imageRUNNER ADVANCE DX C5870i / C5860i C5850i / C5840i

INSTALLATION MANUAL

Canon

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Rev. 6

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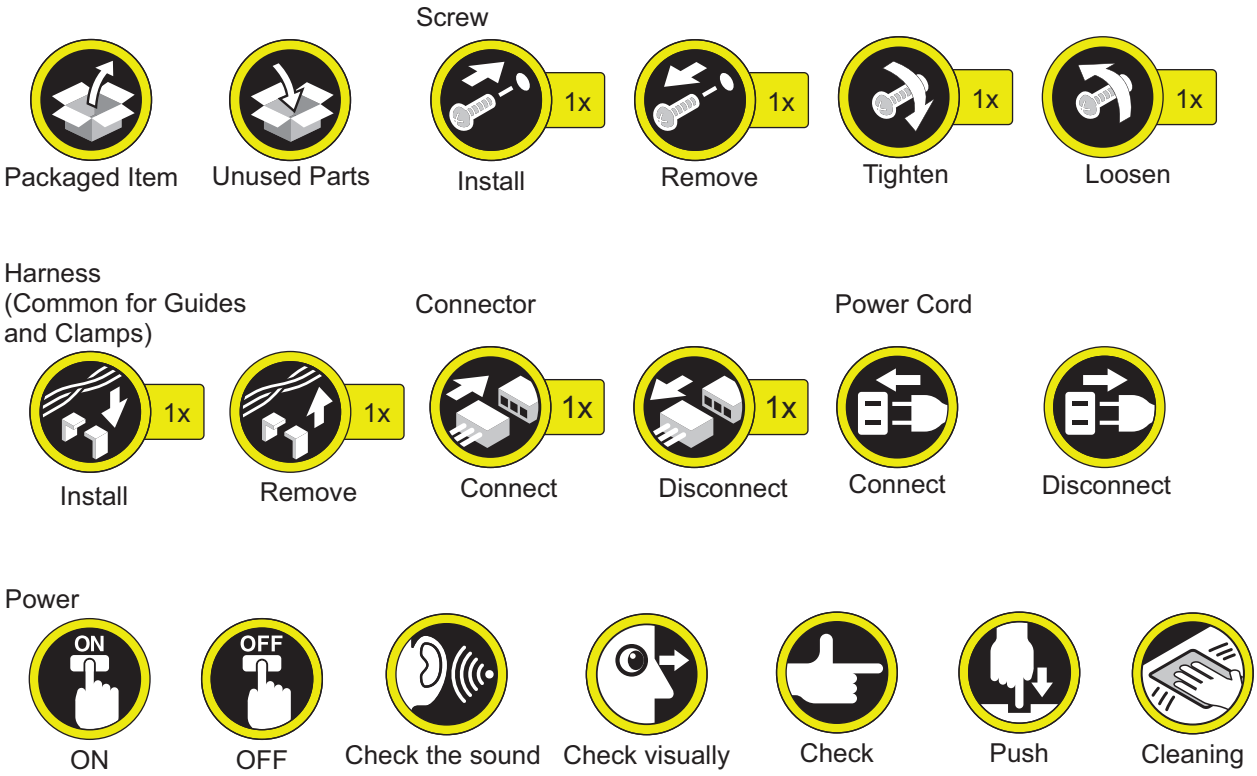
Symbols

The frequently-performed operations are described with symbols in this procedure.



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Toner Safety

About Toner

Toner is a nontoxic matter composed of plastic, iron and a trace of pigments.

⚠ CAUTION:
Never throw toner in flames to avoid explosion.

Handling Adhered Toner

- Use dry tissue paper to wipe off toner adhered to skin or clothes and wash in water.
- Never use warm water for cleaning up toner to prevent toner particles from being gelated to soak into fibers permanently.
- Toner particles are reactive with vinyl polymers. Avoid contacting these materials.

Points to Note at Installation

Checking the Installation Environment

1. The environment of the installation site must be in the range as shown below. Avoid installation near the faucet, water boiler, humidifier or refrigerator.
   Guaranteed range for operation/image Temperature: 10.0 to 30.0 deg C, Humidity: 20 to 80%
2. The machine must not be installed near a source of fire or in an area subject to dust or ammonium gas.
   If the area is exposed to direct rays of the sun, provide curtains to the window.
3. Be sure to provide adequate ventilation of the room to keep the work environment comfortable. Room odor can be bothering when running the machine for a long time in a poorly-ventilated room although the ozone amount generated while running this equipment does not harm human health.

Points to Note Before Servicing

- At servicing, be sure to turn OFF the power source according to the specified steps and disconnect the power plug.
- Be sure to disconnect the power plug on a regular basis and remove dust and dirt accumulated around the outlet with dry cloth.

⚠ CAUTION:
Leaving the power plug connected for a long time in an environment having a lot of dust, moisture, or oily smoke will cause a fire. (Because dust accumulated in the surrounding area will absorb moisture and cause an insulation failure)

- Be careful not to be injured by burrs of edges, sharp corners or protrusions.

⚠ CAUTION:
Hazardous area such as corners, edges, springs and other sharp sections may be remaining on products. Always be aware of the presence of hazardous area to avoid injury caused by contacting and/or striking those area, by not over-concentrating on service work.

Essential Items to Be Performed Before Installation

- Turn OFF the main power of the host machine, and disconnect the power plug from the outlet.

> **⚠ WARNING:**
> - If performing work without disconnecting the power plug of the host machine, it may cause electrical shock.
> - If disconnecting the power plug without turning OFF the main power, it may cause damage of the machine.

- When turning OFF the main power, follow the below procedure.
  1. Turn OFF the main power switch of the host machine.
  2. The display in the Control Panel and the lamp of the main power are turned off.

Points to Note when turning ON/OFF the main power

The following message is displayed.

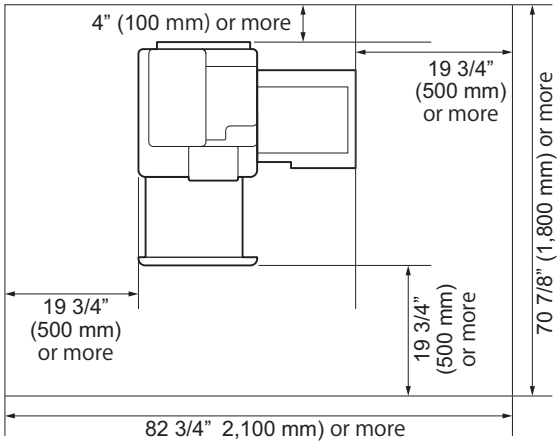
1. When a message prompting to turn OFF and then ON the main power appears, turn OFF and then ON the main power switch.
2. If a message prompting the user to update the version appears, press [Update] to automatically update the version of this equipment.
   If [Skip] is selected, a message prompting the user to update the version will appear every time the host machine is started.
   In the service mode (Lv.2) shown below, it is possible to set not to display the message.
   COPIER > OPTION > FNC-SW > VER-CHNG

Checking Installation Space

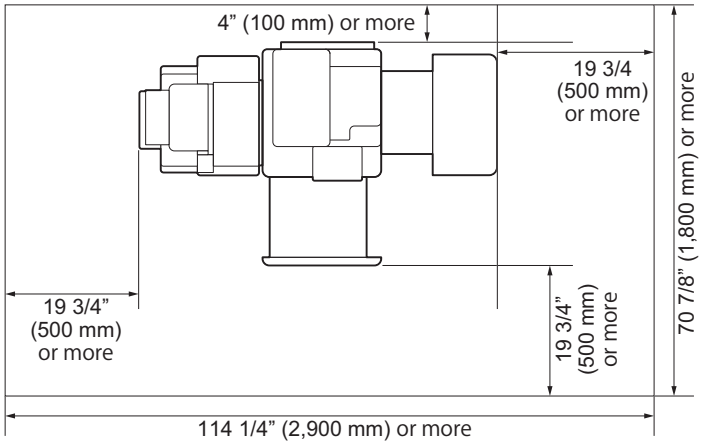
CAUTION:

- Be sure that the feet of the machine are properly set. In addition, be sure to keep the machine horizontal.
- Be sure to keep 100 mm or more distance from the wall to make enough room for performing the operation.
- Install the machine in a well-ventilated location.In a location with a mixture of multiple host machines, be sure to install the machine where the air exhausted from other machines will not directly enter the machine.
- Also, do not install the host machine near an inlet for ventilating the room.

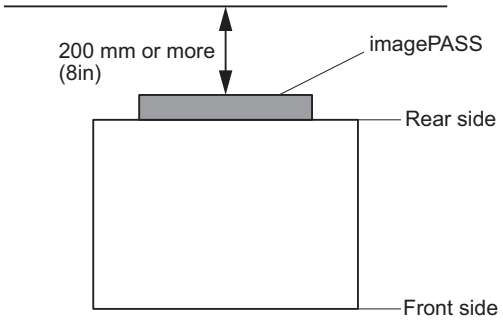
- When option is not installed



- When the Booklet Finisher-AB1 + Paper Deck Unit-F1 is installed



- imagePASS-R1 is installed
  The space of 200 mm or more from the back of the imagePASS is necessary.



illustrations

Although pictures or illustrations used for explanationmay differ from the actual things, the procedure is the same.

1 Product Lineup

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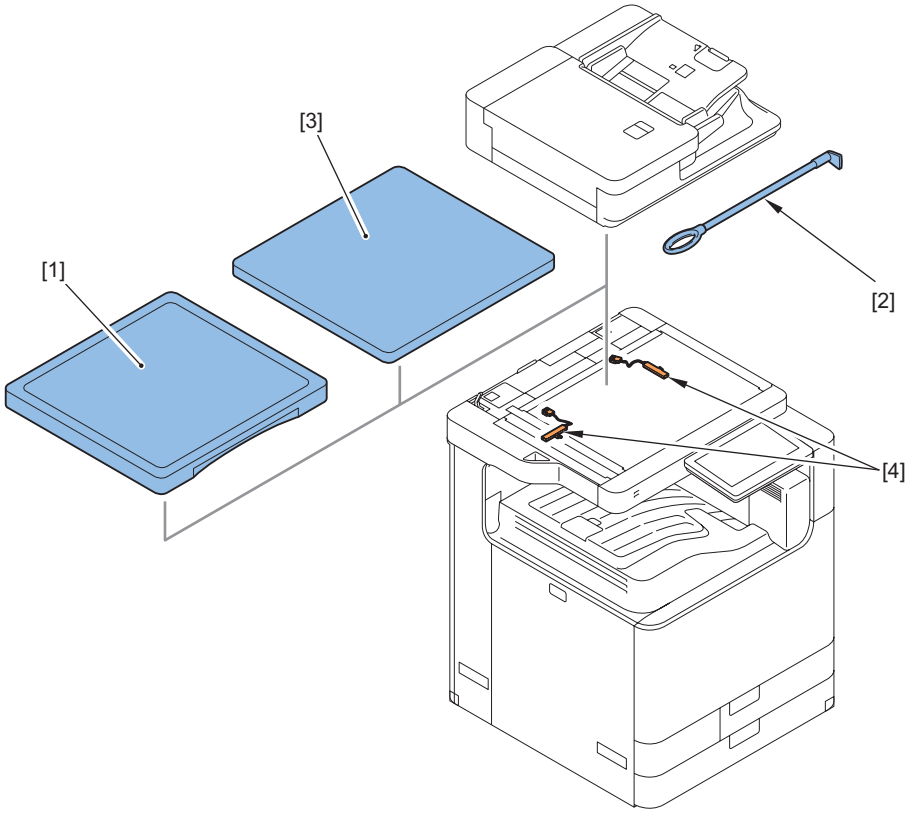
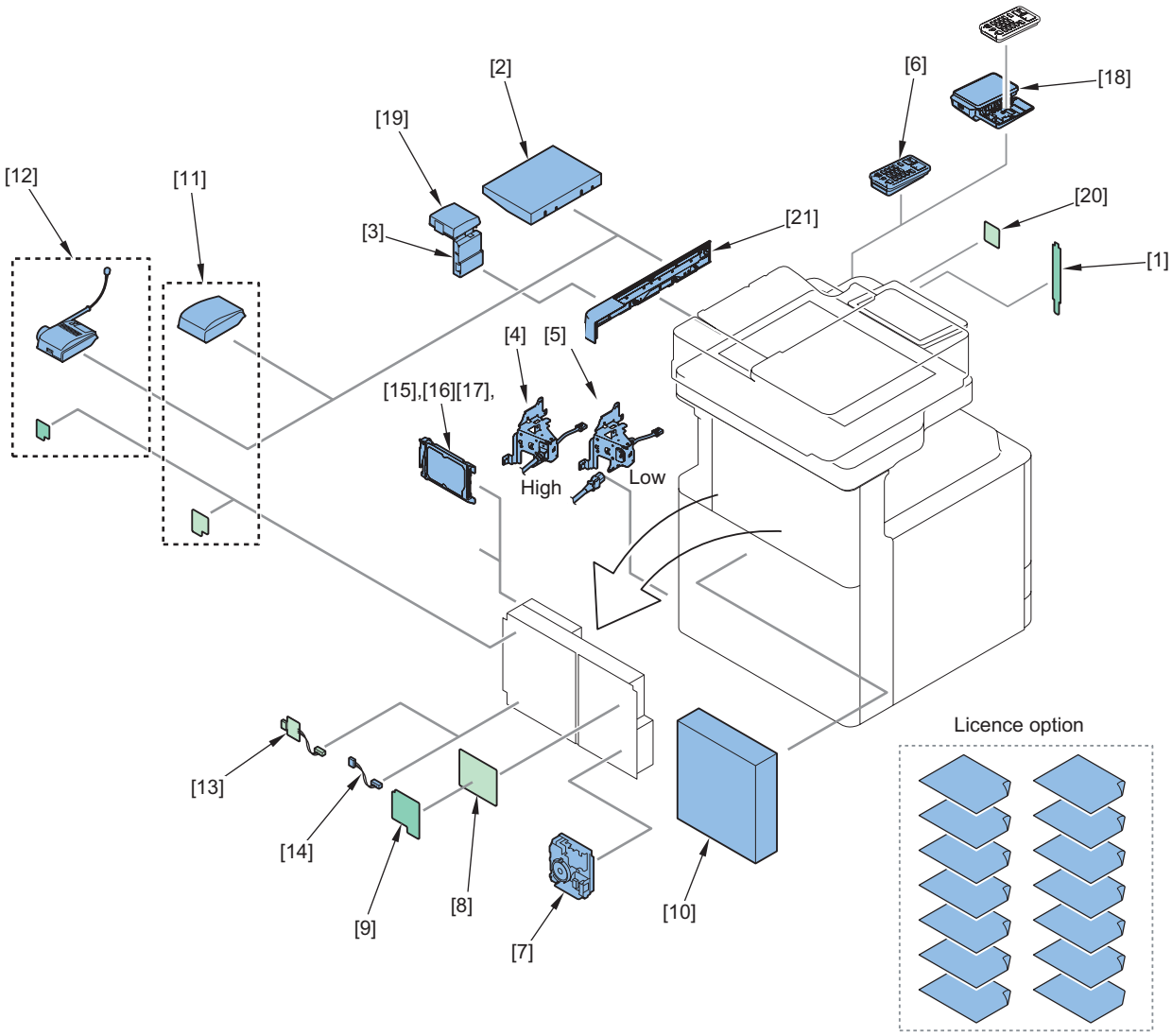
Image Reading System Options



No.	Product name	Condition
1	“Platen Cover-Y3” on page 101	Cannot be installed with the DADF. Cannot be installed with Printer Cover-M2.
2	ADF Access Handle-A1	
3	“Printer Cover-M2 ” on page 109	Cannot be installed with the DADF. Cannot be installed with Platen Cover-Y3
4	“Reader Heater Unit-Q1” on page 116	

Host Machine Options



No.	Product name	Condition
1	“NFC Kit-E2” on page 133	
2	“Utility Tray-B1/Option Attachment kit for Reader-A2” on page 147	Memory Mirroring Kit-A1 is required. Cannot be installed with Voice Guidance Kit-G1. Cannot be installed with Voice Operation Kit-D1.
3	“Copy Card Reader-F1/Copy Card Reader Attachment-B7” on page 155	It is required when installing Copy Card Reader-F1.
4	“Power Supply Kit W1” on page 170	
5	“Power Supply Kit W1” on page 170	
6	“Numeric Keypad-A2” on page 183	Card Reader (sales company's option) is required.
7	“Super G3 FAX Board-AX1” on page 193	
8	“Super G3 2nd Line Fax Board-AX1” on page 202	Super G3 FAX Board-AX1 is required.
9	“Super G3 3rd/4th Line Fax Board-AX1” on page 214	Super G3 FAX Board-AX1 is required. Super G3 2nd Line Fax Board-AX1 is required.
10	“imagePASS-R1” on page 223	
11	“Voice Guidance Kit-G1/Option Attachment kit for Reader-A2” on page 239	Cannot be installed with Utility Tray-B1. Cannot be installed with Voice Operation Kit-D1.
12	“ Voice Operation Kit-D1/Option Attachment kit for Reader-A2” on page 251	Cannot be installed with Utility Tray-B1. Cannot be installed with Voice Guidance Kit-G1.
13	“Serial Interface Kit-K3, Copy Control Interface Kit-A1” on page 263	Cannot be installed with Copy Card Reader-F1. Cannot be installed with Copy Control Interface Kit-A1.

No.	Product name	Condition
14	“Serial Interface Kit-K3, Copy Control Interface Kit-A1” on page 263	Cannot be installed with Copy Card Reader-F1. Cannot be installed with Serial Interface Kit-K3.
15	“SSD-related Option” on page 270	It is required when using the mirroring function with Memory Mirroring Kit-A1.
16	“SSD-related Option” on page 270	It is required when using the mirroring function with Memory Mirroring Kit-A1.
17	“SSD-related Option” on page 270	When executing the mirroring function, either 250GB SSD-A1 or 1TB SSD-A1 is required.
18	“IC Card Reader Box for Numeric Keypad-A1/Numeric Keypad-A2” on page 290	Card Reader (sales company's option) is required.
19	“Copy Card Reader-F1/Copy Card Reader Attachment-B7” on page 155	Memory Mirroring Kit-A1/Copy Card Reader Attachment-B5 is required. Cannot be installed with Serial Interface Kit-K3. Cannot be installed with Copy Control Interface Kit-A1.
20	“Connection Kit-A3 for Bluetooth LE” on page 305	
21	Option Attachment kit for Reader-A2	It is required when installing Utility Tray-B1/Copy Card Reader-F1/Voice Operation Kit-D1/Voice OVoice Guidance Kit-G1.

License Products

At the time of installation, obtain the license number according to the license certificate included. Then, enter the obtained license number from the Control Panel of the machine. The applicable functions are enabled.
There is no physically required installation.

No.	Product name	Condition
	Remote Fax Kit-A1	
	IP FAX Expansion Kit-B1	
	PCL Asian Font Set-A1	
	PCL Printer Kit-CN2	
	PCL International Font Set-A1	
	PS Printer Kit-BE1	
	PS Printer Kit-CN2	
	Barcode Printing Kit-D1	
	Picture Login-A1	
	Protection Profile for Hardcopy Devices	“Protection Profile for Hardcopy Devices Adaptive Installation Procedure” on page 315

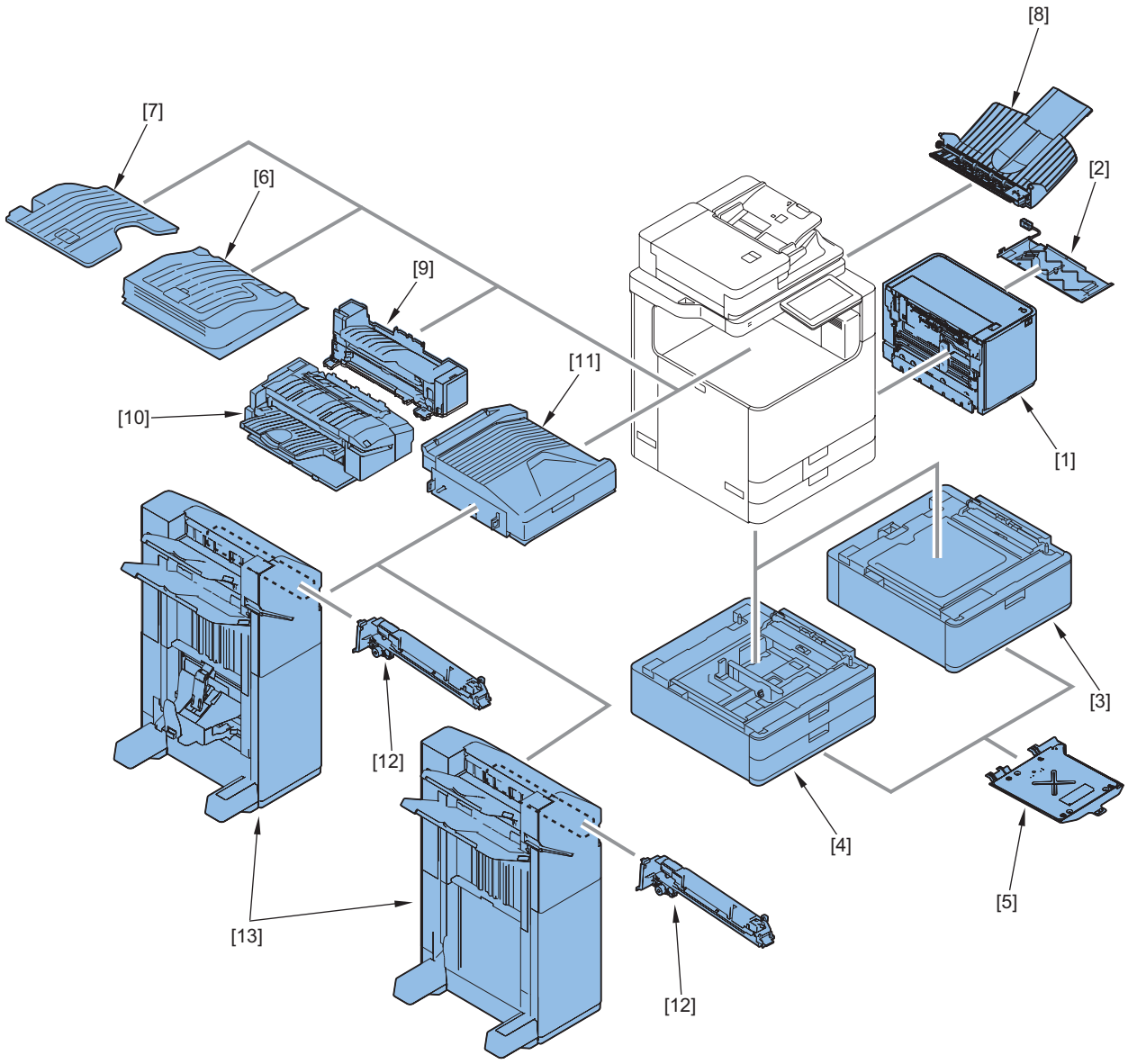
Combination Table of Accessory Installation

NOTE:
- The following table shows the combination of options installed of the host machine. Before installing the following options, refer to the table to check the combination of options.
- When using options and the Copy Card Reader together, install the Copy Card Reader first.

	Copy Card Reader	Voice Operation Kit	Voice Guidance Kit	Utility Tray	Serial Interface Kit	Copy Control Interface Kit
Copy Card Reader	-	Yes	Yes	Yes	No	No
Voice Operation Kit	Yes	-	No	No	Yes	Yes
Voice Guidance Kit	Yes	No	-	No	Yes	Yes
Utility Tray	Yes	No	No	-	Yes	Yes
Serial Interface Kit	No	Yes	Yes	No	-	No
Copy Control Interface Kit	No	Yes	Yes	No	No	-

Yes: installation is available No: installation is not available

Paper Feed / Paper Output Options



Pickup System Options

No.	Product name	Condition
1	“Paper Deck Unit-F1” on page 386	
2	“Paper Deck Heater Unit-C1” on page 413	
3	“High Capacity Cassette Feeding Unit-C1” on page 25	
4	“Cassette Feeding Unit-AQ1” on page 16	
5	“Cassette Heater Unit-42” on page 365	

Delivery System Options

No.	Product name	Condition
6	“1st Copy Tray Kit-A1” on page 435	
7	“Inner 2way Tray-M1” on page 438	
8	“3rd Copy Tray Kit-A1” on page 443	
9	“Inner 2/3 2/4 4 Hole Puncher-D1” on page 523	
10	“Inner Finisher-L1” on page 508	70ppm: Not Applicable
11	“Buffer Pass Unit-P1” on page 496	
12	“2/3 2/4 4 Hole Puncher Unit-A1” on page 471	

No.	Product name	Condition
13	“Staple Finisher-AB1/ Booklet Finisher-AB1” on page 447	

Host Machine

Host machine..... 13

Host machine

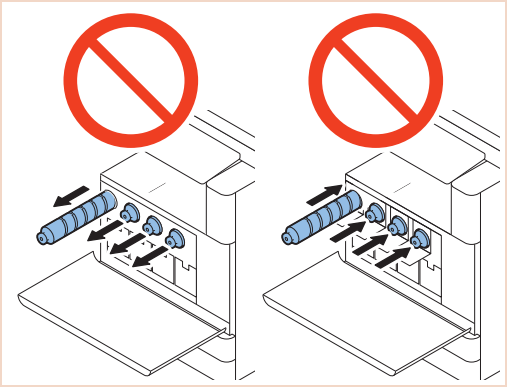
Checking before Installation

Following shows requirements for the installation site.
Therefore, it is desirable to see the installation site in advance before bringing in the machine to the user's site.

■ Points to Note at Installation

CAUTION:
Points to Note at Installation of the Toner Cartridges:

- Do not remove or insert the toner bottle until the developer assembly is fully initialized. If not, fogging, scattering and spot may occur.
- Toner Tape is sealed 40ppm model only.
- When the developing assembly is fully initialized, the setting instruction of the toner cartridge is displayed on the UI.



■ Checking Power Supply

1. **Be sure to connect the power plug exclusively to an outlet that compiles with the following.**
   - USA:
     - 110-127 V +/-10%, 60Hz, 12A (10A/40ppm model only)
   - EUR/ASIA/OCE/KOREA:
     - 220-240V +/-10%, 50/60Hz, 10A (6A/40ppm model only)
   - TW:
     - 110-127V +/-10%, 60Hz, 15A (10A/40ppm model only)
   - CN:
     - 220V +/-10%, 50/60Hz, 10.0A (6A/40ppm model only)
2. **Be sure to install this machine near an outlet so that the power plug can be disconnected right away in case of emergency, and do not put anything around the power plug.**

■ Points to Note before Installation

When installing this equipment, note the following points.

1. **When the machine is moved from a cold location to a warm location condensation may occur, resulting in water drops on the metal surfaces. Use of the host machine when there is condensation may result in image failure. After moving the machine from a cold location to a warm location, leave it unpacked for at least 2 hours or more to let it warm up to room temperature before installation.**
2. **The host machine weighs maximum 106 Kg. It is recommended to lift it with 4 people or more. However, if there is a standard to handle a heavy load in each sales company, follow it for operation. Also, make sure to lift the machine with keeping it level at operation.**

■ Points to Note When Moving This Host Machine

- When moving this host machine after having unpacked it, be careful by placing a plate, etc. on areas with steps to prevent the casters from hitting those steps.
  If the casters hit a step, the casters or the base plate may be deformed.
- Keep the fixation members and screws that were removed during unpacking or installation as they may be used to transport the machine for relocation or repair.

Installation of the Host Machine

■ Unpacking

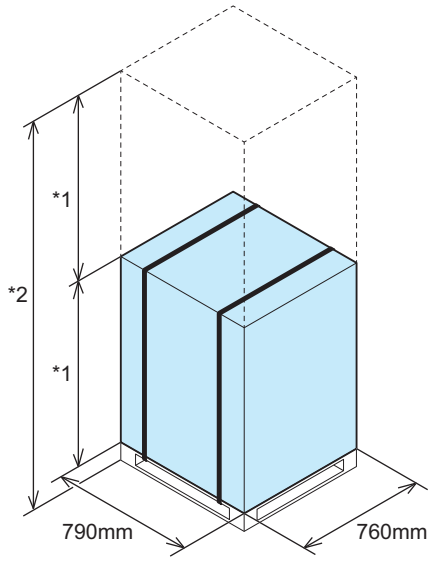
NOTE:
Although pictures or illustrations used for explanation may differ from the actual things, the procedure is the same.

☐

1. Unpack the host machine.

NOTE:
Installation Space
- When unpacking in the room, the following space is required to remove the packaging box.
- The dimensions shown in the figure below are the minimum space required.

Configuration of the host machine	Height of body *1	Height necessary for work *2
Reader & ADF	1,061 mm or more	2,254 mm or more



☐

2. Remove the Contents and the packaging box.

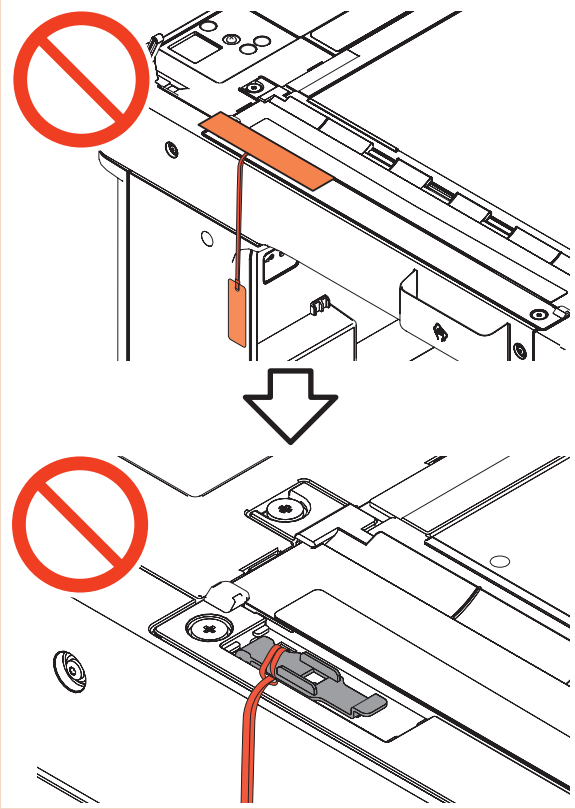
☐

3. **Remove the tapes from the interior of the host machine.**

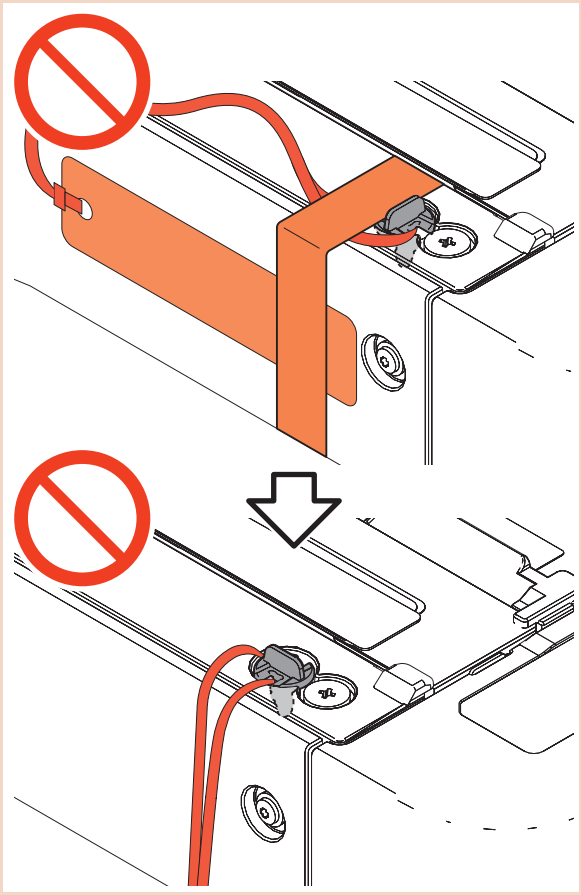
CAUTION:

- Be sure not to remove the Scanner System Fixation Member before "“ Installing the Scanner” on page 34".

<The Left Rear Side>



<The Left Front Side>



■ Cassette Pedestal

<When installing the Cassette Pedestal at the same time>

- “Cassette Feeding Unit-AQ1” on page 16
- “High Capacity Cassette Feeding Unit-C1” on page 25

<When installing only the Host Machine>

1. Holding the 4 handles, lift the host machine down from the pallet.

⚠ CAUTION:

- The maximum weight of the machine is approx. 106kg. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- Be sure to keep the machine leveled when lifting it.

2. “Checking the Contents” on page 33

● Cassette Feeding Unit-AQ1

Unpacking

☐

1. Unpack this equipment.

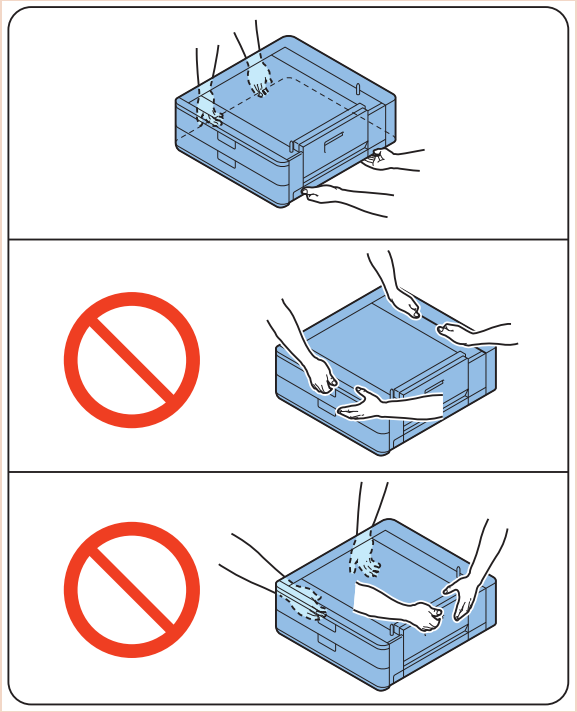
NOTE:
Remove the packing materials.

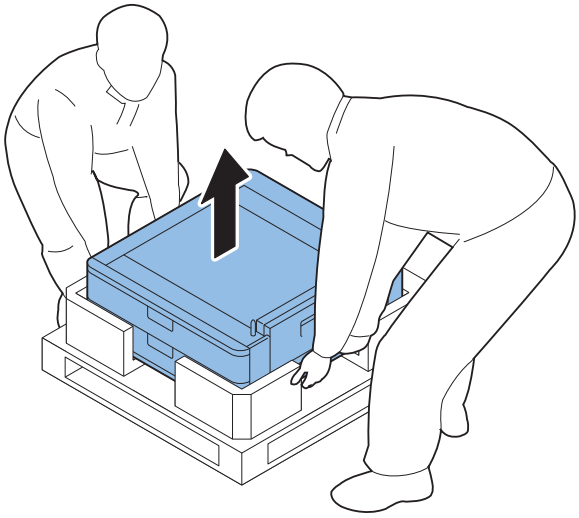
□

2.

⚠ CAUTION:

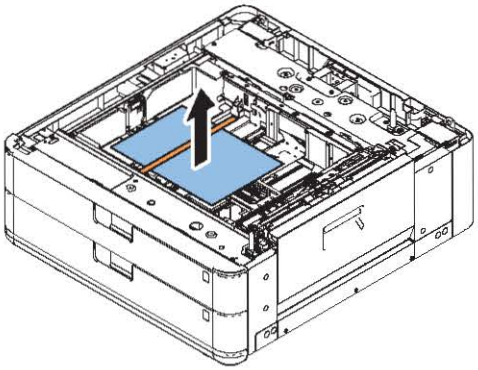
- When lifting this equipment, be sure to firmly grip the bottom of both sides (left and right).
- Holding the machine by any portion other than those indicated may result in injury or damage.





□

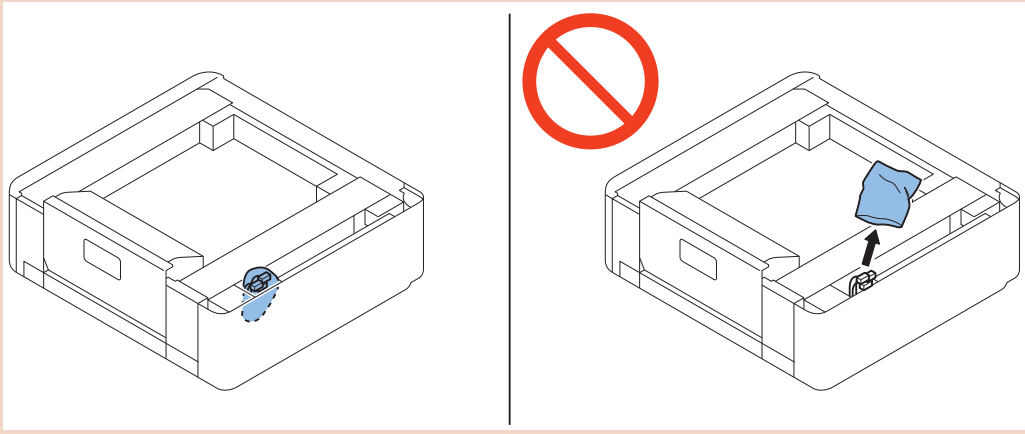
3.



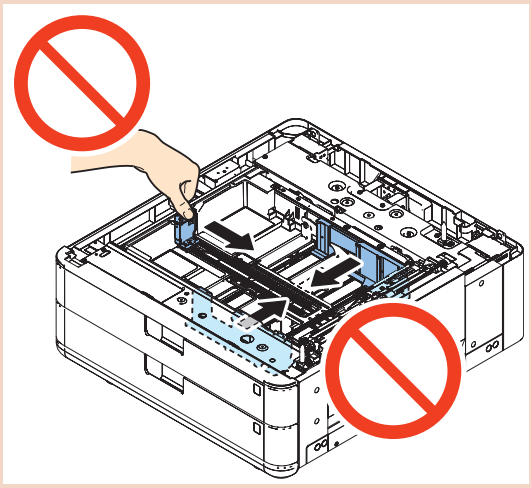
☐

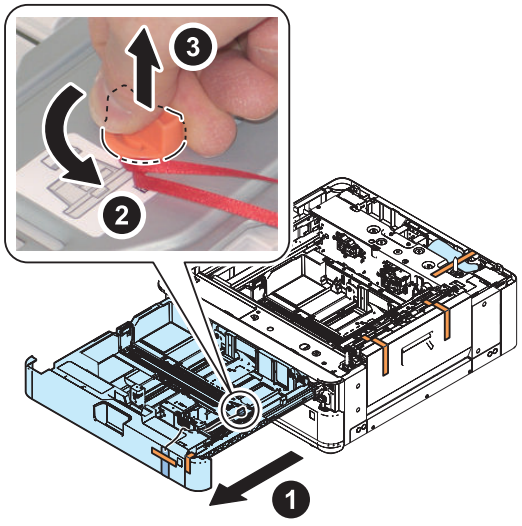
4. Remove all the tapes and packaging materials from the cassette 3 and the cassette 4.

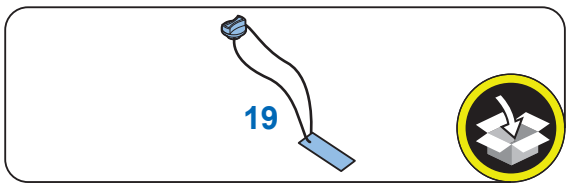
CAUTION:
Do not remove packaging for cables.



CAUTION:
Do not operate the Trail Edge Guide Plate/Side Guide Plate without pulling out the cassette. Otherwise, it may be damaged.



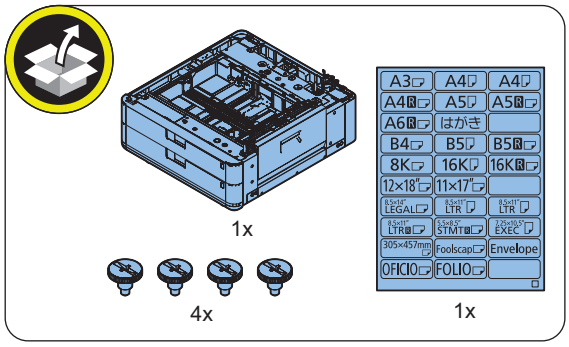




□

5. **Close the Cassette.**

Checking the Contents

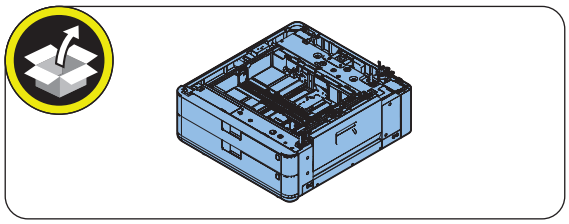


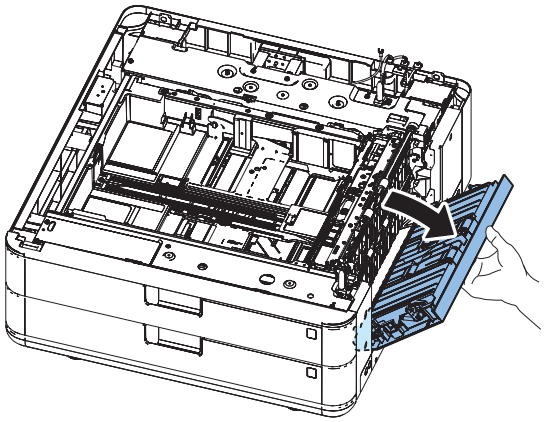
Installing the Cassette Feeding Unit

□

1.

CAUTION:
Be sure to open the Cassette Right Lower Cover when placing the Host Machine; otherwise, it may be damaged.

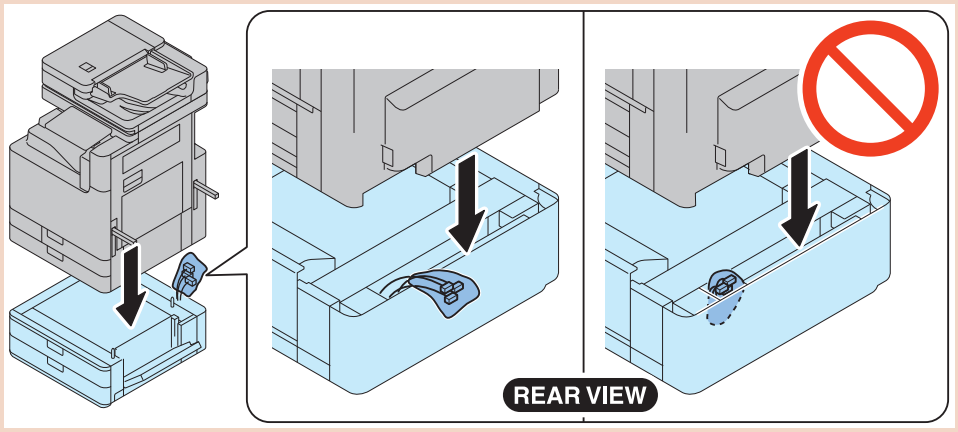




□

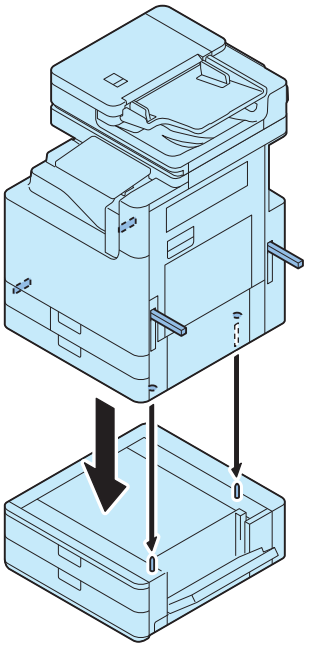
2.

CAUTION:
Do not install the Host Machine with the cable inside the cover.

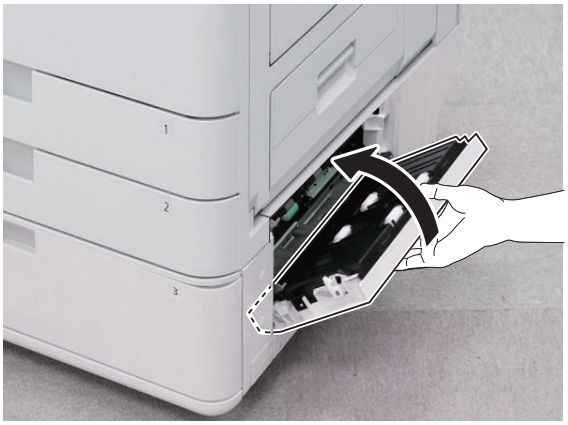


CAUTION:

- When mounting the host machine to the equipment, be sure to move the host machine parallel and fit the 2 Positioning Pins on top of the equipment into the holes on the Base Plate of the host machine.
- The host machine weighs maximum 106 kg. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- Be sure to keep the machine leveled when lifting it.

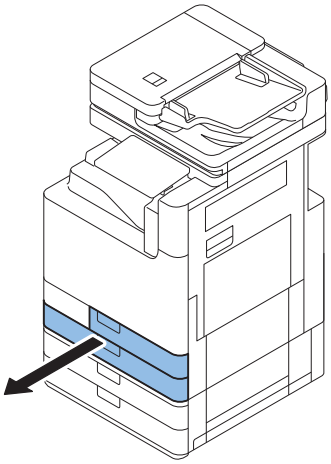


□
3.



□
4.

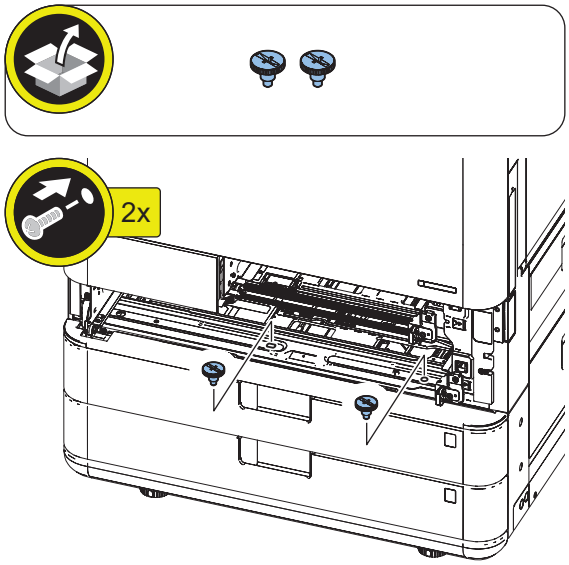
NOTE:
Remove the Cassettes.



□

5.

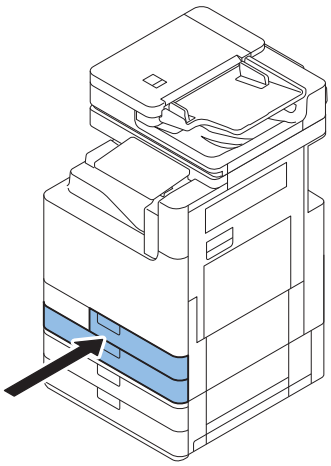
CAUTION:
- Securely tighten the coin screw with a stubby screwdriver or a coin.
- Do not drop the screw when fixing it on the rear side.



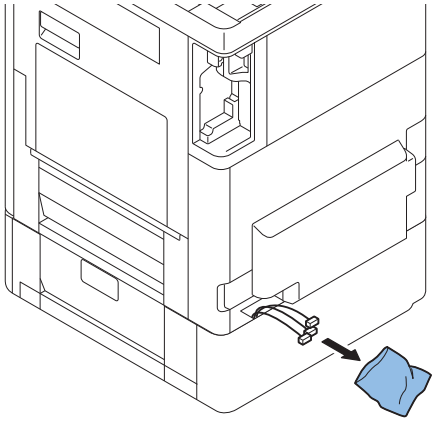
□

6.

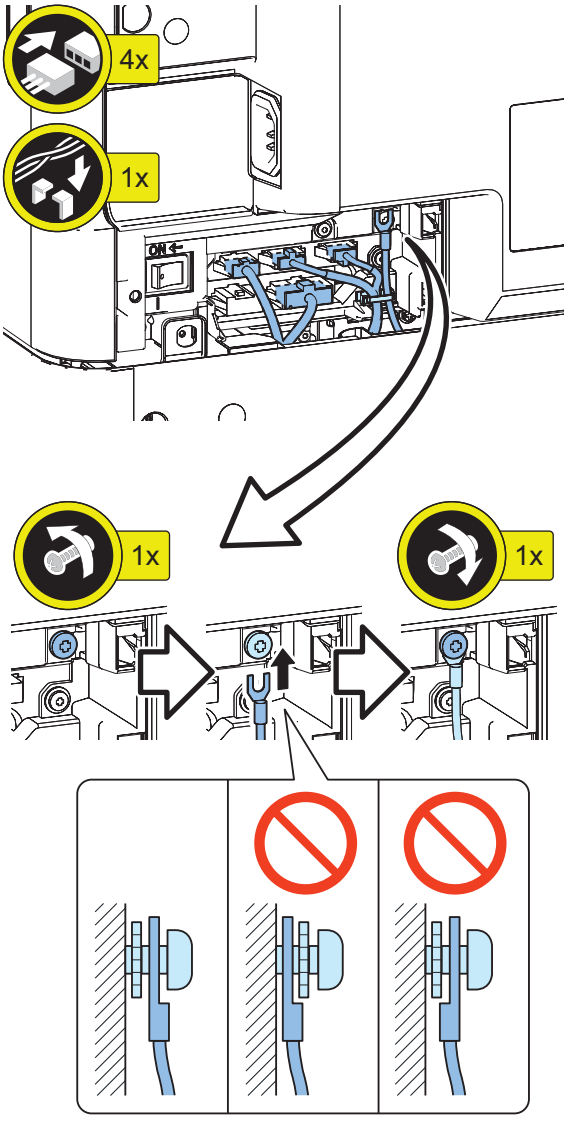
NOTE:
Store the Cassettes.



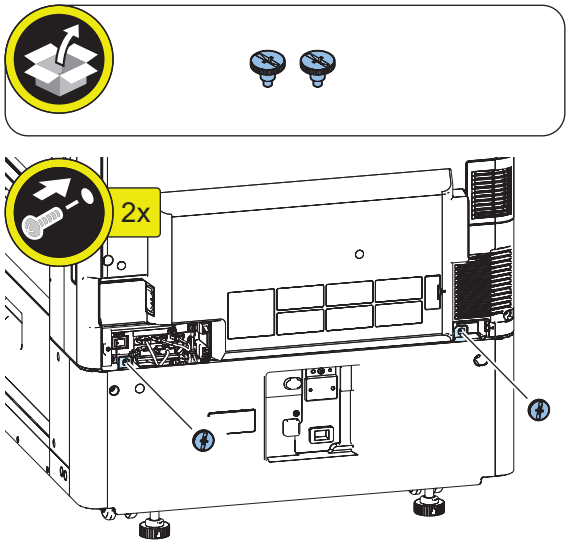
☐
7.



☐
8.



9.



• High Capacity Cassette Feeding Unit-C1

Unpacking

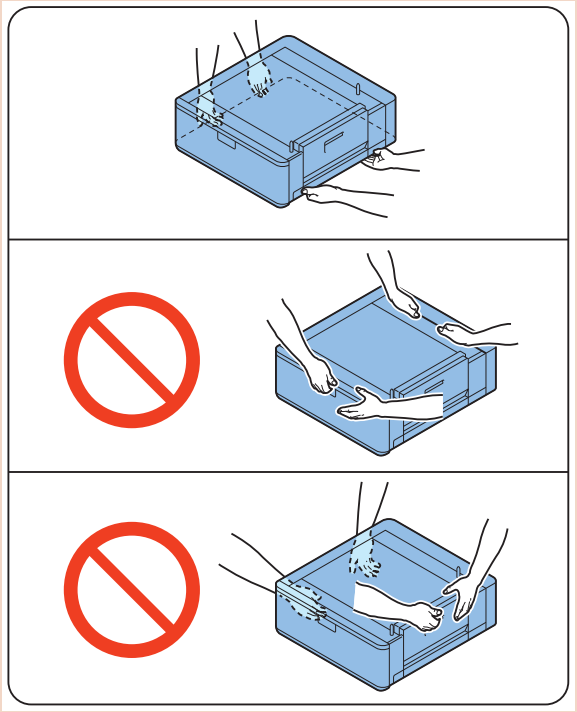
☐

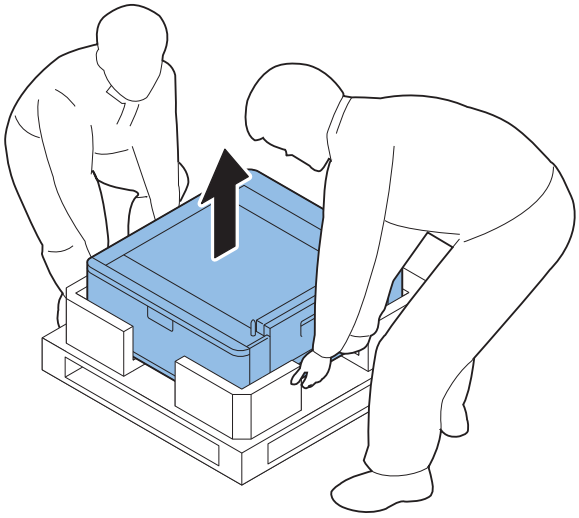
1. **Unpack this equipment.**

NOTE:
Remove the packing materials.

□
2.

⚠ CAUTION:
- When lifting this equipment, be sure to firmly grip the bottom of both sides (left and right).
- Holding the machine by any portion other than those indicated may result in injury or damage.

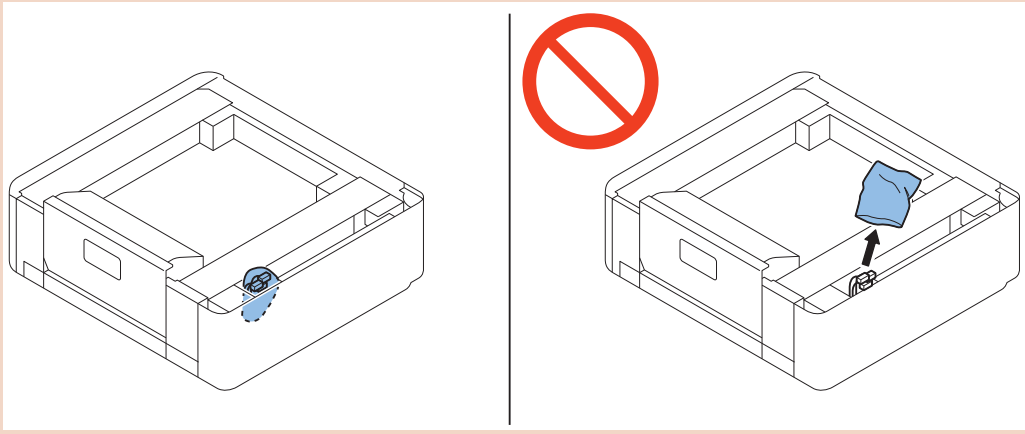


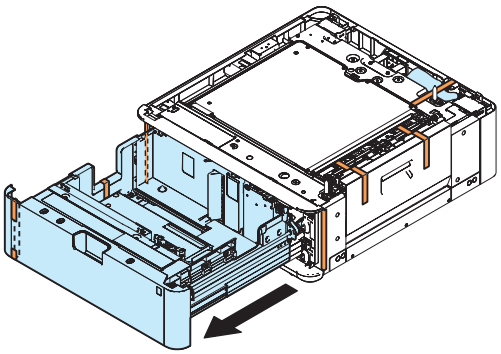


☐

3. **Remove all the tapes and packaging materials from the cassette.**

CAUTION:
Do not remove packaging for cables.

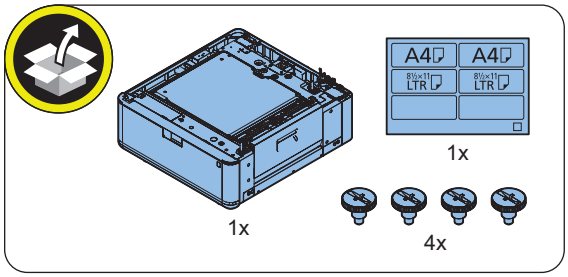




☐

4. **Close the Cassette.**

Checking the Contents

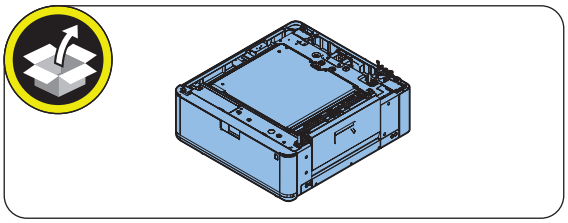


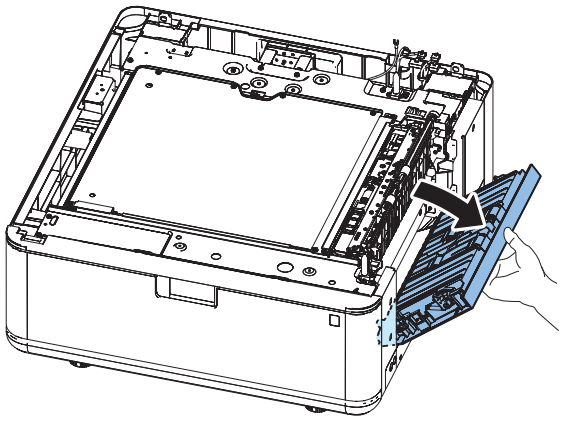
Installing the High Capacity Cassette Feeding Unit

□

1.

CAUTION:
Be sure to open the Cassette Right Lower Cover when placing the Host Machine; otherwise, it may be damaged.

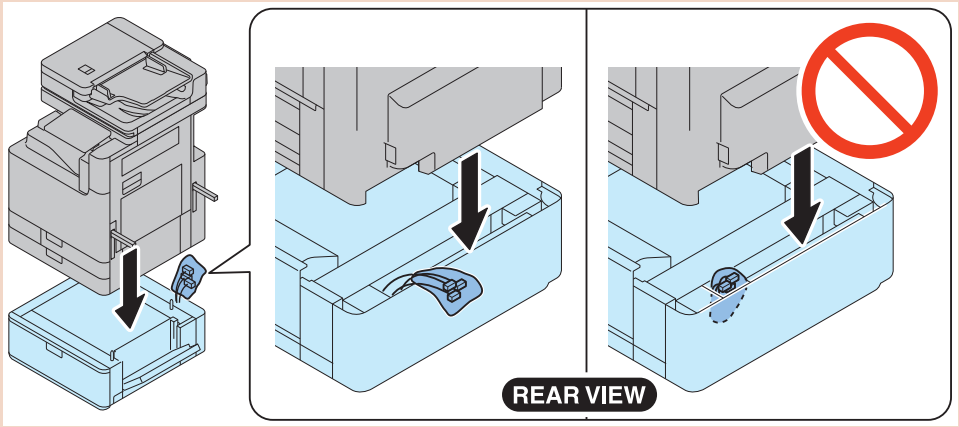




□

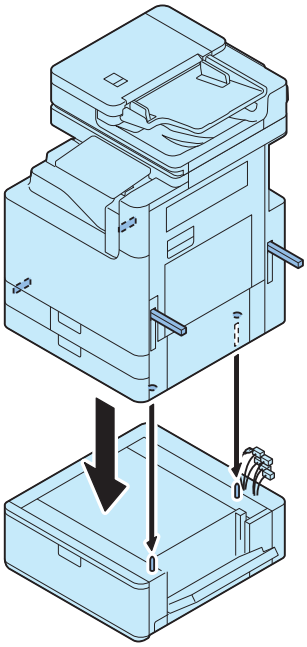
2.

CAUTION:
Do not install the Host Machine with the cable inside the cover.



CAUTION:

- When mounting the host machine to the equipment, be sure to move the host machine parallel and fit the 2 Positioning Pins on top of the equipment into the holes on the Base Plate of the host machine.
- The host machine weighs maximum 106 kg. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- Be sure to keep the machine leveled when lifting it.

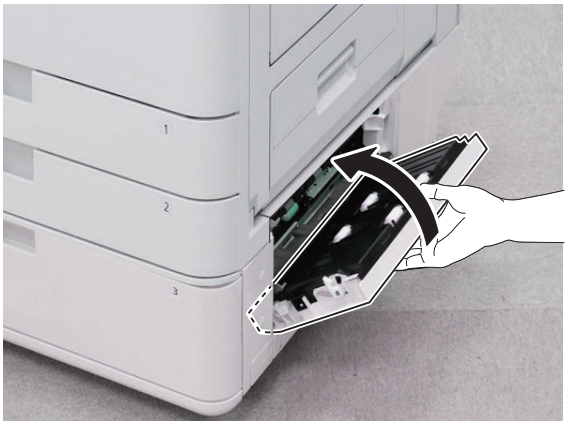


□

3.

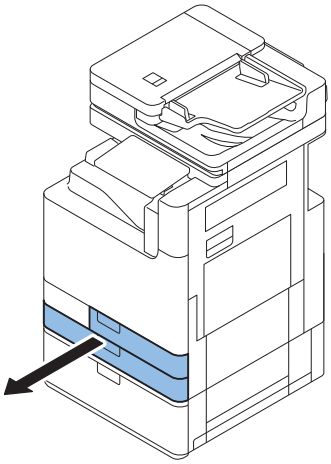
□

4.



□

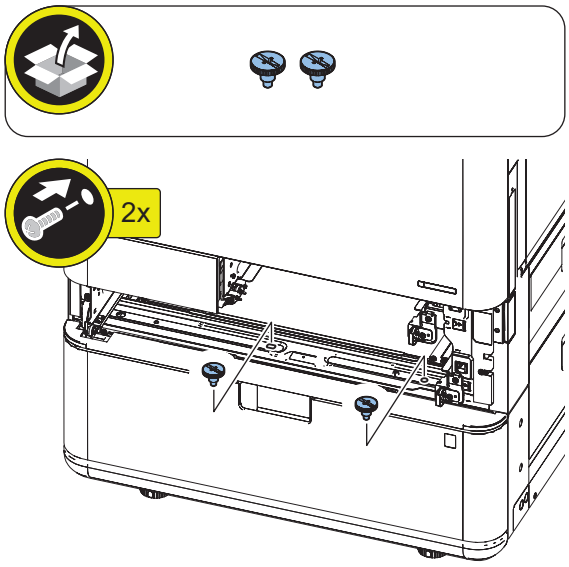
5. **Withdraw the Cassette.**



□

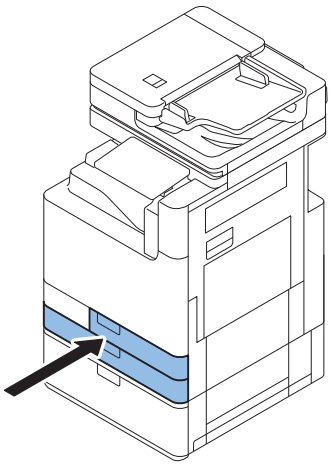
6.

CAUTION:
- Securely tighten the coin screw with a stubby screwdriver or a coin.
- Do not drop the screw when fixing it on the rear side.



