Reissued: 16-Apr-19

Model: Baron-P3/C3	Date: 22-Mar-19	No.: RD0BX001a

RTB Reissue

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

Subject: Production delay of the Feed Rollers			Prepared by: S. Katoh
From: Sales Strategy Section, 1st CP Business Dep.			
Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

Notice Regarding the New Paper Feed Roller

The feed rollers for the Pro 8300 Series were modified from the predecessor model for better replaceability.

These rollers were supposed to be ready prior to launch, but due to delay in production, the new rollers are not installed on the units and not procurable as spare parts as of the time this bulletin was released.

Instead, the old rollers will be installed on the units and supplied as service parts until the new rollers become available.

When the new rollers become available, this bulletin will be re-issued to announce the cut-in s/n of the units installed with the new rollers.

Part Description	Old p/n	New p/n
PAPER FEED ROLLER: PICKUP	AF030072	***D0BX7532*** ~~D0BX7536~~
PAPER FEED ROLLER: FEED	***AF031098*** ~~AF031040~~	***D0BX7536*** ~~D0BX7532~~
PAPER FEED ROLLER: SEPARATE	***AF032098*** ~~AF032040~~	D0BX7538

Cut-in S/N: TBA

Model: Baron-P3/C3	Date: 22-Mar-19	No.: RD0BX001

Subject: Production delay of the Feed Rollers	Prepared by: S. Katoh
From: Sales Strategy Section, 1st CP Business Dep.	

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

Notice Regarding the New Paper Feed Roller

The feed rollers for the Pro 8300 Series were modified from the predecessor model for better replaceability.

These rollers were supposed to be ready prior to launch, but due to delay in production, the new rollers are not installed on the units and not procurable as spare parts as of the time this bulletin was released.

Instead, the old rollers will be installed on the units and supplied as service parts until the new rollers become available.

When the new rollers become available, this bulletin will be re-issued to announce the cut-in s/n of the units installed with the new rollers.

Part Description	Old p/n	New p/n
PAPER FEED ROLLER: PICKUP	AF030072	D0BX7536
PAPER FEED ROLLER: FEED	AF031040	D0BX7532
PAPER FEED ROLLER: SEPARATE	AF032040	D0BX7538

Cut-in S/N: TBA

Model: Baron-P3/C3	Date: 22-Mar-18	No.: RD0BX002

Subject: Production delay of the Drum Charge Unit	Prepared by: S. Katoh
From: Sales Strategy Section, 1st CP Business Dep.	

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

Notice Regarding the New Drum Charge Unit

The drum charge unit for the Pro 8300 Series was changed of the material from the predecessor.

The drum charge unit was supposed to be ready prior to launch, but due to delay in production, the new drum charge unit is not installed on the mainframe and not procurable as spare parts as of the time this bulletin was released.

Instead, the old units will be installed on the mainframe and supplied as service parts until the new units become available.

This bulletin will be re-issued when the new drum charge unit becomes available as service part.

Part Description	Old p/n	New p/n
CHARGE CORONA	D1792255	D0BX2255
GRID: CHARGE CORONA	G1782500	D0BX2500

Model: Baron-P3/C3	Date: 27-Mar-18	No.: RD0BX003

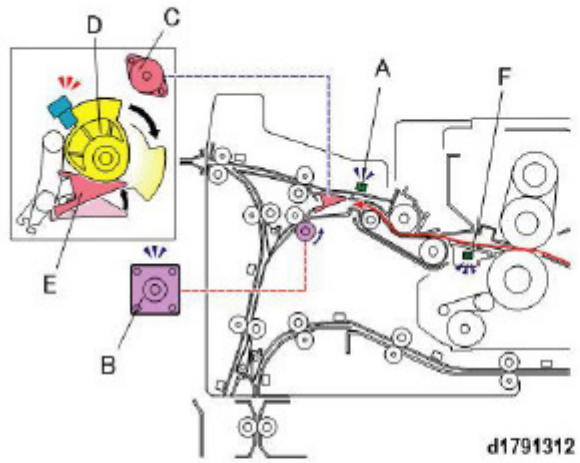
Subject: FSM correction - Fusing exit sensor	Prepared by: S. Katoh
From: Sales Strategy Section, 1st CP Business Dep.	

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

Please make the following correction to your FSM, in section:

6. Detailed Description > Paper invert, Exit, Duplex > Details > Invert/Exit (Face-down Delivery)

Invert/Exit (Face-down Delivery)



fusing exit sensor [F]

In invert/exit mode for face-down delivery:

- After the paper passes under the heat pipe, the exit junction guides the paper to the invert/exit path.
- When the leading edge of the paper passes the ~~exit junction gate sensor~~ [F], the exit junction gate motor [C] rotates cam [D] which opens exit junction gate [E] and opens the invert path
- When the exit JG sensor [A] detects the leading edge of the paper, the invert entrance motor [B] turns on and feeds the paper down into the inverter unit.

Reissued: 15-May-19

Model: VOLGA-F (SR5090/SR5100)	Date: 17-Apr-19	No.: RD0BX004a

RTB Reissue

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

Subject: wavy proof output w/ LT LET punch mode			Prepared by: J. Kobayashi
From: PPCS Section, CIP Product Quality Management Dept			
Classification:	☒ Troubleshooting	☐ Part information	☒ Action required
	☒ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

SYMPTOM

The following occurs when proof tray output is performed in LT LEF punch mode with the combination of "Baron-C3a Machine + VOLGA-F Finisher/Booklet Finisher".

1) Wavy wrinkles occur on the second and subsequent sheets.
2) "Paper JAM staying at the entrance" may occur due to the wavy wrinkles.

Fig.1 Wavy wrinkle

CAUSE

The punch mode of VOLGA-F was not compatible with 96 ppm and 90.5 ppm was the limit, and the punch mode was supposed to correspond with 90.5 ppm in the concept design. But, there is a mounting error of “A notification of paper interval notified to the main unit from VOLGA-F” as the firmware issue, and the punch mode at the time of proof tray discharge is 96 ppm, and the control is not in time.

A: Control time required for completion of LTLEF punching in VOLGA = 640 m sec
B: Time between sheets in proof tray (96 ppm) = 625 m sec

B – A = - 15 m sec ; Control of VOLGA-F is not in time

Reissued: 15-May-19

Model: VOLGA-F (SR5090/SR5100)	Date: 17-Apr-19	No.: RD0BX004a

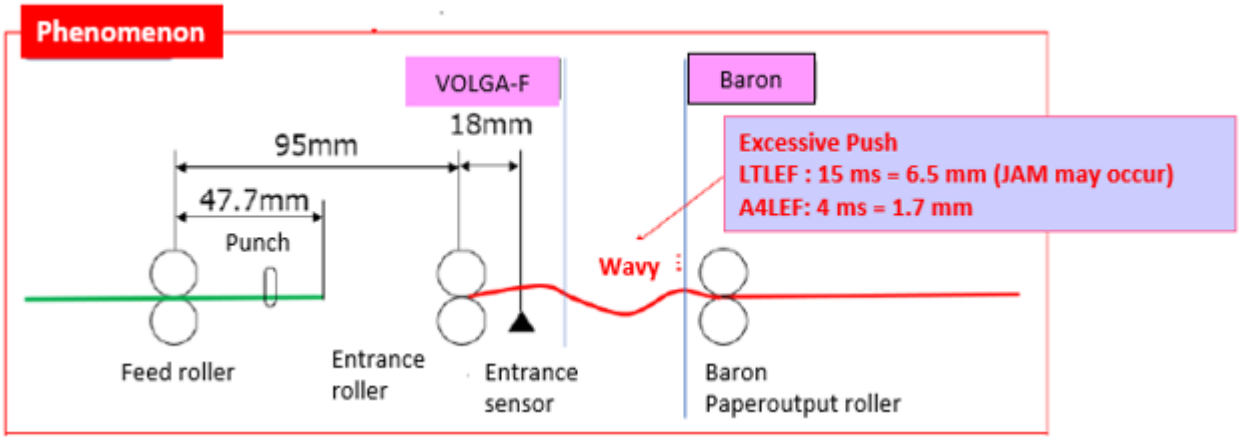


Fig.2

SOLUTION

Apply the IGUAZU new firmware described below table when it is installed with Baron-C3/P3.
Firmware change to ensure the margin of 29 m sec (12.5 mm) against the condition where 15 m sec (6.5 mm) control can not be made in time. As a result, the same productivity (90.5 ppm) as shift tray punch mode.

Part information

P/N	Description	Other
D3GC5260B	VOLGA-F ver. 01.010:10	SERES release is scheduled on 4/26

Note: 1) New firmware to be available with Download site after 5/13 due to holiday week on May in Japan.
2) Refer the Temporary measure to avoid Wavy wrinkle before firmware release.

Serial number

Cut-In Serial Number, which modified new firmware is applied, shown as below.

- ***Booklet Finisher SR5100 D3GC17: 3649Q510001 ~***
- ***Finisher SR5090 D3GD17: 3659Q510001 ~***

Serial number described below shows the corresponded units to require the firmware modification.

Product Name	Type	Serial number	Number of units
Booklet Finisher SR5100	D3GC17	3649Q110001 – 3649Q410034	124
Finisher SR5090	D3GD17	3659Q110001 – 3659Q310104 ***3659Q410001 – 3659Q310110***	***336***

Reissued: 15-May-19

Model: VOLGA-F (SR5090/SR5100)	Date: 17-Apr-19	No.: RD0BX004a

Temporary measure

Refer the Temporary measure described below to avoid Wavy wrinkle before firmware release.

Procedure

Change the Output tray to Shift tray when Punch mode is performed with LT LEF.

Reissued: 14-May-19

Model: BaronC3/P3	Date: 24-Apr-19	No.: RD0BX005a

RTB Reissue

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

Subject: Note on removing the feeler retaining tape（***Finisher SR5090/Booklet Finisher SR5120***）	Prepared by: S. Katoh
From: Sales Strategy Section, 1st CP Business Dep.	

Classification:			
	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2 ☐ Tier 0.5

PROBLEM

The paper feeler on the shift tray may come off when removing its retaining tape at installation.

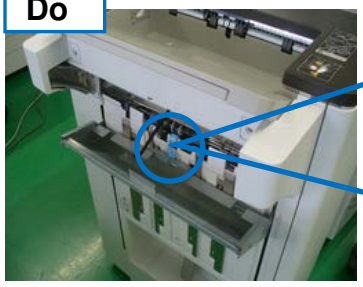
Turning On the machine power with the feeler detached causes the shift tray to descend to the lowest position followed by J493 (Tray Lift Motor Jam). Power cycling Off/On in this condition will display the message 'Remove the paper from Finisher Shift Tray' on the operation panel.

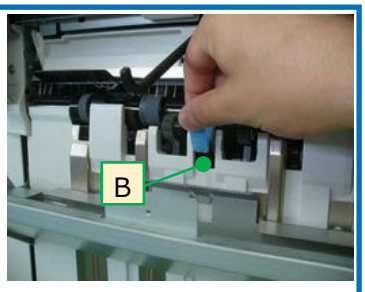
SOLUTION

Temporary solution

Do not remove the retaining tape side by pulling it sideways. Instead, pull it up straight.

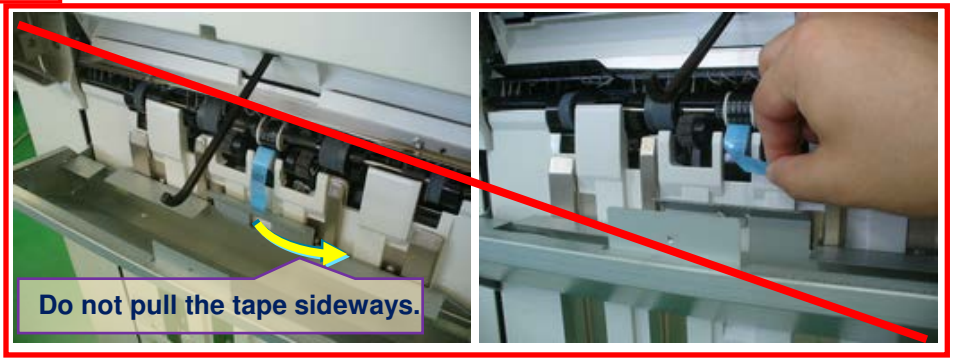
Do





A: Retaining tape
B: Feeler
C: Retainer

Don't



Reissued: 14-May-19

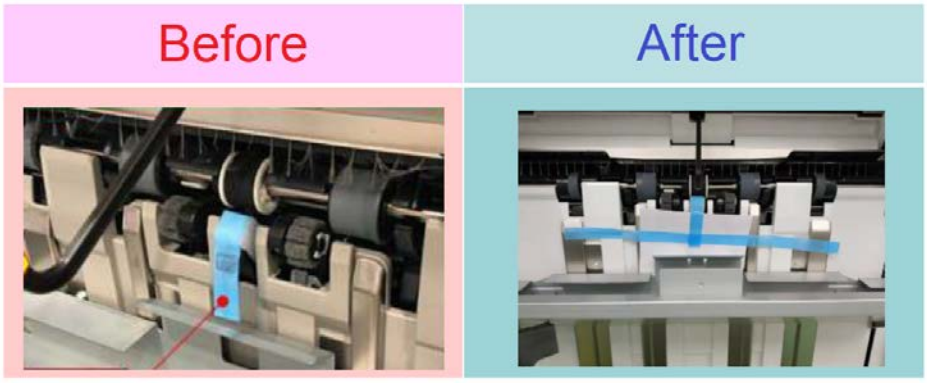
Model: BaronC3/P3	Date: 24-Apr-19	No.: RD0BX005a

Permanent solution

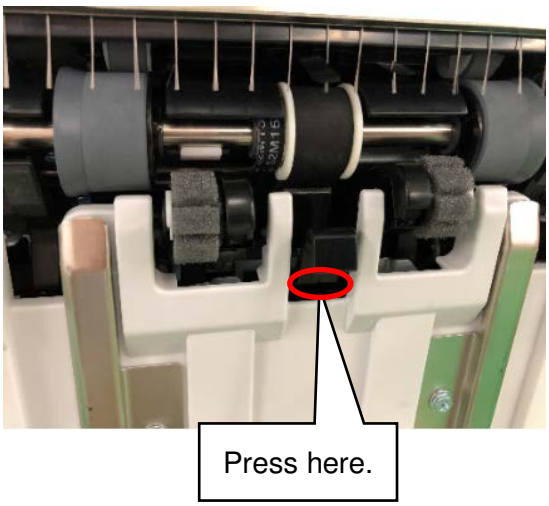
The retaining tape was modified.

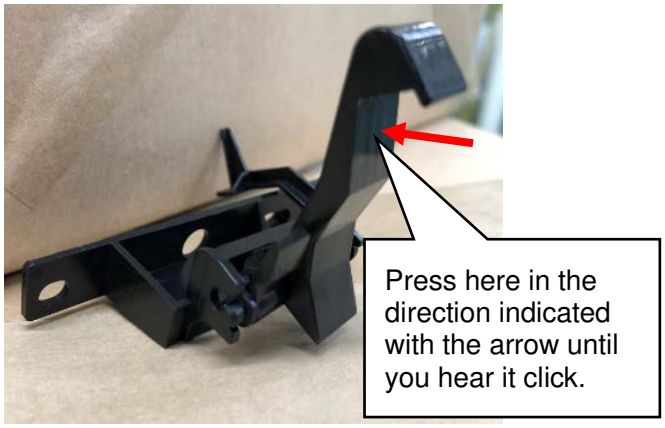
Cut-in S/N:

- ***Booklet Finisher SR5100 D3GC17: 3649Q310038 ~***
- ***Finisher SR5090 D3GD17: 3659Q410001 ~***



If the feeler has detached, reattach it by pressing the end fence as shown below.





Model: IGUAZU (SR5110/SR5120)	Date: 24-Apr-19	No.: RD0BX006

Subject: Troubleshooting of JAM132 w/ DLT paper	Prepared by: J. Kobayashi
From: PPCS Section, CIP Product Quality Management Dept	

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

SYMPTOM

JAM132 (Tip stopper motor JAM) occurs during homing processing of the tip stopper at the end of the saddle stitching job of DLT

CAUSE

A soft bug caused by the fact that the homing sequence of the tip stopper did not consider reaching the HP sensor during motor start up.

When the leading end stopper is moved to the DLT size paper receiving position, the distance between the leading end stopper and the leading end stopper HP sensor decreases. In the subsequent homing process, the HP sensor is reached during motor start-up, and the homing process is not completed at the target timing, leading to a timeout (J132).

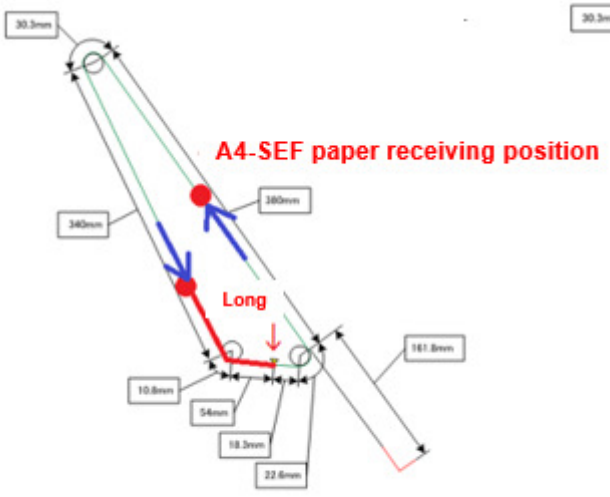


Fig.1 A4-SEF (Normal)

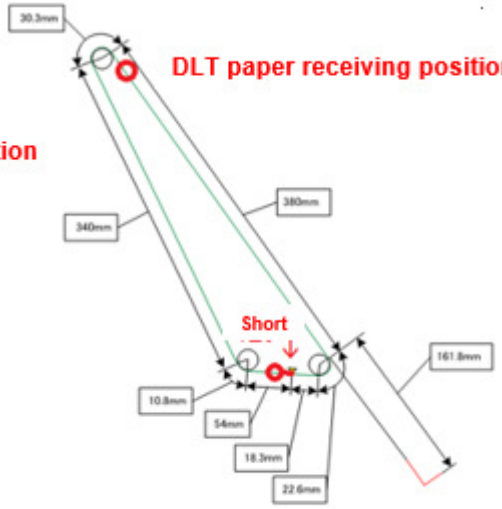


Fig.2 DLT (JAM132)

SOLUTION

Apply the IGUAZU new firmware described below table when it is installed with Baron-C3/P3.

Part information

P/N	Description	Other
D3G85260E	IGUAZU ver. 01.040:19	

Serial number

Product code: D3G817 and D3G917 (for North America [RUS])

Modification to apply the new firmware was done from the serial number shown as below.

D3G817: 3769E310048 ~
D3G917: 3779E410013 ~

Serial number described below shows the corresponded units to require the firmware modification.

Region	Type	Serial number
NA Shipped to Tustin, USA	D3G817	3769E210001 - 3769E210008 3769E210012 3769E210015 3769E210017 3769E210021 2769E210022
	D3G917	3779E210001 – 3779E210010 3779E210013 – 3779E210015 3779E210017 – 3779E210018 3779E210020 3779E210026 – 3779E210028 3779E210039 – 3779E210040 3779E210046 3779E210049 3779E210050 – 3779E210051 3779E210054
NA Shipped to Manzanillo, Panama	D3G817	3769E210009 3769E210011 3769E210014 3769E210018
	D3G917	3779E210021 – 3779E210022 3779E210029 3779E210031 – 3779E210034 3779E210038 3779E210041 – 3779E210042 3779E210047 3779E210048 3779E210053 3779E210055 3779E210060 3779E210062
NA Shipped to Montevideo, Uruguay	D3G817	3769E210029 3769E210031 3769E210034
	D3G917	3779E210011 – 3779E210012 3779E210016 3779E210023 – 3779E210025 3779E210030 3779E210035 3779E210036 3779E210043 – 3779E210045 3779E210052
NA Arrival port unknown	D3G817	3769E210010 3769E210013 3769E210016 3769E210019 3769E210020 3769E210023 – 3769E210028 3769E210030 3769E210032 3769E210033 3769E210035 – 3769E210047 3769E310001 – 3769E310008 3769E310011 3769E310013 – 3769E310024 3769E310026 – 3769E310047
	D3G917	3779E210019 3779E210037 3779E210056 – 3779E210059 3779E210061 3779E310001 – 3779E310049 3779E410012

Product code: D3G817 and D3G917 (for Europe, Asia Pacific and China)

Modification to apply the new firmware was done from the serial number shown as below.

D3G827: 3769E420001 ~
D3G927: 3779E420001 ~

Please apply new firmware when you have JAM132 with DLT paper and the serial number is before the one described above.

Reference

Please execute the following after updating the firmware, if corresponding IGUAZU finisher has the rework history that the “SP6-275-004 NV Adj. Data Mod.: Staple Stacking Fence Pos. Factory Adj.” was changed individually for avoiding the JAM 132 with DLT paper.

1. Select System SP after entering SP mode
2. Select "SP6-275-004 NV Adj. Data Mod .: Staple Stacking Fence Pos. Factory Adj."
3. Rewrite the value of "SP6-275-004 NV Adj. Data Mod .: Staple Stacking Fence Pos. Factory Adj." to the default value (factory setting)

   Note: Check SP6-275-004 on the SMC, and put the value back to Default if the current value is different with the Default and it has more than 1.0.
4. Exit SP mode and complete the procedure

Model: IGUAZU (SR5110/SR5120)	Date: 24-Apr-19	No.: RD0BX007

Subject: Troubleshooting of JAM121 by Bifurcated claw come-off	Prepared by: J. Kobayashi
From: PPCS Section, CIP Product Quality Management Dept	

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

SYMPTOM

When the bearing that holds the Bifurcated claws is removed from the bracket, the Bifurcated claws can not operate normally, causing JAM 121.

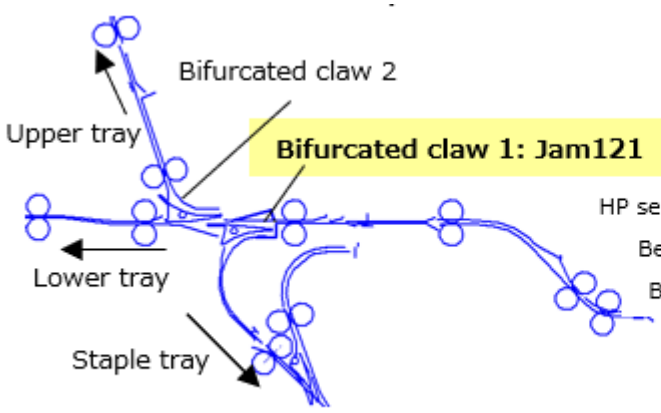


Fig.1 IGUAZU paper path

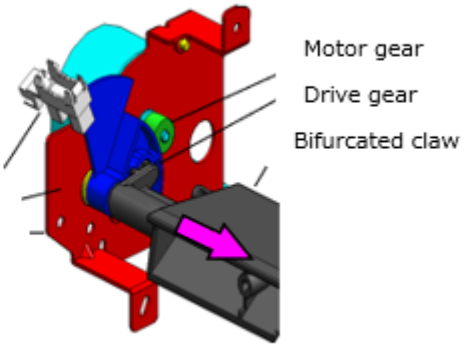


Fig.2 Bifurcated Claw

CAUSE

Inadequate "amount of hooked bearings" due to design error and Parts failure.

SOLUTION

Replace with the Bearing that has sufficient amount of "hooked bearings".

Part information

P/N	Description	Other
AA080265B	Bushing: 6x8x5	Service part
D3G89900A	MODIFICATION:BUSHING	QA part (Free of Charge)

Note: 1) 2 pcs of bushing are required for one IGUAZU unit.
2) Please order one set per unit when ordering p/n: D3G89900A, but order two pieces per unit when ordering p/n: AA080265B.

Serial number

Modification to apply the modified part was done from the serial number shown as below.

D3G817: 3769E210019 ~
D3G827: 3769E220027 ~
D3G917: 3779E210061 ~
D3G927: 3779E320001 ~

Serial number described below shows the corresponded units to require the part replacement.

