</li></ol> <p>Note: Requires System firmware (version 1.03 or later) and Scanner firmware (version 01.06 or later).</p>		
01.05	<p>Symptom corrected:</p> <ol style="list-style-type: none"><li>1. Job log CSV file contains the wrong "User Entry ID" for scanner jobs that were sent from the document server. This only occurred using either UserCode Authentication or Basic Authentication</li><li>2. The Job log displayed by WSDM contains the wrong "User Code/User Name", "User Entry ID" and "User display name" for scanner jobs that were sent from the document server. This only occurred using either UserCode Authentication or Basic Authentication.</li></ol>		
01.04	1st Mass production		

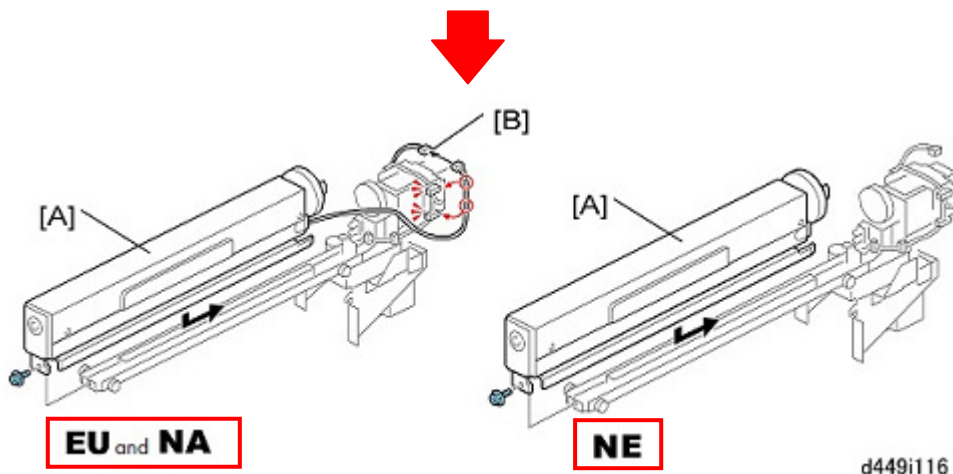
Model: Katana-C2 (Bellini-C4)		Date: 13-Apr-12	No.: RD059099
Subject: Service Manual Correction (Booklet Finisher SR5020 Punch Unit)		Prepared by: J. Ohno	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <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"/> Tier2

Please apply the following correction to your field service manual in the section:

1. Installation > Booklet Finisher SR5020 (D434-17)  
 > Punch Unit PU NA, EU, SC (D449-17, -27, -28) > Installation P.162



2. Attach the punch mechanism [A] to the rails of the punch unit (⚙ x1).
  - If you are installing the punch unit for Europe, connect the harness [B] (⚙ x1, ⚙ x2).
  - The punch unit for North America has no punch switching motor, so this harness is not required.



2. Attach the punch mechanism [A] to the rails of the punch unit (⚙ x1).
  - If you are installing the punch unit for **Europe and North America**, connect the harness [B] (⚙ x1, ⚙ x2).
  - The punch unit for **North Europe** has no punch switching motor, so this harness is not required.

In addition to the above, please be informed of the expected service life of the Booklet Finisher SR5020 Punch Unit.

**Punch unit life: 1000k**

Model: Katana-C4 (Bellini-C2)		Date: 18-May-2012	No.: RD059100
Subject: Correction on Perfect Binder (GB5000)'s supported paper thickness for signature		Prepared by: J. Ohno	
From: 1st PP Tech Service Section, PP Tech Service Dep.			
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"/> Tier2

Please apply the following correction to your service manual in the section:

Specifications: Option 1 ➤ Perfect Binder D391 ➤ Perfect Binder (D391)

## Perfect Binder (D391)

Compatible Host Machines	D059/D060/D061	
Paper Positioning	Center aligned	
Delivery	Face-down	
Signature Thickness	10 to 200 sheets (64 to 80 g/m <sup>2</sup> ) 10 to 150 sheets (81 to 105 g/m <sup>2</sup> ) Max. thickness: Up to 23 mm (0.9 in.)	
Paper Size	Signature	Width: 182 to 228.6 mm Length: 257 to 320 mm
	Cover	Width: 257 to 330.2 mm Length: 364 to 487.7 mm
Paper Thickness	Signature	64 to 163 g/m <sup>2</sup>
	Cover	90 to 300 g/m <sup>2</sup>
	Width	139.7 mm to 216 mm

**Incorrect:** 64 to 163gsm

**Correct:** 64 to 105gsm \*

\* 106 to 163gsm paper is available for slip sheets, however, limited to 10 sheets.



Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059101
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Subject: Firmware Release Note: Engine		Prepared by: J.Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

This RTB has been issued to announce the firmware release information for the **Engine**.  
**This firmware is a dedicated firmware for the Toshiba TEC machine.**

Version	Program No.	Effective Date	Availability of RFU
<b>1.13:04</b>	<b>D0595225M</b>	<b>May 2012 production</b>	<b>Not available</b>
1.12:04	D0595225L	December 2010 production	Not available
1.11:04	D0595225K	August 2010 production	Not available
1.10:04	D0595225J	May 2010 production	Not available
1.09.1:04	D0595225H	March 2010 production	Not available
1.08:04	D0595225G	September 2009 production	Not available
1.07:04	D0595225F	August 2009 production	Not available
1.06:04	D0595225E	May 2009 production	Not available
1.05:04	D0595225D	April 2009 production	Not available
1.04:04	D0595225C	1st Mass production	Not available

**Note: Definition of Availability of RFU**

“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
<b>1.13:04</b>	<b>Symptoms corrected:</b> <ol style="list-style-type: none"> <li><b>When using the GBC streampunch and continuously feeding paper from the Cover Interposer, paper fed from the Cover Interposer could interfere with the subsequent page fed from the mainframe and result in Jam146.</b></li> <li><b>When a jam in a downstream peripheral and a double-feed occurs concurrently, blank sheet of paper is falsely ejected in the recovery printing.</b></li> <li><b>If a jam occurs with a sheet that is being purged due to a double-feed, this could result in SC990.</b></li> <li><b>When a jam in a downstream peripheral and a double-feed occurs concurrently, recovery printing could stall due to a disabled intermediate transport motor.</b></li> <li><b>* When feeding to the High Capacity Stacker and a double-feed occurs, the double-fed sheet cannot be purged correctly and results in a jam.</b></li> </ol>
1.12:04	Specification Changes: SP2507 (Pattern During Jobs) was modified to prevent low image density problem that could happen when operating the machine after the machine was left unused for some time. When the value "n" is set between 100 and 200 on SP2507-003, pattern during jobs is created for the number of times based on the following calculation: "n -

Model: B-C4 (Toshiba TEC)		Date: 25-May-12	No.: RD059101
Version	Modified Points or Symptom Corrected		
	<p>100". Only the ID Sensor Pattern is created. Pattern for toner disposal is not created.</p> <p>ex) In the below settings, pattern during jobs is created at every 25 sheets for 5 times (105-100). SP2507-001: 1 SP2507-002: 25 SP2507-003: 105</p> <p>Symptom Corrected: In a saddle-stitch job, jam411 occurs when resuming the job after running out of paper and reloading paper onto the tray.</p>		
1.11:04	<p>Symptoms Corrected:</p> <ol style="list-style-type: none"> <li>Jam71 occurs while the sheet is cleared to the purge tray when all of the conditions below are met: <ul style="list-style-type: none"> <li>Configuration consists of the Decurl Unit DU5000</li> <li>Jam occurs in the Finisher</li> <li>The sheet succeeding the jammed sheet in the Finisher is positioned between the Decurl Unit and the mainframe covering the Decurl Unit's entrance sensor and the mainframe's HP exit sensor.</li> <li>The sheet positioned between the 2 units turns on the Decurl Unit's exit sensor.</li> </ul> </li> <li>In a configuration consisted of the mainframe + Ring Binder RB5000 + Cover Interposer Tray CI5010, jam 146 occurs with booklets of the 2nd output or onwards when the job is composed of a cover sheet fed from the Interposer and a ringbinding operation.</li> <li>Jam occurs when continuously running a job in which the sheets are not pre-stacked onto the pre-stack tray such as in a folding job, instantly after switching from a saddle-stitch operation.</li> <li>When running a job composed of feeding from the Cover Interposer and staple operation in a configuration consisted of the mainframe + Cover Interposer Tray CI5010 + Booklet Finisher SR5020, jam410 occurs when restarting a job that contains different paper sizes after a pause either caused by "No paper on the Cover Interposer tray" or "door open".</li> <li>When one of the feed trays on the mainframe has a fault and the job is run using a tray that works and a jam occurs, message "Please wait" remains and printing will not restart after clearing the jam.</li> <li>When executing SP6526-001~6525-141 "Input Check: Perfect Binder" with the system connected to the Perfect Binder GB5000, the input check is not performed (and the SP value remains "0").</li> <li>In a configuration consisted of the 135 ppm machines + Booklet Finisher SR5020 + Cover Interposer Tray CI5010, and the job is composed of cover fed from the Cover Interposer and saddle-stitch operation, poor stapling/JAM422/SC747 occurs.</li> <li>Jam indication is falsely cleared when a jam occurs and the jammed sheet is left inside the Decurl Unit DU5000 and the power on the control panel is turned Off and then On .</li> </ol>		
1.10:04	<p>Symptom Corrected</p> <ul style="list-style-type: none"> <li>Toner auto supply excess fixed.</li> <li>Toner auto supply lack fixed.</li> </ul>		