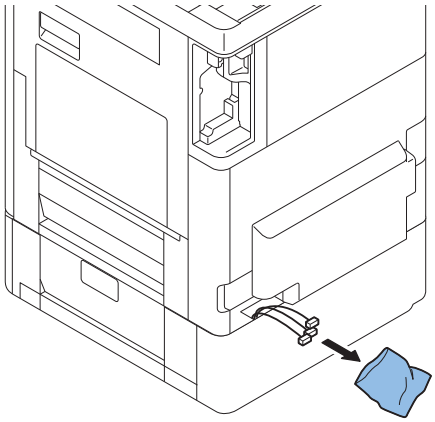
□

7. Insert the Cassette.



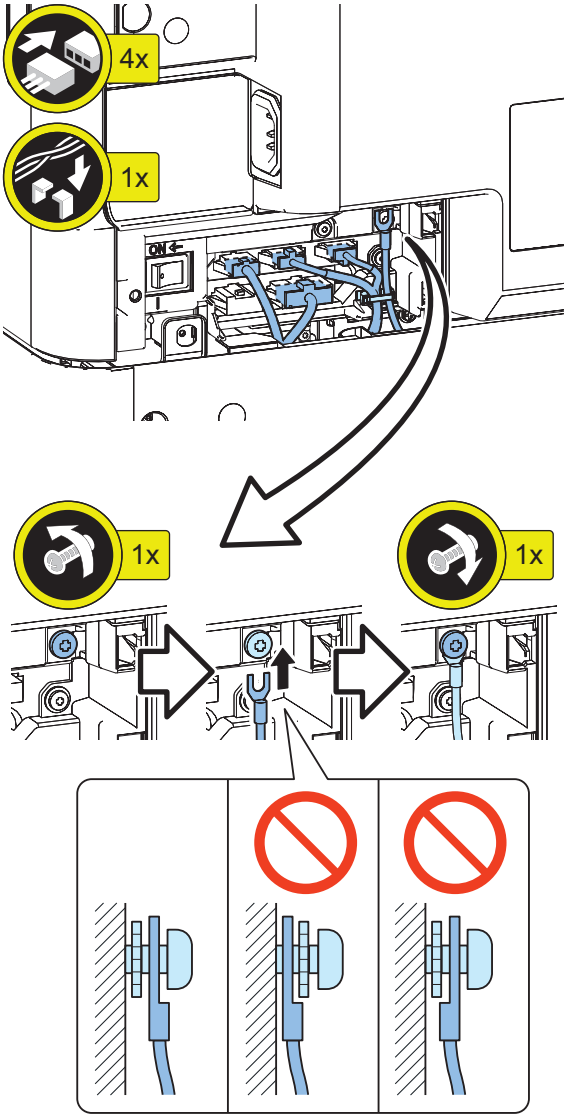
□

8.



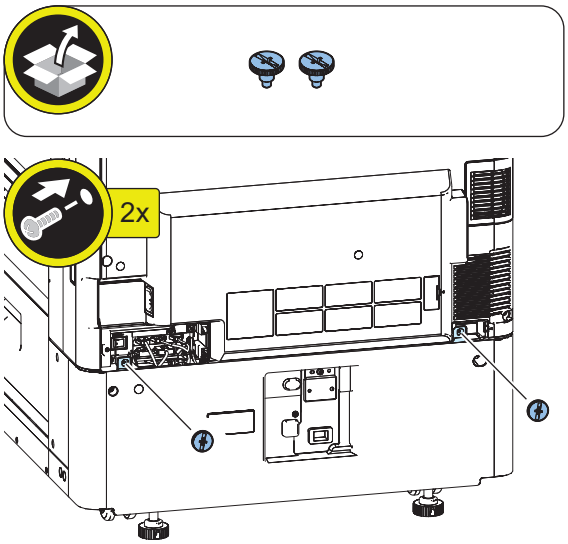
□

9.

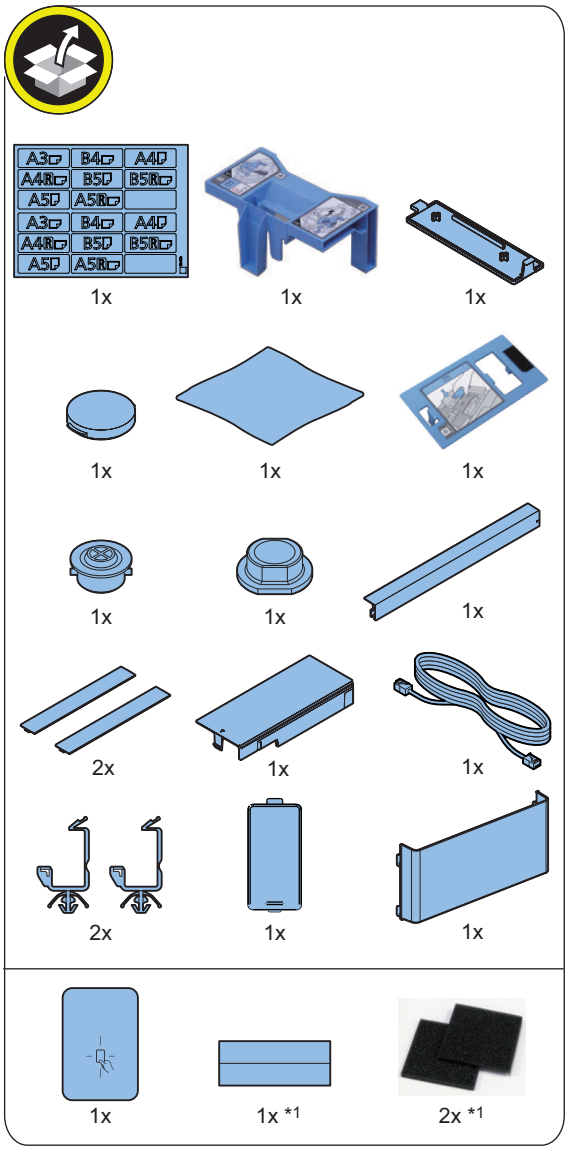


□

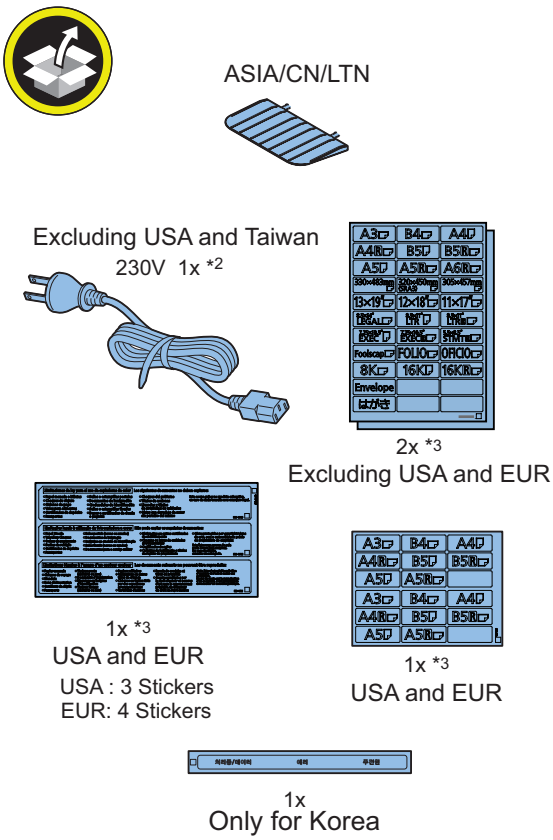
10.



■ Checking the Contents



- *1: When installing the IC Card Reader, use them as necessary.



- *2: The connector has a different shape depending on locations. Use the correct power cord to match the location/area of installation. Make sure not to leave unused power cord at the site.
- *3: Number of labels attached to the sheet varies according to location/area.

<Others>

- Including guides

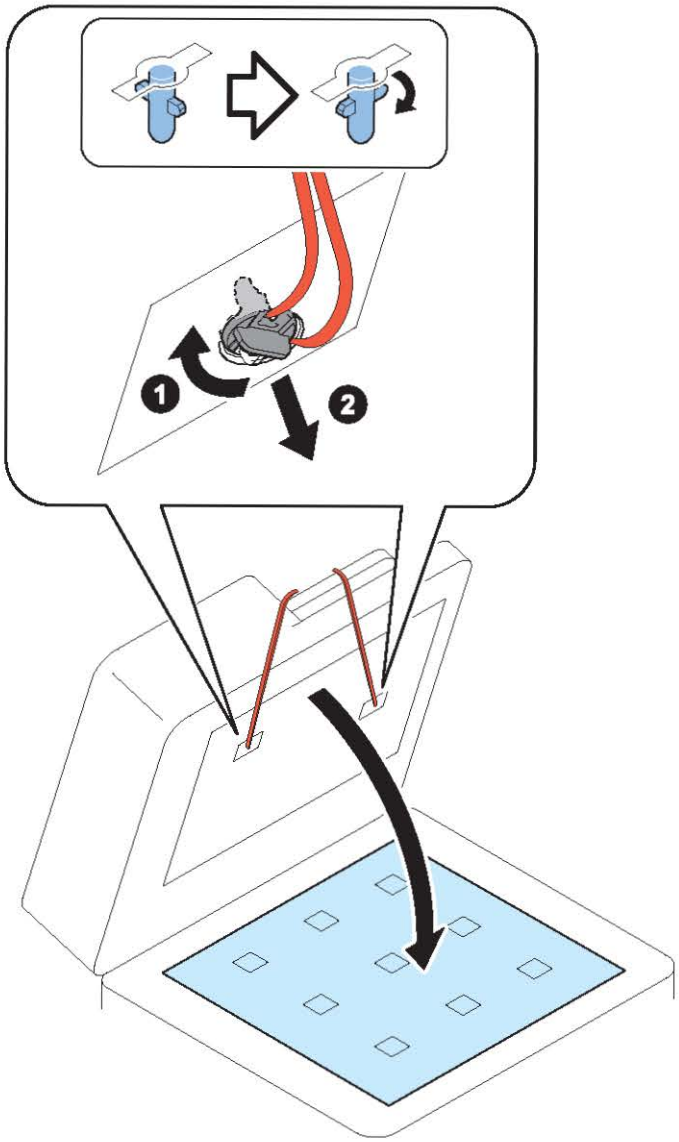
■ Installing the Scanner

□

1. Open the ADF.

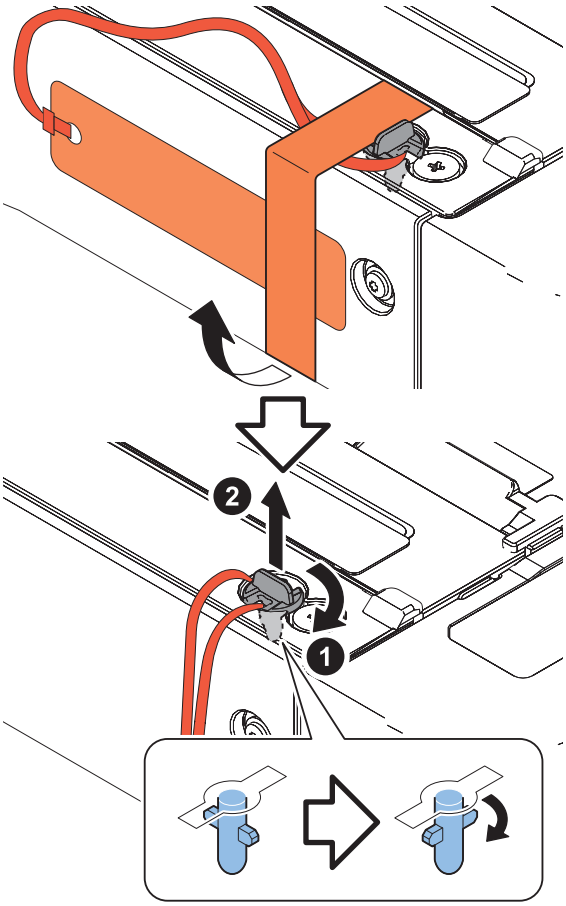
□

2.



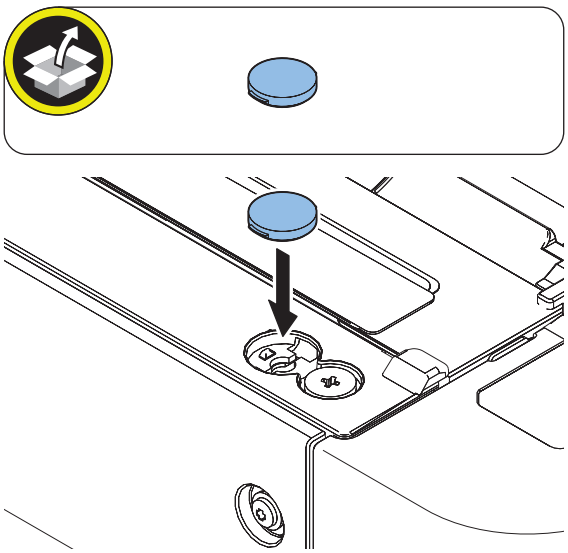
□
3.

NOTE:
Be sure to keep the Scanner System Fixation Member in a safe place for moving the machine.



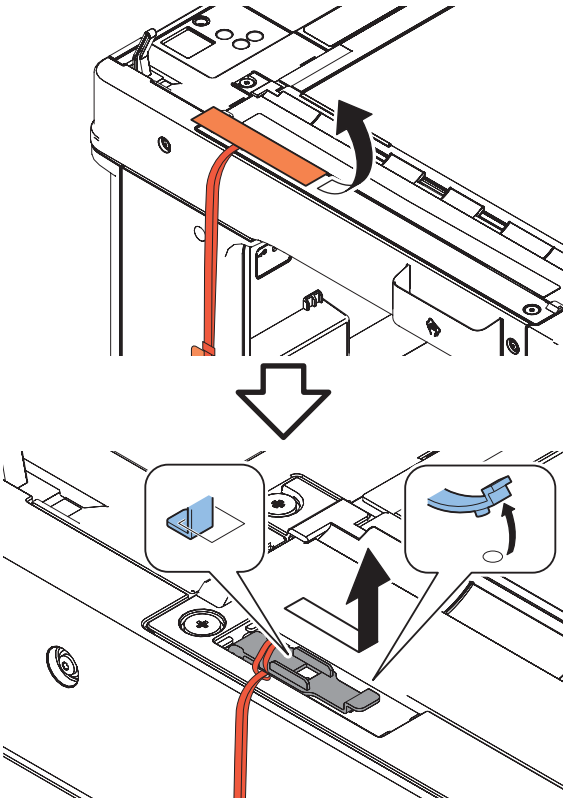
NOTE:
The removed Scanner System Fixation Member will be used at late procedure.

□
4.



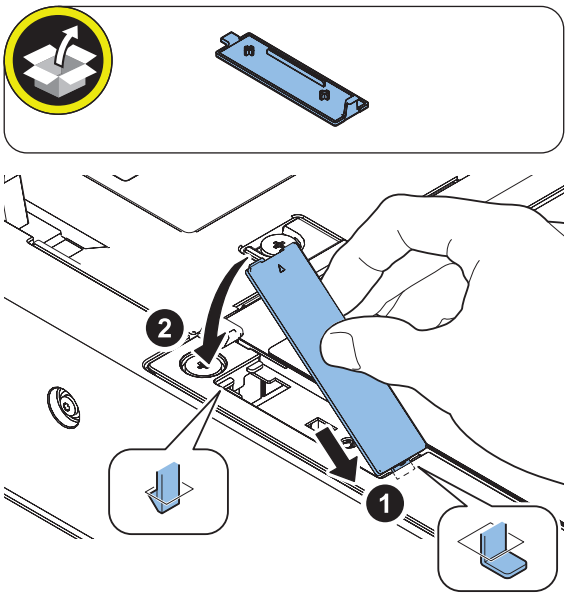
□
5.

NOTE:
Be sure to keep the Scanner System Fixation Member in a safe place for moving the host machine.

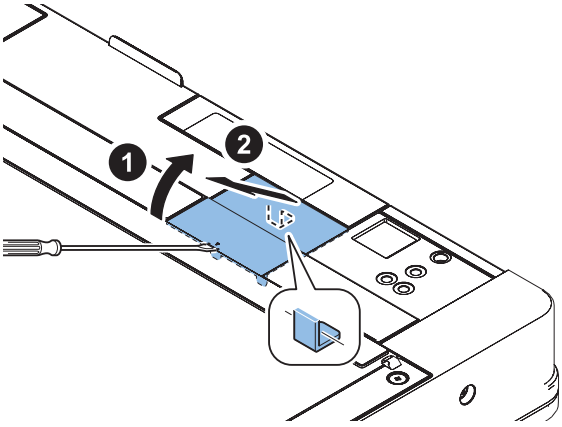


NOTE:
The removed Scanner System Fixation Member will be used at late procedure.

□
6.

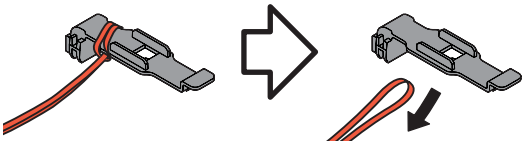


☐
7.



NOTE:
The removed Cover will be used at late procedure.

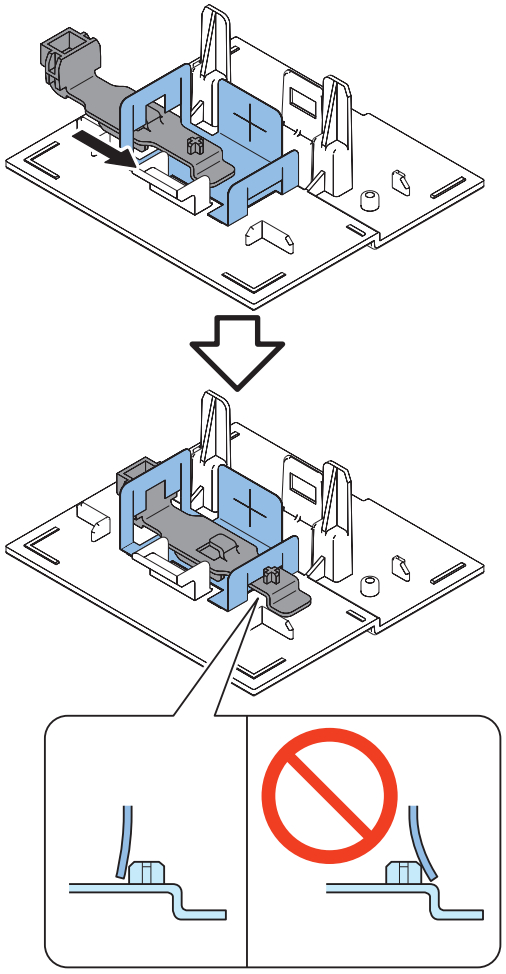
☐
8.



□

9.

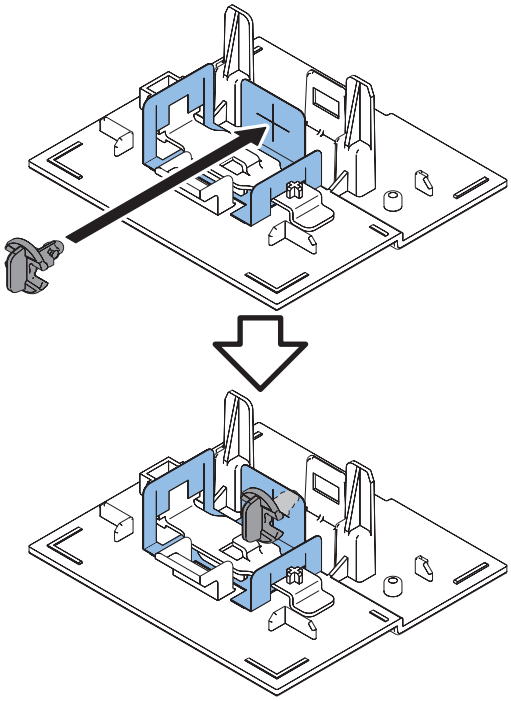
NOTE:
Store the Scanner System Fixation Member removed in step 8 into the Cover removed in the step 7.



□

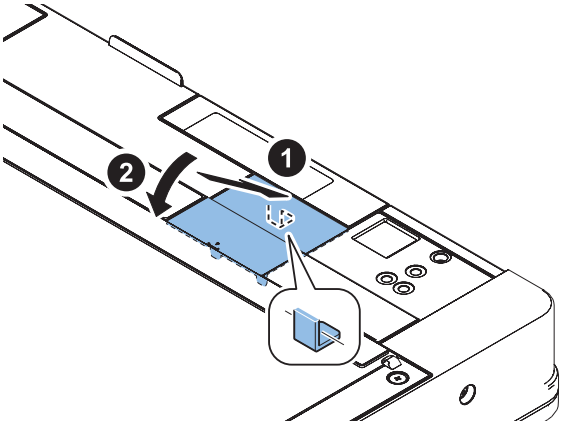
10.

NOTE:
Store the Scanner System Fixation Member removed in step 3.

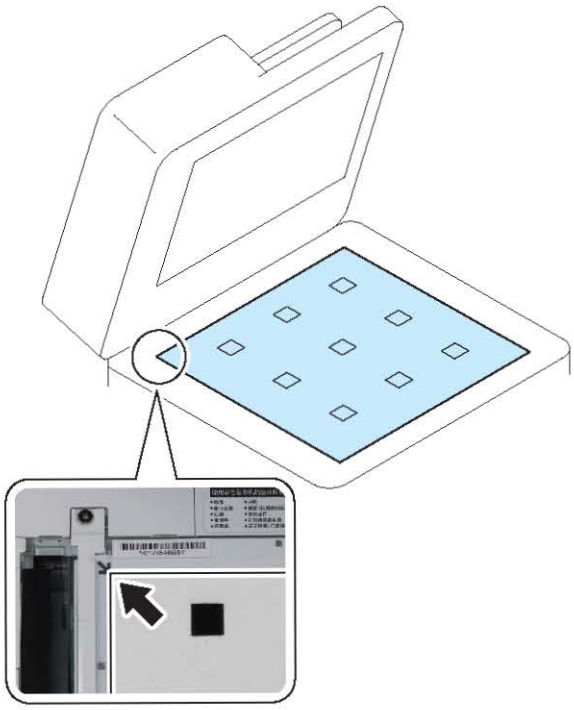


□

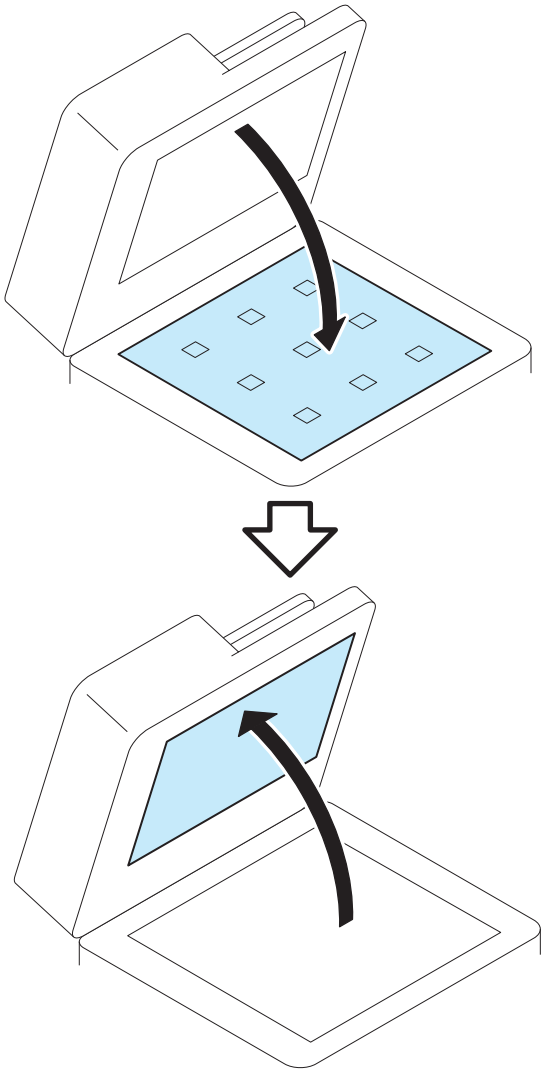
11.



□
12.

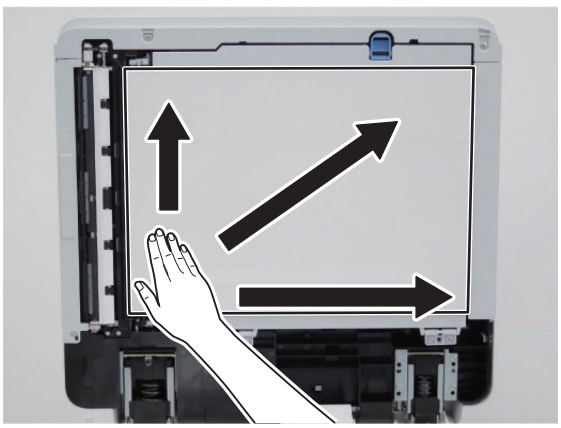


□
13.



□
14.

CAUTION:
If the White Plate is pressed downward, it is placed on the Index Sheet, so be sure to press it upward.

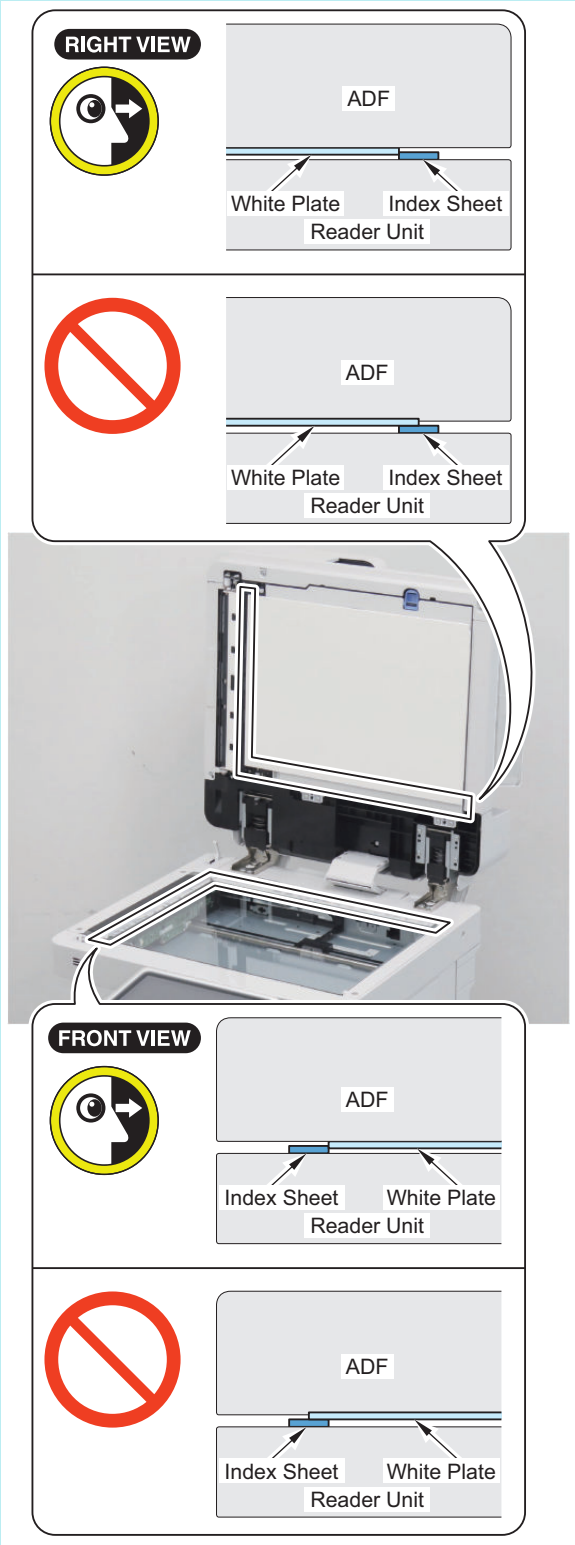


□

15. Close the ADF.

NOTE:

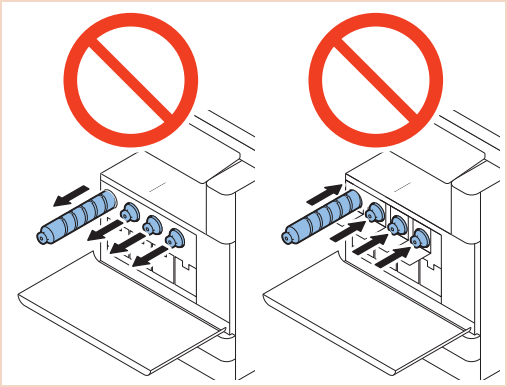
- Be sure that there is no gap (for reference, 0.3 mm or less) between the White Plate and the Index Sheet.
- Check that the White Plate is not placed on the Index Sheet.



■ Installing the Developing Assembly

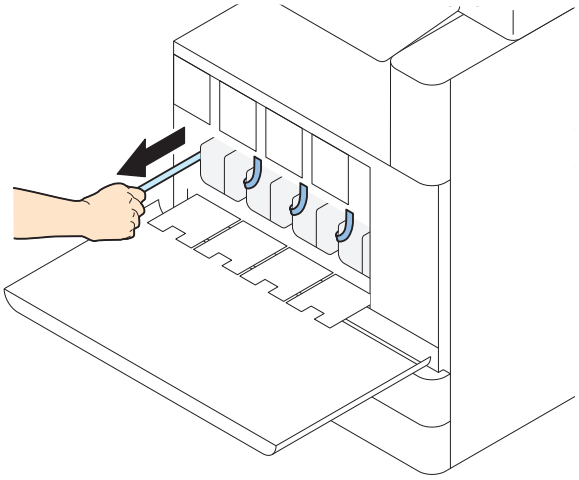
CAUTION:

- Do not remove or insert the toner bottle until the developer assembly is fully initialized. If not, fogging, scattering and spot may occur.
- Toner Tape is sealed 40ppm model only.
- When the developing assembly is fully initialized, the setting instruction of the toner cartridge is displayed on the UI.
- After opening the toner cartridge cover, remove the developer assembly seal to avoid damaging the developer assembly.



□

1. Open the front cover and Toner Cartridge door, then pull out straight the Developing unit seal.



□

2. Close the Front Cover and Toner Cartridge Cover

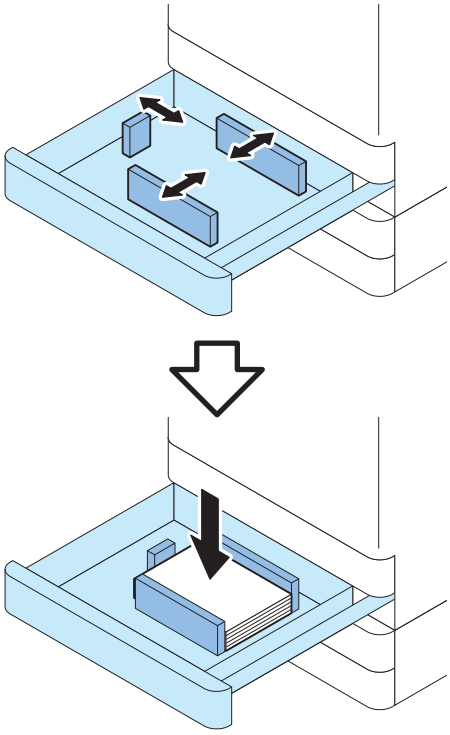
■ Setting the Cassette

□

1. Peel off the tape stuck inside the Cassette and on the External.

□

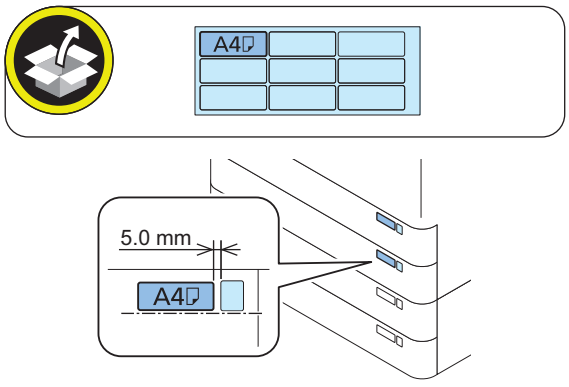
2.



□

3. **Attach the set Paper size label so that the lower edge is aligned and separated from the number label by 5.0 mm.**

NOTE:
- Be sure to check with the user before affixing the Paper Size Label and affix it at the recommended position.
- Keep the Paper Size Labels as they will be used when changing the paper size.

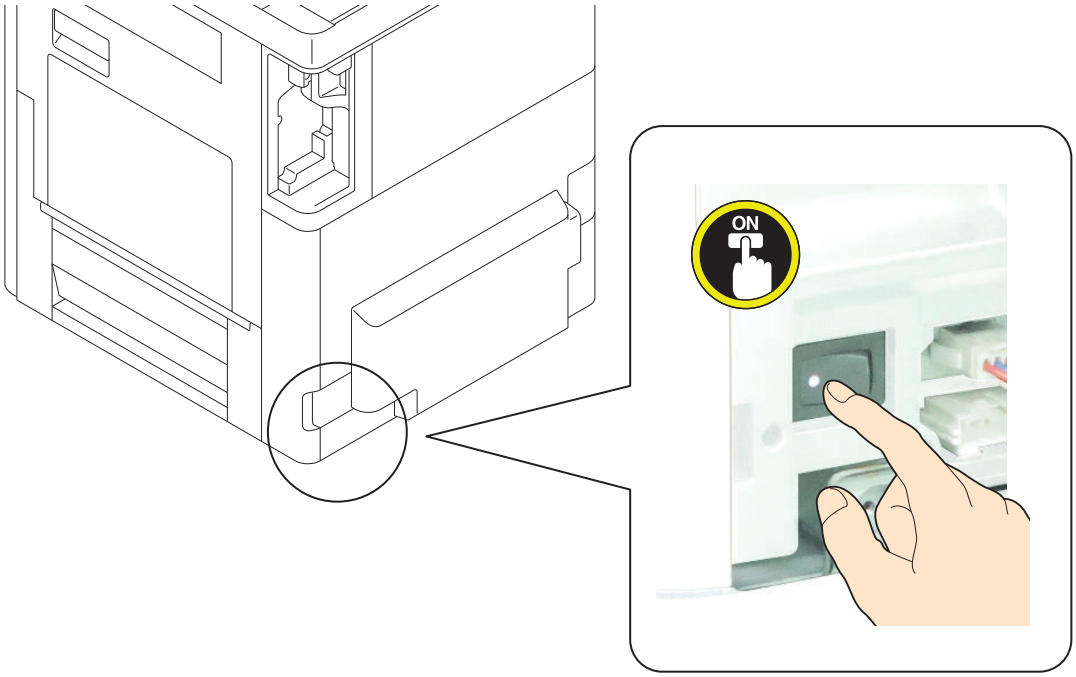


■ Setting the Environment Heater Switch

CAUTION:
If the installation environment is a high humidity environment (*1) or low temperature (*2), be sure to turn ON the Environment Heater Switch. Image smear is likely to occur in the high humidity environment and charging failure is likely to occur in the low temperature environment.
***1: Check the value of the absolute water volume outside of the machine is about 12g or more in the following service mode.**
COPIER > DISPLAY > ANALOG > ABS-HUM
***2: Check the temperature inside the machine is below 15 deg C in the following service mode.**
COPIER > DISPLAY > ANALOG > TEMP2

□

1.

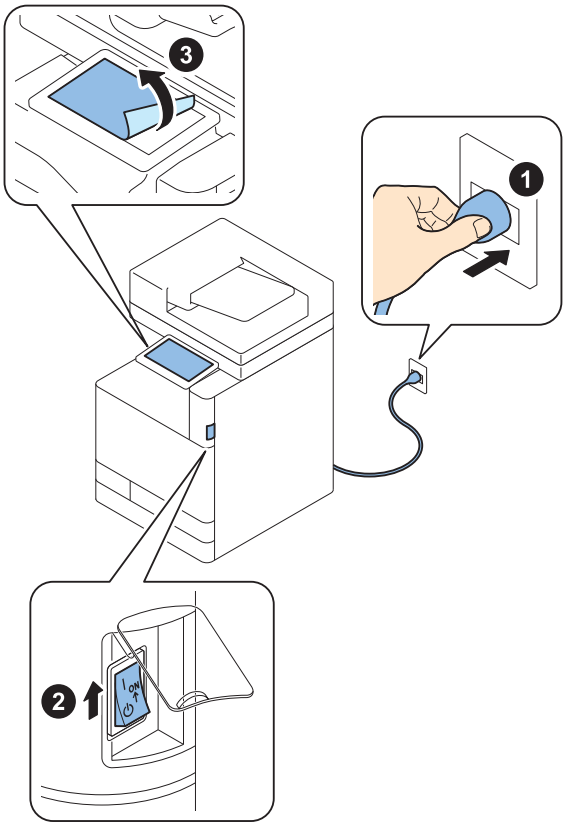


■ Turning ON the Main Power

CAUTION:
1. Since the automatic adjustment of the ADF reading position will be executed when the main power is turned ON for the first time, remove all objects on the copyboard glass and close the ADF.
2. When the main power is turned on with a document or the like placed on copyboard glass, remove the document or the like, close the ADF, and execute the following service mode.
   - COPIER > FUNCTION > INSTALL > STRD-POS

□

1.



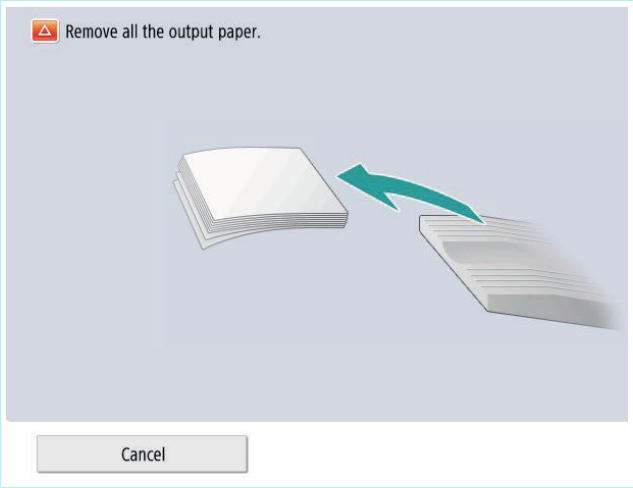
■ Setting of Full Detection Switch

If an optional delivery system unit is not installed, there is no delivery tray full detection sensor flag in the first delivery. Therefore, change the set value from 0 to 1 in the following service mode to disable the full detection switch.

- COPIER > OPTION > FNC-SW(LVL2) > TRYFLOFF

NOTE:

- Full Detection Switch setting value is set "0 (valid)" at the time of shipment.
- When the full detection sensor flag is not installed and the full detection switch is 0 (enabled), the following warning is displayed at the time of sheet passing to stop the output.



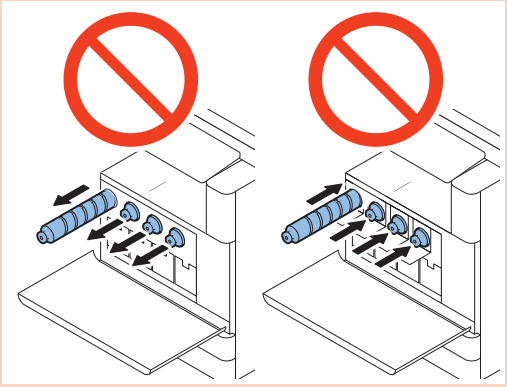
■ Starting the Setup Guide

● When the Setup Guide is operated

Initialization of the Developing Unit, initialization of the drum, and color displacement correction are automatically performed while starting the Setup Guide is running. When all initialization is complete, the Toner Container set instruction appears in the UI. When not executing Setup Guide, press [End Setup Guide] on the Touch Panel Display.

CAUTION:
Points to Note at Installation of the Toner Cartridges:

- Do not remove or insert the toner bottle until the developer assembly is fully initialized. If not, fogging, scattering and spot may occur.
- Toner Tape is sealed 40ppm model only.
- When the developing assembly is fully initialized, the setting instruction of the toner cartridge is displayed on the UI.

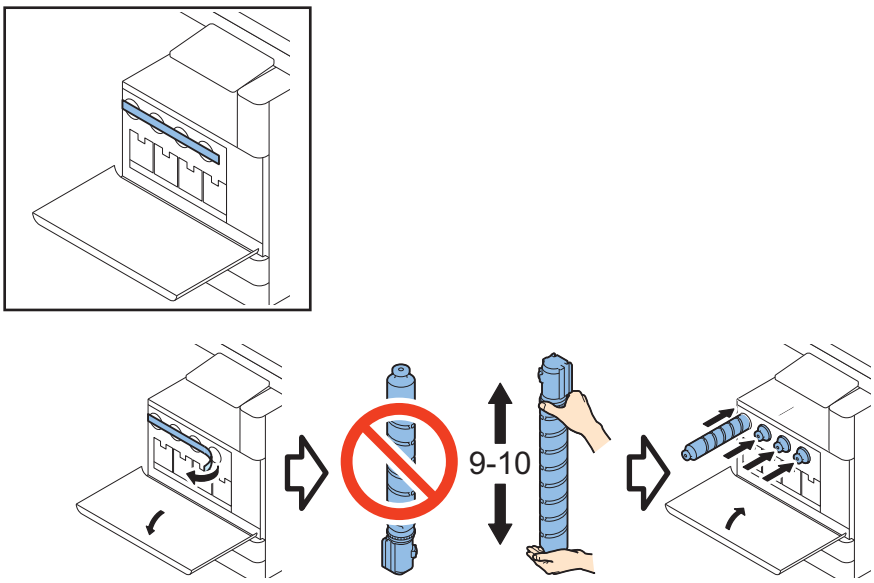


NOTE:

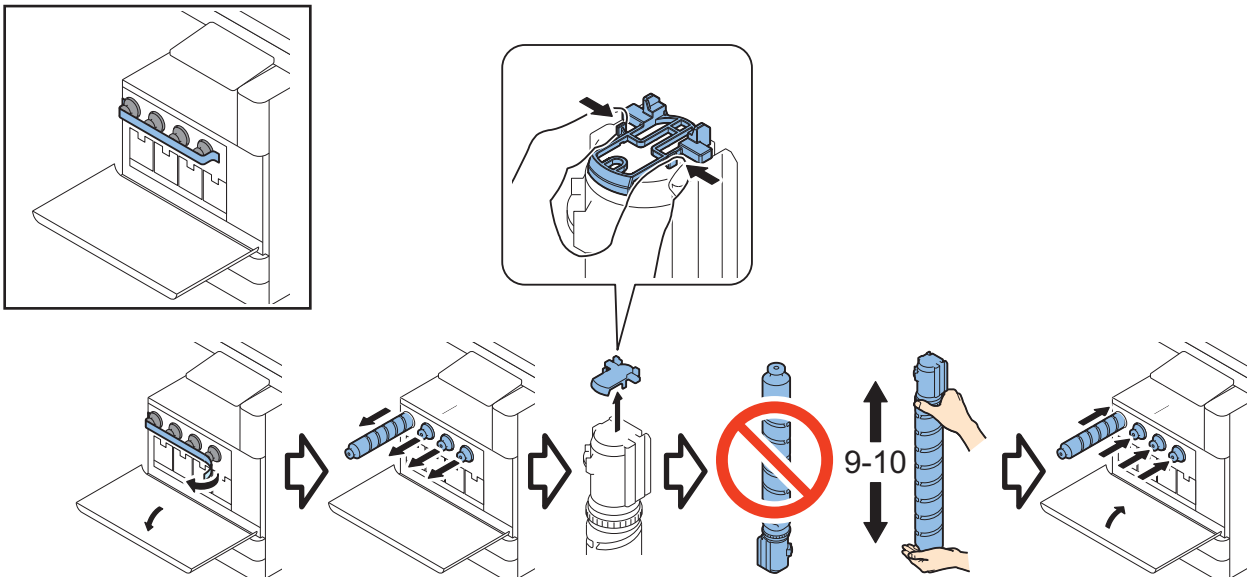
- Excluding some of the setting items, it is possible to proceed to the next setting without entering the current setting.
- Setup Guide can be started again from [Settings/ Registration]. ([Settings/Registration] > [Management Settings] > [License/ Other] > [Start Setup Guide])
- If the main power is turned OFF during registration using Setup Guide, Setup Guide is started by turning ON the main power again.
- If registration using Setup Guide has been completed, Setup Guide is not started by turning ON the main power again.
- Register the information of paper loaded during installation of the host machine. Be sure to register the correct paper type. Especially in the case of special paper types such as heavy paper, registering a wrong paper type may result in image failure, and when the Fixing Assembly becomes soiled or paper wraparound occurs, repair by a service technician becomes necessary.
- If a message prompting the user to update the version appears, press [Update] to automatically update the version of the Host Machine. If [Skip] is selected, a message prompting the user to update the version will appear every time the host machine is started. The service mode (Level 2) shown below, it is possible to set not to display the message.
  COPIER > OPTION > FNC-SW > VER-CHNG
- When all initializations have been completed, Setup Guide stops (approx.5 minutes).

< Toner Settings >
When developing initialization is complete, toner bottle setting is displayed on the UI.

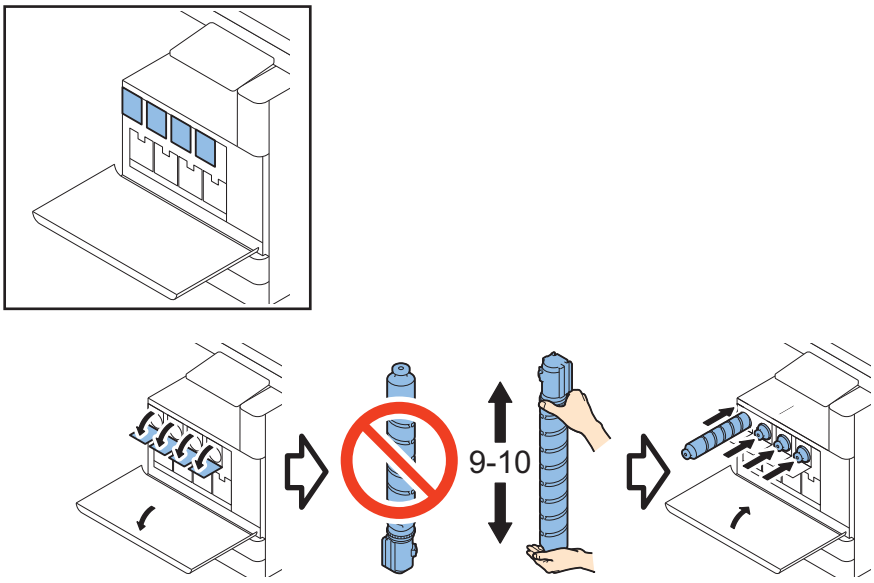
- 40ppm / Toner is not bundled in the Host Machine.



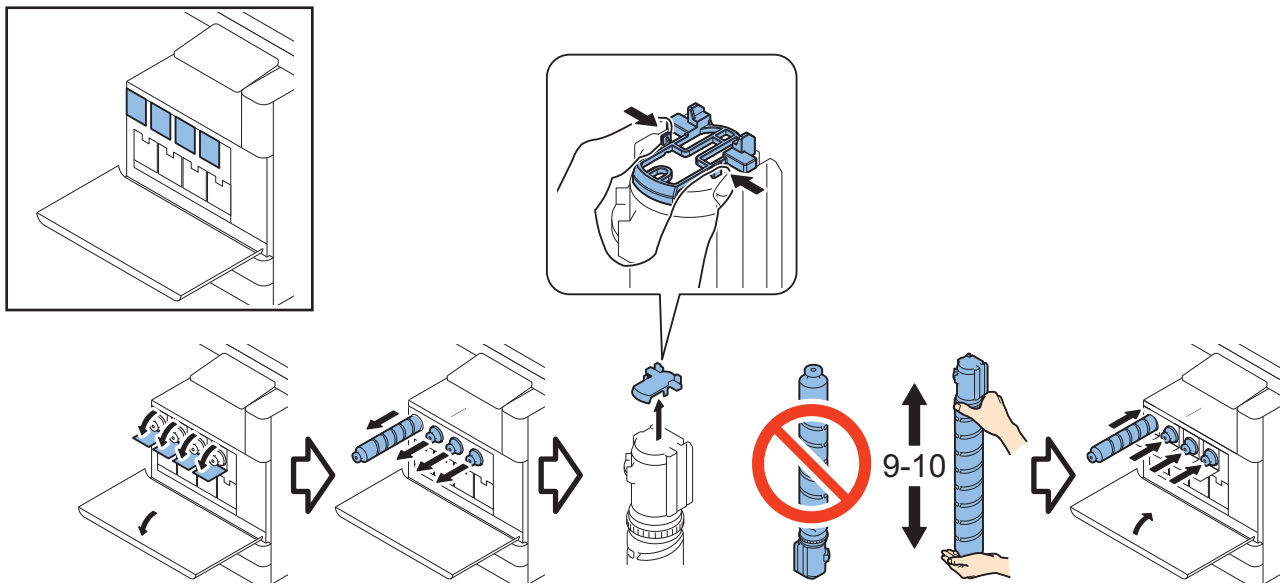
- 40ppm (CN,KR,JP) / Toner is bundled in the Host Machine.



- 70/60/50ppm (Toner is not bundled in the Host Machine.)



- 70/60/50ppm (CN,KR,JP) / Toner is bundled in the Host Machine.



< Paper Settings >

1. Select the paper source for which you want to specify the paper type, and press [Set].
2. Select the paper type, and press [OK].
3. If [Plain] is selected, the basis weight can be specify from [Plain Paper Weight Set].
4. If a button corresponding to the paper that has been set is not displayed, press [Detailed Settings] and make a selection on the detailed settings screen.

NOTE:
If the corresponding paper type is not displayed on the simple settings screen, press [Detailed Settings] and make a selection.

＜ Output Report ＞

Check the following values from the Setting Value List which has been output by < Output Report >, and write them down in the service label inside the Front Cover.

- COPIER > ADJUST > DENS > CONT-Y
- COPIER > ADJUST > DENS > CONT-M
- COPIER > ADJUST > DENS > CONT-C
- COPIER > ADJUST > DENS > CONT-K
- COPIER > ADJUST > DENS > D-Y-LVL
- COPIER > ADJUST > DENS > D-M-LVL
- COPIER > ADJUST > DENS > D-C-LVL
- COPIER > ADJUST > DENS > D-K-LVL

● When the Setup Guide is not executed

When all initialization is complete, the Toner Container set instruction appears in the UI. Set the toner, referring to "When the Setup Guide is operated > <Toner settings>".

Auto Adjust Gradation (Full Adjustment)

CAUTION:

- If the gradation performance is wrong on the printed image, set [Initialize When Using Full Adjust] and perform the Auto Adjust Gradation again.
- When using paper type to which Auto Adjust Gradation is not executed, image failure or damage on the host machine may occur.

Execute the Auto Adjust Gradation to the following 3 modes: [Plain], [Heavy 1] or [Heavy 2 - 7]. When using 2 or more types of paper, it is necessary to execute all the modes corresponding to the types of paper.

□

1. **Clean the glass surface of Copyboard Glass on the host machine.**

2. **Place paper to be corrected in the paper source.**

CAUTION:
Be sure to select the correct paper type/weight, as the toner and fixing conditions are adjusted according to the paper type.

3. **Select [Settings/Registration] > [Adjustment/Maintenance] > [Adjust Image Quality] > [Auto Adjust Gradation] > [Initialize When Using Full Adjust].**
4. **Select [ON], and press [OK].**
5. **Select the paper type, and press [Full Adjust].**
6. **Select the paper source, and press [OK].**
7. **Select the paper source, and press [OK].**
8. **Follow the instructions on the screen to read the test page.**

■ Auto Correct color Tone Settings (Register Correction Pattern)

□

1. **Clean the glass surface of Copyboard Glass on the host machine.**
2. **Log in as a system manager.**
   Factory default password is as follows.
   - System administration division ID: Administrator
   - System administration password: 7654321

CAUTION:
When [System Manager Information Settings] is set, it is required to log in as a system manager in accordance with instructions from the user administrator.

3. **[Settings/Registration] > [Adjustment/Maintenance] > [Adjust Image Quality] > [Auto Correct color Tone Settings] > [Register Correction Pattern], and press [Yes].**

CAUTION:
It is required that auto gradation adjustment has been executed.

4. **Select the destination for registration, and press [Next].**
5. **Select the paper which is used by the user and press [Next].**

CAUTION:
- Select the paper used for auto gradation adjustment.
- If paper has been registered for auto gradation adjustment, select the registered paper.

6. **Select the paper source where paper which is used by the user is loaded and press [OK].**
7. **Press [Start Printing].**
8. **Set the output image on the Copyboard and press [Start Scanning].**
9. **If there are 2 or more papers which either was used for auto gradation adjustment or has been registered, repeat steps 3 to 8 as necessary. At that time, be sure to register each paper to different destination. (Up to 4 papers can be registered.)**

■ Registration of Installation Date Information

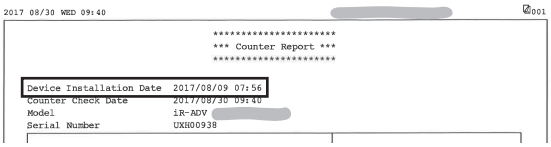
CAUTION:
Be sure that [Date/Time Settings] is completed. (There are items in Setup Guide.)

☐

1. **Enter the following service mode, and execute "Batch Set Installation Date Info".**
   COPIER > FUNCTION > INSTALL > INSTDTST

NOTE:
- Year, month, day, hour, and minute can be edited individually in the following service modes.
  COPIER > OPTION > USER > INSTDT-Y
  COPIER > OPTION > USER > INSTDT-M
  COPIER > OPTION > USER > INSTDT-D
  COPIER > OPTION > USER > INSTDT-H
  COPIER > OPTION > USER > INSTDT-N
- The default value of each service mode is "0".
- When "0" is set for each service mode, "Device Installation Date" on the counter report will be blank.

2. **Exit service mode.**
3. **Output the counter report, and check that the installation date information is registered.**
   - [Counter/Device Information] key > [Print List] > [Yes]

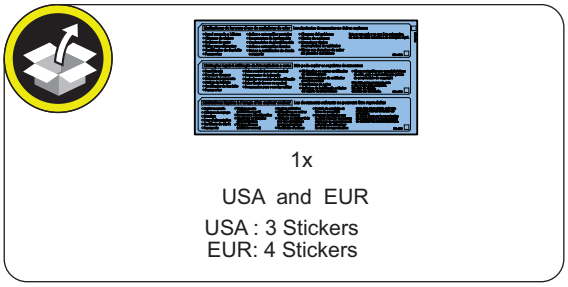


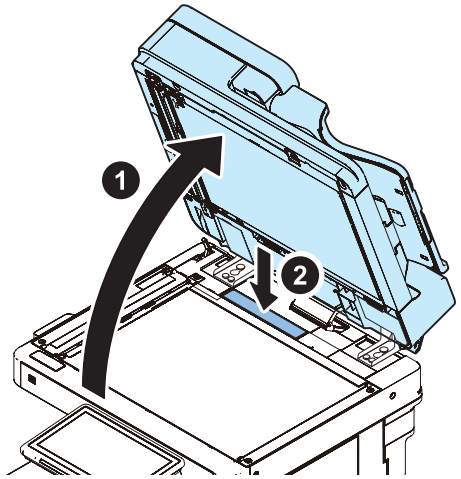
■ Other Installations

□

1.

NOTE:
- Affix the label of the appropriate language as shown in the figure below.
- If a label is already affixed, affix over the existing label.

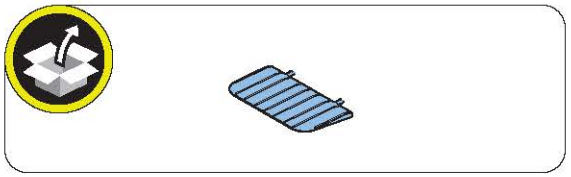


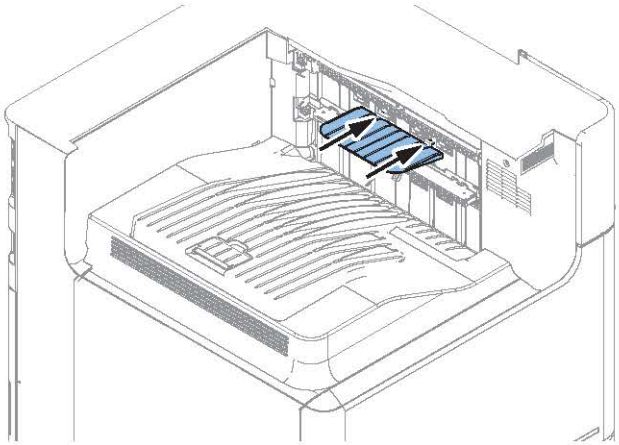


□

2. (ASIA/CN/LTN)

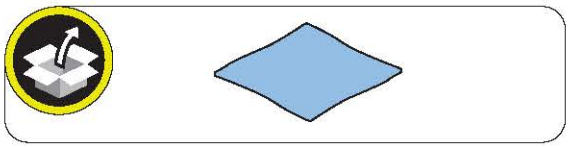
NOTE:
Do not install the Reverse Trailing Edge Guide if one of the following options is installed.
- Inner 2way Tray
- Inner Finisher
- Staple Finisher
- Booklet Finisher

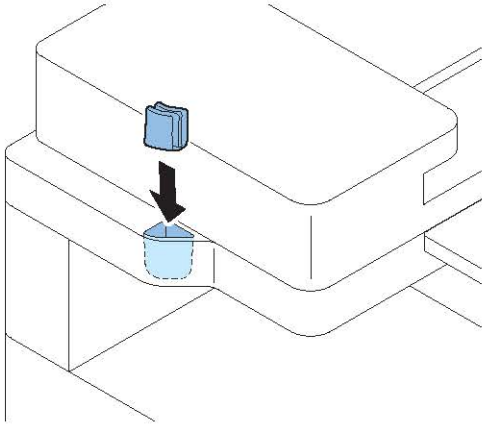




□

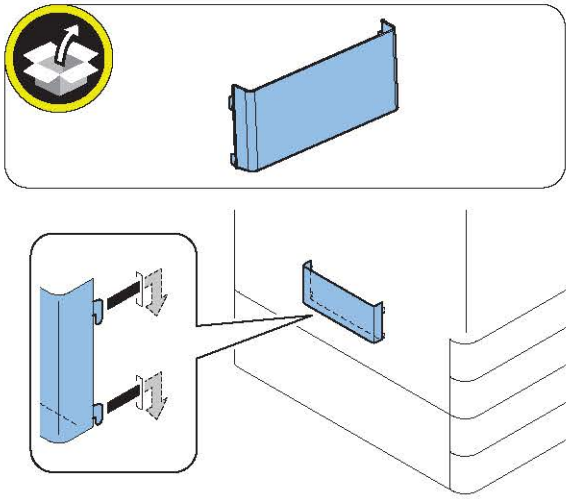
3.





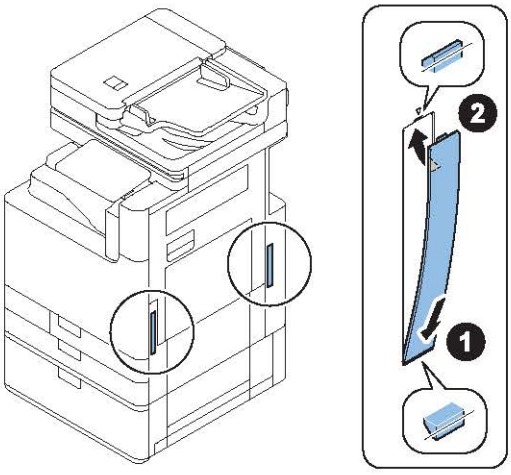
☐

4.



☐

5.

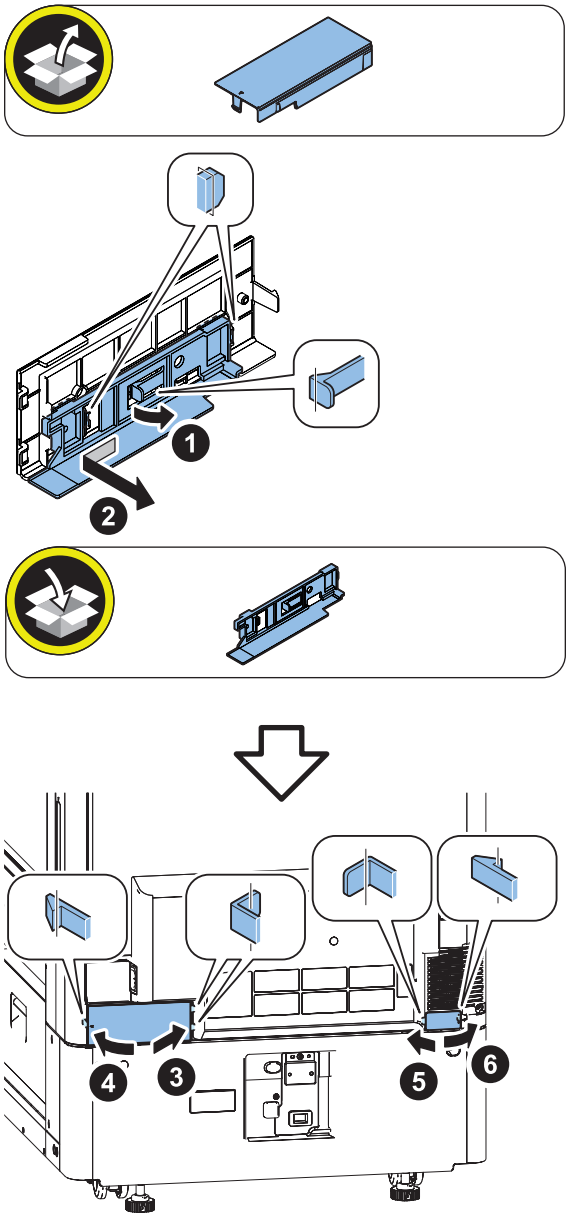


□

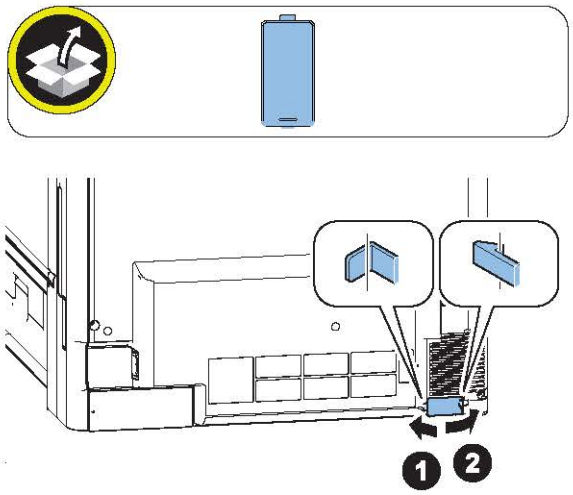
6.

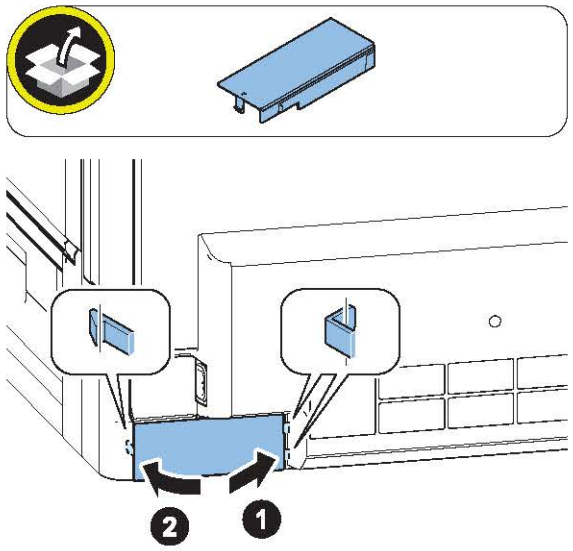
<When installing the Cassette Pedestal at the same time>

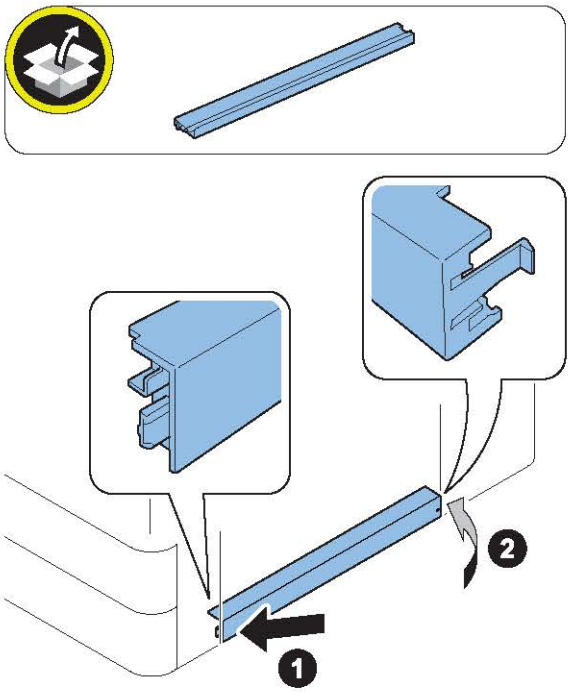
NOTE:
Remove the Connector Cover 2 from the Connector Cover.