Region	Type	Serial number
NA Shipped to Tustin, USA	D3G817	3769E210001 - 3769E210008 3769E210012 3769E210015 3769E210017
	D3G917	3779E210001 – 3779E210010 3779E210013 – 3779E210015 3779E210017 – 3779E210018 3779E210020 3779E210026 – 3779E210028 3779E210039 – 3779E210040 3779E210046 3779E210049 3779E210050 3779E210051 3779E210054
NA Shipped to Manzanillo, Panama	D3G817	3769E210009 3769E210011 3769E210014 3769E210018
	D3G917	3779E210021 – 3779E210022 3779E210029 3779E210031 – 3779E210034 3779E210038 3779E210041 – 3779E210042 3779E210048 3779E210053 3779E210055 3779E210060
NA Shipped to Montevideo, Uruguay	D3G917	3779E210011 – 3779E210012 3779E210016 3779E210023 – 3779E210025 3779E210030 3779E210035 3779E210043 – 3779E210045 3779E210052
RE	D3G827	3769E120001 – 3769E120016 3769E220001 – 3769E220002 3769E220004 – 3769E220007 3769E220009 – 3869E220016 3769E220018 – 3769E220019 3769E220020 – 3769E220026
	D3G927	3779E120001 – 3779E120014 3779E220001 – 3779E220002 3779E220004 – 3779E220007 3779E220009 – 3779E220013 3779E220016 – 3779E220027 3779E220029 – 3779E220035 3779E220038 3779E220040
RA Ship to Hong Kong	D3G827	3769E220003 3769E220008 3769E220017
	D3G927	3779E220015
RA Ship to Australia	D3G927	3779E220003 3779E220014 3779E220028 3779E220036 3779E220037 3779E220039 3779E220041
RA Ship to New Zealand	D3G927	3779E220008

Procedure

Estimated Work time:
Part replacement: 15 min.

Note: Use this work time when modification is done at installation or next visit.

Unpacking and Packing: 60 min (15 min with 4 persons)

Note: Add this work time when modification is done for Inventory in the warehouse.

Note: Refer the “Unpacking and Packing procedure” shown in later part, when Inventory modification is required as Rework at warehouse.

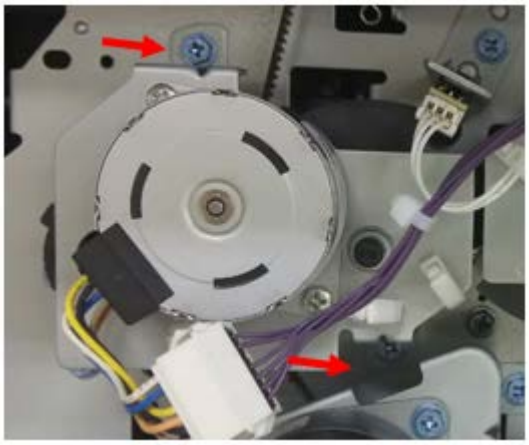
1. Remove cap connectors

Note: When removing the screw cover, lightly push it out to remove it (make sure to whiten the nail and break the nail)

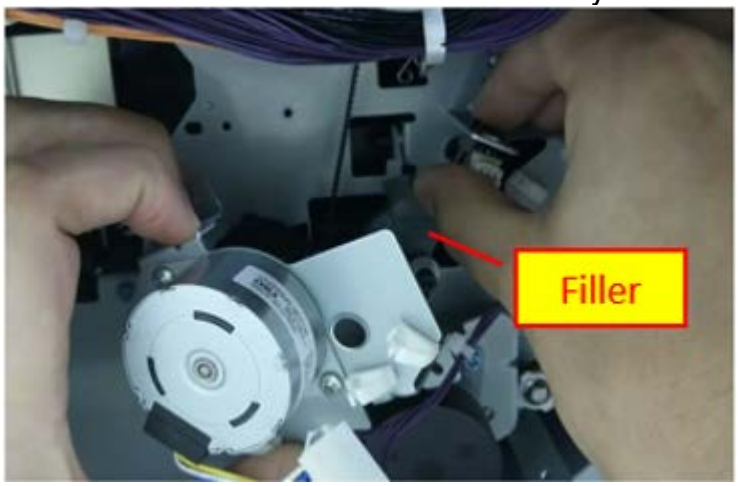
2. Remove "Cover: back top" after removing the screw (5 pieces).

3. Remove 7 clamps in the part of the figure below so as not to remove the connector

4. Remove "Drive: Bifurcated claw: sub ass'y" screw on left side (Blue screw x 2 pieces)

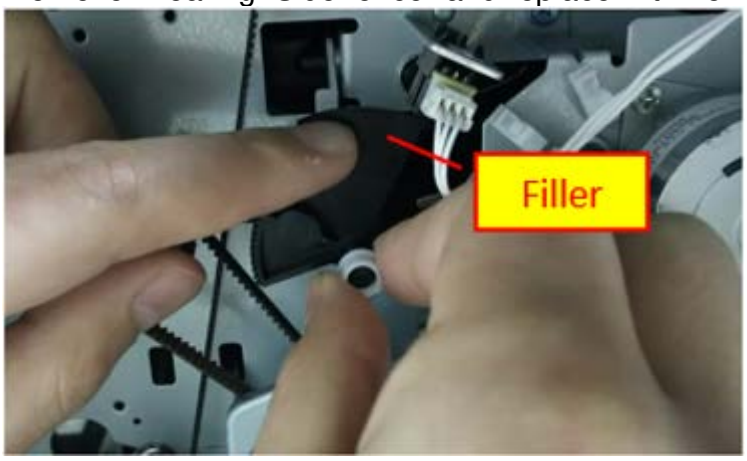


5. Remove "Drive: Bifurcated claw: sub ass'y" on left side



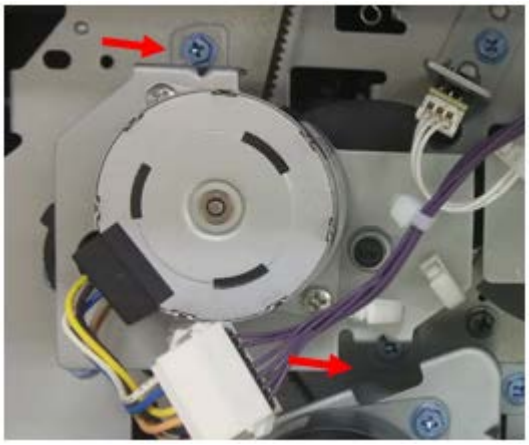
Note: Remove the filler while holding the filler lightly as shown in the figure so that the other side of Bifurcated claw does not come off

6. Remove "Bearing: Side fence" and replace with new bearing

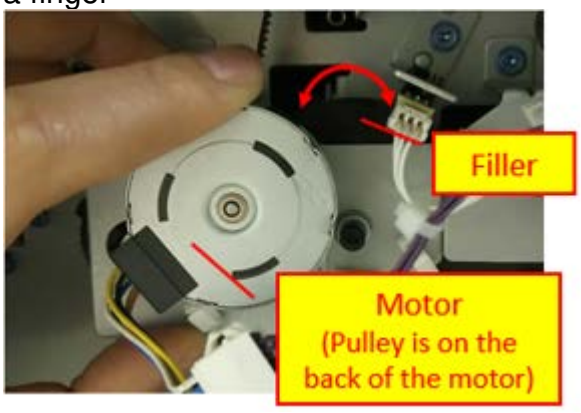


Note: Remove the filler while holding the filler lightly as shown in the figure so that the other side of Bifurcated claw does not come off

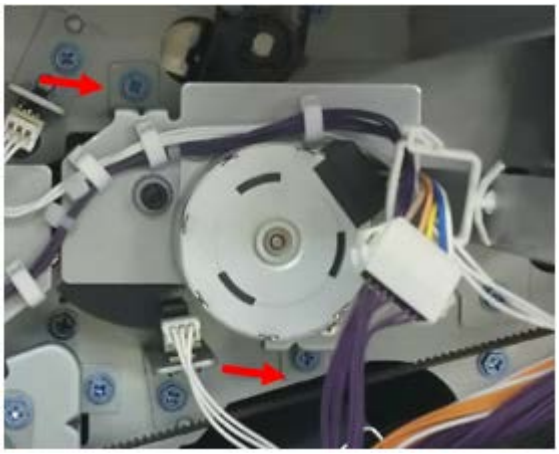
7. Attach "Drive: Bifurcated claw: sub ass'y" with 2 blue screws



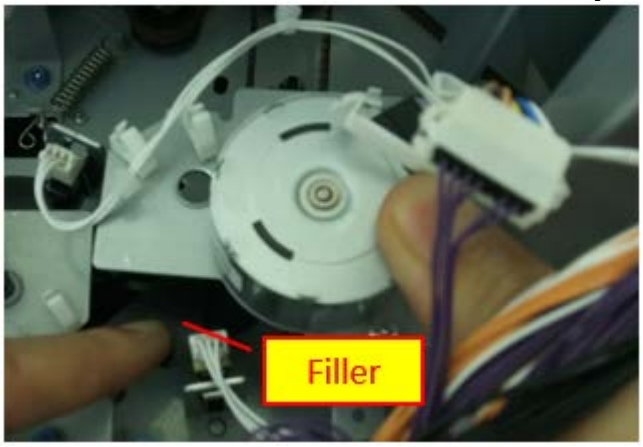
8. Check that the filler rotates by rotating the pulley of the bifurcated claw drive motor with a finger



9. Remove "Drive: Bifurcated claw: sub ass'y" screw on right side (Blue screw x 2 pieces)

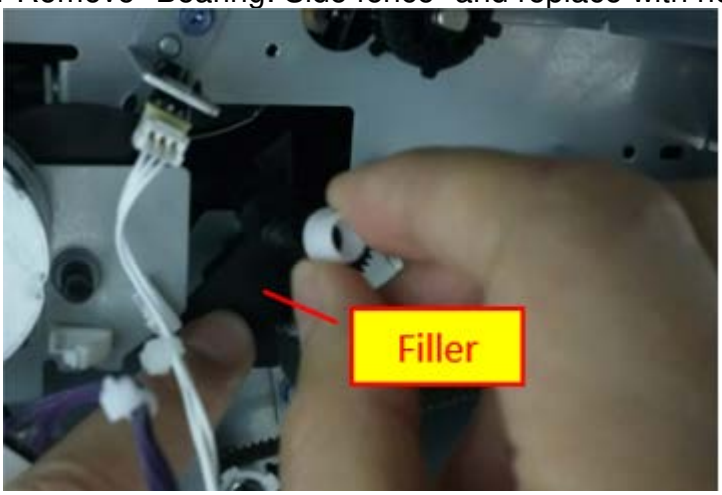


10. Remove "Drive: Bifurcated claw: sub ass'y" on right side



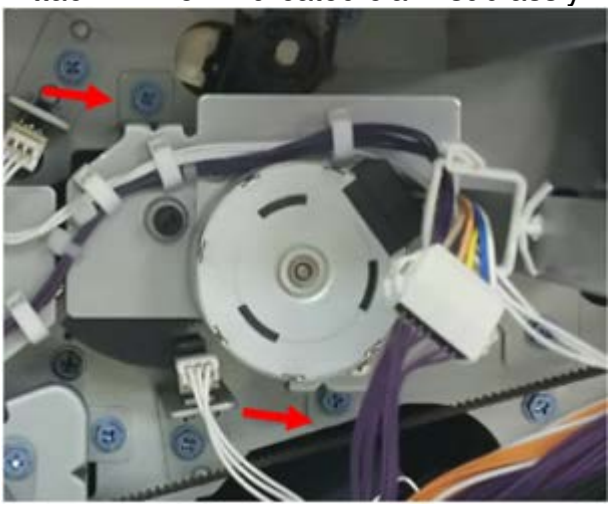
Note: Remove the filler while holding the filler lightly as shown in the figure so that the other side of Bifurcated claw does not come off

11. Remove "Bearing: Side fence" and replace with new bearing

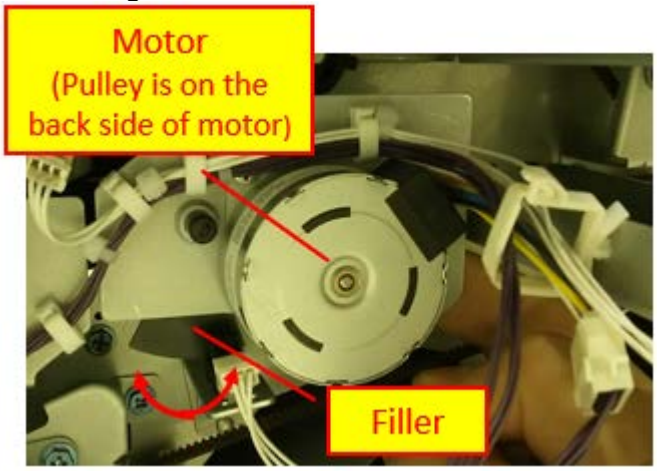


Note: Remove the filler while holding the filler lightly as shown in the figure so that the other side of Bifurcated claw does not come off

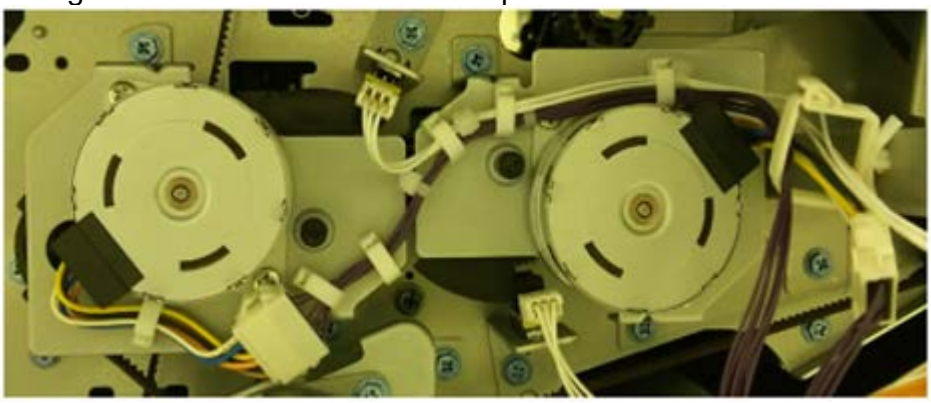
12. Attach "Drive: Bifurcated claw: sub ass'y" with 2 blue screws



13. Check that the filler rotates by rotating the pulley of the bifurcated claw drive motor with a finger

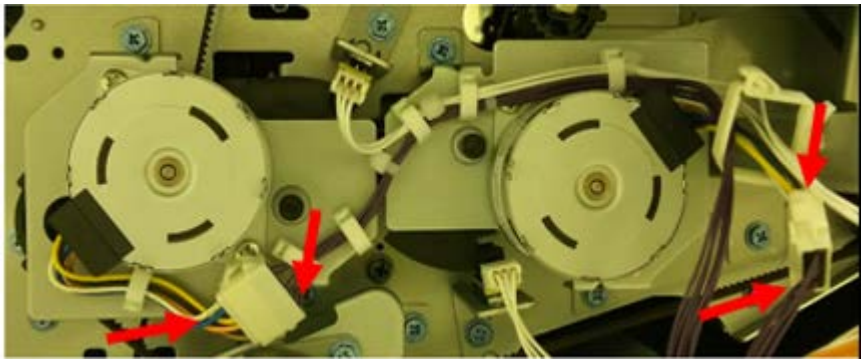


14. Bring the harness as shown in the picture below on both side



15. Close 7 clamps on both side

16. Check the connector lift and disconnection of the bifurcated motor

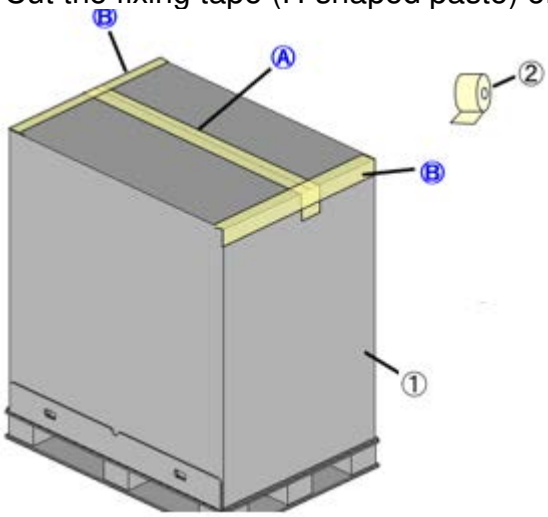


17. Put the "Cover: back top" and the “Cap connectors” back to the Finisher with reverse order.

Unpacking and Packing procedure

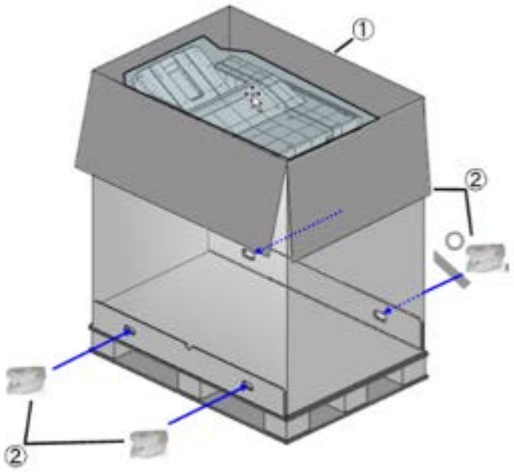
Unpacking

1. Cut the fixing tape (H-shaped paste) of the outer box with a cutter



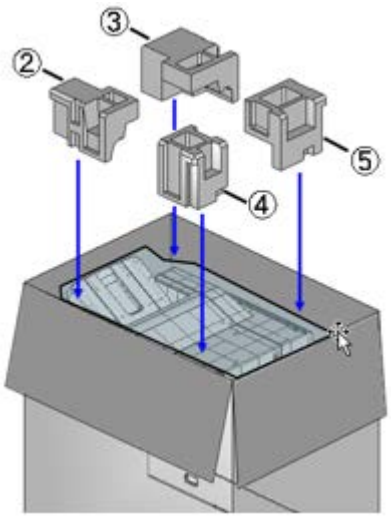
Note: 1) If the tape is double stuck, remove the upper tape of the outer box.
2) Don't scratch the inside cardboard
3) No damage to the cardboard

2. Remove the four joints



Note: 1) Put the removed joint under the pallet
2) Check for joint damage

3. Take the top pad (shock absorbing material) x 4 pieces, and then take out the enclosed items

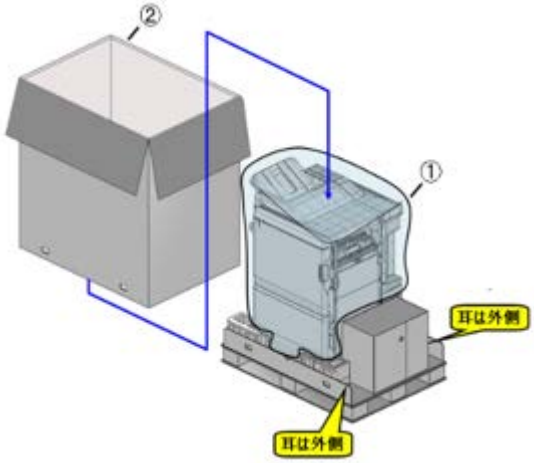


Note: 1) Put the pad so as not to scratch or stain it
2) Put the enclosed items on the outer box

4. Remove the cushioning material. (x 3 pieces)

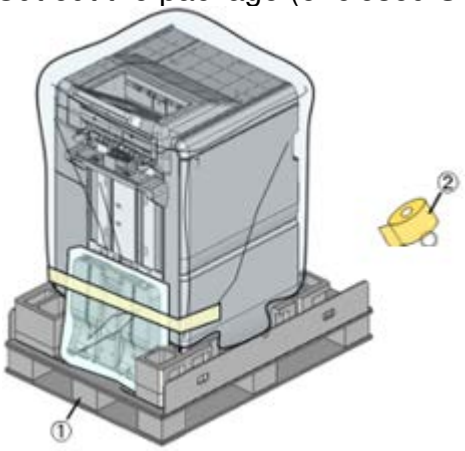
Note: Place the cushioning material on the outer box so that it does not get dirty.

5. Pull the outer box up and place it beside the product.



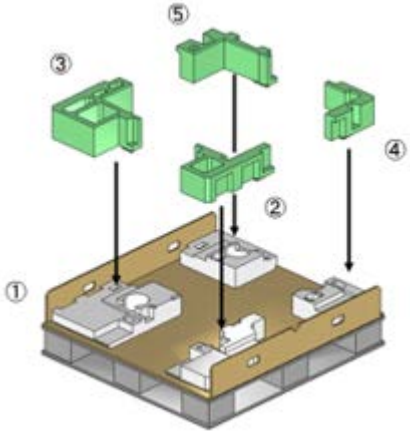
Note: The outer box should be placed on the top so that the cushioning material can be placed.

6. Cut out the package (enclosed Shift tray) from the product protection bag



Note: 1) If you remove the tape, do not break the product bag.
2) Manage the removed parts not to be dirty

7. Remove all four "Retain: Cushion"



Note: Put the “Retain: Cushion” on the outer box so as not to get dirty.

8. Remove the box of the enclosed item

Note: Keep the removed box clean

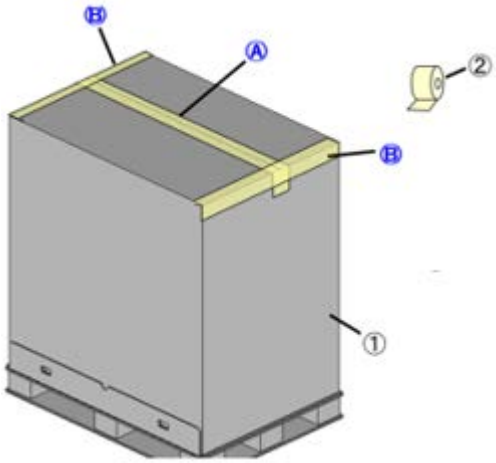
9. Shift the "Upper Shift box" slightly so that the bag can be removed

Note: Be careful not to damage the cushioning material when shifting the “Upper shift box”.

10. Remove the bag over the product

Packing

1. Perform the Packing procedure in the reverse order of the Unpacking procedure
2. Fix with PP tape 75 mm width



Model: BR-C3	Date: 25-Apr-19	No.: RD0BX008

Subject: Notice regarding change in Toner Refresh threshold			Prepared by: S. Kato
From: Sales Strategy Section, 1st CP Business Dep.			
Classification:	☐ Troubleshooting	☐ Part information	☒ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2 ☐ Tier 0.5

Notice regarding change in Toner Refresh threshold

- The 'Toner Refresh' threshold will change from **3%** to **2%** in the below f/w scheduled for release in **July 2019**.
- Until then, please change the setting manually in **SP3-820-001**, as necessary.
- When the modified f/w becomes available update the following f/w as a set for the change to take effect.
  - ✧ **Engine Ver.1.21**
  - ✧ **Controller Ver.1.04**

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RICOH **Technical Bulletin**

Model: BR-C3	Date: 11-Jun-15	No.: RD0BX009

Subject: 14mm screw added for docking bracket （Cover Interposer Tray CI5040）	Prepared by: M. Okamoto
From: Service Planning Sect., Global Engineering Support Dept.	

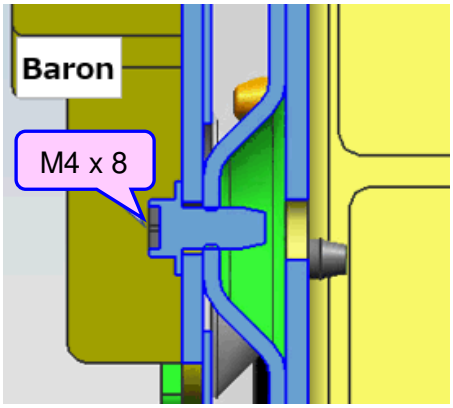
Classification:			
	☐ Troubleshooting	☒ Part information	☐ Action required
	☒ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2 ☐ Tier 0.5

Change: The following screw was added as an accessory to the Cover Interposer Tray CI5040's connection bracket with the mainframe.

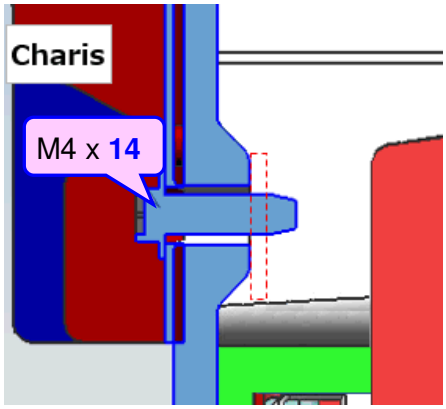
P/N	Description	Q'ty	Note
04514014N	TAPPING SCREW:M4X14	4	Add

Reason: Cover Interposer Tray CI5040 will also be supported by the successor model to the Pro C52xx series, which will have a thicker exterior cover. To compensate for the thicker cover, the 8mm screw was replaced with the 14mm screw.

p/n: 04544008N



p/n: 04514014N



Note: DO NOT use the 14mm screw for models other than the successor to the Pro C52xx, because the screw will stick out.

Cut-in S/N:

D3GA17: 3799Y600001 ~

RICOH **Technical Bulletin**

Model: BR-C3	Date: 11-Jun-15	No.: RD0BX009

Subject: 14mm screw added for docking bracket （Cover Interposer Tray CI5040）	Prepared by: M. Okamoto
From: Service Planning Sect., Global Engineering Support Dept.	

