# Technical Bulletin

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Model: RMY-P2/MF2			Date: 18-Oc	t-16	No.: RM0A7001
Subject: Launch of the new model RMY-P2/MF2 (differences from the predecessor model)			es from the	Preparec	l by: Y.Miyamoto
From: 1nd Tech Service Sect., MFP/Printer Tech Service Dept.					
Classification:          Troubleshooting        Part informati             Mechanical           Electrical             Paper path           Transmit/recercing             Product Safety           Other (New model)		ormation al hit/receive New model)	Action	n required ce manual revision fit information 2	

This bulletin announces the differences between the new model RMY-P2/MF2 and its predecessor model RMY-P1/MF1. As you are probably aware, an FSM exclusive for the new model will not be released. Please refer to the FSM of the predecessor model and this bulletin when servicing RMY-P2/MF2.

The following are the differences between the two models:

- 1. The Laser Caution decal
- 2. Replacement procedure of the PSU
- 3. Updated SC table
- 4. Updated SP table

### 1. The Laser Caution decal

#### Safety Notices (pg.1)

The laser caution decal was modified in line with the revised laser safety standard.

### **WARNING**

 Turn off the main switch before attempting any of the procedures in the Laser Optics Housing Unit section. Laser beams can seriously damage your eyes.

### **CAUTION MARKING:**



Model: RMY-P2/MF2

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#### Laser Unit (pg.39)

The laser caution decal was modified in line with the revised laser safety standard.



### 2. Replacement procedure of the PSU

Site:

4. Replacement and Adjustment > Electrical Components (Pg. 72)

The replacement procedure of the PSU has changed due to the difference in the location of the PSU between the two models. In the predecessor model, the PSU is installed at the bottom of the machine, and in the new model it is in the right cover.



Also, a caution note has been added as follows.

#### **▲**CAUTION:

**NEVER touch** the areas outlined in red in the photos below to prevent electric shock caused by residual charge.

Residual charge of about 100V-400V remains on the PSU board for several months even when the board has been removed from the machine after turning off the machine power and unplugging the power cord.



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Model: RMY-P2/MF2

Date: 18-Oct-16

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#### D2875313 : NA/TWN: PSU ASS'Y







Model: RMY-P2/MF2

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### Replacement procedure

- 1. Pull out the standard paper tray.
- 2. Front cover (page 29 "Front Cover")
- 3. Rear cover (page 34 "Rear Cover")
- 4. Right cover (page 35 "Right Cover")

### Right side after taking off the Right cover



5. Remove the PSU:ASS'Y. (P×4, harness x3, clamp x1)



6. PSU:ASS'Y



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### 3. SC table

The following changes were made in the SC table.

- SC542 and SC560 added.
- SC 669 deleted.
- Revised descriptions in *red italics*.

#### Site:

6. Troubleshooting > Service Call > Engine SC (pg.124)

#### SC 2xx (Laser Optics Error)

	Polygon motor on timeout error
202	The polygon mirror motor does not reach the targeted operating speed within 10 sec.
	after turning after turning.
	<ul> <li>Polygon motor/driver board harness loose or disconnected</li> </ul>
	Polygon motor/driver board defective
	<ul> <li>Laser optics unit defective</li> </ul>
	1. Turn the machine main power off/on.
	2. Replace the interface harness of the laser optics unit.
	3. Replace the laser optics unit.
	Polygon motor off timeout error
	The polygon mirror motor does not leave the READY status within 20 sec. after the
	polygon mirror motor switched off.
	<ul> <li>Polygon motor/driver board harness loose or disconnected</li> </ul>
203	Polygon motor/driver board defective
	Laser optics unit defective
	1. Turn the machine main power off/on.
	2. Replace the interface harness of the laser optics unit.
	3. Replace the laser optics unit.
	Beam Synchronize error
	The laser synchronizing detection signal for LD is not output within 400msec after the LD
	unit has turned on.
	<ul> <li>Disconnected cable from the laser synchronizing detection unit or defective</li> </ul>
	connection
220	<ul> <li>Defective laser synchronizing detector</li> </ul>
220	Defective LD
	Defective Main board
	1. Turn the machine main power off/on.
	2. Check the connectors.
	3. Replace the laser optics unit.
	4. Replace the Main board.