<When installing only the Host Machine>

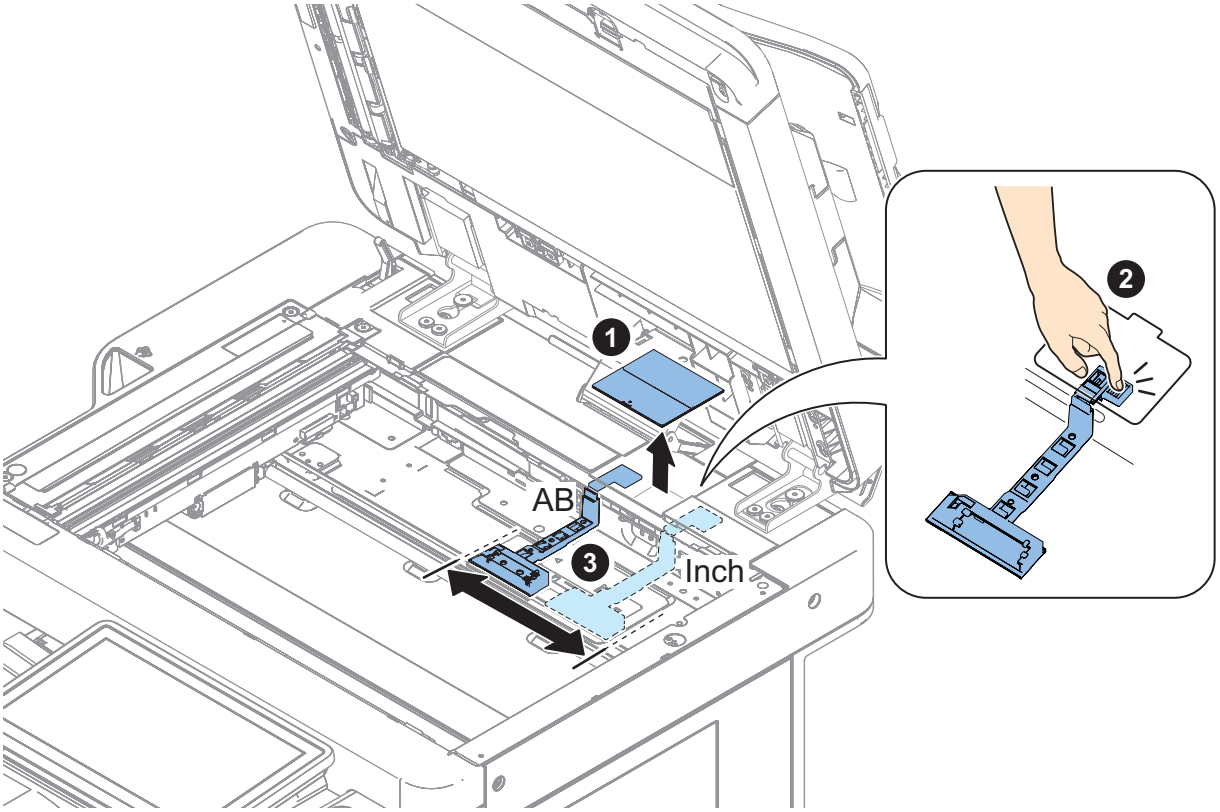






7. <When Changing the Document Size>

1. Execute the following service mode.
   COPIER > OPTION > FNC-SW > SENS-CNF = 0:AB, 1:Inch
2. Turn the Main Power OFF/ON.

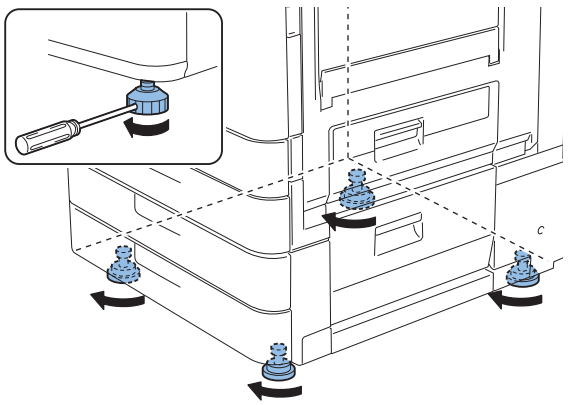


■ Securing the Host Machine

□

1.

NOTE:
- Move the main body to the installation position, and secure it in place by turning the 4 adjusters of the Cassette Pedestal with a screwdriver.
- Be sure to secure it in place to prevent overturning.
- Securing with the adjusters is not an earthquake countermeasure.



■ Installing the Envelope Attachment A

● Installing the Envelope Attachment A

Cassette 1

Type	(Short side (X)×Long Side (Y))
Monarch	7 1/2" x 3 7/8"(inch)/ 98.4 x 190.5 mm
No. 10 (COM10)	4 1/8" x 9 1/2"(inch)/ 104.7 x 241.3 mm
DL	110 x 220 mm
ISO-C5	162 x 229 mm

Cassette 2

Type	(Long Side (X)×Short side (Y))
Monarch	7 1/2" x 3 7/8"(inch)/ 190.5 x 98.4 mm
No. 10 (COM10)	9 1/2" x 4 1/8"(inch)/ 241.3 x 104.7 mm
DL	220 x 110 mm
ISO-C5	162 x 229 mm

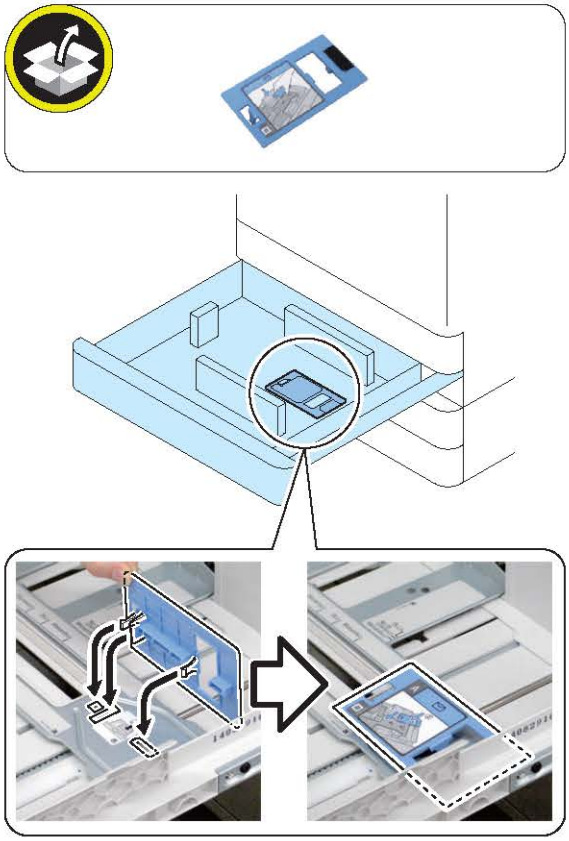
● Installing the Envelope Attachment A

CAUTION:
- Use the Envelope Attachment A for the Cassette 1 or Cassette 2.
- Do not use the Cassette 3 or Cassette 4.

NOTE:
Install/remove the Envelope Attachment A only if requested by the customer.

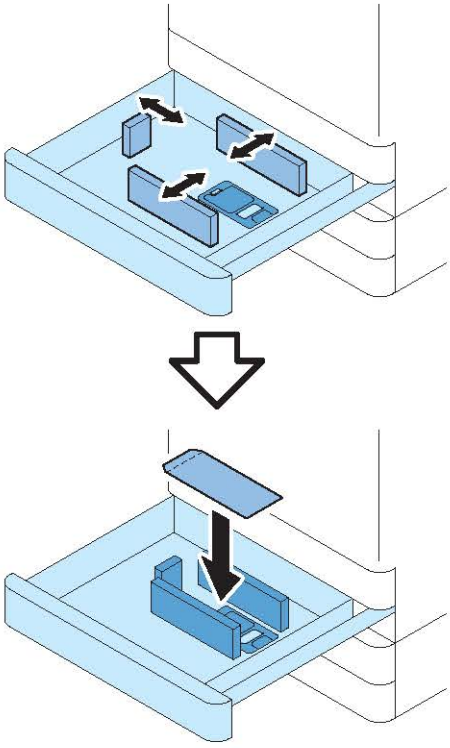
□

1.



□

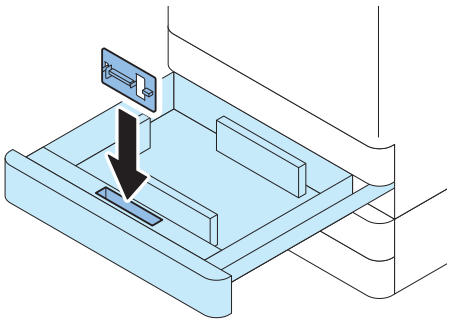
2.



● When the Envelope Attachment A Is Not Used

□

1.



● Settings after Installation

□

1. **Select [Settings/Registration] > [Preferences] > [Paper Settings] > [Paper Settings] > [Cassette 1/Cassette 2] > [Envelope]**

□

2. **Select the type of envelope to be used and then press [OK] to register it.**

● Display/Operation Check

□

1. **Check that "Envelope" is selected for Cassette 1 or Cassette 2 on the Control Panel's "Paper Settings" screen.**

□

2. **Check that the envelope is picked up.**

■ Checking after Installation

□

1. **Review the Drum Unit initialization results.**

   Check that the display value of each color is "0".

   COPIER > COUNTER > LIFE > PT-DR-Y
   COPIER > COUNTER > LIFE > PT-DR-M
   COPIER > COUNTER > LIFE > PT-DR-C
   COPIER > COUNTER > LIFE > PT-DRM

NOTE:
If the screen does not display the correct value.
- After turning the Main Power OFF, load or unload the Drum Unit, and then turn the power back on.

■ Adjusting Image Position (Printer)

NOTE:
- In duplex printing, the first side is the front side and the second side is the back side.
- The Host Machine prints the first image on the back and the second on the front.

● Image Position Adjustment

CAUTION:
- By making an adjustment on the 1st side, the margin on the 2nd side is also changed.
- If the difference between the 1st and the 2nd sides is +/- 0.5 mm or less, do not adjust the 2nd side.
- The left/leading edge margin adjustment of the second side is a difference adjustment between the first side and the second side.

<Reference: Standard value>
Leading edge: 4.0+1.5/-1.0 mm (front side, back side)
Left edge: 2.5+/-1.5 mm (front side)/2.5+/-2.0 mm (back side)

1. **After setting the following service mode, press the Start key and output a test print (2-sided print) from each of the paper sources.**
   - COPIER > TEST > PG >
     TYPE = 5
     COLOR-K = 1
     COLOR-Y = 0
     COLOR-M = 0
     COLOR-C = 0
     2-SIDE = 1
     PG-PICK = each paper source

CAUTION:
At 2-sided printing, paper is output with the 1st side facing up and 2nd side facing down.
When checking the leading edge margin on the 1st side, check the up side of paper, and check the margin on the rear side with respect to the feed direction.

CAUTION:
When it is out of the specified range, perform adjustment of each cassette in the following order.

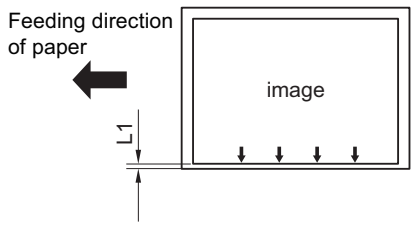
Order	Cassette 1	Cassette 2	Cassette 3/4
1	Software adjustment	Software adjustment	Hardware adjustment
2	-	Hardware adjustment	Software adjustment

*: Hardware adjustment is not performed for Cassette 1.

● Cassette Left Edge Margin Adjustment (Software Adjustment)

□

1. **Perform a test print from Cassette 1 (2-sided print), and confirm that the left margin is 2.5 +/- 1.5 mm.**



＜ **Cassette 1 out of Specification** ＞

□

2. **Change the left edge margin adjustment value for the 1st side of the Cassette 1.**
   As the service mode value is changed by 1, the left margin is changed by 0.1 mm.
   COPIER > ADJUST > FEED-ADJ > ADJ-C1

□

3. **Perform a test print from Cassette 2 (2-sided print), and confirm that the left margin is 2.5 +/- 1.5 mm.**

< Cassette 2 out of Specification >

□

4. **Change the left edge margin adjustment value for the 1st side of the Cassette 2.**

   As the service mode value is changed by 1, the left margin is changed by 0.1 mm.

   COPIER > ADJUST > FEED-ADJ > ADJ-C2

□

5. **Write the new adjustment value on the service label.**
   - ADJ-C1
   - ADJ-C2

□

6. **Exit service mode.**

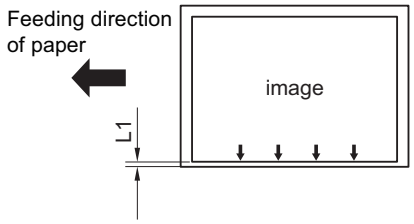
● Adjust Cassette Left Margin (Hardware adjustment)

NOTE:
- The pictures and illustration used may differ from the actual machine, but there is no difference in the procedure.
- In the margin adjustment of the left edge of the 1st side of the Cassette, the software adjustment takes priority.
- Image position can not be adjusted by manual with the Cassette1.

□

1.

NOTE:
Perform a test print from Cassette 2, and confirm that the left margin is 2.5 +/- 1.5 mm.

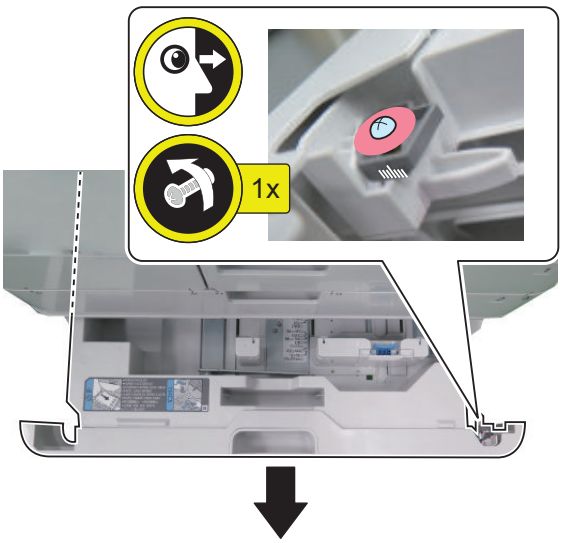


＜ In Case of Out of Range ＞

□

2.

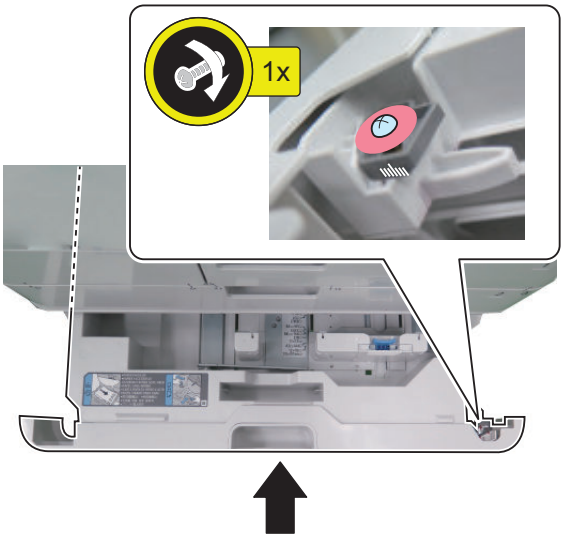
NOTE:
- Pull out the cassette.
- Check the value of the scale on the Adjustment Plate.
- Loosen the fixation Screw.
- Moving the adjustment plate by 1 scale toward the back of the Main Unit reduces the left margin by 1.0 mm.



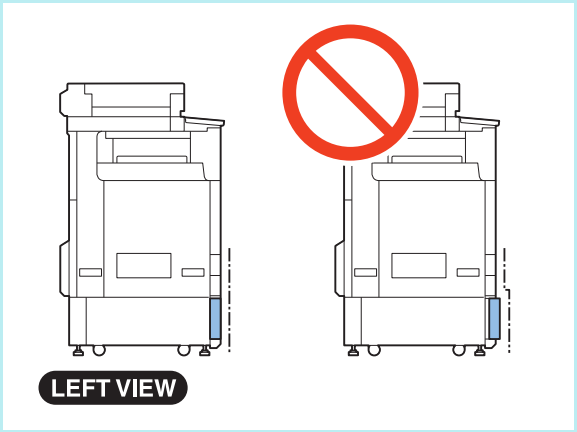
□

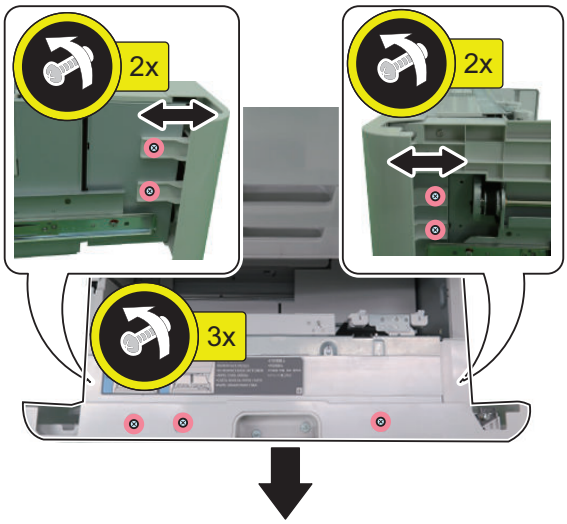
3.

NOTE:
- Tighten the Fixation Screws.
- Return the cassettes to their original positions.
- Perform a test print from Cassette 2, and confirm that the left margin is 2.5 +/- 1.5 mm.



NOTE:
When there is a step of the Cassette by the hardware adjustment, the Screw on the right and left sides is loosened and adjusted.

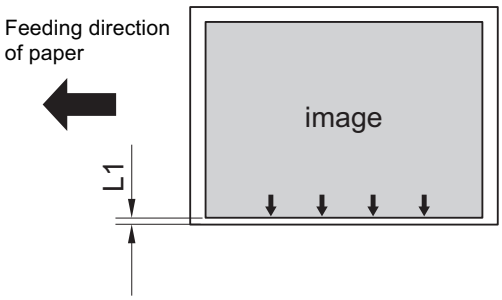




• Multi-purpose Tray Left Edge Margin Adjustment (1st side)

☐

1. **Execute duplex printing from the Multi-purpose Tray, and check that the left edge margin for the 1st side is within 2.5 +/- 1.5mm.**



< In Case of Out of Range >

☐

2. **Change the left edge margin adjustment value for the 1st side of the Multi-purpose Tray.**
   If the value of service mode is increased by "1", the left edge margin becomes 0.1mm larger.
   COPIER > ADJUST > FEED-ADJ > ADJ-MF
3. **Write the new adjustment value on the service label.**
   - ADJ-MF

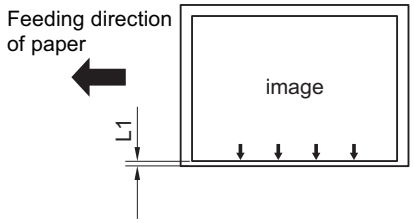
☐

4. **Exit from Service Mode.**

● Cassette Left Edge Margin Adjustment (2nd Side)

☐

1. **Perform a test print from Cassette 1 (2-sided print), and confirm that the left edge margin is 2.5 +/- 2.0 mm.**



< Cassette 1 out of Specification >

☐

2. **Change the left edge margin adjustment value for the 1st side of the Cassette 1.**
   As the service mode value is changed by 1, the left edge margin is changed by 0.1 mm.
   COPIER > ADJUST > FEED-ADJ > ADJ-C1RE

☐

3. **Enter the value same as the left edge margin adjustment value for the 2nd side of the Cassette 1 to the left edge margin adjustment value for the 2nd side of the Cassette 2.**
   COPIER > ADJUST > FEED-ADJ > ADJ-C2RE

☐

4. **Perform a test print from Cassette 1 (2-sided print), and confirm that the left margin is 2.5 +/- 2.0 mm.**

< Cassette 2 out of Specification >

☐

5. **Change the left edge margin adjustment value for the 1st side of the Cassette 2.**
   As the service mode value is changed by 1, the left margin is changed by 0.1 mm.
   COPIER > ADJUST > FEED-ADJ > ADJ-C2RE

☐

6. **Write the new adjustment value on the service label.**
   - ADJ-C1RE
   - ADJ-C2RE

☐

7. **Exit service mode.**

● Multi-Purpose Tray Left Margin Adjustment (2nd Side)

☐

1. **Perform a test print from Multi-Purpose Tray (2-sided print), and confirm that the left margin is 2.5 +/- 2.0 mm.**

< In Case of Out of Range >

☐

2. **Change the left edge margin adjustment value for the 2nd side of the Multi-purpose Tray.**
   As the service mode value is changed by 1, the left margin is changed by 0.1 mm.
   COPIER > ADJUST > FEED-ADJ > ADJ-MFRE

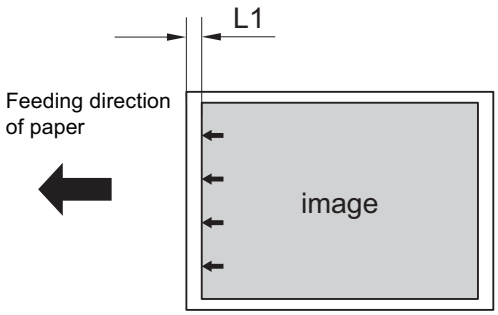
□

3. **Write the new adjustment value on the service label.**
   - ADJ-MFRE

● Leading Edge Margin Adjustment (1st side)

□

1. **Perform a test print from Cassette 1, and confirm that the leading margin is L1 = 4.0 + 1.5/-1.0 mm.**



＜ In Case of Out of Range ＞

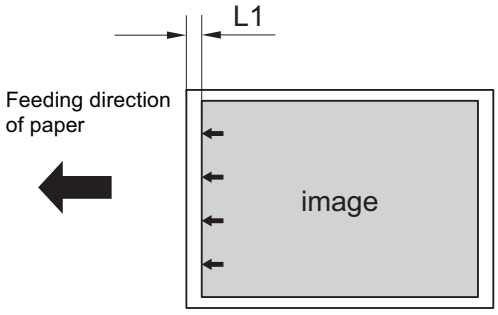
□

2. **Change the leading margin adjustment value for the 1st side of the Cassette 1.**
   Increasing the service mode value by 1 increases the leading margin by 0.1 mm.
   COPIER > ADJUST > FEED-ADJ > REGIST
3. **Write the new adjustment value on the service label.**
   - REGIST

● Leading Edge Margin Adjustment (2nd Side)

□

1. **Perform a test print from Cassette 1(2-sided print), and confirm that the leading margin is L1 = 4.0 + 1.5/-1.0 mm.**



＜ In Case of Out of Range ＞

□

2. **Change the leading margin adjustment value for the 2nd side of the Cassette 1.Increasing the service mode value by 1 increases the leading margin by 0.1 mm.**
   COPIER > ADJUST > FEED-ADJ > REG-DUP1
3. **Write the new adjustment value on the service label.**
   - REG-DUP1

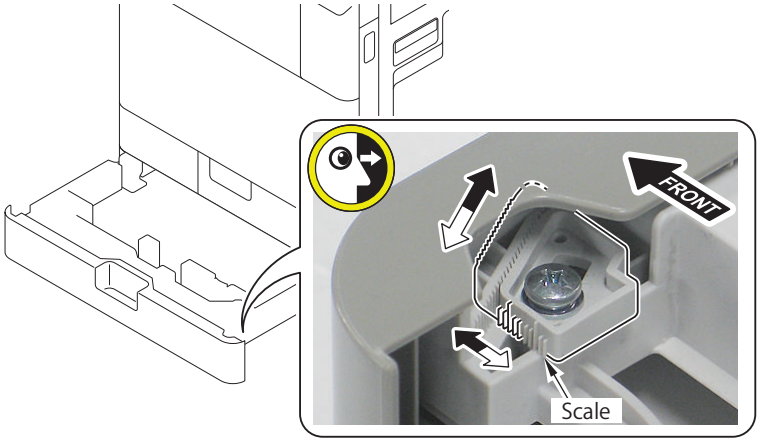
● Cassette Pedestal

<When installing the Cassette Pedestal at the same time>
Proceed the next step "Manual Adjustment" and "Adjustment Procedure (service mode)".

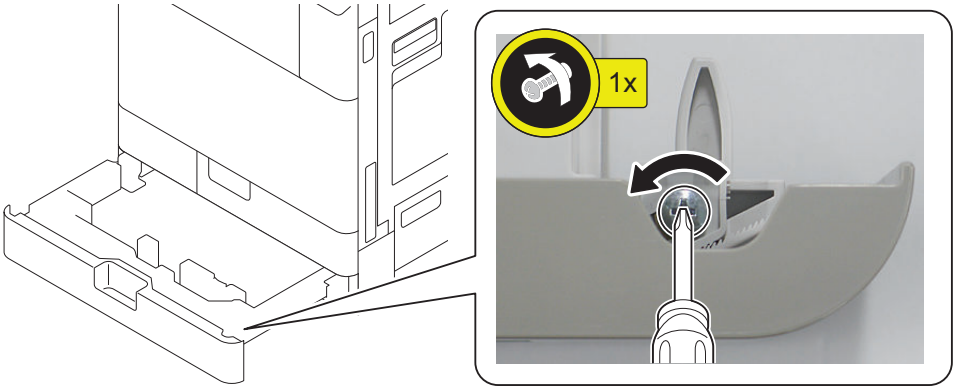
<When installing only the Host Machine>
“Image Position Adjustment (Single Pass ADF)” on page 70

Manual Adjustment

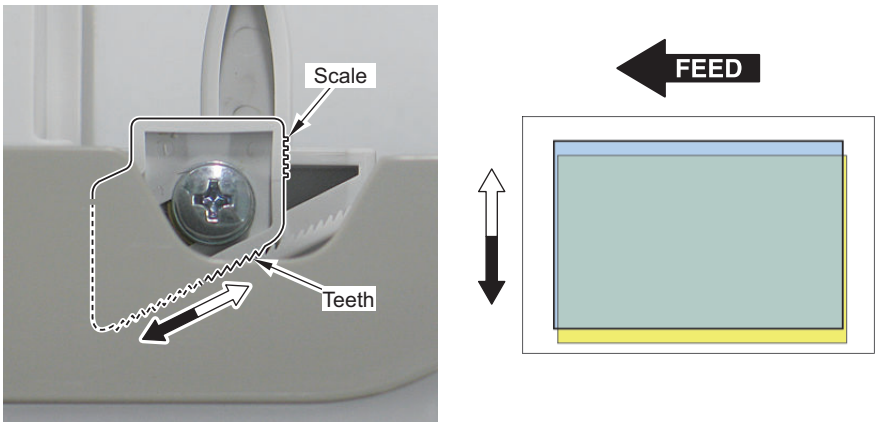
1. **Pull out the Cassettes.**
2. **Check the value of the scale on the Adjustment Plate.**



3. **Loosen the fixation screw.**

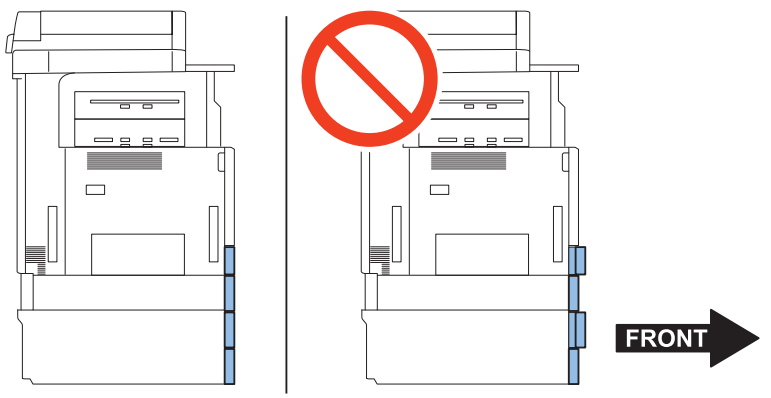


4. **Move the Adjustment Plate left or right according to the scale value checked in step 2 (as the Adjustment Plate is moved toward the left on the machine by 1 tooth, the left edge margin is increased by 0.5mm).**

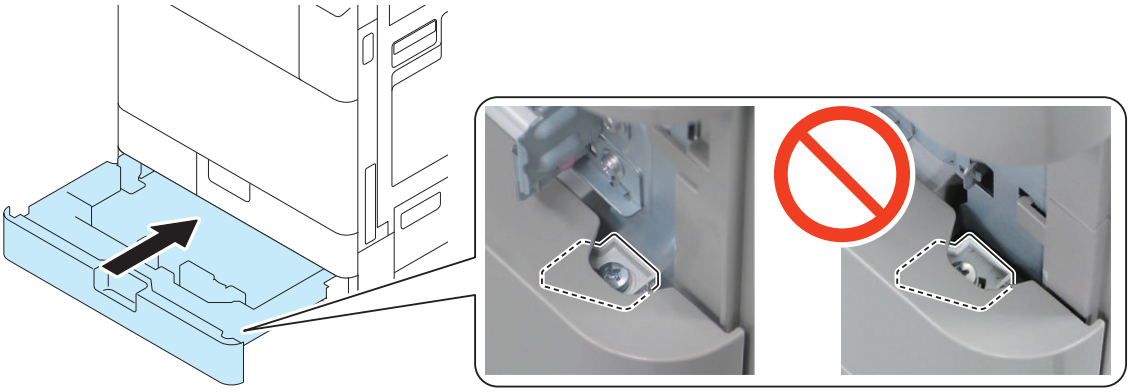


5. **Tighten the fixation screw.**

NOTE:
- A step may occur between the cassette when the adjustment plate is moved.
- Loosen the 2 screws to adjust the step on both side of the cassette front cover.



6. **Pull out the next upper cassette, and check that the Adjustment Plate is correctly pushed against the frame.**



CAUTION:
- If the Adjustment Plate is not correctly pushed against the frame, image cannot be correctly adjusted.
- When checking with the Cassette 3, the cassette front cover must be removed.

7. **Check that the margin is within the standard values.**

Adjustment Procedure (service mode)

Adjust the service values on the following service mode.

1. **<Leading Edge>**

   COPIER > ADJUST > FEED-ADJ > REGIST : 1/1 speed, front side
   COPIER > ADJUST > FEED-ADJ > REG-DUP1 : 1/1 speed, back side
   COPIER > ADJUST > FEED-ADJ > REG-THCK : 1/2 speed, front side
   COPIER > ADJUST > FEED-ADJ > REG-DUP2 : 1/2 speed, back side
   Leading edge margin is increased or decreased 0.1mm by 1 setting value.

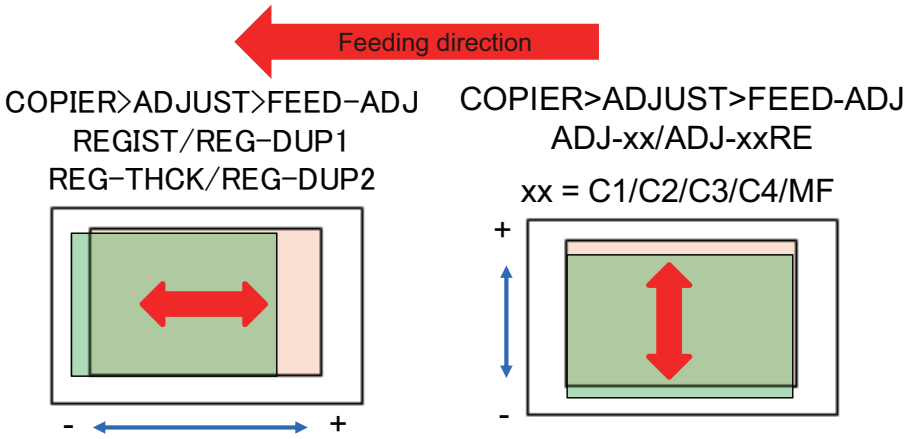
2. **<Left Edge>**

   COPIER > ADJUST > FEED-ADJ > ADJ-C1/C2/C3/C4/MF : front side
   COPIER > ADJUST > FEED-ADJ > ADJ-C1RE/C2RE/C3RE/C4RE/MFRE : back side
   Left edge margin is increased or decreased 0.1mm by 1 setting value.

3. **When the service setting values is adjusted, write the replaced service setting values on the service label .**

Reference: Standard value

Leading edge: 4.0+1.5/-1.0mm(front side, back side)
Left edge: 2.5±1.5mm(front side) / 2.5±2.0mm(back side)



■ Image Position Adjustment (Single Pass ADF)

● Checking the Skew

Check the image at ADF stream reading with using the "Test Charts for Image Position Adjustment". If any adjustments have been made, perform all of the following "Adjustment Procedure". If it is confirmed that there is no problem, proceed to "Network Connectivity Check".

1. Adjustment of the White Plate
2. Height Adjustment
3. Light intensity adjustment
4. Automatic Adjustment of the Stream Reading Position (Automatic Adjustment of the Reading Position at ADF Reading)
5. White Level Adjustment
6. Front/Back Side Difference Correction Adjustment

NOTE:
Even if the above adjustment is performed, if a fixed skew or image shift occurs, the image is manually adjusted according to the state of the printed image

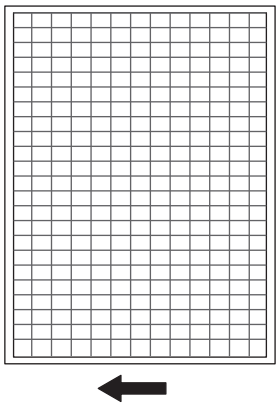
- Adjustment of leading edge margin of the scanned image for the corrected image Amount of Change per:0.1mm
  FEEDER > ADJUST > ADJ-T1 (front side)
  FEEDER > ADJUST > ADJ-T2 (back side)
- Adjustment of the left edge margin of the scanned image for the corrected image Amount of Change per:0.1mm
  FEEDER > ADJUST > ADJ-L1 (front side)
  FEEDER > ADJUST > ADJ-L2 (back side)
- Angle correction of the corrected image Amount of Change per:0.01 degree
  FEEDER > ADJUST > ADJ-ROT1 (front side)
  FEEDER > ADJUST > ADJ-ROT2 (back side)
- Parallelogram correction amount for corrected image Amount of Change per:0.01 degree
  FEEDER > ADJUST > ADJ-PAR1 (front side)
  FEEDER > ADJUST > ADJ-PAR2 (back side)

Refer to the following Service Manual

- Adjustment > Original Feed System (Single Pass ADF) > Skew Adjustment (at Stream Scanning of Originals)

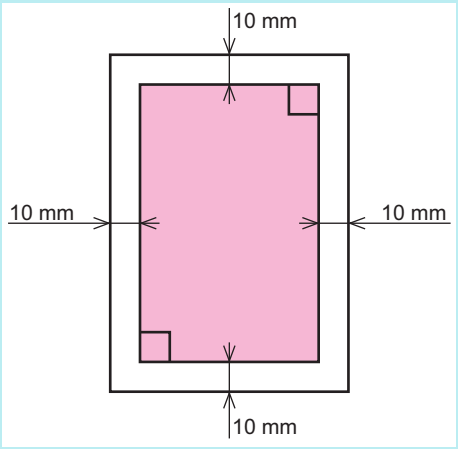
Creating the Test Charts for Image Position Adjustment

CAUTION:
Create the test charts for image position adjustment after completing adjustments on the printer side.



1. **After setting the service modes as follows, press the Start key to output the test chart.**
   - COPIER > TEST > PG > TYPE = 6
   - COPIER > TEST > PG > PG-PICK = To set the Pickup Cassette for test print output.

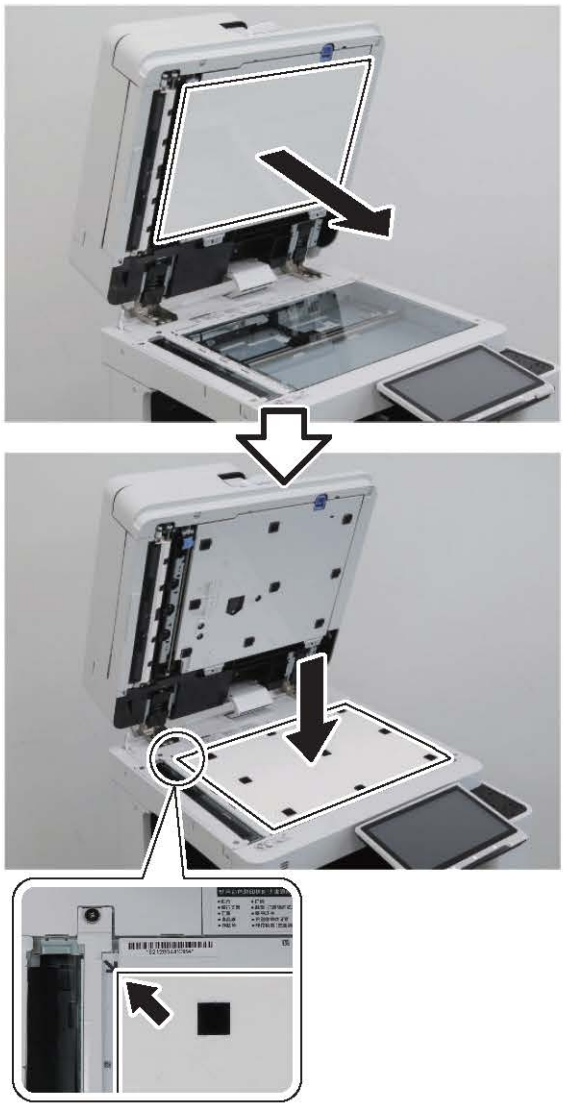
NOTE:
- If the specified test chart cannot be output, draw a test chart on A3 or LDR paper with a rectangle whose four corners are 10 mm smaller than the paper.
- To draw characters and marks so that you can see the direction of the copied image.



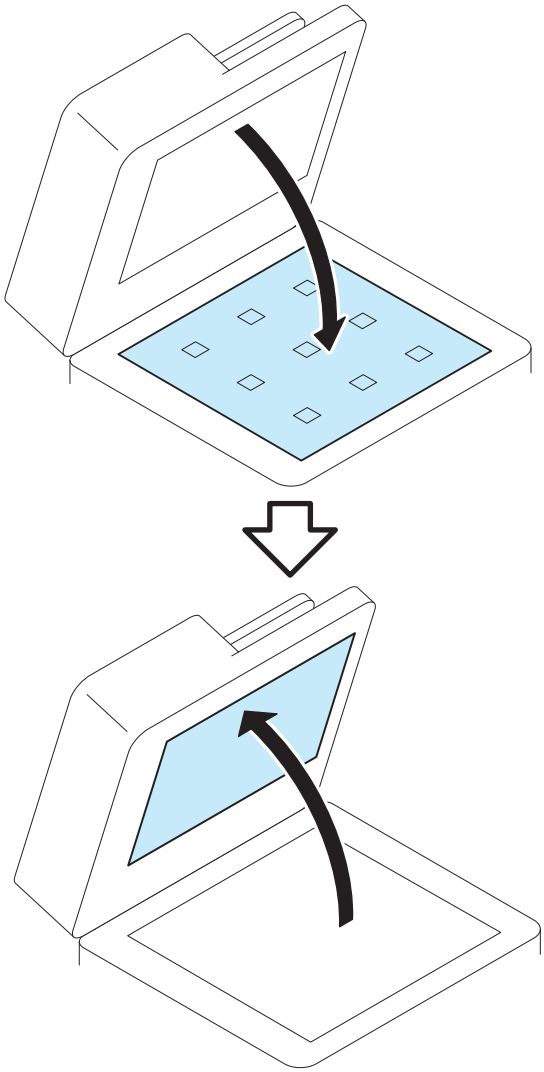
Adjustment of the White Plate

☐

1.

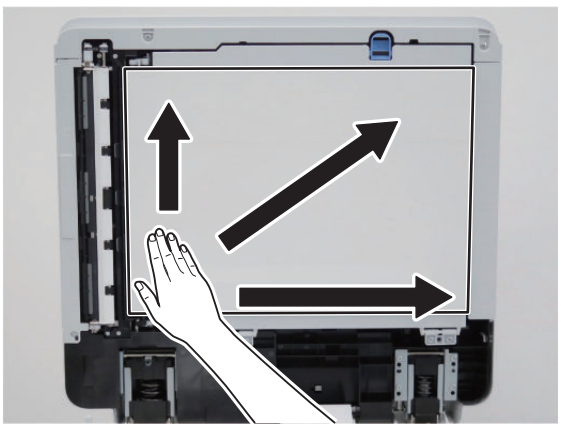


□
2.



□
3.

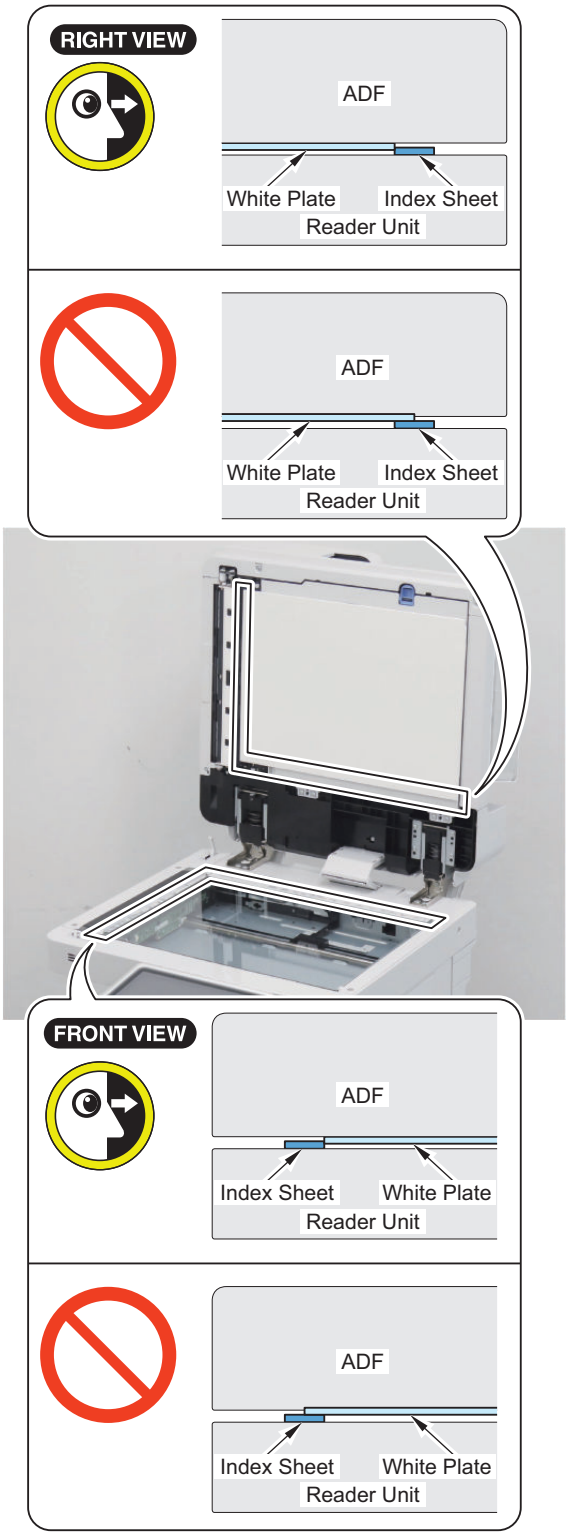
CAUTION:
If the White Plate is pressed downward, it is placed on the Index Sheet, so be sure to press it upward.



□

4.

NOTE:
- Be sure that there is no gap (for reference, 0.3 mm or less) between the White Plate and the Index Sheet.
- Check that the White Plate is not placed on the Index Sheet.



Checking the Height

Height Check Sheet Preparation or Creation

1. **Prepare the check sheet used for height adjustment.**

Height check sheet

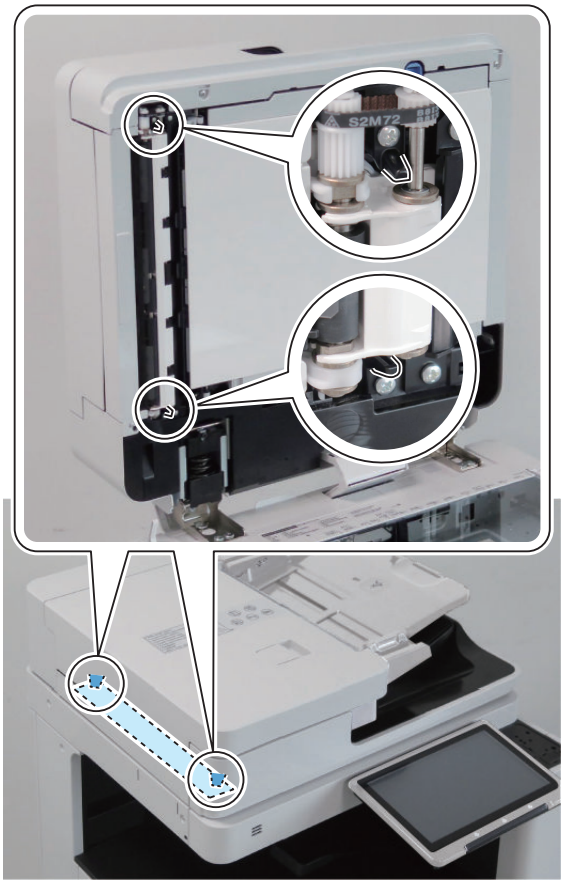
NOTE:
Points to Note when Creating the Check Sheet
- Output with A4 (paper size) or LTR (paper size).
- Use plain paper 1 to 3 (64 to 105 g/m^2) (Paper Type).

Height Adjustment

Checking the Height

☐

1. Check that the 2 Height Adjustment Bosses at the left front side and the left rear side are in contact with the Stream Reading Glass.



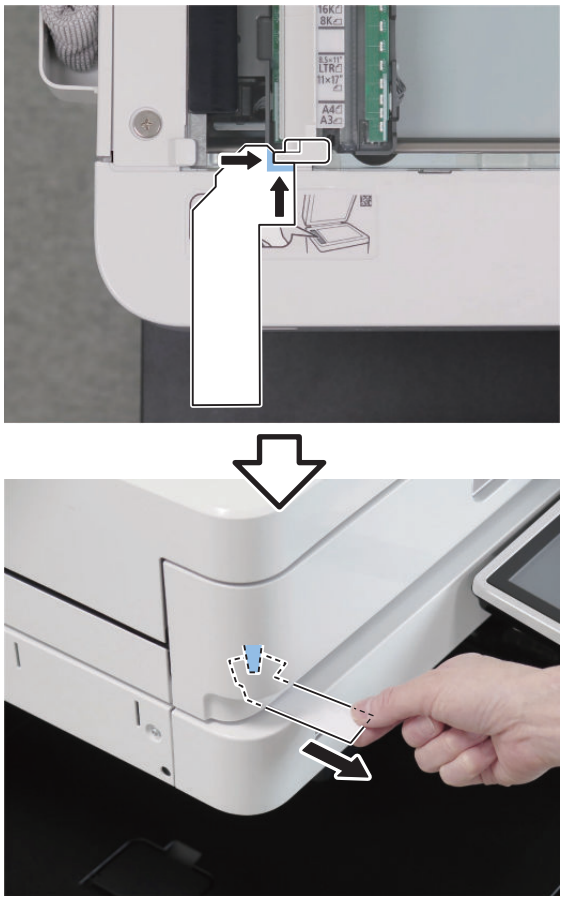
2. If they are not in contact, perform the height adjustment.
   If it cannot be visually checked, perform "Checking the Height of the Height Adjustment Boss".

Checking the Height of the Height Adjustment Boss

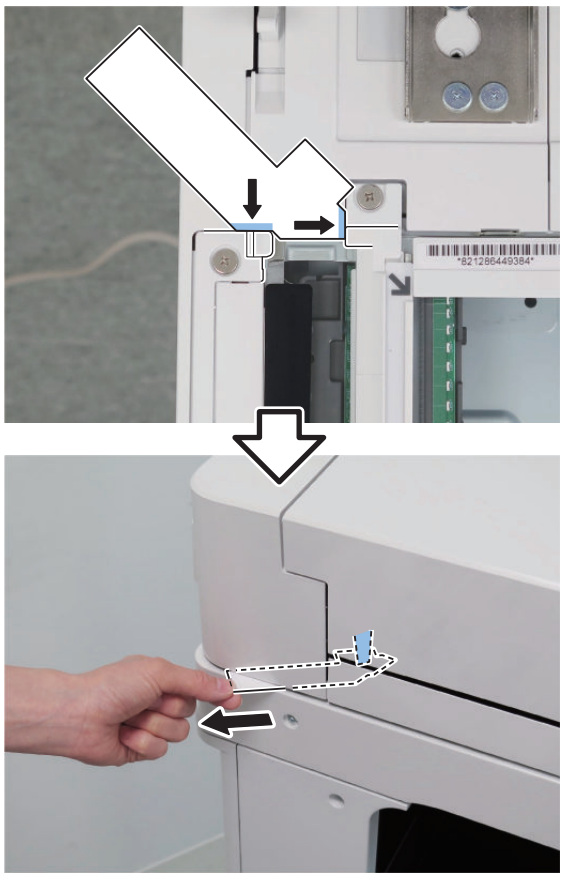
☐

1. Put a sheet of paper on the place where the protrusions touch the Stream Reading Glass, and check whether there is any resistance of the paper when closing the ADF.

<The Left Front Side>



<The Left Rear Side>



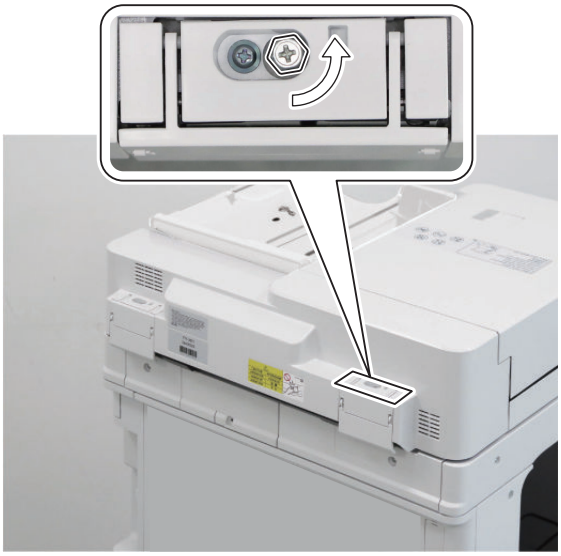
2. If there is no resistance, perform the height adjustment.

Height Adjustment Procedure

☐

1. Adjust by turning the Fixation Screw on the upper side of Hinge.
   - If both front and rear side (or only front side) are not installed properly: Turn the Right Hinge Fixation Screw clockwise (black arrow) to correctly locate it at the front.

   - If the rear side is not installed properly: Turn the Left Hinge Fixation Screw counterclockwise (white arrow).



2. Open th ADF fully and close the ADF and then, Check the height again and see if it is at an appropriate height.

Light intensity adjustment

NOTE:
- This mode automatically performs adjustment.
- If "NG" is displayed after executing this mode, check that PCB and each connector are properly connected.

☐

1. **Execute the following service mode with the ADF closed.**
   COPIER >FUNCTION >CCD > LMPADJ

Automatic Adjustment of the Stream Reading Position (Automatic Adjustment of the Reading Position at ADF Reading)

NOTE:
- If the DADF is opened during adjustment, restart the adjustment.
- Enter the value after adjustment on the Service Label (on the back of the Reader Front Cover or Printer Front Cover). The adjustment result is reflected to COPIER > ADJUST > ADJ-XY > STRD-POS.

□

1. **Execute the following service mode.**
   COPIER > FUNCTION > INSTALL > STRD-POS

NOTE:
If "NG" is displayed after executing this mode, execute "Right Angle Adjustment (Slant Adjustment)" on the service manual.

White Level Adjustment

□

1. Place a sheet of blank A4 or LTR size paper on the Copyboard Glass and close the ADF.

CAUTION:
When executing the white level adjustment using paper with smaller width, adjustment may not be executed properly.

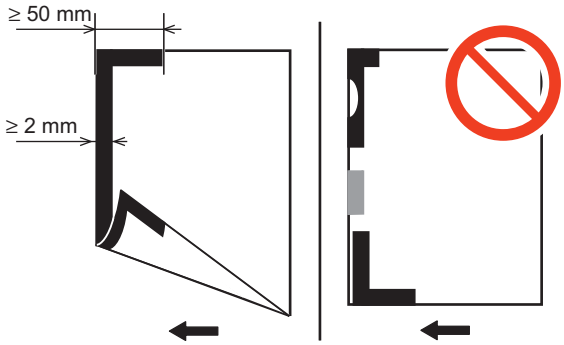
2. Execute the service mode item.
   COPIER > FUNCTION > CCD > DF-WLVL1
3. Remove the blank paper from the Copyboard Glass, and place it on the Document Pickup Tray of ADF.
4. Execute the service mode item.
   COPIER > FUNCTION > CCD >DF-WLVL2
5. Place the blank paper on the Copyboard Glass again and close the ADF.
6. Execute the service mode item.
   COPIER > FUNCTION > CCD > DF-WLVL3
7. Remove the blank paper from the Copy Board Glass, and place it on the Document Pickup Tray of ADF.
8. Execute the service mode item.
   COPIER > FUNCTION > CCD > DF-WLVL4

Front/Back Side Difference Correction Adjustment

Automatic Front/Back Side Difference Correction Adjustment

NOTE:
If the chart in the following state is used, skew detection may not be possible and correction may not be possible.
- The painted part is not long enough.
- The painted part is chipped.
- The color is light.
- The edges are not painted.
- Broken/torn/chipped.
- Translucent, thin paper manuscript is used.
- The area painted black is not dry enough.

1. **Use a chart of a service parts of a Automatic Front/Back Side Difference Correction Adjustment, or using A4 or LTR paper, the leading edge and the side edge of the front/back side in the feeding direction are painted black with magic, and a chart for Automatic Front/Back Side Difference Correction Adjustment is prepared.**



2. **Set the value of the service mode to "0" below.**
   - FEEDER > ADJUST > ADJ-T2/L2/ROT2 = 0

NOTE:
- The ADJ-T2/L2/ROT2 is an item for manually fine-adjusting the skew in the case that a deviation remains in the position of the back image to which the skew is automatically corrected after the Automatic Front/Back Side Difference Correction Adjustment.
- "0" is the value at the time of shipment from the factory. By resetting to the initial state, there is no unintended deviation due to manual correction with respect to the back surface image in which skew correction is automatically performed, so that a constant accuracy is guaranteed.

3. **Set the document tray so that the black-painted portion becomes the leading edge in the feeding direction.**
4. **Automatic Front/Back Side Difference Correction Adjustment is performed in the following service mode.**
   - FEEDER > FUNCTION > ADJ-SKW

NOTE:
If "NG" is displayed after executing this mode, execute "Right Angle Adjustment (Slant Adjustment)" on the service manual.

5. **Write the adjusted values below on the service label.**
   - FEEDER > ADJUST > ADJ-DT
   - FEEDER > ADJUST > ADJ-DL
   - FEEDER > ADJUST > ADJ-DROT

■ Checking the Full Detection Switch

When the paper output options will be installed after the Host Machine is installed, change the setting value from 1 to 0 to valid Full Detection Switch in the following service mode (Lv.2).
- COPIER > OPTION > FNC-SW(LVL2) > TRYFLOFF

■ Checking Network Connection

● Overview

If the user network environment is TCP/IP, use Ping function to check that the network setting is properly executed.
If the user network environment is IPX/SPX or Apple Talk, skip this procedure.

● Network Setting

CAUTION:
Use the network cable of rank 5e or higher. In addition, use of shield type (STP cable) is recommended. When non-shield type (UTP cable) is used, the surrounding electronic equipments may be interfered via the network cable.

1. **Turn OFF the main power switch.**

2. **Connect the network cable to the host machine and turn ON the main power switch.**
3. **Inform the system administrator at the installation site that the installation of the host machine is complete, and ask for network connection of the host machine.**

NOTE:
Network setting cannot be executed unless logging in as an administrator.
Factory default password is as follows.
- System administration division ID: Administrator
- System administration password: 7654321

CAUTION:
Following setting needs to be ON to perform network setting:
- [Settings/Registration] > [Preferences] > [Network] > [Confirm Network Connection Set. Changes]
- [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [Use IPv4]

4. **Turn OFF the main power switch.**
5. **Turn ON the main power switch.**

● Ping Operation Procedure

1. **Select [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [PING Command].**
2. **Enter IP address with numeric keypad on the control panel and press "Start" key. "Response from the host" is displayed if Ping operation is successful. "No response from the host" is displayed if Ping operation fails.**

● Checking with Remote Host Address

You can check whether the network is connected or not by using remote host address to execute Ping.
Remote host address: IP address of PC terminal that is connected to/works with TCP/IP network environment, which connects to this host machine.

1. **Inform the system administrator to execute checking of network connection using Ping.**
2. **Check the remote host address with the system administrator.**
3. **Enter the remote host address to PING.**
   - "Response from the host": The machine is properly connected to the network.
   - "No response from the host": Execute the following troubleshooting because the machine is not connected to the network.

■ Troubleshooting of Network

● Checking Connection of the Network Cable

To check whether the network cable is properly connected to the LAN Port.

● Ping Operation Procedure

1. **Ask the network administrator at the user's site to note the IP address of the PC that is connected to the network.**
2. **Select: [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [PING Command], and enter the IP address of PC, and then press "Execute" key.**
   - If the display shows "Response from the host", the network connection is properly functioning.
   - If the display shows "No response from the host", go to the next step for another checking.

● Checking Network Setting of the Host Machine

Check if the IP address specified on the host machine is correct.

1. **Select the following: [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [IP Address Settings], and note the IP address in the IP Address field.**

2. **Select the following: [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [PING Command], and enter the IP address.**
   - If the display shows "Response from the host", the IP address specified on the host machine is correct.
   - If the display shows "No response from the host", go to the next step for another checking.

NOTE:
When entering an address by manual operation, set the Subnet Mask according to the instructions of the user administrator.

● Checking Network Function on the Main Controller

Check with the loopback address:

1. **Select: [Settings/Registration] > [Preferences] > [Network] > [TCP/IP Settings] > [IPv4 Settings] > [PING Command], and enter the IP address "127.0.0.1" with the numeric keypad and press the Execute key.**
   - If the display shows "Response from the host", the network of the main controller is properly functioning.
   - If the display shows "No response from the host", the network function of the main controller is faulty.
2. **Replace with a main controller that works properly, and the check connection.**

■ Installing IC Card Reader

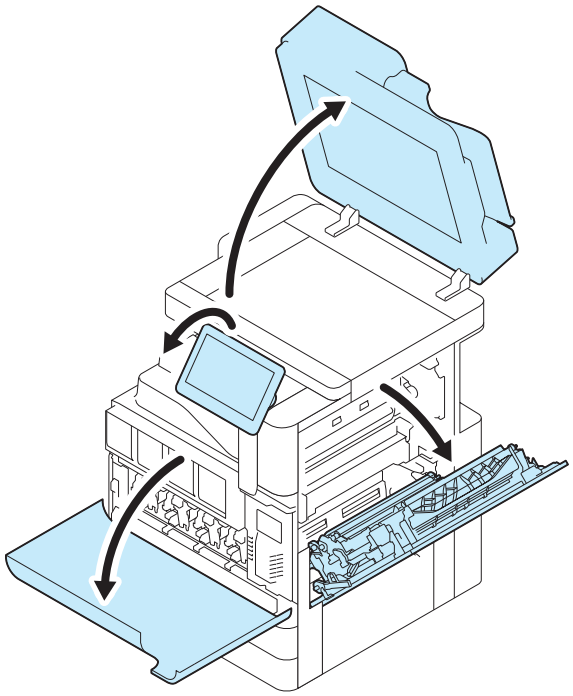
● Removing the Covers

□

1. **Turn OFF the Main Power Supply Switch of the Main machine.**

□

2.



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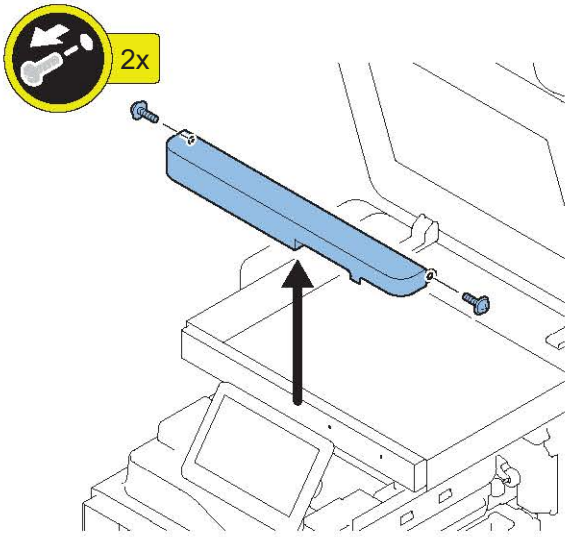
3.



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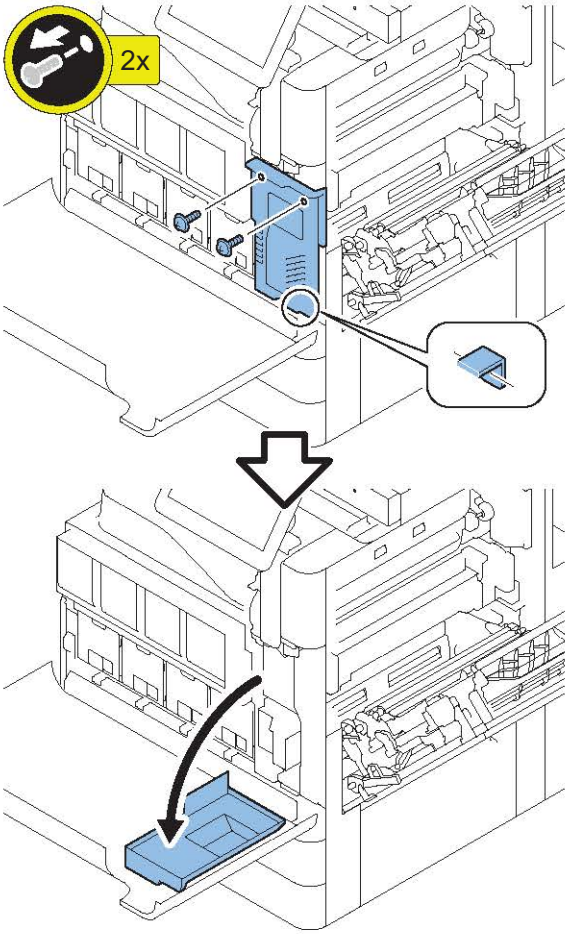
4.



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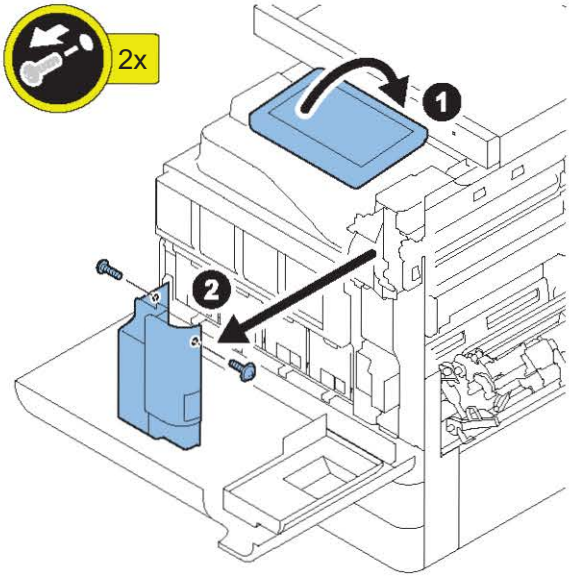
5.