Classification:			
	☐ Troubleshooting	☒ Part information	☐ Action required
	☒ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2 ☐ Tier 0.5

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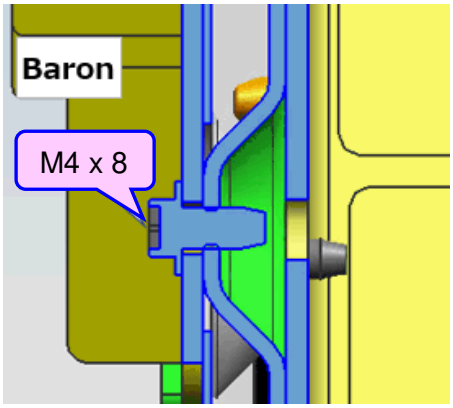
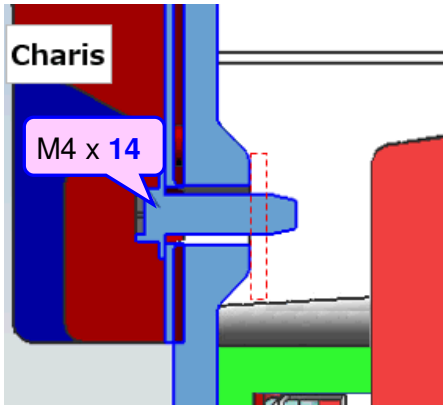
p/n: 04544008N



p/n: 04514014N



Note: DO NOT use the 14mm screw for models other than the successor to the Pro C52xx, because the screw will stick out.

Cut-in S/N:

D3GA17: 3799Y600001 ~

Model: BR-C3	Date: 15-Jun-19	No.: RD0BX010

Subject: Installing Paper Library Data	Prepared by: Sayaka Kato
From: Service Planning Sect., Global Engineering Support Dept.	

Classification:			
	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☒ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2 ☐ Tier 0.5

The entire section **Installing Paper Library Data** was incorrect and deleted from the FSM:

Installation > Main Machine > Installing Paper Library Data

Installing Paper Library Data

1. Create a folder in the root directory of an SD card and name the folder "mqp".
2. Copy the paper database file into the "mqp" folder, and then rename the copied file "library.mqp".

...

13.

Note: The above extracted from the FSM shows only up to step 2, but the entire procedure consists of 13 steps in total.

Correct procedure

The file format of the Paper Library data was changed from ‘mqp’ to ‘fwu’ from this model. Therefore, the Paper Library data can be installed using the same procedure as for other firmware updates.

Model: Baron-P3/C3	Date: 25-Jun-19	No.: RD0BX011

Subject: New SP setting to remotely obtain customer's market segment data	Prepared by: S. Katoh
From: Service Planning Sect., Global Engineering Support Dept.	

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

Please make the following correction to your FSM, in section:

2. Installation

Starting from the Pro C8300 Series, the following SP was added, which allows the @Remote system to obtain background information on each machine.

The information will be used for automatically analyzing the characteristics unique to each market segment, for example, toner yield.

When installing the machine, please make the below SP setting according to your customer's market segment and operator type.

SP3998	Customer Information	
3-998-001	Market segment	0: N/A (default) 1: CP 2: Data Center 3: PFP 4: CRD/Higher Education 5: Office/School 6: Government
3-998-002	Operator	0: N/A (default) 1: Dedicated Operator 2: Walk up

Model: Baron-C3	Date: 1-Jun-19	No.: RD0BX012

Subject: Correct procedure for Auto Adjust Image Position(**NICE** application)	Prepared by: S. Katoh
From: Service Planning Sect., Global Engineering Support Dept.	

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

The procedure for the **Auto Adjust Image Position** function (which corresponds to the Copier Magnification Front/Back Adjustment function of the **NICE** application for Pro 8200 Series) described in the following sections of the Operator's Guide and FSM is incorrect:

Operator's Guide

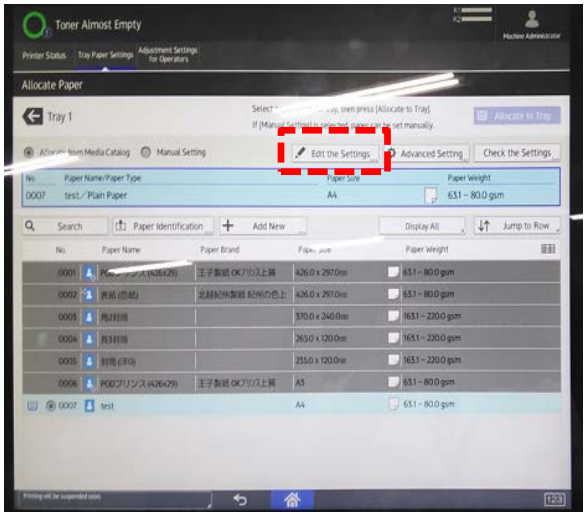
3. Useful Functions > Registering Custom Paper > Custom Paper Settings > Auto Adjust Image Position (p. 56, 57)

FSM

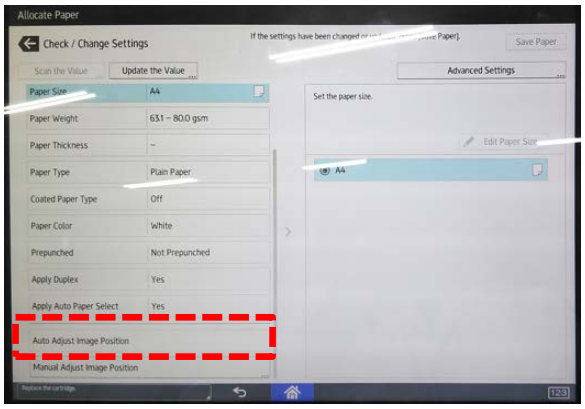
2. Installation > Checking and Adjusting Image Areas after Installation or Moving > Copier Magnification Front/Back Adjustment (Method 2)

Please replace with the procedure described below and advise your customer of the correct procedure.

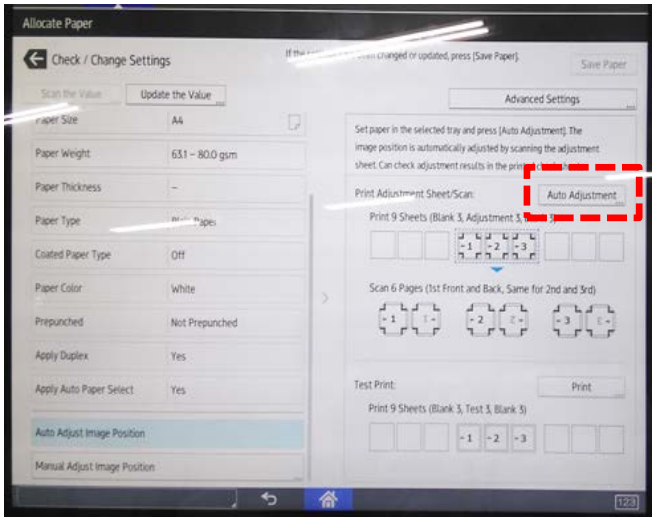
1. Select the custom paper associated to the desired tray and press **Edit the Settings**.



2. Press **Auto Adjust Image Position**.



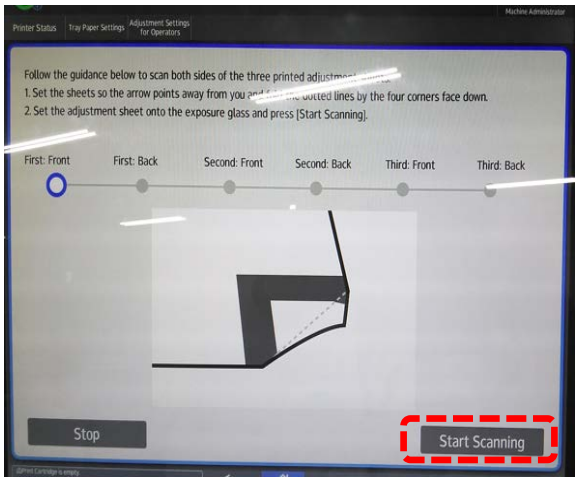
3. Load the media on the specified tray and press **Auto Adjustment**.



Total of 9 sheets will be printed out in the following order:

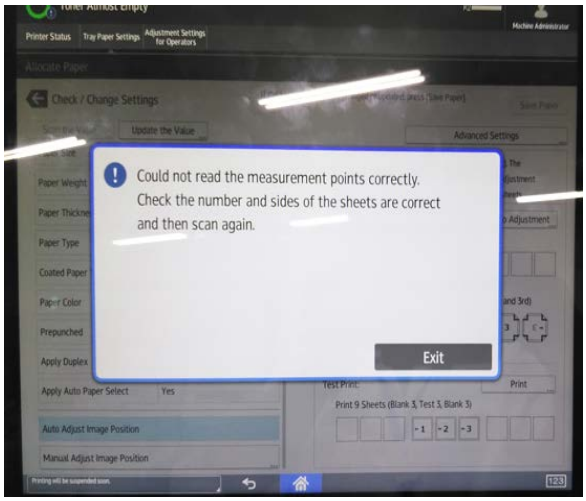
- Blank (x3)
- Test chart (x3)
- Blank (x3)

4. Follow the guidance and scan the test charts.



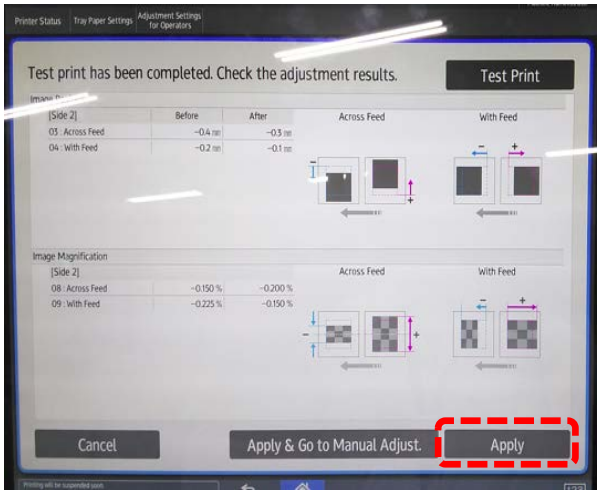
1. Fold the four corners of the test charts.
2. Place the chart on the exposure glass so that folded corners face down.
3. Press **Start Scanning**.

- The folded corners should be facing down regardless of the side, front or back.
- Scan a total of 6 pages in this order:
  - Front side of test chart #1
  - Back side of test chart #1
  - Front side of test chart #2
  - Back side of test chart #2
  - Front side of test chart #3
  - Back side of test chart #3

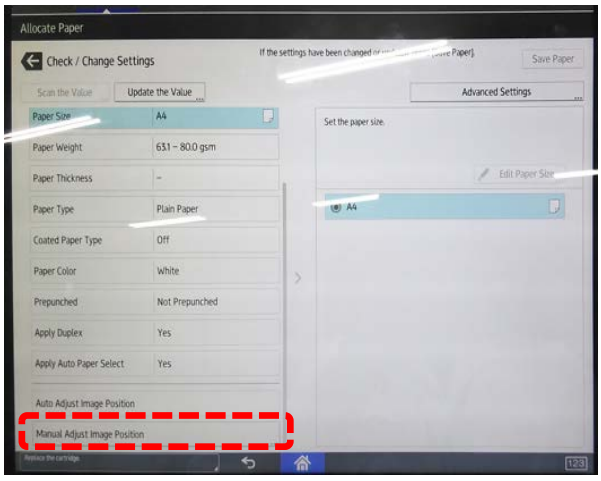


Scanning the test charts in the wrong order will display the error message shown to the left.

5. After scanning all 6 pages, press **Apply**.

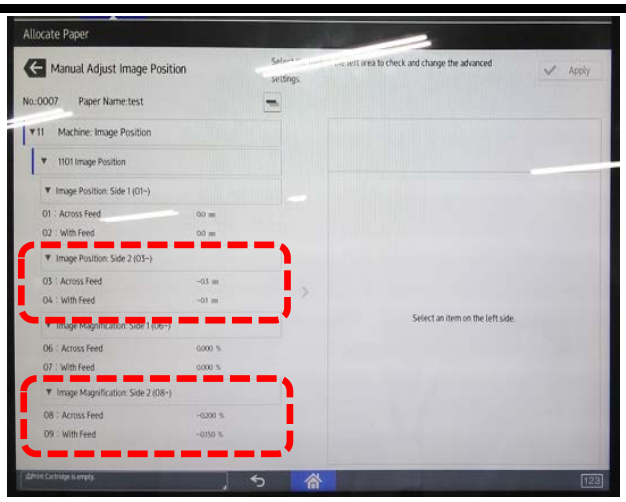


The image position of the back side is adjusted to match with that of the front side, i.e., the image position of the front side is not adjusted by spec.



To verify the adjustment made, press **Manual Adjust Image Position**.

Model: Baron-C3	Date: 1-Jun-19	No.: RD0BX012



Adjusted values appear in 03, 04, 08 and 09.

Model: BR-C3/P3	Date: 8-Jul-18	No.: RD0BX013

Subject: Guide for Carbonless Copy Paper			Prepared by: S. Kato
From: Service Planning Sect., Global Engineering Support			
Classification:	☒ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☐ Other ( )	☒ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier 2

GUIDE FOR PRINTING ON CARBONLESS COPY PAPER

While the Pro 83XX series officially supports carbonless copy paper, standard maintenance may not be enough to prevent image quality issues that may occur with machines that constantly print on carbonless copy paper.

It is recommended to take good account of the information provided in this guide, as it should be beneficial in preventing the following image quality issues that may occur with carbonless copy paper:

- **Toner offset on edges of Weight 0 paper**
- **Black streaks on back side of the page**
- **Offset via PTR**
- **Roller marks**

Note: The term “NCR (no carbon required) paper” is used on the operation panel and in the FSM, but this term will no longer be used, as it may infringe the trademark right.

Model: BR-C3/P3	Date: 8-Jul-18	No.: RD0BX013

Toner offset on edges of Weight 0 paper

SYMPTOM

If printed on “weight 0” carbonless copy paper, toner adhered to the ribs of the PTB unit offsets to the edge of the paper, which becomes visible when the printed sheets are stacked.

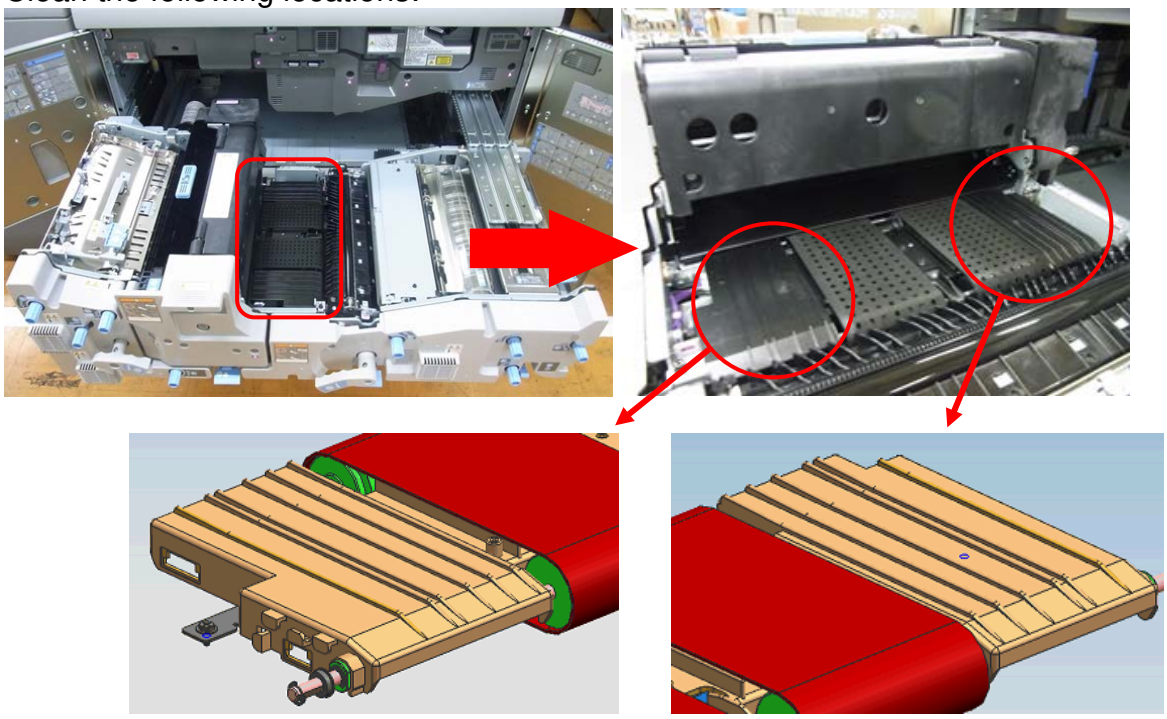
SOLUTION

When printing on weight 0 carbonless copy paper, clean the ribs of the PTB unit in advance.

Note:

- Ribs of the PTB unit can be cleaned by users.
- Wipe the ribs using a dry piece of cloth. No alcohol needed.

Clean the following locations:



Model: BR-C3/P3	Date: 8-Jul-18	No.: RD0BX013

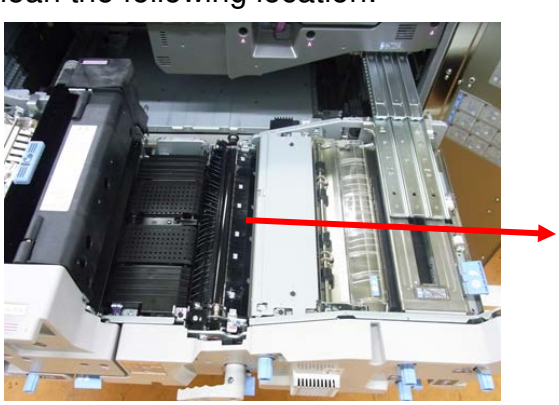
Black streaks on back side of the page

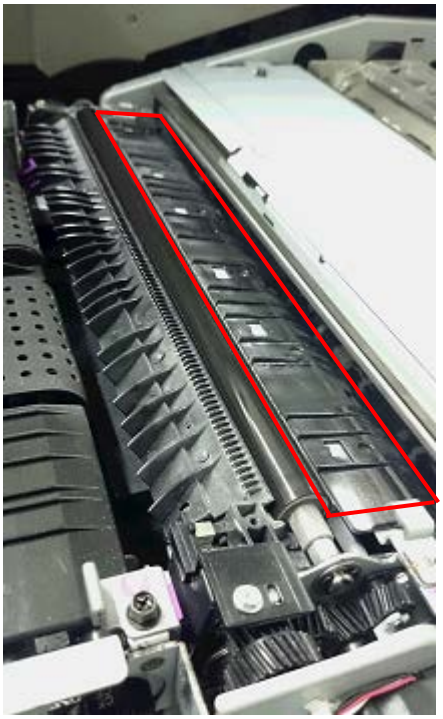
SYMPTOM
Toner adhered to the entrance guide plate of the PTR unit offsets to the back side of the page.

SOLUTION
Advise the operator to clean the ribs of the PTR unit every day before running the first job. (Cleaning is recommended every 20K pages.)

Note:
- The entrance guide plate of the PTR unit can be cleaned by users.
- Wipe the ribs using a dry piece of cloth. No alcohol needed.

Clean the following location:





Offset via PTR

SYMPTOM

Pressure applied by the paper feed/transport rollers causes the chemical substance contained in the carbonless copy paper to seep to the surface and adhere to the PTR, which offsets to the back side of the page and appear as black roller marks.

SOLUTION

If continuously printed only on carbonless copy paper, clean the PTR every 50K pages (LT/A4).

Note: Contamination on the PTR cannot be removed, if continuously printed 150K pages (LT/A4) without any cleaning maintenance. In such case, replace the following parts as a set.

- Paper Transfer Roller
- Cleaning Blade in PTR unit
- Lubricant Bar in PTR unit
- Lubricant Roller in PTR unit

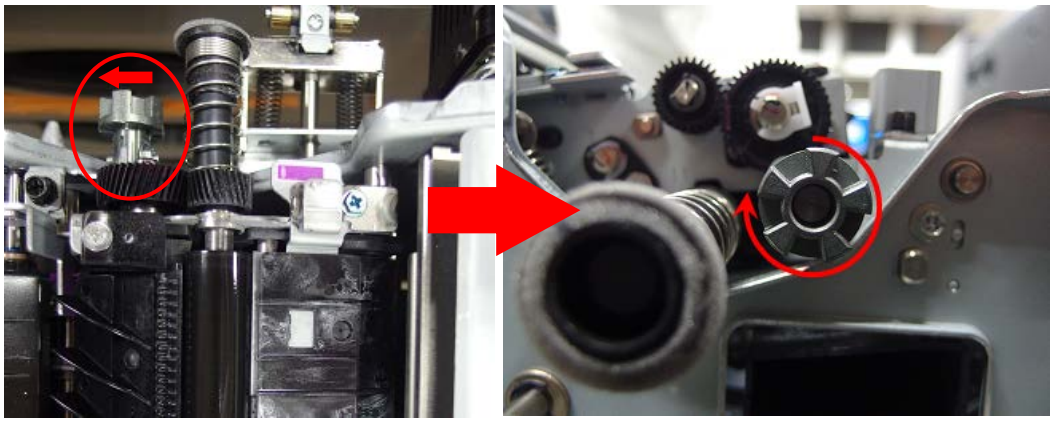
How to clean the PTR

Note: TCRU/ORU contract operators can clean the PTR in the following procedure.

1. Open both front doors and pull out the drawer unit.
2. Clean the surface of the PTR in one-way direction as shown with the arrow, from the front side to the rear side of the machine. **DO NOT** wipe in the opposite direction.

Note:
- Wipe with dry piece of cloth. No alcohol needed.
- DO NOT touch the anti-static brush that positions under the sepearation plate.

3. At the rear side, turn the drive shaft of the PTR in the direction that feeds paper, to clean the entire surface of the roller.



Note:
- DO NOT turn the shaft in the oppostie direction (against feed direction). Doing so may bend the cleaning blade and cause image quality problems and jams.

4. Verify that there are no foreign substances on the surface of the roller.

Roller marks

SYMPTOM

When printing on three-part form carbonless copy paper, paper dust from the top sheet adheres to the rollers and the color former contained in the paper dust reacts with the developer on the surface of the middle sheet, and roller marks appear on the middle sheet.

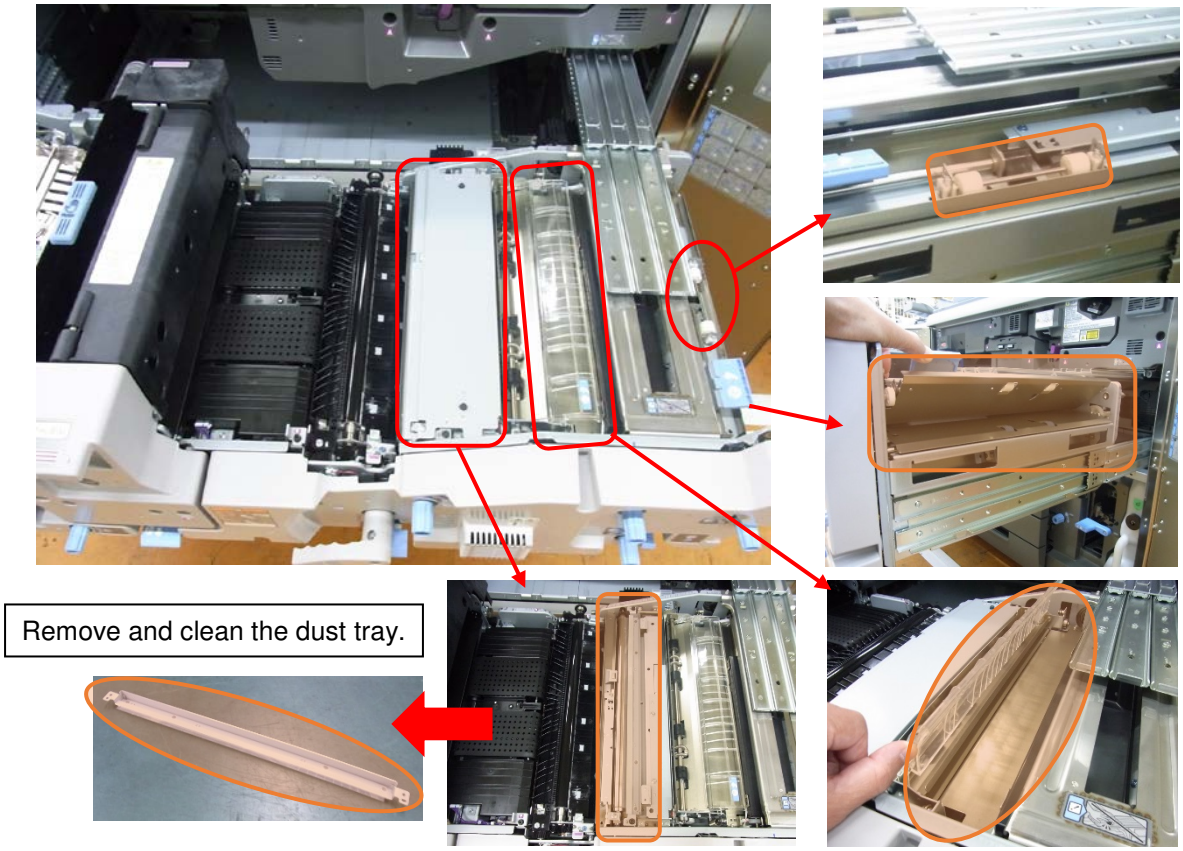
Note: The problem occurs only with carbonless copy paper and does not occur with plain/coated paper.