#### SC 4xx (Image Transfer and Transfer Error)

	5
	Bias leak
	Bias leaked at the drum charge, development charge, or transfer charge. PWM signals
	are sampled at 20 msec. intervals. This SC is issued if 10 PWM samplings within 200
	msec. are abnormal.
	HVPS harness loose, broken, defective
491	HVPS board defective
	AIO terminal defective
	Cycle the machine off/on
	<ul> <li>Check all the harness connections of the HVPS</li> </ul>
	<ul> <li>Check spring-loaded AIO terminal installation behind the HVPS</li> </ul>
	Replace HVPS

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Model: RMY-P2/MF2 Date: 18-Oct-16 No.: RM0A7001 SC 5xx (Motor and Fusing Error) 530 Exhaust fun error The FAN lock signal - High for 10 seconds, after the fan motor started to rotate. Disconnected or defective fan motor harness. 1. Turn the machine main power off, and then on. 542 Fuser reload error This SC occurs, if any of the following conditions are met: (New) In a 100V power supply environment: 1. The fusing temperature increased 6 degrees C or less for 5 times consecutively within 1.5 seconds. 2. The fusing temperature did not reach 45 degrees C within 11 seconds after the fusing lamp turned ON. 3. The fusing temperature did not reach the reload temperature within 35 seconds in a normal/high temperature operational environment, or 55 seconds in a low temperature operational environment. In a 200V power supply environment: 1. The fusing temperature increased 9 degrees C or less for 5 times consecutively within 1.5 seconds. 2. The fusing temperature did not reach 45 degrees C within 11 seconds after the fusing lamp turned ON. 3. The fusing temperature did not reach the reload temperature within 35 seconds in a normal/high temperature operational environment, or 50 seconds in a low temperature operational environment. Disconnected or defective thermistor • Incorrect input power supply detected at the main power socket Heater defective or thermostat circuit disconnected Important To resolve the SC, execute "Reset Fusing Unit SC" after solving the problem, or the system will continue to alert the SC. 547 Zero cross error The zero cross signal is detected three times even though the fusing lamp relay is off when turning on the main power. The zero cross signal is not detected for 3s even though the fusing lamp relay is on • after turning on the main power or closing the front door. The detection error occurs twice or more in 10 zero cross signal detections. This error is defined when the detected zero cross signal is less than 45. The zero cross signal is not detected for 3s while the main power remains ON. Defective fusing relay Defective fusing relay circuit • Shorted +24V fuse on the PSU • Unstable power supply Check the power supply source 1. Replace the +24V fuse on the PSU 2. Replace the PSU 3. 1 Turn the machine main power off/on 560 Fuser reload error due to low voltage (New) In a 100V power supply environment: 1. The fusing temperature increased 6 degrees C or less for 5 times consecutively within 1.5 seconds. 2. The fusing temperature did not reach 45 degrees C within 11 seconds after the fusing lamp turned ON. 3. The fusing temperature did not reach the reload temperature within 35 seconds in a normal/high temperature operational environment, or 55 seconds in a low temperature operational environment. 4. The fusing temperature was 100 degrees C or more below the target temperature for 5.2 seconds during the waiting and printing statuses.

In a 200V power supply environment:

Model: RMY-P2/MF2	Date: 18-Oct-16	No.: RM0A7001			
<ol> <li>The fusing temperature increased 9 degrees C or less for 5 times consecutively within 1.5 seconds.</li> <li>The fusing temperature did not reach 45 degrees C within 14 seconds after the fusing lamp turned ON.</li> </ol>					
<ol> <li>The fusing temperature did not reach the reload temperature within 45 seconds in a normal/high temperature operational environment, or 65 seconds in a low temperature operational environment.</li> <li>The fusing temperature was 100 degrees C or more below the target temperature for</li> </ol>					
<ul> <li>Disconnected or defective thermistor</li> <li>Incorrect input power supply detected at the main power socket</li> </ul>					
<ul> <li>Heater defective or thermostat circuit disconnected</li> <li>1. Turn the machine main power off/on.</li> <li>2. Replace the interface harness of the fuser unit.</li> <li>3. Replace the fuser unit.</li> </ul>					