Model: B-C4 (Toshiba TEC)		Date: 25-May-12	No.: RD059101
Version	Modified Points or Symptom Corrected		
	<ul style="list-style-type: none"> <li>- Jam 73 (SC990) fixed when SP2804-1 set to "3".</li> </ul>		
1.09.1:04	<p>Specification changed:</p> <ul style="list-style-type: none"> <li>- SC494/495 occur after machine arrival problem fixed.</li> </ul> <p>Symptom Corrected:</p> <ul style="list-style-type: none"> <li>- SR5020 productivity improved.</li> <li>- Purge failure fixed.</li> <li>- Down stream free run failure fixed.</li> <li>- Jam146 caused by the decurler fixed.</li> </ul>		
1.08	<p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. Unable to adjust the values for SP6202(Fine Adj Booklet Jog Fence Pos) and SP6525(Glue Remain Thermistor: Wet Side).</li> <li>2. SP6325(Registration Buckle Adjust) is reflected at 1/10 (only 10%) of the actual input value.</li> <li>3. Adjustment made on the High Capacity Stacker #2 (SP6608, SP6609, SP6610) falsely affects the value applied for stacker #1 (SP6602, SP6603, SP6604).</li> </ol>		
1.07:04	<p>Symptom corrected:</p> <ul style="list-style-type: none"> <li>- Value adjusted on SP6205 disappears when machine power is turned OFF/ON.</li> <li>- Symptoms involving non-reflected values adjusted on the SR5020. Value adjusted on SP6214 is falsely reflected to SP6205, value adjusted on SP6210 is falsely reflected to SP6209.</li> <li>- Cannot recover from a jam, indicating a SC990 even after removing the jammed paper.</li> <li>- Jam occurrence when sheets are fed out to the FD500, cannot recover even after removing the jammed paper.</li> </ul>		
1.06:04	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. False detection of CIS resulting in SC586.</li> <li>2. Jam407 in staple job on the COLUMBIA when the original consists of different paper sizes; a change from A4LEF to A3SEF-Z fold.</li> <li>3. PM Parts Counter <ul style="list-style-type: none"> <li>- Even when the SP5899 (PM Double Count) is NOT set to "double-count", the feed roller is counted in double when printing A3 sheets.</li> <li>- After a PM part is replaced, SC670 occurs when executing "Counter Clear for Parts Exceeding Target Yield".</li> <li>- Record can not be saved normally when executing "clear ALL PM settings".</li> <li>- Indication for parts replacement do NOT appear on the operation panel even when parts for the Perfect Binder GB5000 have reached target yield.</li> <li>- Clearing of PM parts individually does NOT clear the drive distance counter.</li> <li>- Initial value of parts target yield standard value (SP7940-001~020, 040~042) for drive distance of Type-B and Type-C are falsely set to that of Type-A.</li> </ul> </li> </ol>		

Model: B-C4 (Toshiba TEC)		Date: 25-May-12	No.: RD059101
Version	Modified Points or Symptom Corrected		
1.05:04	<p>Symptom Corrected:</p> <ul style="list-style-type: none"><li>- Jam occurrence when ejecting paper to the Stacker Upper Tray and Stacker Tray alternately, resulting in SC990.</li><li>- Jam occurrence when printing a certain punch job in which the sheet is fed from the Inserter.</li></ul> <p>Other Changes</p> <ul style="list-style-type: none"><li>- Punch switching time for the Columbia has been changed.</li></ul>		
1.04:04	1st Mass production		

Reissued: 18-Sep-14

Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059102b
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Subject: Firmware Release Note: Network Support		Prepared by: J. Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

**This firmware is a dedicated firmware for Toshiba TEC machine.**

Version	Program No.	Effective Date	Availability of RFU
8.75	D0595553K	March 2013 production	Not available
8.74	D0595553J	May 2012 production	Not available
8.73	D0595553H	August 2011 production	Not available
8.69.1	D0595553F	September 2010 production	Not available
8.68.1	D0595553E	July 2010 production	Not available
8.61	D0595553D	August 2009 production	Not available
8.58.1	D0595553C	March 2009 production	Not available
8.57	D0595553B	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
8.75	Symptom corrected: 1. If "CNAME" is specified as the destination folder, ScanTo Folder will abort. 2. If NBT is disabled, the destination for Scan to Folder might not be displayed and Windows authentication might fail. 3. Cannot scan to shared folders in Windows 8 <b>and Windows Server 2012</b> . 4. Cannot scan to shared folders in Mac OS X 10.7 or Mac OS X 10.8.
8.74	Symptoms corrected: 1. SC991 might occur and network functions could not be used. This occurs if DHCP and DDNS are both enabled in the device and if the DHCP server distributes to the device an FQDN that is more than 127 byte in length. 2. Device applications or services that use any of port 80, 443, 7443 or 7444 could not be used. This occurs if the illegal packet is sent after SSL negotiation handshake to any of the device's TCP ports 443, 7443 or 7444. Affected applications include Web Image Monitor, IPP Printing and @Remote.
8.73	Symptom corrected: 1. Scanner for WSD (Web Services on Devices) function could be disabled if the system is powered on with an external controller connected.

Reissued: 18-Sep-14

Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059102b
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Version	Modified Points or Symptom Corrected
	<ol style="list-style-type: none"> <li>An httpd timeout has been implemented to prevent Web ImageMonitor lockups that sometimes occurred when applications accessed the printer by http.</li> <li>Scan to SMB fails if the file submitted to the DFS folder in the destination and the file of the same name exist in the DFS folder.</li> <li>If Windows Authentication is enabled, printing a large number of copies of a job might take longer than might typically be expected.</li> <li>Chunk Transfer Encoding over an IPP port might results in print jobs being reset.</li> <li>"Ricoh Printer" could appear as the Apple Talk object name if the network settings are not made on an OEM machine.</li> <li>If SSDP = Active (Web ImageMonitor &gt; Configuration &gt; Network Security), a high load on the CPU might result in Web ImageMonitor locking up.</li> <li>Printer with an external controller will lose network connectivity. This only occurred if the network settings were changed repeatedly and the printer's "NetWare" setting was already "Active" (before the network settings were changed).</li> <li>The printer icon might not be shown in the Windows "Network" dialogue if SSDP is enabled. This affected Windows Vista, 2008/R2, and 7.</li> <li>The device might lose network connectivity if SSDP is enabled. Network connectivity could be temporarily restored after a power cycle.</li> <li>Under very specific combinations of IP address, Subnet Mask, and Gateway address, some of the printer's network configuration settings might revert to defaults.</li> <li>Use of an IP address to send a Scan to SMB might result in the scanned document not being sent.</li> <li>Scan to SMB fails if the both of the following conditions are met. <ul style="list-style-type: none"> <li>Either the device has NBT disabled or it is enabled but the device is unable to resolve the destination's NetBIOS name.</li> <li>One or more octets in the destination's IPv4 address contain leading zeros.</li> </ul> </li> <li>If the device's IPP Authentication setting is enabled, the driver cannot be installed on Windows 2008 R2 SP1 or 7 SP1 using an IPP port.</li> </ol>
8.69.1	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>If the MFP/LP has a statically configured IP address and domain, it always sends a HELO using just its hostname. SMTP servers that require client HELOs to include the client's FQDN will close the connection. The result of this was that the MFP/LP was unable to send emails.</li> <li>Unable to Scan to SMB to Windows 7 or Windows Server 2008 R2 destinations that have Windows Live ID Sign-in assistant installed.</li> <li>Trying and failing to login to a Scan destination three times might result in the Scanner application stalling.</li> <li>Unable to Scan to SMB to Windows 98/98SE/Me/NT 4.0 destinations specified using an IP address.</li> <li>The SMB retry function fails to retry the sending of failed SMB transfers (Scan to SMB or Fax delivery).</li> </ol>

Reissued: 18-Sep-14

Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059102b
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Version	Modified Points or Symptom Corrected
	<ol style="list-style-type: none"> <li>6. Unable to retrieve the Windows group name from a Windows 2008 R2 server during Windows Authentication. Because of this, logged in users will only be granted the "Available Functions" specified for them in the Addressbook.</li> <li>7. The device is unable to assign group privileges to a logged in user if that group has a name consisting of more than 20 bytes. To address this issue, the supported group name length will be increased to 40 bytes.</li> <li>8. The MFP's Windows Authentication function is unable to use Kerberos when being authenticated on a Windows 2008 or Windows 2008 R2 server. The MFP will still be successfully authenticated because it is able to fail back to NTLMv2.</li> <li>9. After changing the MFP's DNS server address or Domain name, Scan to SMB destinations specified using a hostname might not be found.</li> <li>10. The Scan to SMB "Connection Test" fails if performed on directory located directly below a DFS root. Only the "Connection Test" failed, scanning was successful and even the "Connection Test" worked if performed on any sub-directory.</li> <li>11. The device might return an SC 819 error when browsing the network using SMB. This only occurred if SMB was browsed frequently and the device was not rebooted.</li> <li>12. If the MFP's IP address is changed to an IP address of another subnet, users will not be able to browse the network (using Scan to SMB) until the MFP is rebooted.</li> </ol> <p>Other changes:</p> <ol style="list-style-type: none"> <li>1. Unable to Scan to SMB to a destination that is not specified using an FQDN.</li> <li>2. Unable to Scan to SMB to destinations that are using both LM Authentication and Samba v2.x.</li> <li>3. Windows Authentication fails if the username or password includes lower-case European characters.</li> <li>4. The device's SMB timeout was too short (1sec). This caused problems when being used across subnets. For this reason, it has been increased to 10 sec.</li> </ol>
8.68.1	<p>Symptoms Corrected:</p> <ol style="list-style-type: none"> <li>1. The MFP's IP address lease renewal request is incorrectly formatted and rejected by DHCP relay agents. This will result in a loss of connectivity that lasts until the MFP reinitializes the network connection (10 seconds).</li> <li>2. Scan to SMB is unable to send documents to a hostname containing 2byte characters.</li> </ol>