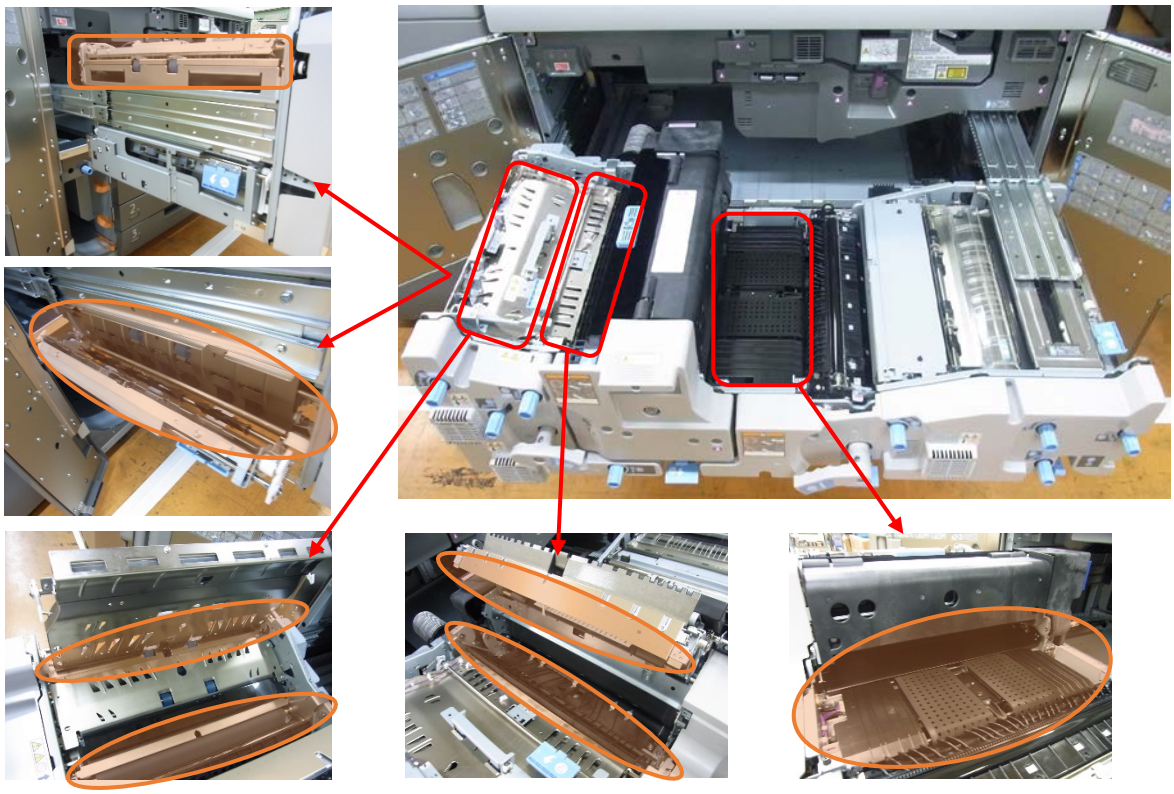
SOLUTION

To remove paper dust, clean all the rollers and the entire paper path from the LCIT to the finisher using a damp cloth and a vacuum cleaner. This will ease the symptom.

Note: As a standard procedure, use a vacuum cleaner to clean the paper paths. Use a piece of cloth, if a vacuum cleaner is not in hand.

1. Mainframe
   Clean the areas circled in orange.

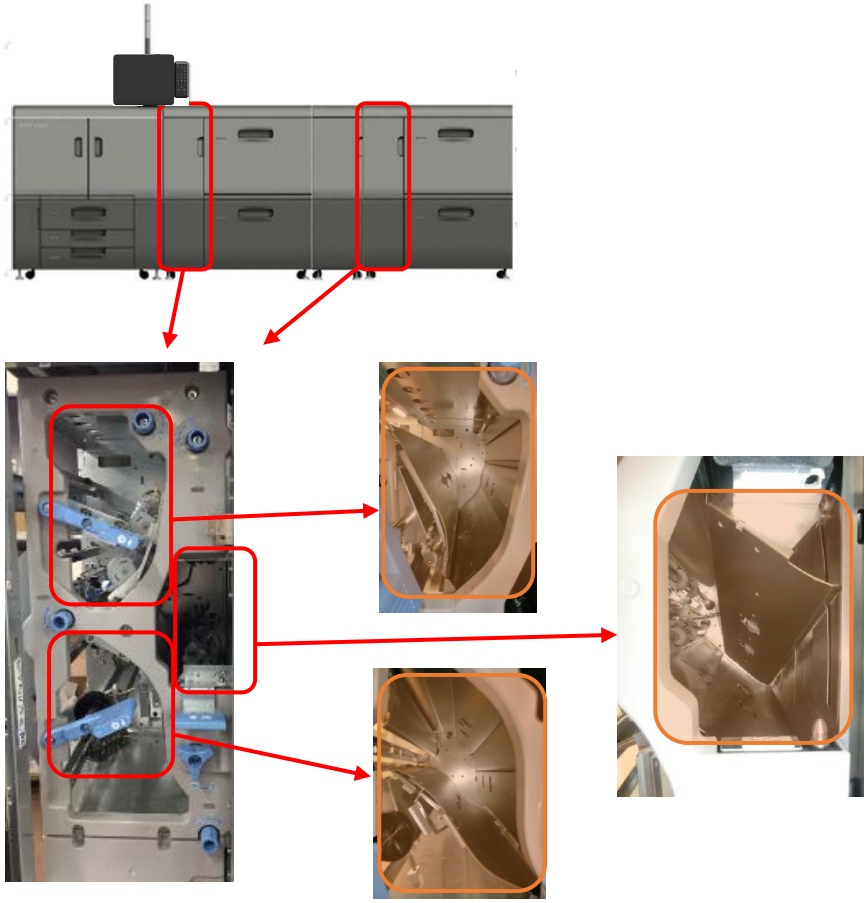


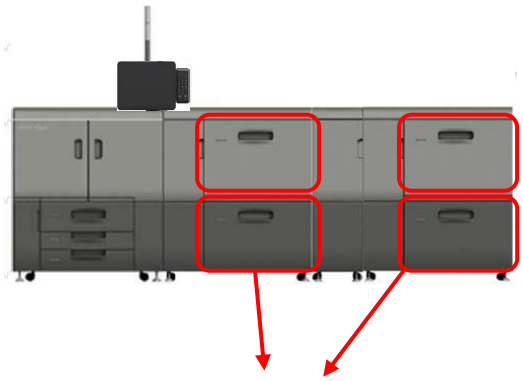


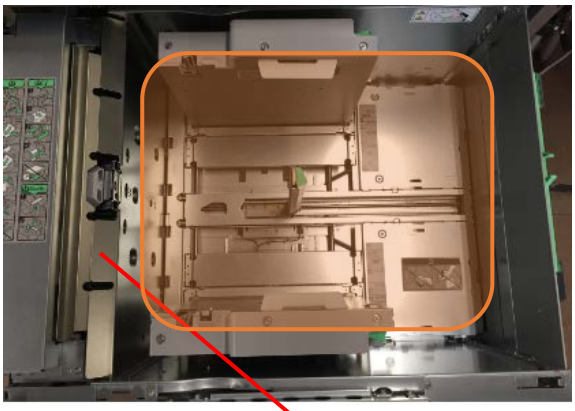
2. Vacuum Feed LCIT RT5120

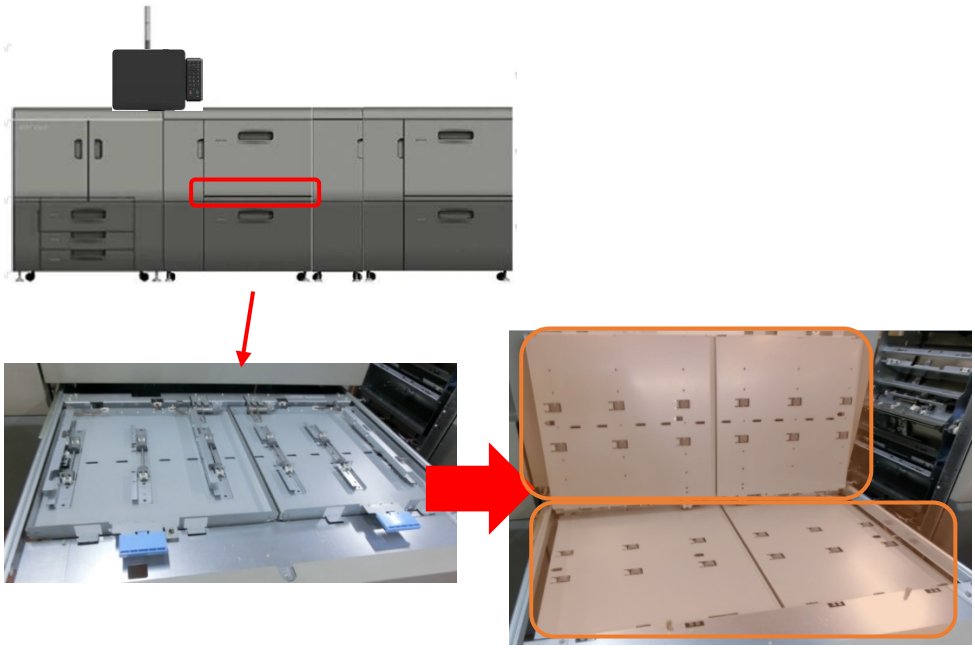
Note: The following shows a configuration consisted of two LCIT in tandem. Do the cleaning maintenance according to the configuration of your customer.

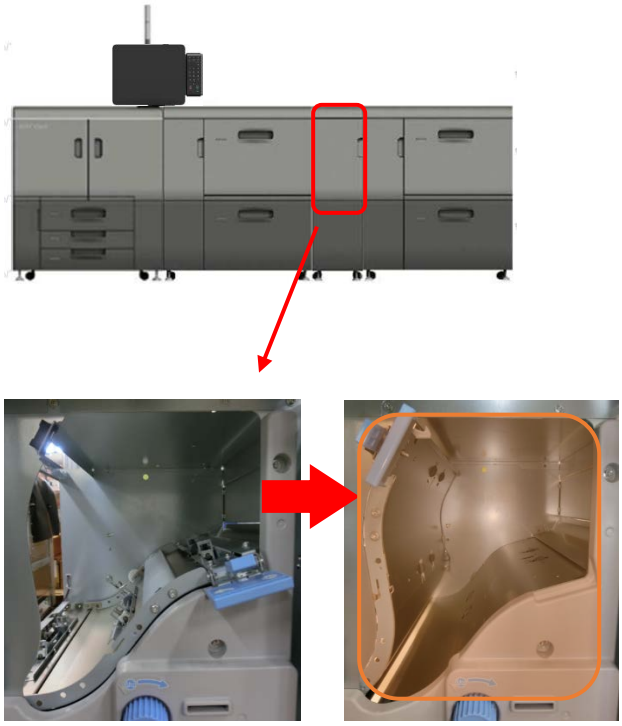
Clean the areas circled in orange.





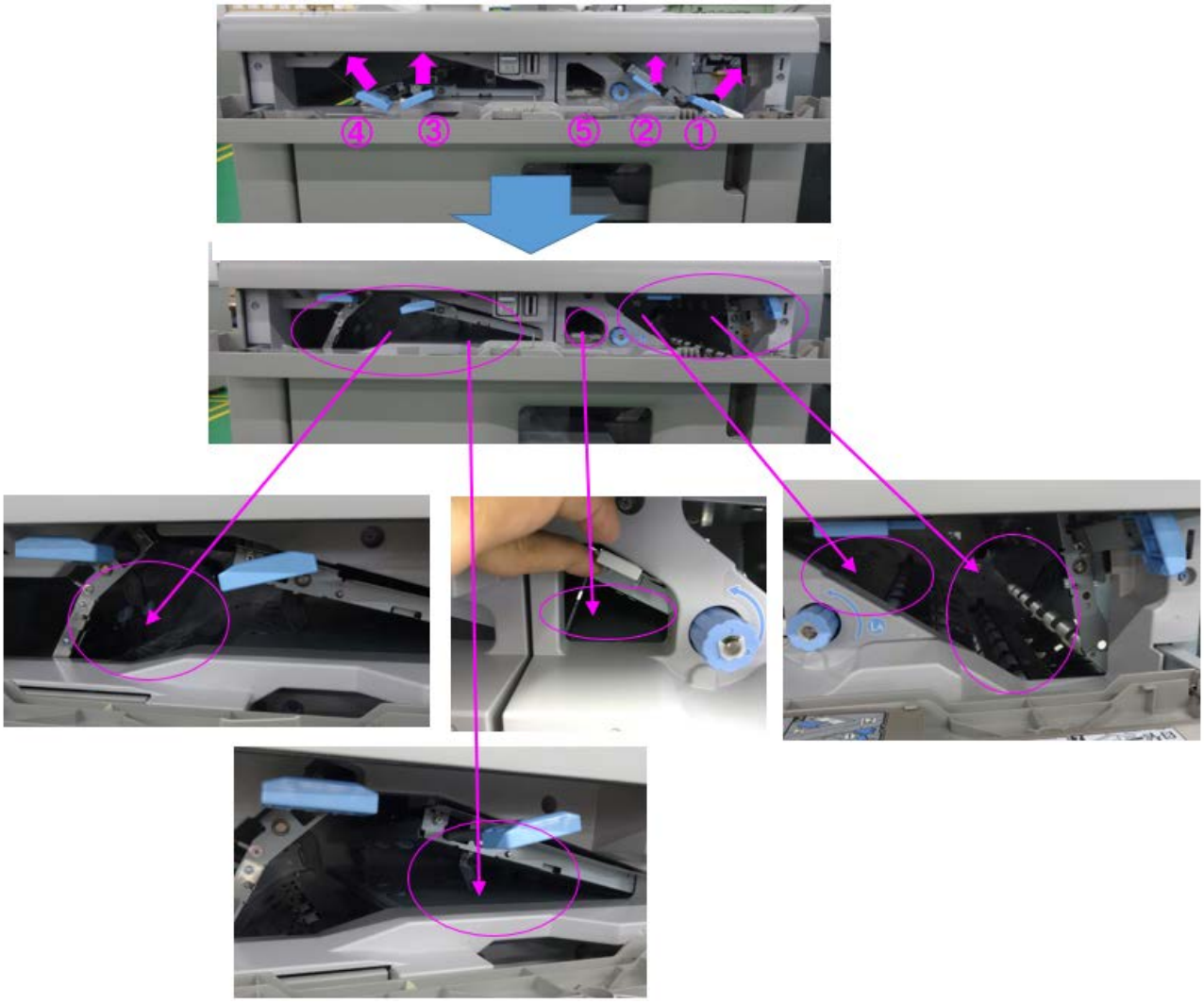




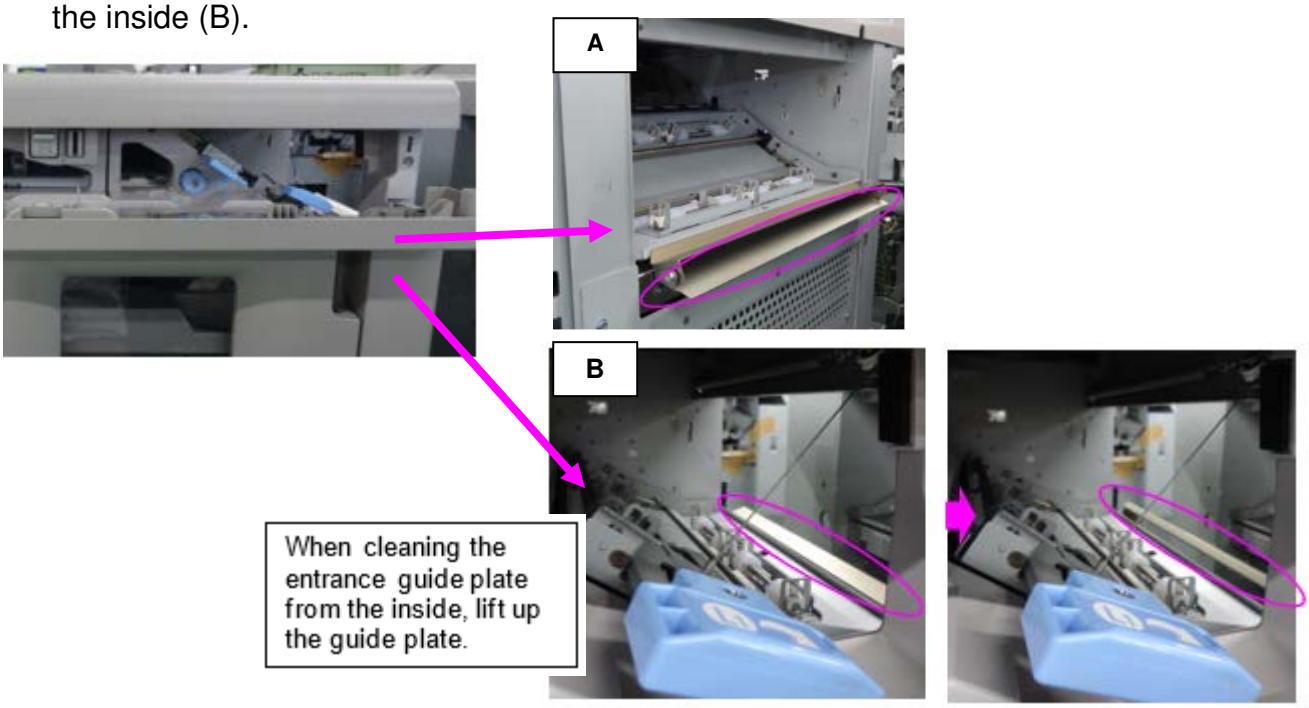


3. High Capacity Stacker SK5040

Clean the entrance guide plate.

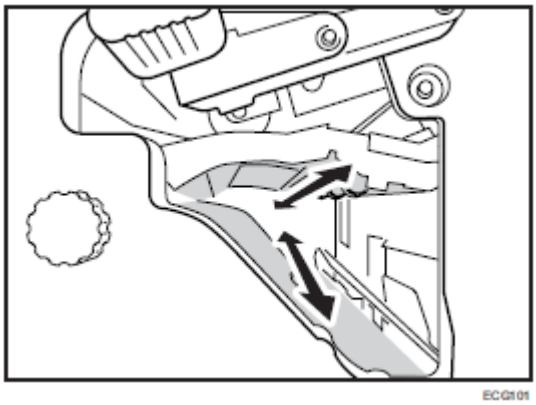


If the stacker can be disconnected, clean the entrance guide plate from the outside (A). However, if the stacker cannot be disconnected, clean the entrance guide plate from the inside (B).

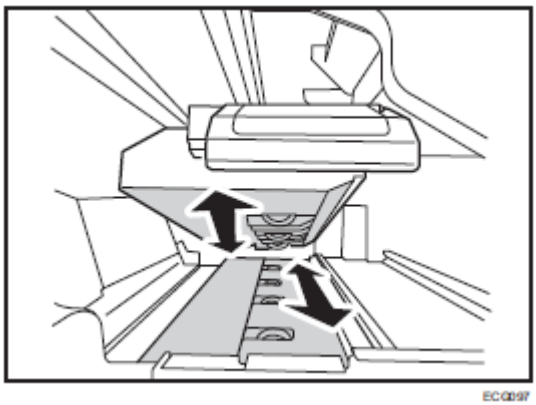


4. Finisher SR5110 / Booklet Finisher SR5120

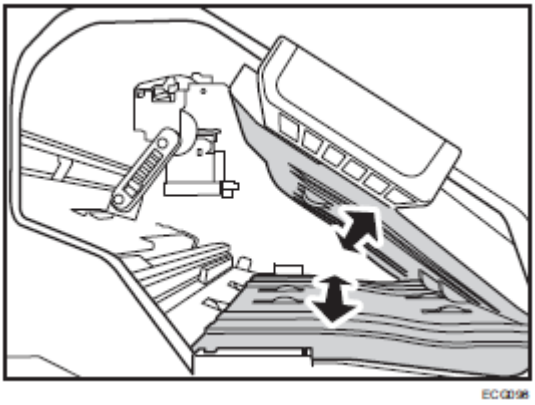
Open the finisher front cover.
Open the guide plate (Rb1) and clean the rollers and guide plate.



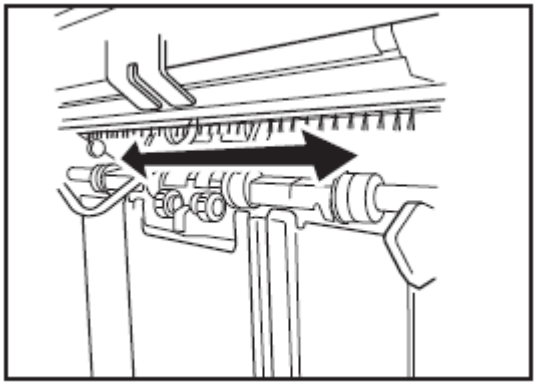
Open the guide plate (Rb3) and clean the rollers and guide plate.



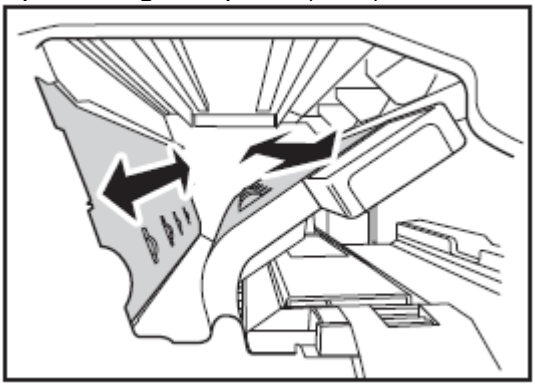
Open the guide plate (Rb5) and clean the rollers and guide plate.



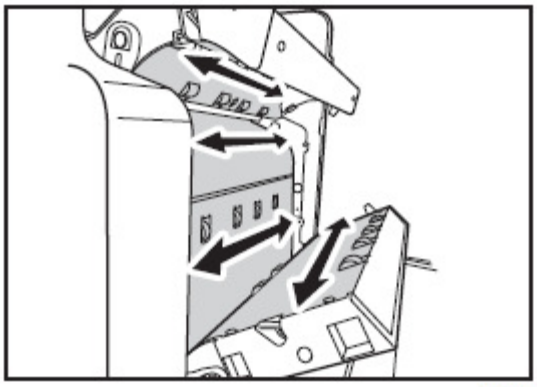
Lower the finisher shift tray 2 and clean the guide plate through the paper exit of the finisher shift tray 2.



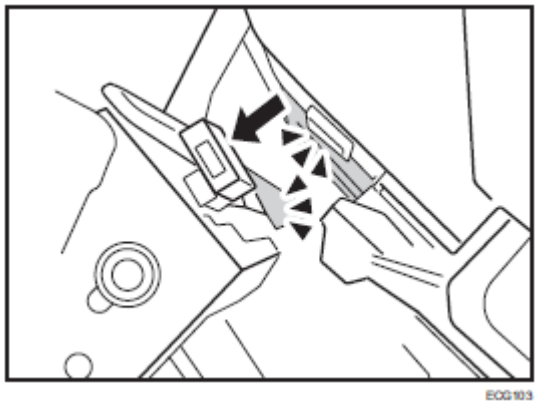
Open the guide plate (Rb4) and clean the rollers and guide plate.



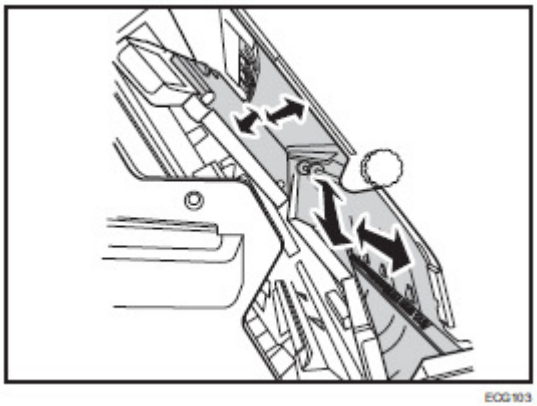
Open the finisher shift tray 1 cover and clean the rollers and guide plate.