#### SC 6xx (Communication and other Error)

669	This SC was deleted, because RMY-P2/MF2 is not installed with an EEPROM.
(Deleted)	
	The engine does not receive the image transfer command from the controller.
688	This SC occurs, if the following condition is met:
	<ul> <li>The engine does not receive the image transfer command from the controller</li> </ul>
	within the prescribed time (20sec) after the registration roller reaches the
	standby position.
	<ul> <li>Defective controller board</li> </ul>
	<ul> <li>Communication error between the engine and controller</li> </ul>
	Turn the machine main power off/on

### 4. SP table

Revised descriptions in *red italic*.

Site (RMY-P1):

5. Service Tables > Smart Organizing Monitor (Pg. 81)

Paper Input

ltem	Selections	Remarks
Custom Paper Size : <i>Tray1</i>	Horizontal : 100-216mm Vertical : 148-356mm	<ul> <li>3.54 – 8.50 inch. Precision is two digits after the decimal point in inch or one digit after the decimal point in mm. If an input value is more than the maximum value, then it will be treated as the maximum value.</li> <li>If an input value is less than the minimum value, then it will be treated as the minimum value.</li> </ul>
Custom Paper Size : <i>Bypass</i>	Horizontal : 90-216mm Vertical : 140-356mm	<ul> <li>5.83 – 14.02 inch. Precision is two digits after the decimal point in inch or one digit after the decimal point in mm.</li> <li>If an input value is more than the maximum value, then it will be treated as the maximum value.</li> <li>If an input value is less than the minimum value, then it will be treated as the minimum value.</li> </ul>

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Ma	intenance	

Group (Tab)	Item	Selections	Remarks	
Registration Tray 1	Print Test Sheet button	- Sends a PCL command to the printer to print a test sheet. It is disabled when tray 1 is not installed.		
	Adjustment Horizontal	(-15 to +15) step	<ul> <li>0.1 mm per step. Range is -15 mm to +15 mm.</li> <li>If the machine settings are reset to the factory defaults, this value does not change.</li> </ul>	
	Adjustment Vertical	(-15 to +15) step	<ul> <li>0.1 mm per step. Range is -15 mm to +15 mm.</li> <li>If the machine settings are reset to the factory defaults, this value does not change.</li> </ul>	
	Print Test Sheet button	-	Sends a PCL command to the printer to print a test sheet.	
Registration Bypass Tray	Adjustment Horizontal	(-15 to +15) step	0.1 mm per step. Range is $-15$ mm to $+15$ mm.	
	Adjustment Vertical	(-15 to +15) step	0.1mm per step. Range is -15 mm to +15 mm.	
	Print Test Sheet button	-	Sends a PCL command to the printer to print a test sheet.	
Registration Duplex Tray	Adjustment Horizontal	(-15 to +15) step	0.1 mm per step. Range is $-15$ mm to $+15$ mm.	
	Adjustment Vertical	(-15 to +15) step	0.1mm per step. Range is -15 mm to +15 mm.	

#### System

Item	Selections	Remarks
	1~240 minutes	-
Energy Saver Mode 2	30 Seconds*	-
	Off	-

#### SP Mode

Group (tab)	Item	Remarks	
Registration: Tray 1	Horizontal	Adjusts the horizontal registration for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / $\frac{0}{2}$ (Default) / 0.1 mm/step]	
	Vertical: Plain Paper	Adjusts the vertical registration of plain paper for tray1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]	
	Vertical: Thick Paper	Adjusts the vertical registration of thick paper for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / <i>0</i> (Default) / 0.1 mm/step]	
	Vertical: Thin Paper	Adjusts the vertical registration of thin pape for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]	
Registration: Bypass Tray	Horizontal	Adjusts the horizontal registration for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]	
	Vertical: Plain Paper	Adjusts the vertical registration of plain	



