

Reissued: 25-Mar-14

Model: Kr-P2	Date: 10-Nov-09	No.: RM047001f
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RTB Reissue

The items in ***bold italics*** have been changed.

Subject: Firmware Release Note: PS3/PDF		Prepared by: Y. Nishida	
From: MFP/Printer Tech Service Dept., 3rd 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 (Firmware)	<input checked="" 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
<i>1.06</i>	<i>M0475848G</i>	<i>April 2014 production</i>	<i>Available</i>
1.05	M0475848F	March 2012 production	Available
1.04	M0475848E	December 2011 production	Available
1.03	M0475848D	September 2011 production	Available
1.02	M0475848C	May 2011 production	Available
1.01	M0475848B	February 2010 production	Available
1.00	M0475848A	1st Mass production	Available

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.

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

Version	Modified Points or Symptom Corrected
<i>1.06</i>	<i>Symptom corrected:</i> <ol style="list-style-type: none"> <i>The device might hang when receiving lpr jobs repeatedly while Network Administrator Authentication is set on.</i> <i>Printer stalls with "Printing" displayed on the operation panel, if printing PDF files that are left empty of particular resource objects.</i>
1.05	Symptom corrected: <ol style="list-style-type: none"> PDF direct jobs cause the Printer to stall displaying "Processing" indefinitely. This occurred if the PDF contained a Resource that contained a font name defined using binary (instead of ASCII). (GFPR#RE11080005) When a PS job is submitted with PS operator such as "gsave" or "grestore" occurred a number of run time mismatch, the device will output as blank pages. (GFPR#RC11090007) A portion of a character missing will be occurred when a PS job is submitted with wrong information of printable area.
1.04	Symptom corrected: PDF direct print jobs containing CID fonts are canceled. (GFPR#RE11050014)

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Model: Kr-P2		Date: 10-Nov-09	No.: RM047001f
1.03	<p>Symptom corrected:</p> <ol style="list-style-type: none"> 1. Only the first page of a PDF containing multiple pages might be printed if submitted using PDF Direct. (GFPR#RE10080008) 2. PDF jobs submitted using PDF Direct and containing Cross Reference Tables meeting very specific conditions, might be output as blank pages. (GFPR#RE10080008) 3. Extended ASCII characters in PDFs submitted via PDF Direct are garbled in the print out. (GFPR#RE10060010) 4. A bug in the way black and white images were processed caused them to be printed more slowly under very specific conditions. (GFPR#RE10080001) 5. If "TBCP" is selected as the PostScript data format (PS menu > Data Format), error reports might not be generated even if "Print Error Report" is ON. (GFPR#RC10090004) 6. In-line images might be omitted from jobs output using PDF Direct. (GFPR#RE10100005) 7. Part of an image might fail to print in cases where "ReusableStreamDecode Filter" is called using the "PaintProc" command. (GFPR#RE11020014) 		
1.02	<p>Symptom corrected:</p> <p>Multiple copies are submitted but only 1 copy is printed. This can occur if the following conditions are met:</p> <ul style="list-style-type: none"> - All trays are locked (Operation panel: Menu > Paper Input > (all trays are) Aut. Tray Select = OFF, Web Image Monitor: Configuration > Device Settings > Paper > (all trays are) Apply Auto Paper Select=OFF) - Menu > System > Tray Switching = OFF 		
1.01	<p>Symptom corrected:</p> <ol style="list-style-type: none"> 1. Slow printing if following applications configure circular gradient to images: <ul style="list-style-type: none"> - DTP applications (Quark XPress, Corel DRAW, etc.) - Adobe applications (Illustrator, Acrobat, etc.) - Microsoft Office 2007 2. The printer might hang up in the case where a host system (HP Output Management for an example) separates PDL/PS data into numbers of small packets. 		
1.00	1st Mass production		

Reissued: 18-Oct-10

Model: Kr-P2	Date: 10-Nov-09	No.: RM047002a
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RTB Reissue

The items in bold italics have been added.