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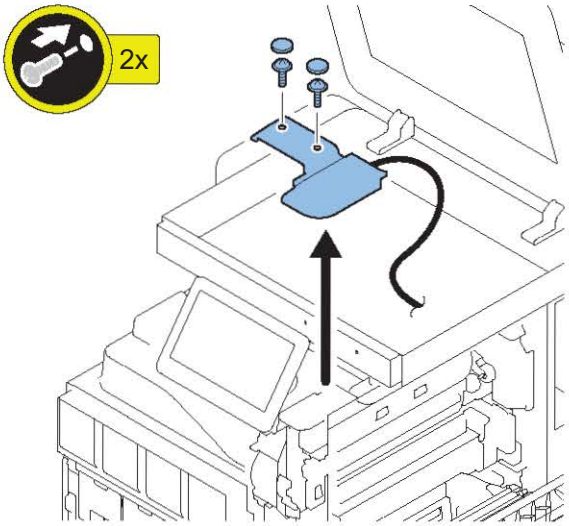
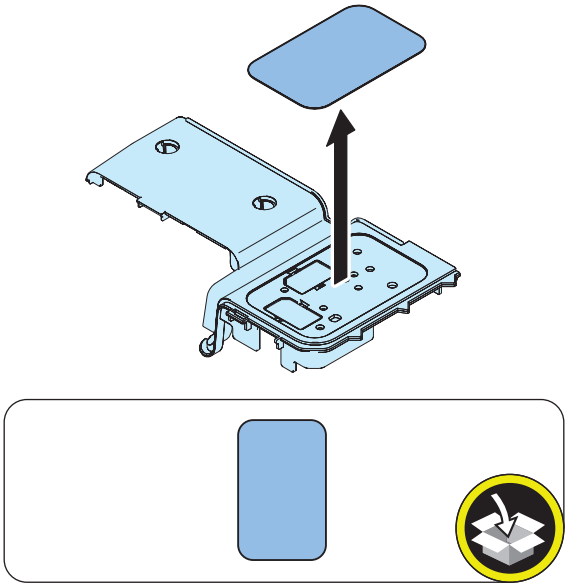
6.



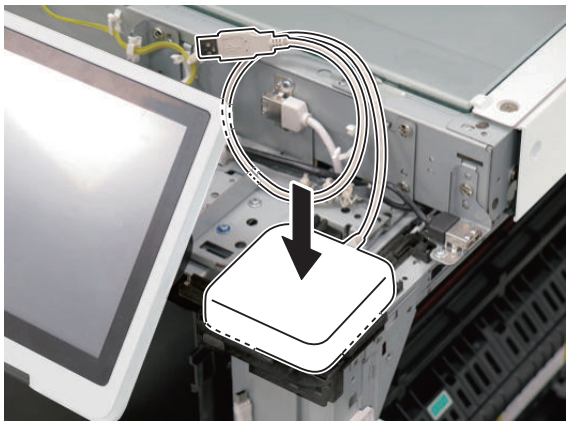
□
7.

CAUTION:
- Do not cleaning the surface with alcohol after removing the sheet.
- If any glue remains in the peeled Surface, remove it with the peeled sheet.



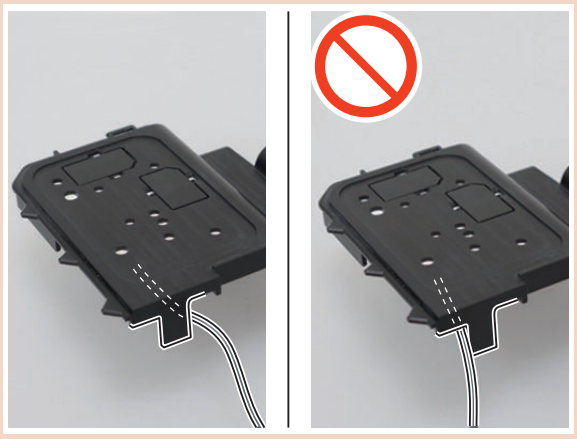
• Installation of IC Card Reader

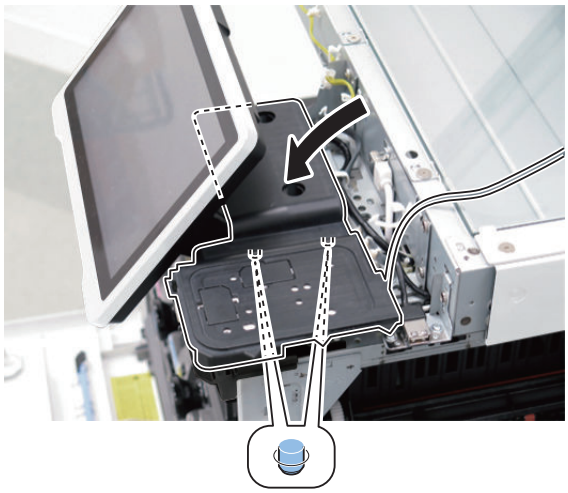
□
1.



□
2.

CAUTION:
Do not pinch the Cable when mounting the cover.





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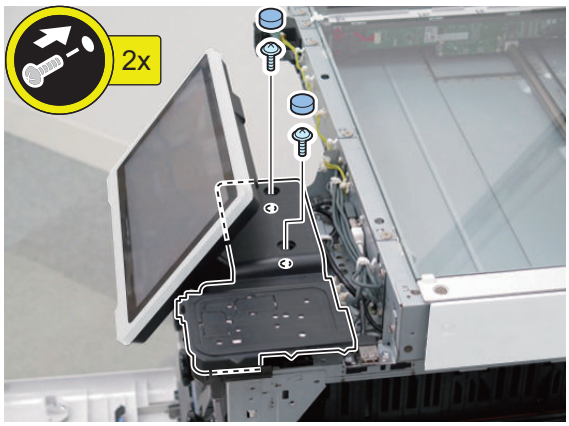
3.



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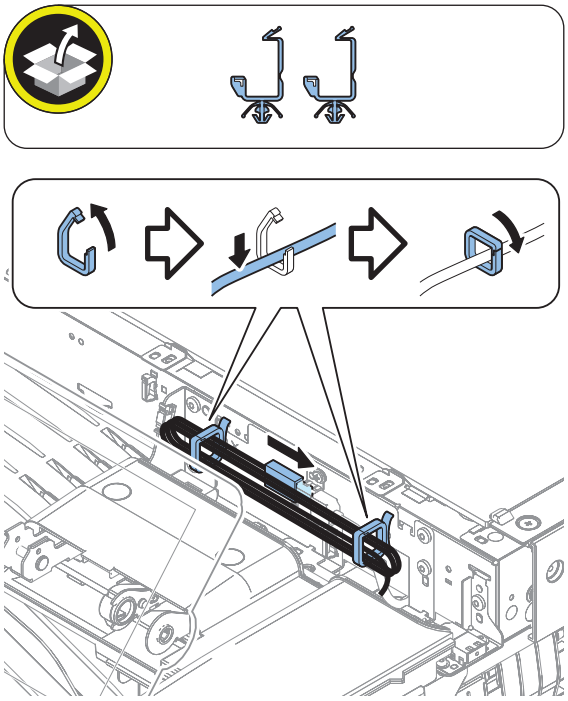
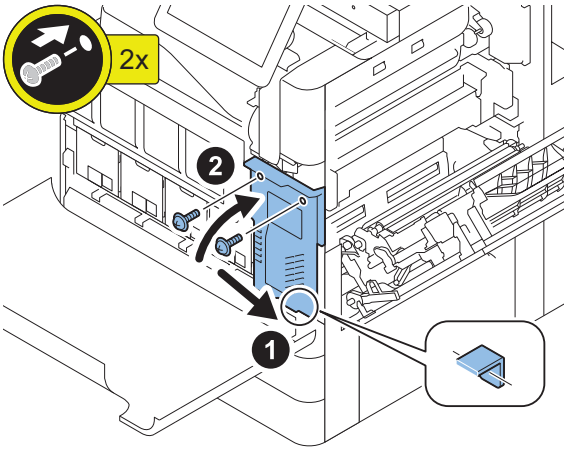
4.



- **Installing the Covers**

□
1.



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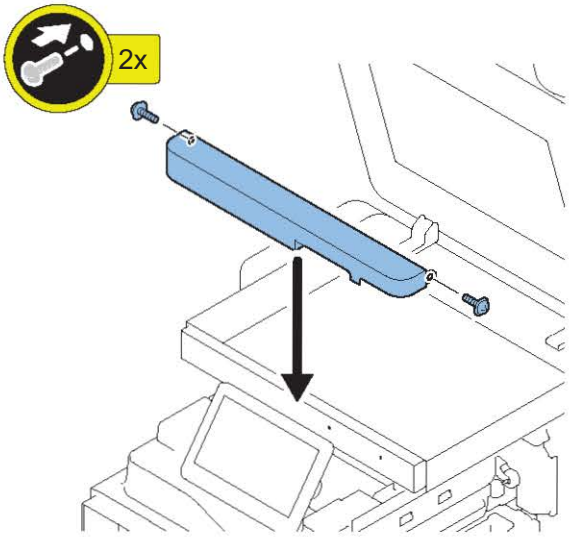

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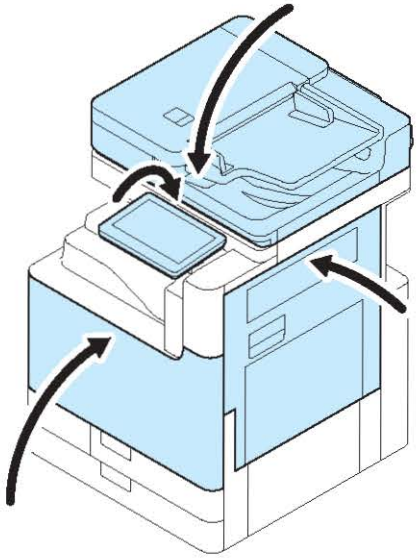
3.



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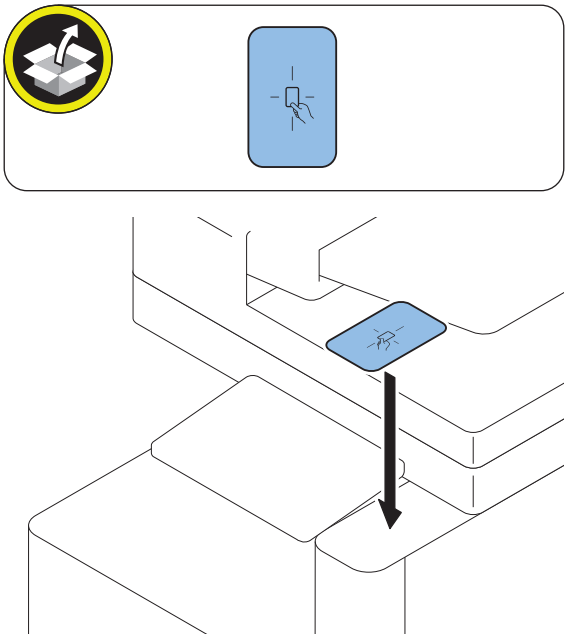
4.



□

5.

Connect the power plug to the outlet.
Turn ON the main power switch.

■ Operation when using uniFLOW Online

When using uniFLOW Online*, follow the setup procedures on the uniFLOW* Online First Steps Guide (http://www.nt-ware.com/uFO_FS).
* China version of "uniFLOW" is called "mdsFLOW".

■ Informing the System Administrator That Installation Is Complete

When the installation is completed, ask the system administrator to change the password and keep the changed password in a safe place to prevent leakage.

When Relocating the Machine

When relocating this machine by truck or by other means for some reasons after installing the machine, perform the following procedure.

CAUTION:
In case of relocating the machine while it is mounted on the Cassette Pedestal, be sure to check that the coin screw has been tightened securely before holding the grips of the machine to lift when, for example, passing over a difference in level of the floor. Holding the grips of the machine when lifting will result in separation of the machine from the Cassette Pedestal.

□

1. From the following service mode (Level 2), move the Scanner Unit to the position to secure.
COPIER > FUNCTION > MISC-R > RD-SHPOS

□

2. **Turn OFF the main power.**

☐

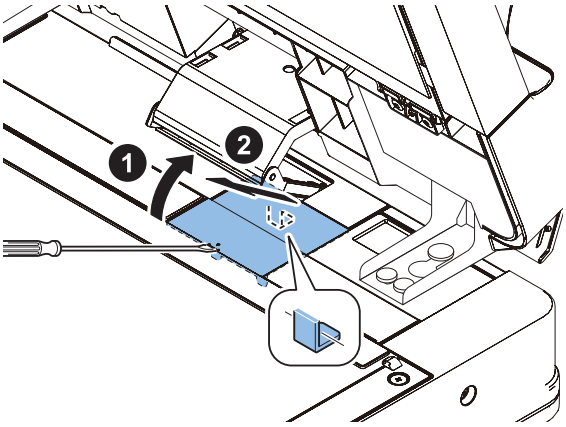
3. **Disconnect the power plug of the host machine.**

☐

4.

☐

5.



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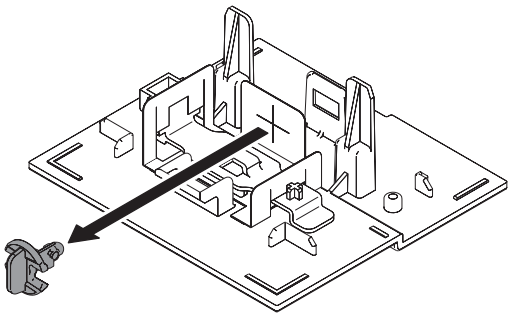
6.



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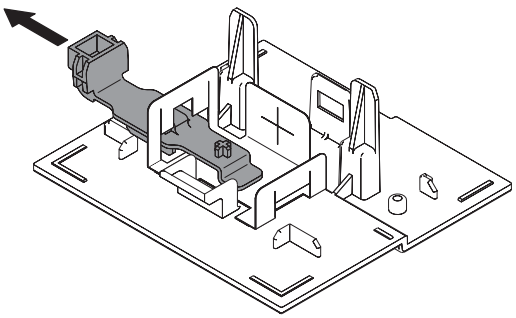
7.



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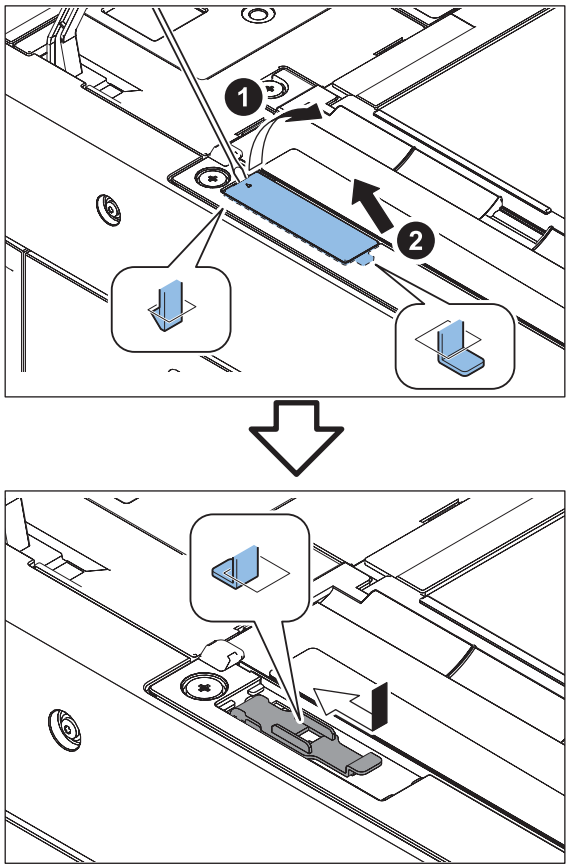
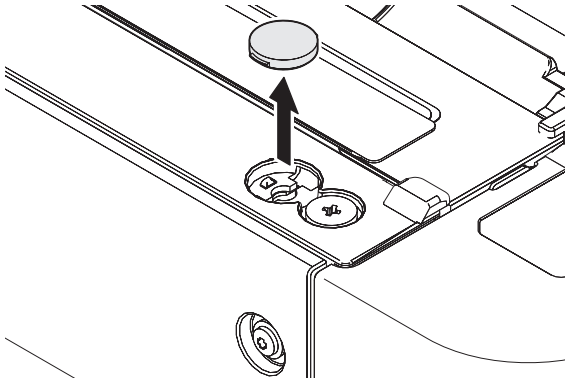
8. **If the Cassette Pedestal is installed, turn the 3 adjusters of the Cassette Pedestal with a screwdriver, etc. to lift them from the floor.**



☐

9.

NOTE:
Make sure to keep the Rubber Cap as it will be used again.



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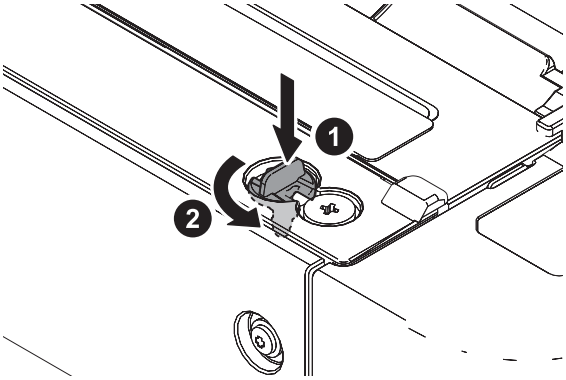
10.



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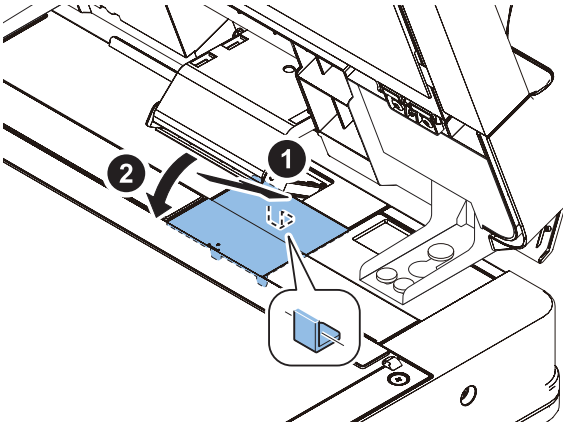
11.



☐

12.

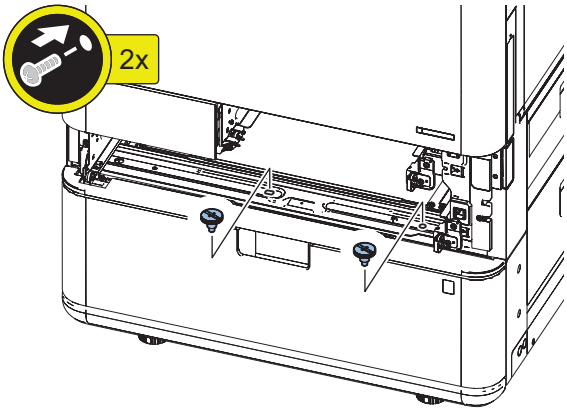
☐

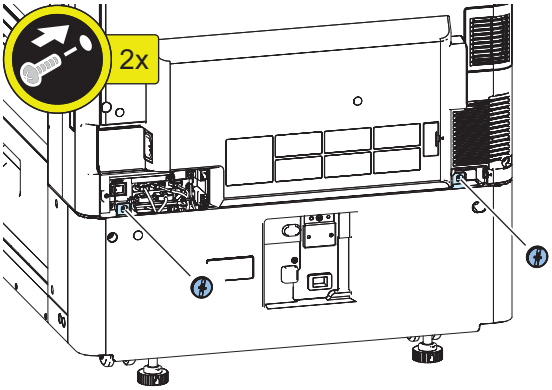
13. **Put a sheet of paper on the Copyboard Glass.**

☐

14. Securely tighten the coin screws of the host machine and the 2-cassette Pedestal.

CAUTION:
- When tightening the coin screws, pay attention to plates and parts around the screws.
- Be sure to check that the coin screws have been tightened securely.





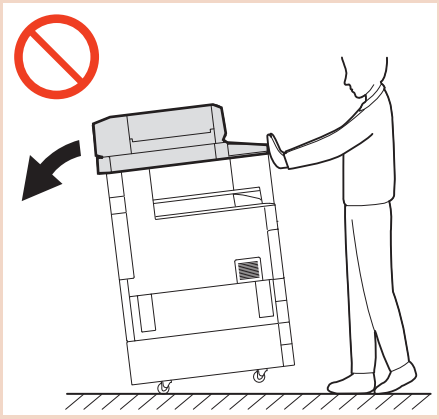
☐

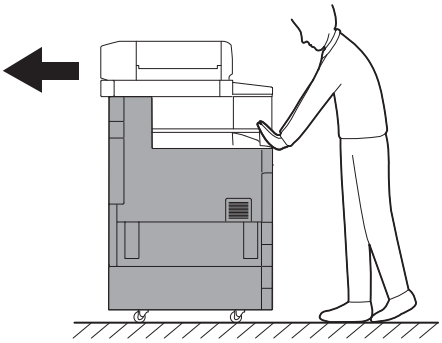
15. If the Cassette Pedestal is installed, turn the 4 adjusters of the Cassette Pedestal with a screwdriver, etc. to lift them from the floor.

□

16. When moving the machine, be sure to push the position indicated in the figure.

CAUTION:
Be sure not to push the upper side of the machine strongly from the front side, otherwise it can fall over. (Especially in the case of the carpet floor.)





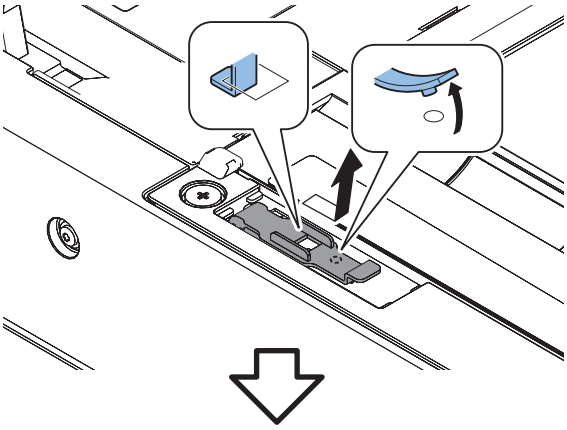
☐

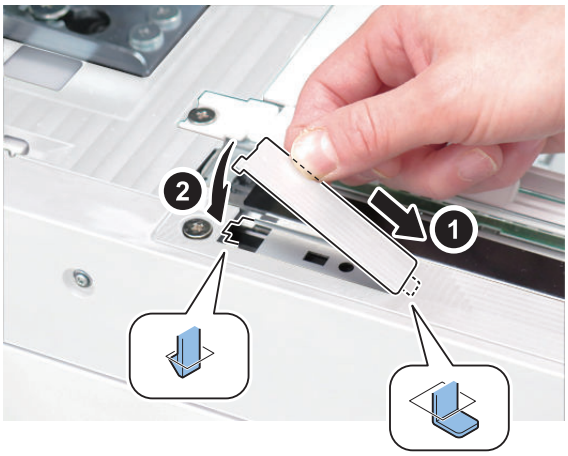
17. Perform the following work before turning ON the power.

1. Remove the paper on the Copyboard Glass.

2.

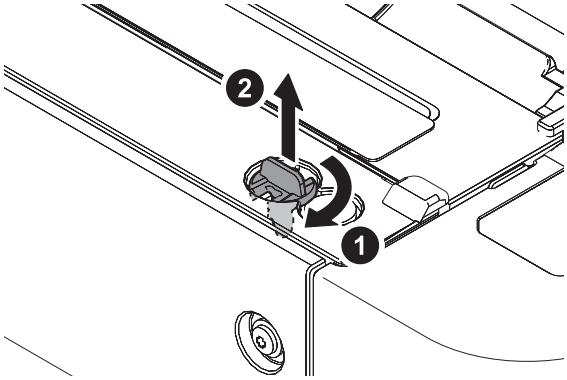
CAUTION:
Be sure to keep the Scanner System Fixation Member in a safe place for moving the machine.





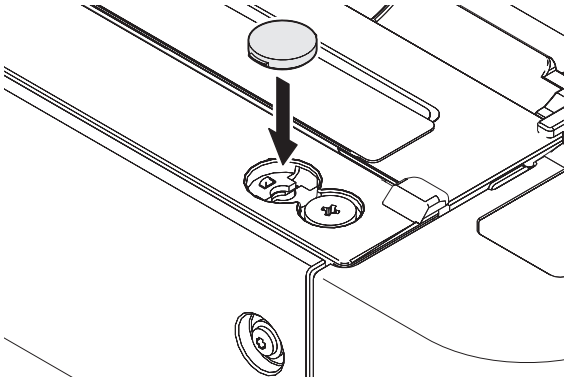
NOTE:
The removed Scanner System Fixation Member will be stored in step 6.

3.

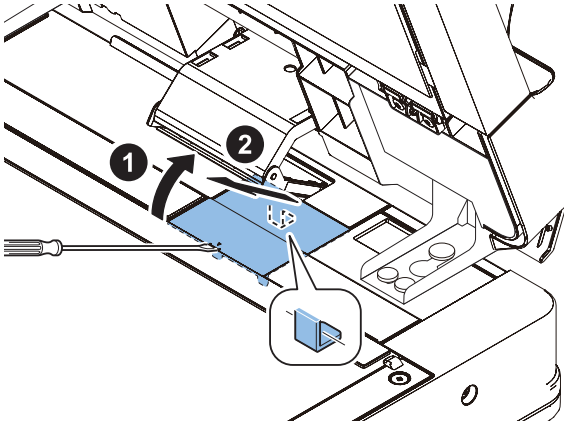


NOTE:
The removed Scanner System Fixation Member will be stored in step 7.

4.

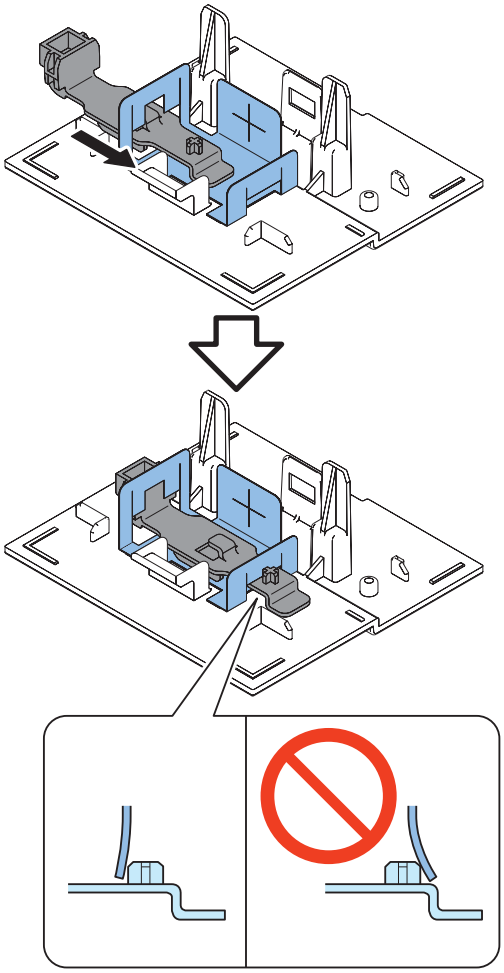


5.



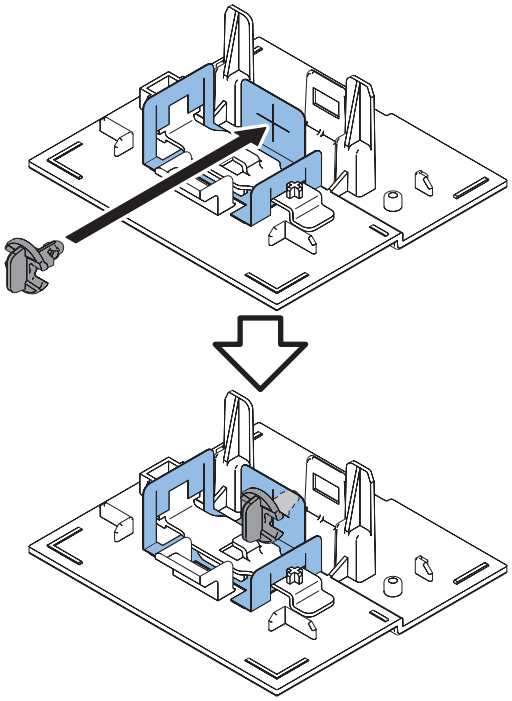
6.

NOTE:
Store the Scanner System Fixation Member removed in step 2 in the Cover removed in the previous step.

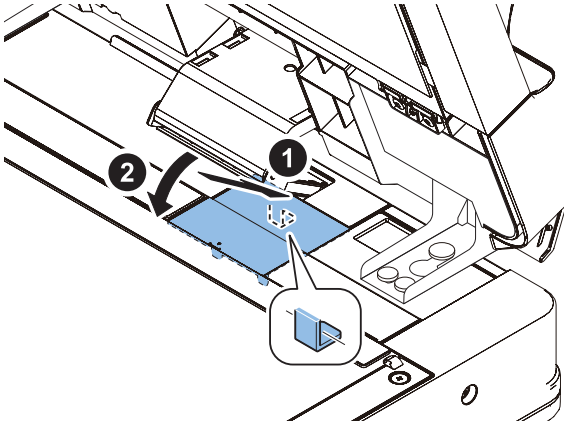


7.

NOTE:
Store the Scanner System Fixation Member removed in step 3.



8.



9.

10.

11. If the Cassette Pedestal is installed, turn the 3 adjusters of the Cassette Pedestal to fix it in place.

12. If the Cassette Pedestal is installed, securely tighten the coin screws of the host machine and the 2-cassette Pedestal.

CAUTION:
- Be careful not to damage nearby plates and parts when tightening the coin screws.
- Be sure to check that the coin screws have been tightened securely when moving the machine.

☐

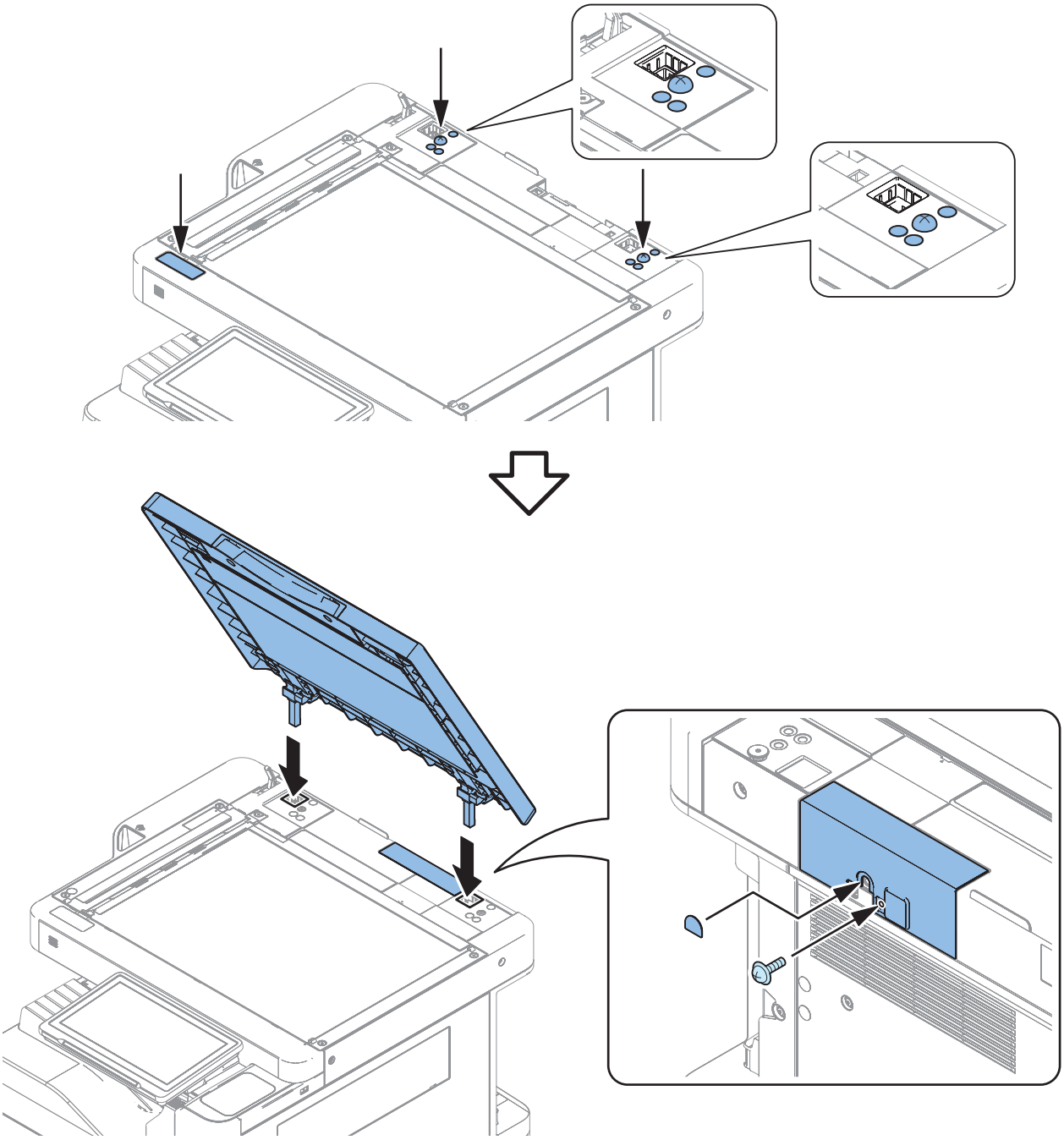
18. Check the operation that there is no abnormality in images after turning ON the power.

3 Image Reading System Options

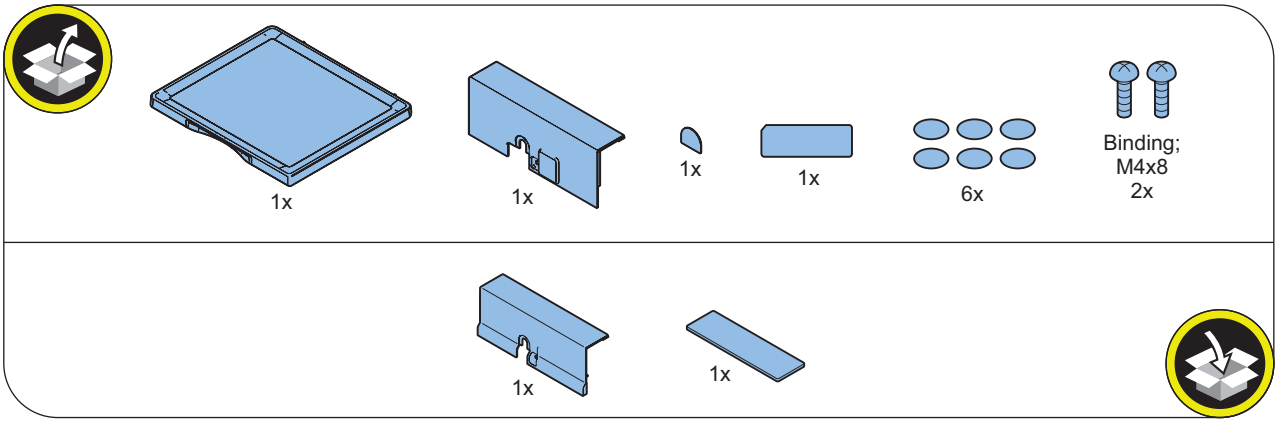
Platen Cover-Y3.....101
Printer Cover-M2 109
Reader Heater Unit-Q1..... 116

Platen Cover-Y3

Installation Outline Drawing



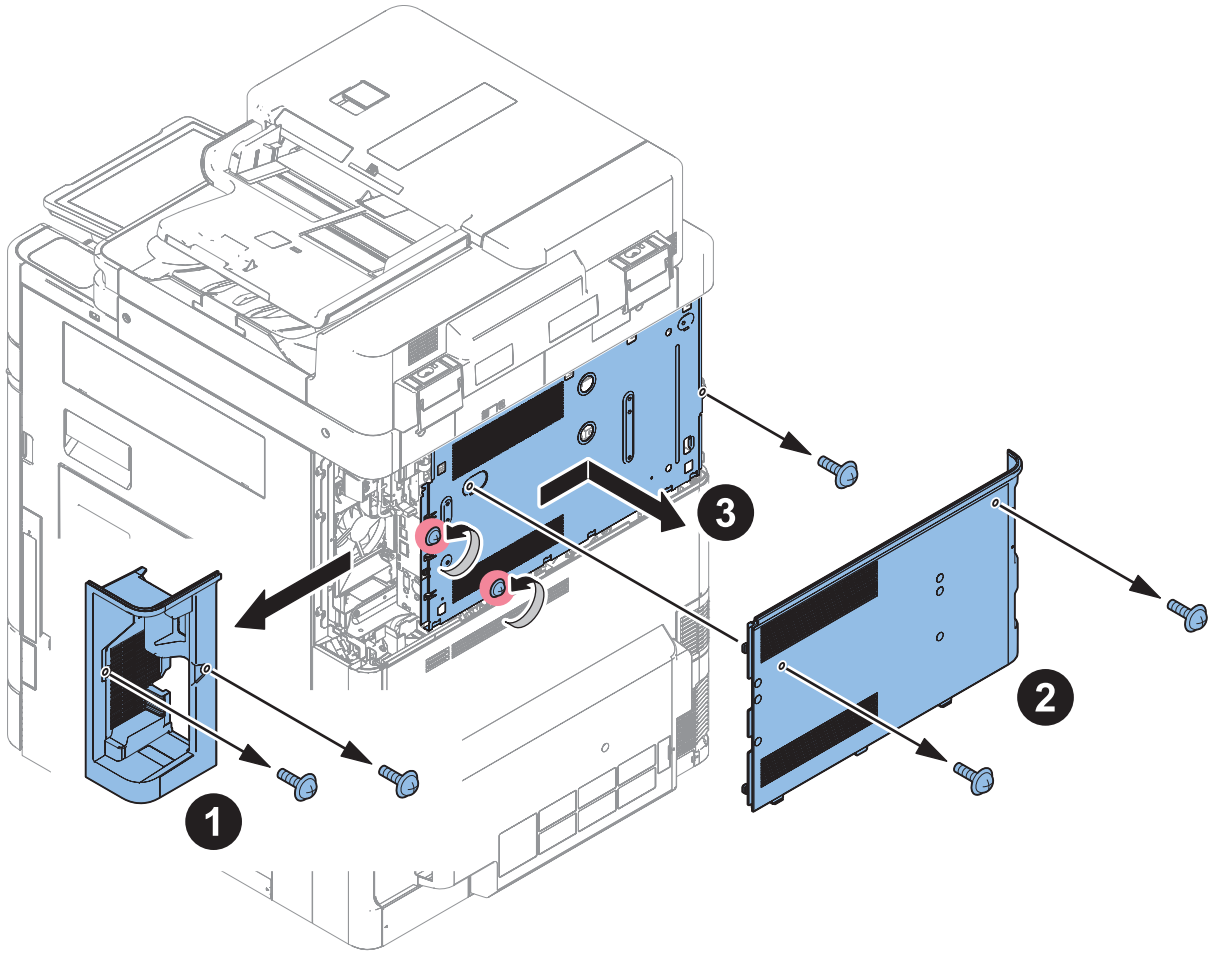
Checking the Contents



Installation Procedure

□

1.



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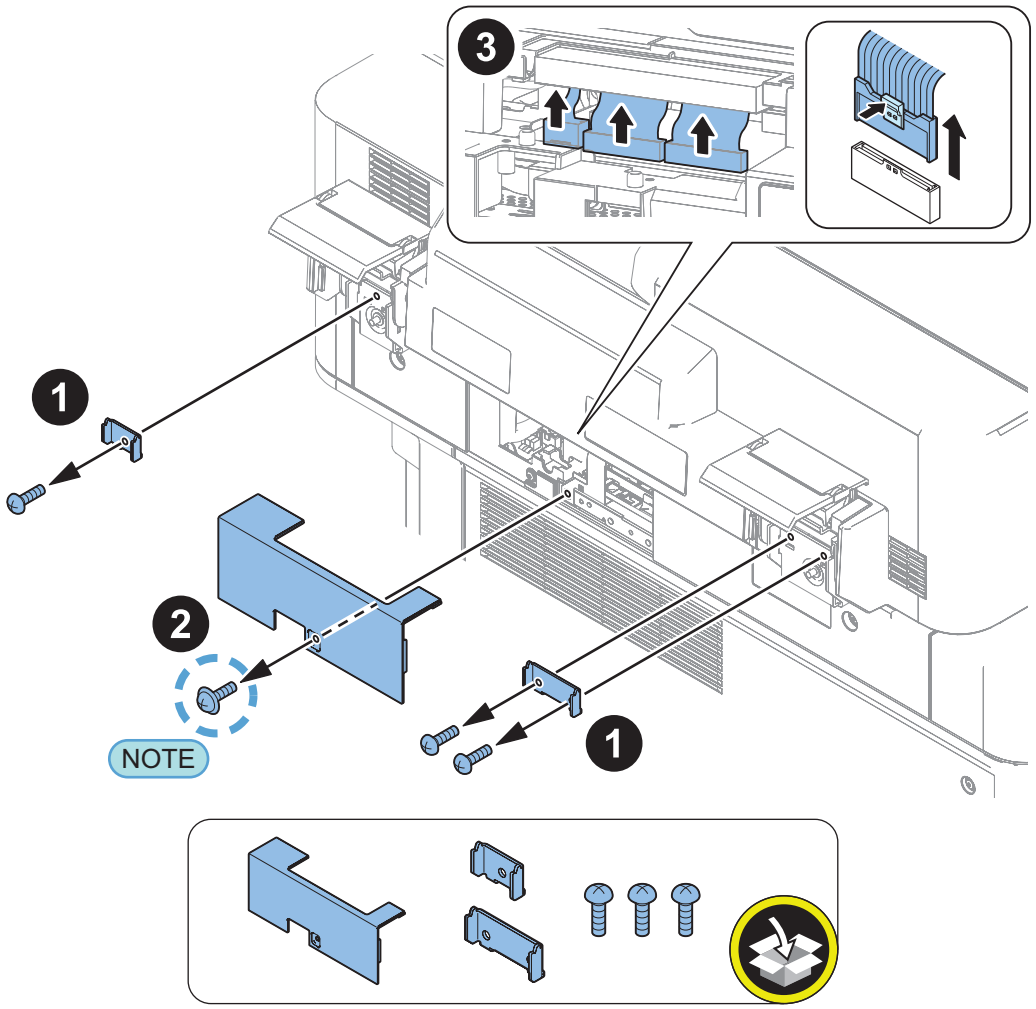
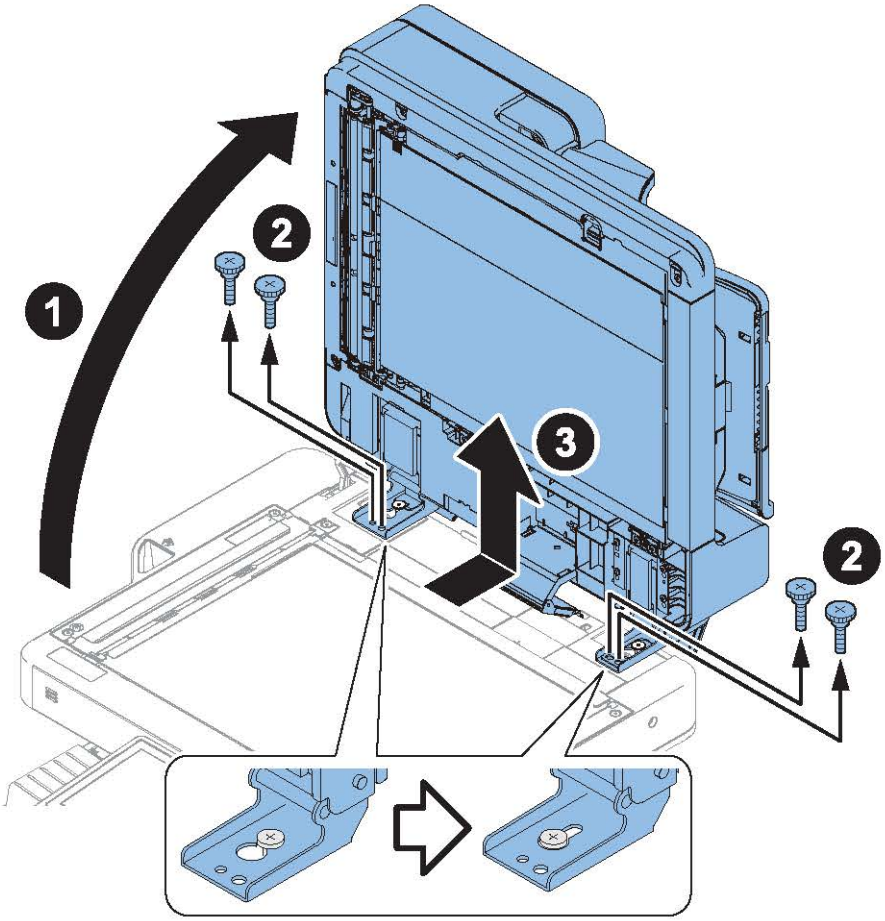
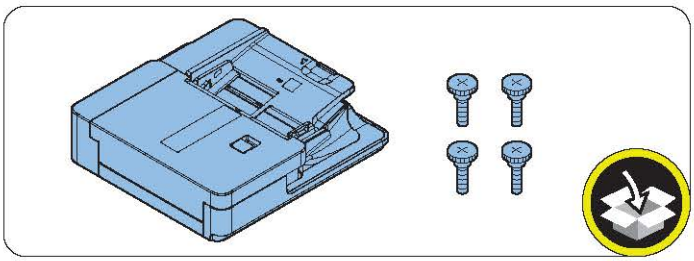


NOTE:
The removed screws will be used at later step.

□

3.





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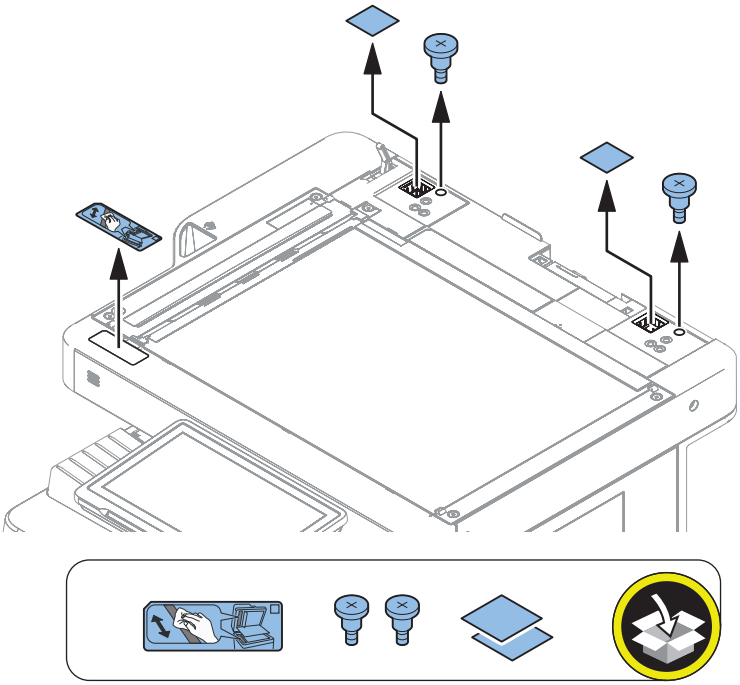

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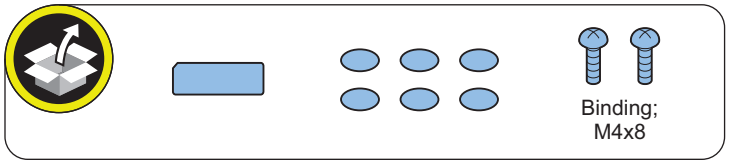
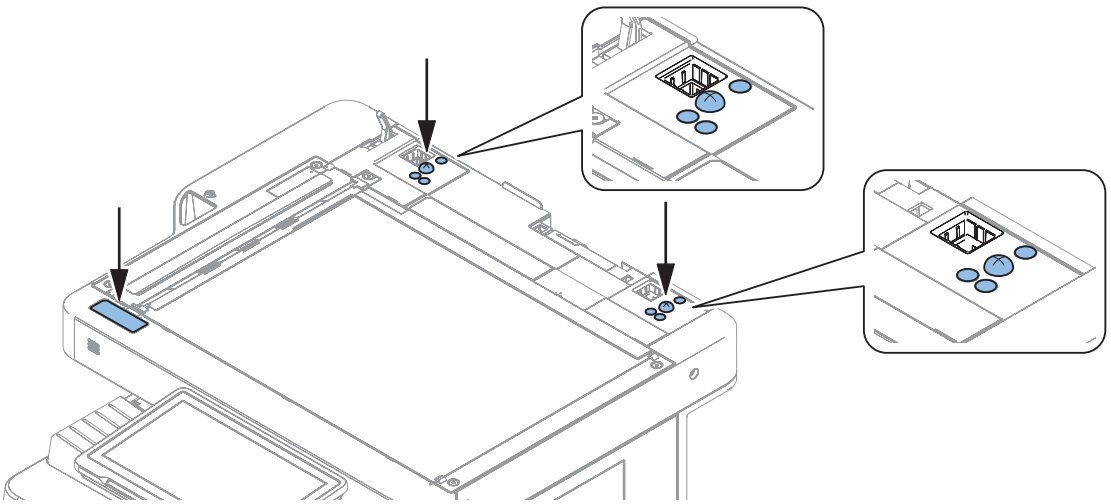
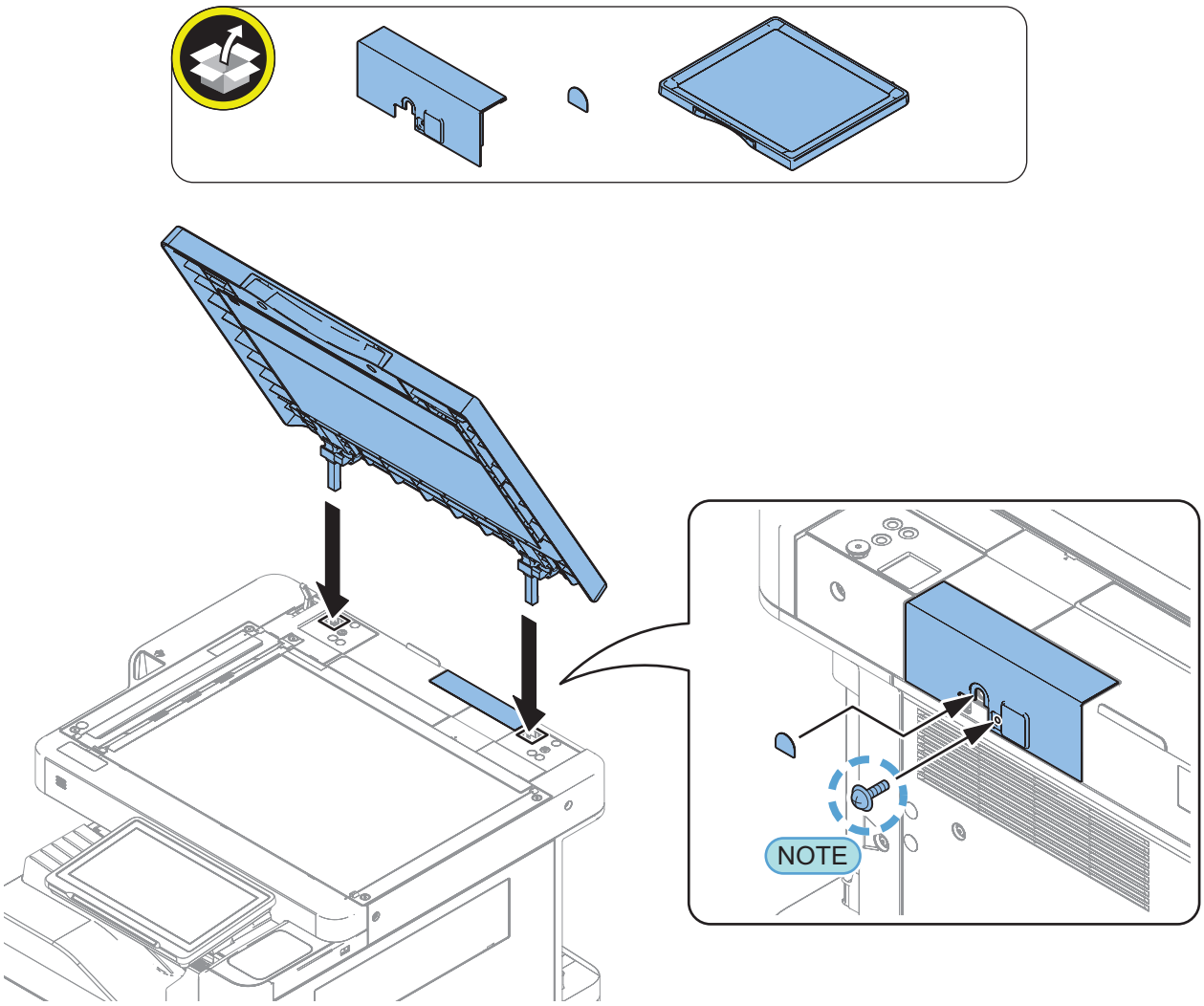




□

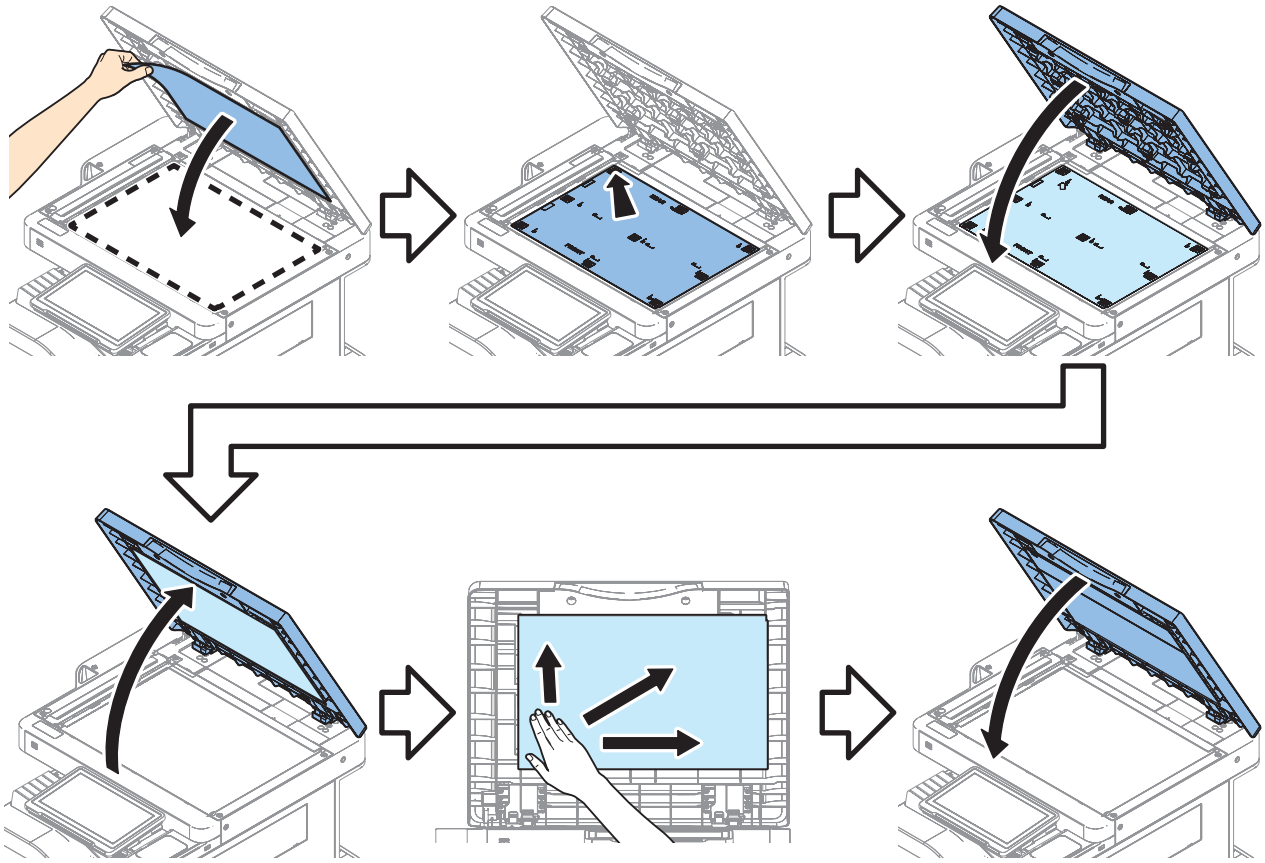
6.

NOTE:
Installing the screws removed in the previous step.



□
7.

CAUTION:
If the White Plate is pressed from top to bottom, it is placed over the Index Sheet, so be sure to press it from bottom to top.

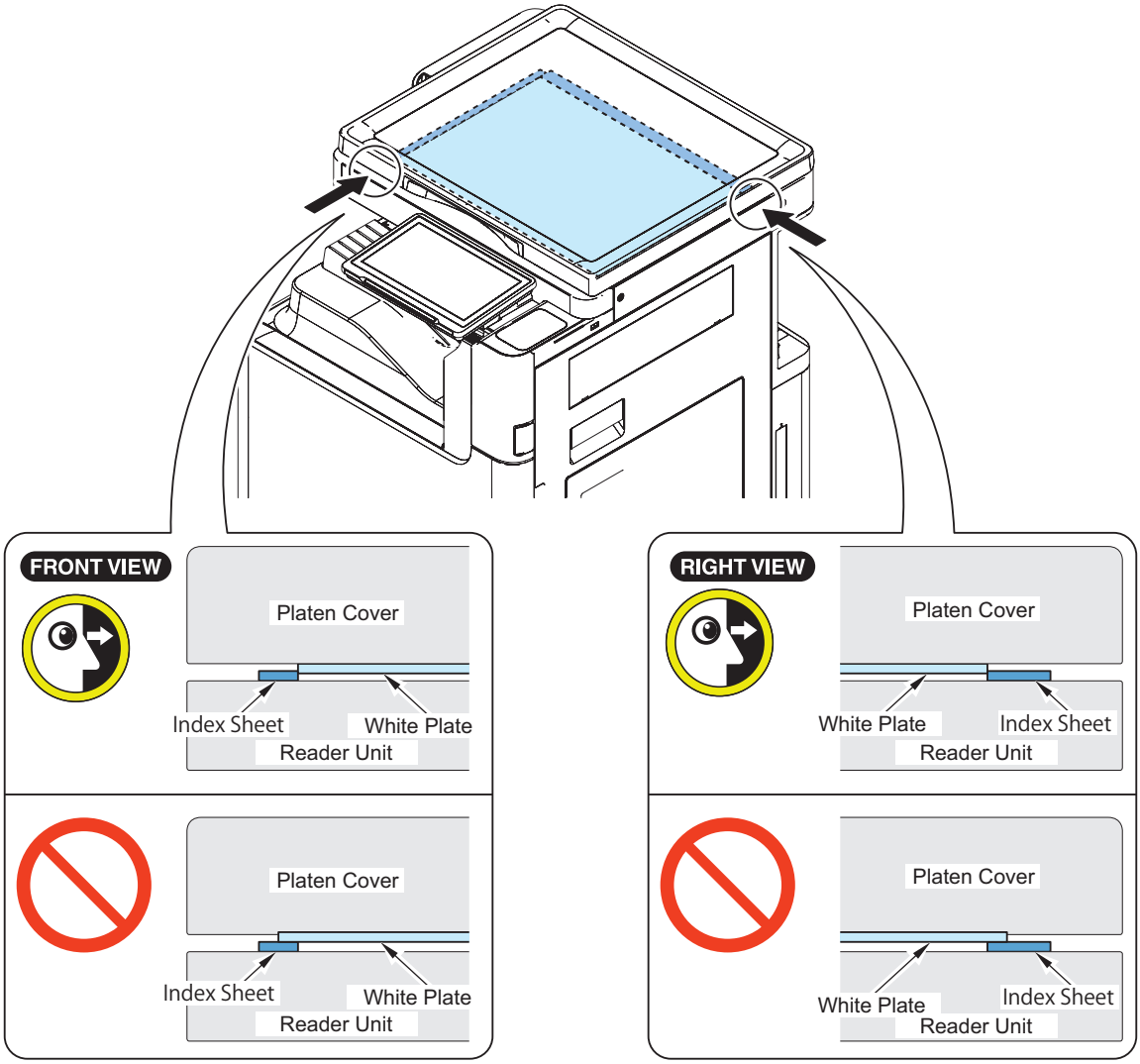


□

8.

CAUTION:

- Be sure that there is no gap (0.3 mm or less as a guide) between the White Plate and the Index Sheet.
- Check that the White Plate is not placed over the Index Sheet.



□

9. Install the removed cover.

□

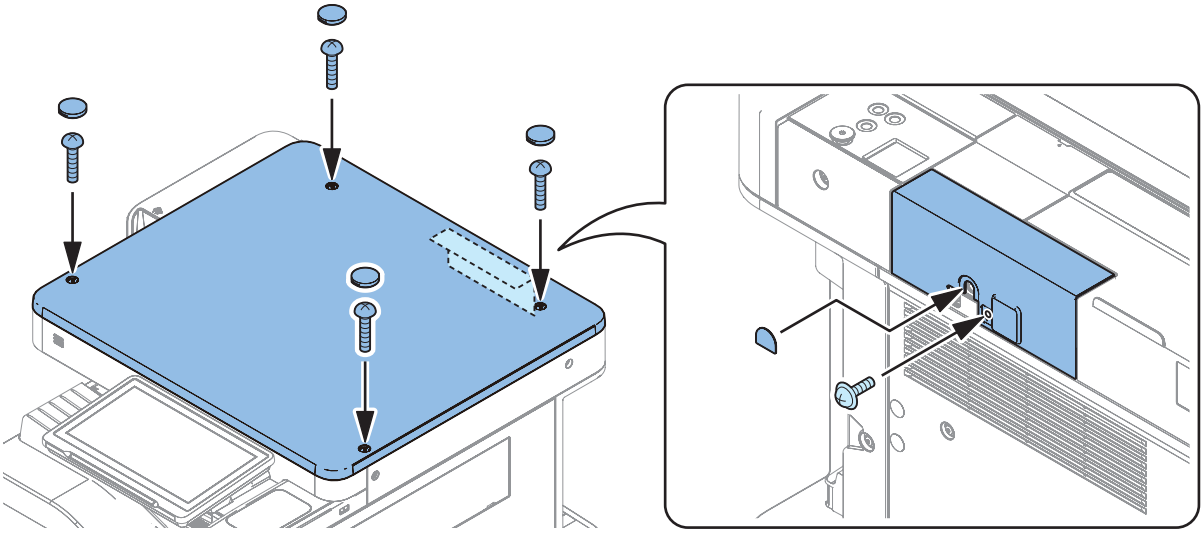
10. Connect the power plug to the outlet.