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Model: RMY-P2/MF2		Date: 18-Oct-16	No.: RM0A7001	
		paper for tray1. If the marries reset to the factory defaurnot change. [-40 to 40 / 0 (Default) / 0	chine settings are Its, this value does .1 mm/step]	
Vertical: Thick Paper		Adjusts the vertical registration of thick paper for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40  to  40 / 0  (Default) /  0.1  mm/step]		
	Vertical: Thin Paper	Adjusts the vertical registration of thin for tray 1. If the machine settings are to the factory defaults, this value does change. [-40 to 40 / 0 (Default) / 0.1 mm/step]		
	Horizontal	Adjusts the horizontal registration for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]		
Desistration	Vertical: Plain Paper	Adjusts the vertical registration of plain paper for tray1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]		
Duplex Tray	Vertical: Thick Paper	Adjusts the vertical registration of thick paper for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / $\frac{0}{0}$ (Default) / 0.1 mm/step]		
	Vertical: Thin Paper	Adjusts the vertical registration of thin paper for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40 to 40 / 0 (Default) / 0.1 mm/step]		

#### SP Mode 3

Item	Selections
Destination	Sets the destination and updates the engine setting. Do not change this setting (Designed for Factory Use).
	JPN/NA/EU/ASIA/CHINA/TAI/TAIWAN/ <del>KOREA</del>
Chargo Bias	Adjust the charge bias.
Charge blas	[1100 to 1300 / 1200(Default) / <u>25</u> / step]
	Sets the display of alert when each EM parts yield of this machine is
EM Life Display	reached.
	[ <i>On (default)</i> or Off]

Site (RMY-MF1) : 5. Service Tables > Service Program Mode (Pg. 97)

Engine Maintenance				
Charge Bias	[1100 to 1300 / 1200(Default) / 25 / step]			
EM Life Display	[On (default) or Off]			
Registration	Horiz. Tray1	Adjusts the horizontal registration for tray 1. If the machine settings are reset to the factory defaults, this value does not change. [-40.0 to 40.0 /0.0 (Default) / 0.1 mm/step]		

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Model: RMY-P2/MF2		Date: 18-Oct-16	No.: RM0A7001	
	Vert. Trav1	Adjusts the vertic	al registration of plain pa	aper for tray1.
	Plain	If the machine se	ettings are reset to the fa	ctory defaults,
		this value does n	ot change.	•
		[-40.0 to 40.0 / 0.	.0 (Default) / 0.1 mm/ste	p]
	Vert. Tray1	Adjusts the vertic	al registration of thick pa	aper for tray 1.
	Thick	If the machine se	ettings are reset to the fa	ctory defaults,
		this value does n	ot change.	
		[-40.0 to 40.0 / <i>0</i> .	.0 (Default) / 0.1 mm/ste	p]
	Vert. Tray1	Adjusts the vertic	al registration of thin pa	per for tray 1. If
	Thin	the machine sett	ings are reset to the fact	ory defaults, this
		value does not cl	hange.	,
		[-40.0 to 40.0 / 0.	.0 (Default) / 0.1 mm/ste	p]
	Horiz Bypass	Adjusts the noriz	ontal registration for the	bypass tray. If
	tray	the machine set	ings are reset to the fact	ory defaults, this
			(Dofault) / 0.1 mm/stor	nl
	Vart Bypass	$\Delta$ diusts the vertic	al registration of plain p	<u>PJ</u> 2007 for the
	Plain	bypass trav If the	e machine settings are r	eset to the
	1 Idiri	factory defaults	this value does not chan	
		[-40.0 to 40.0 / 0	.0 (Default) / 0.1 mm/ster	ol
	Vert Bypass	Adjusts the vertic	al registration of thick pa	aper for the
	Thick	bypass tray. If the	e machine settings are r	eset to the
		factory defaults,	this value does not chan	ge.
		[-40.0 to 40.0 / 0.	0 (Default) / 0.1 mm/ste	p]
	Vert Bypass	Adjusts the vertic	al registration of thin pa	per for t the
	Thin	bypass tray. If the	e machine settings are re	eset to the
		factory defaults,	this value does not chan	ge.
		[-40.0 to 40.0 / 0.	.0 (Default) / 0.1 mm/ste	p]
	Horiz. Dup.	Adjusts the horiz	ontal registration the bac	ck side in
	Back	duplex mode. If t	he machine settings are	reset to the
		factory defaults, 1	Inis value does not chan	ge.
	Vort Dup	[-40.0 10 40.0 /0.0	O (Delault) / 0.1 mm/step	) oper for the
	Plain	hack side in dupl	ox mode. If the machine	aper for the
	1 10111	reset to the facto	ry defaults this value do	sellings are
		[-40.0  to  40.0 / 0]	(Default) / 0 1 mm/ster	nl
	Vert Dups	Adjusts the vertic	al registration of thick pa	aper for the
	Thick	back side in dupl	ex mode. If the machine	settings are
		reset to the facto	ry defaults, this value do	es not change.
		[-40.0 to 40.0 / 0.	0 (Default) / 0.1 mm/ste	p]
	Vert Dup Thin	Adjusts the vertic	al registration of thin pa	per for the back
		side in duplex mo	ode. If the machine settir	ngs are reset to
		the factory defau	Its, this value does not c	hange.
		[-40.0 to 40.0 / <i>0</i> .	0 (Default) / 0.1 mm/ste	p]
Sets the destination and updates the engine setting. Do not ch		t change this		
Destination Setting (Designed for Factory Use).				
Wasto topor	DUW/NA/EU/ASIA/UHINA/ I AIWAN/ <del>KUKEA</del>			
disposal	Sets the machine operation at "waste toner full" of the refilled AIU.			
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Reissued: 5-Nov-18

