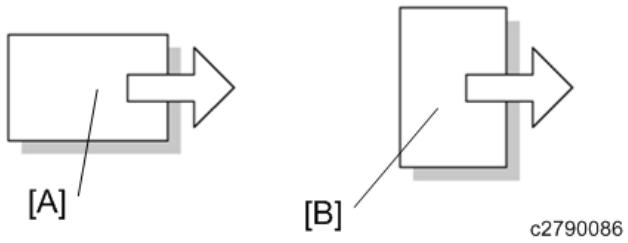
Cover Interposer Tray CI5040
Machine Code: D3GA
Field Service Manual
Ver 1.0

Latest Release: March, 2019
Initial Release: March, 2019

Symbols, Abbreviations

This manual uses several symbols and abbreviations. The meaning of those symbols and abbreviations are as follows:

Symbol	What it means
	Clip ring
	Screw
	Connector
	Clamp
	E-ring
	Flat Flexible Cable
	Timing Belt
SEF	Short Edge Feed
LEF	Long Edge Feed
K	Black
C	Cyan
M	Magenta
Y	Yellow
B/W, BW	Black and White
FC	Full color



[A] Short Edge Feed (SEF)

[B] Long Edge Feed (LEF)

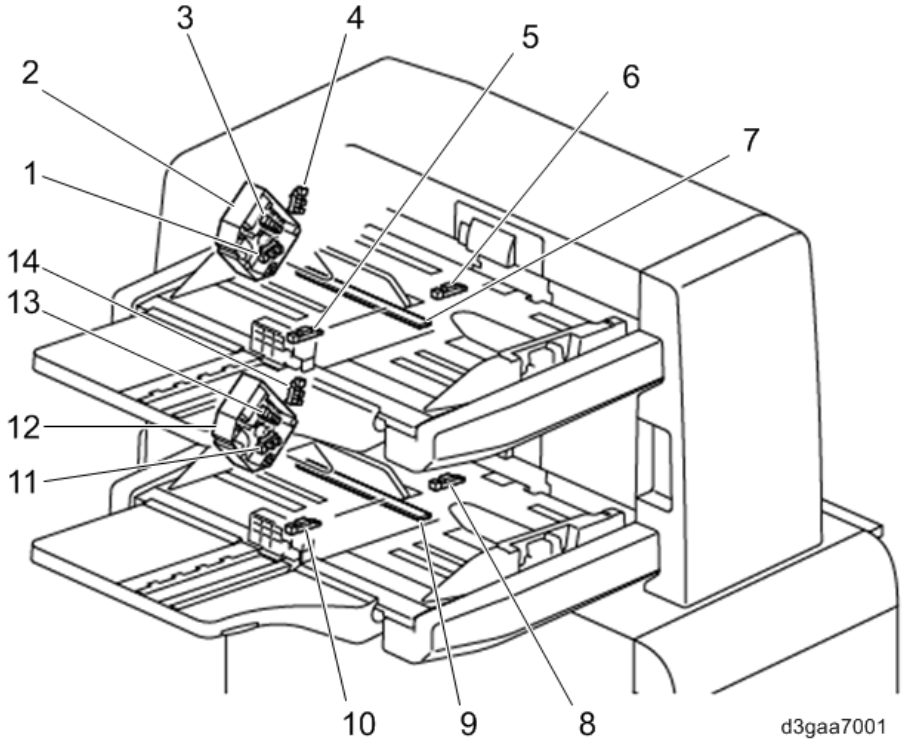
Table of Contents

1. Overview and Configuration

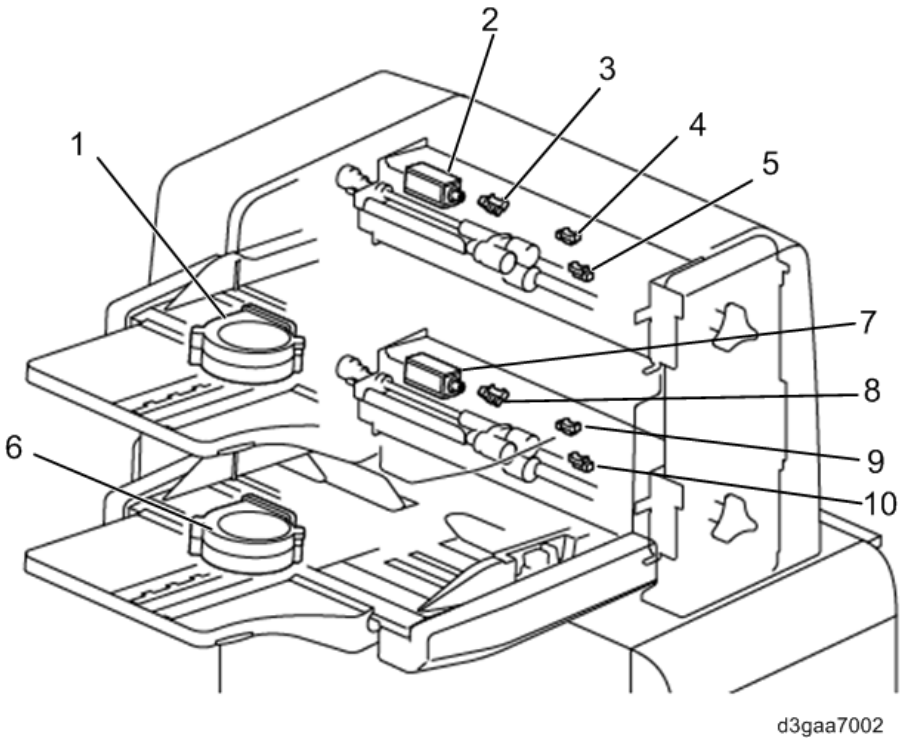
Basic Specifications

Items	Specification	Notes
Peripherals on which this cover interposer tray can be installed	Booklet Finisher SR5120 Finisher SR5110 Multi-Folding Unit FD5020	
Type	Inserter	
Separation Method	FRR separation and air assist	
Transport Method	Roller Transport	
Paper Size	A5/HLT - 13" (330.2mm) x 19.2" (487.7mm)	
Paper Thickness	Standard Paper: 52.3 to 350g/m^2 Coated Paper: 105.1 to 350g/m^2 If paper thickness is 300.1 to 350g/m^2, the paper brand of SP-C is designated.	
Acceptable Curl Amount	H: within±15 mm, R: 40 or more	
Paper Capacity	220 sheets (paper pressure: 0.1 mm) x 2 trays	
Paper Detection	Available	
Power Source	Direct current+5V Direct current+24V	Each power sorce is provided from the main machine.
Power Consumption	95W or less	
Dimensions (W×D×H)	740×730×1,350 mm	
Weight	60kg or less	