Reissued: 18-Sep-14

Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059102b
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Version	Modified Points or Symptom Corrected
	<p>Windows authentication might fail on a domain controller whose hostname contains 2 byte characters.</p> <ol style="list-style-type: none"> <li>3. SDK/J applications might not be able to recognize some supported USB devices.</li> <li>4. When the device IP address and DNS server location are obtained from DHCP, the domain specified by the device setting "IPv4 &gt; Domain Name &gt; Specify" will be overwritten by the domain obtained from DHCP.</li> <li>5. SSL-related changes</li> </ol> <p>Note: The new field will only appear if Web Support firmware version 1.05.1 or later has also been applied to the device.</p> <p>When the device creates a certificate request, it is now able to specify which algorithm (SHA1 or MD5) it wants used to sign the certificate. This has been implemented by adding a field "Algorithm Signature" to the certificate request form.</p> <p>Web Image Monitor now shows the certificate's key length in: Configuration &gt; Security &gt; Device Certificate &gt; Details</p> <p>Specific versions of SSL or TLS (SSLv2, SSLv3, or TLSv1) can now be enabled/disabled using Web Image Monitor. The setting can be configured from either of the following locations: Configuration &gt; Security &gt; Network Security Configuration &gt; Security &gt; SSL/TLS</p> <p>The encryption strength used for SSL can now be configured. This can be done using either of the following settings in Web Image Monitor: Configuration &gt; Security &gt; Network Security Configuration &gt; Security &gt; SSL/TLS</p>
8.61	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. If a User Paper Type is changed from a paper type that doesn't support duplex to one that supports duplex, then duplex jobs that use that User Paper Type will be printed in simplex.</li> <li>2. When jobs are submitted to the device's lpr port repeatedly, some of the jobs might not be printed.</li> <li>3. If IPP authentication is enabled, printing through an IPP port from a Windows Vista/Server 2008 client might result in printing failure.</li> <li>4. Multiple Windows Vista/Server 2008 PCs might not be able to access the device through IPsec.</li> <li>5. If IPDS is enabled, the device controller will not be able to enter STR mode (aka "Off/Sleep Mode", "Off Mode" or "Sleep Mode")</li> </ol>
8.58.1	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. Repeatedly inserting and removing a USB device might result in an SC819 error. This is caused by a memory leak and will only occur if the power has</li> </ol>

Reissued: 18-Sep-14

Model: B-C4 (Toshiba TEC)	Date: 25-May-12	No.: RD059102b
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Version	Modified Points or Symptom Corrected
	not been recycled.
8.57	1st Mass production



Model: <b>B-C4 (Toshiba TEC)</b>	Date: 15-Jun-12	No.: RD059103
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## RTB Reissue

The items in bold italics have been corrected.

Subject: Firmware Release Note: PowerSaving Sys		Prepared by: J. Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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

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

**This firmware is a dedicated firmware for Toshiba TEC machine.**

Version	Program No.	Program No.	Availability of RFU
<b>1.16</b>	<b><i>D0595550F</i></b>	<b><i>May 2012 production</i></b>	<b><i>Not available</i></b>
1.15	D0595550E	November 2010 production	Not available
1.14	D0595550D	June 2009 production	Not available
1.13	D0595550C	March 2009 production	Not available
1.12	D0595550B	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
<b>1.16</b>	<b><i>Symptoms corrected:</i></b> <ol style="list-style-type: none"> <li><b><i>SC816-26</i></b></li> <li><b><i>SC816-49</i></b></li> <li><b><i>SC816-90</i></b></li> <li><b><i>The following symptoms involving the recovery from Energy Saver mode to Standby mode:</i></b> <ul style="list-style-type: none"> <li><b><i>* Lifting up the ADF platen or placing originals on the exposure glass cannot be detected if the system is in Standby mode.</i></b></li> <li><b><i>* The system does not automatically enter Standby mode when the ADF platen is lifted up or originals are placed on the exposure glass in Energy Save mode.</i></b></li> </ul> </li> </ol>
1.15	Symptom corrected: If "PowerSavingSys" is stored in SD card for update, this firmware can be install in all models.
1.14	Symptom corrected: - Under USB connection of Client PC to the mahcine, SC816 occurrence when Client PC shifts to or cancels from a Standby mode. This case occurs only with PCs using the Windows2000.
1.13	Symptom corrected: The MFP might not reply to an IPv6 ping while in Energy Saver mode.
1.12	1st Mass production

Model: <b>Katana-C2 EFI v1.1(EB-1357)</b>		Date: 19-Jun-12	No.: RD059104
Subject: Firmware Release Note: System EFI		Prepared by: Miyuki Yoshikawa	
From: PP Solution Support Sec., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (     )	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

This RTB is the release note for Patch File **1-1ERWM9.exe** for Printer controller EB-1357 system version 1.1.

Patch File	Issue(s)
1-1ERWM9.exe	- The position is moved by printing from Adobe InDesign when the blank is inserted before the first page.

## Before installing 1-1ERWM9.exe

- Known issues listed below, read before installing the **1-1ERWM9.exe** patch:
  - None.
- The following prerequisites must be installed in the order specified before the **1-1ERWM9.exe** patch is installed:
  - 1-195YB6.exe
  - 1-1AK0YI.exe
  - 1-1B0MHX.exe
  - 1-1B1EPS.exe
  - 1-1C50G0.exe
- Do NOT install any of the following patch(es) after installing the **1-1ERWM9.exe** patch. If you must install any of the patch(es) below, do so before installing the **1-1ERWM9.exe** patch:
  - None.
- This patch is not exclusive. It may be installed along with other patches. One server Reboot is sufficient for all patches to take effect on the system.
- In the case where the customer needs to install a patch which was previously skipped in the patch order, it is necessary to reinstall the system.

## Patch installation instructions

- Make sure that the Fiery printer controller reaches Idle.
- Execute **1-1ERWM9.exe** and follow the instructions in the Fiery Patch Downloader.
- Notes about the Fiery Patch Downloader
  - Logon must be admin. This is fixed and cannot be modified.

Model: Katana-C2 EFI v1.1(EB-1357)	Date: 19-Jun-12	No.: RD059104
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- b. Password is the Fiery administrator login password.
- c. Hostname can be the IP address or the Fiery server name.
- 4. Before rebooting the system, to ensure that the patch file is completely processed, please wait up to 60 seconds until the file is done processing.
- 5. After the patch is downloaded, and when prompted by the Fiery Patch Downloader, choose Reboot. *(If you choose to Restart later, make sure you manually reboot the server for the changes to take effect)*
- 6. Wait until the Fiery controller reaches Idle and print the Configuration page.
- 7. Verify that the System Updates Log section contains the patch number **1-1ERWM9**.

Model: Aries C1.5		Date: 16-May-12	No.: RD095012
Subject: Part Changes – For ADF motor and harness		Prepared by: H. Kawamura	
From: PP Service Planning Department 1G			
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:** Motor and harness

**Reason:** The factory of the motor has changed; the harness connecting the motor needs to be replaced together with the motor.

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
B3015211	B3015212	Harness:Dc Motor	1	X/X	253	25	Replace as set
AX060321	AX060407	DC Motor 24V 27W	1	X/X	253	1	Replace as set

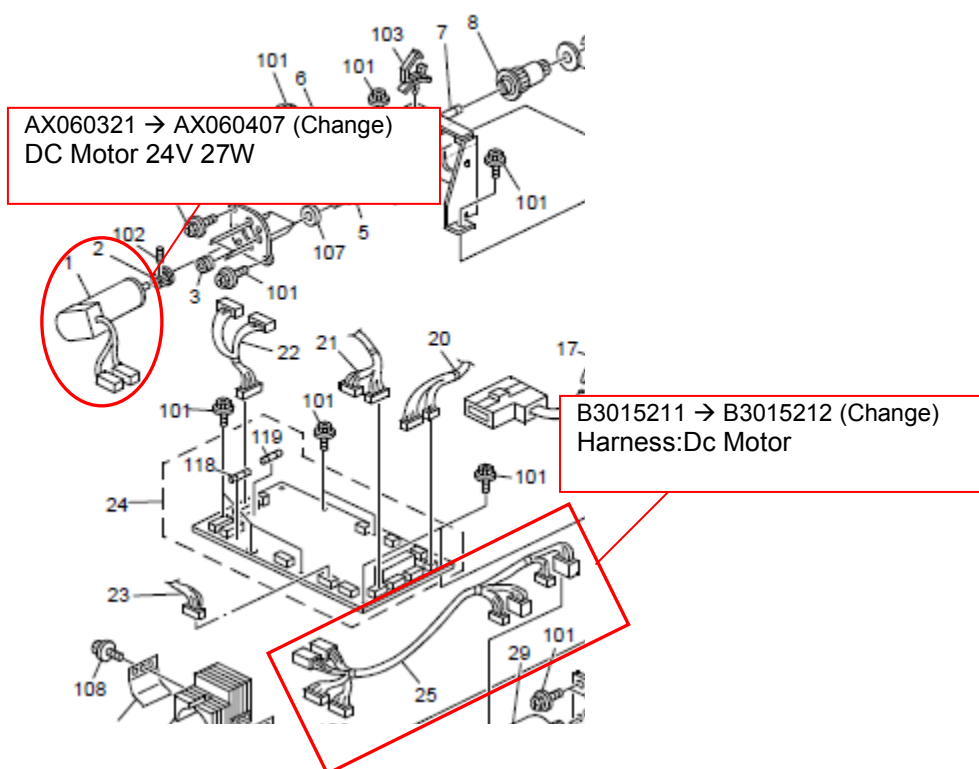
NOTE: Motor and Harness need to be replaced as a set.

Motor and Harness interchangeability is X/X individually, and O/O.as a set.

This change has been applied from 2011 November production.