□

11. Turn ON the main power switch.

Printer Cover-M2

Installation Outline Drawing



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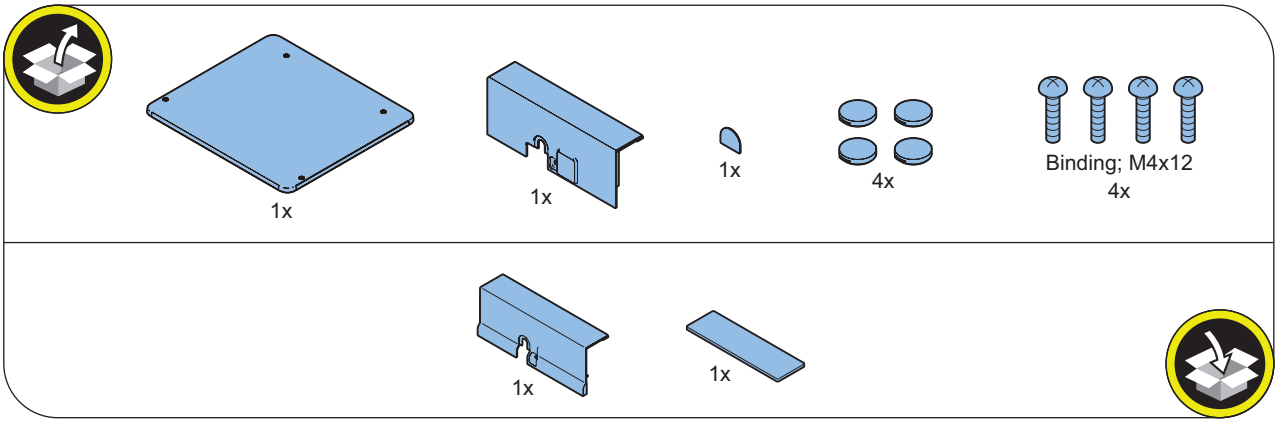
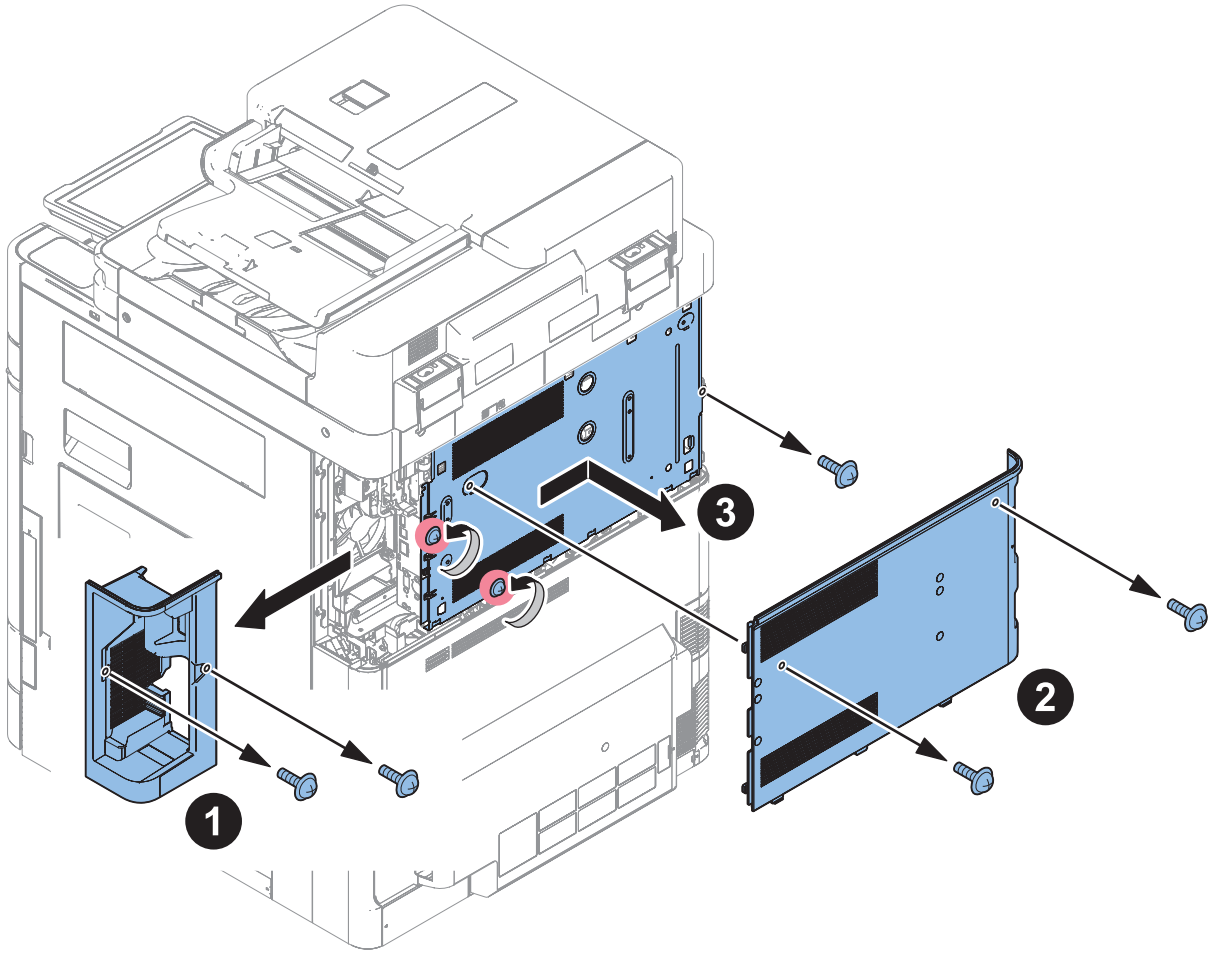


Installation Procedure

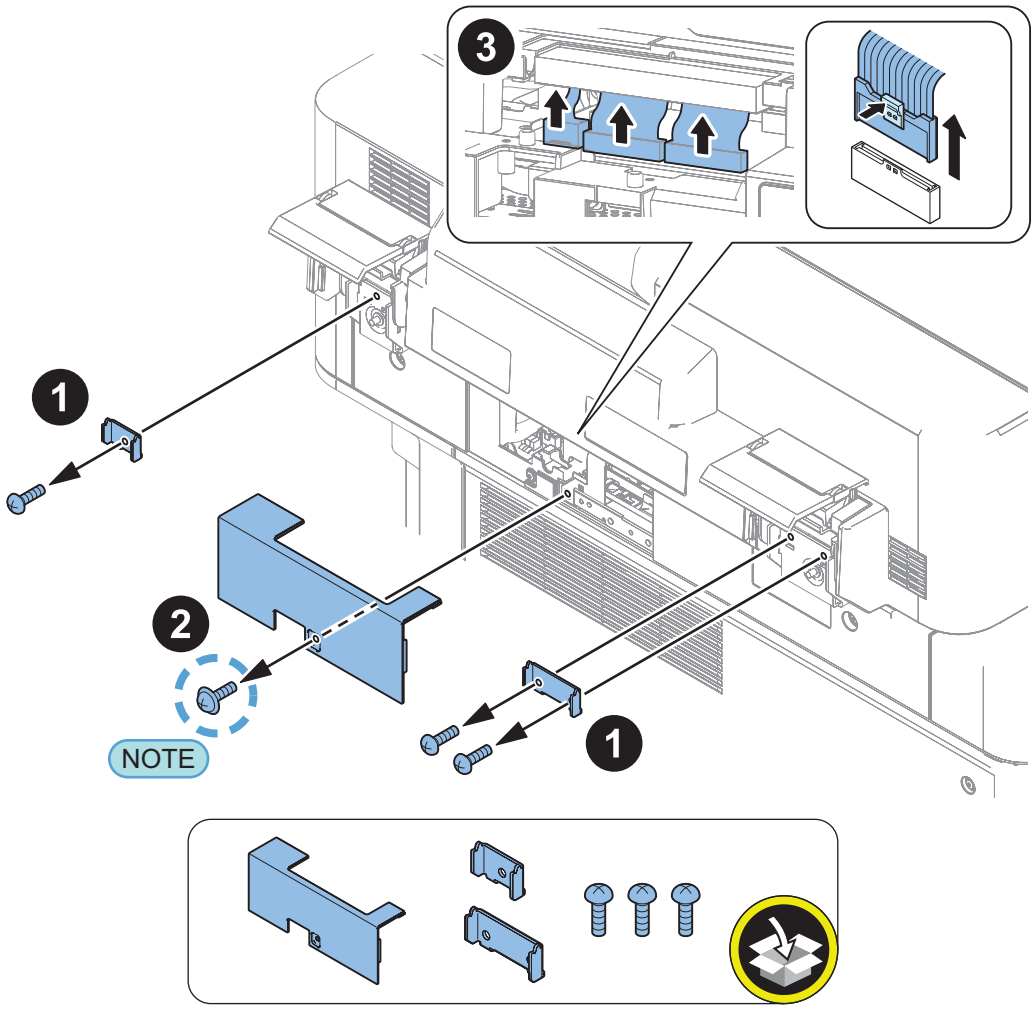
□

1.



NOTE:
The removed screw will be used at later step.

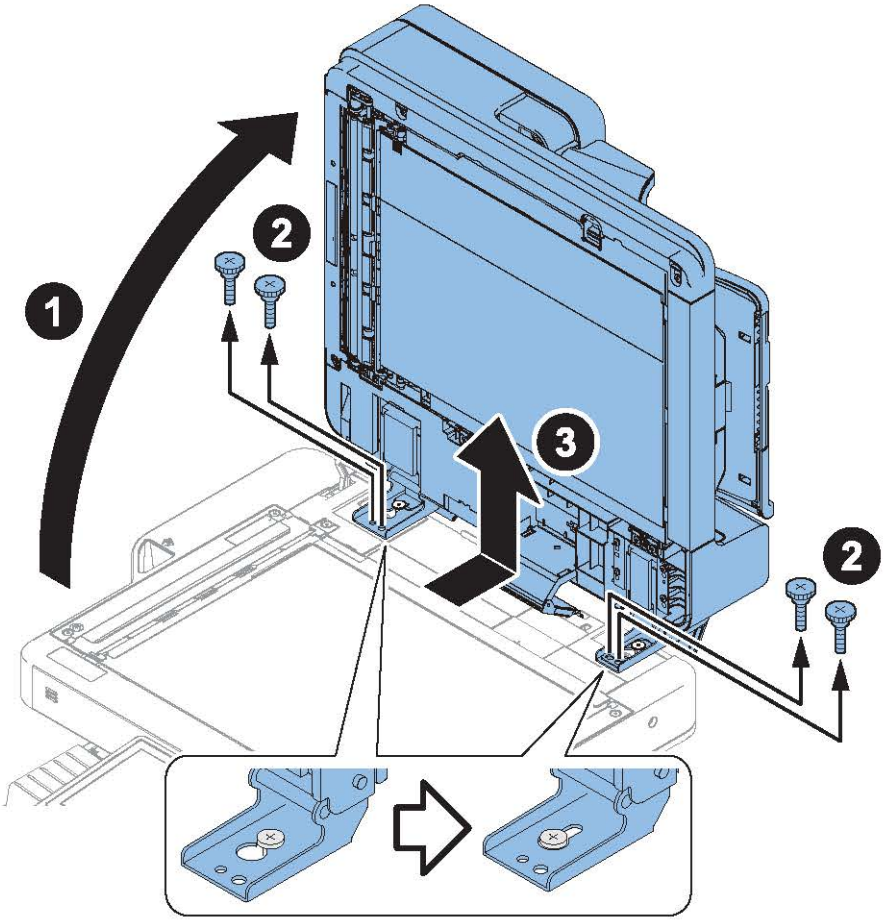
□
2.

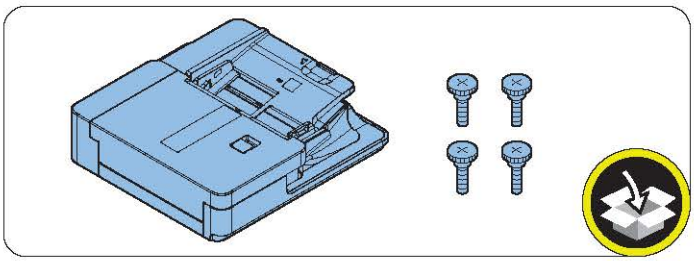


NOTE:
The removed screw will be used at later step.

□

3.





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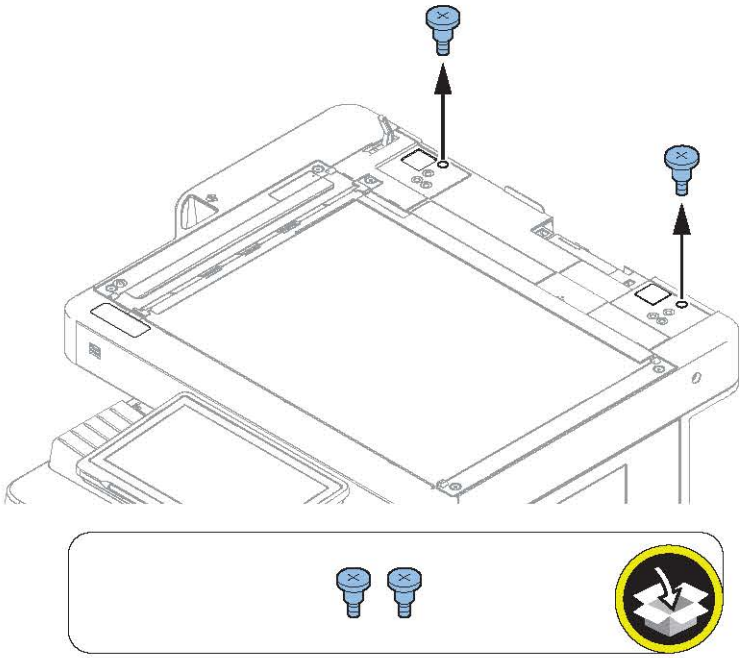
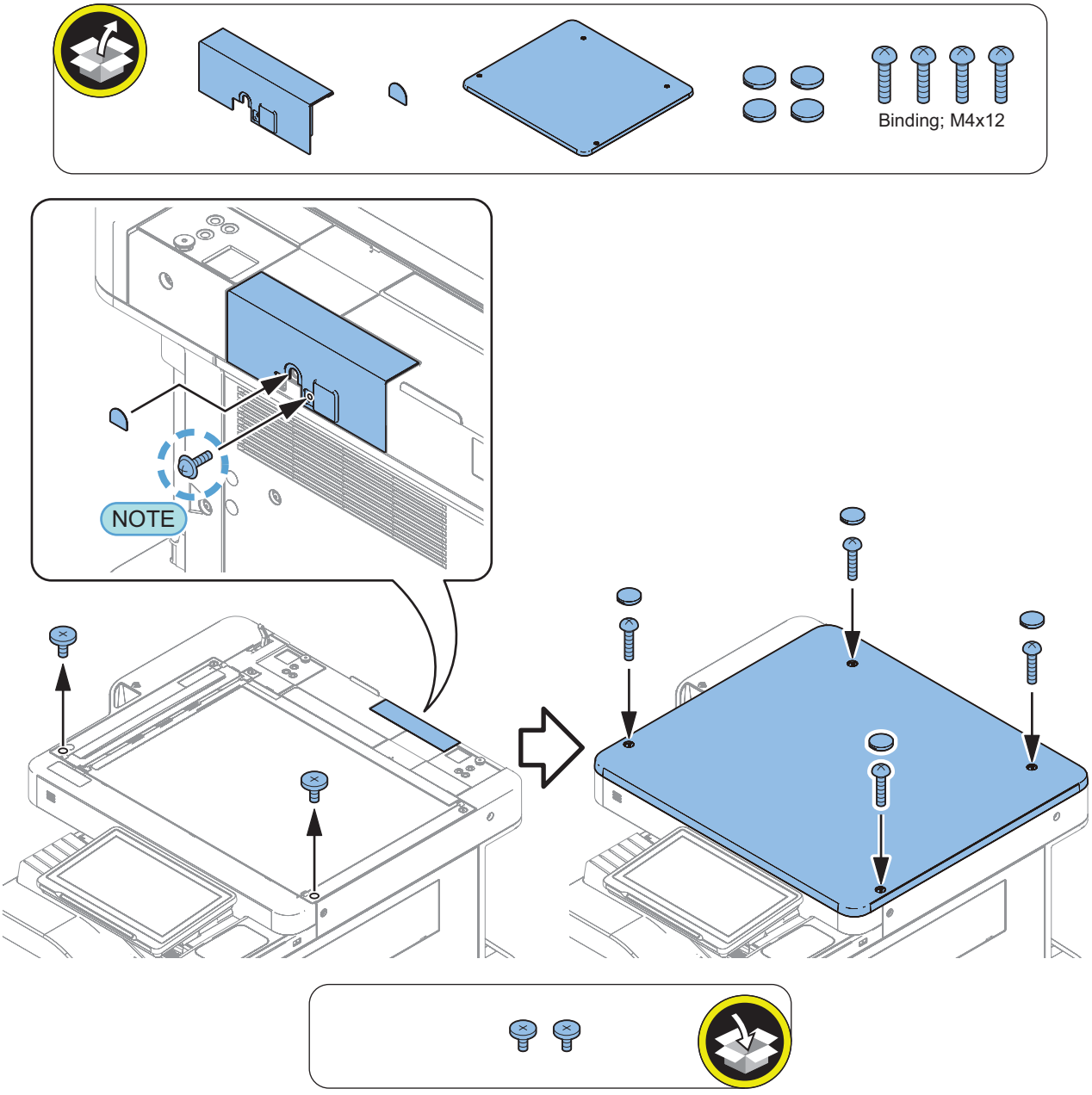


☐

5.

NOTE:
Installing the screw removed in the previous step.



☐

6. Install the removed cover.

Operation Check

☐

1. **Connect the power plug of the host machine to the outlet.**

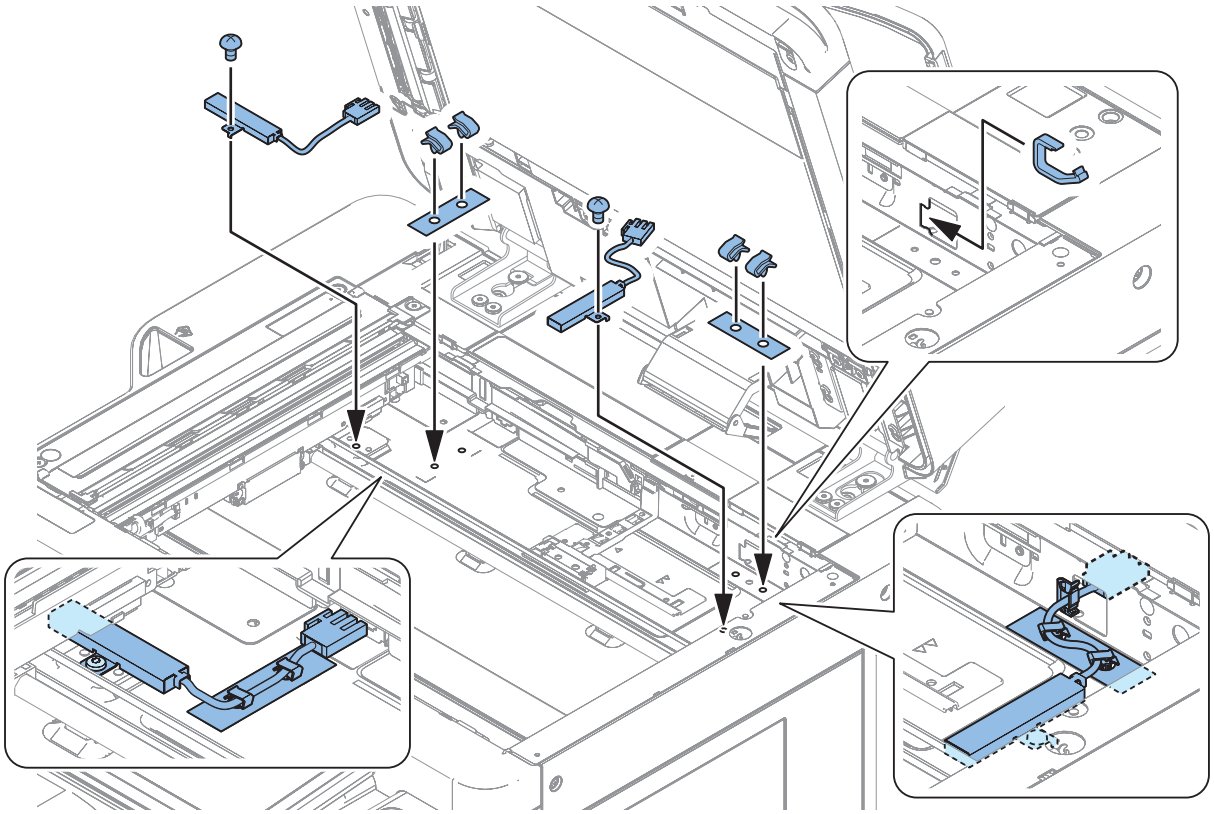
2. **Turn ON the main power switch.**

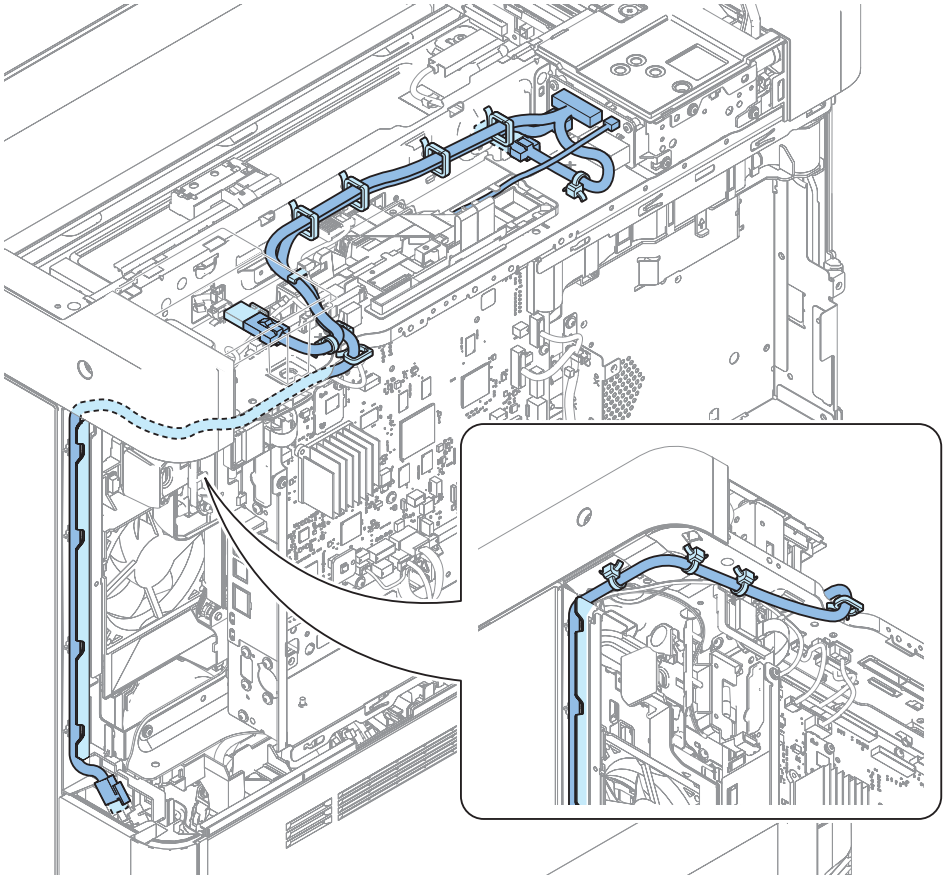
CAUTION:
If "E732-0023" is displayed after turning ON the main power switch, turn OFF and then ON the main power switch, and then perform the following steps.

3. **The message confirming the cable connection of the Reader Unit is displayed.**
4. **Set "0" for the following service mode.**
   COPIER > OPTION > FNC-SW > W/SCNR
5. **Exit service mode.**
6. **Turn OFF and then ON the main power switch.**

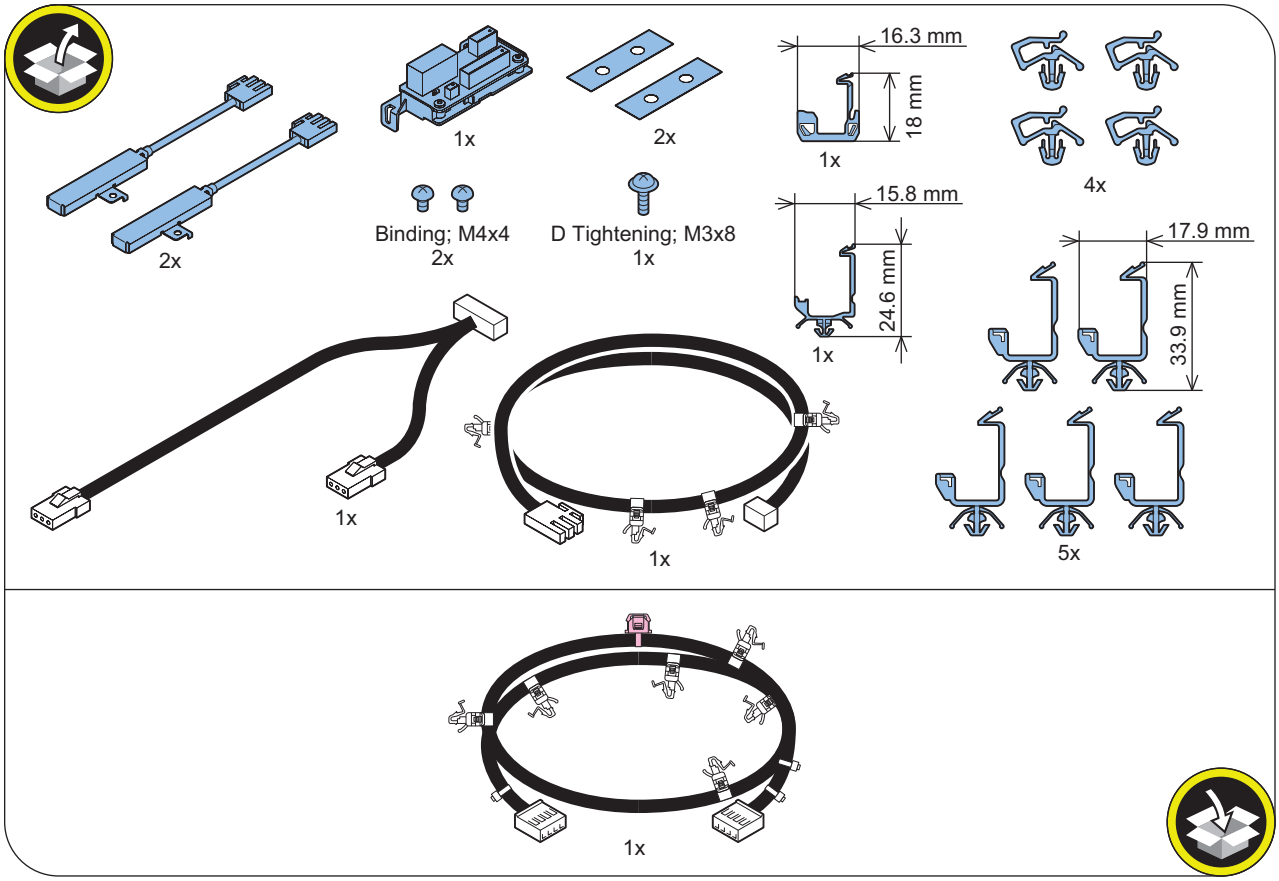
Reader Heater Unit-Q1

Installation Outline Drawing





Checking the Contents



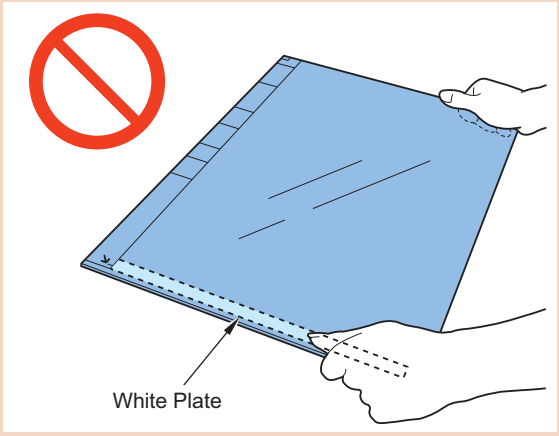
Installation Procedure

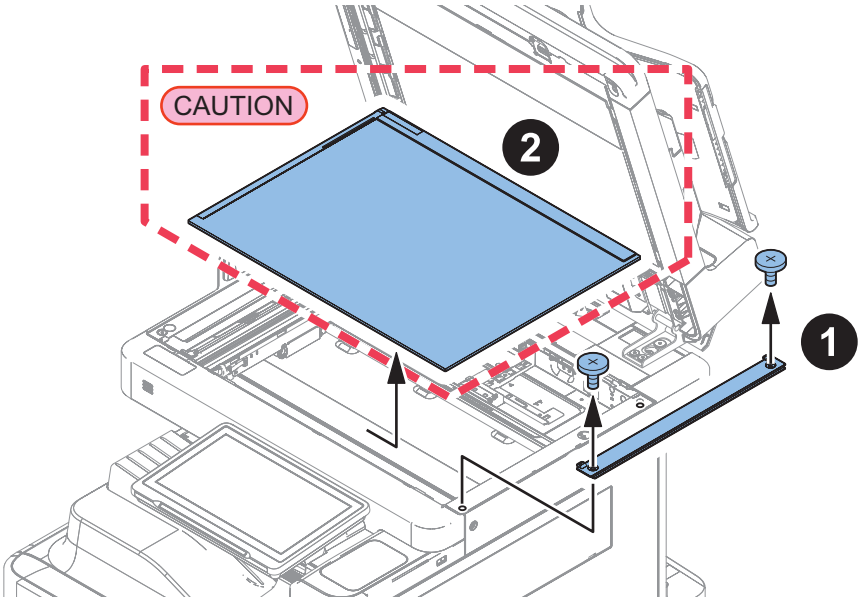
□

1.

CAUTION:

- Soiling on the glass surface and the White Plate affects reading. When removing or installing the Copyboard Glass, be sure not to touch the glass surface and the White Plate.
- If soiling is attached, clean it with lint-free paper.





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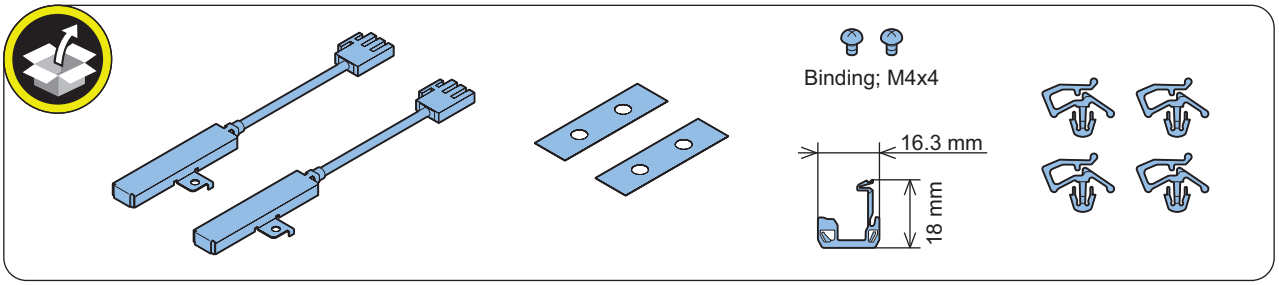
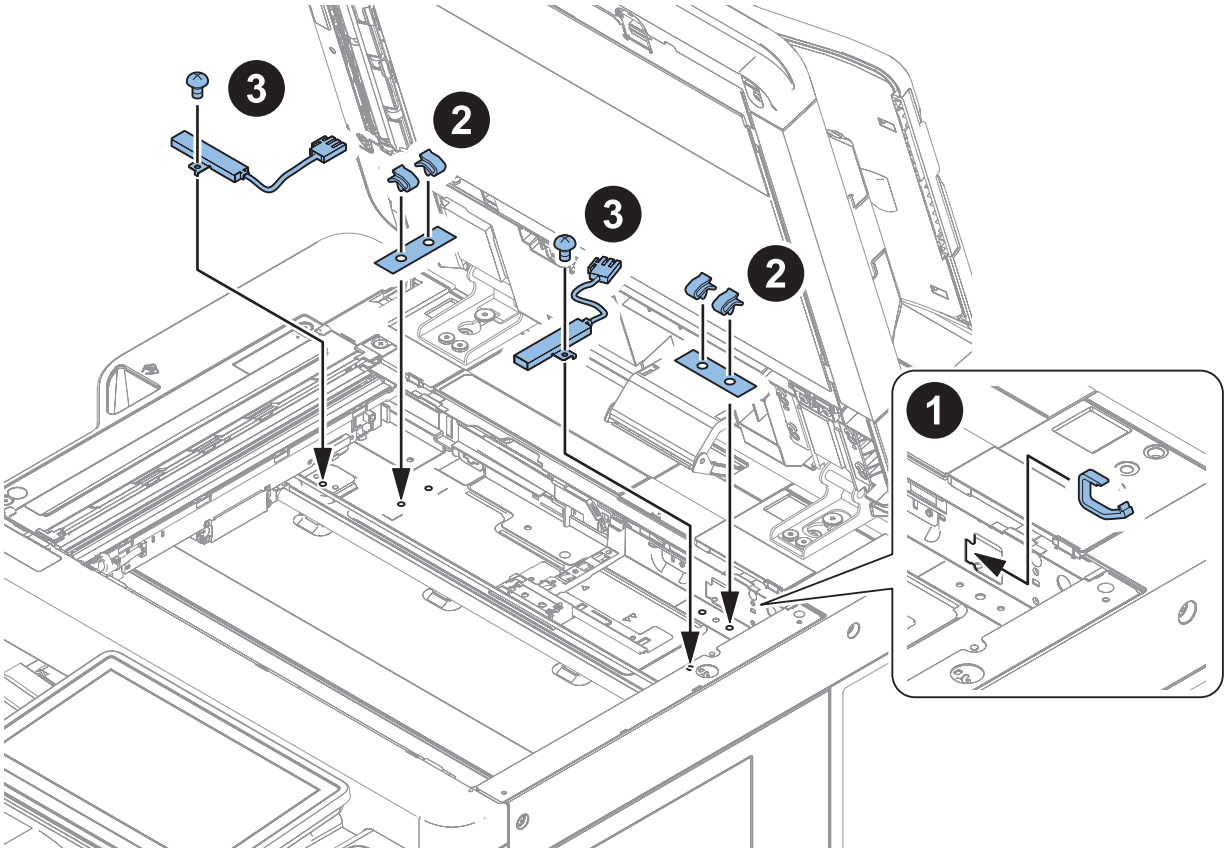
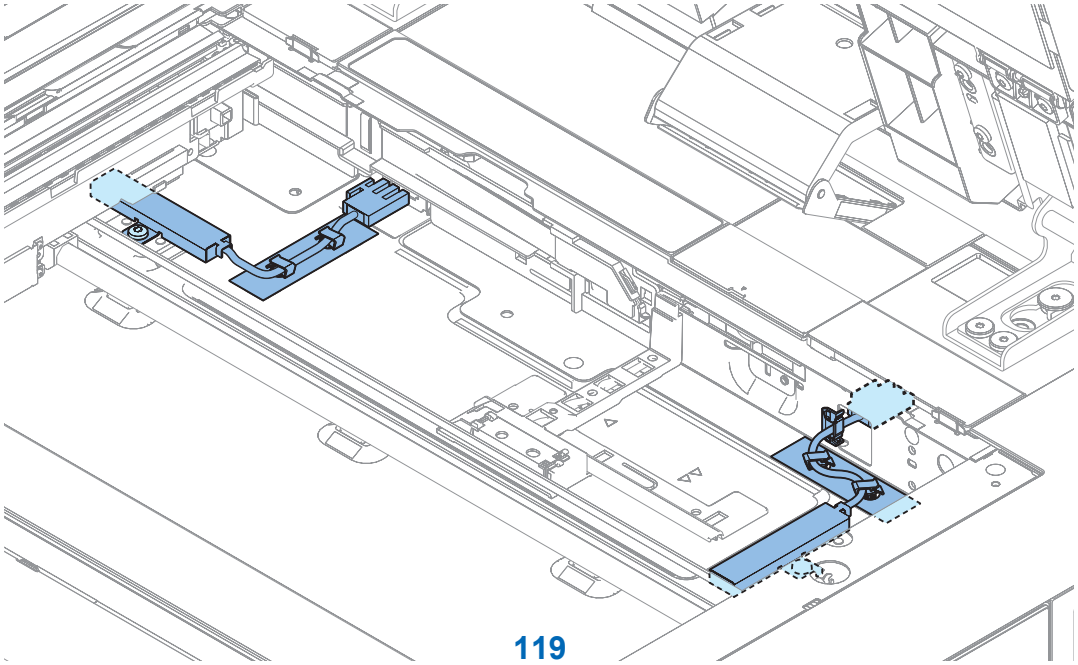


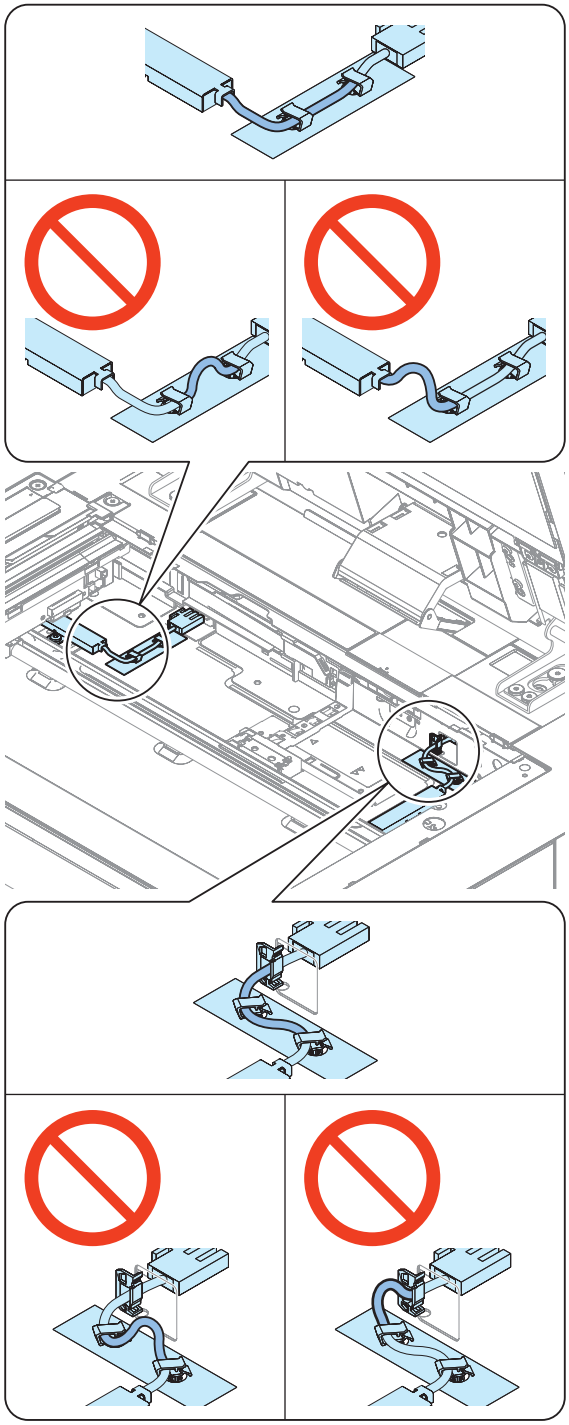




□

3.

CAUTION:
Be sure to hold down the Reader Heater Harness because it may interfere with moving of the Scanner Box if it is not connected properly.



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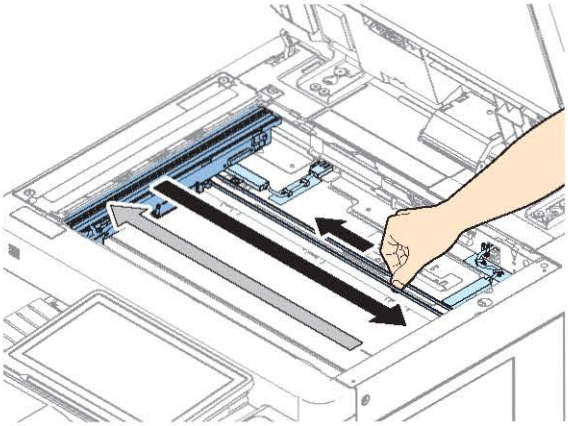
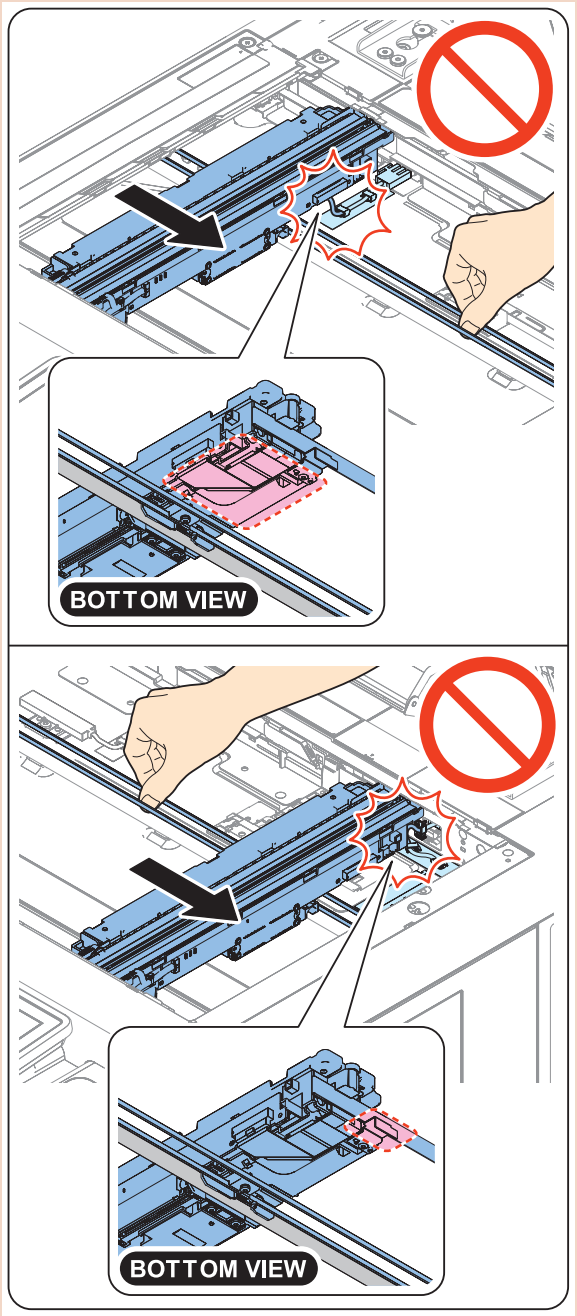
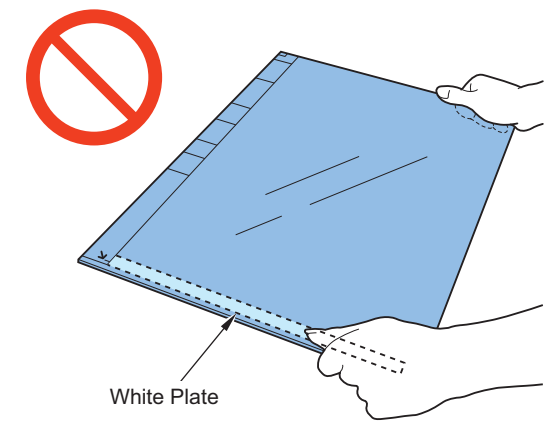


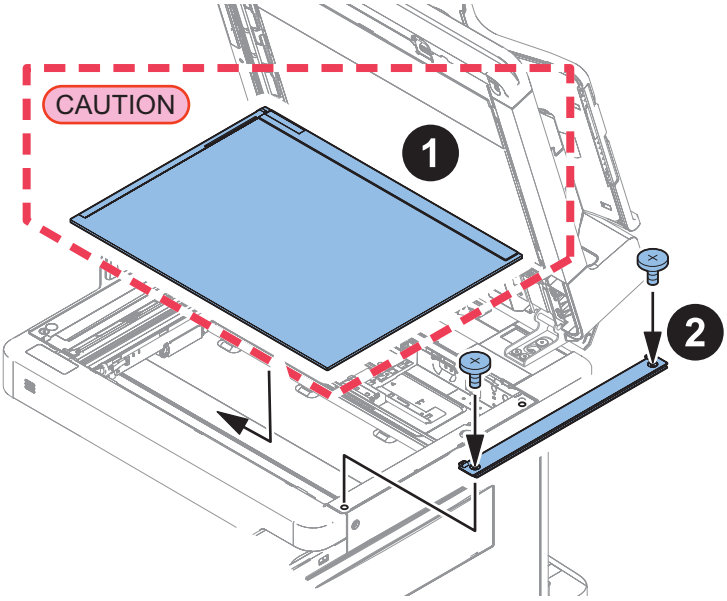
CAUTION:
Move the Scanner Box to the right edge, and check if the underside of the Scanner Box and the HP Sensor Flag Plate do not interfere with the Reader Heater harness.



□
5.

CAUTION:
- Soiling on the glass surface and the White Plate affects reading. When removing or installing the Copyboard Glass, be sure not to touch the glass surface and the White Plate.
- If soiling is attached, clean it with lint-free paper.





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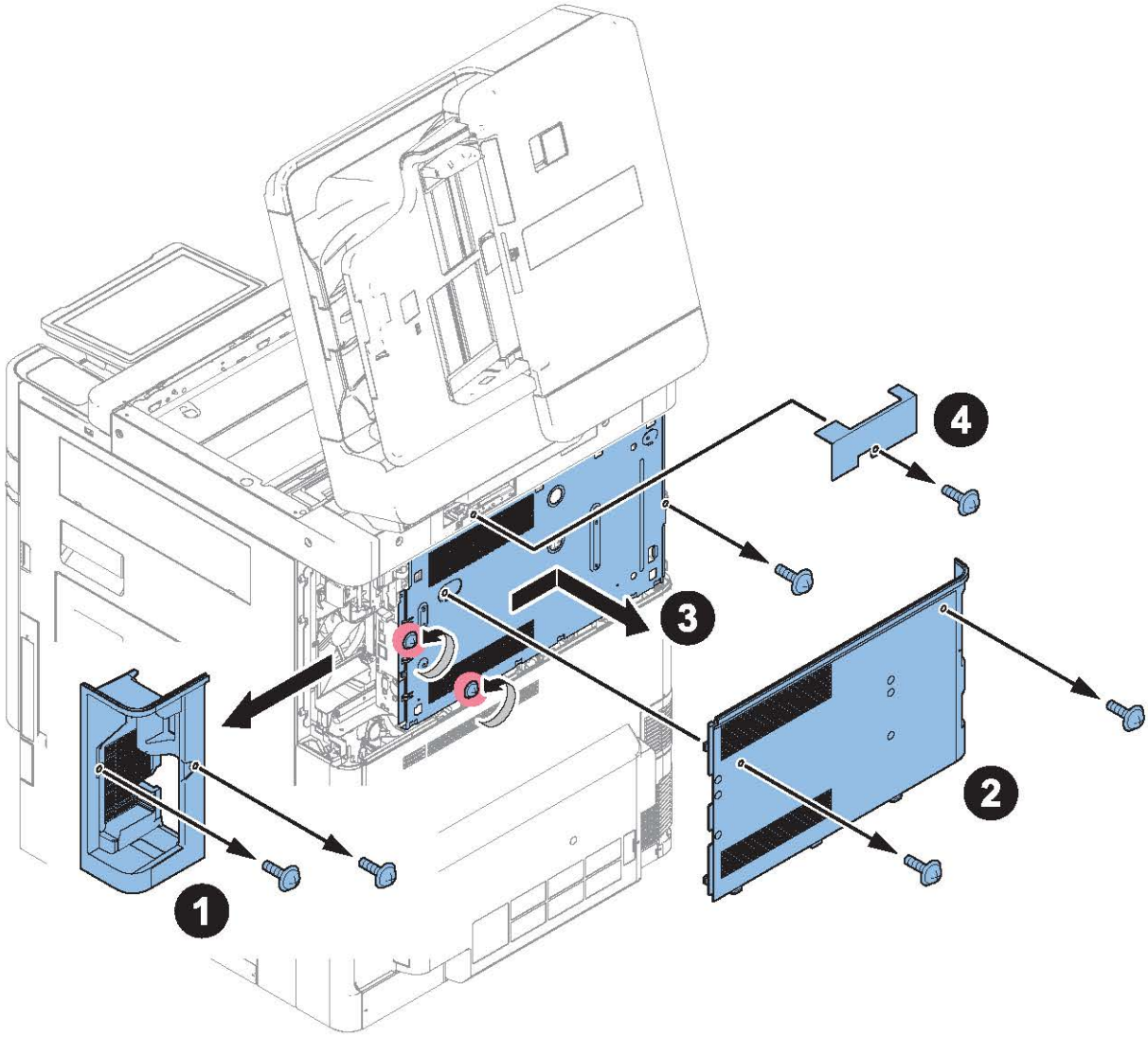

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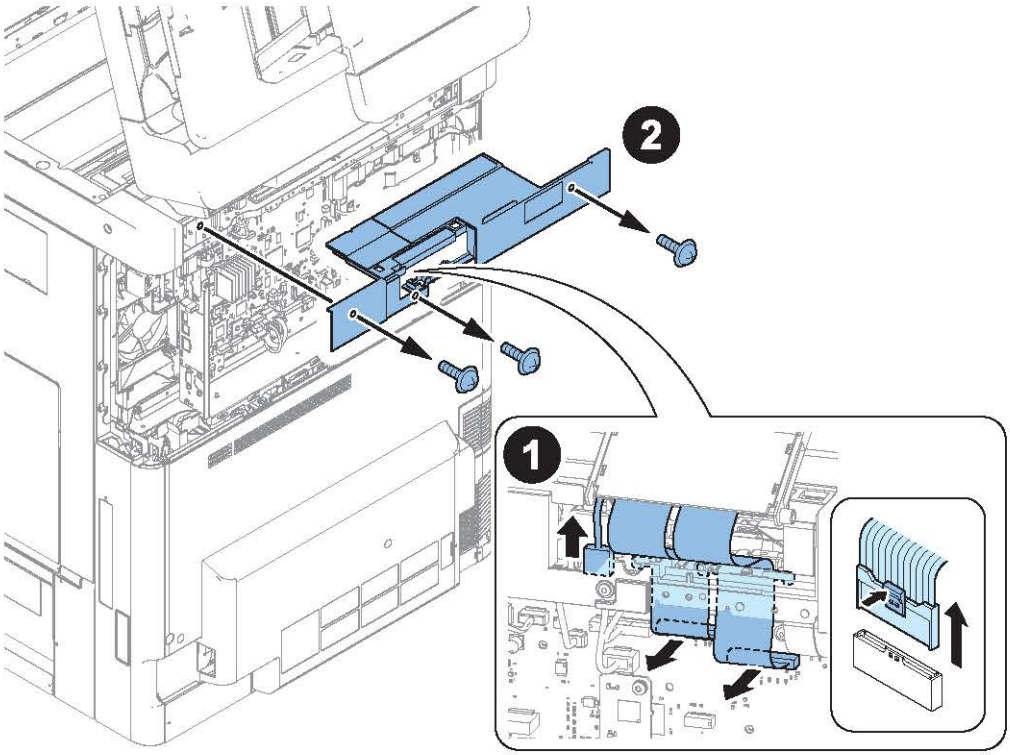

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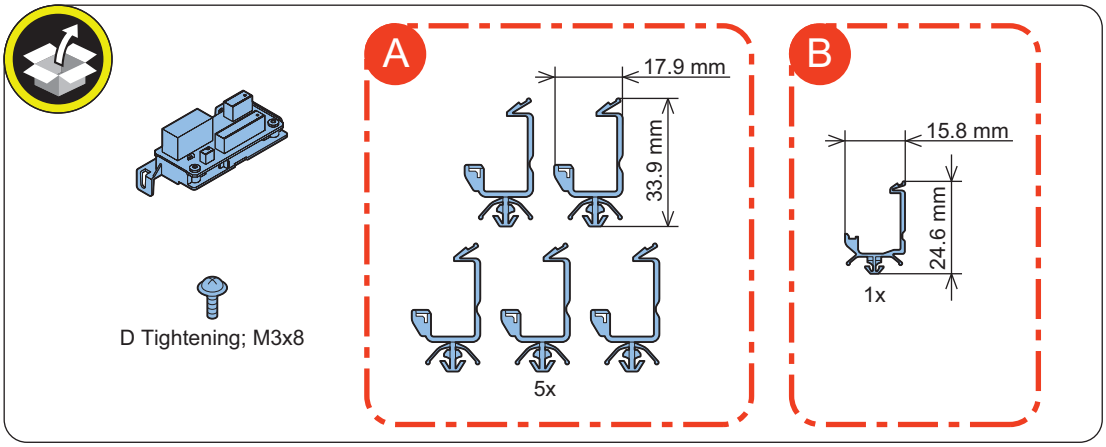

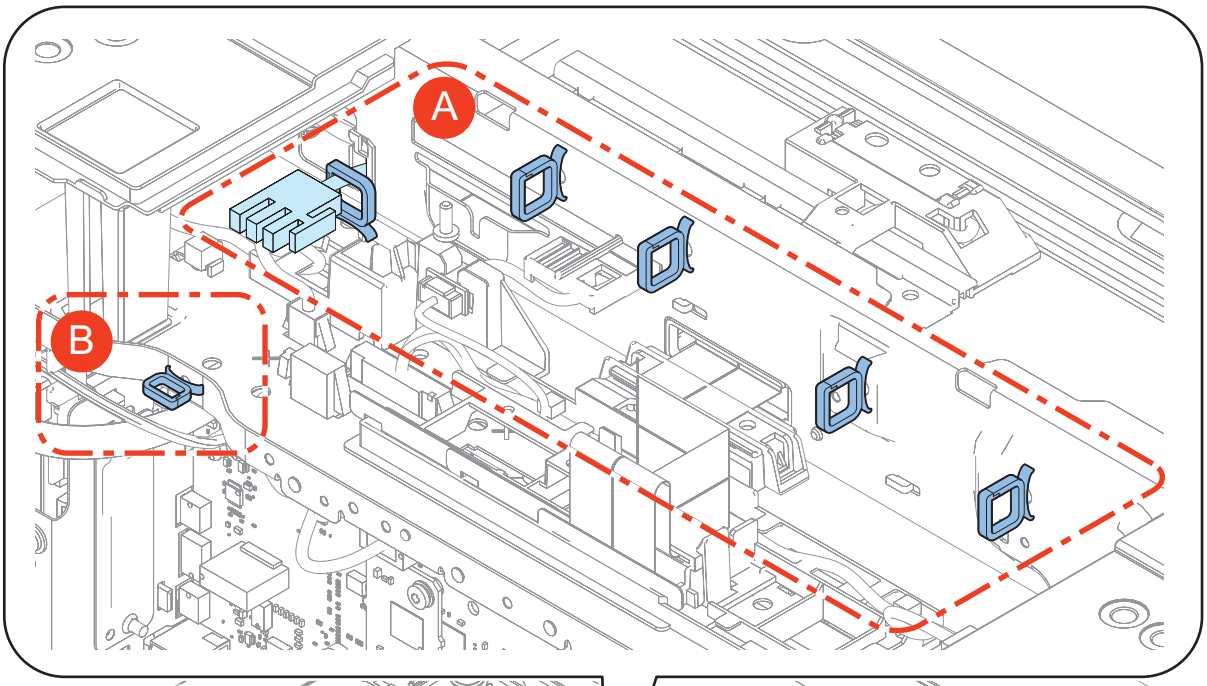

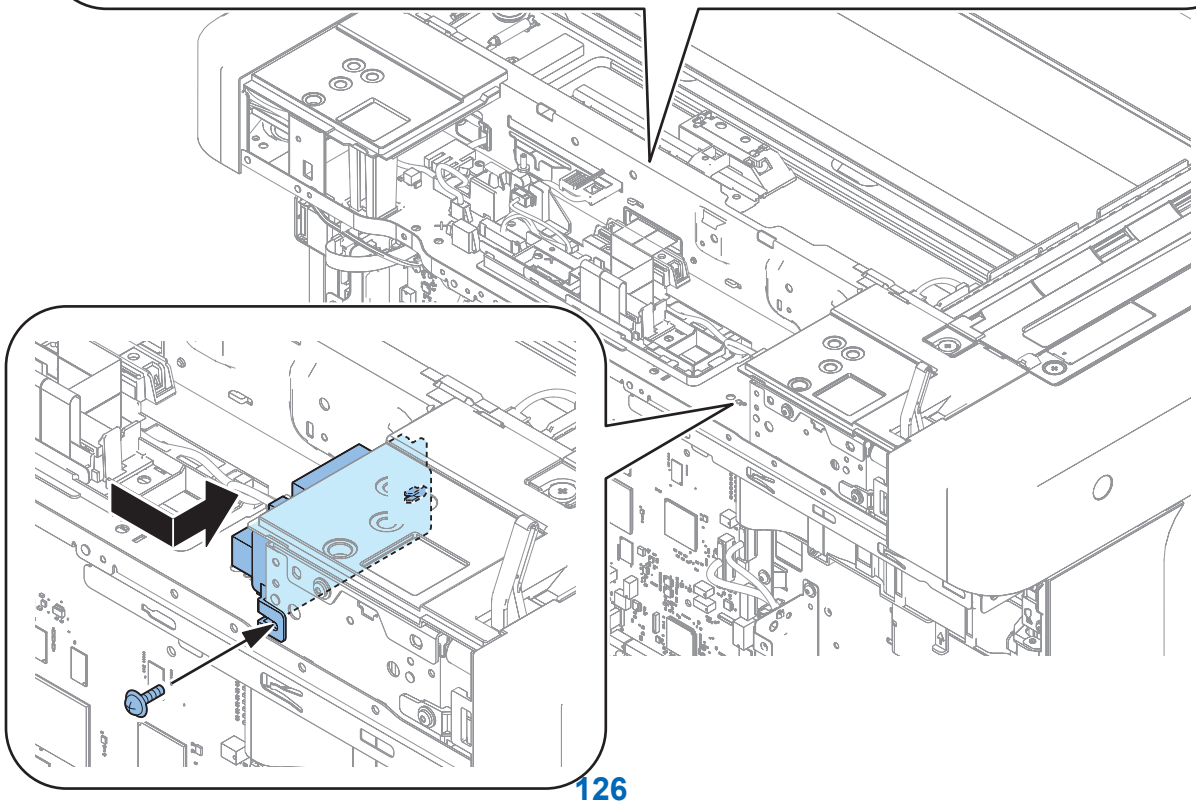

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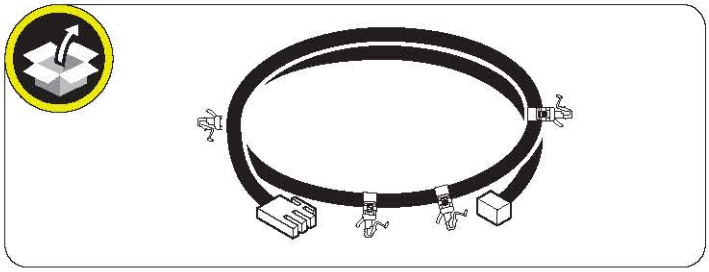

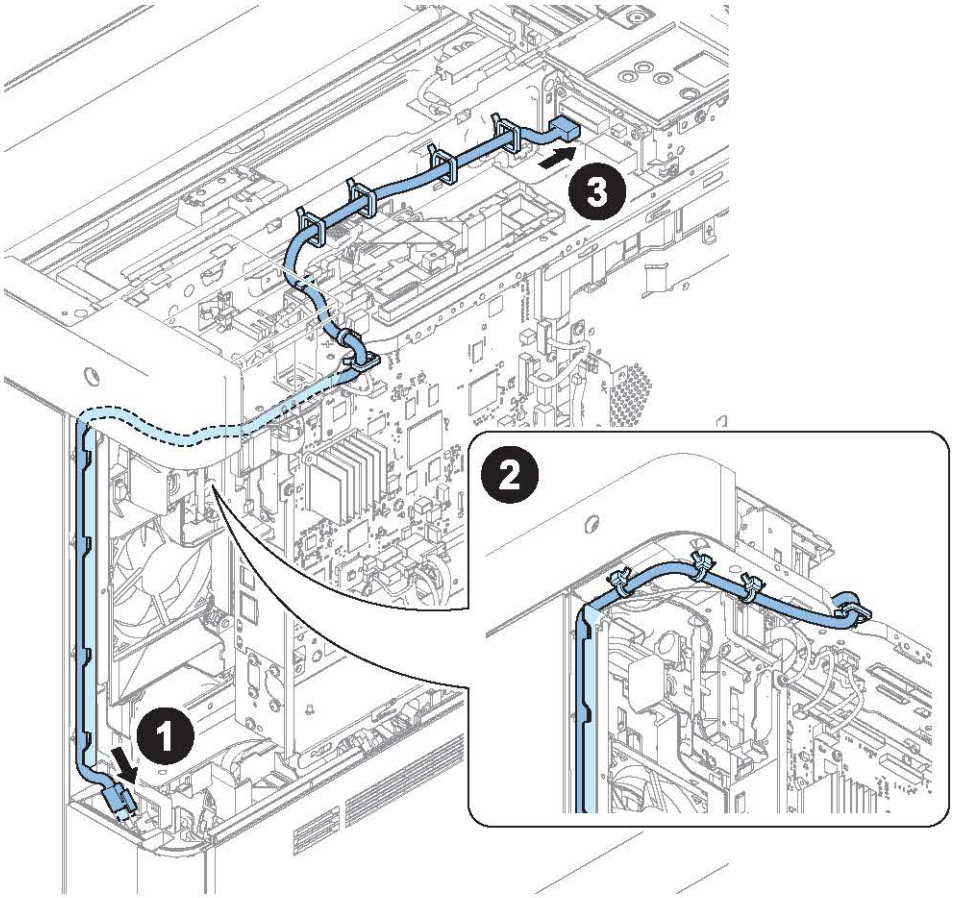

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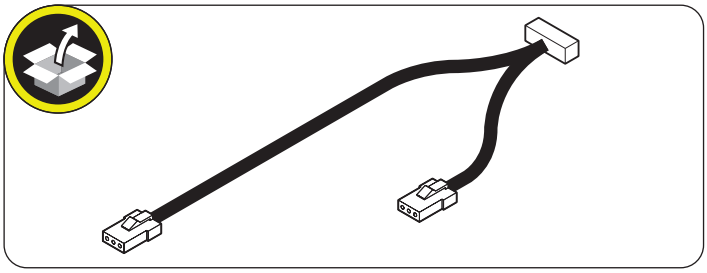
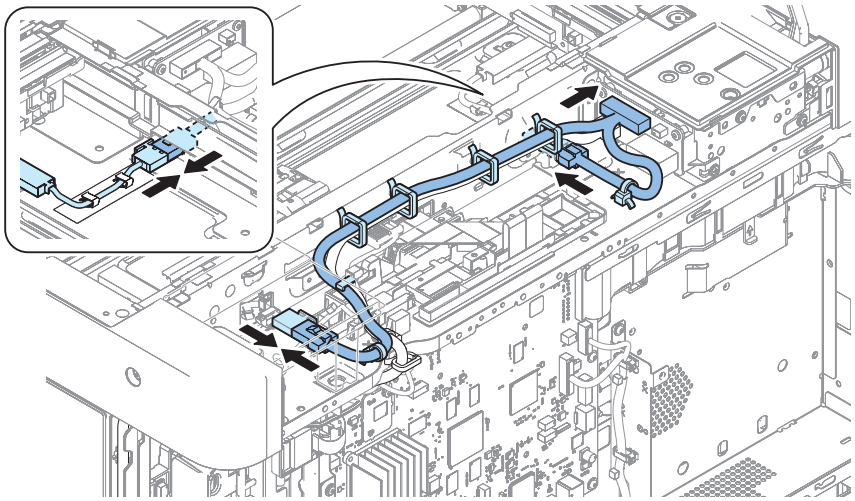
10.