Electrical Component Layout

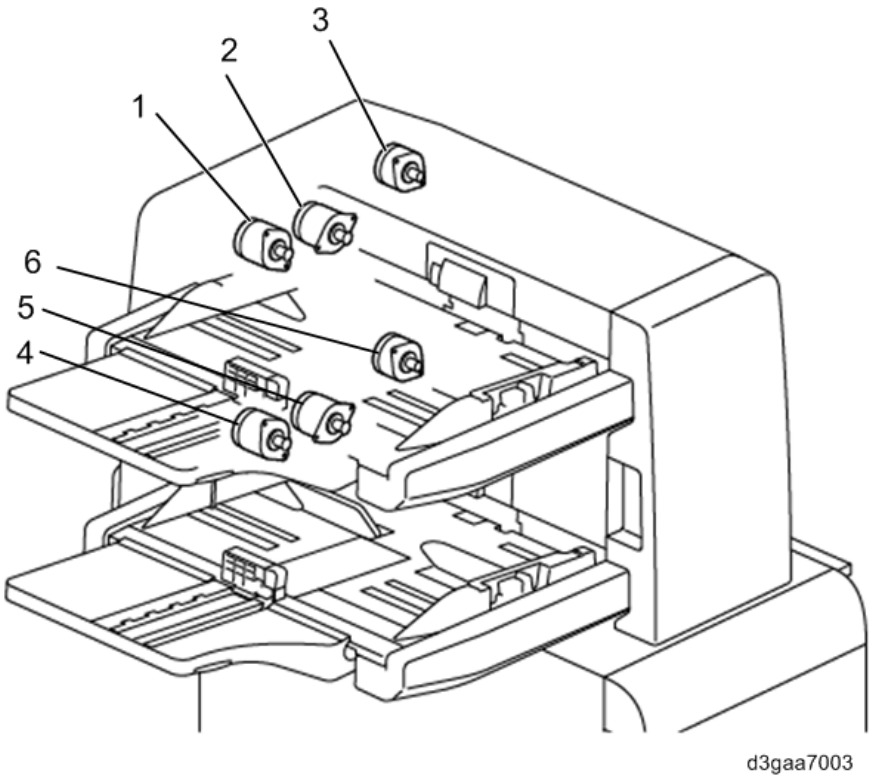


No.	Name	No.	Name
1	1st Paper Near End Sensor 2	8	2nd Paper End Sensor
2	1st Lift Motor	9	2nd Paper Width Sensor
3	1st Paper Near End Sensor 1	10	2nd Paper Length Sensor
4	1st Lower Limit Sensor	11	2nd Paper Near End Sensor 2
5	1st Paper Length Sensor	12	2nd Lift Motor
6	1st Paper End Sensor	13	2nd Paper Near End Sensor 1
7	1st Paper Width Sensor	14	2nd Lower Limit Sensor

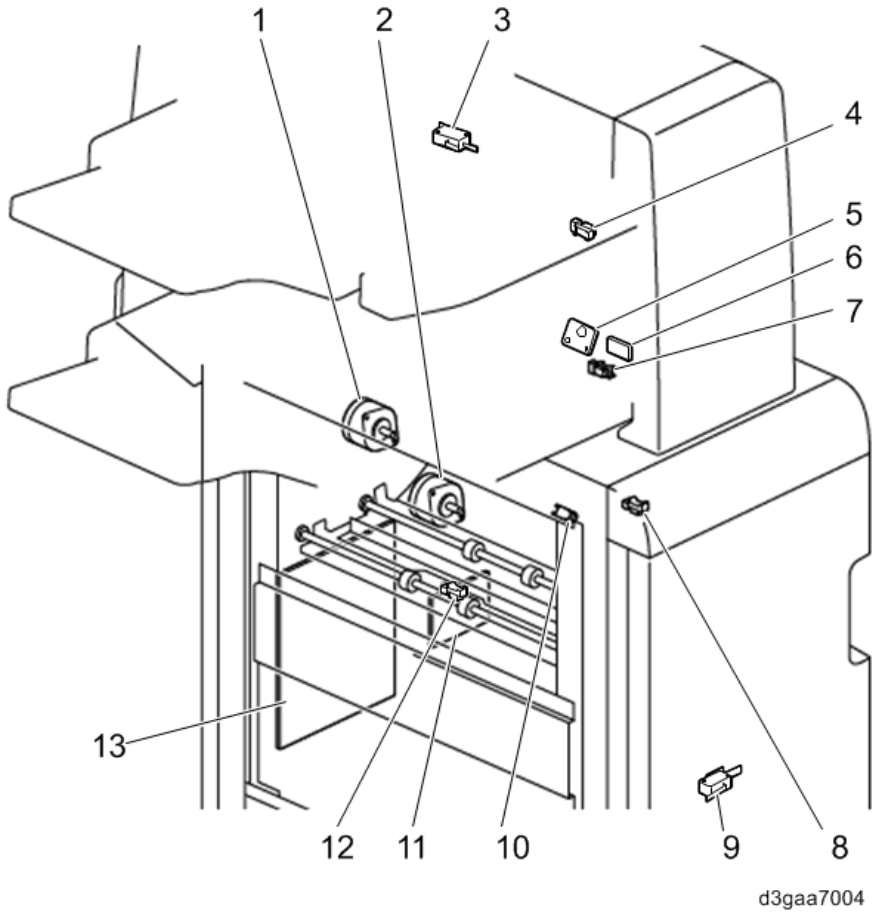


No.	Name	No.	Name
1	1st Blower Fan	6	2nd Blower Fan
2	1st Pickup Solenoid	7	2nd Pickup Solenoid
3	1st Upper Limit Sensor	8	2nd Upper Limit Sensor
4	1st Transport Sensor	9	2nd Transport Sensor
5	1st Paper Feed Sensor	10	2nd Paper Feed Sensor