Model: RMY-P2/MF2

Date: 18-Oct-16

No.: RM0A7002

#### **RTB** reissue

The items in *bold italics* were corrected.

Subject: Launc	unch of the new model RMY-P2/MF2 (P-to-P diagram) Prepared by: Y.Miyamoto				
From: 1nd Tech	From: 1nd Tech Service Sect., MFP/Printer Tech Service Dept.				
Classification:	<ul> <li>Troubleshooting</li> <li>Mechanical</li> <li>Paper path</li> <li>Product Safety</li> </ul>	<ul> <li>Part information</li> <li>Electrical</li> <li>Transmit/receive</li> <li>Other (New model)</li> </ul>	<ul> <li>Action required</li> <li>Service manual revision</li> <li>Retrofit information</li> <li>Tier 2</li> </ul>		

This bulletin announces the differences in the P-to-P diagram between the new model RMY-P2/MF2 and its predecessor model RMY-P1/MF1.

#### *RMY*-P2:

- 1. The toner end sensor is installed together with the fan, quenching lamp, by-pass feed sensor and thermistor (#1).
- 2. The main motor and paper feed clutch are combined (#2).
- 3. The relay sensor was deleted (#3).
- 4. Part numbers were changed ( $#4 \sim #16$ ).



**Reissued: 5-Nov-18** 

Model: RMY-P2/MF2	Date: 18-Oct-16	No.: RM0A7002	
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1. The toner end sensor is installed together with the fan, quenching lamp, bypass feed sensor and thermistor (#1).



2. The main motor and paper feed clutch are combined (#2).





**Reissued: 5-Nov-18** 

Model: RMY-P2/MF2 Date: 18-Oct-16 No.: RM0A7002

#### 3. The relay sensor was deleted (#3).



4. The part numbers of the harnesses and the region codes were changed (#4  $\sim$  #16).

Number	Item	New Parts Number
4	"Operation Panel" harness	M2875005
5	"ID CHIP CN" harness	M2875680
6	"LDB PCB" harness	M2875654
7	"Polygon Mirror Motor" and	M2871959
	"Thermistor" harness	
8	"Paper Exit Sensor" harness	M2875652
9	"Relay Clutch" and	M2875666
	"Registration Clutch" harness	
10	WIFI Board	M287/M0BB
11	"WIFI" harness	M2875080
12	"Paper End Sensor" and	M2875653
	"Registration Sensor" harness	
13	PSU" harness	M2875651
14	Fusing Lamp	NA : M2874220
		TWN : M2874229
		EU (CHN) : M2874221
15	"Door SW" harness"	M2875681
16	"HVP" harness	M2875670