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

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

Version	Program No.	Effective Date
1.05	<i>M0475836D</i>	<i>September 2010 production</i>
1.04	M0475836C	1st Mass production.

Version	Modified Points or Symptom Corrected
1.05	<p><i>Other changes:</i> <i>SSL-related changes:</i> <i>Note: The new fields will only appear if Network Support firmware version 9.11 or later and Printer firmware version 1.05 or later have also been applied to the device.</i></p> <ol style="list-style-type: none"> <i>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.</i> <i>Web Image Monitor now shows the certificate's key length in:</i> <ul style="list-style-type: none"> <i>Configuration > Security > Device Certificate > Details</i> <i>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:</i> <ul style="list-style-type: none"> <i>Configuration > Security > Network Security</i> <i>Configuration > Security > SSL/TLS</i> <i>The encryption strength used for SSL can now be configured. This can be done using either of the following settings in Web Image Monitor:</i> <ul style="list-style-type: none"> <i>Configuration > Security > Network Security</i> <i>Configuration > Security > SSL/TLS</i>
1.04	1st Mass production

Reissued: 23-Feb-12

Model: Kr-P2	Date: 10-Nov-09	No.: RM047003d
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RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: Option PCL		Prepared by: Y.Ohi	
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.10	M0475844E	March 2012 production	Available
1.09	M0475844D	December 2011 production	Available
1.08	M0475844C	September 2011 production	Available
1.07	M0475844B	January 2011 production	Available
1.06	M0475844A	1st Mass production	Available

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.

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

Version	Modified Points or Symptom Corrected
1.10	Symptom corrected: HP-GL jobs might be missing objects or fail to print completely. (GFPR#RE11040006, GFPR#RE11090002, GFPR#RE12010005)
1.09	Symptom 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. (GFPR#RE11040007) 2. Image rotation might result in parts of a page being blacked out. (GFPR#RA11030001)
1.08	Other changes: 1. Characters or symbols missing from the printouts of jobs containing HP-GL/2. 2. Objects out of position in PCL5 jobs containing HP-GL/2 and macro.

Reissued: 23-Feb-12

Model: Kr-P2		Date: 10-Nov-09	No.: RM047003d
Version	Modified Points or Symptom Corrected		
1.07	Symptom corrected: <ol style="list-style-type: none">1. 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.2. PCL XL error resulting in jobs being cancelled occurring under a very specific set of circumstances.3. A device stall might occur if using a very specific combination of font types.4. 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.		
1.06	1st Mass production		

Reissued: 01-Nov-13

Model: Kr-P2	Date: 10-Nov-09	No.: RM047004i
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RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: Printer		Prepared by: Y. Nishida	
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept..			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other (Firmware)	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
1.14	M0475841J	December 2013 production	Not available
1.08	M0475841H	December 2011 production	Not available
1.07	M0475841G	September 2011 production	Not available
1.06	M0475841F	May 2011 production	Not available
1.05	M0475841E	December 2010 production	Not available
1.04	M0475841D	September 2010 production	Not available
1.03	M0475841C	July 2010 production	Not available
1.02	M0475841B	March 2010 production	Available
1.00	M0475841A	1st Mass production	Available

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.

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

Version	Modified Points or Symptom Corrected
1.14	Symptom corrected: The printing position adjustment from the operation panel (Menu -> Maintenance -> Quality Maintenance -> Registration -> Adjustment -> "Tray#" -> "Enter the value" -> OK) might fail and show the error message "Privileges are required to use this function. Machine Admin." when Machine Administrator Authentication is set to on.
1.08	Symptom corrected: 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.
1.07	Symptom corrected: 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.
1.06	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 PJI USTATUS with the number of pages in the current copy. Instead the device will return the total number of pages for all copies.