This change is also applied to ProC900S, ProC720S

## 114.ADF 9 (D095)

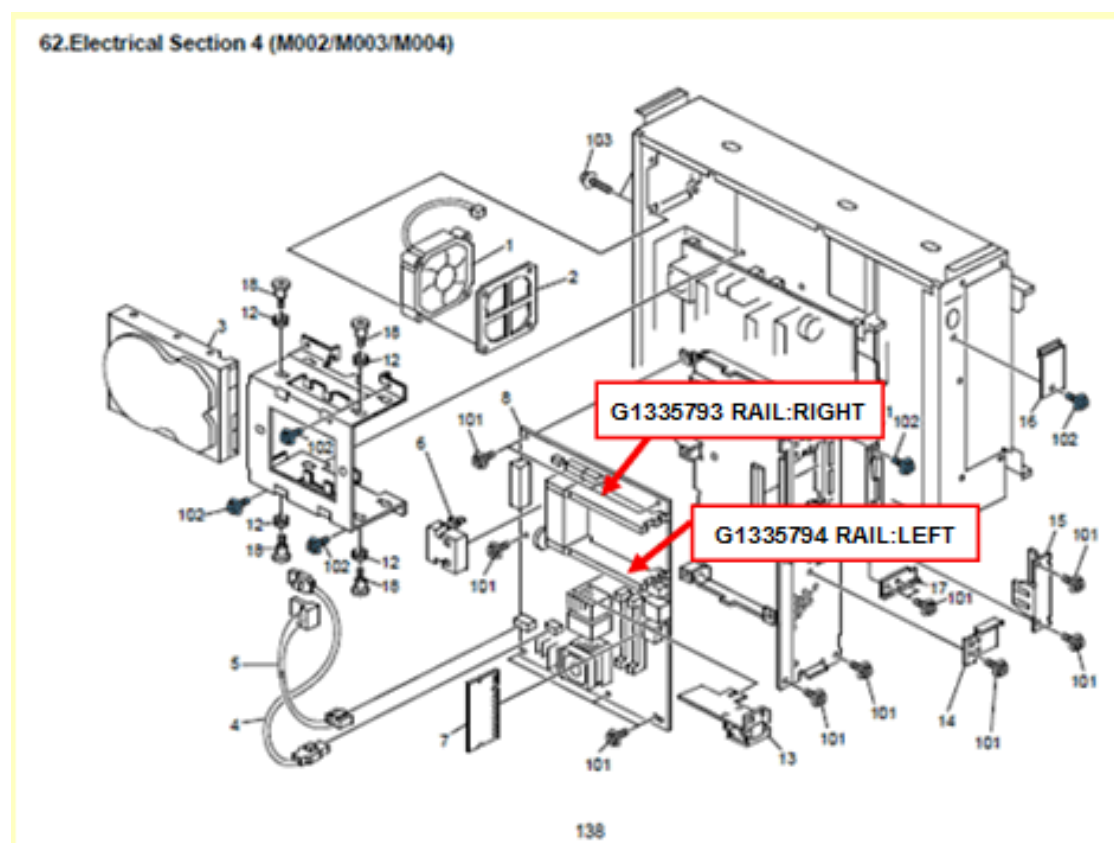


Model: Katana-P1 (M002)		Date: 11-Jul-12	No.: RM002027
Subject: P/N of Guide Rails installed on the controller board		Prepared by: A. Takada	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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

The following parts have been added to the parts catalog.

NOTE: Information in this bulletin also applies to Katana-C2 (D059/D060/D061).

New Part Number	Description	Q'ty	Int	Page	Index	Note
G1335793	Rail:Right	1	-	138	19	Add
G1335794	Rail:Left	1	-	138	20	Add



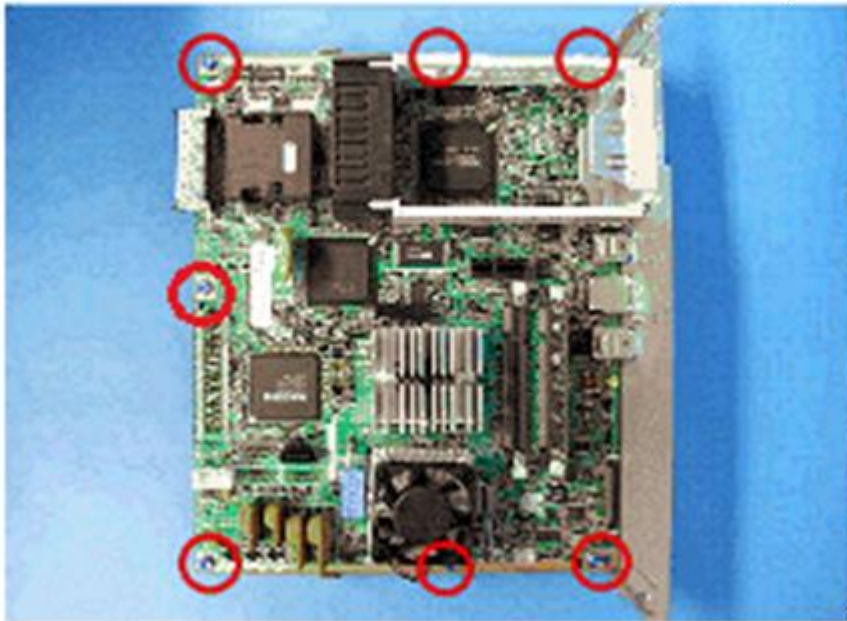
Model: Katana-P1 (M002)

Date: 11-Jul-12

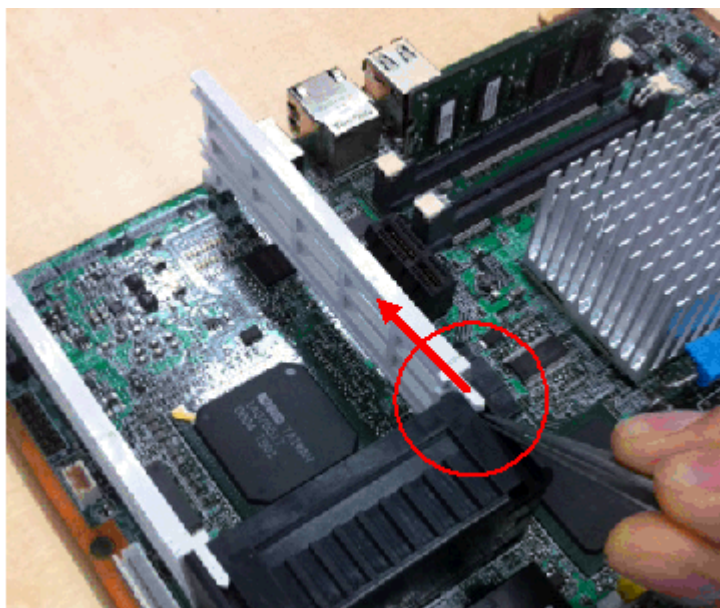
No.: RM002027

**Replacement procedure**

1. Disconnect the board from the faceplate. (screw x7)



2. Remove the rails by lifting up the protrusion with a pincher and pushing it towards the direction indicated with the arrow in the photo below.





**Reissued: 09-Nov-12**

Model: <b>Aries-C1.5/P1.5, AG-C1/P1, AGL-C1/P1, B-C3/C3.5/C4, DDP</b>	Date: 11-May-06	No.: RB234014o
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**RTB Reissue**

The items in bold italics have been added.

Subject: Controller firmware (Finisher)		Prepared by: J. Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input 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 **Finisher**.

Version	Program No.	Effective Date	Availability of RFU
<b>02.050:64</b>	<b>B8305102V</b>	<b>December 2012 production</b>	<b>Not available</b>
02.040:63	B8305102T	January 2012 production	Not available
02.030:62	B8305102S	March 2011 production	Not available
2.000:61	B8305102R	October 2010 production	Not available
1.900:60	B8305102Q	January 2010 production	Not available
1.820:59	B8305102P	Aug 2009 production	Not available
1.800:58	B8305102N	June 2009 production	Not available
1.600	B8305102M	March 2009 production	Not available
1.500	B8305102L	January 2009 production	Not available
1.420:51	B8305102K	August 2008 production	Not available
1.400:50	B8305102J	July 2008 production	Not available
1.310:48	B8305102H	May 2008 production	Not available
1.160	B8305102G	April 2007 production	Not available
1.140	B8305102F	November 2006 production	Not available
1.100	B8305102E	June 2006 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
<b>02.050:64</b>	<b><i>Symptoms corrected: Jogging performance of the shift tray is poor when printing A5 SEF.</i></b>
02.040:63	Specification Changes: A span of 250msec to withhold the OFF signal was newly prescribed as a specification of the GBC Stream Punch.
02.030:62	Specification Change: With the Booklet Maker BK5010, it enables saddle-stitch of custom size. Currently, this function is available only when connected to CREO.  Symptoms Corrected: <ul style="list-style-type: none"> <li>The error occurs when making one booklet with the Booklet Maker BK5010.</li> <li>The jam occurs when copy/print with switching the punch-hole type. This occur when we use main machine(110cpm or 135 cpm)/SR5000 with decurl unit.</li> </ul>



**Reissued: 09-Nov-12**

Model: Aries-C1.5/P1.5, AG-C1/P1, AGL-C1/P1, B-C3/C3.5/C4, DDP		Date: 11-May-06	No.: RB234014o
Version	Modified Points or Symptom Corrected		
2.000:61	<p>Specification Change</p> <ul style="list-style-type: none"> <li>Process Speed Setting (Low) on the Pro C901/C901S is supported.</li> <li>Z-fold staple job is supported for 8K paper size (267 × 390mm applied in China) on the RICOH Pro 907/1107/1357.</li> <li>Initialization behavior of the exit guide plate rollers have been changed to rotate the drive rollers to prevent the drive rollers from adhering to the driven rollers.</li> </ul> <p>Symptoms Corrected:</p> <ul style="list-style-type: none"> <li>Jam 116 occurs when switching from proof mode to staple mode while the stapler is in the position for staple refill.</li> <li>With the Booklet Maker BK5010 installed the control panel remains to indicate jam status even after clearing the jam.</li> </ul>		
1.900:60	<p><u>Modified Points:</u></p> <ul style="list-style-type: none"> <li>Countermeasure against the machine cannot print when SC750 is occurring.</li> <li>Countermeasure against the machine cannot print when SC721 is occurring.</li> </ul> <p><u>SC750</u> <u>Cause</u> After the SR5000 send the “tray rising” command, it did not send “stop rising tray” command. The engine was waiting to receive the “stop rising tray” command; therefore, it did not start printing</p> <p><u>Measure</u> When JAM and SC occurred on tray lift motor, while sending the “tray rising” command, SR5000 will also send “stop tray rising” command, in order to start printing.</p> <p><u>SC721</u> <u>Cause</u> After the SR5000 send the “wait” command, it did not send “wait cancel” command. The engine was waiting to receive the “wait cancel” command; therefore, it did not start printing</p> <p><u>Measure</u> If the staple jogger motor is not at the home position when standby poison check occurred, “request default the position flag” will be set; however, when JAM or SC occurred on stable jogger motor, changed to “request default the position flag” will not be set. When checking whether there are staples, if the stapler is not at the home position,” move to the home position” signal was released but, for ver. 1.900:60, when JAM or SC occurred in stapler motor, it does not sent the “move to the home position” signal.</p>		
1.820:59	<p>Symptoms Corrected:</p> <ol style="list-style-type: none"> <li>The shift tray does not descend nor ascend even when the emergency stop button is pressed.</li> </ol>		