### Technical Bulletin

#### Reissued: 5-Nov-18

	-
Model: RMY-P2/MF2	Date: 18-Oct-16

No.: RM0A7002

### RMY-MF2:

- 1. A USB is added (#1).
- 2. The toner end sensor is installed together with the fan, quenching lamp, by-pass feed sensor and thermistor (#2 in red).
- 3. The relay sensor was deleted (#3).
- 4. Part numbers were changed ( $\frac{14}{4} \sim \frac{16}{16}$ ).





### Technical Bulletin

#### Reissued: 5-Nov-18

Model: RMY-P2/MF2

Date: 18-Oct-16

No.: RM0A7002

#### 1. A USB is added (#1).



2. The toner end sensor is installed together with the fan, quenching lamp, by-pass feed sensor and thermistor (#2 in red).



3. The relay sensor was deleted (#3).



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### Reissued: 5-Nov-18

Model: RMY-P2/MF2

Date: 18-Oct-16 No.: RM0A7002

RMY-P1/MF1 RMY-P2/MF2 3 Delay Sensor Senso CN T ဗိ 2 CN 97797 ဗိ 2 Т 7779 **CN162** N192 GND SEN\_DUMID\_N +5V GND ŝ SEN DUREVIN 55 N

#### Reissued: 5-Nov-18

Model: RMY-P2/MF2	Date: 18-Oct-16	No.: RM0A7002
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# 4. The part numbers of the harnesses and the region codes were changed (#4 $\sim$ #16).

Number	Item	New Parts Number
4	"ID CHIP CN" harness	M2875680
5	"LDB PCB" harness	M2875654
6	"Polygon Mirror Motor" harness	M2871959
7	"Paper Exit Sensor" harness	M2875652
8	"Main Motor" and	M2875655
	"Paper Feed Clutch" harness	
9	"Relay Clutch" and	M2875666
	"Registration Clutch" harness	
10	WIFI Board	M288/M289/M0BC/M0BD
11	"WIFI" harness	M1555002
12	"Paper End Sensor" and	M2875653
	"Registration Sensor" harness	
13	"Door SW" harness	M2875683
14	"PSU" harness	M2875651
15	Fusing Lamp	NA : M2874220
		TWN : M2874229
		EU (CHN) : M2874221
16	"HVP" harness	M2875670

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Model: Rmy-MF2a			Date: 9-Ma	ar-17	No.: RM0A8002
Subject: Troubleshooting for vertical white streaks			Prepared I	by: K.Nakano	
From: Printer Sec., MFP/P FQM Dept.					
Classification:	<ul> <li>Troubleshooting</li> <li>Mechanical</li> <li>Paper path</li> <li>Product Safety</li> </ul>	Part inform Electrical Transmit/re Other (	nation eceive )	<ul> <li>☐ Action re</li> <li>☐ Service n</li> <li>☐ Retrofit in</li> <li>☑ Tier 2</li> </ul>	quired nanual revision nformation Tier 0.5

#### SYMPTOM

Vertical white streaks may appear on the image.

Note: This occurs regardless of whether the original is scanned with the ADF or on the exposure glass.

#### White streaks (ADF scan, Op-MF3):



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### CAUSE

Firmware bug.

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Model: Rmy-MF2a

Date: 9-Mar-17

No.: RM0A8002

### SOLUTION

### Production line:

The firmware was modified to Ver.1.09 (Cut-in S/N below).

#### **Cut-In Serial Numbers**

- M0A8-21: Y267Q280286 ~
- M0A9-21: Y277Q280071 ~
- M0BD-17: Y937Q210268 ~
- M0BD-27: Y937Q230532 ~
- M288-21: Y047Q280801 ~
- M288-27: Y047Q230376 ~
- M289-21: Y057Q280481 ~
- M289-17: Y056QC10186 ~
- M289-27: Y057Q230027 ~

#### In the field:

Update the firmware to Ver.1.09 or newer.