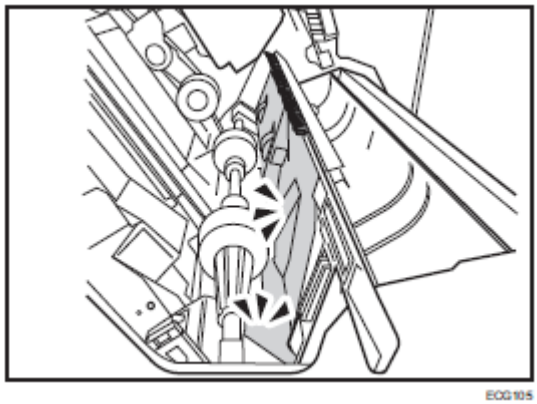
Open the guide plate on the upper left of guide plate (Rb6) and clean the rollers and guide plate.



Open the guide plates (Rb6) and (Rb7), and clean the rollers and guide plates.

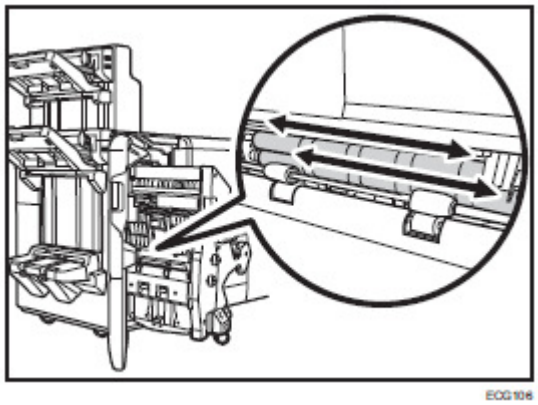


Open the guide plate (Rb13) and clean the rollers and guide plate.



If the configuration consists of the Booklet Finisher SR5120, pull out the booklet stapler unit.

Clean the rollers while turning knob Rb11.



5. Multi-Folding Unit FD5020

Open and clean the guide plates 1~3.

Model: BR-C3/P3	Date: 20-Aug-19	No.: RD0BX014

Subject: 13-amp power cable for 96ppm model			Prepared by: Youngsoo Lim
From: Service Planning Sect., Global Engineering Support			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☒ Electrical ☐ Transmit/receive ☐ Other ( )	☐ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier 2

Notice on Power Cable for the 96ppm Model for UK/AP Regions

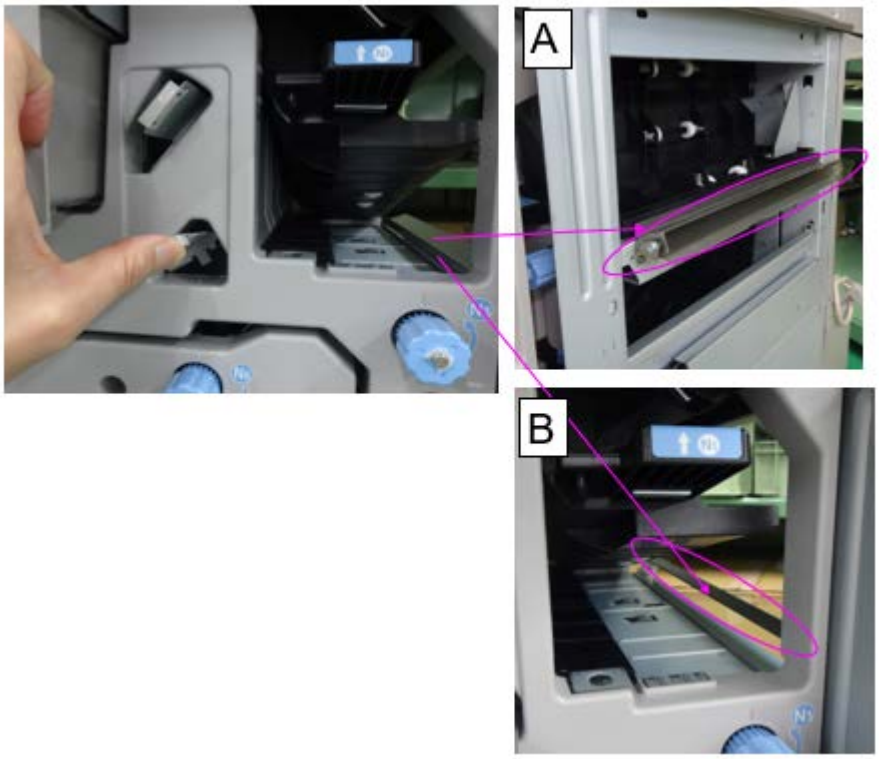
Please be informed that the 13-amp AC power plug BS1363 type can be used for the 96ppm model as this model operates under 13 amps. Make sure the plug procured complies to the local safety standards.

DO NOT use the 13-amp power plug for 111ppm / 136ppm models as these models draw more than 13 amps. If used, the circuit breaker at the site will trip.

Plug	BS1363 type for 13 amps 
Connector (to the mainframe)	IEC-60320-C19 type 
Cable power rating	Minimum 13 amps
Examples of countries that use the BS1363 plug	UK, Hong Kong, Singapore, Malaysia, Saudi Arabia (in limited regions), Kuwait, South Africa, India, Myanmar, Iraq, Jordan, former British territories

A: If the unit cannot be disconnected, clean the entrance guide plate.

B: If the unit can be disconnected, open lift up to clean the entrance guide plate.



Model: Baron-P3/C3	Date: 9-Oct-19	No.: RD0BX015

Subject: Troubleshooting J103 / J123 / SC720-24	Prepared by: S. Katoh
From: Service Planning Sect., Global Engineering Support Dept.	

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

SYMPTOM

The following Finisher SR5110 / Booklet Finisher SR5120 related jams and SC error:

- J103 (Software internal error)
- J123 (Exit guide plate open/close motor)
- SC720-24 (Exit guide plate open/close motor error) after five consecutive J123 occurrences

CAUSE

Bug in finisher firmware.

SOLUTION

- For J103, update the finisher firmware to **Ver.01.080:19** (p/n: **D3G85260J**) or later.
  This will reduce the jam.
- For J123 and SC720-024, update the finisher firmware to **Ver.01.050:19** (p/n: **D3G85260F**) or later.
  This will prevent the jam and SC.

Model: Baron-C3/P3	Date: 29-Nov-19	No.: RD0BX016

Subject: Revised Buffer Pass Unit installation			Prepared by: Y. Tanimoto
From: Service Planning Sec. GES Dep. DASC			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☒ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☐ Other ( )	☐ Action required ☒ Service manual revision ☐ Retrofit information ☐ Tier 2 ☐ Tier 0.5

Important notice regarding installation, replacement and adjustment procedures of the Buffer Pass Unit Type S11 (D3FC)

European safety standards require adding the following caution to your service manual after installing the Buffer Pass Unit to the Mainframe.

Mainframe Field Service Manual

2. Installation > Buffer Pass Unit Type S11 (D3FC)

Caution

Do not disconnect the buffer pass unit from the Mainframe. The buffer pass unit is unstable and can fall over easily.

Model: Baron-C3/P3	Date: 16-Jan-20	No.: RD0BX017

Subject: FSM Correction: Right Cover Air Intake Filters	Prepared by: Y. Tanimoto
From: Service Planning Sect., Global Engineering Support Dept	

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

Please add the following notes on the Right Cover Air Intake Filter to three sections in your FSM:

Correction 1

3. Preventive Maintenance >> Cleaning points >> Right Cover Air Intake Filters

NOTE:
System message **"Cleaning of Dust Filter (right of main unit) is now necessary. Please clean it."** appears on the operation panel every 600K.
After you clean the filter, reset the counter in either of the following two modes to clear the message.

SP mode:
SP 2-813-021:
Dust filter Right: Counter Clear

or

Skilled operator mode:
0514 Reset cleaning system message
01: Dust Filter (Right of Main Unit)

Correction 2

4. Replacement and Adjustment >> Filters >> Right Cover Air Intake Filters

NOTE:
Refer to the following section to clear the system message.
3. Preventive Maintenance >> Cleaning points >> Right Cover Air Intake Filters

Model: Baron-C3/P3	Date: 16-Jan-20	No.: RD0BX017

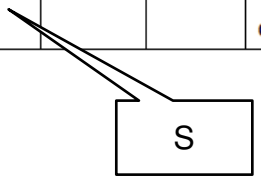
Correction 3

Appendices >> 2. Preventive Maintenance Table >> PM Tables >> Others

NOTE:
The cleaning interval should be shortened if the paper in use contains considerable amount of paper dust.

Please also add “S” (to indicate Service technician) in the “By ” column.

Dust Filters (for three linked fans at the right side of the main machine)		600K	▲	Filter Cleaning (Vacuum-cleaner)



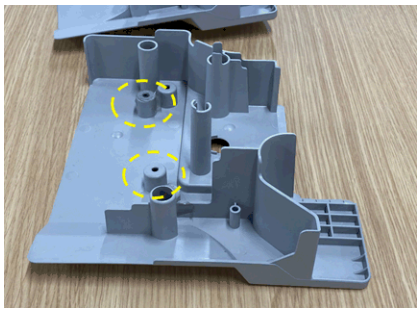
Model: Baron-P3/C3	Date: 23-Jan-20	No.: RD0BX018

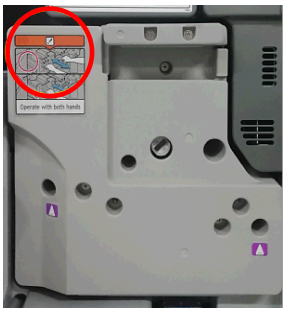
Subject: Notice to prevent breakage of the fusing unit front cover	Prepared by: Keaton Zuo
From: Service Planning Sect., Global Engineering Support Dept.	

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

PROBLEM

The front cover of the fusing unit breaks at the screw holes (circled in yellow) when the drawer unit or fusing unit is pulled out by gripping the wrong area (top left corner of the fusing unit cover circled in red).





SOLUTION

Production: The front cover of the fusing unit will be modified for higher durability.

In the field: Grip the locations as described in the FSM when pulling out the drawer and fusing units. This applies also for units with the modified cover.

DON'T

DO

Model: Baron-C3/P3	Date: 12-Feb-20	No.: RD0BX019

Subject: SC670 table	Prepared by: Keaton Zuo
From: Service Planning Sec. GES Dep. DASC	

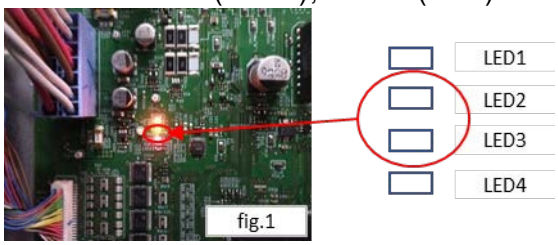
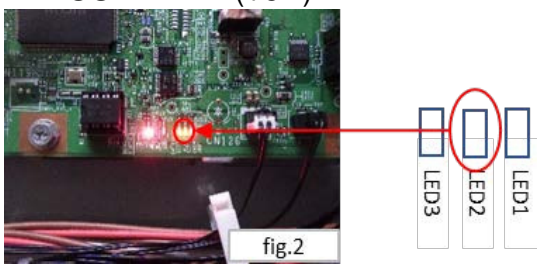
Classification:	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☒ Tier 2

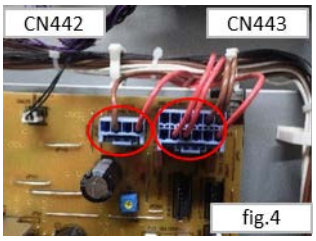
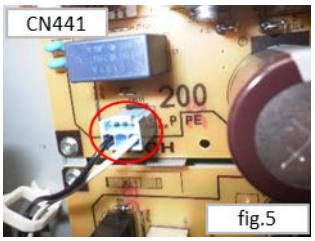
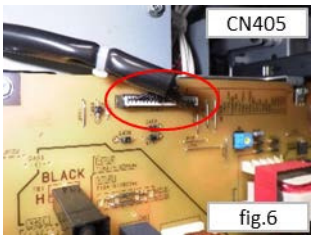
Please add the following SC670-00 table to your Field Service Manual.

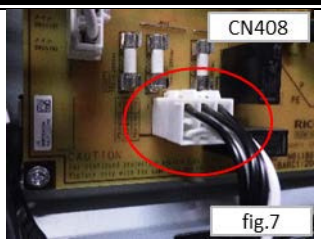
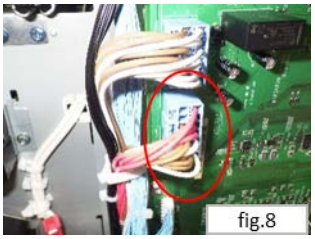
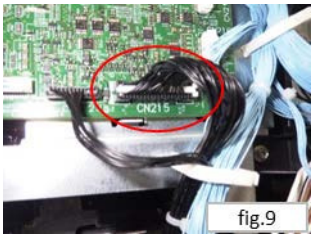
- Note that various factors can cause this SC.
- Troubleshoot by following the steps in the order described.
- See page 11 for board and harness location.

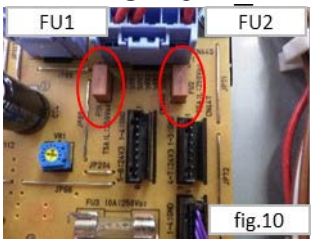
SC670-00

Error Name: **Engine Startup Failure**

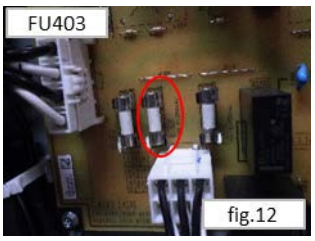
Steps	Possible cause	Troubleshooting procedure
1	IOB, BCU and IPU do not activate because AC power is not supplied from PSU-B. • Poor harness connection between PSU-B and IOB/BCU/IPU • PSU-B board failure	Check the LED status of the three boards. ・IOB LED2 (+5VL), LED3 (+5V)  ・BICU LED2 (+5V)  Result: LED On → Go to step 15. LED OFF → Go to step 2.
2	Connector contact failure on PSU-A [CN426_A]	Reseat CN426_A on PSU-A and turn ON the power. * Be careful not to bend the connector pins.

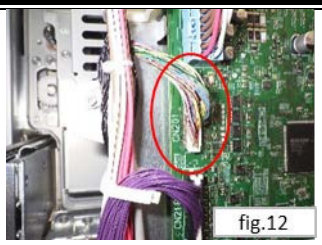
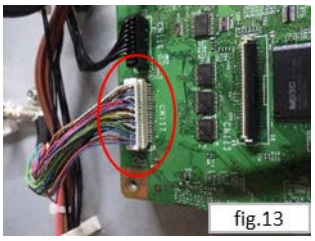
	AC power is not supplied to PSU-B due to poor connection between PSU-A and AC control board. Relevant connectors and harnesses: CN426_A D2705234	 fig.3 Result: No SC → END SC occurs → Go to step 3.
3	Connector contact failure on PSU-B [CN443_B] 5V power is not supplied to RYB due to poor connection between PSU-B and RYB. [CN442_B] 5V power is not supplied to IPU due to poor connection between PSU-B and IPU. [CN441_B] The AC power is not supplied to PSU-B due to poor connection between PSU-B and AC control board. Relevant connectors and harnesses: CN443_B D2705234 CN442_B D2705234 CN441_B D2705253	Reseat the three connectors and turn ON the machine. * Be careful not to bend the connector pins.  fig.4  fig.5 Result: No SC → END SC occurs → Go to step 4.
4	Connector contact failure on AC control board [CN405] AC power is not supplied to PSU-B due to poor connection between AC control board and PSU-A. [CN408] AC power is not supplied to	Reseat the two connectors on the AC control board and turn ON the power. * Be careful not to bend the connector pins.  fig.6

	PSU-B due to poor connection between AC control board and PSU-B. Relevant connectors and harnesses: CN405 D1795290 CN408 D1795292	 fig.7 Result: No SC → END SC occurs → Go to step 5.
5	Connector contact failure on RYB [CN328] Power (5V) is not supplied to RYB due to poor connection between RYB and PSU-B. Relevant connectors and harnesses: CN328 D2705227	Reseat CN328 on RYB and turn ON the power. * Be careful not to bend the connector pins.  fig.8 Result: No SC → END SC occurs → Go to step 6.
6	Connector contact failure on IOB [CN215] AC power is not supplied from AC control board to PSU_B due to poor connection between IOB and AC control board. Relevant connectors and harnesses: CN215 D2705223	Reseat CN215 on IOB and turn ON the power. * Be careful not to bend the connector pins.  fig.9 Result: No SC → END SC occurs → Go to step 7.
7	AC power is not supplied from AC control board to PSU-B due to failure of PSU-A.	Replace PSU-A and turn ON the power. * Be careful not to bend the connector pins. Result:

		No SC → END SC occurs → Go to step 8.
8	5V power is not supplied to IOB due to blown fuse on PSU-B.	Check for blown fuses on PSU-B. • FU1: 5VL • FU2: 5VL_A  fig.10 Note: • Use a multimeter. • Check both ends of the above fuses (backside of the board). Result: Not blown → Go to step 11. Blown → Verify the short circuit between CN443-1, -2, -3 (FU2) and Ground (chassis) and between CN443-4, -5, -6 (FU1) and Ground (chassis). ➢ If verified continuity, go to step 10. ➢ If no continuity, go to step 9. If you do not have a multimeter, check the solder balls and for any foreign objects on the PSU-B, then go to step 9.
9	Disconnection of harnesses. [CN426_A] AC power is not supplied to PSU-B due to poor connection between PSU-A and AC control board. Relevant connectors and harnesses: CN426_A (See fig.4) D2705234 [CN443_B]	Replace the three harnesses below and turn ON the power: D0BX5234, D2705227, D0BX5252 * Be careful not to bend the connector pins. Result: ・ No SC → END ・ SC occurred → Go to step 10.

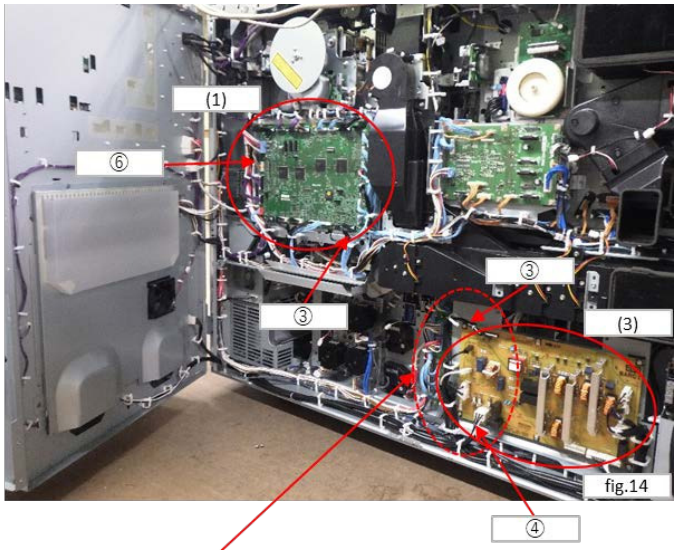
	5V power is not supplied to RYB due to poor connection between PSU-B and RYB. Relevant connectors and harnesses: CN443_B (See fig.5) D2705234, D2705223 [CN442_B] 5V power is not supplied to RYB due to poor connection between PSU-B and RYB. Relevant connectors and harnesses: CN442_B (See fig.5) D2705234 [CN405] AC power is not supplied to PSU-B due to poor connection between PSU-A and AC control board. Relevant connectors and harnesses: CN405 (See fig.7) D1795290 [CN328] 5V power is not supplied to RYB due to poor connection between PSU-B and RYB. Relevant connectors and harnesses: CN328 (See fig.9) D2705227	
10	Board failed (PSU-B) 5V power is no suppled to IOB. 5V power is not supplied to IPU.	Replace PSU-B and turn ON the power. * Be careful not to bend the connector pins. Result: ・ No SC → End ・ SC occurred → Go to step 11.
11	AC power is not supplied to PSU-B due to blown fuse on AC	Check FU403 (250V_5A) on AC control plate.

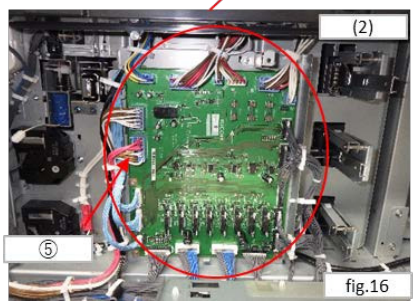
	control board. Relevant connectors and harnesses CN443 (See fig.5)	Not blown → Go to step 14. Blown → Verify no short circuit between CN408-2 and Ground, between CN408-5 and Ground, then go to No.12.  fig.12
12	[CN441_B, CN408] AC power is not supplied from AC control panel to PSU_B due to poor connection or short circuit originating in the harness. Relevant connectors and harnesses: CN441-B (See fig.6) CN448 (See fig.8)	Replace the two harness below and turn ON the power: D2705253, D0BX5252 * Be careful not to bend the connector pins. Result: ・ No SC → End ・ SC occurred → Go to step 13.
13	Power is not supplied to PSU-B due to defective AC control board.	Replace AC control board and turn ON the power. * Be careful not to bend the connector pins. Result: ・ No SC → End ・ SC occurred → Go to step 14.
14	Power (5V) is not supplied to IOB due to failure of RYB.	Replace RYB and turn ON the power. * Be careful not to bend the connector pins. Result: ・ No SC → End ・ SC occurred → Go to step 16.
15	[CN201] Communication error between IOB and BICU Relevant connectors and	Reseat CN201 on IOB and turn ON the power. * Be careful not to bend the connector pins.

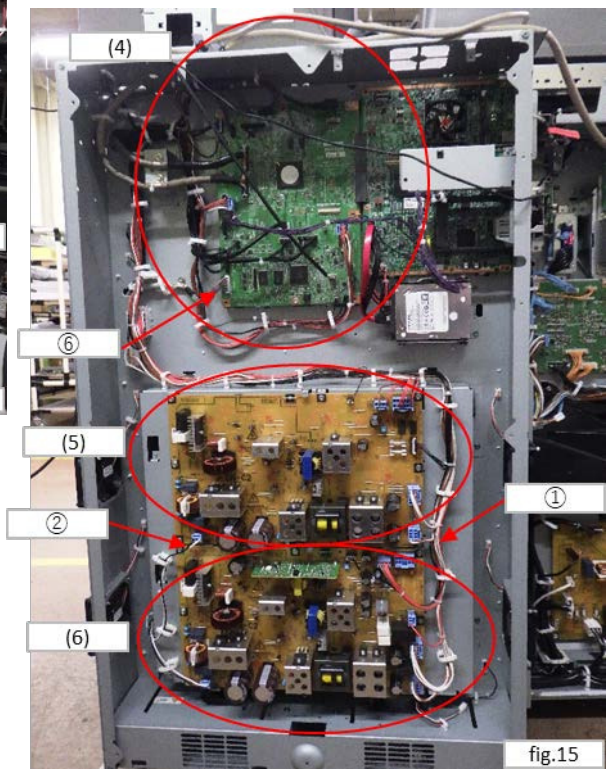
	harnesses: CN201 D1795208	 fig.12 Result: ・ No SC → End ・ SC occurred → Go to step 16.
16	Connector contact failure (BICU) [CN117] Communication error between BICU and IOB	Reseat CN117 on BICU and turn ON the power. * Be careful not to bend the connector pins.  fig.13 Result: ・ No SC → End ・ SC occurred → Go to step 17.
17	Connector contact failure [CN201, CN117] Communication error between IOB and BICU	Change harness (D0BX5208) and turn ON the power. * Be careful not to bend the connector pins. Result: ・ No SC → End ・ SC occurred → Go to step 18.
18	Communication error between BICU and IOB due to defective BICU	Change BICU and turn ON the power. * Be careful not to bend the connector pins. Result: ・No SC → END ・SC occurs → Go to step 19.
19	Communication error between BICU and IOB due to defective	Change IOB and turn ON the power.

	IOB	* Be careful not to bend the connector pins. Result: ・No SC → END

Board and harness location







＜Board information＞	
Board name	Part number
(1)：IOB	D0BX5405
(2)：RYB	D0BX5427
(3)：AC control board	D0BX5445
(4)：BICU	D0BX5403
(5)：PSU－B	AZ240356
(6)：PSU－A	AZ240355

＜Harness information＞	
Callout NO.	information
①	D0BX5234

②	D2705253
③	D0BX5223
④	D0BX5252
⑤	D2705227
⑥	D0BX5208

Model: Baron-C3	Date: 8-Apr-2020	No.: RD0BX021

Subject: New p/n for eDC applications	Prepared by: Keaton.Zuo
From: Service Planning Sect., Global Engineering Support Dept.	

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

The p/n (and product ID) of the eDC server applications used to be different by model (Andromeda, Leo and Baron series), but were unified to facilitate management.

See next page for required action.