Driving Layout

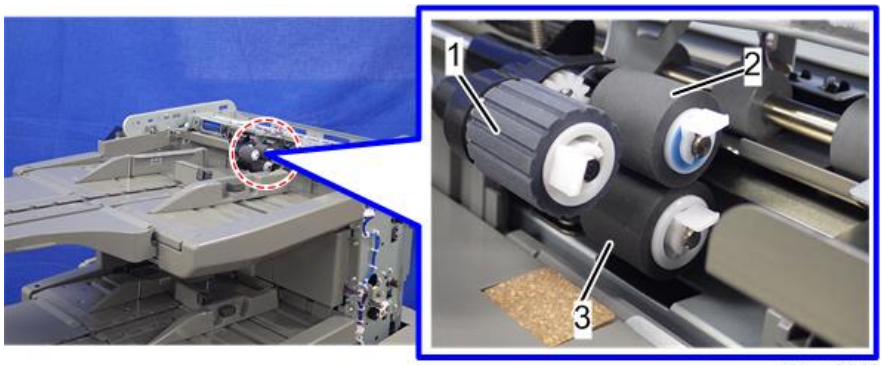


No.	Name	No.	Name
1	1st Paper Feed Motor	4	2nd Paper Feed Motor
2	1st Transport Motor	5	2nd Transport Motor
3	1st Vertical Transport Motor	6	2nd Vertical Transport Motor



No.	Name	No.	Name
1	3rd Vertical Transport Motor	8	Entrance Sensor
2	Horizontal Transport Motor	9	Front Door Open Switch
3	Vertical Transport Cover Switch	10	3rd Vertical Transport Sensor
4	1st Vertical Transport Sensor	11	URB (Double Feed Detect) (option)
5	Double Feed Detect Sensor (Transmitting) (option)	12	Exit Sensor
6	Double Feed Detect Sensor (Receiving) (option)	13	Main Controller Board
7	2nd Vertical Transport Sensor	-	-

Rollers



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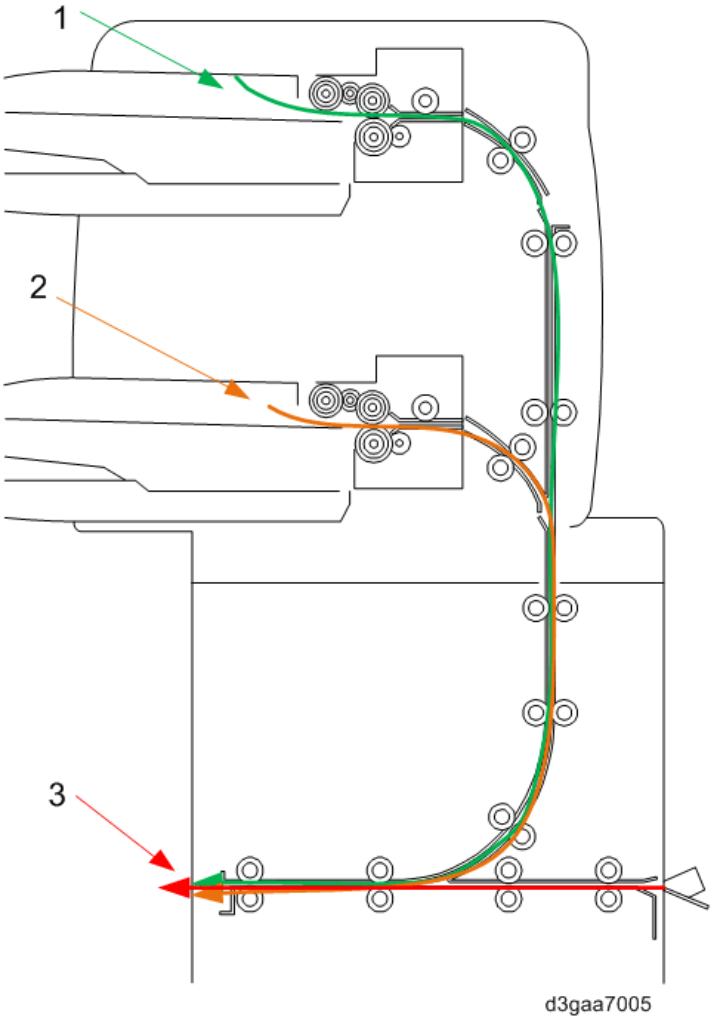
No.	Name
1	Pick up roller
2	Feed roller
3	Reverse roller