**Reissued: 09-Nov-12**

Model: Aries-C1.5/P1.5, AG-C1/P1, AGL-C1/P1, B-C3/C3.5/C4, DDP			Date: 11-May-06	No.: RB234014o
Version	Modified Points or Symptom Corrected			
	<p>2. The machine stalls at a "printing in process" status in a jam where the paper is not exit to the shift tray. This symptom occurs only when installing the Katana-C2 and the EFI controller.</p> <p>&lt;NOTE&gt; Please apply firmware V1.820 or later for a configuration consisted of the Katana-C2 and the EFI controller.</p>			
1.800:58	<p>Symptom Corrected:</p> <ul style="list-style-type: none"> <li>- Jam115 when changing from Standard size to Non-standard size.</li> </ul> <p>Other changes:</p> <ul style="list-style-type: none"> <li>- Moving distance of initialization has been changed to "2mm after sensor turn-off".</li> </ul>			
1.600	<p>&lt;NOTE&gt; Please apply Version (V1.600) onward when applying Plockmatic/GBC on the Aegis.</p> <p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. During Plockmatic connection, JAM115 occurs when operating manual stapling.</li> <li>2. During Plockmatic connection, indication of "out of staples" does not disappear even when staples are added after commanding a saddle-stitch job, in which the VICTORIA-E is powered in a "out of staples" status.</li> <li>3. During Plockmatic connection, when commanding saddle-stitch of more than 2 sheets consisted of a single print using               <ol style="list-style-type: none"> <li>a 12x18 sheet, job completion is not correctly informed in order to start the 2nd stapling function, and results in a "still copying" status.</li> </ol> </li> <li>4. During GBC connection, sheets that are not assigned to be punched are punched.</li> </ol> <p>Changes made:</p> <p>When operating saddle-stitch of more than 16 sheets at Plockmatic connection,</p> <ol style="list-style-type: none"> <li>a the width of the exit guide plate opening will be set to 5mm.</li> <li>b the shutting timing of the exit guide plate will be when 20mm of the leading edge goes through.</li> </ol>			

**Reissued: 09-Nov-12**

Model: Aries-C1.5/P1.5, AG-C1/P1, AGL-C1/P1, B-C3/C3.5/C4, DDP		Date: 11-May-06	No.: RB234014o
Version	Modified Points or Symptom Corrected		
1.500	<p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. Operation stops and will not recover when "stop" button on VICTORIA-E_LED is pressed during stacker exit.</li> <li>2. Deactivate request cannot be cancelled at Plockmatic connection.</li> <li>3. Deactivate request cannot be cancelled at GBC connection.</li> <li>4. Under the condition of having no staples, jam occurs when staple function is released after its operation has been stopped.</li> <li>5. In Aegis-P1, paper cannot be fed when Plockmatic is connected; indicator shows "full" in shift tray.</li> </ol> <p>Other changes:</p> <ol style="list-style-type: none"> <li>1. Under staple-mode, single sheet of paper ejected to the shift tray will not be stapled.</li> </ol> <p>※ Although display differs in version-up Finisher Version (1.500:53) and SP mode Version (1.500:52), there is no problem as long as the SP mode Version is set to "1.500".</p>		
1.420:51	<p>Changes:</p> <p>Support for Aegis-C1/P1.</p>		
1.400:50	<p>Symptom Corrected:</p> <ul style="list-style-type: none"> <li>• When the SP adjustment value for the Jogger is set to +1.5mm, the Jogger gradually widens and results in misaligned sheets.</li> </ul>		
1.310:48	<p>Symptom Corrected:</p> <ol style="list-style-type: none"> <li>1. When a jam occurs at the GBC, the number of sheets of recovery is different. (The 1st sheet is omitted.)</li> </ol> <p>Other changes:</p> <ol style="list-style-type: none"> <li>1. Support for Plockmatic SRA3 size.</li> </ol>		
1.160	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. JAM 230 sometimes occurs, and the VICTORIA does not send its self-status to machine.</li> <li>2. Sometimes the VICTORIA cannot align the paper correctly when stapling.</li> <li>3. If GBC punch is selected during a copy job already set for 3-hole punching, the paper is punched by both the VICTORIA and the GBC punch unit.</li> </ol>		
1.140	<p>Symptom corrected:</p> <ol style="list-style-type: none"> <li>1. The machine stalls and displays "Copying..." if the top sheet on the shift tray is removed after the tray is full. Note: When this occurs, copies cannot be made.</li> <li>2. The machine displays SC625 instead of a "jam" message when an exit jam occurs with stapled paper.</li> <li>3. Sometimes, the punch motor does not turn ON.</li> <li>4. The last sheet of a staple job is not stapled correctly. Conditions: 2 sheets/set, A4 LEF</li> <li>5. Jam 111</li> <li>6. The shift tray does not shift (stacking only) after an exit jam at the shift tray is</li> </ol>		

**Reissued: 09-Nov-12**

<b>Model: Aries-C1.5/P1.5, AG-C1/P1, AGL-C1/P1, B-C3/C3.5/C4, DDP</b>		<b>Date: 11-May-06</b>	<b>No.: RB234014o</b>
<b>Version</b>	<b>Modified Points or Symptom Corrected</b>		
	cleared. 7. SC625 occurs after a staple jam is cleared. Conditions: The staple jam occurs when the operator opens the door during staple stacking. 8. The machine displays "Copying..."if the previous job used mixed-sizes and was cancelled. 9. A error with the jogger fences occurs when using Z-fold stapling mode.		
1.100	Latest Firmware Version		

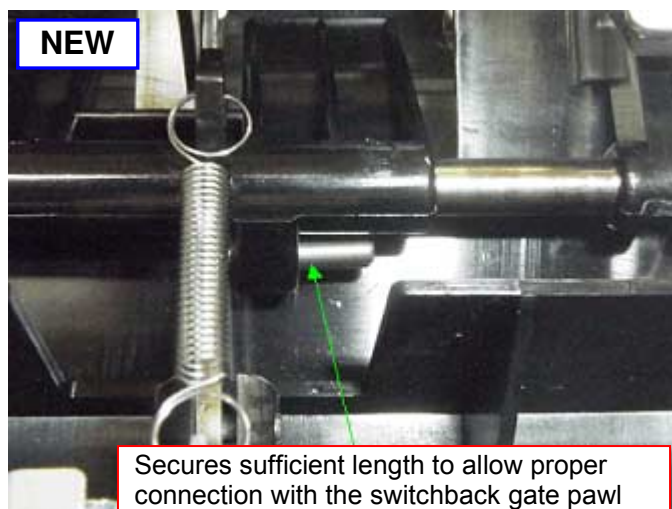
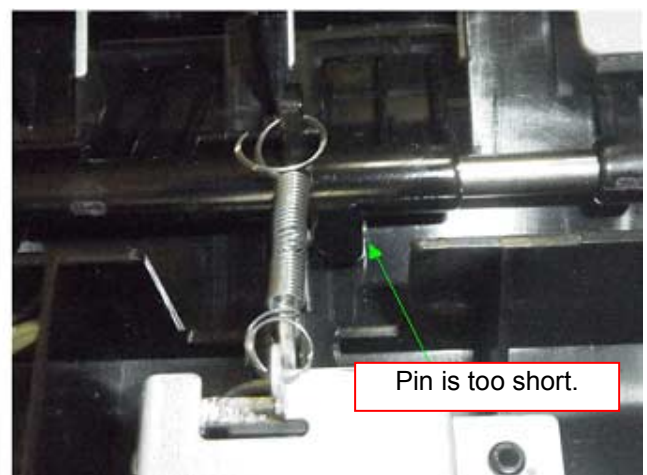
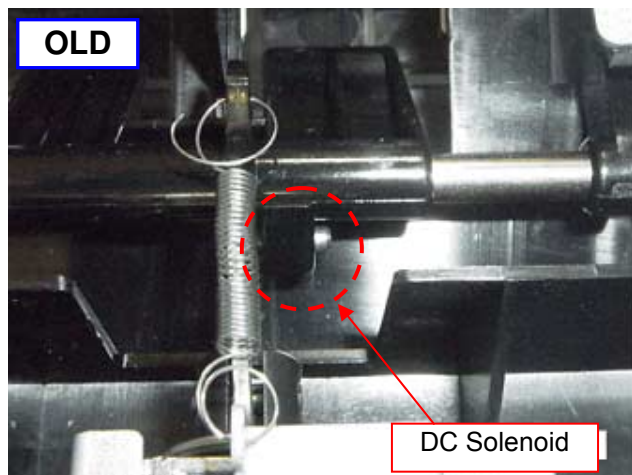
Model: Katana-C2 (Bellini-C4)		Date: 16-Nov-12	No.: RD059105
Subject: Part change - New DC Solenoid		Prepared by: J. Ohno	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper 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:** Modification of the DC Solenoid installed in the duplex unit

**Reason:** To allow smoother operation of the duplex path Switchback Gate Pawl

- In detail -

The pin protruding from the DC solenoid connects to the switchback gate pawl. (See the photos below and the p/c diagram shown on the next page.) However, due to the insufficient length of this pin on the original DC solenoid, the pin could be inserted oblique to the hole on the switchback gate pawl, causing friction in the switchback gate pawl operation that could result in paper jams. To prevent this, the length of the pin was extended 5.0mm on the modified DC solenoid.