Reissued: 01-Nov-13

Model: Kr-P2		Date: 10-Nov-09	No.: RM047004i
Version	Modified Points or Symptom Corrected		
	Symptom corrected: Any job (compressed or not compressed) might cause the device to stall if "Menu > System > Print Compressed Data" = ON.		
1.05	Other changes: The setting "Menu > Host Interface > Network > Permit SSL/TLS Comm." has been added. Note: For this change to take effect, Network Support firmware version 9.11 or later and Web Support firmware version 1.05 or later both need to be applied to the printer.		
1.04	Symptom corrected: Suspending a job (Suspend/Resume button) and then opening a tray might result in the printer hanging. The job cannot be resumed and the printer must be rebooted.		
1.03	Symptom corrected: 1. Upon receiving a paper size mismatch, users are not given the option to continue printing nor are they told the required paper size. The only option given is to reset the job. 2. Any job (compressed or not compressed) might cause the device to stall if "Menu > System > Print Compressed Data" = ON. 3. The Envelope Lever Alert is displayed even if it is disabled (Maintenance > General Settings > Envelope Lever Alert > Do not Display). Note: To fix this problem, Printer firmware version 1.03 or later and System firmware version 1.03 or later both need to be applied to the device. 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.).		
1.02	Symptom corrected: 1. The "IPDS Form List" (Web Image Monitor > Configuration > Printer > IPDS Form List) might seem to display more forms than are actually in the list. This occurred because some items were displayed more than once. 2. Resetting IPDS fonts (Web Image Monitor > Configuration > Printer > Reset IPDS Fonts) twice in a row or printing the IPDS Font List (Menu button > List/Test Print > IPDS Font List) twice in a row might result in the device stalling. 3. All of the sub-menus under the Menu button are still accessible even though there is an active IPDS session. If there is an active IPDS session, only the following sub-menus should be accessible: - Paper Input - Print Settings > IPDS Menu - Host Interface Everything in the "Web Image Monitor > Configuration > Printer > Basic Settings" menu is accessible even if there is an active IPDS session. If there is an active IPDS session, only the following items should be displayed in "Web Image Monitor > Configuration > Printer > Basic Settings": - IPDS Menu - Host Interface		

Reissued: 01-Nov-13

Model: Kr-P2		Date: 10-Nov-09	No.: RM047004i
Version	Modified Points or Symptom Corrected		
	<ol style="list-style-type: none"> 4. IPDS jobs are cancelled if submitted to a tray whose paper type is configured as a "User Paper Type". 5. A form is assigned to a tray (Web ImageMonitor > Configuration >Printer > Basic Settings > IPDS Menu > IPDS Form Allocation), but this form assignment cannot be seen in the operation panel setting (Menu button > Print Settings > IPDS menu > Tray Form). 6. The following steps might stall the device. <ol style="list-style-type: none"> 1. Configure "Menu button > Print Settings > IPDS menu > Color Simulation > Legacy" 2. Navigate to the last page of the IPDS menu and hit the Escape button. 7. The Reset IPDS Fonts confirmation dialogue cannot be closed without stalling the device. After the IPDS fonts are reset (Menu button > Maintenance > HD Management > Reset IPDS Fonts > OK) a confirmation "Are you sure you want to reset IPDS Fonts?" is shown. This is correct. However, due to this bug, it would be shown repeatedly if "Yes" was pressed. The only way to close this dialogue was to press "No". Furthermore, if "No" was pressed after "Yes" had been pressed 3 or more times, the device would stall. 8. An IPDS Form using a "User Paper Type" can be assigned to a tray that is unable to print that Paper Type. This only occurred if the IPDS form was assigned to the tray via Web ImageMonitor. 9. If IPDS fonts are reset (Menu button > Maintenance > HD Management > Reset IPDS Fonts), users might not be able to logout from the operation panel. 10. An IPDS Form can be created with an unsupported "Media Orientation" (ie. A3 LEF). 		
1.00	1st Mass production		

Model: Kr-P2	Date: 10-Nov-09	No.: RM047006
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Subject: Firmware Release Note: Option Netware		Prepared by: M. Ishihara	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date
9.08	M3775830	1st Mass production