Paper Paths



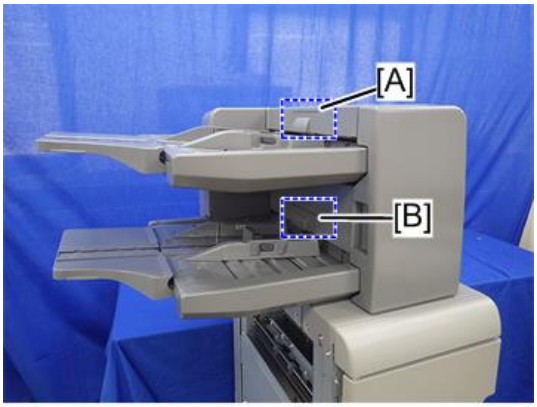
No.	Transport Path
1	1st Paper Feed Transport Path
2	2nd Paper Feed Transport Path
3	Relay Transport Path

2. Replacement and Adjustment

Pick-Up Roller, Feed Roller, and Reverse Roller

Note

- Both the 1st paper feed [A] and 2nd paper feed [B] rollers can be replaced with the same procedure.



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1. Remove the paper feed cover [A].

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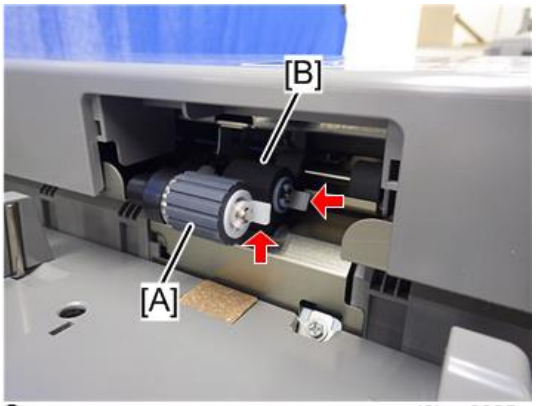
2. Remove the pick-up roller [A] and feed roller [B].



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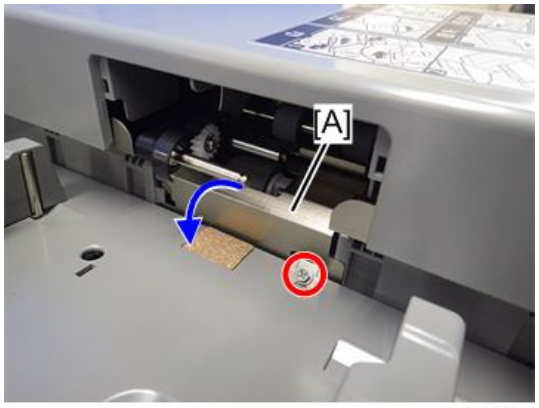
3. Remove the face plate [A].



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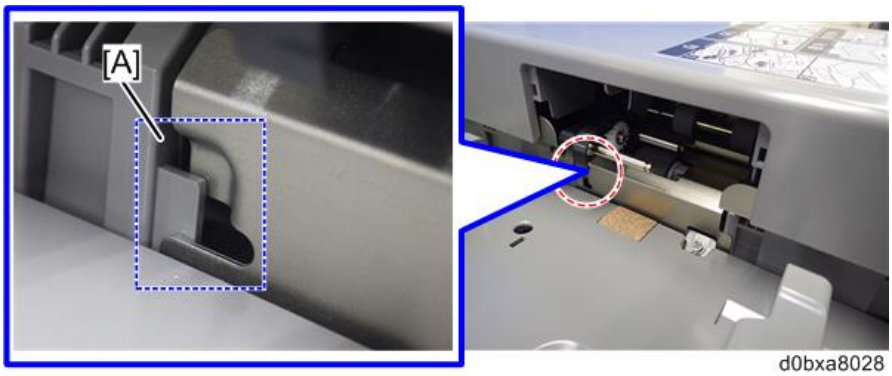
Note

- When attaching the face plate, make sure that the face plate is set as shown below in the picture [A].