Model: Katana-C2 (Bellini-C4)

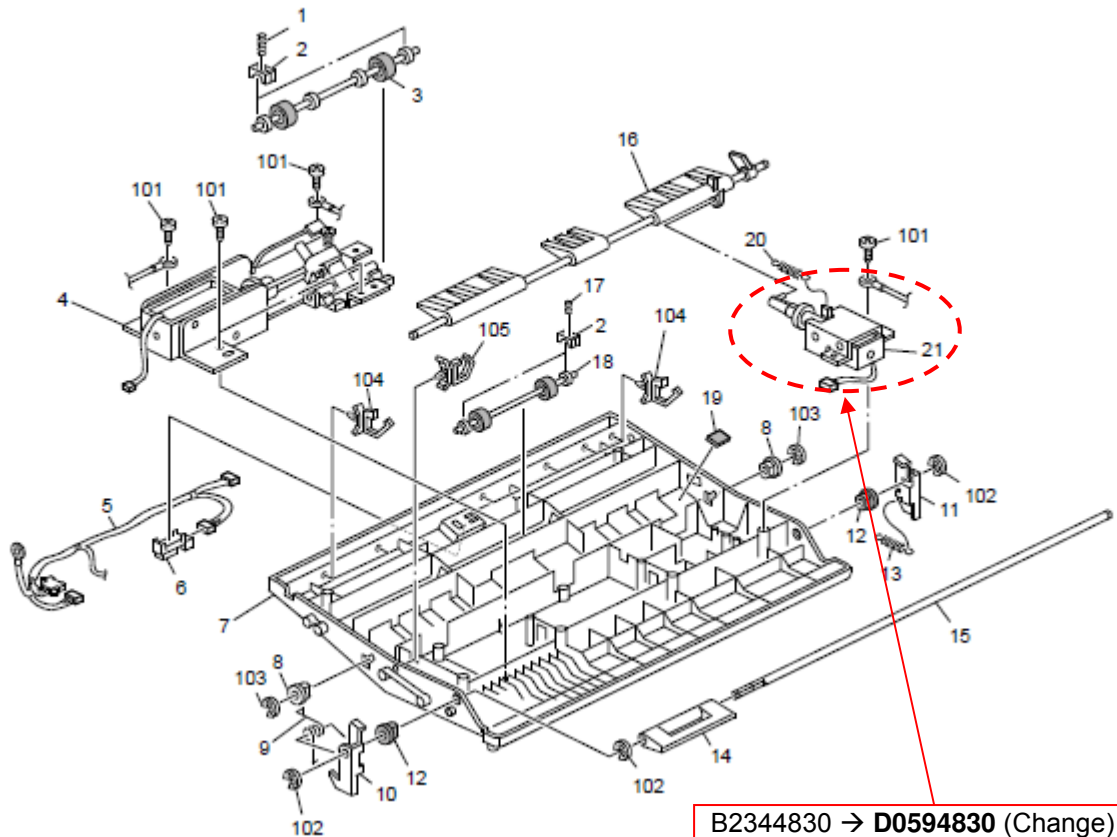
Date: 16-Nov-12

No.: RD059105

## 60. Duplex Unit 3 (D059/D060/D061)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
B2344830	D0594830	DC SOLENOID: GATE PAWL: SWITCHBACK: ASS'Y	1	X/O	137	21	Change

### 60.Duplex Unit 3 (D059/D060/D061)



B2344830 → **D0594830** (Change)  
DC SOLENOID: GATE PAWL:  
SWITCHBACK: ASS'Y



Model: Katana-C2 (Bellini-C4)		Date: 04-Dec-12	No.: RD059106
Subject: New service part - Drum Heater		Prepared by: J. Ohno	
From: PP Tech Service Dept., 1st PP Tech Service Sect.			
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

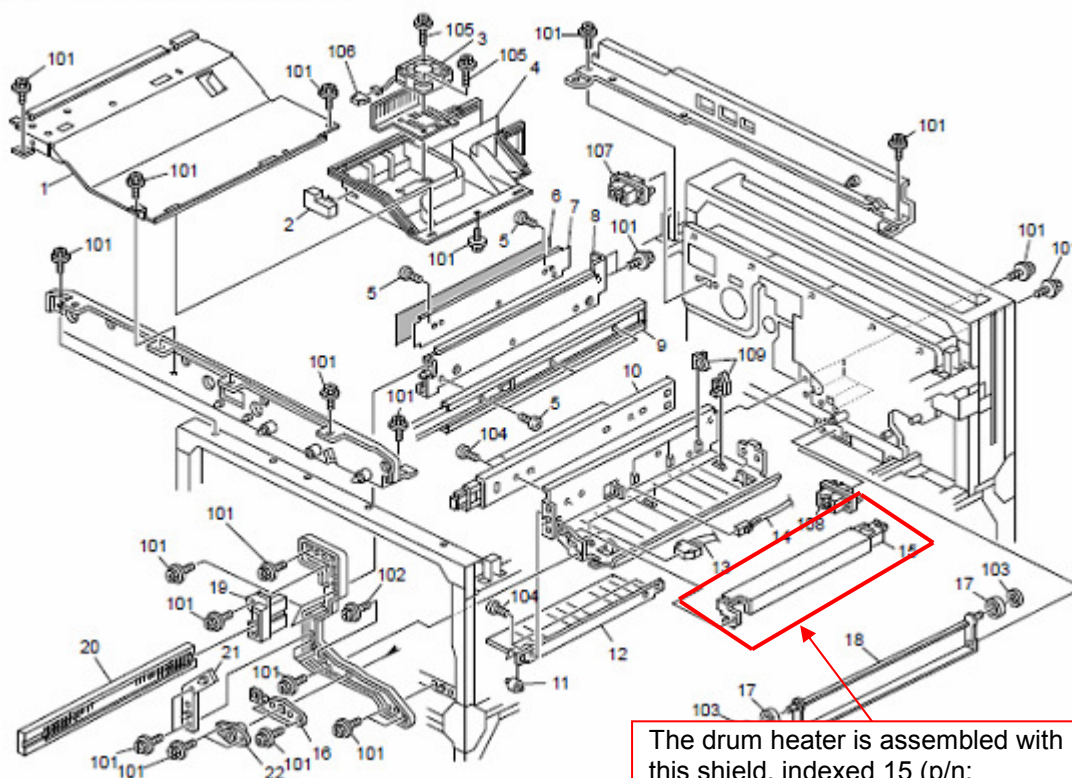
**Change:** The drum heater was registered as a new service part.

**Reason:** For better performance of devices installed in highly humid regions

## 84. Frame Section 3 (D059/D060/D061)

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
-	AX400198	HEATER - 240V/9W	1	-	185	23	Add

### 84.Frame Section 3 (D059/D060/D061)



The drum heater is assembled with this shield, indexed 15 (p/n: B2343871) in the parts catalog.

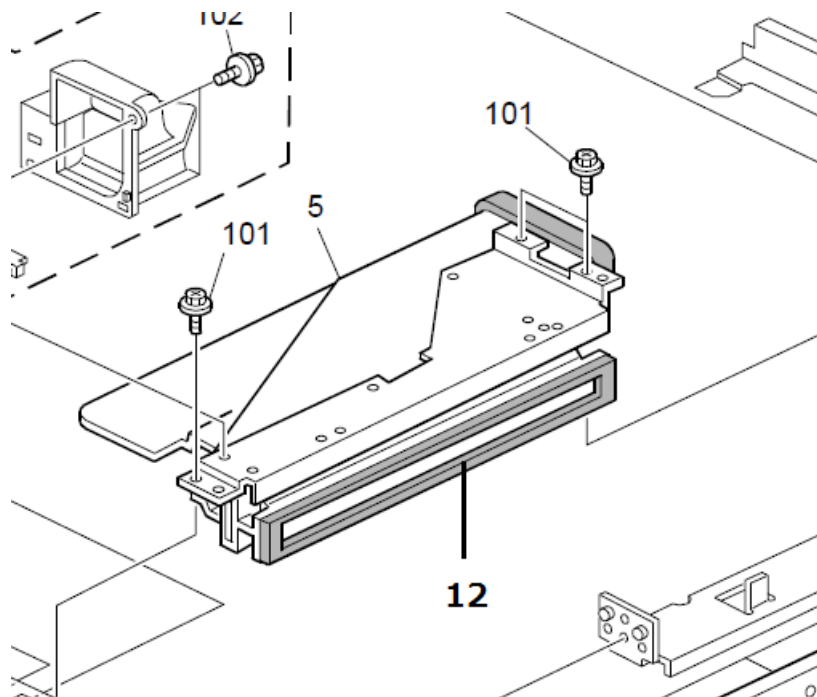


Model: Katana-C2 (D059)		Date: 27-Sep-13	No.: RD059107
Subject: Registered a seal as a service part		Prepared by: S. Tomoe	
From: 1st Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input 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:** Registration of the following seal as a service part

**Reason:** Field request.

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
-	B2342178	Seal: Duct: Machine: Entrance	1	-	183	12	
-							



Model: Katana-C2		Date: 10-Nov-14	No.: RD059108
Subject: LD Decal Change		Prepared by: Y. Tanimoto	
From: 3rd Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input 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

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
G0291982	G0291980	DECAL - LD	2	2	61	27	

## Change:

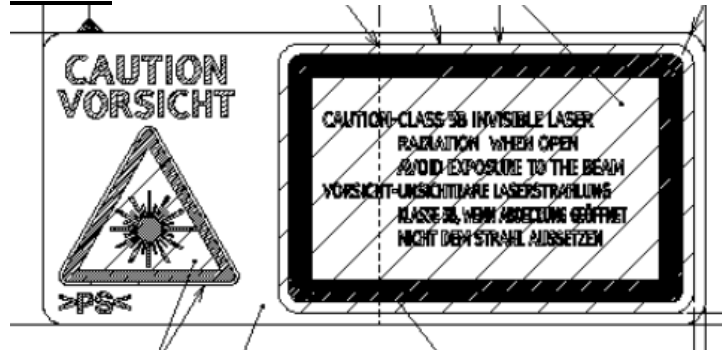
The laser caution decal was changed.

## Reason:

The laser caution decal is required to include French language to meet the Canadian safety certification.

This change has been applied to the mass production machines since July 2014.