Version	Modified Points or Symptom Corrected
9.08	1st Mass production

Reissued: 26-Apr-12

Model: Kr-P2	Date: 10-Nov-09	No.: RM047007d
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RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: Network Support		Prepared by: Y. Nishida	
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
9.14	M0475834F	June 2012 production	Not available
9.13	M0475834E	August 2011 production	Not available
9.11	M0475834D	October 2010 production	Not available
9.09	M0475834C	February 2010 production	Available
9.08	M0475834B	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
9.14	Symptom corrected: <ol style="list-style-type: none"> 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. Device applications or services that use any of port 80, 443, 7443 or 7444 could not be used. This occurs if an 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.
9.13	Symptom corrected: <ol style="list-style-type: none"> An httpd timeout has been implemented to prevent Web ImageMonitor lockups that sometimes occurred when applications accessed the printer by http. If Windows Authentication is enabled, printing a large number of copies of a job might take longer than might typically be expected. Chunk Transfer Encoding over an IPP port might results in print jobs being reset. If SSDP = Active (Web ImageMonitor > Configuration > Network Security), a high load on the CPU might result in Web ImageMonitor locking up. LP with an external controller will lose network connectivity. This only occurred if the network settings were changed repeatedly and the LP's "NetWare" setting was already "Active" (before the network settings were changed).

Reissued: 26-Apr-12

Model: Kr-P2		Date: 10-Nov-09	No.: RM047007d
Version	Modified Points or Symptom Corrected		
	<ol style="list-style-type: none"> The LP icon might not be shown in the Windows "Network" dialogue if SSDP is enabled. This affected Windows Vista, 2008/R2, and 7. The device might lose network connectivity if SSDP is enabled. Network connectivity could be temporarily restored after a power cycle. Under very specific combinations of IP address, Subnet Mask, and Gateway address, some of the printer's network configuration settings might revert to defaults. 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. 		
9.11	<p>Symptom corrected:</p> <ol style="list-style-type: none"> 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. 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 Address book. 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. The printer's Windows Authentication function is unable to use Kerberos when being authenticated on a Windows 2008 or Windows 2008 R2 server. The printer will still be successfully authenticated because it is able to fall back to NTLMv2. If the printer'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 printer is rebooted. <p>Other changes: -----</p> <p>SSL-related changes: Note: The new field will only appear if Web Support firmware version 1.05 or later and Printer firmware version 1.05 or later have also been applied to the device.</p> <ol style="list-style-type: none"> 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. Web Image Monitor now shows the certificate's key length in: <ul style="list-style-type: none"> Configuration > Security > Device Certificate > Details 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: <ul style="list-style-type: none"> Configuration > Security > Network Security Configuration > Security > SSL/TLS The encryption strength used for SSL can now be configured. This can be done using either of the following settings in Web Image Monitor: <ul style="list-style-type: none"> Configuration > Security > Network Security 		

Reissued: 26-Apr-12

Model: Kr-P2		Date: 10-Nov-09	No.: RM047007d
Version	Modified Points or Symptom Corrected		
	<ul style="list-style-type: none"> - Configuration > Security > SSL/TLS <p>-----</p> <ul style="list-style-type: none"> 5. For security reasons, the device will no longer accept SSL incoming, or establish outgoing, connections that use NULL or ADH ciphers. 6. Windows Authentication fails if the username or password includes lower-case European characters. 7. 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. 		
9.09	<p>Symptom corrected:</p> <ul style="list-style-type: none"> 1. SDK/J applications might not be able to recognize some supported USB devices. 2. When the device IP address and DNS server location are obtained from DHCP, the domain specified by the device setting "IPv4 > Domain Name > Specify" will be overwritten by the domain obtained from DHCP. <p>Other changes:</p> <ul style="list-style-type: none"> 1. Scan to Folder destinations located on Windows 7 or Windows Server 2008 R2 can now be selected by browsing. 2. The MFP now supports CIFS, DFS and NTLM v2. 		
9.08	1st Mass production		

Reissued: 16-Nov-11

Model: Kr-P2	Date: 10-Nov-09	No.: RM047008b
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RTB Reissue

The items in bold italics have been changed.