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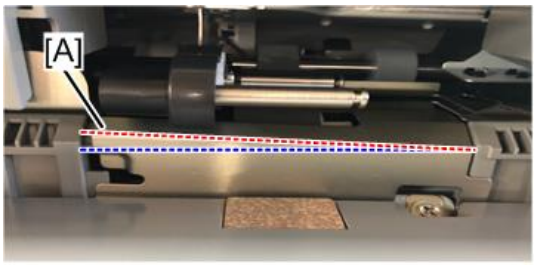
- Fix the face plate with a screw while holding it by hand and make it level. Do not make the face plate inclined as shown below in the picture [A].



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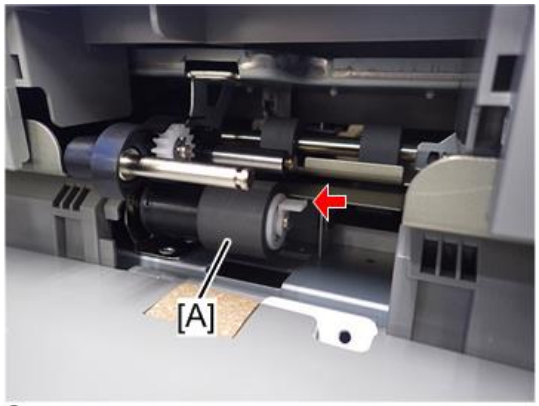
4. Remove the reverse roller [A].



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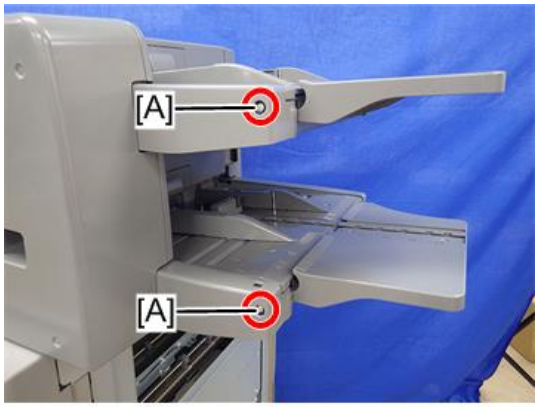
Horizontal Registration Adjustment for Tray

1. With the screws [A] at the rear of the tray, adjust the registration.

To shift the tray to the front side, turn the screws clockwise.

To shift the tray to the rear side, turn the screws counterclockwise.



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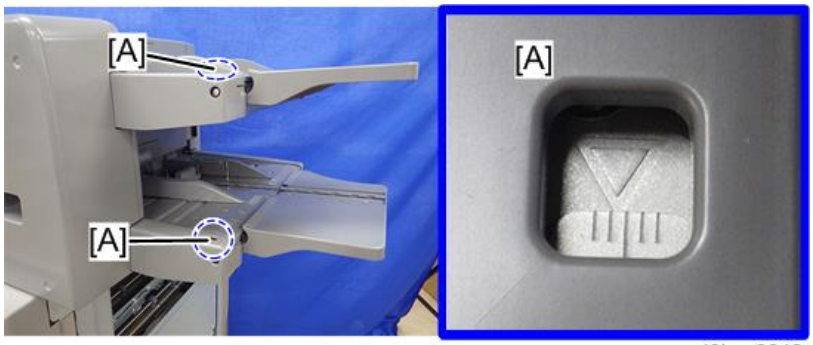
The tray moves 2 mm at a time.

You can check the moving distance using the scales [A] on the bracket of the tray rear cover section.



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