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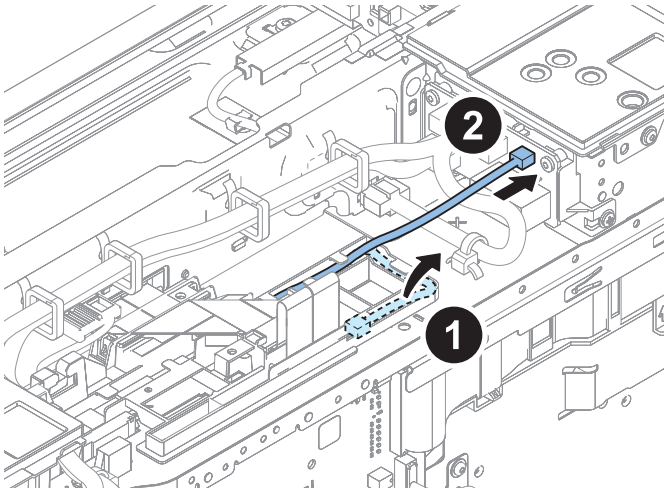
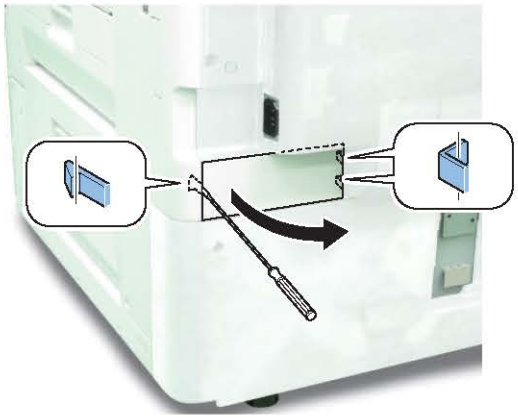


☐

12. **Install the removed cover.**

☐
13.



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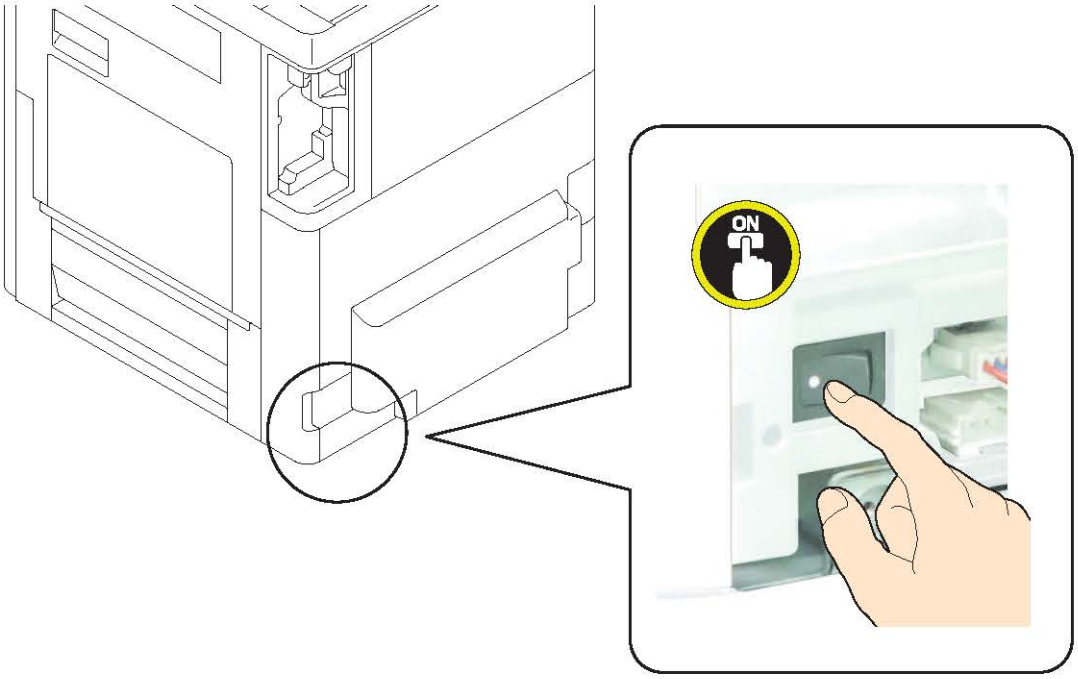

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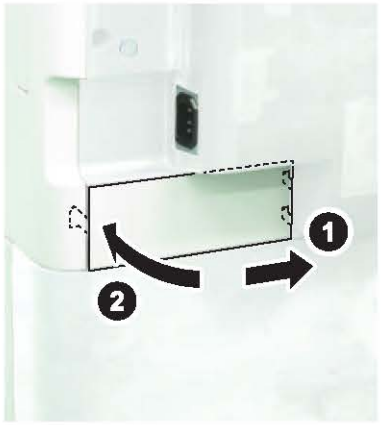

☐

16. **Connect the power plug of the host machine to the power outlet.**

☐

17. **Turn the main power switch ON.**

4 Host Machine Options

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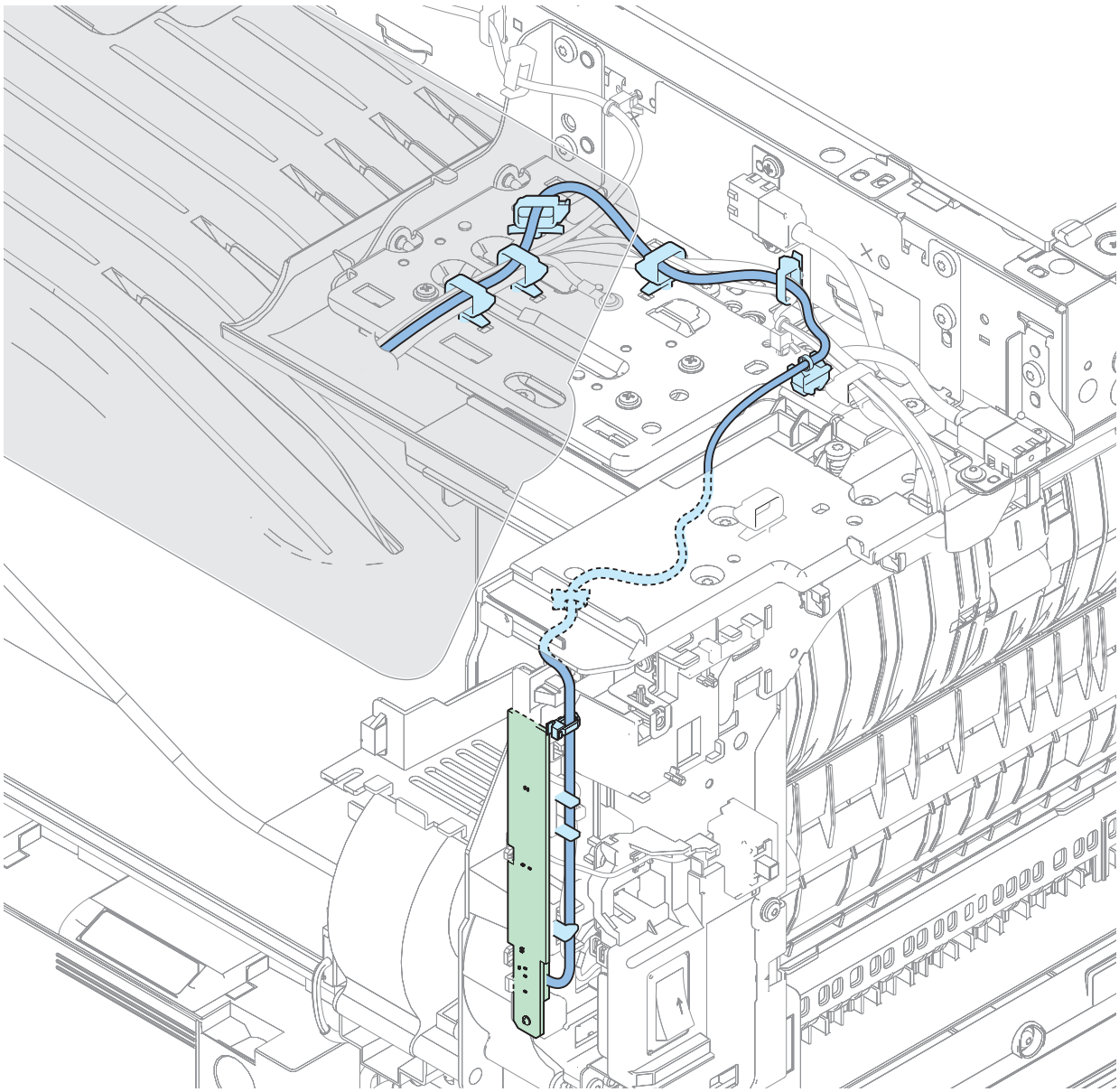
NFC Kit-E2

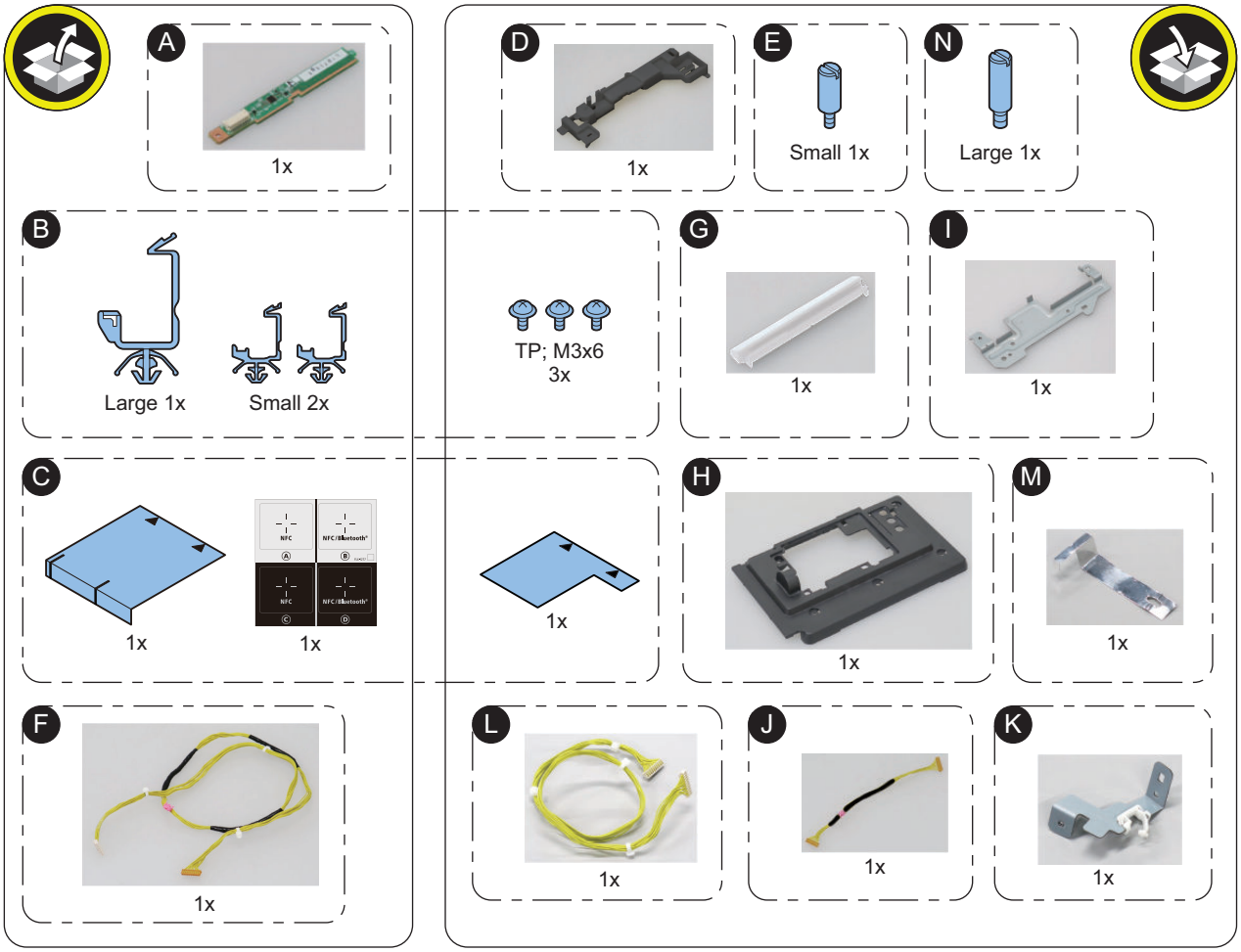
Installation Outline Drawing



Points to Note at Installation

- Do not touch the sensor and PCB components of the Control Panel.
- When using options and the NFC Kit together, install the NFC Kit first.

Checking the Contents

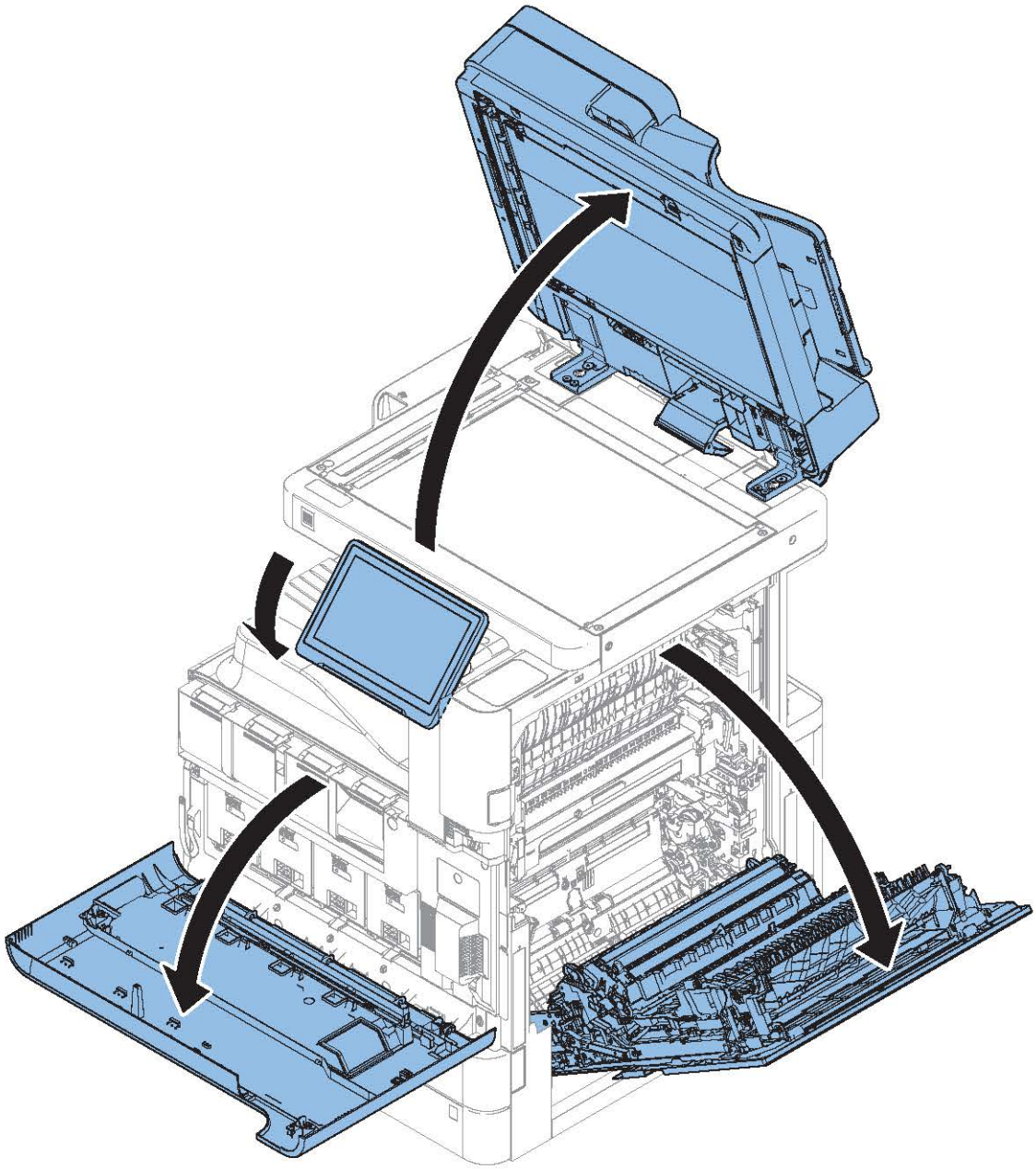


<Others>
Guides are included

Removing the Covers

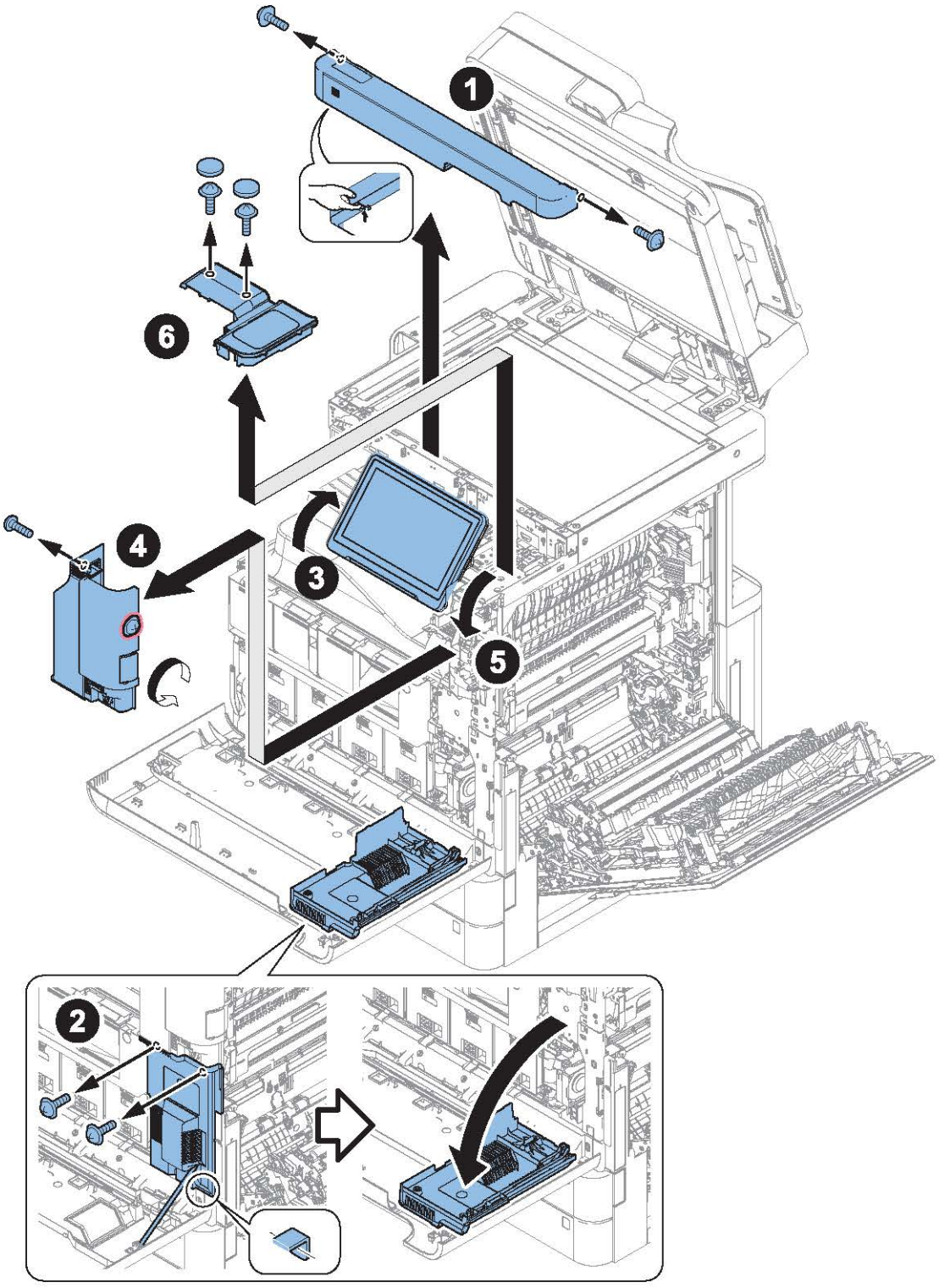
□

1.



□

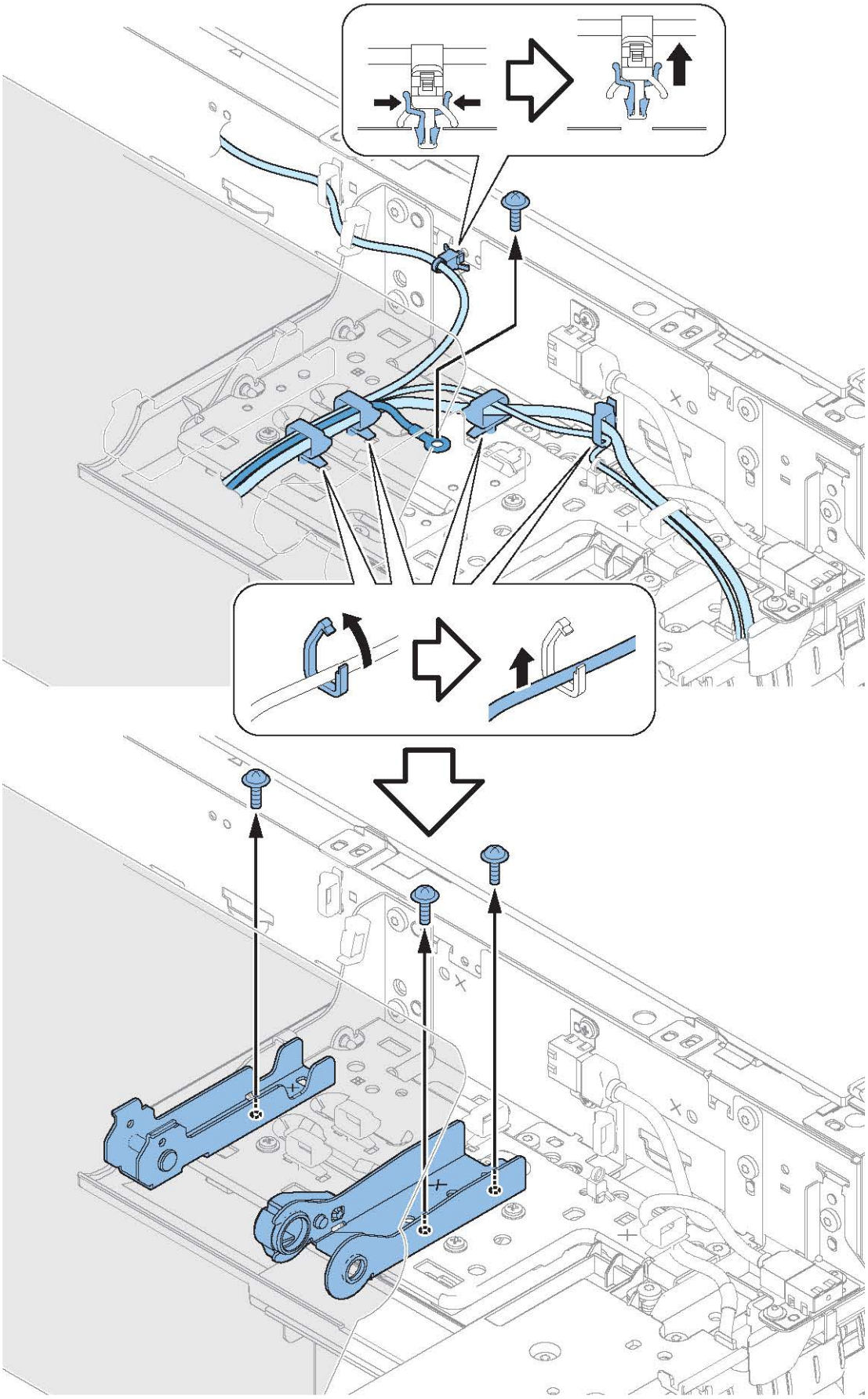
2.



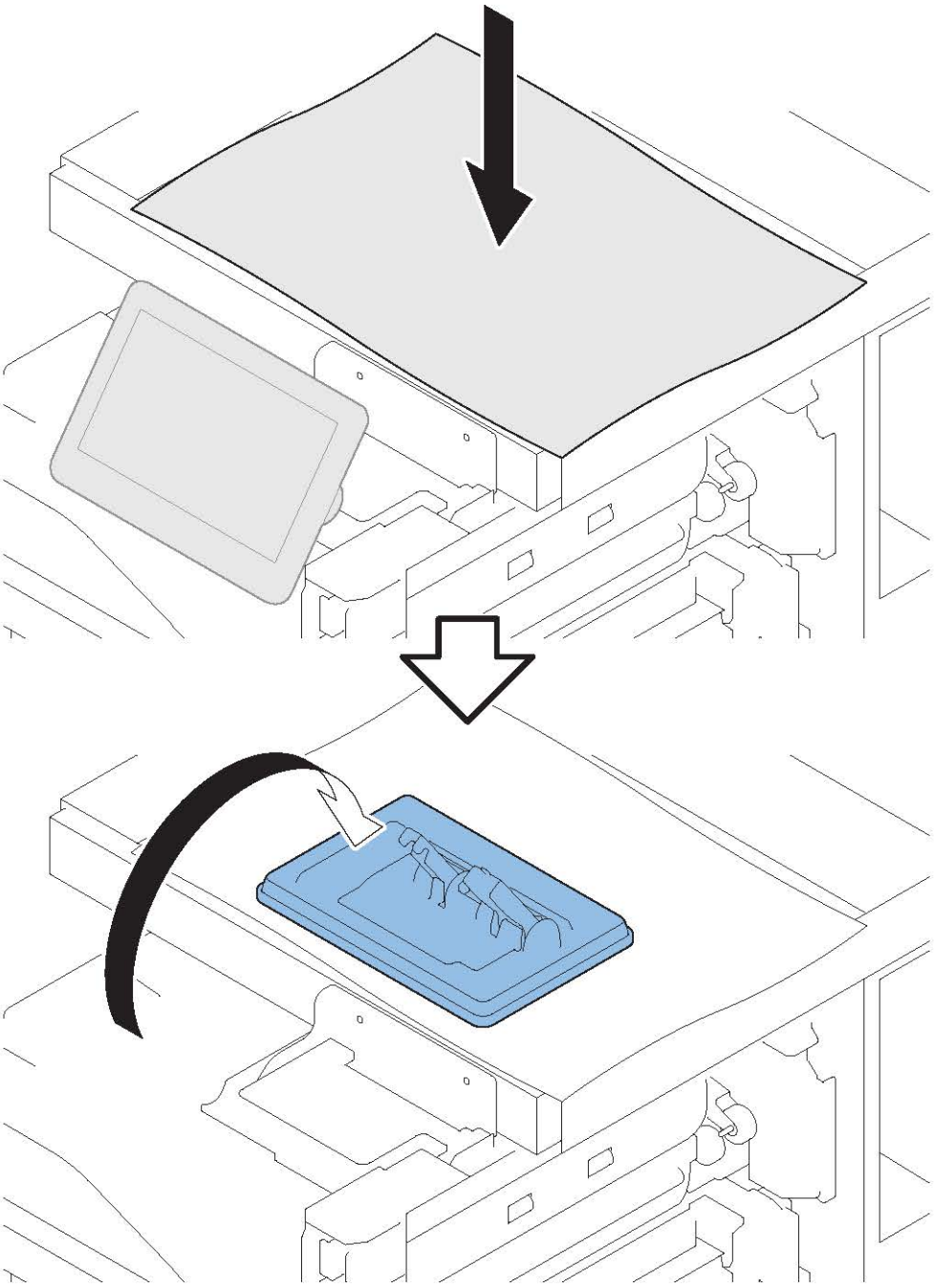
Removing the Control Panel

□

1.

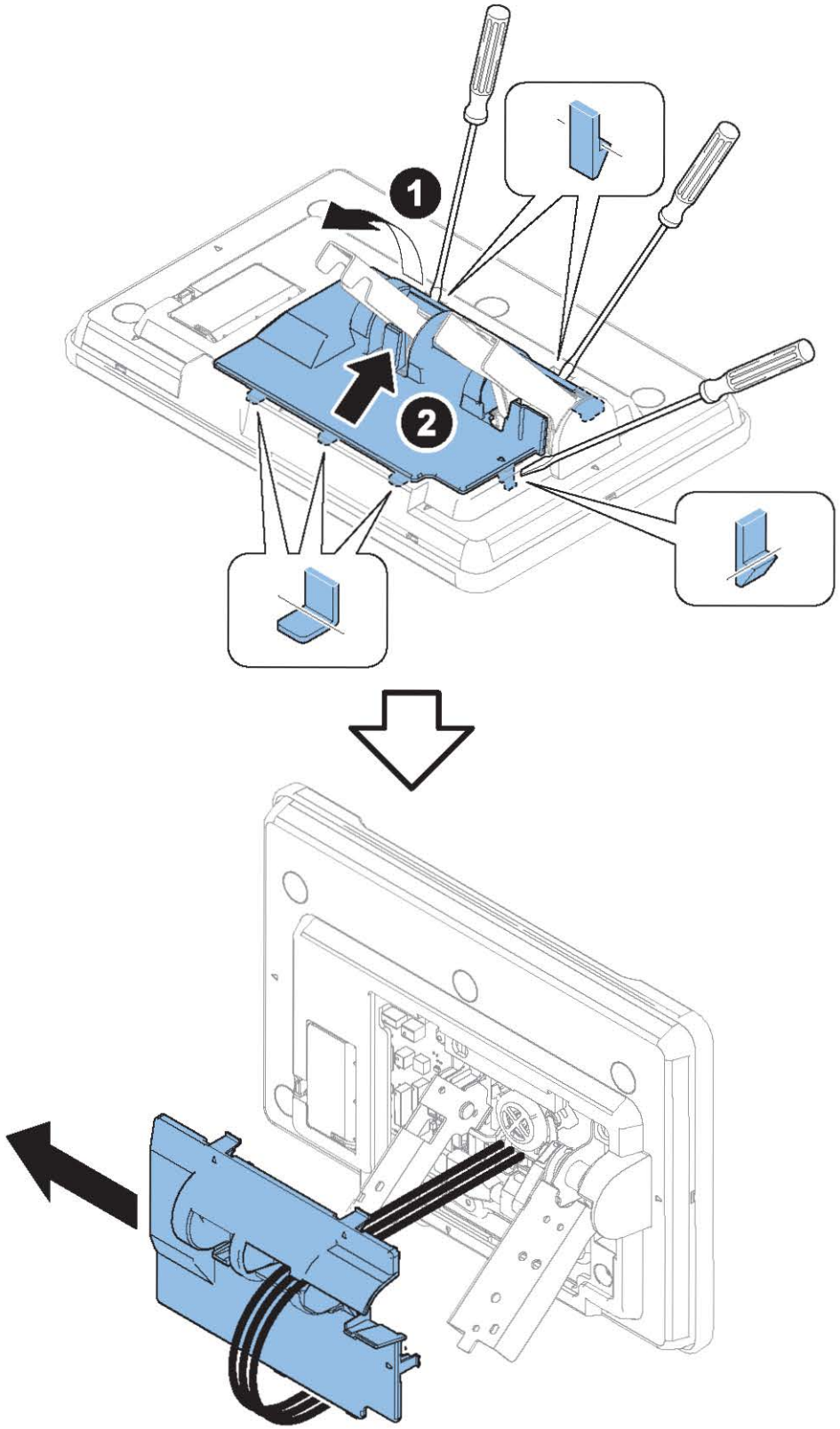


□
2.



□

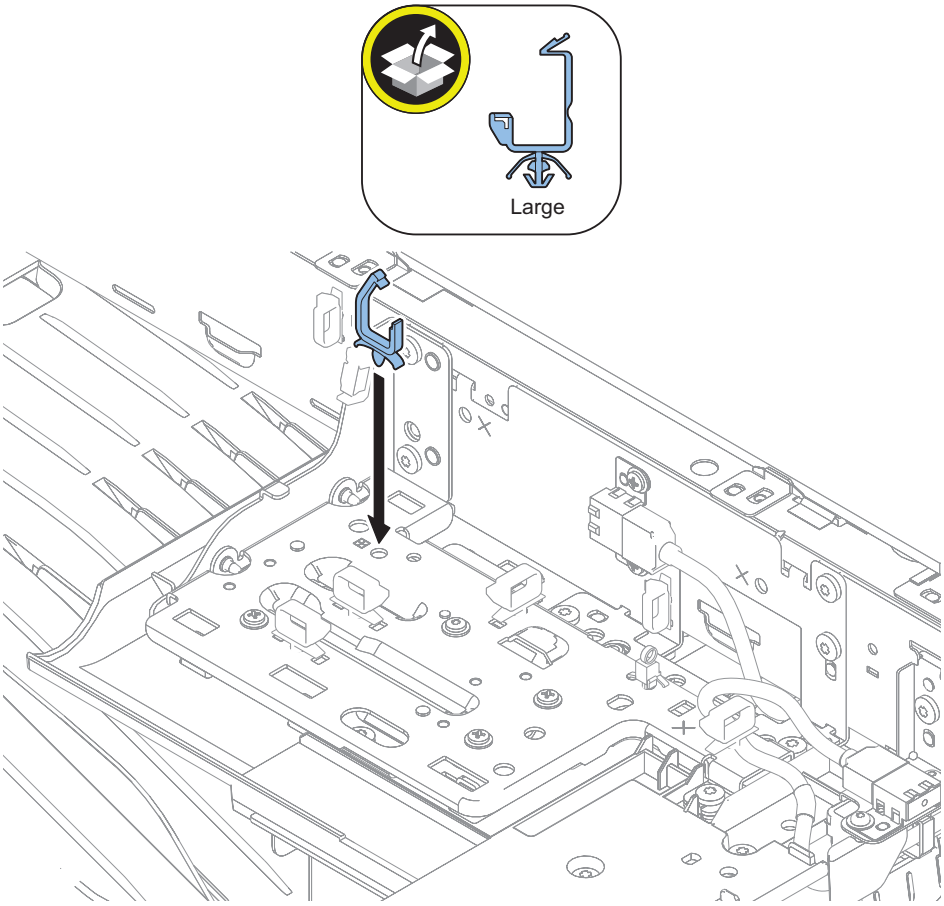
3.



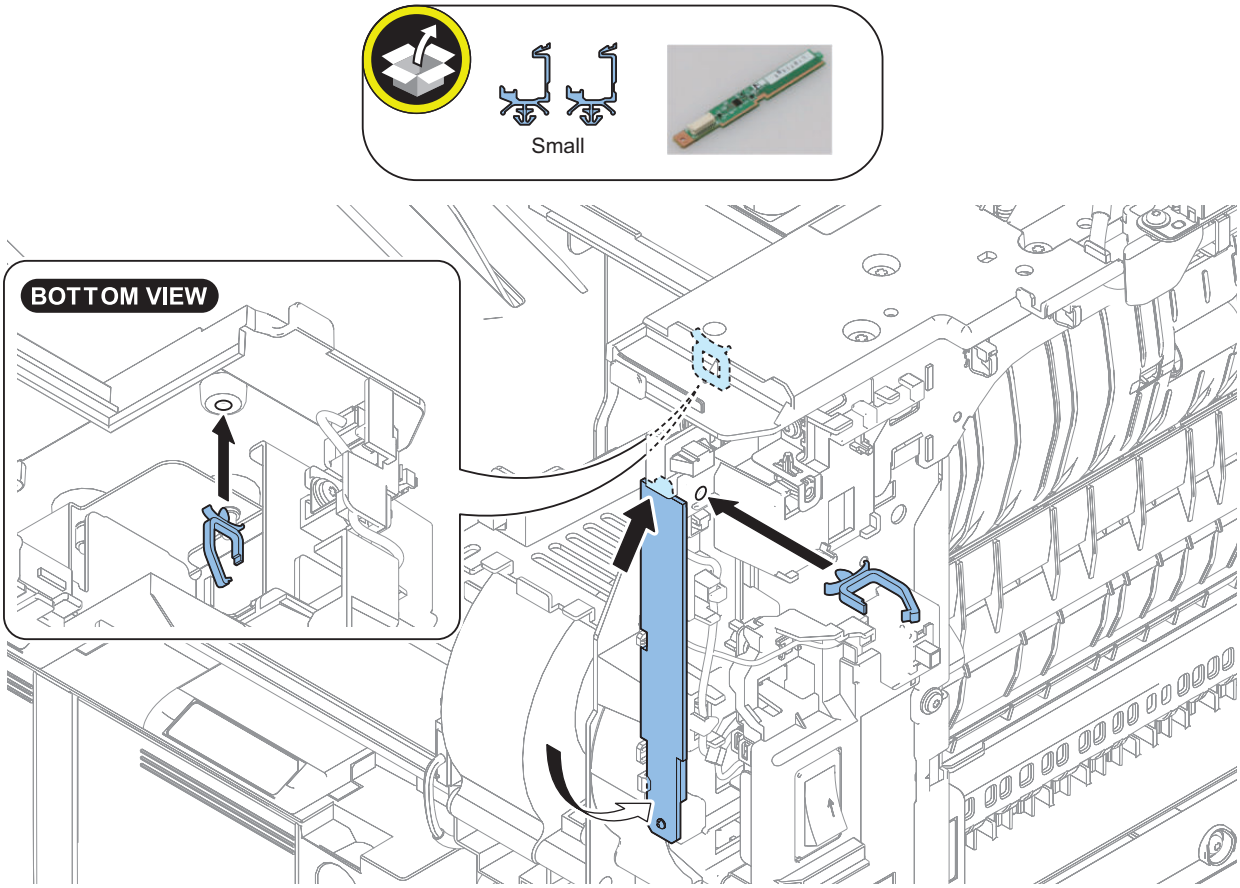
Installing the NFC Kit

□

1.



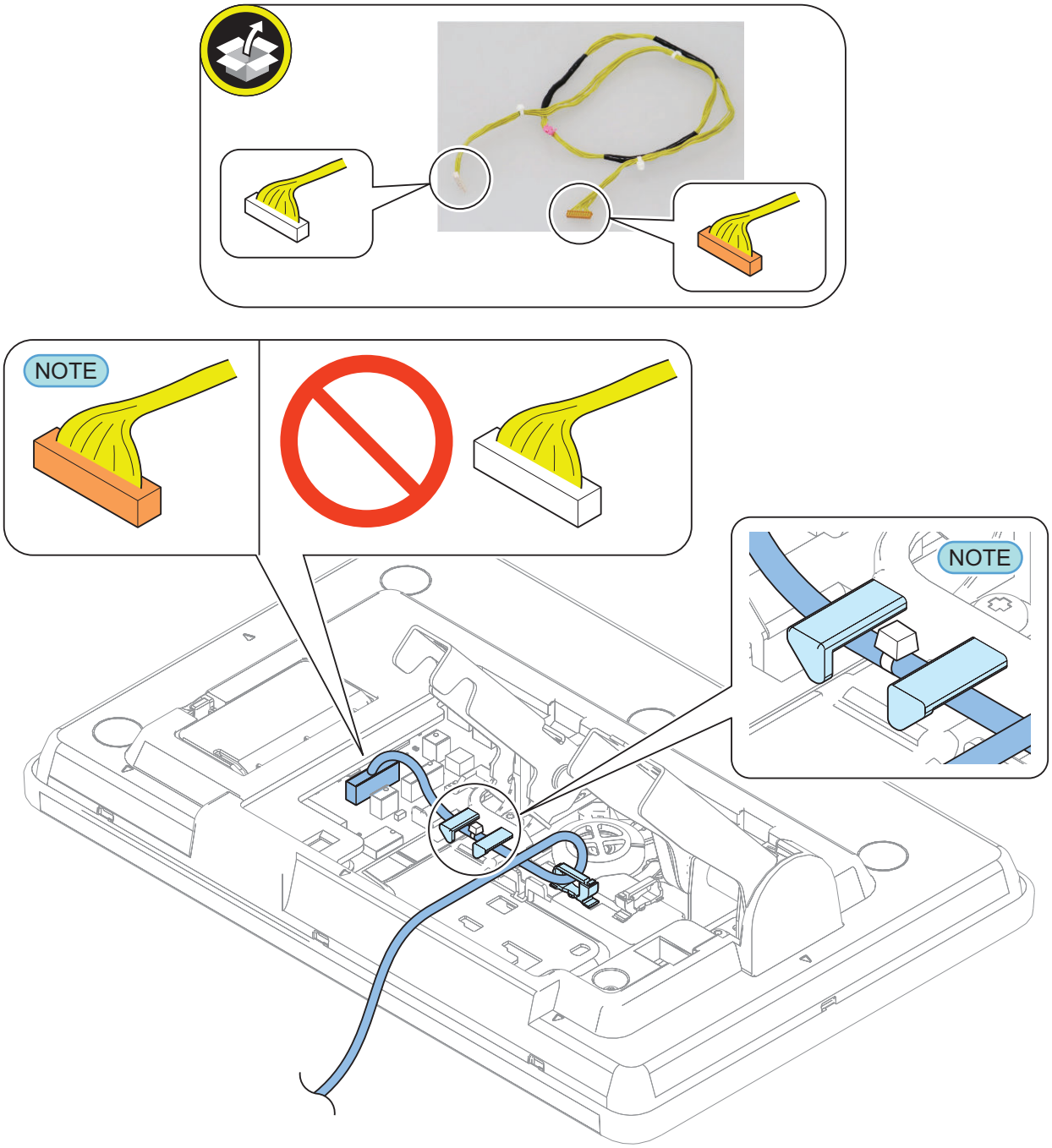
2.



□

3.

NOTE:
- Connect the orange colored connector.
- Secure the Harness Band to the position in the figure below.



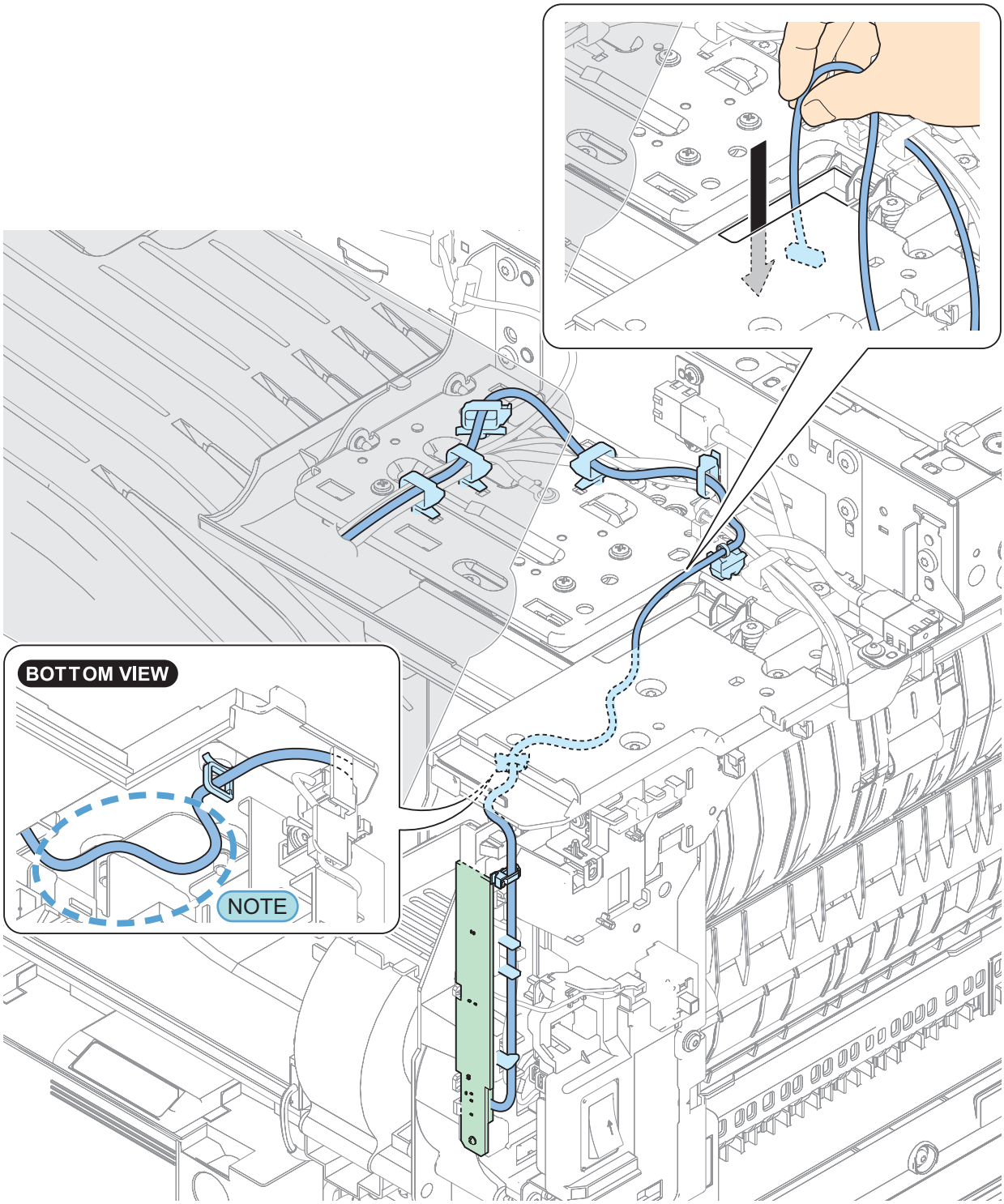
□

4. Installing the Control Panel

□

5.

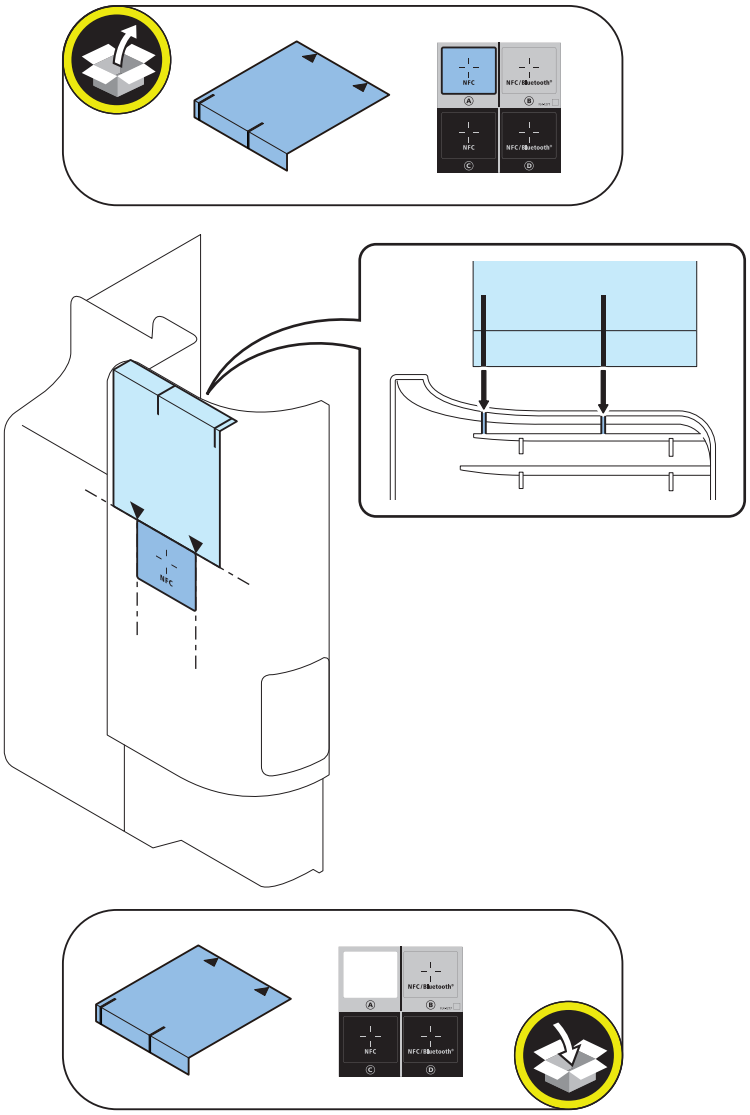
NOTE:
Adjust the excess length of the cable.



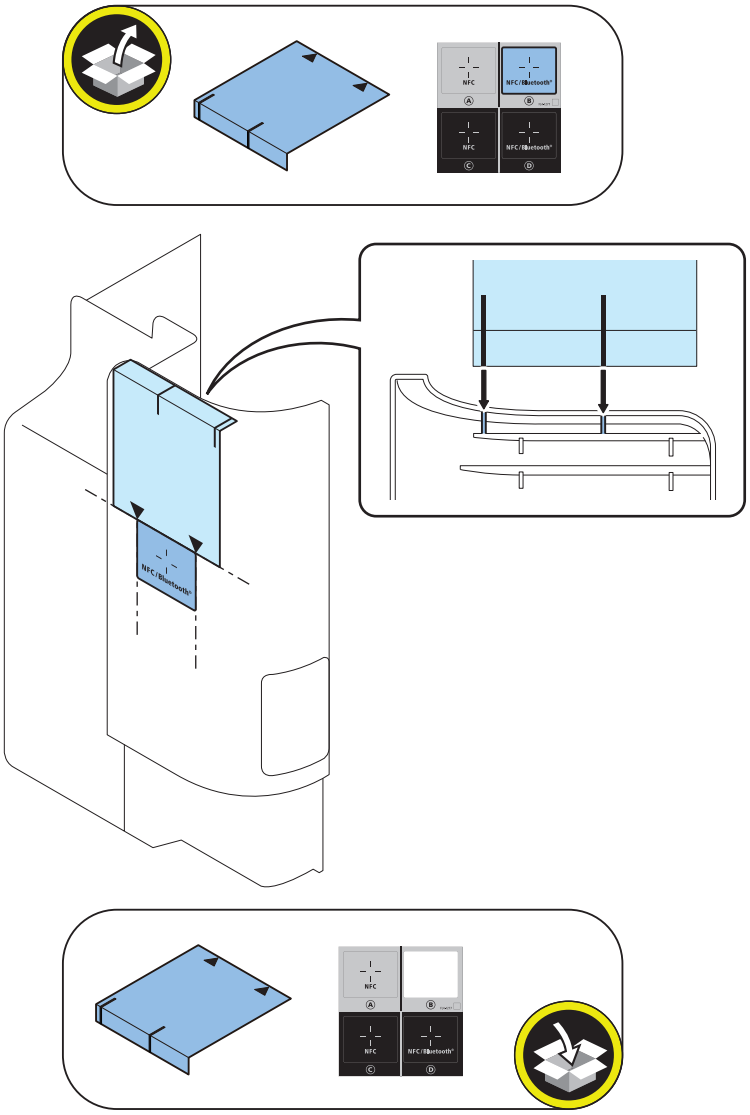
□

6.

<For NFC Kit>


NFC
NFC/Bluetooth*
NFC
NFC/Bluetooth*
NFC
NFC/Bluetooth*
NFC
NFC/Bluetooth*

<When the Connection Kit for Bluetooth LE is installed>



□

7. **Installing the Covers**

Setting after Installation

□

1. Connect the power plug of the host machine to the outlet.
2. Turn ON the main power switch.
3. Eenter service mode and set the value to "1".
   COPIER > FUNCTION > INSTALL > NFC-USE

NOTE:
When [System Manager Information Settings] is set, it is required to log in as a system manager in accordance with instructions of the user administrator.

4. Select [Settings/Registration] > [Management Settings] > [Device Management] > [Use NFC Card Emulation], and set the item to "ON".
5. Turn OFF and then ON the main power switch.

6. When a message prompting the version update is displayed, press [Update] and automatically update the version of this equipment.

CAUTION:
It may take time to display the update screen. (Approx. 1 to 2 min.) During this time, do not operate the screen.

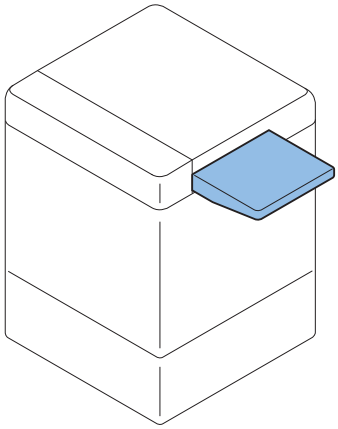
7. Check the end of the following service mode.
   COPIER > DISPLAY > VERSION > PANEL
   - If the end is an even number (e.g. 01.26): NFC is not installed.
   - If the end is an odd number (e.g. 01.27): NFC is installed.

Utility Tray-B1/Option Attachment kit for Reader-A2

Points to Note at Installation

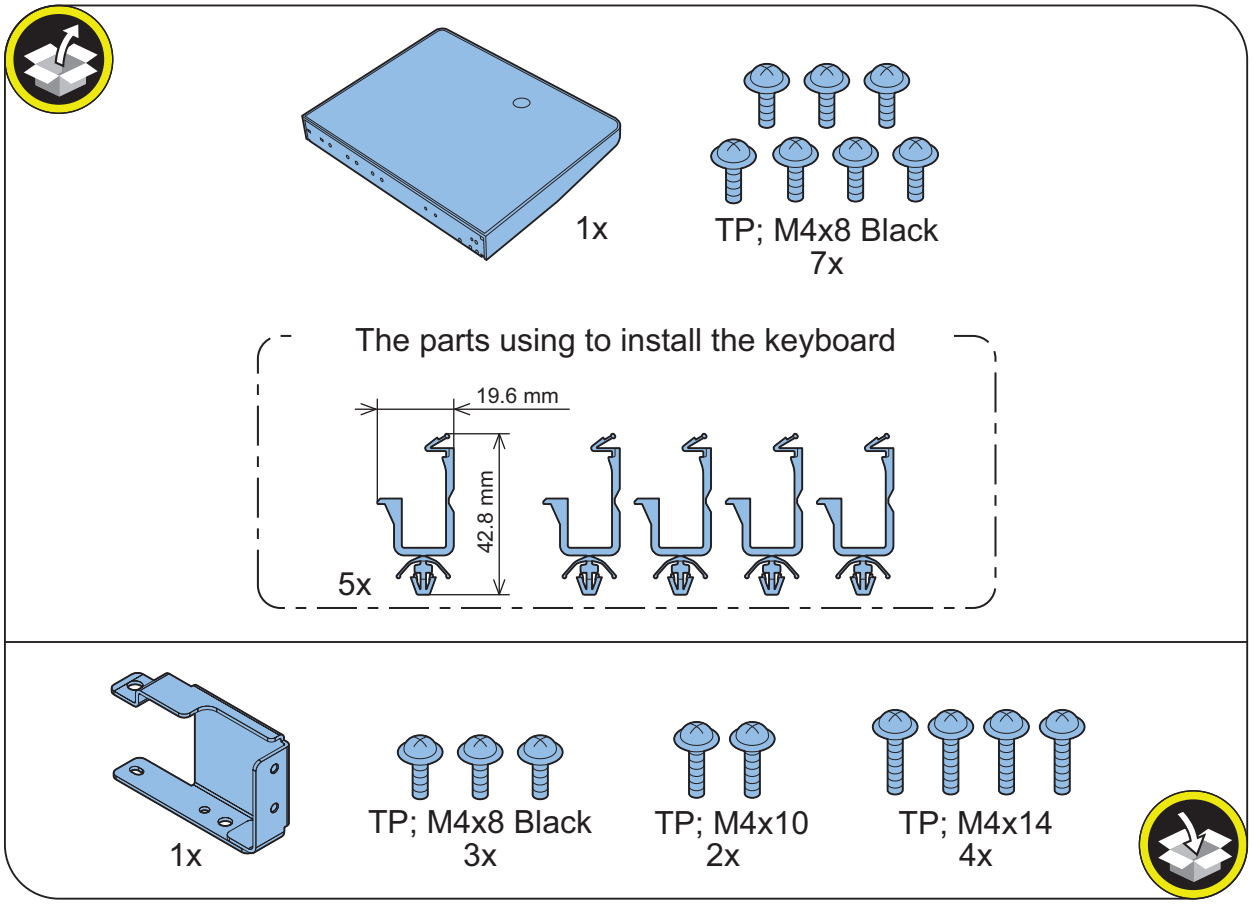
- The option "Option Attachment kit for Reader" is needed to install this equipment.
- When using this equipment together with the Copy Tray, install this equipment first.
- Refer to "Table of Options Combination" when installing this equipment before operation.

Installation Outline Drawing

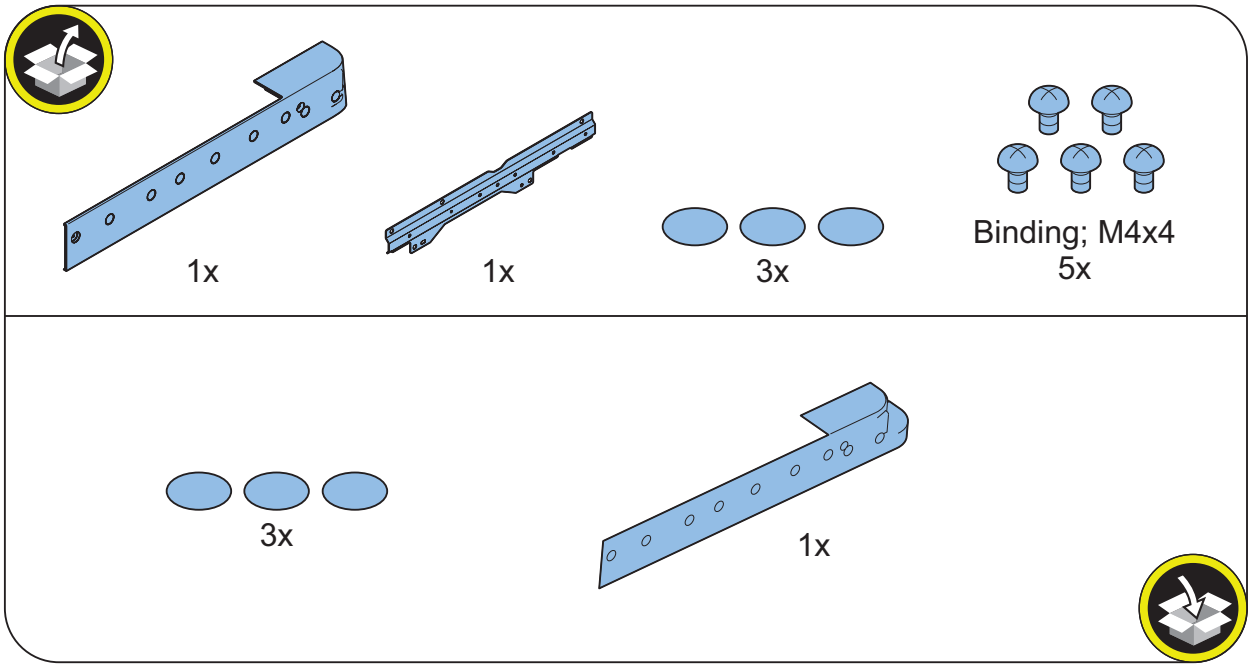


Checking the Contents

■ Utility Tray-B1



■ Option Attachment kit for Reader-A2

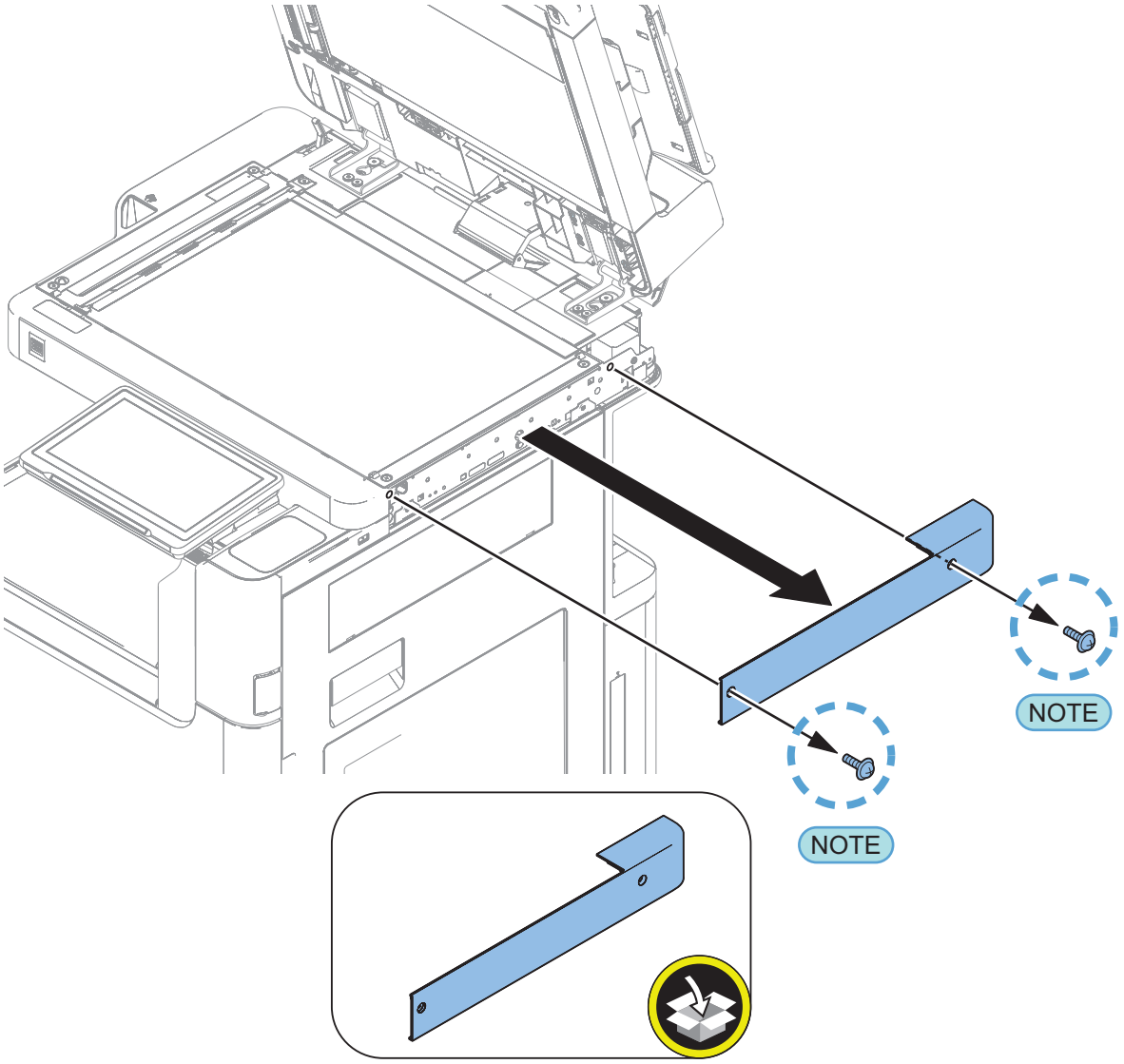


Installation Procedure

■ Removing the Covers

□

1.



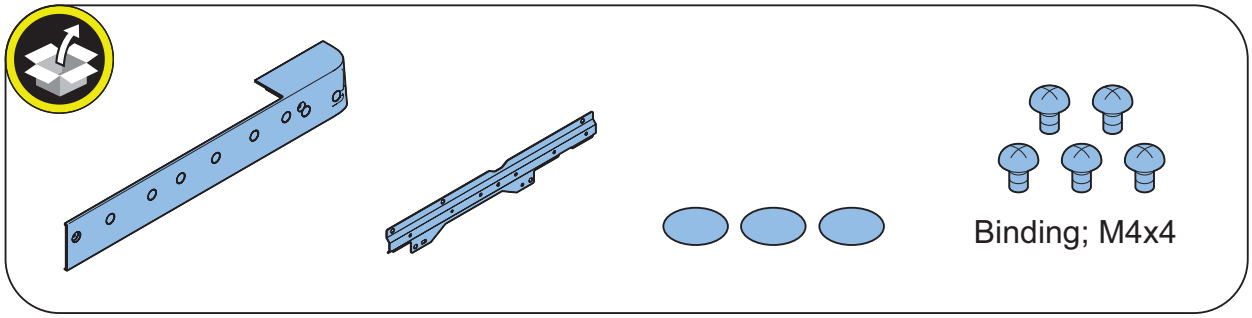
NOTE:
The removed screws will be used at later step.