Subject: Firmware Release Note: Engine(P2D)		Prepared by: M. Ishihara	
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

This RTB has been issued to announce the firmware release information for the **Engine(P2D)**.

Version	Program No.	Effective Date
1.05:02	M0475811B	December 2009 production
1.04:02	M0475811A	1st Mass production

Version	Modified Points or Symptom Corrected
1.05:02	<p>Symptom corrected: Cannot print with curl prevention mode (User Program mode).</p> <p><i>Do not install this firmware on a board which has a newer version of firmware (the newer version of the firmware starts with a "A" e.g. v.A2.0:**) . If you install the old firmware on the new engine board by mistake, the new engine board will be damaged, and there is no way to repair except replace it.</i></p>
1.04:02	1st Mass production

Reissued: 15-Jun-10

Model: Kr-P2	Date: 10-Feb-10	No.: RM047009a
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RTB Reissue

The items in bold italics have been corrected.

Subject: Firmware Release Note: Network DocBox		Prepared by: M.Ishihara	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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 **Network DocBox**.

Version	Program No.	Effective Date
<i>1.01</i>	<i>M0475835B</i>	<i>July 2010 production</i>
1.00	M0475835A	1st Mass production

Version	Modified Points or Symptom Corrected
<i>1.01</i>	<i>Symptom corrected:</i> <i>1. The printer might not transfer the job log or the access log to Web SmartDeviceMonitor or Remote Communication Gate S Pro.</i>
1.00	1st Mass production

Model: Kr-P2	Date: 10-Feb-10	No.: RM047010
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Subject: Firmware Release Note: PCL Font		Prepared by: M.Ishihara	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date
1.00	M3775832	1st Mass production

Version	Modified Points or Symptom Corrected
1.00	1st Mass production

Reissued:02-Mar-10

Model: Kr-P2	Date: 10-Feb-10	No.: RM047011b
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RTB Reissue

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

Subject: Firmware Release Note: RPCS		Prepared by: M.Ishihara	
From: 2nd Overseas Tech Support Sec., 2nd PQM 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

The RPCS firmware is needed for the XPS driver even though the RPCS driver is not used on the Kr-P2.

RPCS is not used for the Kr-P2 in overseas market. It is used for the Kr-P2 in Japanese market only.

So please disregard below.

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

Version	Program No.	Effective Date
3.9.4	M0475842	1st Mass production

Version	Modified Points or Symptom Corrected
3.9.4	1st Mass production

Reissued: 23-Feb-12

Model: Kr-P2	Date: 23-Feb-10	No.: RM047012a
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RTB Reissue

The items in bold italics have been added.

Subject: Firmware Release Note: Option IPDS		Prepared by: Y.Ohi	
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Other (Firmware)	<input checked="" type="checkbox"/> Tier 2

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

Version	Program No.	Effective Date	Availability of RFU
7.076	M3775839A	March 2012 production	Not available
7.033	M3775839	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
7.076	Symptom corrected: <ol style="list-style-type: none"> <i>If a host prematurely terminates an IPDS session with the MFP, subsequent IPDS jobs cannot be printed. The data-in LED will just blink. Though any pre-mature termination of an IPDS session could cause the problem, testing has shown that the problem was most likely to occur if the IPDS session was terminated mid-job.</i> <i>Barcode "CODE 128" might be printed with the wrong dimensions.</i> <i>If a job contains 2 different fonts of the same name, characters might be unexpectedly printed in bold or italics, or in some cases might be garbled.</i> <i>Jobs that contain large images and use soft fonts might be cancelled.</i> <i>Intermittent NACK(0595..11) resulting in jobs being cancelled.</i>
7.033	1st Mass production

Model: Kr-P2	Date: 20-Apr-11	No.: RM047013
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Subject: Printer Service Mode		Prepared by: M.Ishihara	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

The items in ***bold italics*** have been added to “**Model Kr-P2 Machine Code: M047 Appendices**”.