Module	Program Number	Ver.
Main	M2895054G	1.09

# Technical Bulletin

Model: Rmy-P2			Date: 26-Dec-17		:-17	No.: RM0A7004
Subject:: FSM correction - The replacement procedure for the main board -				Prepare	d by: Akiı	a Shigeta
From: Tech. Support Sec., Product Marketing Dept.		t.				
Classification:	<ul> <li>Troubleshooting</li> <li>Mechanical</li> <li>Paper path</li> </ul>	Part ir     Electri     Trans	nforn ical mit/r	nation receive	□ Actio ⊠ Servi revis □ Retro	n required ice manual ion ofit information
	Other ()					

### **Service Manual Revision**

The procedure for replacing the Main Board was revised as follows.

4. Replacement and Adjustments > Electrical Components > When installing the new main board

#### When installing the new main board

#### **Before replacement**

The following preparation is needed.

- > Install the printer driver and the SOM.
- Create a USB port for the printer. (Figure 1)
- > Verify the PnP ID of the printer. (Figure 2)

Same Pets       Advanced Cate Management       Sacuty       Accessors       Advanced Caters       Pager Sus Settings         RICCH SP 213Nw PCL 6         Print to the following port(s). Documents will print to the first free         excerted port.         Control       Percent post       Pager Hput       Materiance System       Prior       Network 1       Network 2       Network 3       Wreides       Prior         Prior to the following port(s). Documents will print to the first free       Percent post 1       Pager Hput       Materiance System       Prior       Network 1       Network 2       Network 3       Wreides       Prior         Post to the following port(s). Documents will print to the first free       Percent post 1       Pager Hput       Network 1       Network 2       Network 3       Wreides       Pager Hput       Network 1       Network 3       Network 3	RICOH SP 213Nw PCL 6 Properties	Printer Configuration
Special Mode: 0	Serverit       Serverity       Advanced Octores       Proof See Settings         Serverit       BECOM SP 213Nov PCL 6         Print to the following port(s). Documents will print to the first free checked port.       Image: Context of the port of the	Paper Input   Martenance   System   IPv6   Network 1   Network 2   Network 3   Wreless   Proter SP Mode 1         Registration         Tray 1         Hotzortal:         Yestical:         Plan Paper:         Vertical:         Pain Paper:         Vertical:         Paint Paint Paint         Paint Paint     <

### Procedure

- 1. Replace the main board.
- 2. Turn ON the device.

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3. Connect SOM to the device with a USB cable.

4. Verify that the port is identical to that created in the preparation step (Figure 1). If not, correct the port.

- 5. Type in the PnP ID verified in the preparation step (Figure 2).
- 6. Set the destination code according to the following table.

0x01	NA	
0x02	EU/ASIA	
0x04	CHN	
0x05	TAIWAN	

7. Reboot the device.

# Technical Bulletin

Model: Rmy-MF2			Date: 26-Dec-17		:-17	No.: RM0A8003
Subject:: FSM correction - The replacement procedure for the main board -				Prepare	d by: Akiı	ra Shigeta
From: Tech. Support Sec., Product Marketing Dept.		t.				
Classification:	<ul> <li>Troubleshooting</li> <li>Mechanical</li> <li>Paper path</li> <li>Other ()</li> </ul>	Part ir     Electri     Transi	nforn ical mit/r	nation receive	☐ Actio ⊠ Servi revis ☐ Retro	n required ice manual ion ofit information

### **Service Manual Revision**

The procedure for replacing the Main Board was revised as follows.

4. Replacement and Adjustments > Electrical Components > When installing the new main board

### When installing the new main board

#### **Before replacement**

- 1. Enter into SP mode then select "Engine maintenance".
- 2. Verify the PnP ID.

Note

Adjustment in SP mode can be conducted even if the monitor displays an error message.

### Procedure

- 1. Replace the main board.
- 2. Turn ON the device.
- 3. Type in the PnP ID verified in the preparation step.
- 4. Set the destination code according to the following table.

0x01	NA
0x02	EU/ASIA
0x04	CHN
0x05	TAIWAN

5. Reboot the device.