1. PPTOP

	Old p/n	New p/n
Andromeda	M0B21409	**M0B21409A**
Taurus/Leo	M0BK1409H	
Baron	D0BX1439D	

2. NFC Plugin

	Old p/n	New p/n
Andromeda	M0B21415	**M0B21415A**
Taurus/Leo	M0BK1415A	
Baron	D0BX1435A	

3. USB Card Plugin

	Old p/n	New p/n
Andromeda	M0B21416	**M0B21416A**
Taurus/Leo	M0BK1416A	
Baron	D0BX1436A	

4. Quick Card Authentication Config

	Old p/n	New p/n
Andromeda	M0B21413	**M0B21413A**
Taurus/Leo	M0BK1413C	
Baron	D0BX1433B	

5. Bluetooth Service

	Old p/n	New p/n
Andromeda	M0BK1420A	**M0BK1420B**
Taurus/Leo	M0BK1420A	
Baron	D0BX1425	

6. IC Card Dispatcher

	Old p/n	New p/n
Andromeda	M0B21414	**M0B21414A**
Taurus/Leo	M0BK1414C	**M0BK1414D**
Baron	D0BX1434B	**D0BX1434C**

7. Kerberos Service

	Old p/n	New p/n
Andromeda	M0B21427	**M0B21427A**
Taurus/Leo	M0BK1427B	**M0BK1427C**
Baron	D0BX1438A	**D0BX1438B**

8. Language switching widget

	Old p/n	New p/n
Andromeda	M0B21418	**M0B21418A**
Taurus/Leo	M0BK1418C	
Baron	D0BX1444B	

9. Eco screen display widget

	Old p/n	New p/n
Andromeda	M0B21421	**M0B21421A**
Taurus/Leo	M0BK1421C	
Baron	D0BX1445B	

NOTE: The p/n remain different by model for 'IC Card Dispatcher' and 'Kerbos Service.'

Model: Baron-C3	Date: 8-Apr-2020	No.: RD0BX021

ACTION

Because the p/n of the applications uploaded on the eDC server has changed, attempting to update the existing eDC applications via the eDC server will cause a mismatch and fail as shown below. To prevent this, update the existing applications with an SD card using the following procedure. This will change the product ID contained in the app installed on the machine and allow update via the eDC server in the standard procedure thereafter.

*Shown to the left is an example of a mismatch error when attempted to update the Quick Card Authentication Config.

Procedure

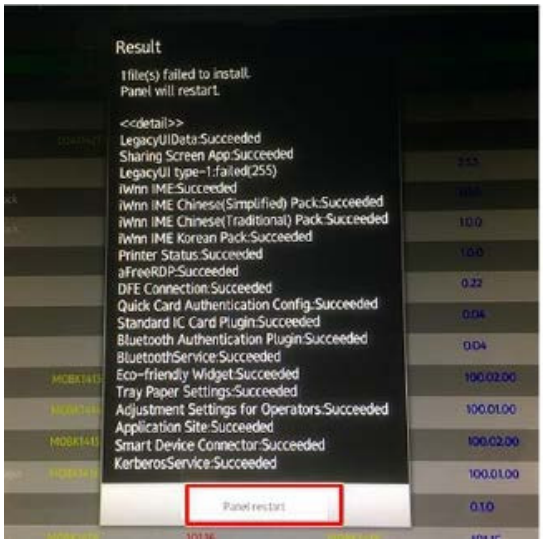
Creating an SD card for update

a) Download the updated app file from the Firmware Download Center.
b) Unzip the downloaded file.
c) Create a folder named “app” in the root directory of the SD card.
d) Store the unzipped file in the “app” folder.

Updating the app (product ID)

1. Log on to the operation panel in Service Mode.
2. Insert the SD card into the SD card slot on the operation panel.
3. Select [Apps] > [install] > [Install from SD Card].
4. Select the application you wish to update, and then press [Install].

5. Wait for the update to complete.
6. Verify that the application is correctly updated, and then press [Panel restart].



Re-issued: 27 Apr-2020

Model: Baron-C3	Date: 8-Apr-2020	NO.: RD0BX021a

RTB Reissue

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

Subject: New p/n for eDC applications			Prepared by: Keaton.Zuo
From: Service Planning Sect., Global Engineering Support Dept.			
Classification:	☒ Troubleshooting	☐ Part information	☒ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

The p/n (and product ID) of the eDC server applications used to be different by model (Andromeda, Leo and Baron series), but were unified to facilitate management.

See next page for required action.

1. PPTOP

	Old p/n	New p/n
Andromeda	M0B21409	**M0B21409A**
Taurus/Leo	M0BK1409H	
Baron	D0BX1439D	

2. NFC Plugin

	Old p/n	New p/n
Andromeda	M0B21415	**M0B21415A**
Taurus/Leo	M0BK1415A	
Baron	D0BX1435A	

3. USB Card Plugin

	Old p/n	New p/n
Andromeda	M0B21416	**M0B21416A**
Taurus/Leo	M0BK1416A	
Baron	D0BX1436A	

4. Quick Card Authentication Config

	Old p/n	New p/n
Andromeda	M0B21413	**M0B21413A**
Taurus/Leo	M0BK1413C	
Baron	D0BX1433B	

5. Bluetooth Service

	Old p/n	New p/n
Andromeda	M0BK1420A	**M0BK1420B**
Taurus/Leo	M0BK1420A	
Baron	D0BX1425	

6. IC Card Dispatcher

	Old p/n	New p/n
Andromeda	M0B21414	**M0B21414A**
Taurus/Leo	M0BK1414C	**M0BK1414D**
Baron	D0BX1434B	**D0BX1434C**

7. Kerberos Service

	Old p/n	New p/n
Andromeda	M0B21427	**M0B21427A**
Taurus/Leo	M0BK1427B	**M0BK1427C**
Baron	D0BX1438A	**D0BX1438B**

8. Language switching widget

	Old p/n	New p/n
Andromeda	M0B21418	**M0B21418A**
Taurus/Leo	M0BK1418C	
Baron	D0BX1444B	

9. Eco screen display widget

	Old p/n	New p/n
Andromeda	M0B21421	**M0B21421A**
Taurus/Leo	M0BK1421C	
Baron	D0BX1445B	

NOTE: The p/n remain different by model for 'IC Card Dispatcher' and 'Kerbos Service.'

The New p/n described above for IC Card Dispatcher and Kerbos are not available yet. Announcement will follow when the new versions become available.

Re-issued: 27 Apr-2020

Model: Baron-C3	Date: 8-Apr-2020	NO.: RD0BX021a

ACTION

Because the p/n of the applications uploaded on the eDC server has changed, attempting to update the existing eDC applications via the eDC server will cause a mismatch and fail as shown below. To prevent this, update the existing applications with an SD card using the following procedure. This will change the product ID contained in the app installed on the machine and allow update via the eDC server in the standard procedure thereafter.

*Shown to the left is an example of a mismatch error when attempted to update the Quick Card Authentication Config.

Procedure

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d) Store the unzipped file in the “app” folder.

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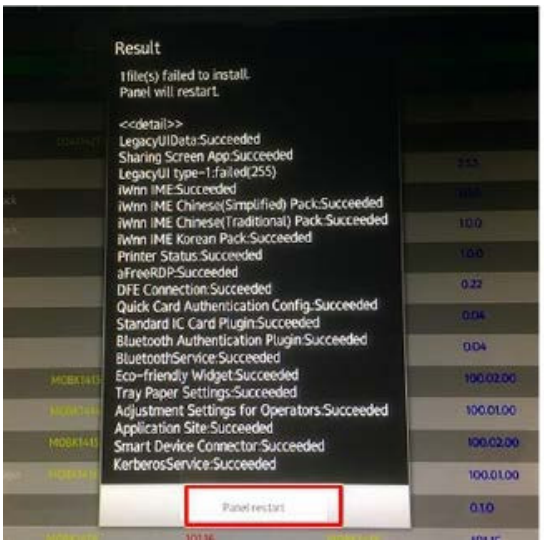
3. Select [Apps] > [install] > [Install from SD Card].
4. Select the application you wish to update, and then press [Install].

5. Wait for the update to complete.
6. Verify that the application is correctly updated, and then press [Panel restart].



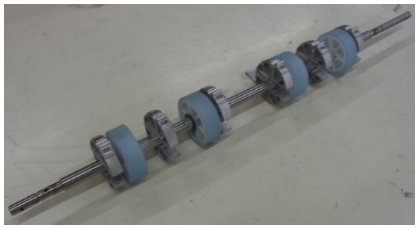
Model: Baron-C3/P3	Date:27-Apr-20	No.: RD0BX022

Subject: New registration gate roller more resilient to carbonless copy paper	Prepared by: Y. Tanimoto
From: Service Planning Sec. GES Dep. DASC	

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

SYMPTOM

The registration gate roller swells and then falls off from its metal core after printing more than 3000K of carbonless copy paper, causing paper jams.



CAUSE

Chemical substances contained in the paper deforms the registration gate roller over time.

- The problem occurs on machines that print only carbonless copy paper or print only a small amount of regular paper.
- The timing as to when the symptom starts to occur (approx. after 3000K) depends on the type of paper used.

SOLUTION

Production line:

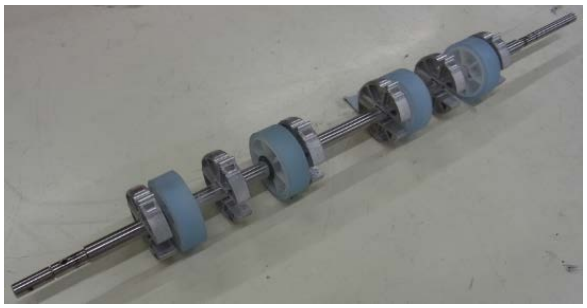
The material of the roller was modified to become more resilient to chemical substances contained in carbonless copy paper.

Cut-in S/N

The modified roller is installed on units of the following s/n.

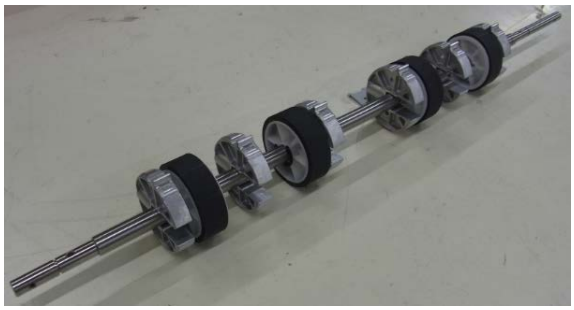
D0BX17 :	3679CC00001~	D0BZ17 :	3699CC00001~
D0BX27 :	3679CC30028~	D0BZ27 :	3699CC30001~
D0BX90 :	36700280001~	D0BZ90 :	36990C80001~
D0BY17 :	3689CC00001~	M0CL17 :	5469CC00001~
D0BY27 :	3689CC30001~	M0CL27 :	5460C230001~
D0BY90 :	36890C80001~	M0CM17 :	5479CC00007~
		M0CM27 :	5479CC30001~

Old



The rubber rollers are translucent blue.

New



The rubber rollers are dark gray.

In the field:

Replace with the modified roller.

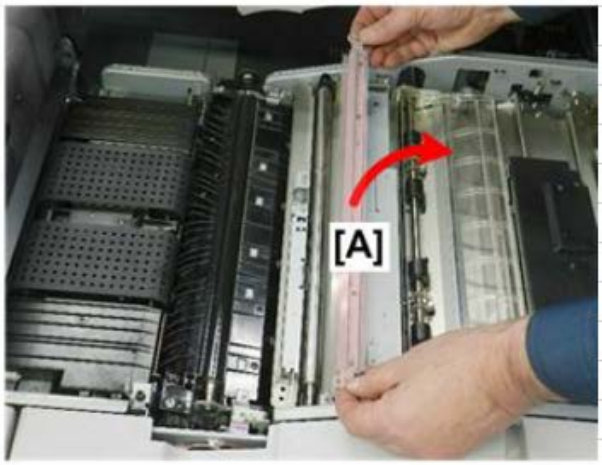
Work time: 30 ~ 45 min.

P/N	Description	Quantity
D2702602	REGISTRATION ROLLER:GATE:ASS'Y	1

Procedure

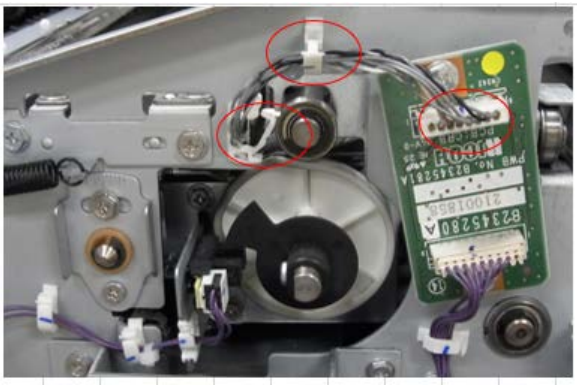
1. Open both front doors and pull out the drawer unit.
2. Remove the cover [A]. (M4 screw x 2)

3. Remove the dust collector [A] and empty it. (M4 screw x 2)



4. Remove the drawer right inner cover and knob. (M4 screw x 5)

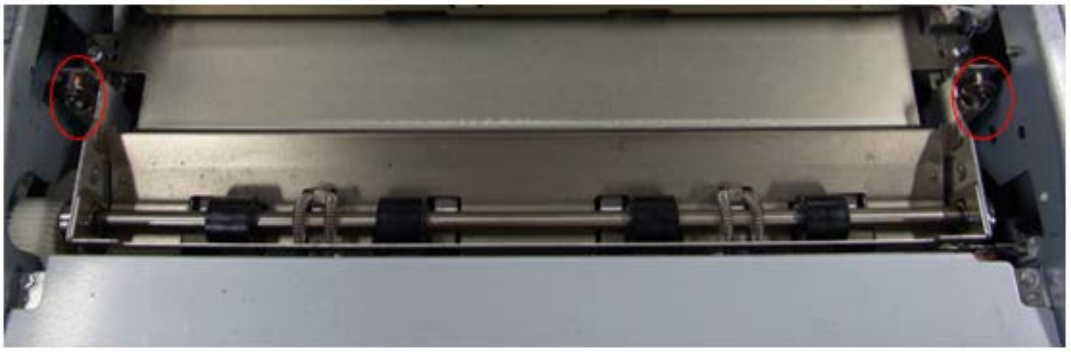
5. Disconnect the CIS connector and unlock the two harness clamps.



6. Remove the CIS upper cover. (M3 screw × 4)

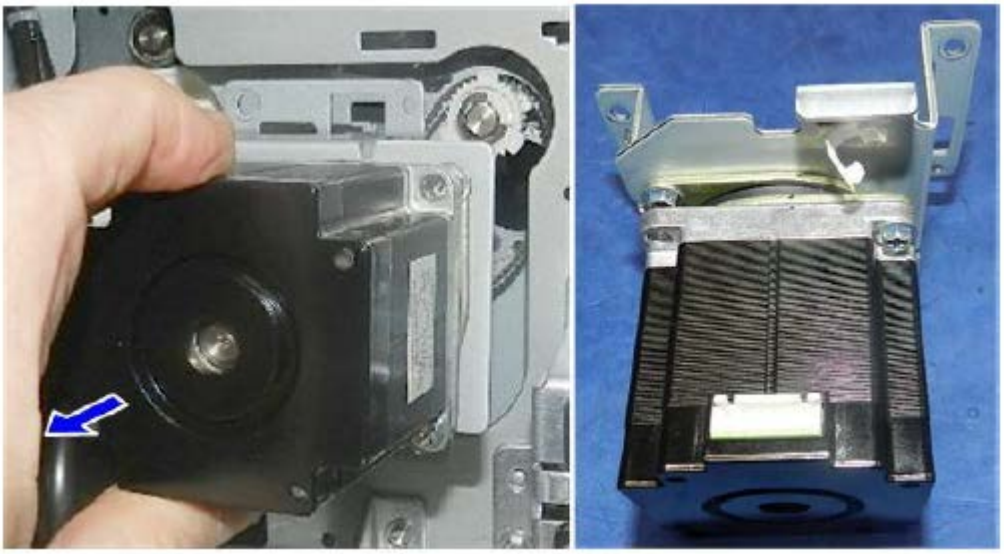
7. Remove the plastic (transparent) cover.

8. Remove the guide plate of the shift unit. (M3 screw x 2)

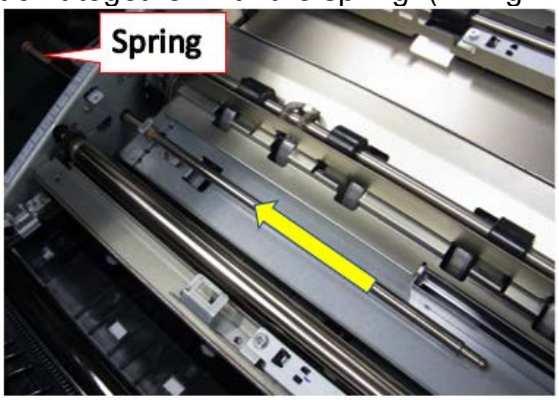


9. Remove the two springs.

10. Remove the transfer timing motor together with the bracket.
    See following section of the FSM:
    4. Replacement and Adjustment > Registration unit > Transfer Timing Motor



11. Remove the slide shaft of the shift unit together with the spring. (E-ring x 1)



12. Remove the gate home position sensor together with the bracket.

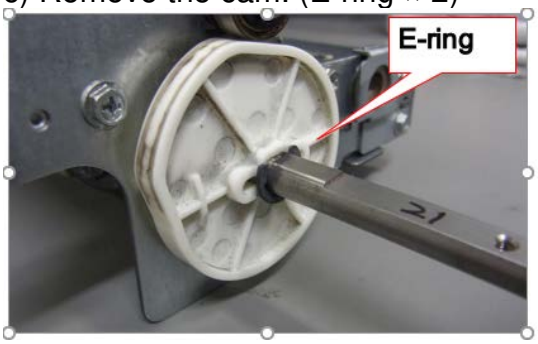
13. Remove the shift unit from the drawer unit.

14. Replace the registration gate roller with the modified one in the following procedure.

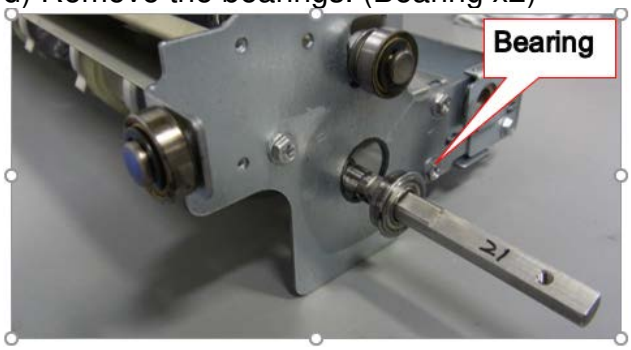
a) Remove the drive gear. (M3 screw × 1)

b) Remove the sensor feeler. (M3 screw × 1)

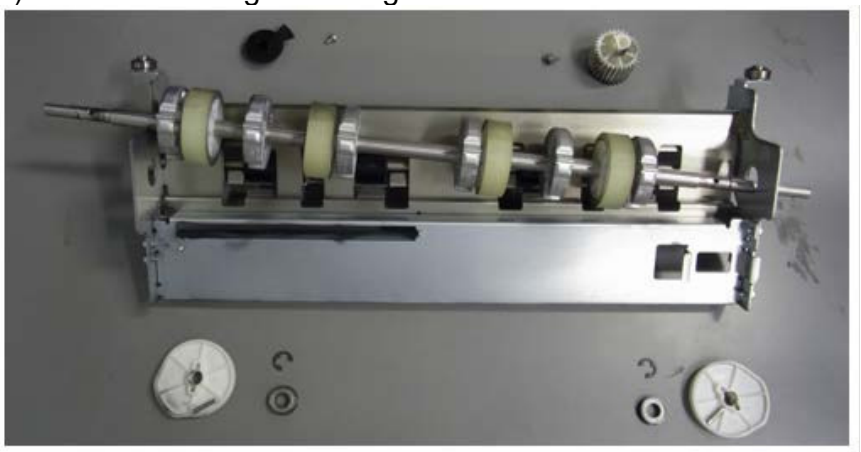
c) Remove the cam. (E-ring × 2)



d) Remove the bearings. (Bearing x2)



e) Remove the registration gate roller.



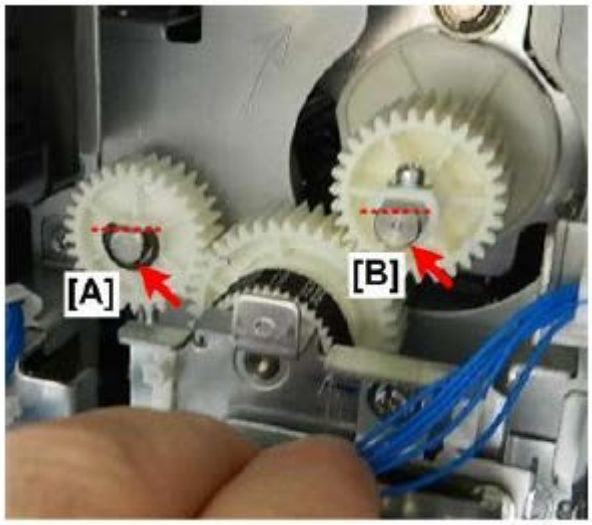
NOTE: When swollen the rollers may appear whitish as in above.

15. Put back the unit by following the above steps in reverse order.

Model: Baron-C3/P3	Date:	No.:

NOTE:

Before you re-attach the Registration Gate Roller Motor, make sure that the D-cut flat edges [A] and [B] on both shafts face up and are parallel.



- Turn either gear so that the flat edge faces up. Ensure the flat edges are both facing up after setting the motor.
- If they are not facing up and parallel, the gears will be out of alignment, which may cause paper jams in the registration unit.

Model: Baron-P3/C3	Date: 28-Apr-20	No.: RD0BX023

Subject: Troubleshooting J49/J50 caused by loose registration timing roller	Prepared by: Y. Tanimoto
From: Service Planning Sect., Global Engineering Support Dept.	

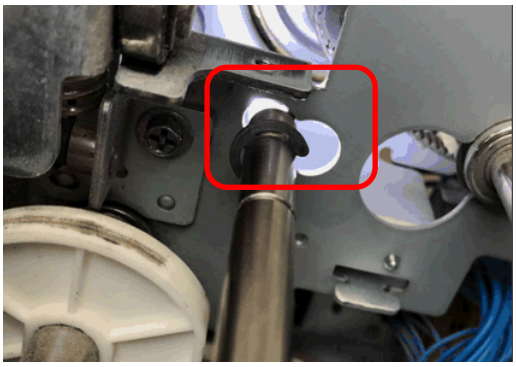
Classification:			
	☒ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☒ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

PROBLEM

J49 (over skew) / J50 (over shift)

CAUSE

The gap between the registration timing roller and its idle roller is too small for the leading edge of the paper to pass through. This happens because the radial load generated by the registration timing roller wears the keyhole-shaped slot on the side plate to which the roller is fixed, causing a loose shaft. The wear occurs over time at approximately 50,000K.

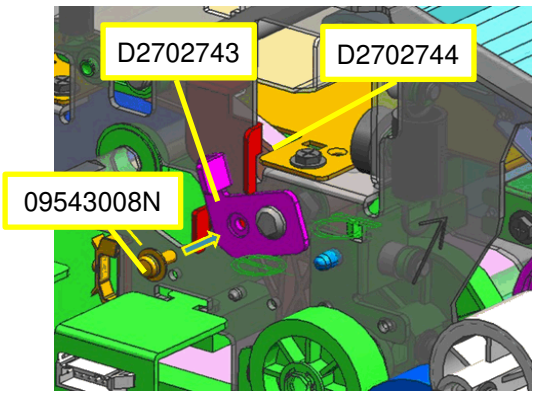


Worn keyhole-shaped slot on the side plate

SOLUTION

Production line:

Added a holder and bracket, to firmly support the timing roller in the slot.



P/N	Description	Q'ty
D2702743	HOLDER: SHAFT: ARM	1
D2702744	BRACKET: HOLDER: SHAFT	1
09543008N	SCREW: POLISHED ROUND / SPRING: M3X8	1

Cut-in S/N

D0BX17 : 3670C100126~
D0BX27 : 3670C230001~
D0BX90 : 36700280001~
D0BY17 : 3680C100011~
D0BY27 : 3680C130001~
D0BY90 : 36890C80005~
D0BZ17 : 3690C200001~
D0BZ27 : 3690C230001~
D0BZ90 : 36990C80009~
M0CL17 : 5460C100005~
M0CL27 : 5460C230001~
M0CM17 : 5470C200001~
M0CM27 : 5470C230001~

In the field:

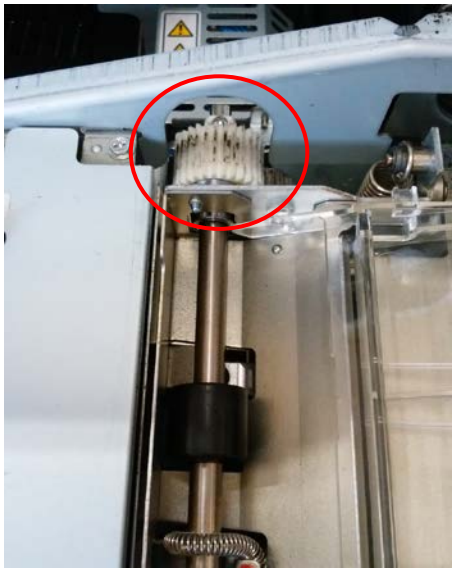
1) First, check if the gap between the timing roller and its idle roller.
2) If the gap is too narrow, implement the modification with the three new components (holder, bracket & screw).