### Before



### After



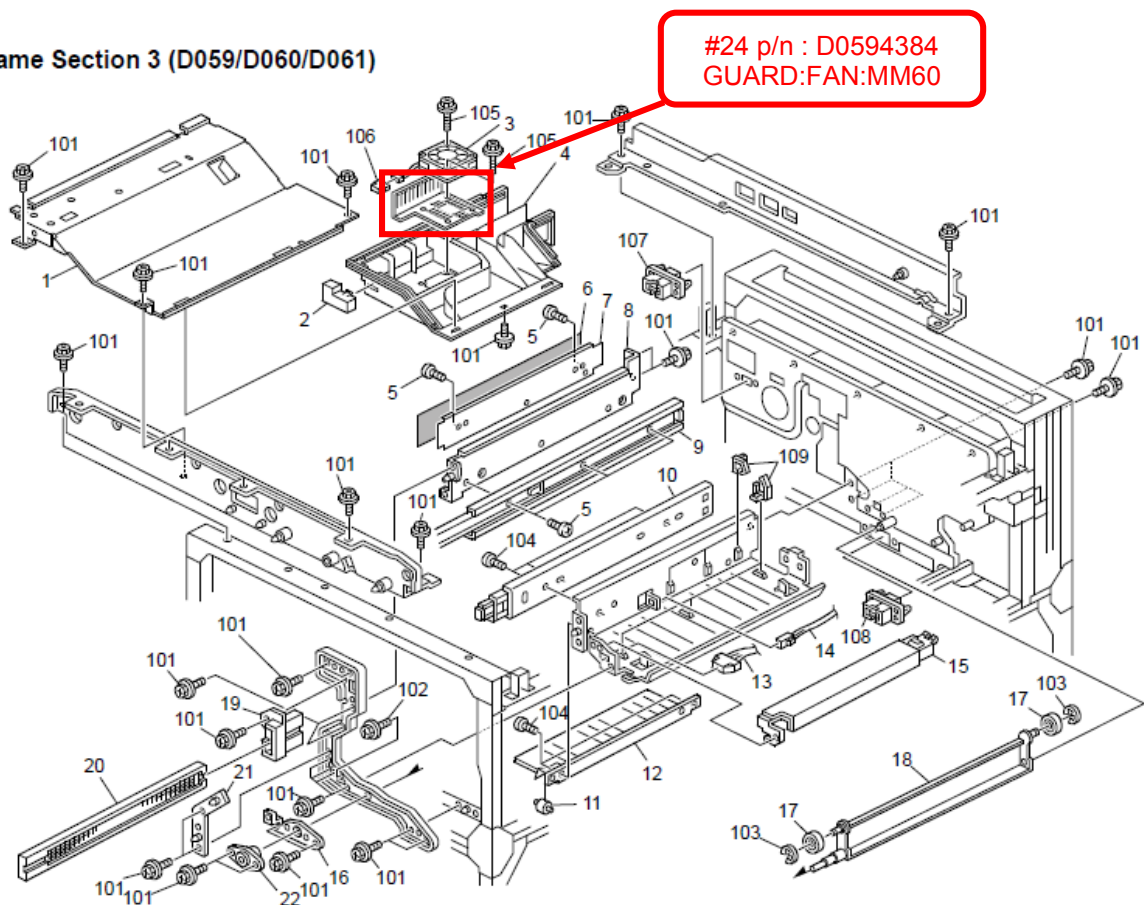
Model: Katana-C2		Date: 23-Jan-15	No.: RD059109
Subject: New service part-Guard cover of Fan motor		Prepared by: Y. Tanimoto	
From: 3rd PP Tech Service Sec., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> 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"/> Tier2

The following part 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
-	D0594384	GUARD:FAN:MM60	1	-	185	24	Add

**Affected models:** D059-17/-27, D060-17/-27, D061-17/-27

## 84.Frame Section 3 (D059/D060/D061)



Model: Katana-C2 (D059)	Date: 7-May-15	No.: RD059110
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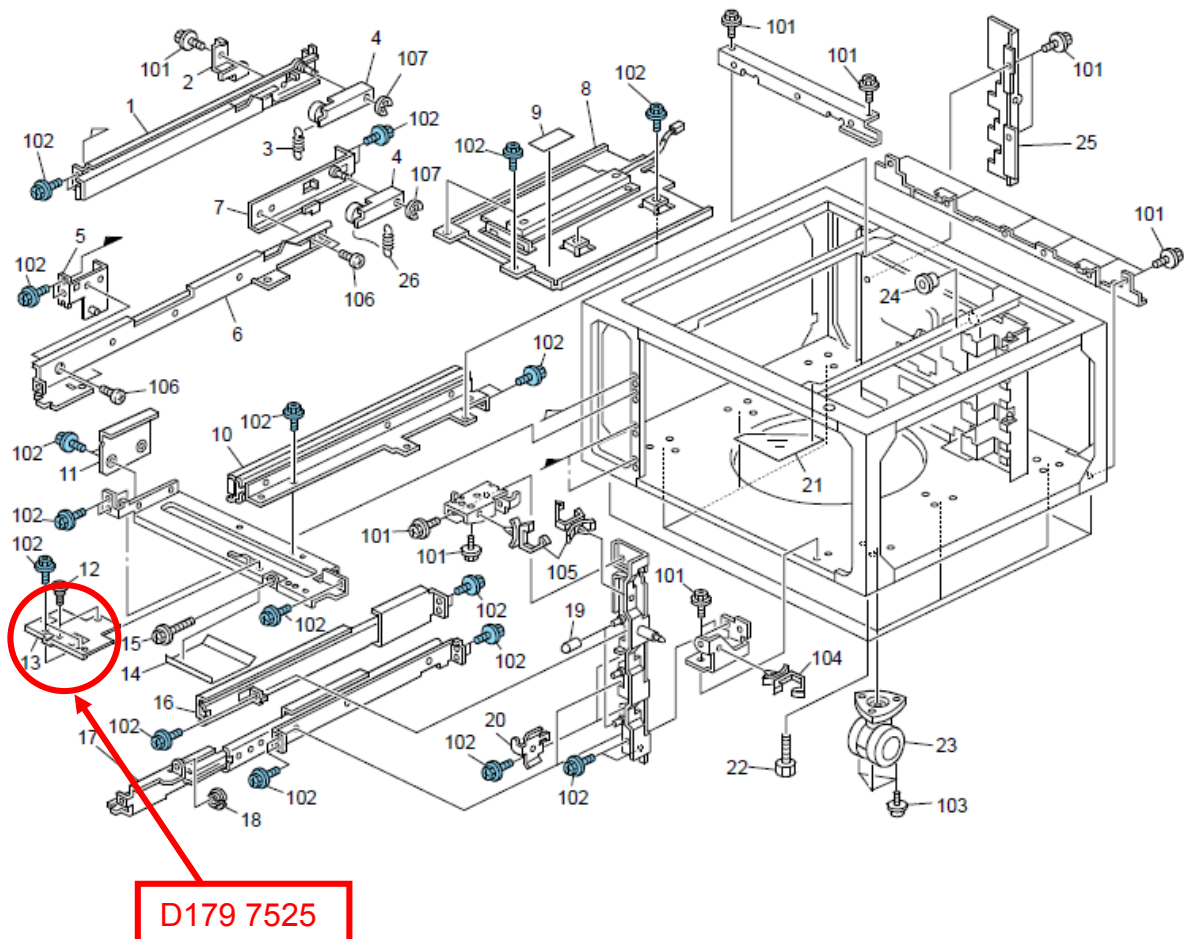
Subject: Part change – Tandem tray stopper		Prepared by: T. Suzuki	
From: MFP Tech Service Dept., 2nd MFP Tech Service Sect.			
Classification:	<input type="checkbox"/> Troubleshooting	<input checked="" type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input type="checkbox"/> Other (     )	<input type="checkbox"/> Tier2

**CHANGE:** Shape of the stopper attached to the tandem tray

**REASON:** To enable smoother opening/closing of the tandem tray

Old p/n	New p/n	Description	Q'ty	page	index	Int	Note
D0596859	D1797525	STOPPER:REGISTRATION:TANDEM LCT: ASS'Y	1	189	13	X/O	Change

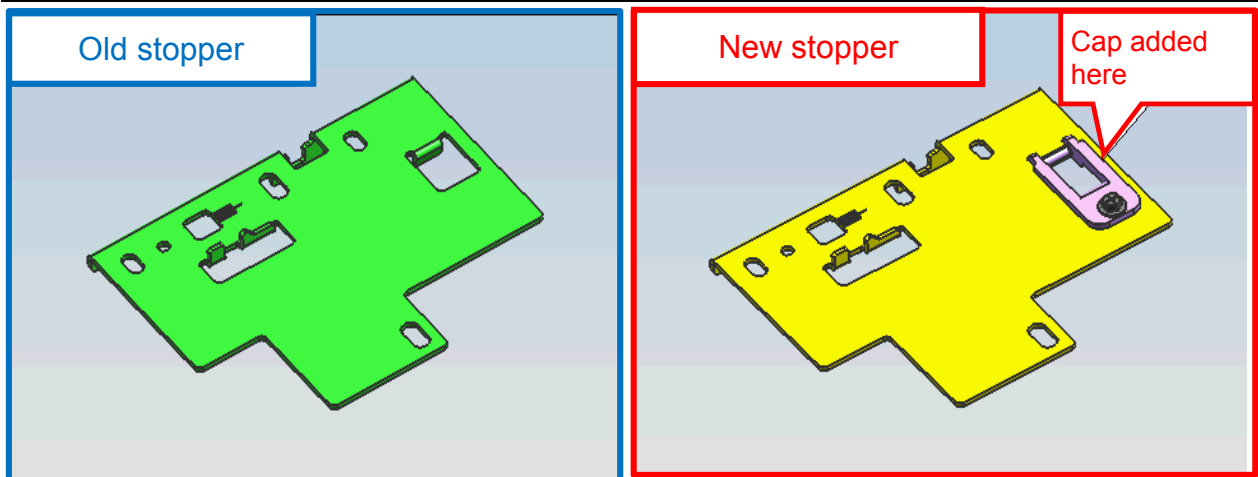
## 86.Frame Section 5 (D059/D060/D061)



Model: Katana-C2 (D059)