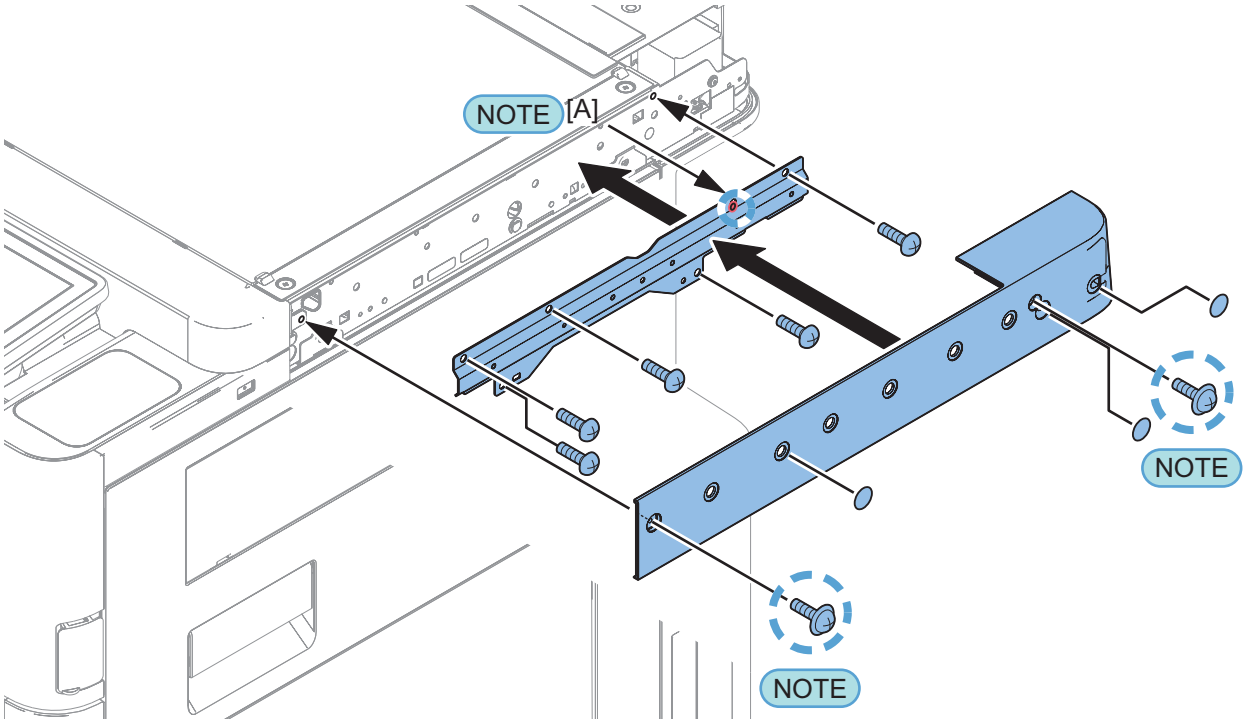
■ Option Attachment kit for Reader-A2

□

1.

NOTE:
- Installing the covers removed in the previous step.
- Screw holes [A] may or may not be present.
- Do not use this screw hole [A].

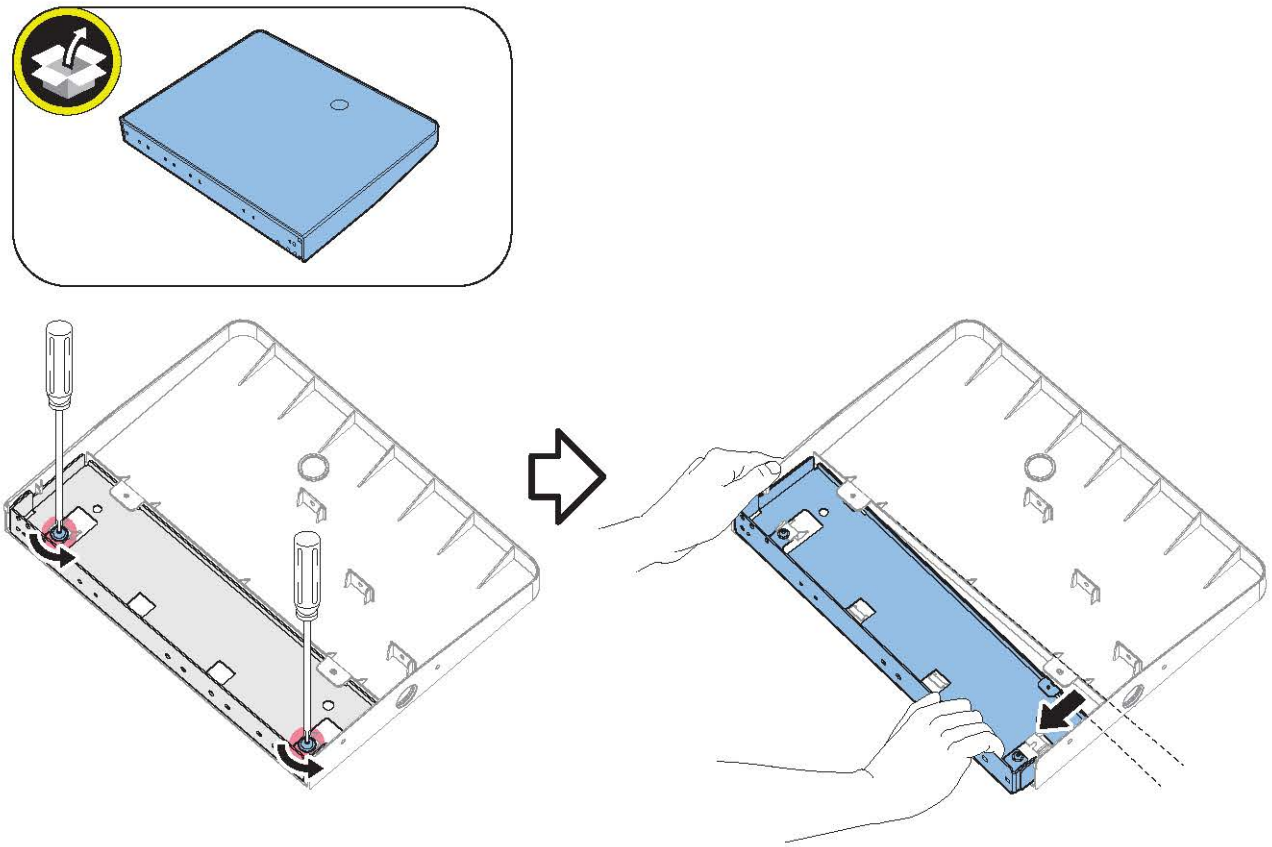




■ Installing the Utility Tray-B1

□

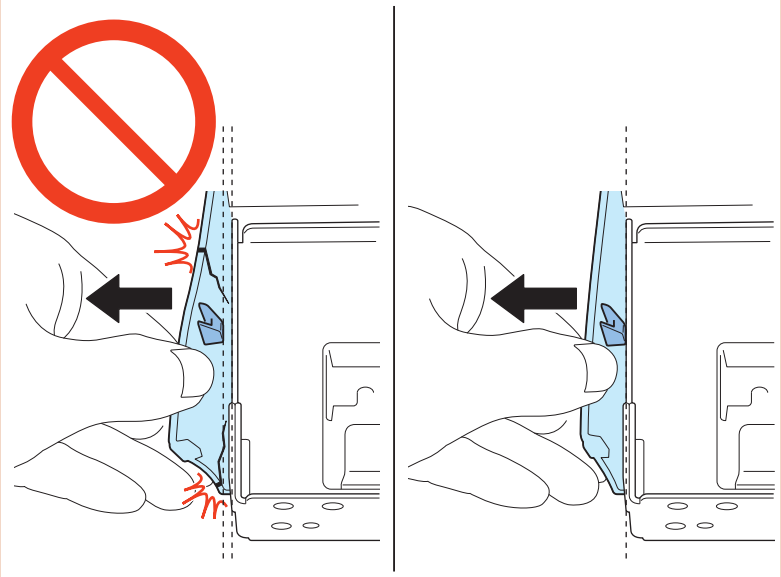
1.

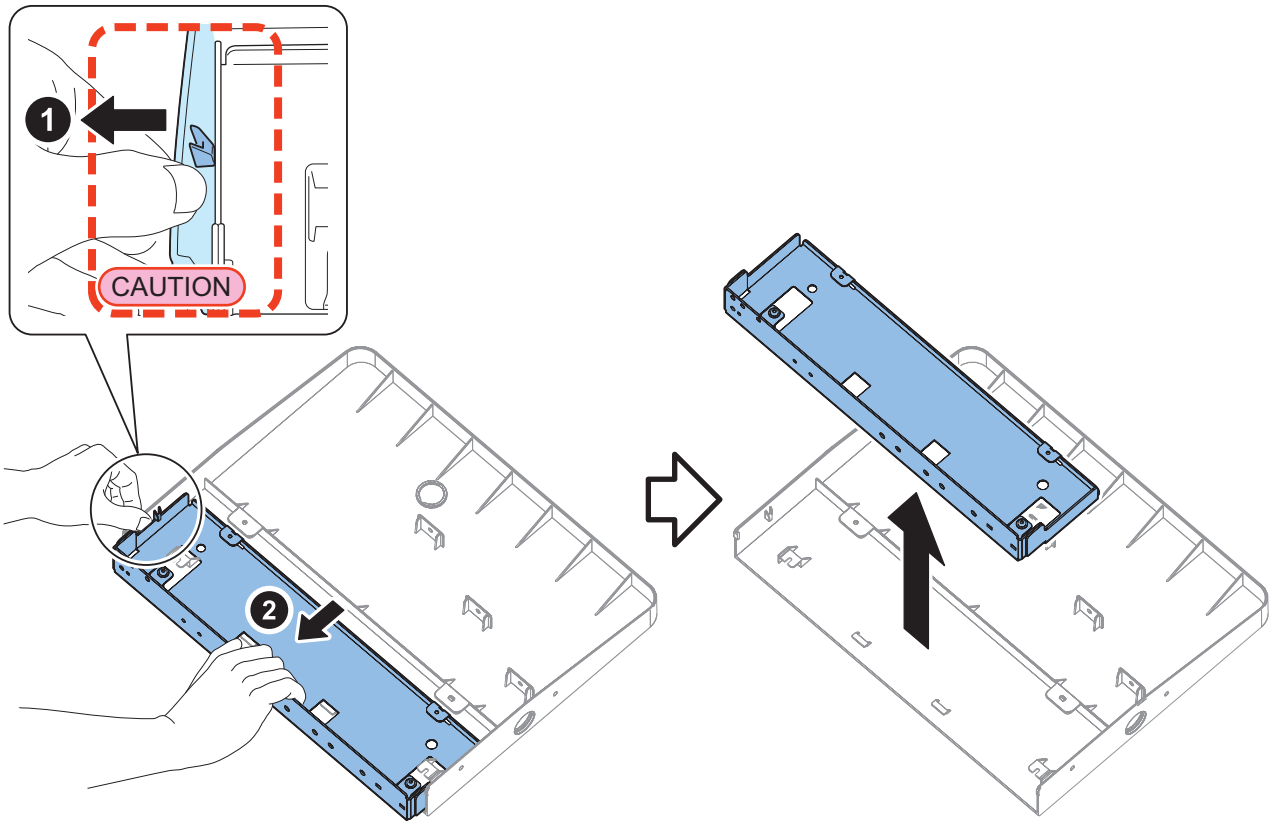


□

2.

CAUTION:
To avoid damage, do not pull the Utility Tray too much.

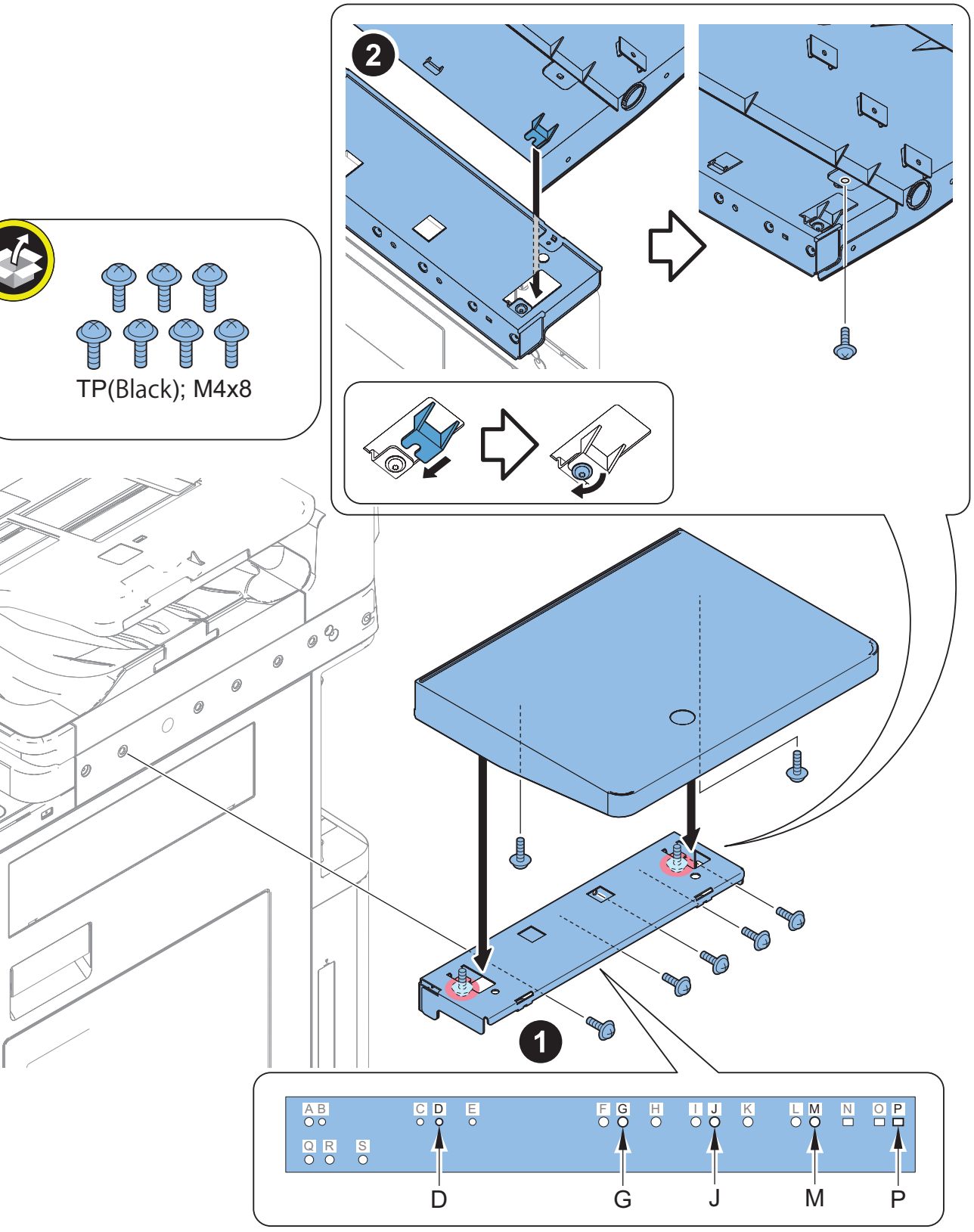




□

3.

CAUTION:
Be sure to install it by using the holes with the marks D, G, J, M and P.



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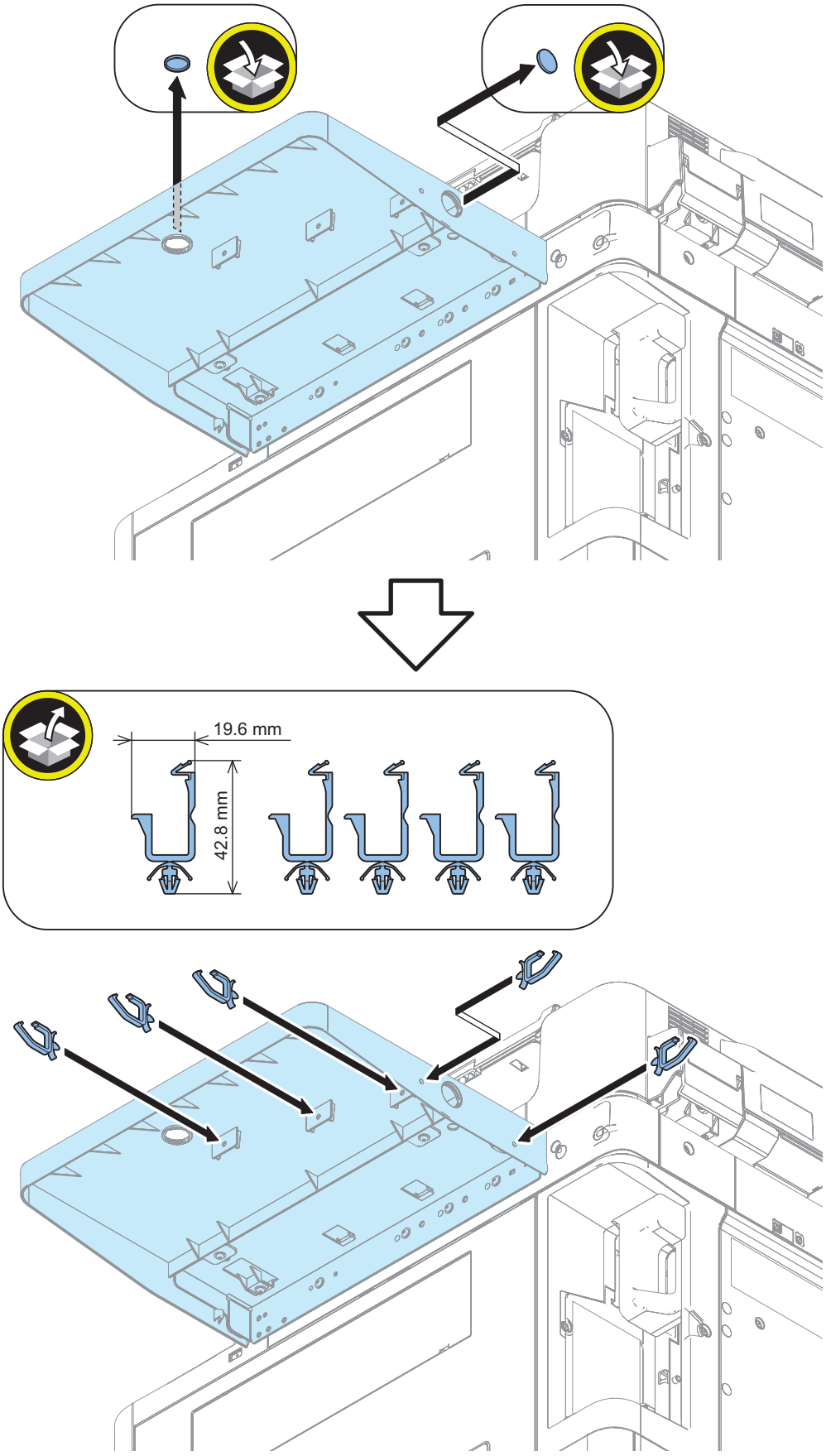
□

4.

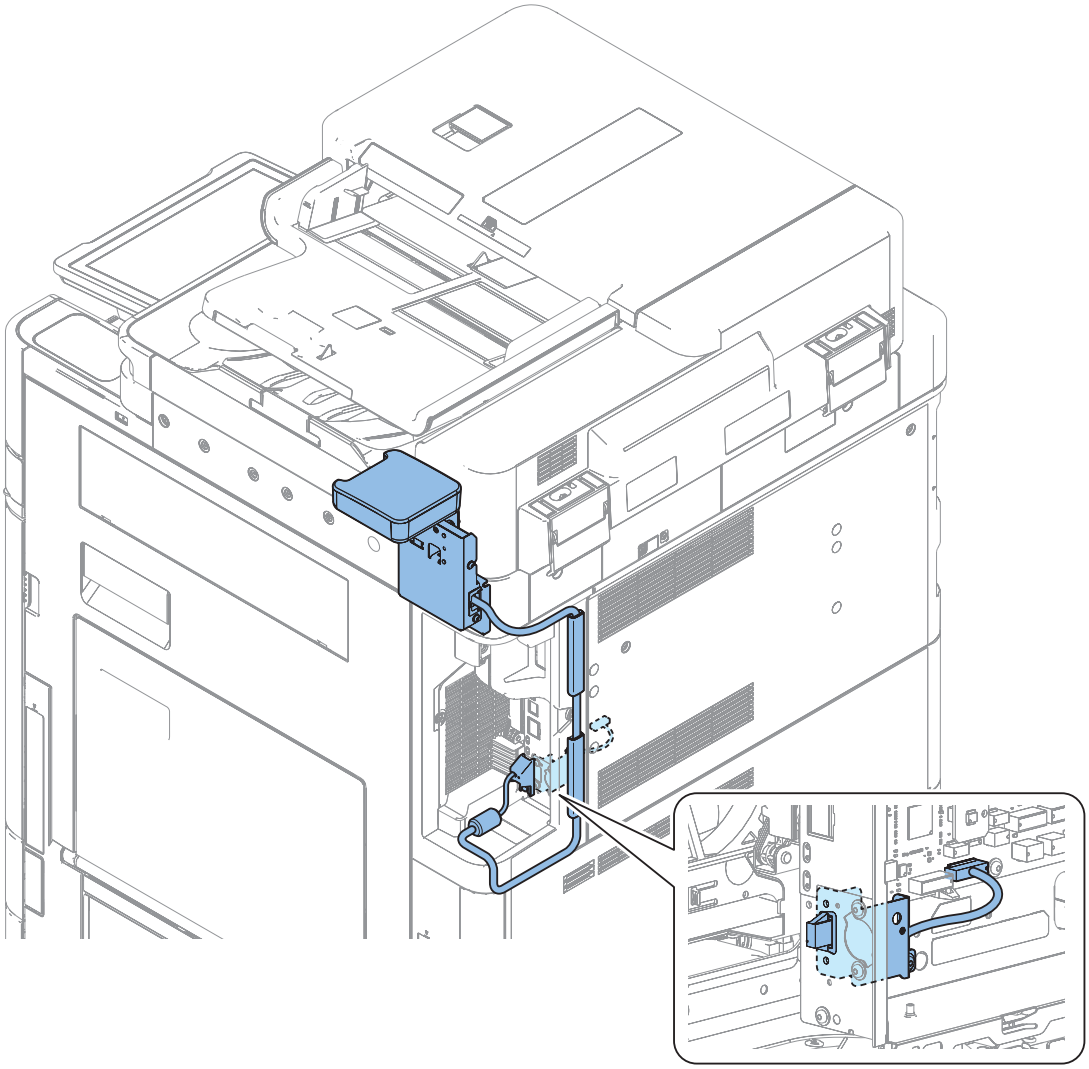


Copy Card Reader-F1/Copy Card Reader Attachment-B7

Points to Note at Installation

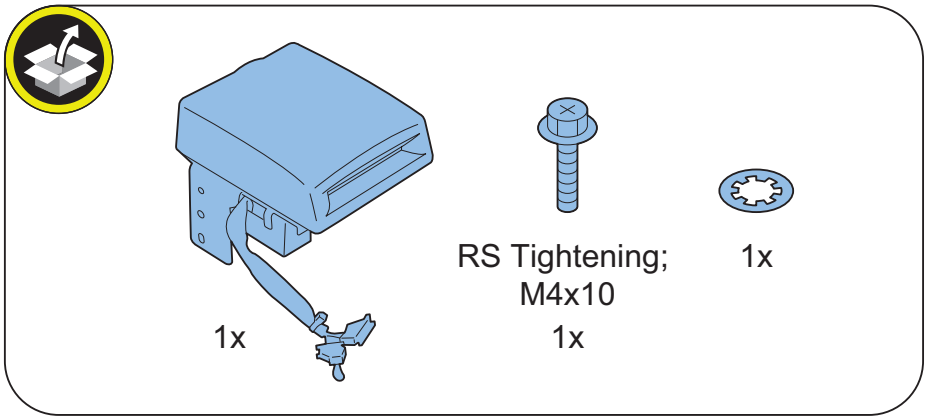
- To install this equipment, the Copy Card Reader Attachment Kit is required.
- Refer to "Table of Options Combination" when installing this equipment before operation.
- When using options and the Copy Card Reader together, install the Copy Card Reader first.

Installation Outline Drawing

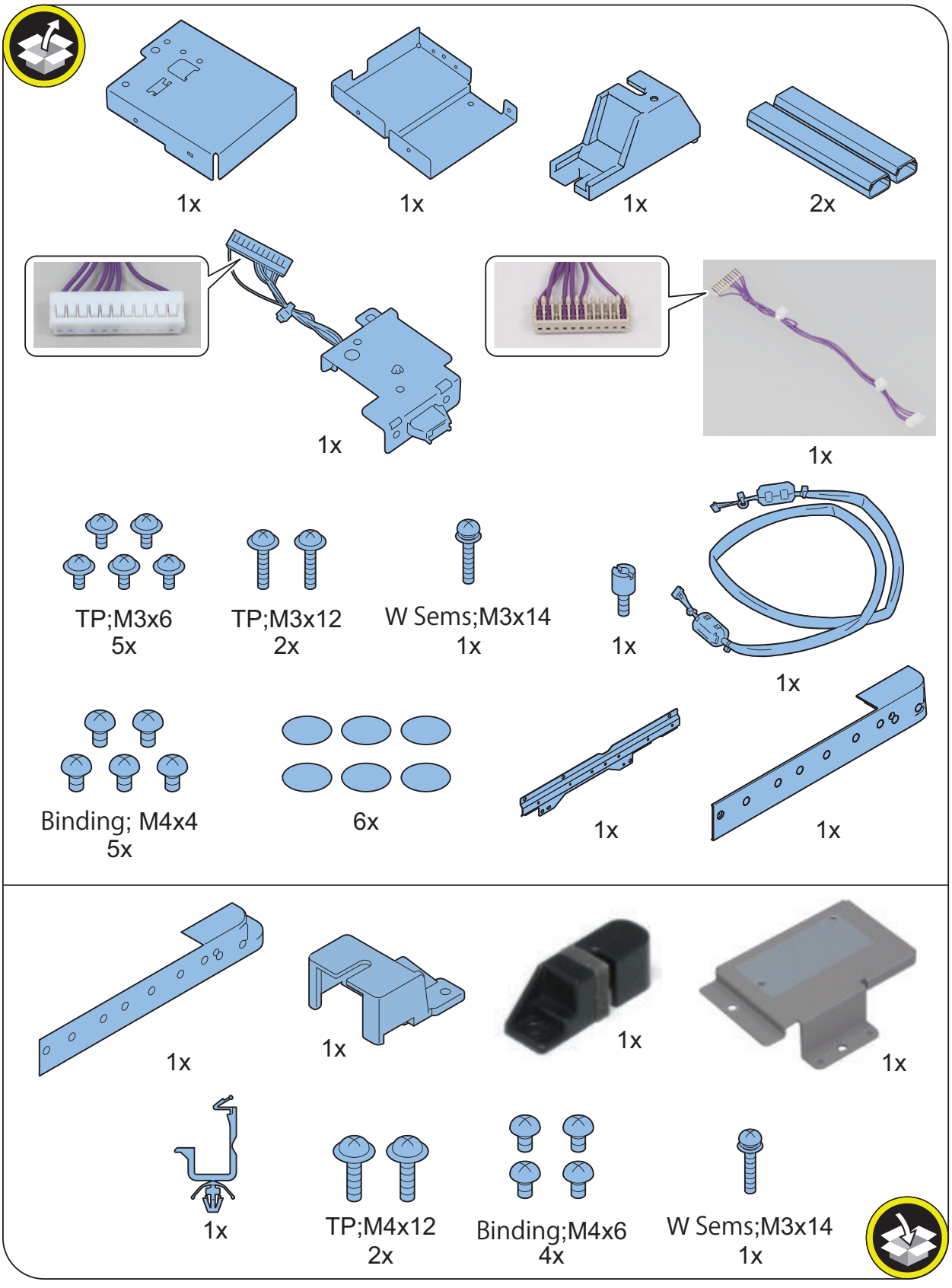


Checking the Contents

■ Copy Card Reader-F1



■ Copy Card Reader Attachment-B7



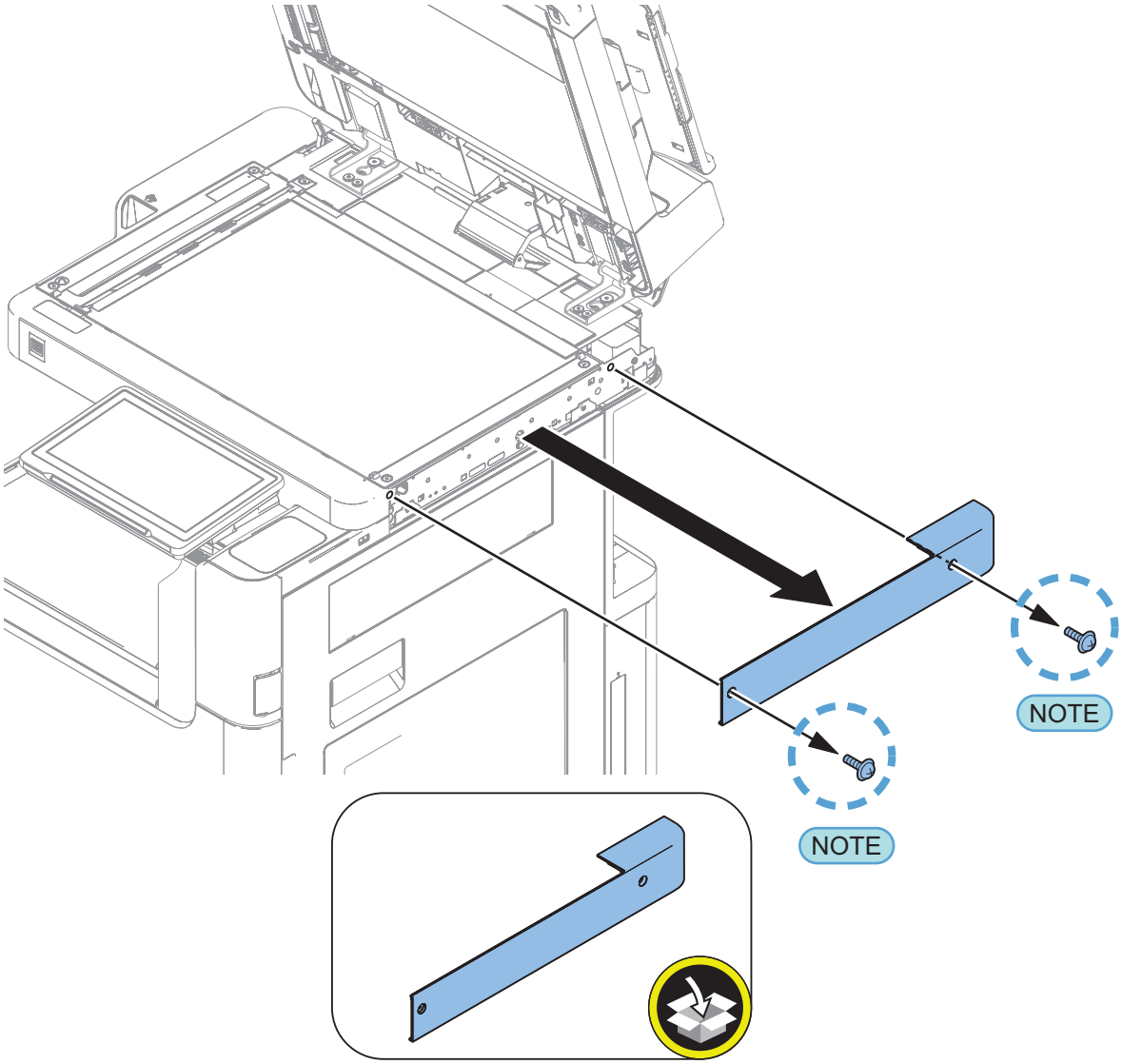
Installation Procedure

CAUTION:
After installing the Copy Card Reader, enter the card number to be used in the following service mode: COPIER > FUNCTION > INSTALL > CARD. Otherwise, the card will not be recognized even if inserting it.

■ Removing the Covers

□

1.



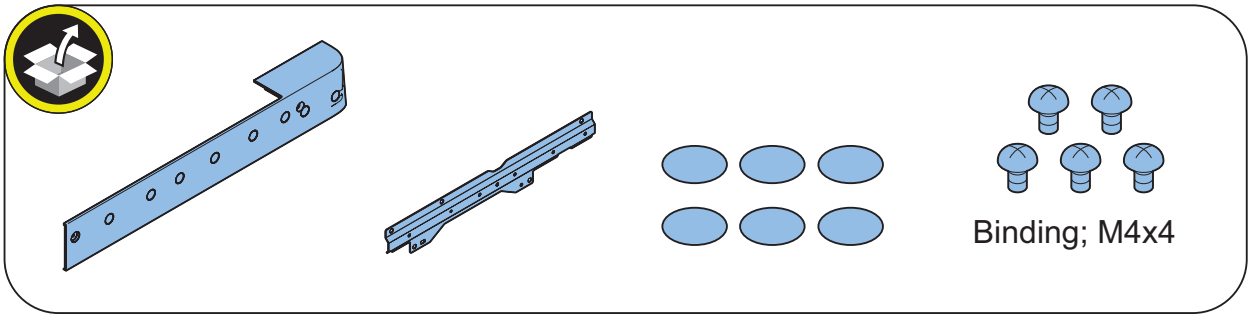
NOTE:
The removed screws will be used at later step.

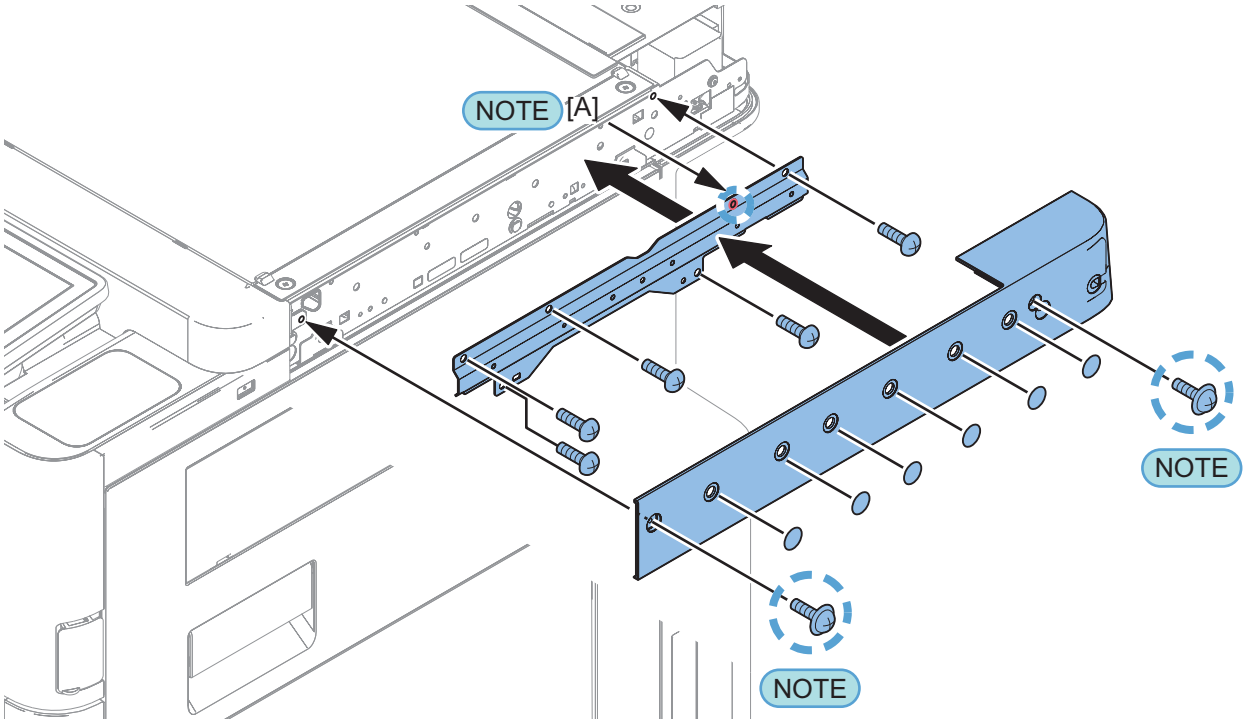
■ Option Attachment kit for Reader-A2

□

1.

NOTE:
- Installing the covers removed in the previous step.
- Screw holes [A] may or may not be present.
- Do not use this screw hole [A].

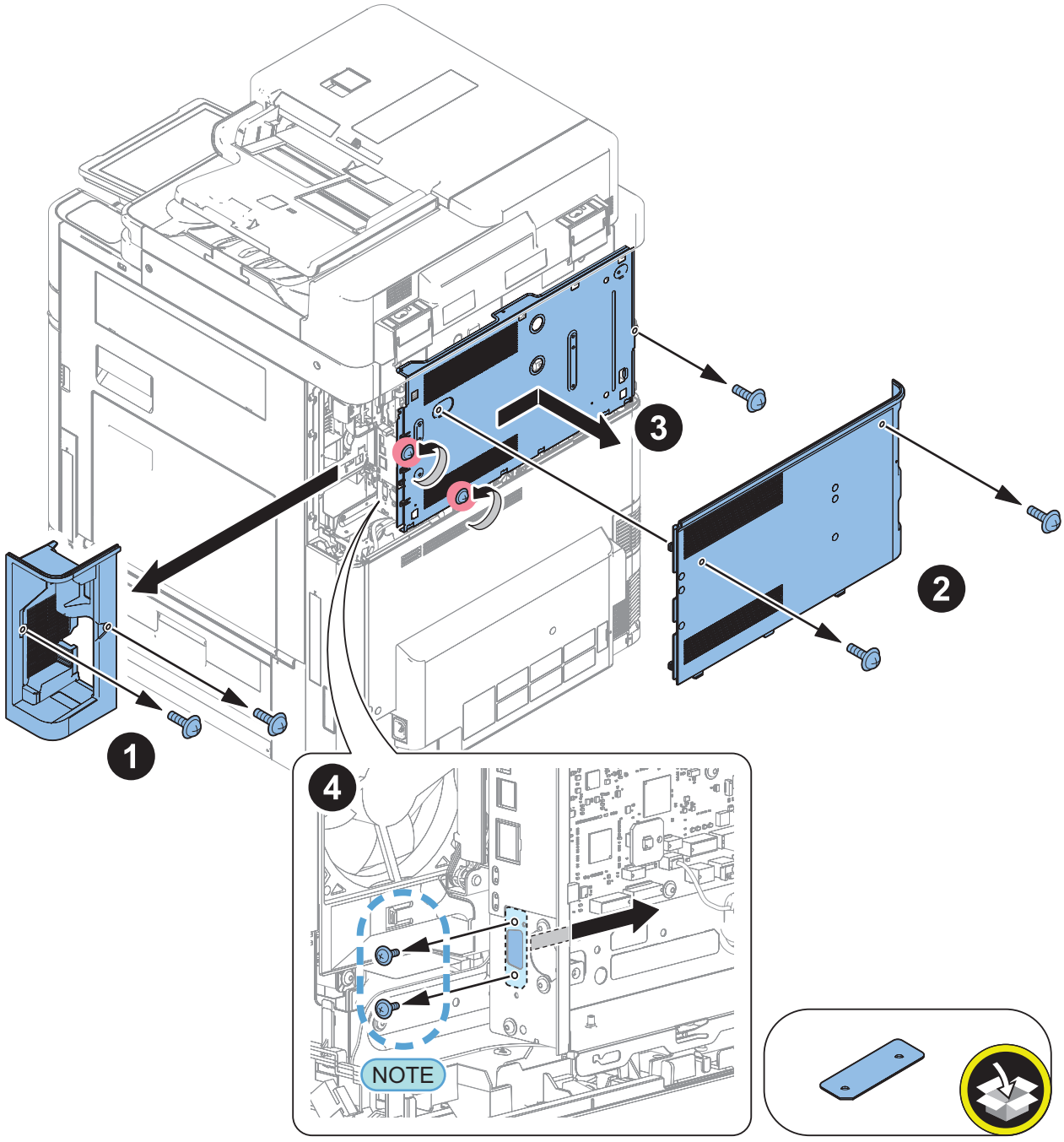




■ Removing the Covers

□

1.

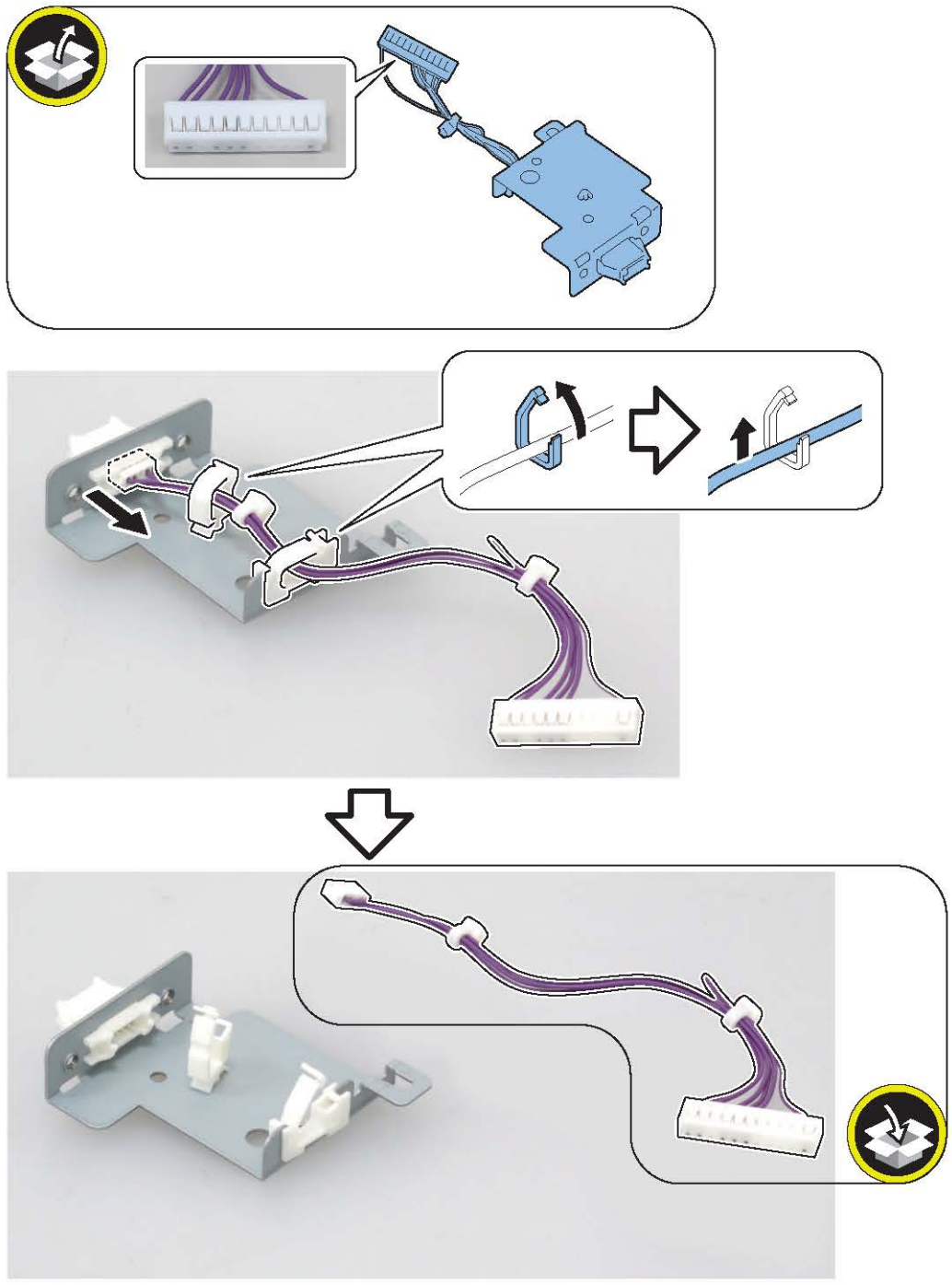


NOTE:
The removed screws will be used at later step.

■ Installing the Copy Card Reader

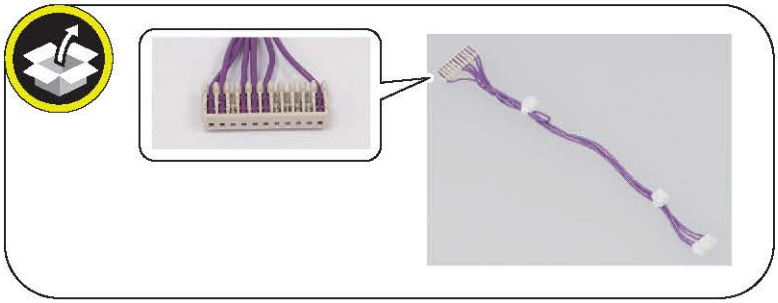
□

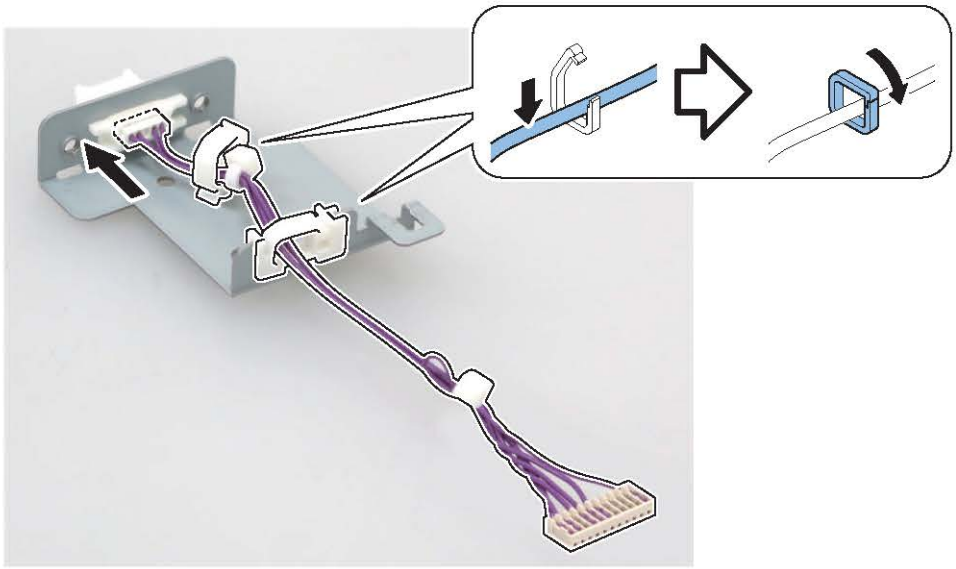
1.



□

2.

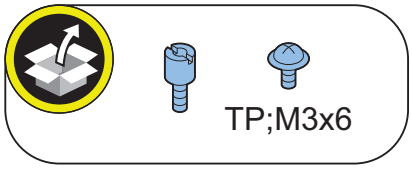


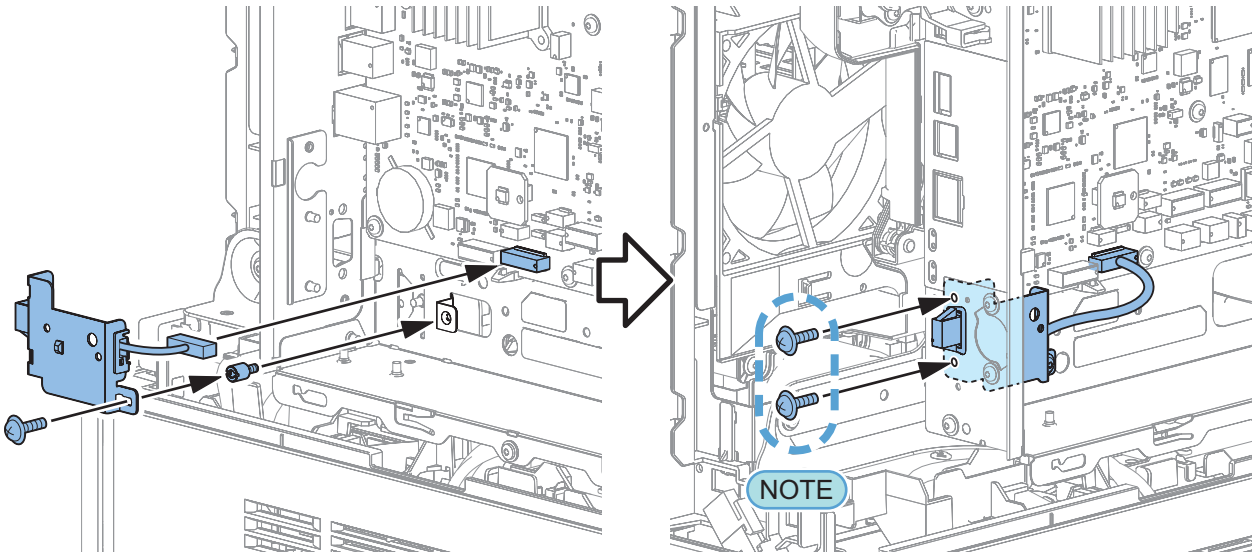


□

3.

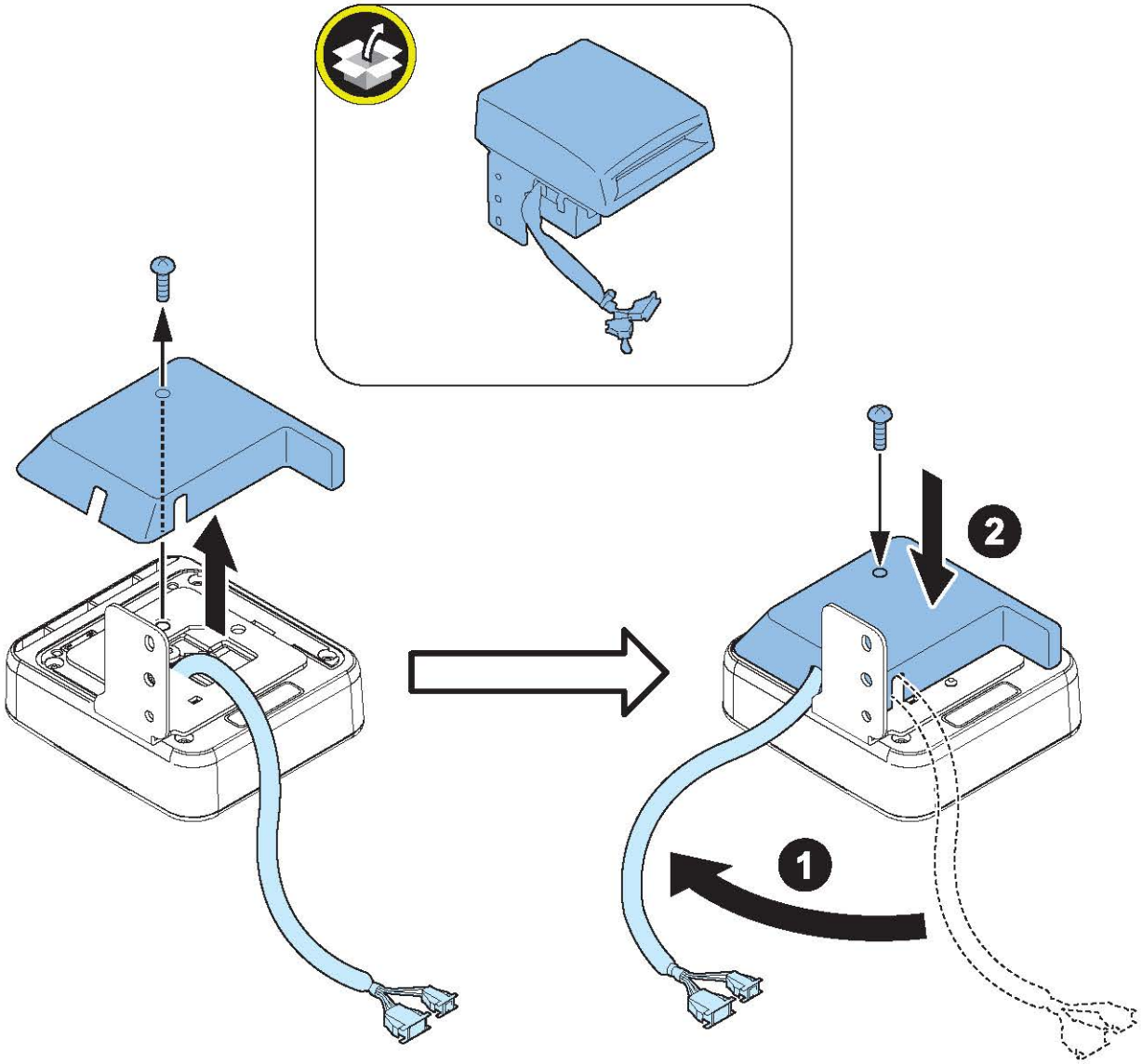
NOTE:
Installing the screws removed in the previous step.



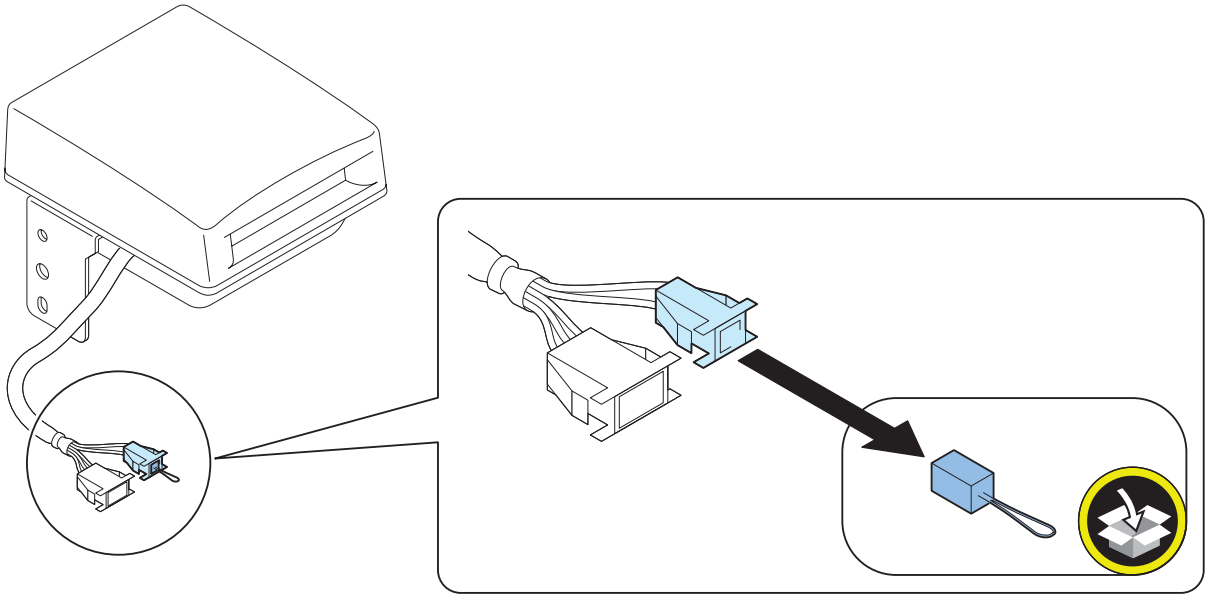


□

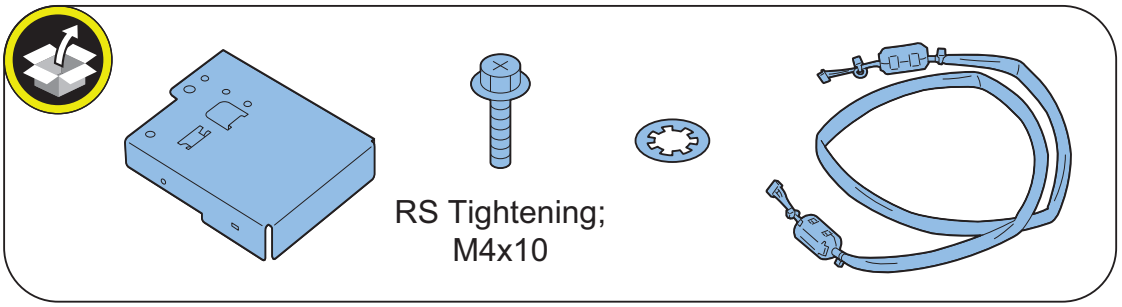
4.

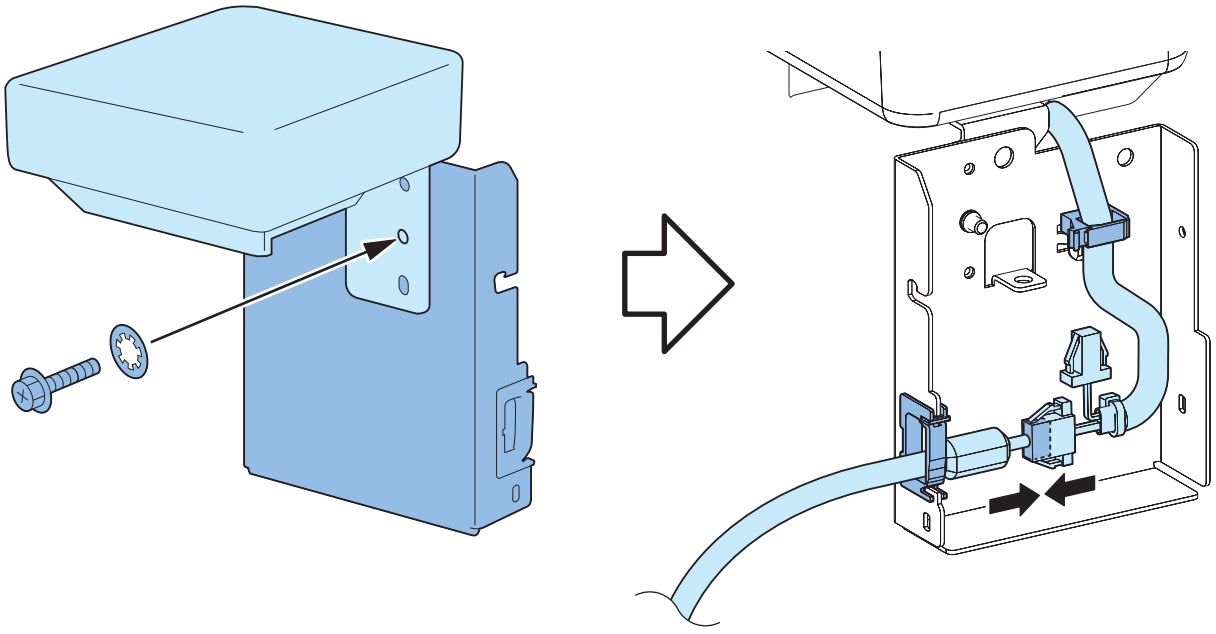


□
5.



□
6.





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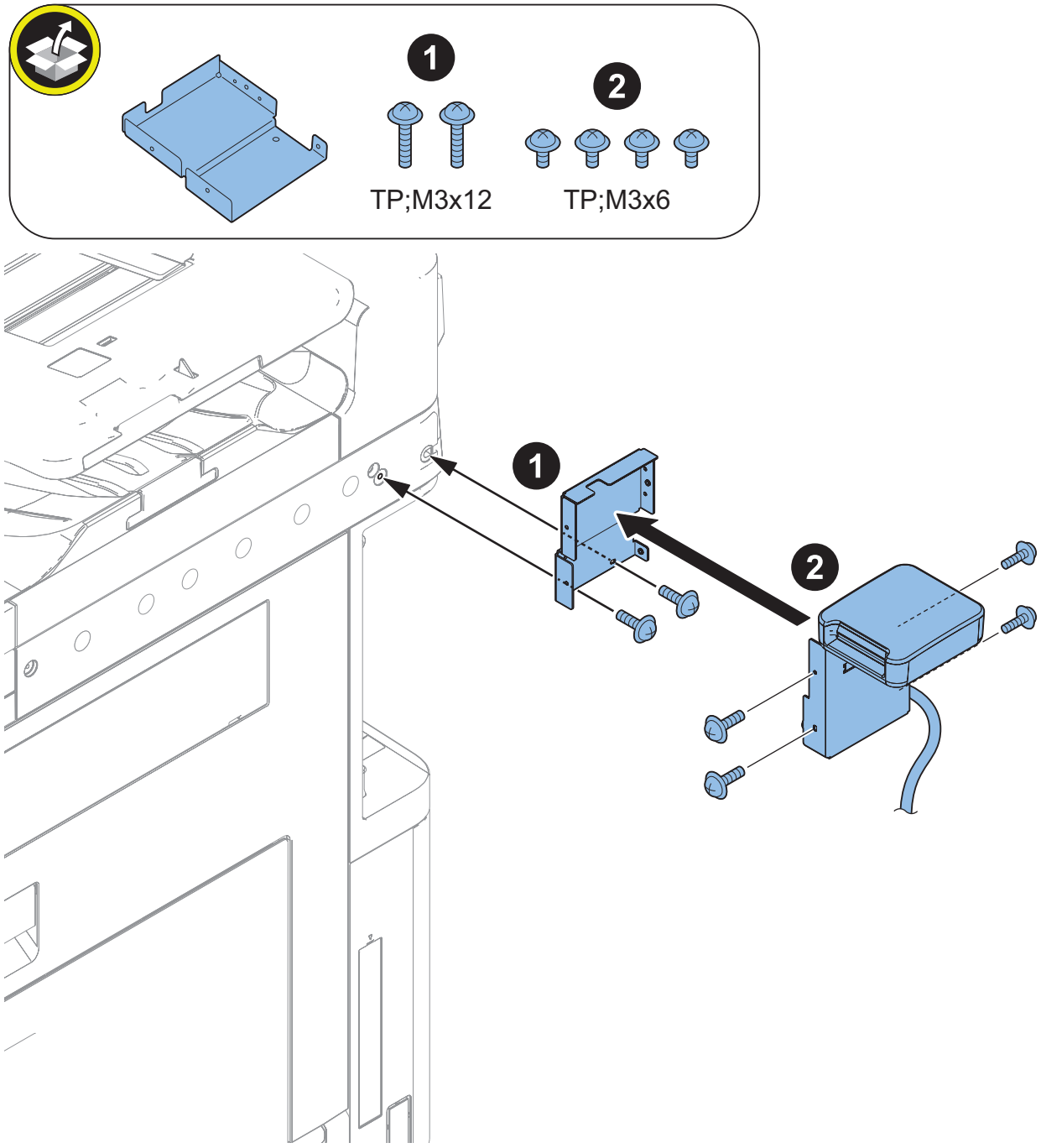
7.