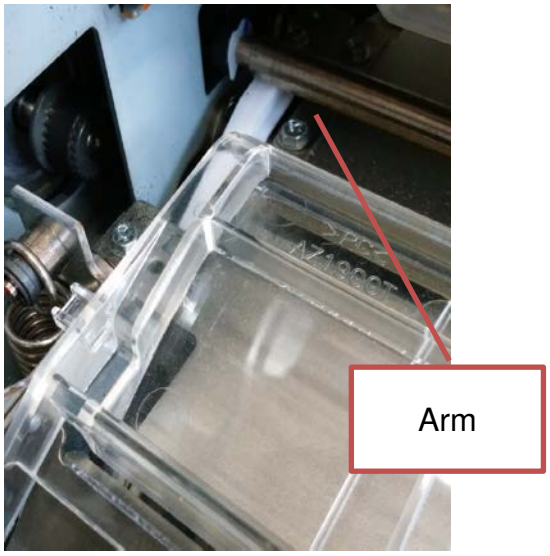
Note:
This solution is also compatible with previous models, the Pro 8100 and Pro 8200 series.

Work time: Approx. 60min

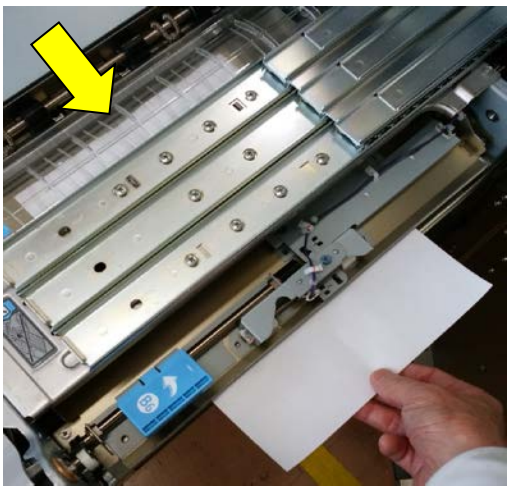
Check Procedure

1. Pull out the drawer unit and turn the gear circled in red with your fingers until the arm reaches the highest position.





2. Lift up the B6 lever and insert a plain sheet of paper in between the guide plate.



If the paper comes through the transparent cover smoothly:

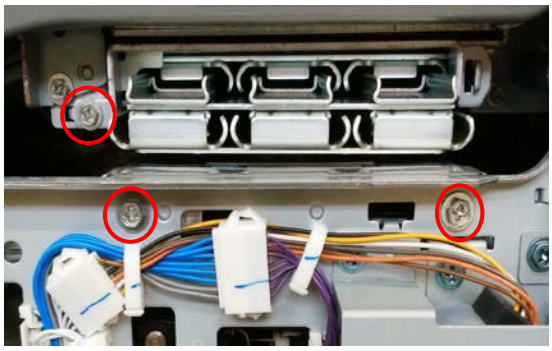
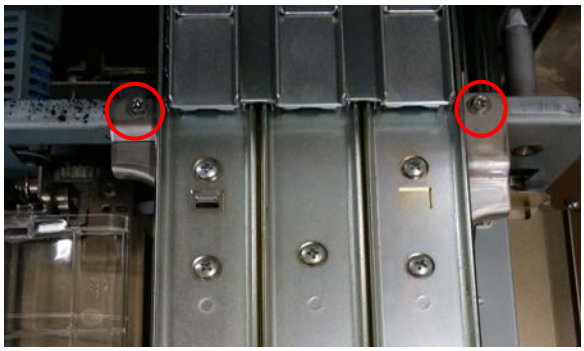
➔ No problem. The jams are not caused by a loose timing roller.

If the paper does not come through the transparent cover smoothly:

➔ The keyhole is worn. Do the modification described on the following pages.

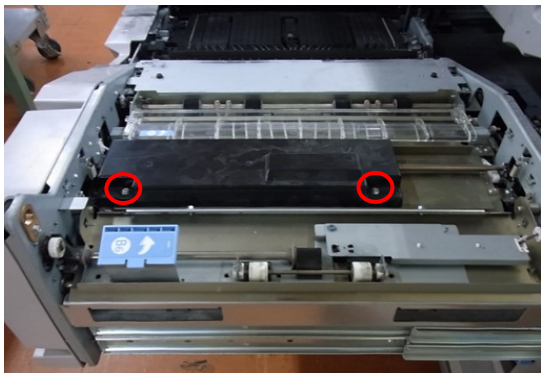
Modification procedure

1. Pull out the drawer unit, remove the right inner cover, remove the 5 screws circled in red and remove the slide rail.

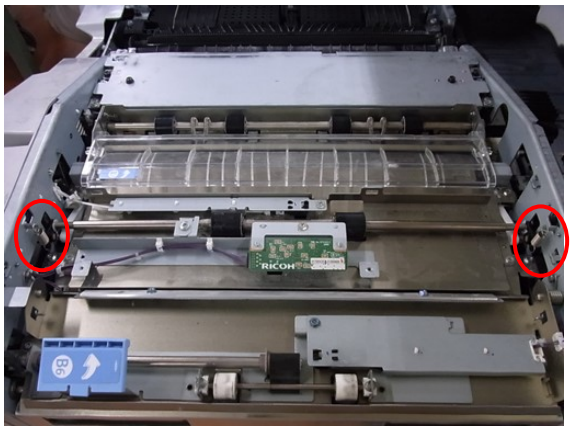



2. Remove the black cover. (screw x2)


Front view


Side view

3. Remove the two pressure springs of the pressure roller.




Front Rear

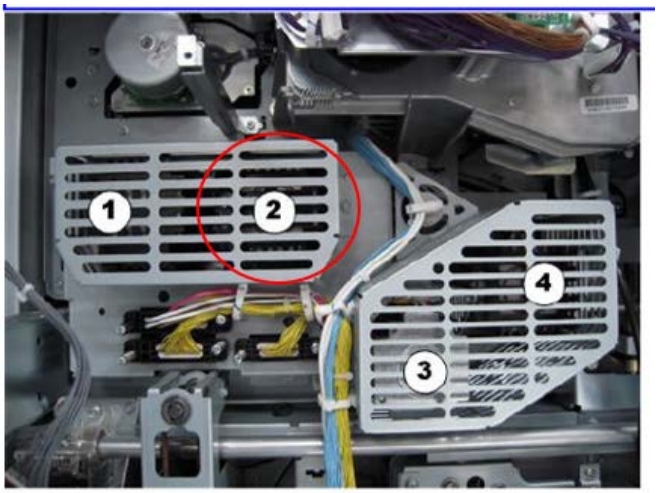
4. Remove the two plastic stopper rings, one each on both ends, and remove the pressure roller.

5. Remove the transparent plastic cover, and then remove the four screws circled in red.

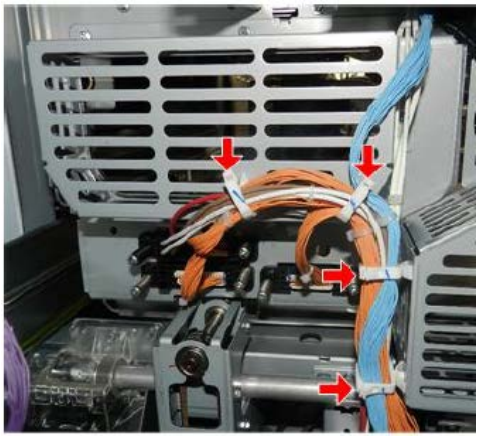
6. Disconnect the sensor connectors and remove the registration timing roller cover.

7. Close the drawer unit

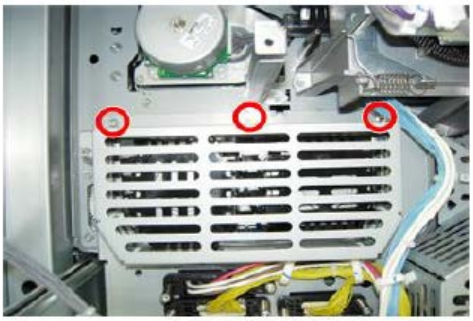
8. Open the controller box and tilt the IO board bracket to access the registration timing motor.

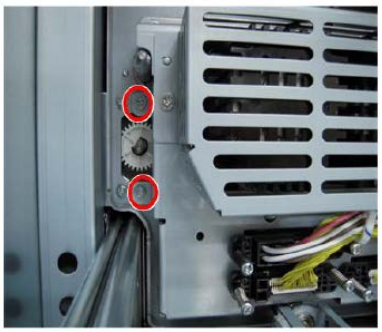


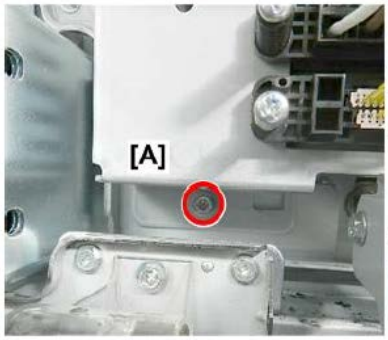
9. Unlock the four harness clamps and free the harness.

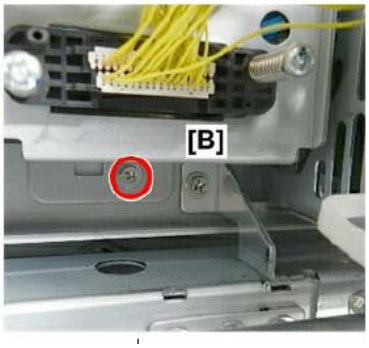


10. Remove the following 7 screws.



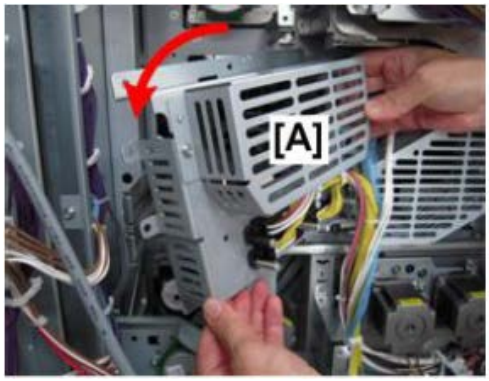






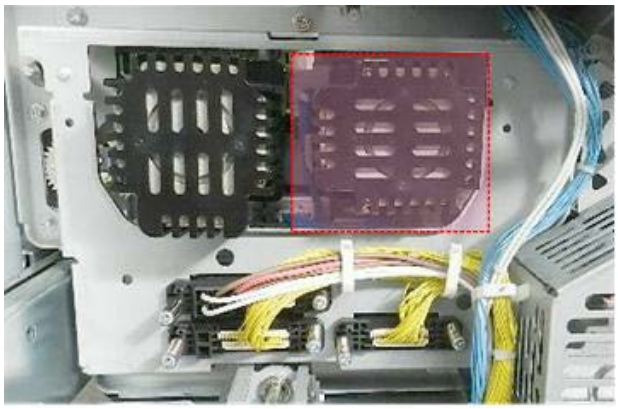
11. Pull out the drawer unit.

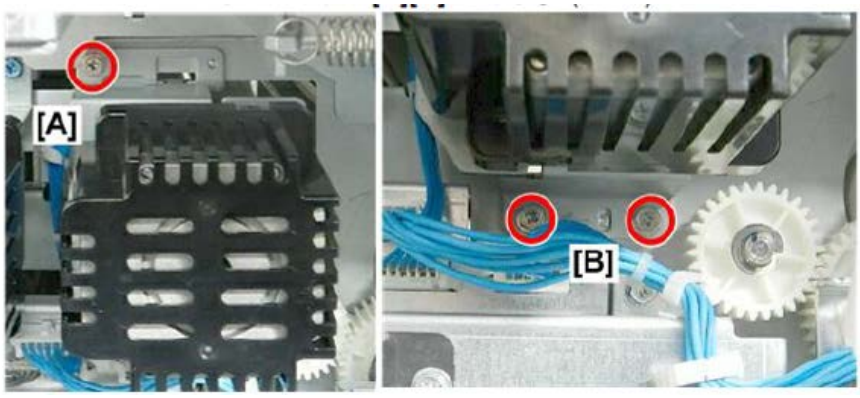
12. Remove the motor cover [A].



13. Close the drawer unit.

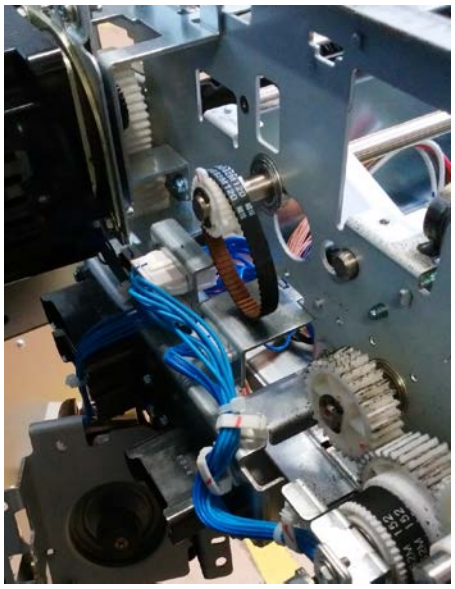
14. Remove the registration timing motor cover. (screw x3)



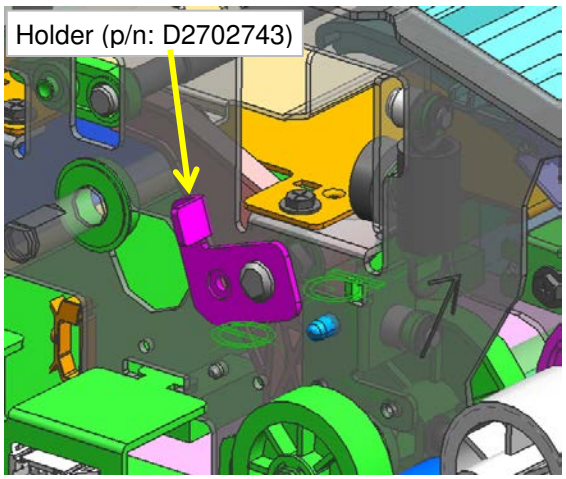


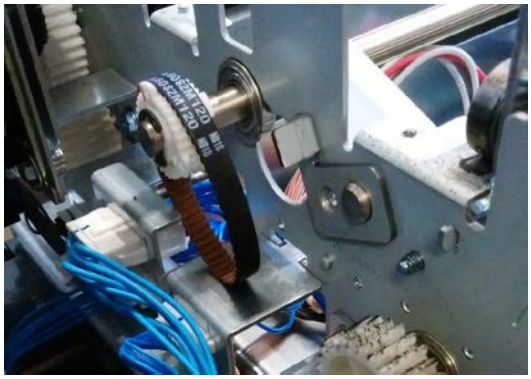
15. Pull out the drawer unit.

16. Remove the registration timing motor together with the bracket. Work carefully not to drop the timing belt.

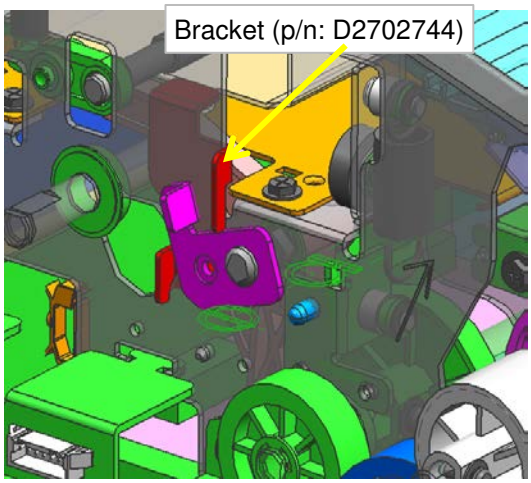


17. Temporarily attach the holder from the rear side of the rear plate as shown.

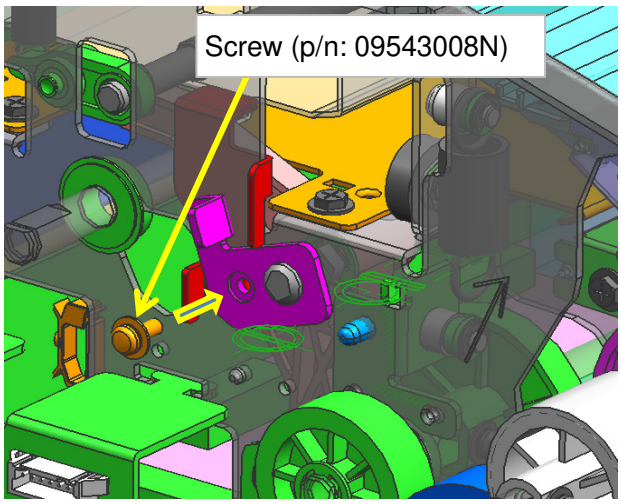




18. Attach the bracket from the inside of the rear plate as shown. (See last page for the position of the holder and bracket.)

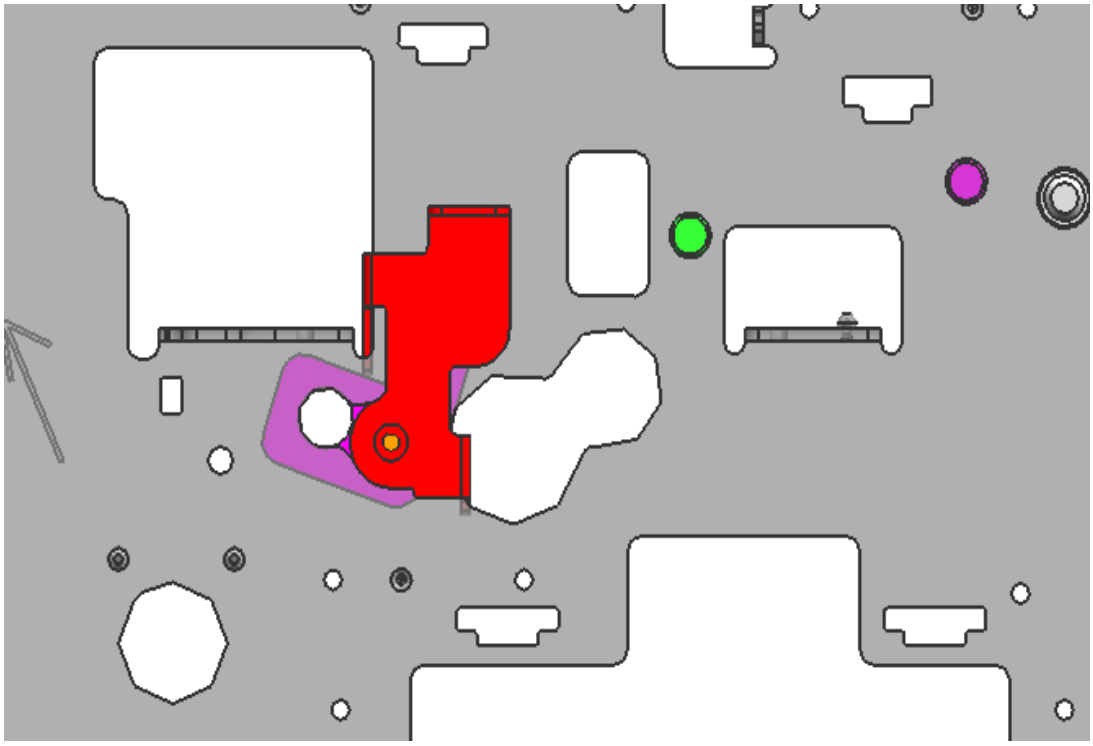


19. Fix the holder and bracket with the screw.



20. Put back the unit by following the above steps in reverse order.

Holder and Bracket position viewed from front



Model: Baron-P3/C3	Date: 8-May-20	No.: RD0BX024

Subject: FSM correction to the installation procedures	Prepared by: Y. Tanimoto
From: Field QA Mgmt. Sect., Global Engineering Support Dept.	

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

Please make corrections to the installation procedure in the FSM for the following 7 devices:

1. Finisher SR5110/SR5120 (D3G9/D3G8)
2. Cover Interposer Tray Double-Feed Detection Kit Type S11 (D3GA)
3. Vacuum Feed Banner Sheet Tray Type S9(D3EW)
4. ADF Double-feed Detection Kit Type S7 (D3DS)
5. Bridge Unit BU5010 (D778)
6. Mainframe Pro 8300S/8310S/8320S/8310/8320 (D0BX/D0BY/D0BZ/M0CL/M0CM)
7. Bridge Unit BU5020 (D3GN)

1. Finisher SR5110/SR5120 (D3G9/D3G8)

Correction 1-1

2. Installation > Finisher SR5110/SR5120 (D3G9/D3G8) > Accessories > Shift Tray/Other Parts [A]

Deleted the last 2 lines in the table below.

No.	Description	Q'ty
1	Shift Tray	2
2	Entrance Guide Plate	1
3	Ground Plate	1
4	Screws M3x8	9
5	Screws M3x6 (Rounded End)	2
6	Screws M3x6	2
7	Screws M4x14	4
8	Cover for Overturning Prevention Stand	1
9	Bracket	1
10	Leveling Shoes	5
11	Power Cord	1
-	~~Tapping screw 3x8~~	~~1~~
-	~~Tapping screw 4x8 (Rounded End) *1~~	~~6~~

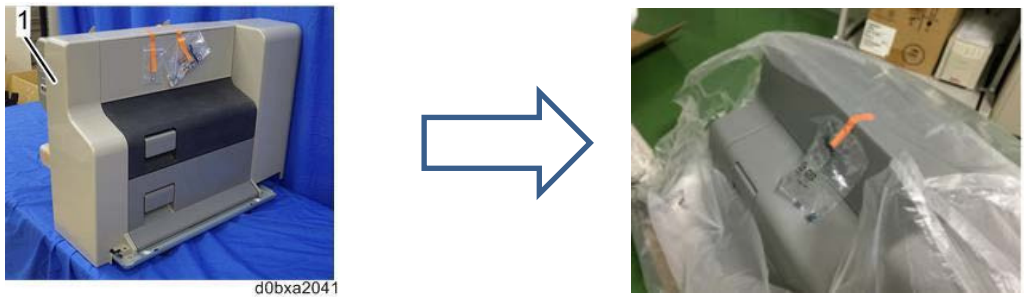
*1: This screws are provided in another bag that differ from the bag containing No.4 to No.7 screws.

Correction 1-2

2. Installation > Finisher SR5110/SR5120 (D3G9/D3G8) > Accessories > Booklet Tray [B] (Booklet Finisher SR5120 Only)

Changed the picture as follows.

Upper Shift Unit [C]



Changed the line below.

No.	Description	Q'ty
1	Upper Shift Unit	1

-	Tapping screw 3x8	1
-	Tapping screw 4x8 (Rounded End) *1	6

Correction 1-3

2. Installation > Finisher SR5110/SR5120 (D3G9/D3G8) >Installing Punch Unit PU5030 NA, EU, SC(D3GJ) > Accessories

Deleted the last line in the table below.

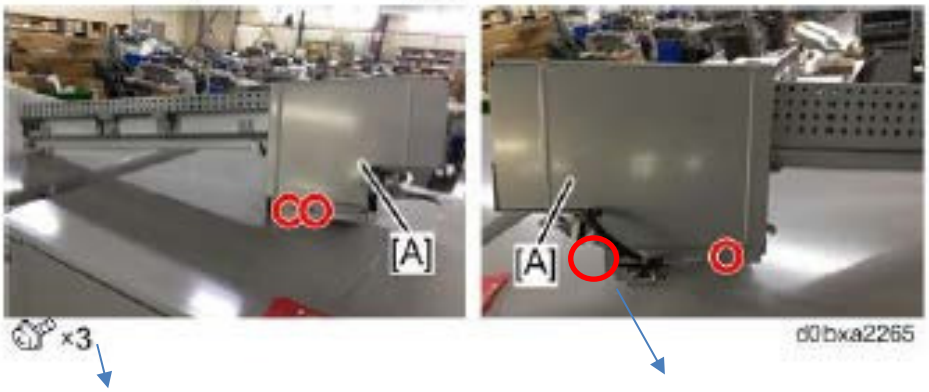
No.	Description	Q'ty
1	CIS	1
2	Punch Unit	1
3	Sensor Bracket	1
4	HARNESS:PUNCH:OVERFLOW:SENSOR:ASS'Y	1
5	HARNESS:MAIN:PUNCH:BASE:ASS'Y	1
6	BRACKET:FIX:PCB:PUNCH UNIT	2
7	LOCK SPRING	1
8	SCREW:CONTACT POINT	1
9	PCB:PUNCH	1
10	Controller Board Bracket	1
12	Punch Hopper	1
-	TAPPING SCREW - M3X6	16
-	~~HARNESS:PUNCH:PUNCH SECTION:MOTOR:ASS'Y~~	~~1~~

Correction 1-4

2. Installation > Finisher SR5110/SR5120 (D3G9/D3G8) >Installing Punch Unit PU5030 NA, EU, SC(D3GJ) > Installation

Added a red circle and corrected the number of screws from 3 to 4.