Date: 7-May-15

No.: RD059110

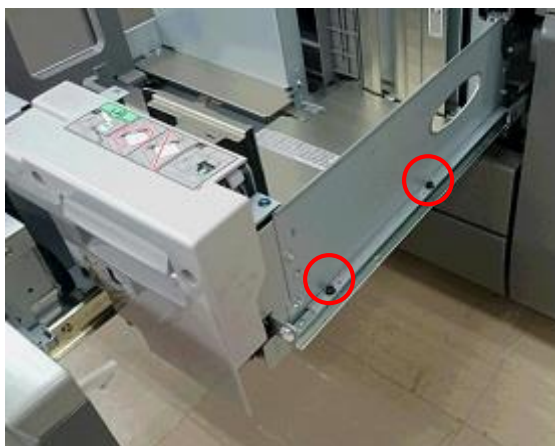


## How to replace the stopper

1. Fully pull out Tray 1 so that the right and left tandem trays separate.

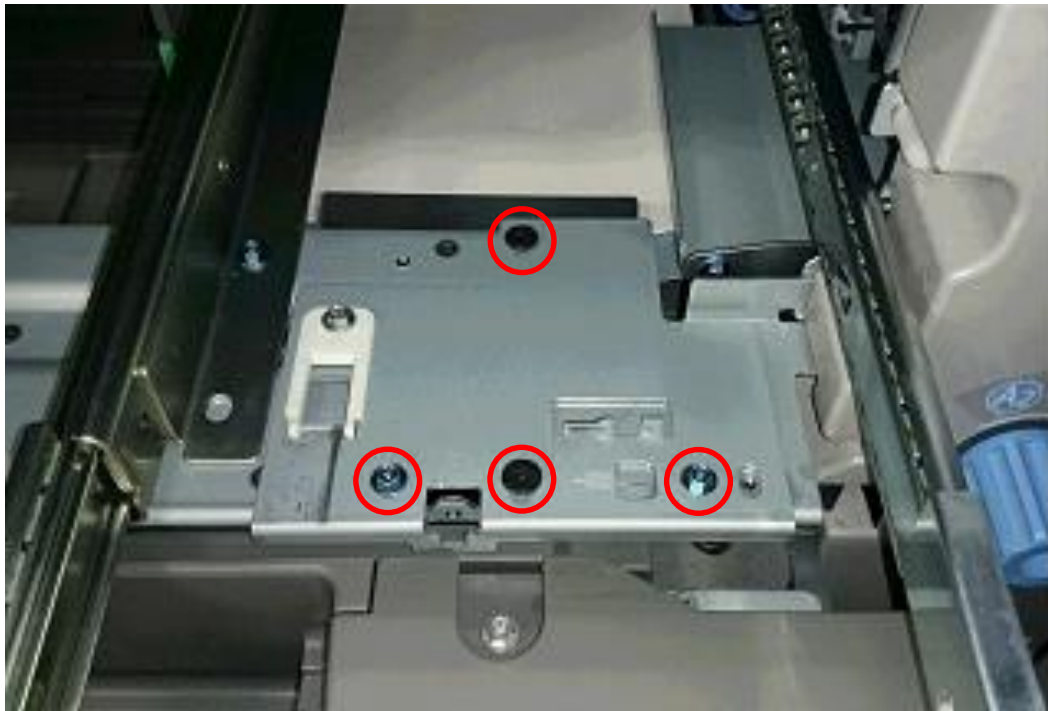


2. Remove the right tandem tray. (Screw x2)





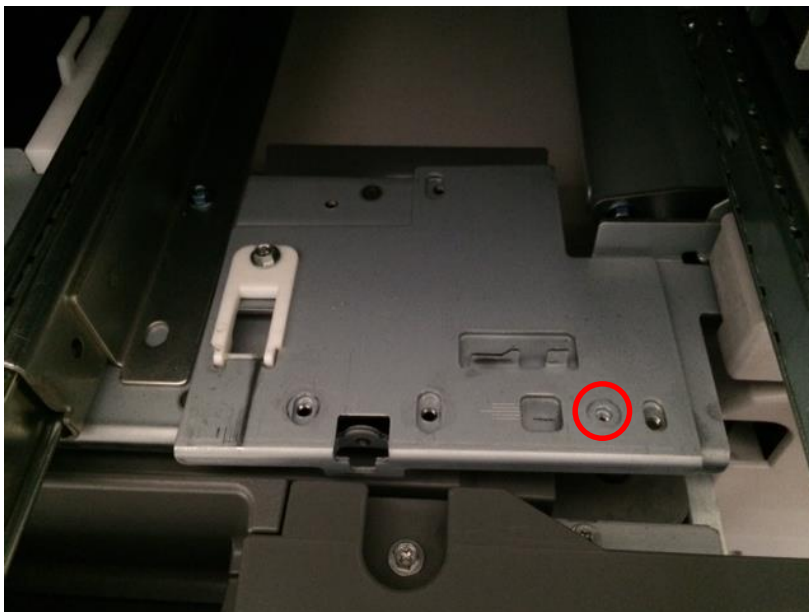
3. Remove the stopper from the tandem tray. (Screw x4)



4. Attach the new stopper to the tandem tray with the four screws removed in the previous step.

**NOTE**

First fasten the screw to the reference screw hole circled in the photo below.





















5. Put back the right tandem tray to complete the procedure.

Model: Katana-C2 (Bellini-C4)		Date: 30-Jul-15	No.: RD059111
Subject: New service part – PostScript3 Unit Type 1357		Prepared by: J. Ohno	
From: 1st Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input 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"/> Tier2

The controller option PostScript3 Unit Type 1357 was registered as a service part, because the production of Katana-C2 has been discontinued.

Old p/n	New p/n	Description	Q'ty	page	index	Int	Note
-	D4515005	SD-CARD:PS3:BELL-C4:EXP:ASS'Y	1	3	24	-	Add

## PARTS CATALOG: Controller Options

		 
	<b>HDD Encryption Unit Type A (D377-16)</b>	<b>Printer/Scanner Unit Type 1357 (D451-01/-02/-03/-04)</b>   
 	<b>IEEE 802.11g Interface Unit Type K (D377-19)</b>    	<b>IPDS Unit Type 1357EX (D451-08/-12/-13)</b> 
		<b>VM Card Type J (D463-01/-02/-04)</b> 
		<b>PostScript3 Unit Type 1357 (D451-05/-07/-25)</b> 

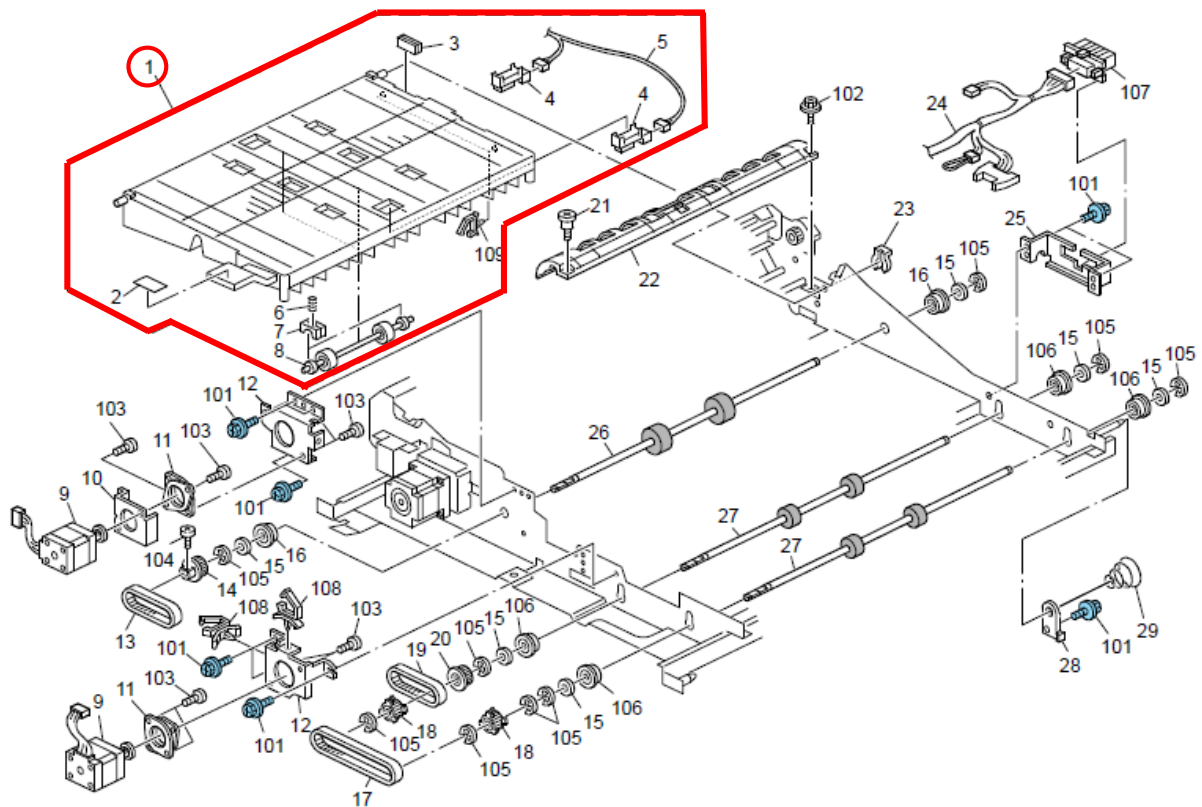


Model: Katana-C2 (Bellini-C4)		Date: 14-Oct-15	No.: RD059112
Subject: Parts catalog correction – Duplex unit guide plate p/n		Prepared by: J. Ohno	
From: 1st PP Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input 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

The following part number was added to the parts catalog.

Old p/n	New p/n	Description	Q'ty	Int	Page	Index	Note
-	D0594850	GUIDE PLATE:OPEN AND CLOSE: DUPLEX:LEFT:SUB-ASS'Y	1	-	139	1	Add

## 61.Duplex Unit 4 (D059/D060/D061)



Model: Katana-C2 (Bellini-C4)		Date: 25-Dec-15	No.: RD059113
Subject: Parts Catalog Correction New service part – SLIDE RAIL		Prepared by: R. Shohda	
From: 1st Tech Service Sect., PP Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input 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

Please add the following correction to your parts catalog.

New p/n	Description	Q'ty	Int	Page	Index	Note
B2342485	SLIDE RAIL:TRAY UNIT:AROUND THE PHOTOCONDUCTOR	2	-	103	29	Add

## 43.PCU 1 (D059/D060/D061)