Please add the following information to Section 3 “Appendix: SP Mode Tables” in the ***Appendices*** on page 25.

Printer Controller Service Mode

Service Mode Menu ("1. Service Menu")

1001	Bit Switch		
006	Bit Switch 6	0	1
	<i>Timing of the PjL Status ReadBack (JOB END) when printing multiple collated copies.</i>	<i>0: Disabled</i>	<i>1: Enable</i>
	<i>This bit switch determines the timing of the PjL USTATUS JOB END sent when multiple collated copies are being printed.</i> <i>0 (default): JOB END is sent by the device to the client after the first copy has completed printing. This causes the page counter to be incremented after the first copy and then again at the end of the job.</i> <i>1: JOB END is sent by the device to the client after the last copy has finished printing. This causes the page counter to be incremented at the end of each job.</i>		

Model: Kr-P2		Date: 26-Oct-11	No.: RM047014
Subject: PCB: EGB: Krs-P2D: Exp: Ass'y		Prepared by: M. Ishihara	
From: 3rd Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

Important Information About Engine PCB Replacement

Background

Due to the March 11 earthquake and tsunami disaster in the Tohoku region of Japan, many production facilities in the area suffered extensive damage. This has caused an interruption in the supply of electrical parts for engine PCBs used on Ricoh products. To continue machine production, a different type of CPU had to be used on engine PCBs.

Service parts changes

- 1) As a result, a modified version of the engine firmware is preloaded on boards that use the new CPU. This change is shown in the first and second line in the table below.

Note: There is **no difference** in machine function or performance. This is why the interchangeability of boards with the old and new CPUs is O/O.

- 2) The board containing the old CPU (and old firmware) is still available to order, under a new part number. This is shown in the third and forth line in the table below.

Note: This is because some machines in the field still require the old firmware version (e.g. customized machines, locally tested/approved machines).

Old Part Number	New Part Number	Description	I/C
M0475011	M0475012	PCB:EGB:KRS-P2D:Exp:Ass'y for NA	O/O
M0475005	M0475006	PCB:EGB:KRS-P2D:EU:Ass'y for EU, Asia, China	O/O
	M0475016	PCB:EGB:KRS-P2D:Exp:Ass'y for NA	
	M0475008	PCB:EGB:KRS-P2D:EU:Ass'y for EU, Asia, China	

Cut-in S/N: **NA: S8319200073 - , China: S8319200133 - , EU, Asia: S8319100058 -**

Important Notes

Make sure to keep the following in mind:

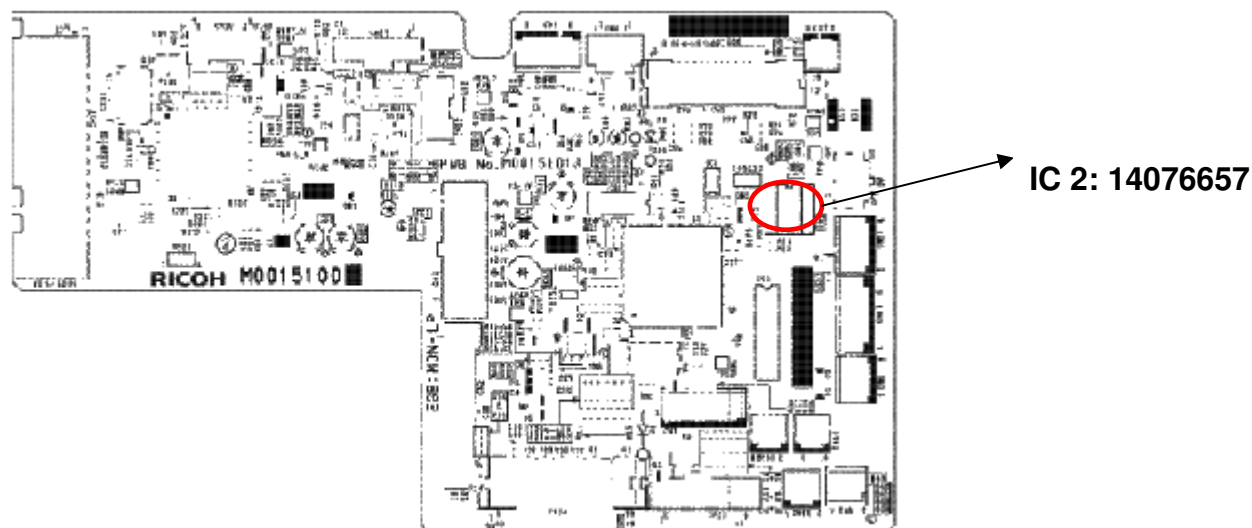
- Do not install the old firmware (v.1.05:02 or older) on the new engine board. This is because the old firmware **cannot be used** on the new board and the new firmware (v.A2.0:20 : The new version starts with "A") **cannot** be used on the old board. For this reason, **the new firmware will not be released to the field.**
- If you replace the engine board on a machine that still requires the **old** firmware version, as mentioned above, please order the board using P/N M0475016 (=M0475011) for NA, or M0475008 (=M0475005) for EU, Asia and China.

Model: Kr-P2		Date: 26-Mar-11	No.: RM047015
Subject: NVRAM on the EGB and the Controller Board		Prepared by: M. Ishihara	
From: 3rd Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information

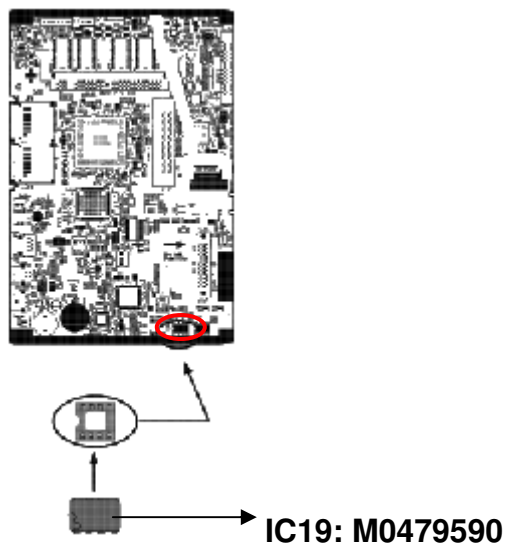
Old P/N	New P/N	Description	Q'ty	Int	Page	Index	Note
-	14076657	EEPROM: BR93L76-W	1				3D P/C
14076732	M0479590	NVRAM Counter: Zero	1-1	X/O			3D P/C

Reason/Change: The NVRAM (P/N 14076657, IC 2) on the EGB is now available as a service part. The part number for the NVRAM (P/N M0479590, IC 19) on the Controller Board was updated.

EGB



Controller Board



Model: Kr-P2		Date: 24-Sep-12	No.: RM047016
Subject: MANUAL FEED SUB-UNIT:ASS'Y missing in the 3DPC		Prepared by: Y. Nishida	
From: 3rd Tech Service Sect., MFP/P Tech Service Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input checked="" type="checkbox"/> Part information <input type="checkbox"/> Action required <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Service manual revision <input type="checkbox"/> Paper path <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Retrofit information <input type="checkbox"/> Product Safety <input type="checkbox"/> Other ()		

Old P/N	New P/N	Description	Q'ty	Note
-	G1682563	MANUAL FEED SUB-UNIT:ASS'Y	1	3D PC MANUAL FEED section

Reason/Change: The "Manual Feed Sub-unit Ass'y" (P/N G1682563) was missing in the 3D Parts Catalogue.