8. Remove the punch unit cover [A].



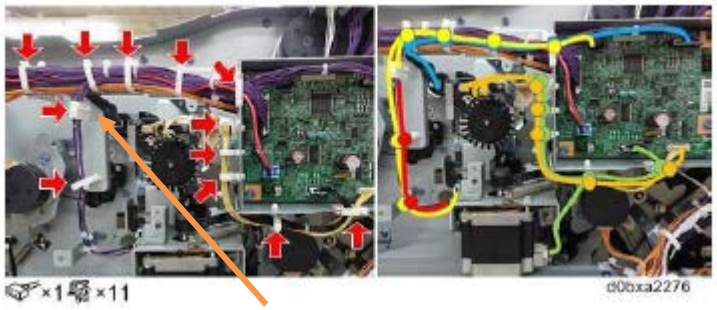
3 → 4

Added this red circle.

Correction 1-5

Added the orange arrow to clarify the connector position.

20. Route the harnesses between the punch unit and punch unit PCB as shown below.



Connector

.

2. Cover Interposer Tray Double-Feed Detection Kit Type S11 (D3GA)

2. Installation > Cover Interposer Tray Double-Feed Detection Kit Type S11 (D3GA) > Installation Procedure > Installing the Double-Feed Detection Kit

Correction 2-1

Changed the description as follows.

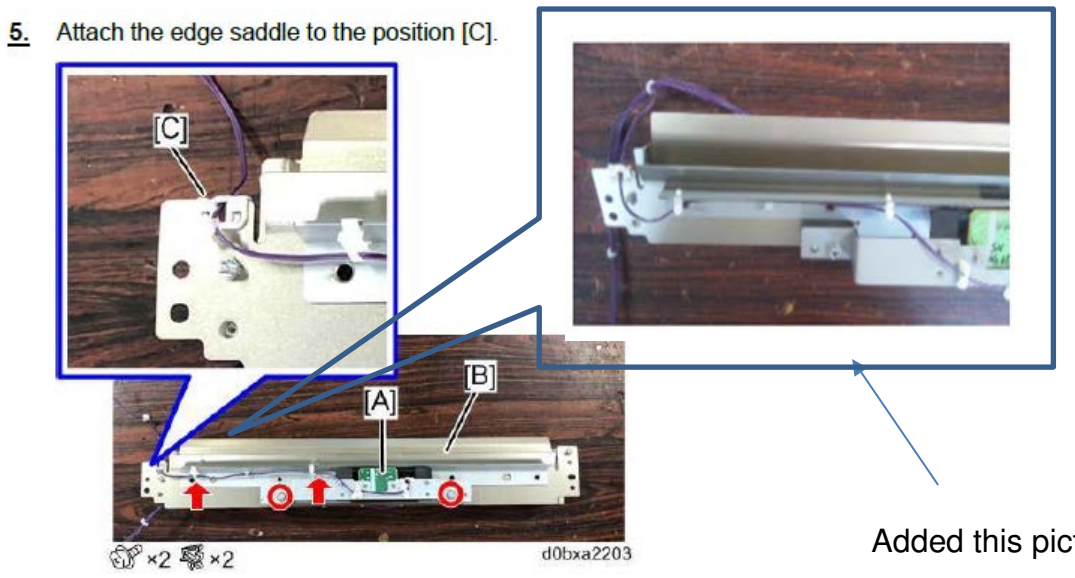
3. Clamp the double-feed sensor (left) [A].

⇩

3. Attach the wire saddle (No.9) to the guide plate [B].

Correction 2-2

Added an enlarged view for clarification.

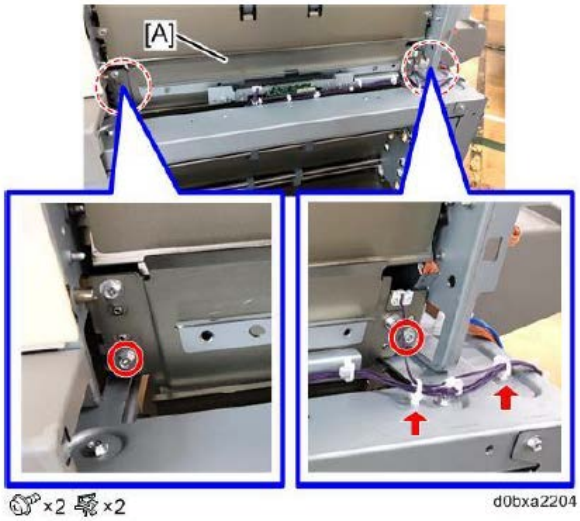


Added this picture.

Correction 2-3

Changed the descriptions as follows.

6. Attach the guide plate [A]. (M4x8)



Attach the guide plate [A]. (M4x8)

⇩

Attach the guide plate [A] (M4x8) and wire saddles (No.9 x2).

Correction 2-4

Added the callout number of the wire saddle.

10. Connect the connectors of the double-feed sensor (right) and the double-feed sensor (left) to the PCB [A], and then fix the harnesses to the stay with the clumps.

⇩

10. Connect the connectors of the double-feed sensor (right) and the double-feed sensor (left) to the PCB [A], and then fix the harnesses to the stay with the wire saddles (No.10).

Correction 2-5

2. Installation > Cover Interposer Tray Double-Feed Detection Kit Type S11 (D3GA) > Installation Procedure > Attaching the Exterior Parts

Corrected the screw size.

1. Attach the shield plate [A]. (M3x8)

⇩

1. Attach the shield plate [A]. (M4x8)

Correction 2-6

Added the following note and photo to the last part of this section.

How to activate the double-feed sensor

Do the procedure below to activate the double-feed sensor after its installation.

1. Activation
   Enter the SP mode and make the following SP settings.
   SP6-416-001 (Tray 1): 0 → 1
   SP6-416-002 (Tray 2): 0 → 1

2. Operation check
   Place a sheet or two as shown in the picture below and then do SP6-410-032.

   Single sheet : “0” (No double-feed)
   Double sheets : ”1” (double-feed detected)

   If the results are wrong, verify proper installation of the sensor.

3. Vacuum Feed Banner Sheet Tray Type S9 (D3EW)

2. Installation > Vacuum Feed Banner Sheet Tray Type S9(D3EW) > Accessories

Correction 3-1

Corrected the number of screws from 10 to 6.

Accessories

No.	Description	Q'ty
1	End Fence (Short)	2
2	End Fence (Long)	1
3	Front Cover	1
4	Upper Bottom Plate	1
5	Lower Bottom Plate	1
6	Rear Cover	1
7	Stopper Plate	4
8	Edge Saddle	2
9	Tapping Screw – M4×8	6
10	Tapping Screw – M3×10	2
11	Decal Sheet: Scale	1

M3x6.

Correction 3-2

Deleted the two descriptions in brackets.

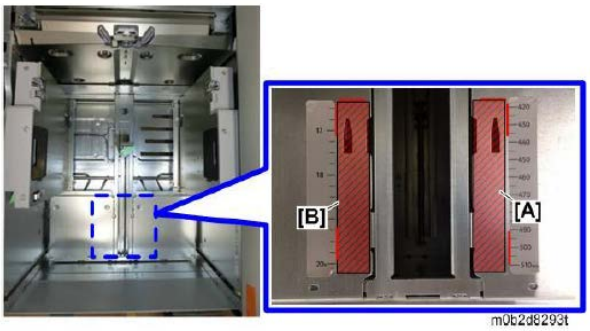
No.	Description	Q'ty
23	Raised Bottom Plate ~~(Not used with this machine)~~	1
24	Shouldered Screw ~~(Not used with this machine)~~	1
-	Tapping Screw – M4×12	7
-	Tapping Screw – M4×8	2

Correction 3-3

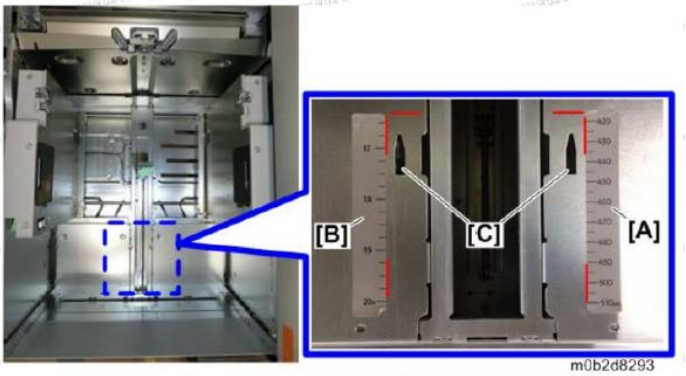
2. Installation > Vacuum Feed Banner Sheet Tray > Before

Changed the instruction and photo.

No. 35.



Attach the scale decals [A] and [B] by referring to the red markings.

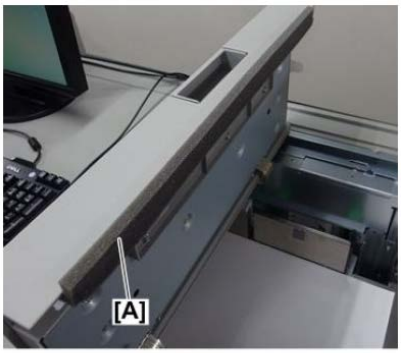


Correction 3-4

Added the following instructions (No.57-1 ~ 5) after No.57.

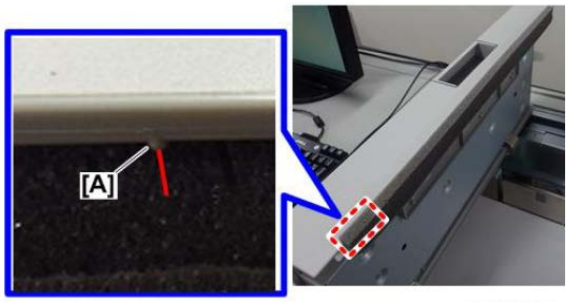
57-1. Open the top cover.

57-2. Attach the Sponge Strip [A] (No.17) to the inside of the top cover.



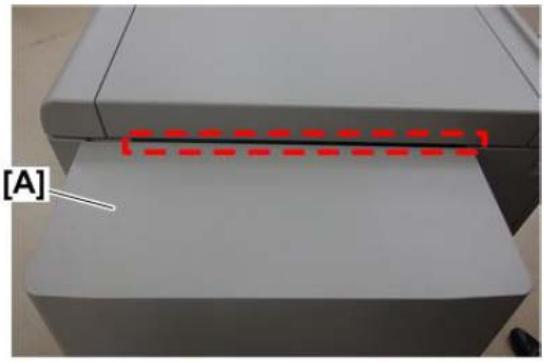
m0b2d8119

Align the slit on the Sponge Strip with the protrusion [A].



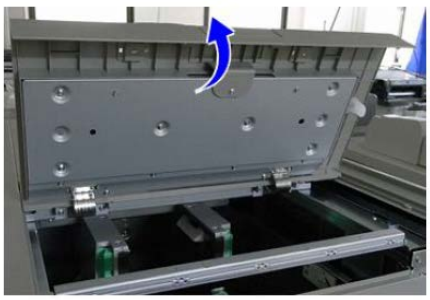
m0b2d8120

57-3. Close the cover [A] and verify no gap in the area outlined in red.



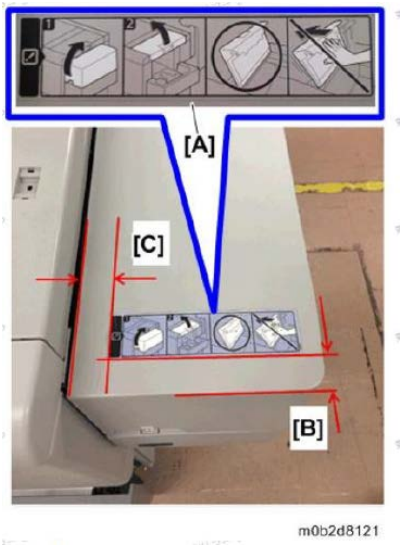
d194d9564

57-4. Open the top cover.



m0b2d8203

57-5. Attach the decal [A] on the top cover.



B: 30±5mm

C: 30±5mm

Slant: 1 degree

4. ADF Double-feed Detection Kit Type S7 (D3DS)

2. Installation > ADF Double-feed Detection Kit Type S7 (D3DS) > Installation > Installing the kit

Correction 4-1

Corrected the description and photo for [B] as follows.

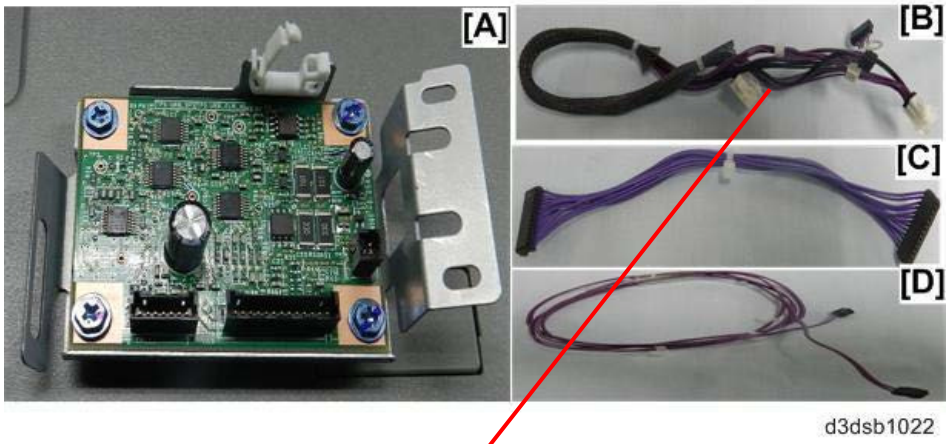
9. Gather these items:

[A] Double-feed sensor board with attached clamp

[B] ~~Shielded harnesses~~ → Long harness (7-pin)

[C] Short harness (13-pin)

[D] Long harness (2-pin)



Correction 4-2

2. Installation > ADF Double-feed Detection Kit Type S7 (D3DS) > Installation > Final Adjustments

Added the descriptions in red and a picture.

Double-feed detection must be enabled, and the detection sensitivity must be specified.

1. Make sure that the machine is fully reassembled.

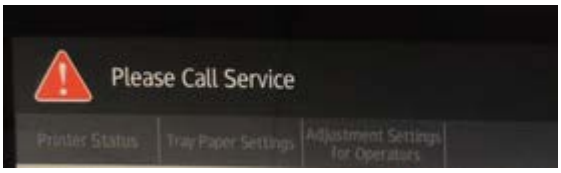
2. Connect the machine to the power source and turn it ON.

3. Enter the SP mode.
4. Go to SP6040-001, and then set it to "1" (On).

This enables double-feed detection.

Note:

Message “Please Call Service” may appear at the upper left of the operation panel. Ignore the message and continue with the procedure.



5. Go to SP6040-008 to adjust double-feed sensitivity.
6. Set an original in the ADF, and then press [Start]. (If you set more than one original, only one will feed.)
7. Touch "EXECUTE" to feed one sheet
   - The sensitivity setting for one sheet is written into flash memory.
   - The machine displays the "Completed" message. This tells you the setting was successfully stored.

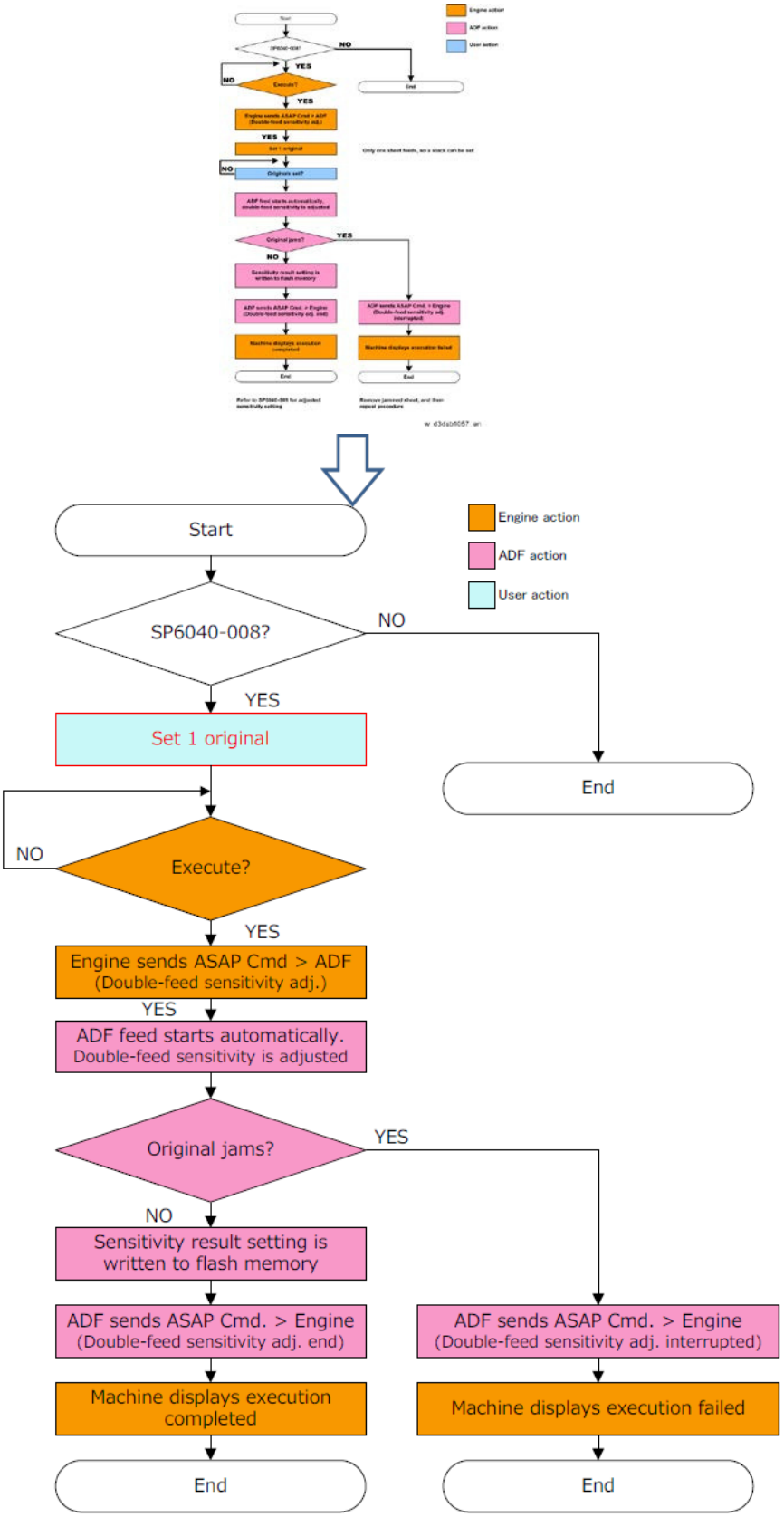
   -or-
   - If the machine displays the "Failed" message, repeat the procedure.
8. Touch "CLOSE".
9. Go to **SP6040-009** to check the value of the registered setting.
10. Touch "EXECUTE".
11. When you see the "COMPLETE" message, touch "CLOSE".
    You will see the sensitivity setting displayed below the "EXECUTE" button on the screen.
    Check the results by referring to [Sensitivity adjustment result] below.
12. Turn the power Off and then On to run the initialization.
    If SC703-01 appears, check the connections between the sensors and PCB, and then redo the adjustment from the beginning.

[Sensitivity adjustment result]

- 01h: Not performed (Sensitivity adjustment was not performed)
- 02h: Low sensitivity (Success)
- 03h: High sensitivity (Success)
- 04h: Error (Check the sensor installation. Check the connections between the sensors and PCB and then redo the adjustment from the beginning.

Correction 4-3

Replaced the flow chart.

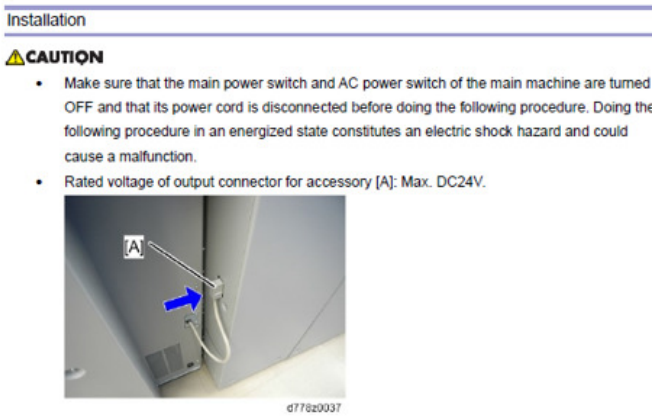


5. Bridge Unit BU5010 (D778)

2. Installation > Bridge Unit BU5010(D778) > Installation > Horizontal Transport Unit

Correction

Added the description in red after the CAUTION note, to meet European safety standards.



- When disconnecting the Bridge Unit, DO NOT disconnect it from the device connected to its right-hand side (viewed from front). Disconnect it from the device connected to the left-hand side, or the Bridge Unit may fall and cause injury.

6. Mainframe Pro 8300S/8310S/8320S/8310/8320 (D0BX/D0BY/D0BZ/M0CL/M0CM)

2. Installation > Installation Requirements > Operating Environment

Correction

Corrected the air turnover rate from 30m^3 hr/person to 50m$^{3/}$hr/person.

2. Installation

Item	Details
Target Temperature & Humidity	23°C (73.4°F), 50% RH
Temperature range	10° to 32°C (50° to 90°F) Perfect Binder: 15° to 30°C (59° to 86°F)
Humidity range	15 to 80% RH
Ambient illumination	Less than 1500 lux
Ventilation	Air turnover rate of more than 30m3/hr/person
Ambient dust	Less than 4.0 mg/m3

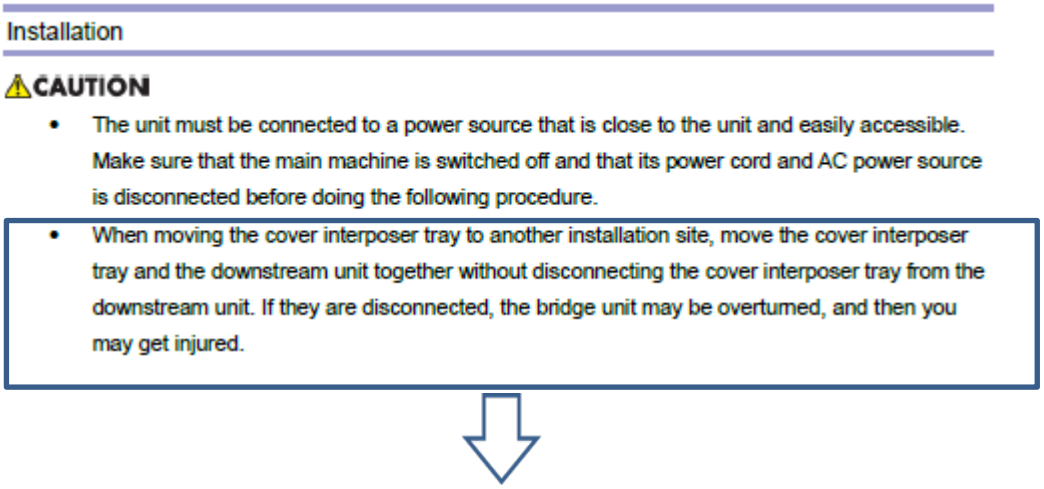
Ventilation	Air turnover rate of more than 50m3/hr/person

7. Bridge Unit BU5020 (D3GN)

2. Installation > Bridge Unit BU5020 (D3GN)> Installation

Correction

Corrected the description below.



Installation

⚠CAUTION

- The unit must be connected to a power source that is close to the unit and easily accessible. Make sure that the main machine is switched off and that its power cord and AC power source is disconnected before doing the following procedure.
- When moving the cover interposer tray to another installation site, move the cover interposer tray and the downstream unit together without disconnecting the cover interposer tray from the downstream unit. If they are disconnected, the bridge unit may be overturned, and then you may get injured.

When moving ~~the cover interposer tray~~ the Bridge Unit to another installation site, move the cover interposer tray and the downstream unit together without disconnecting ~~the cover interposer tray~~ the Bridge Unit from the downstream unit. If they are disconnected, the bridge unit may be overturned, and then you may get injured.