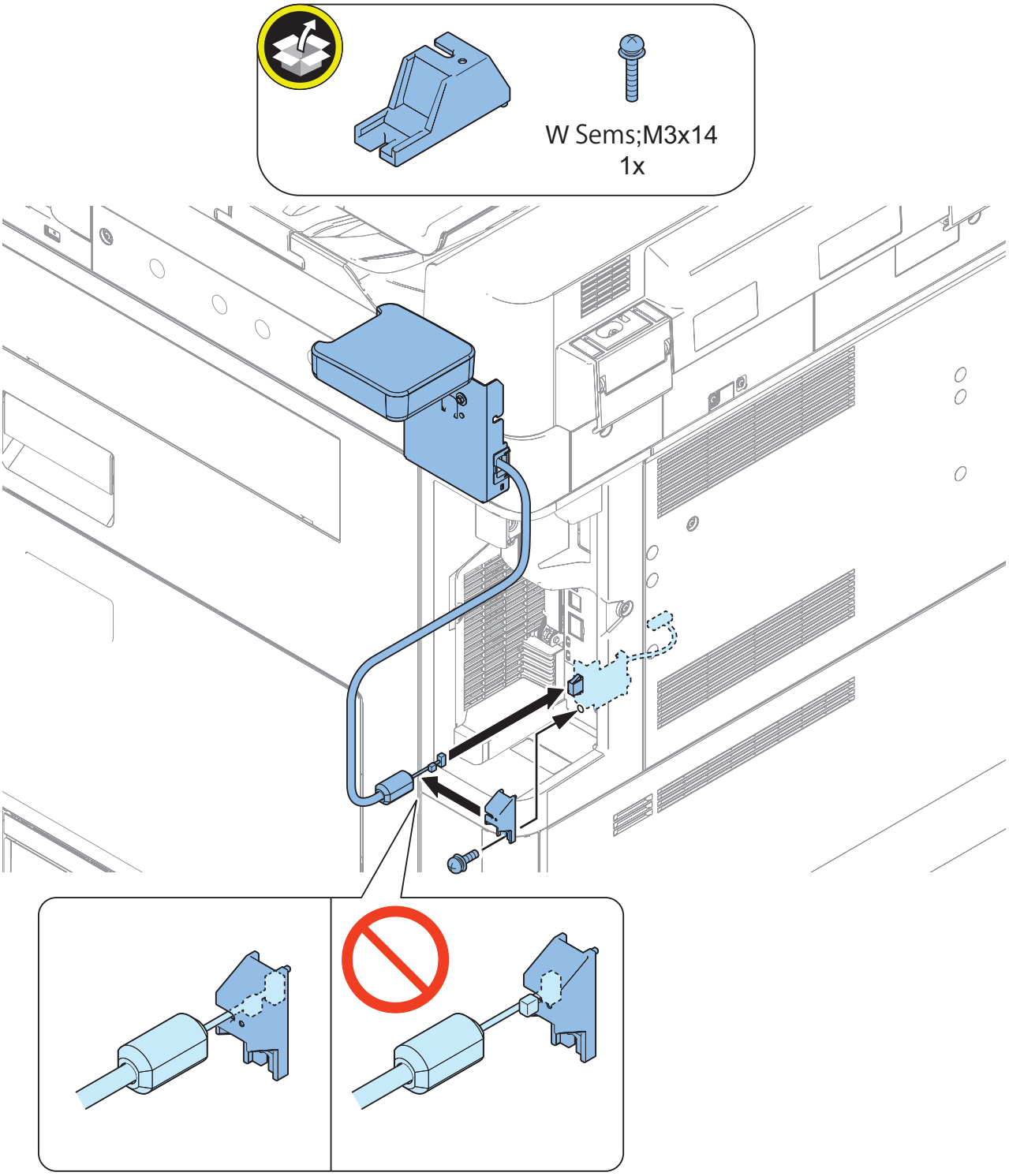


☐

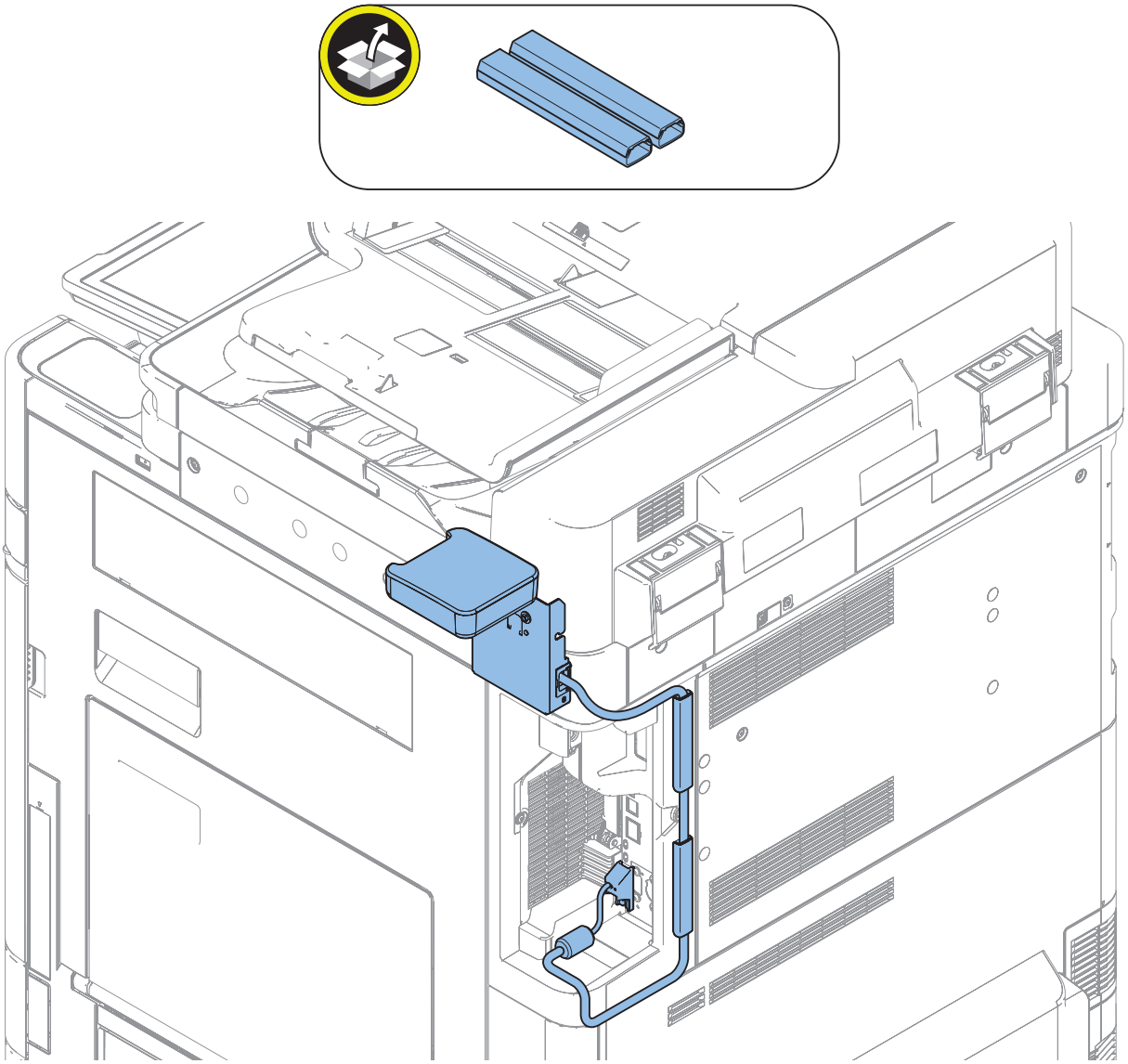
8. **Installing the covers removed in the previous step.**

□

9.



10.



Checking after Installation

1. **Connect the power plug of the host machine to the power outlet.**
2. **Turn the main power switch ON.**
3. **Check the model of the Card Reader in service mode. (Default: 0 "Card Reader-F1")**
   COPIER > OPTION > ACC > CR-TYPE
4. **Set the number of card (number of department ID) that can be used with the Card Reader in service mode.(Lv.2).**
   COPIER > OPTION > FNC-SW > CARD-RNG
5. **Use Service Mode to enter the minimum card number to be used by a user (1 to 2001).**
   COPIER > FUNCTION > INSTALL > CARD
   Starting from the entered card number, the number of cards set in step 4 can be used.

□

6. **Turn OFF and then ON the main power switch to enable the setting values.**
7. **Insert a card with a card number that has been registered, and check that the machine operates normally.**

NOTE:
Perform the following operations to change the number of cards (departments) after it has been set. In such a case, counter information for each department is reset.
COPIER > FUNCTION > CLEAR > CARD

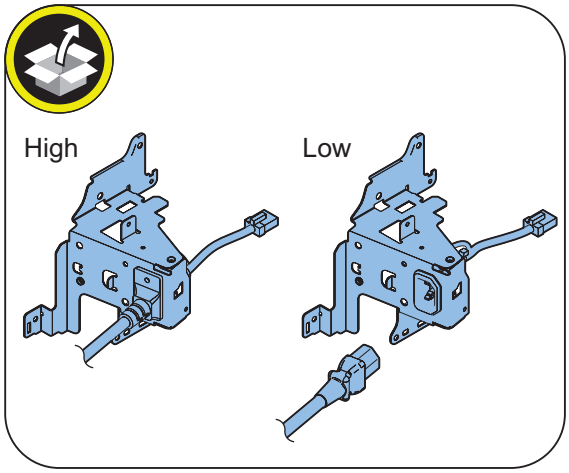
- Turn OFF and then ON the main power switch to enable the settings.
- After that, perform from step 3.

Power Supply Kit W1

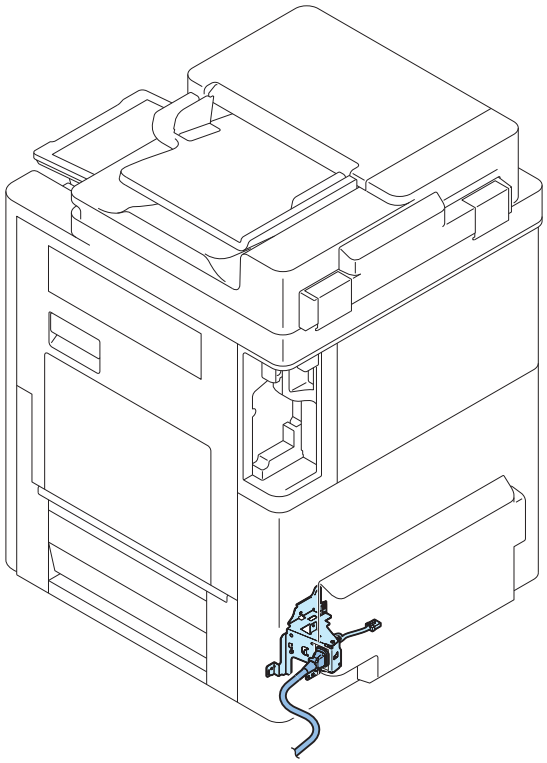
Points to Note at Installation

- Although pictures or illustrations used for explanation may differ from the actual things, the procedure is the same.

Checking the Contents

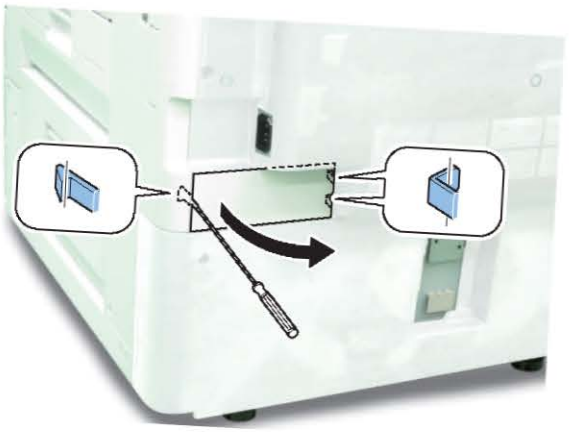


Installation Outline Drawing



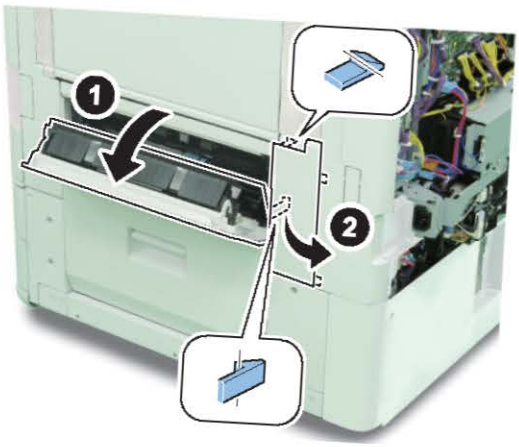
Installation Outline Drawing

1.

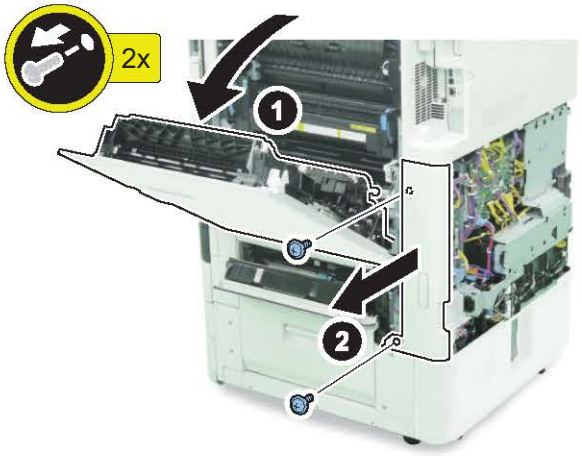


2.

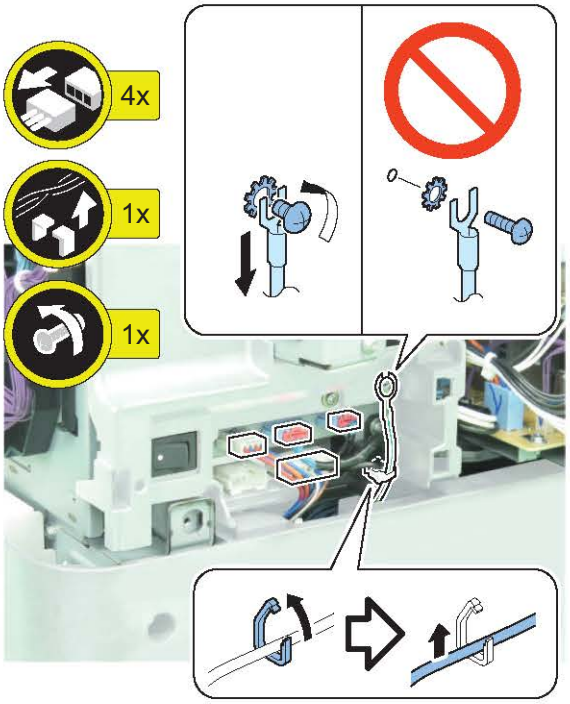
3.



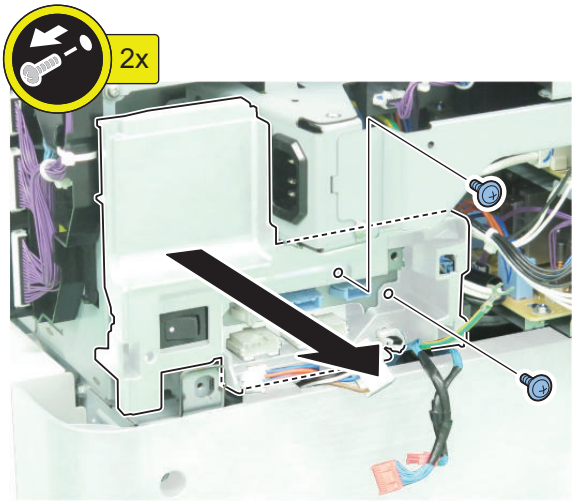
□
4.



□
5.



□
6.



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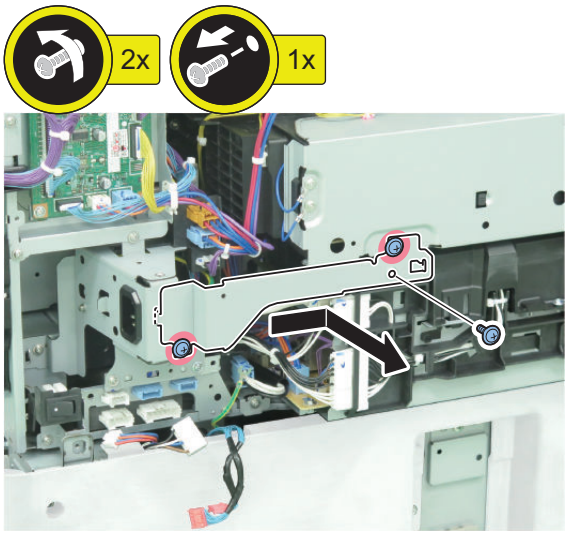

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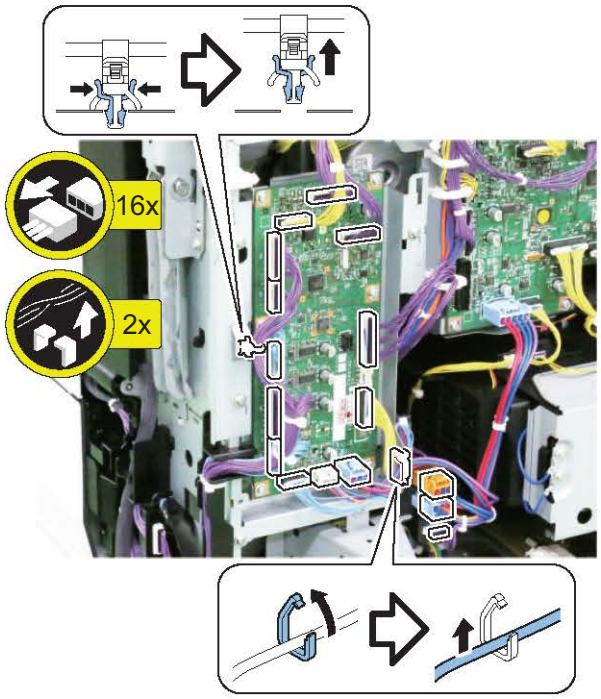

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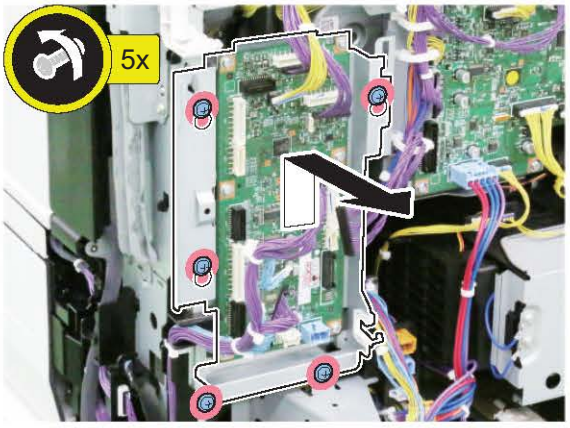

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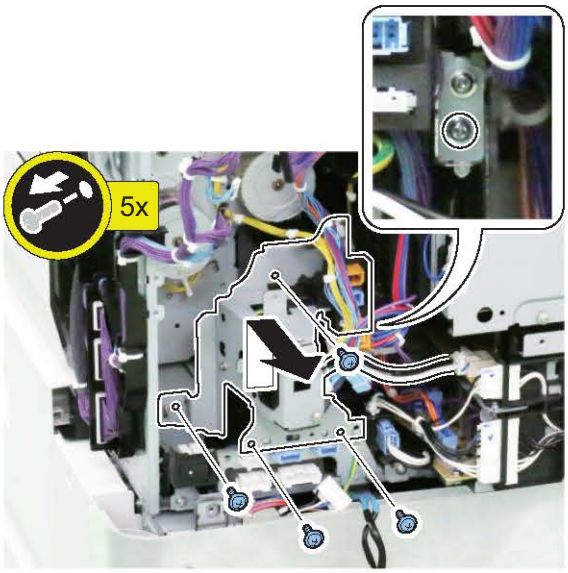

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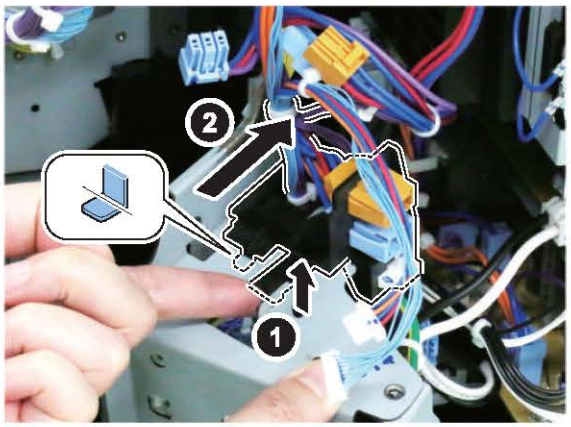

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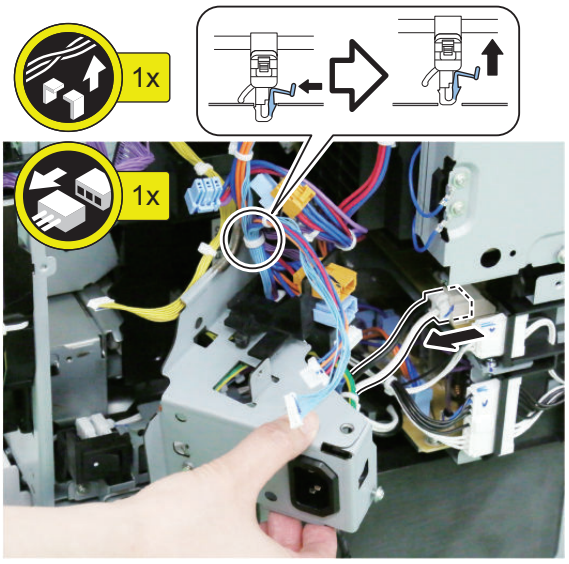

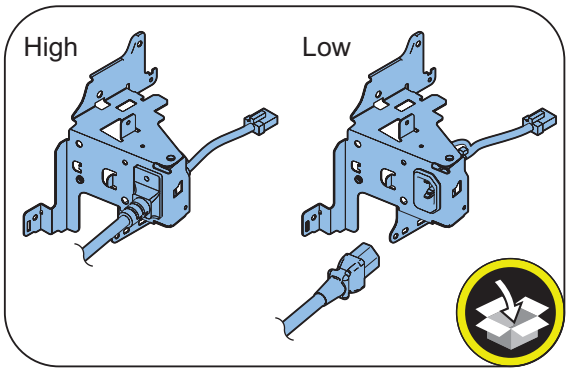

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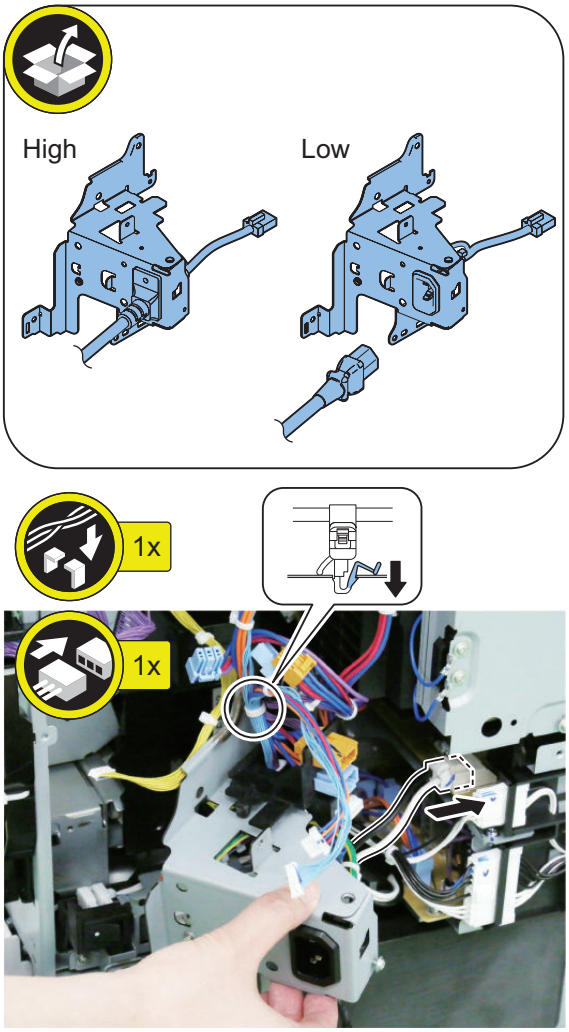

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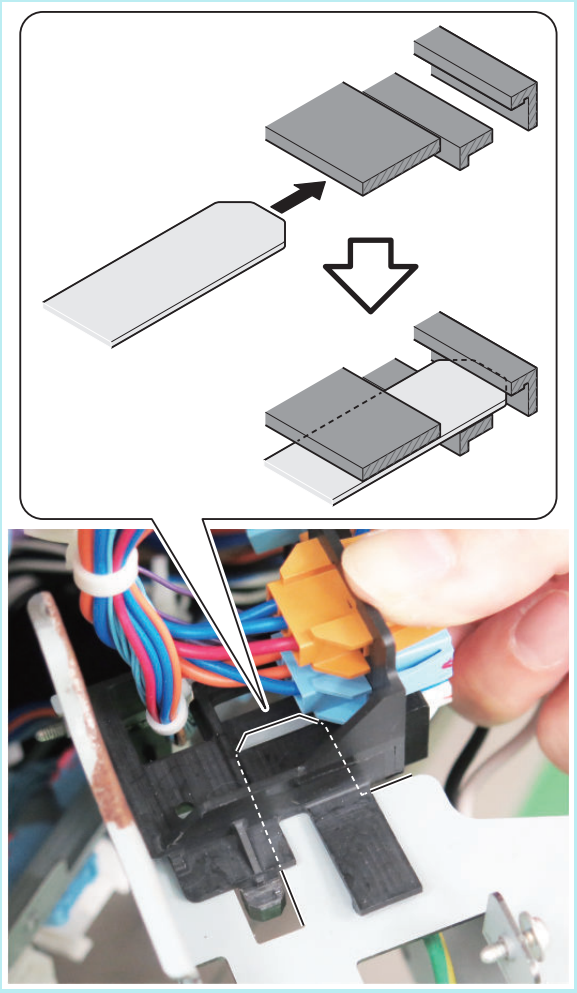
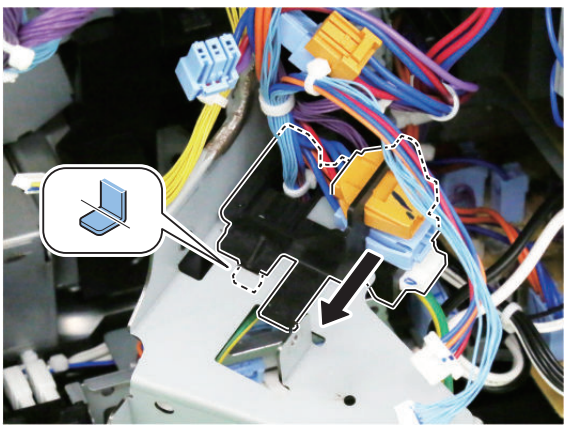
14.

NOTE:
Mount it securely without floating by sliding it along the groove.





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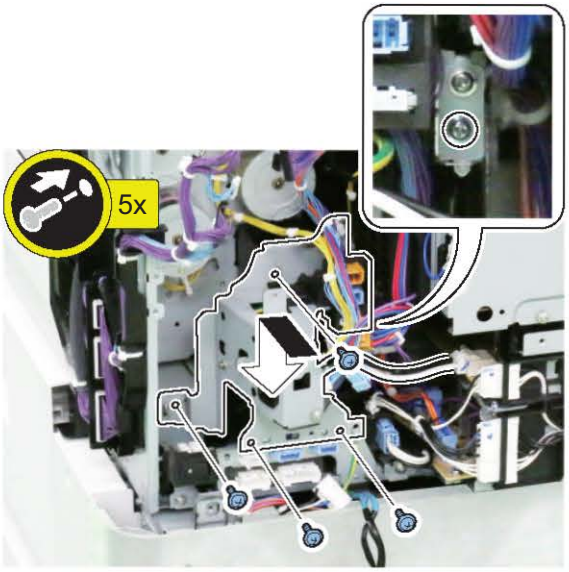

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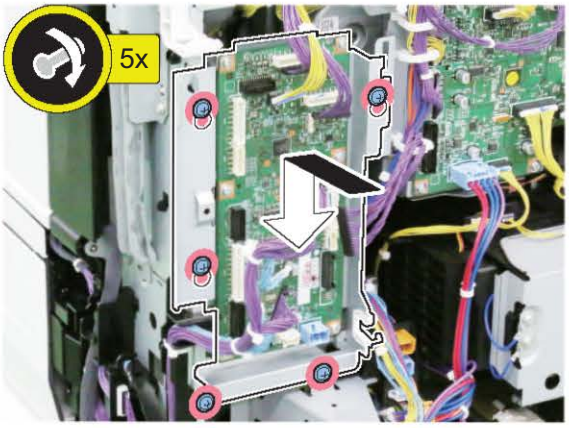

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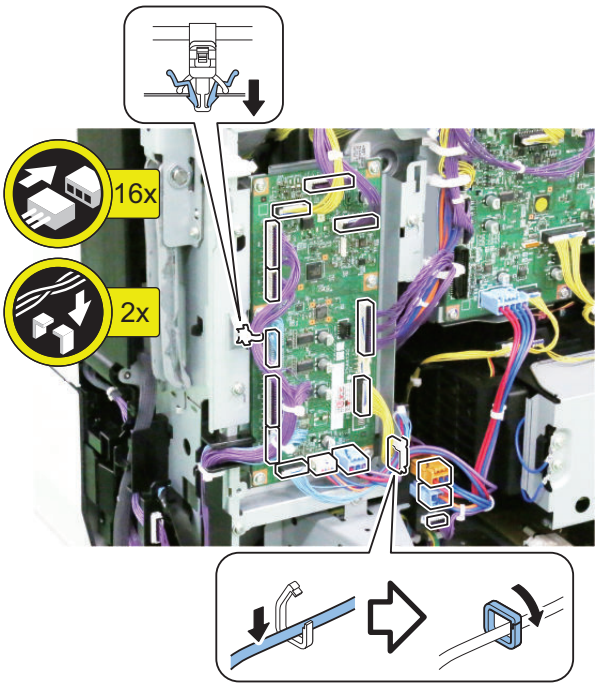

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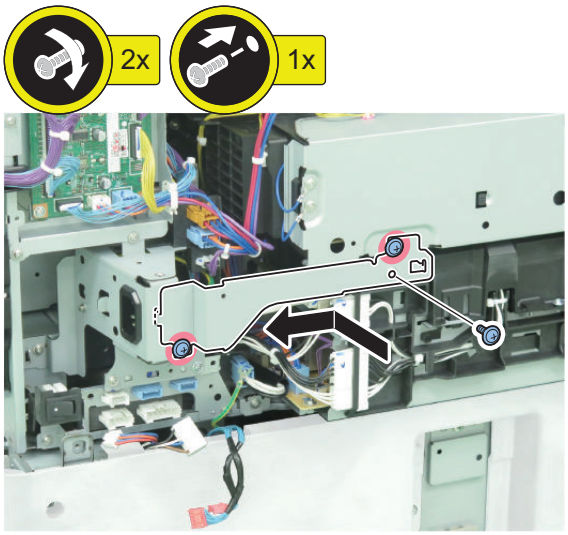

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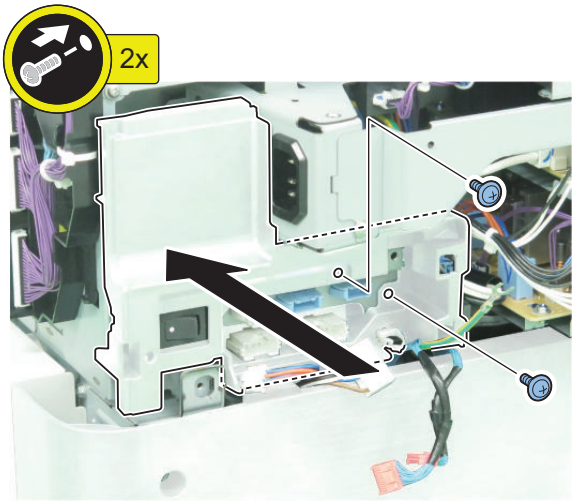

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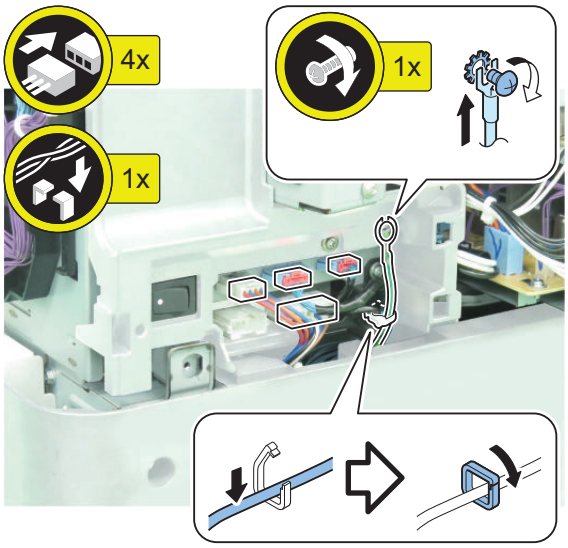

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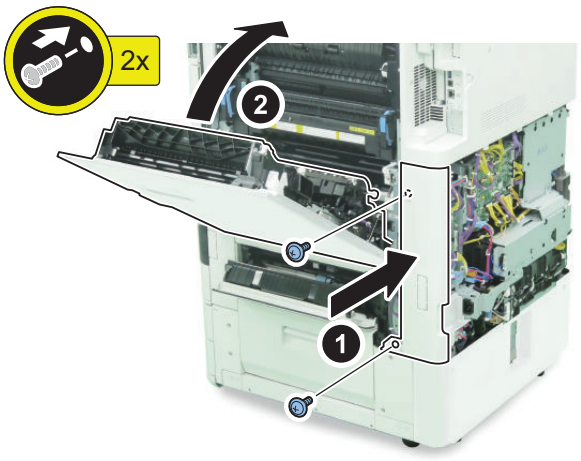

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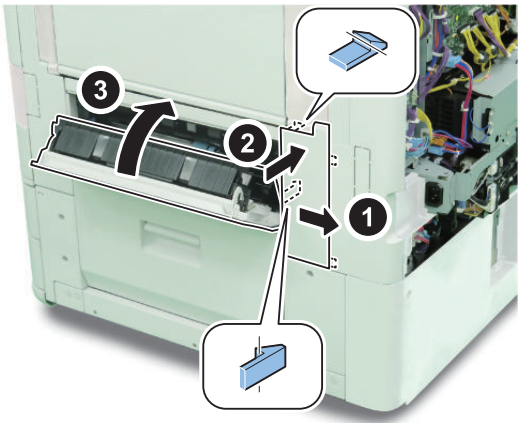

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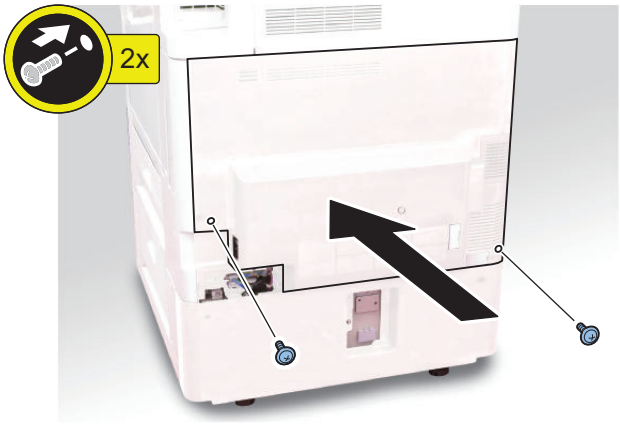

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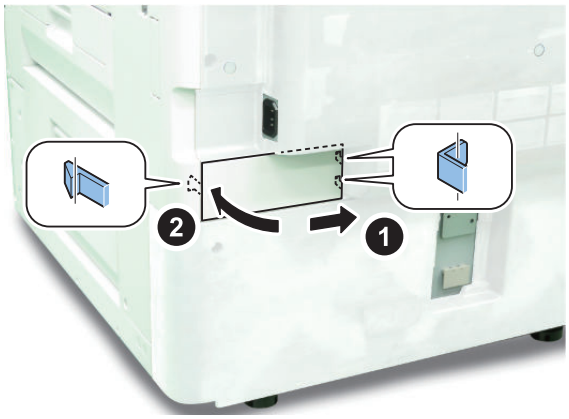


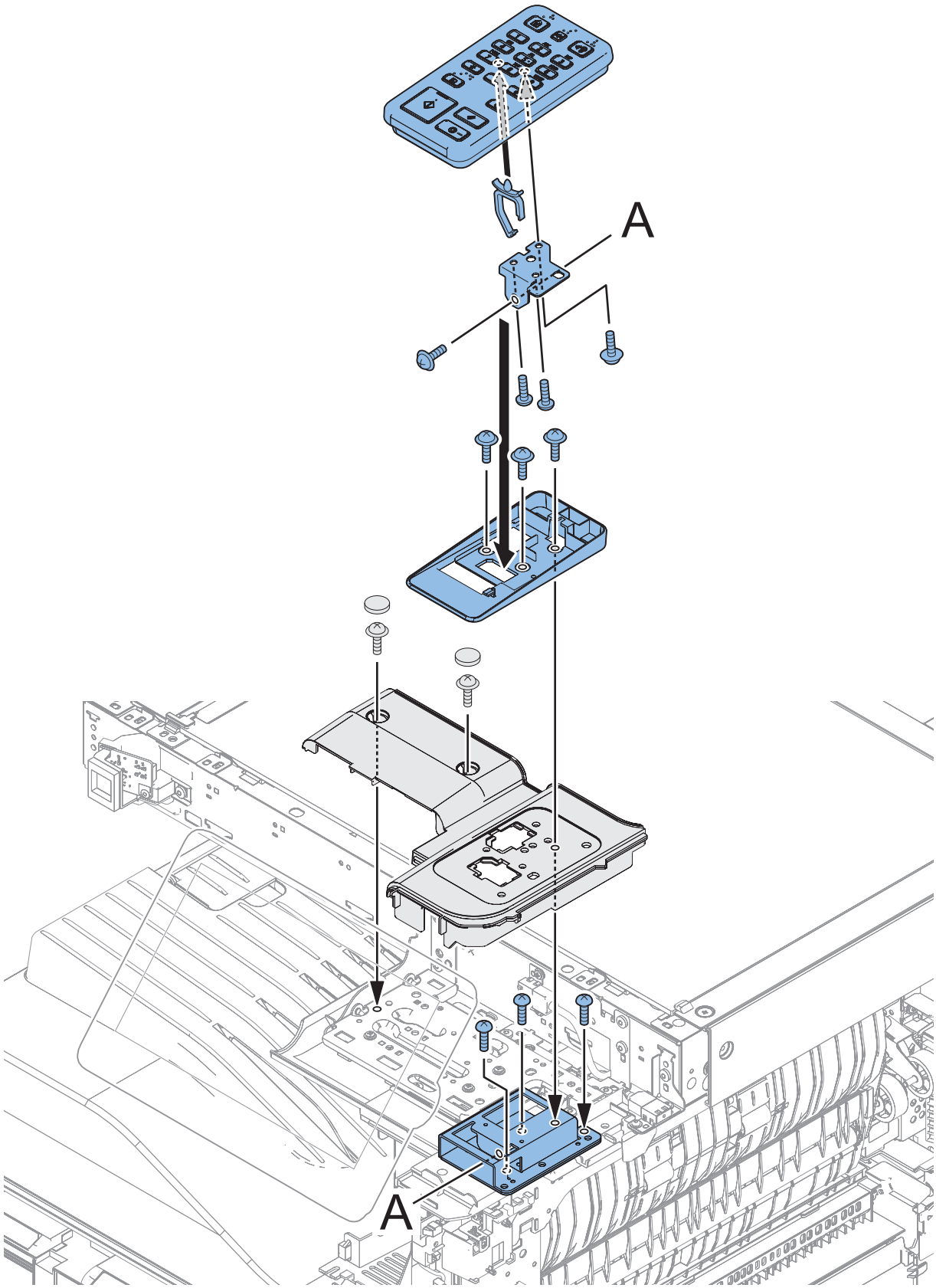
□
25. **For inlet type, insert the power cable into the host machine.**
26. **Connect the power plug to the outlet.**
27. **Turn ON the main power switch.**

Numeric Keypad-A2

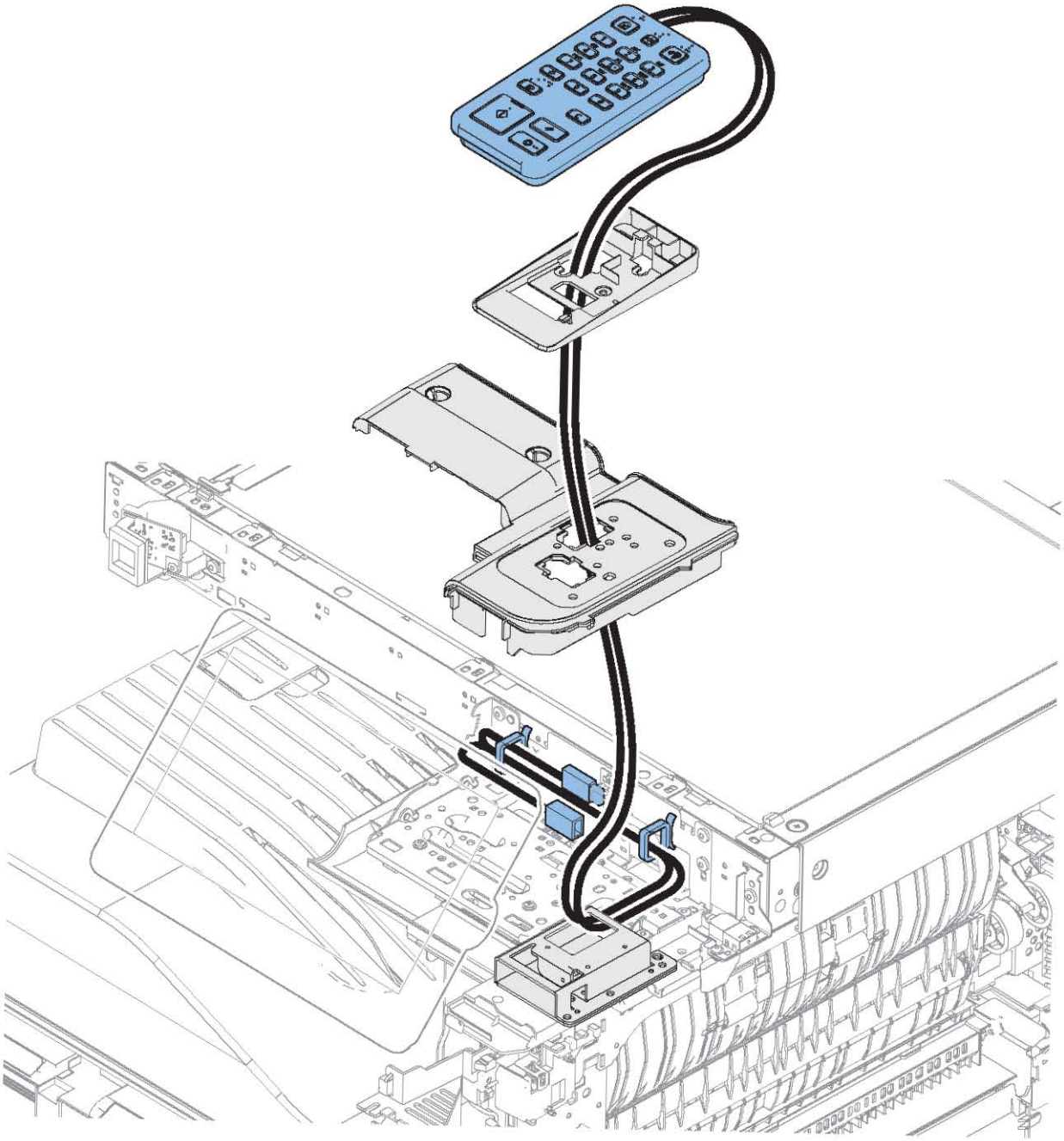
Points to Note at Installation

- When using options and the NFC Kit together, install the NFC Kit first.

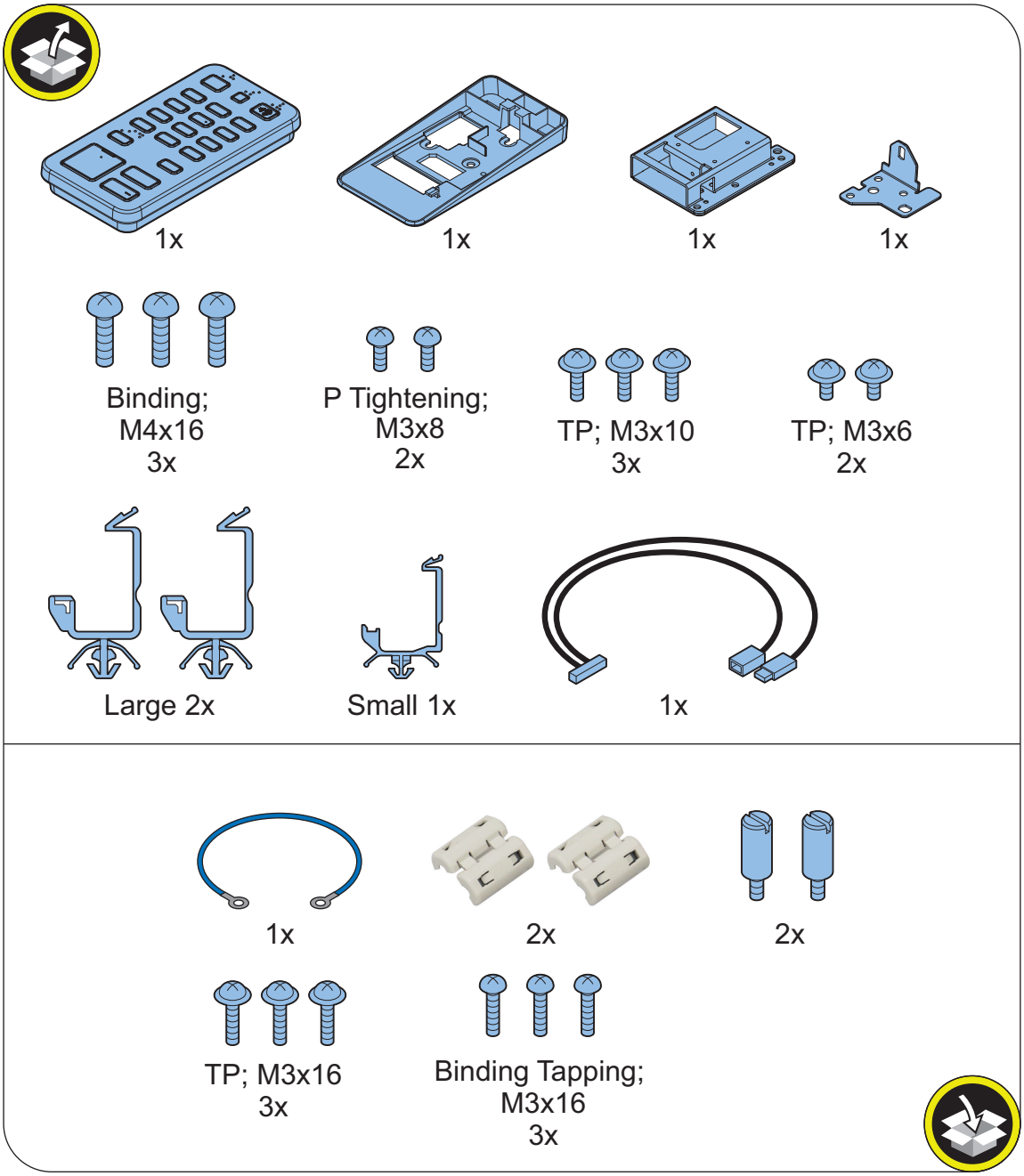
Installation Outline Drawing1/2



Installation Outline Drawing2/2



Checking the Contents

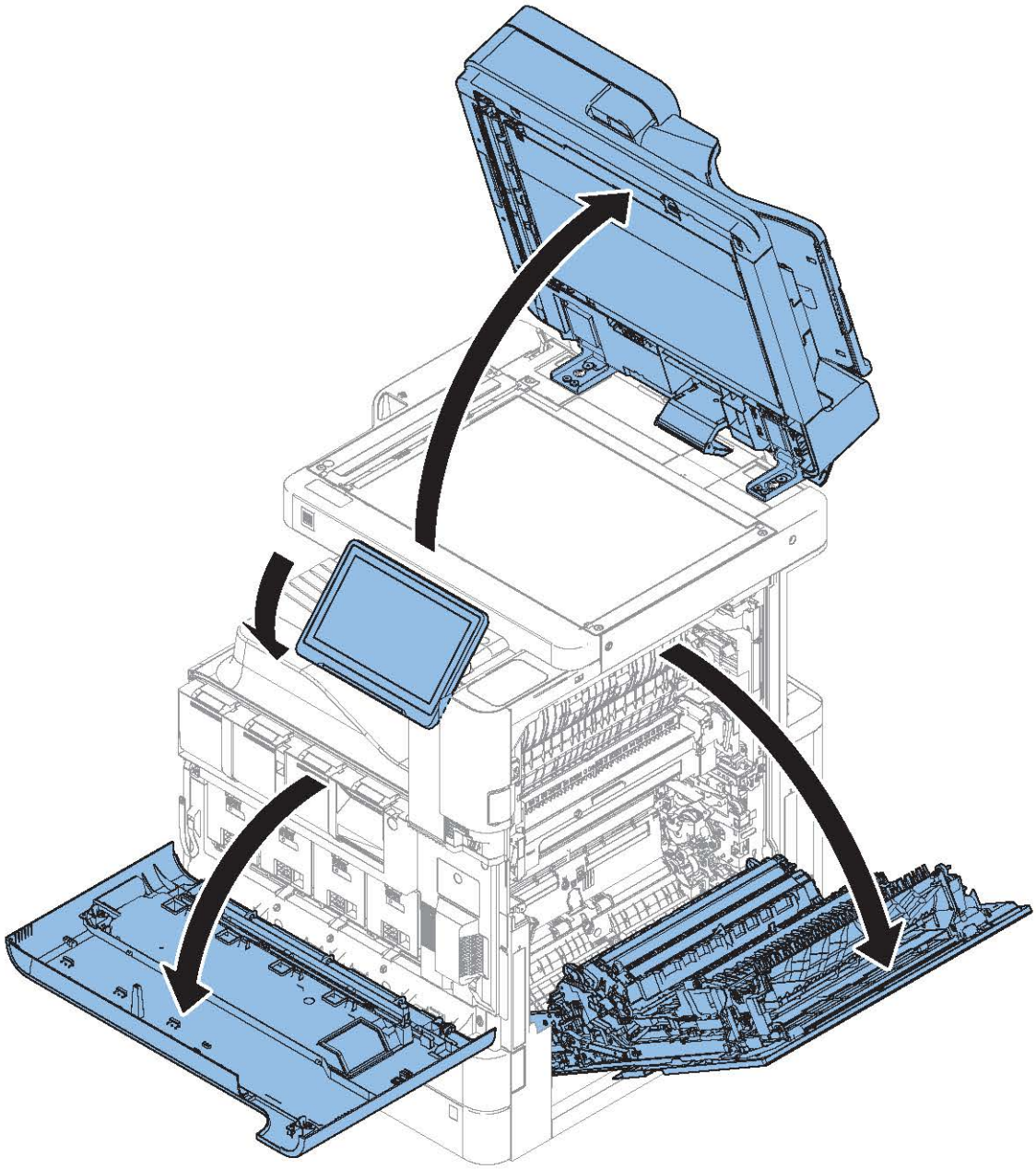


<Others>
Guides are included

Installtion Procedure

□

1.



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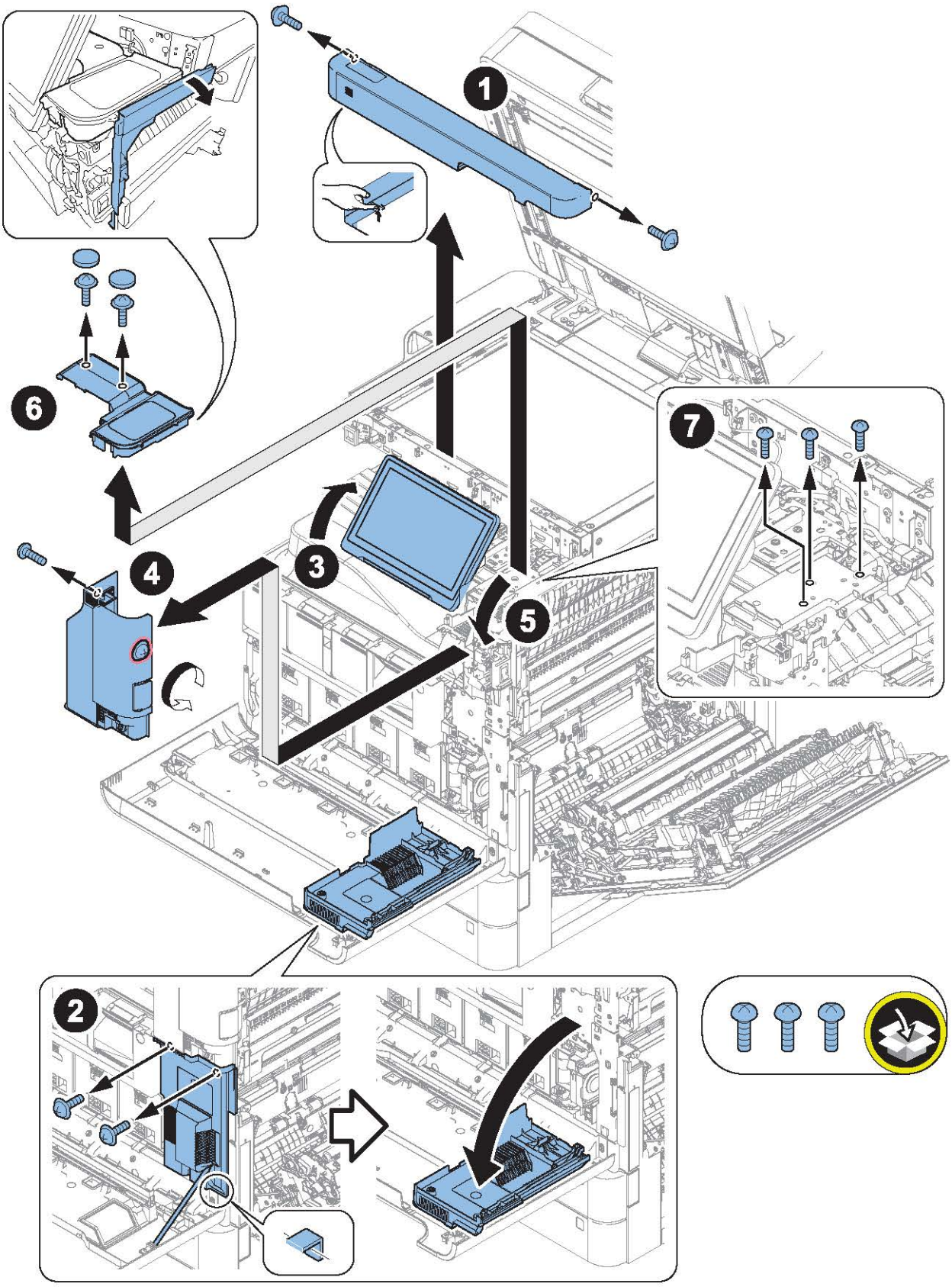

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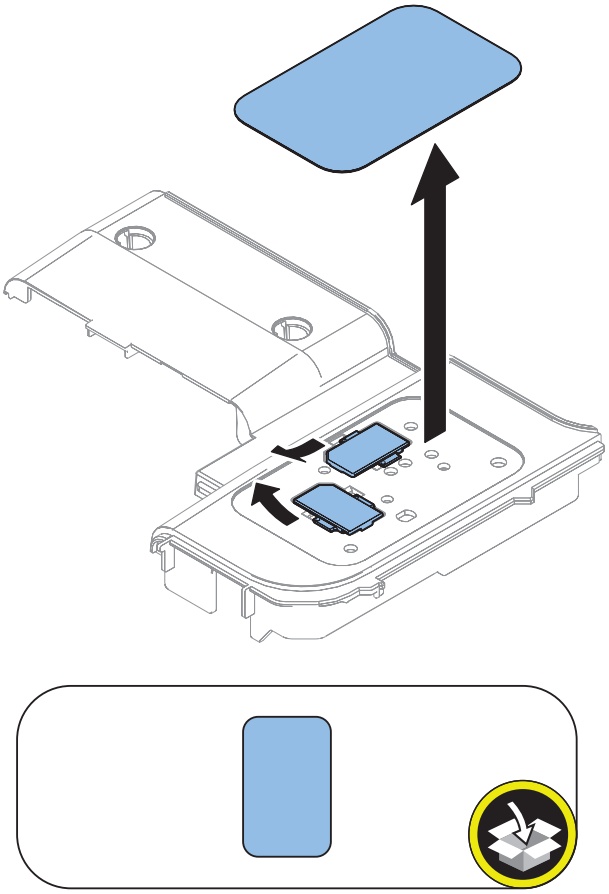
3.

CAUTION:

- After removing the sheet, do not clean the removed surface with alcohol.
- If any glue is remaining on the removed surface, wipe with the removed sheet.



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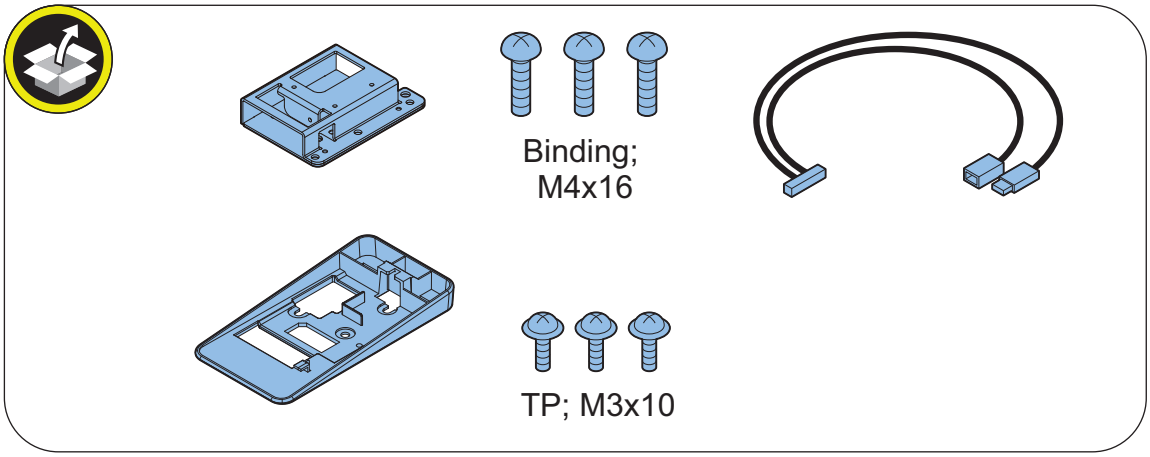

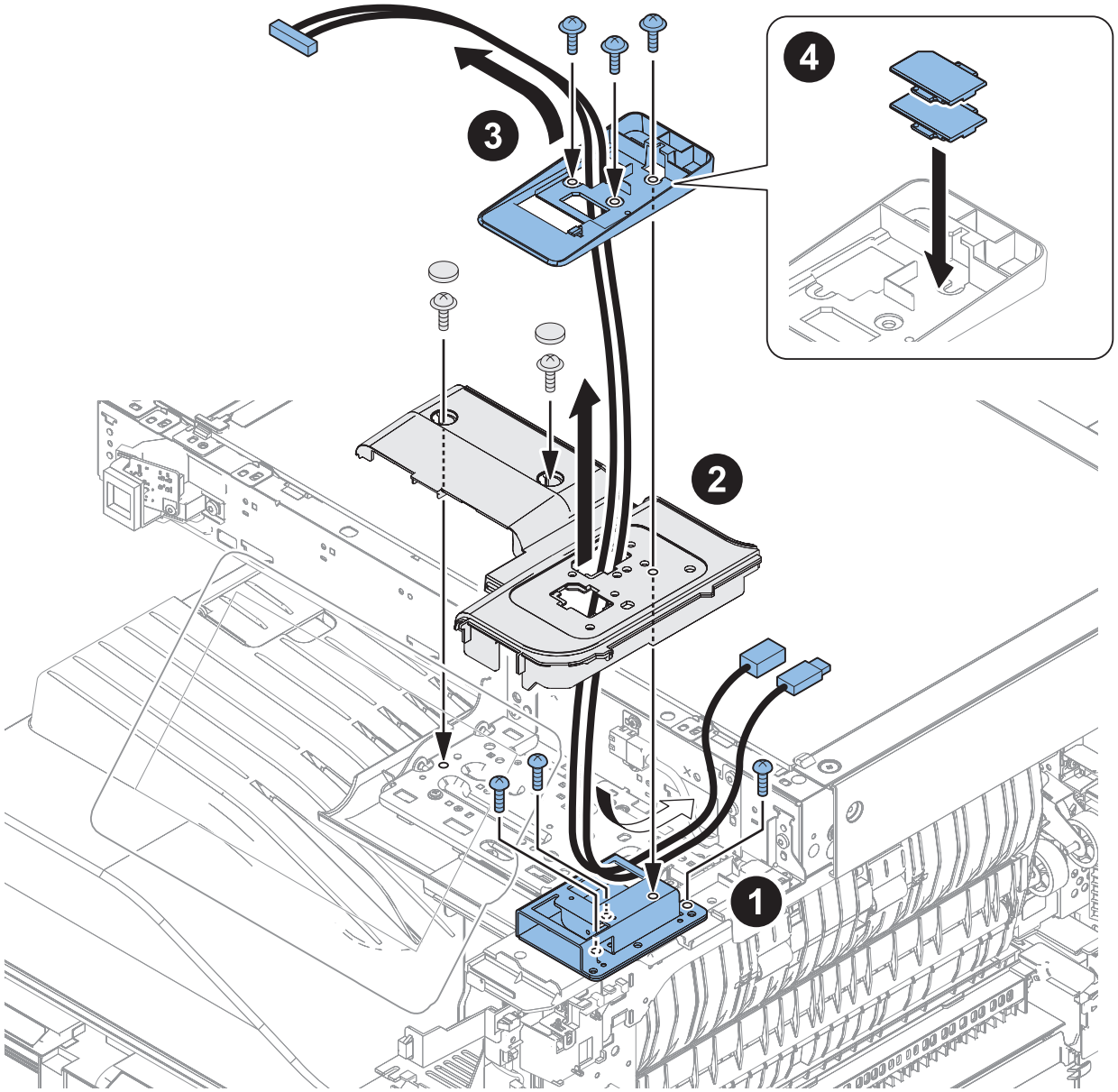

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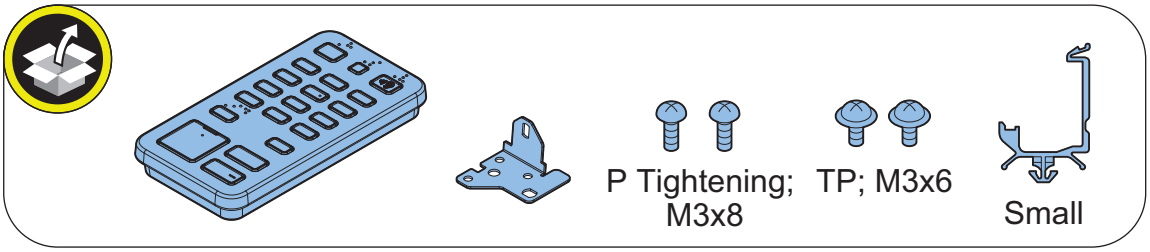

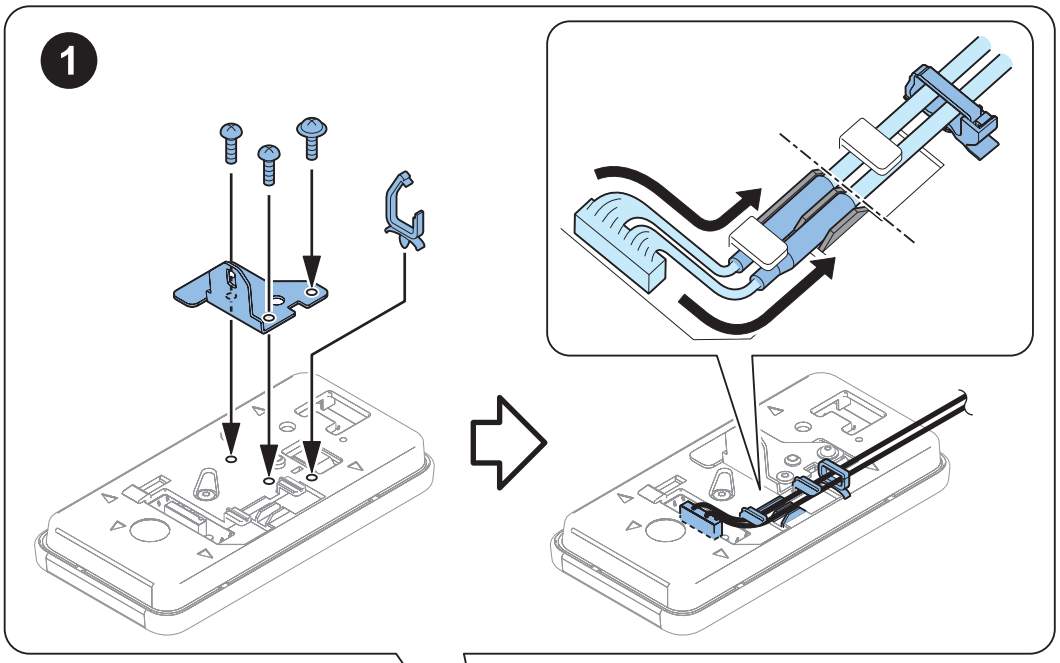

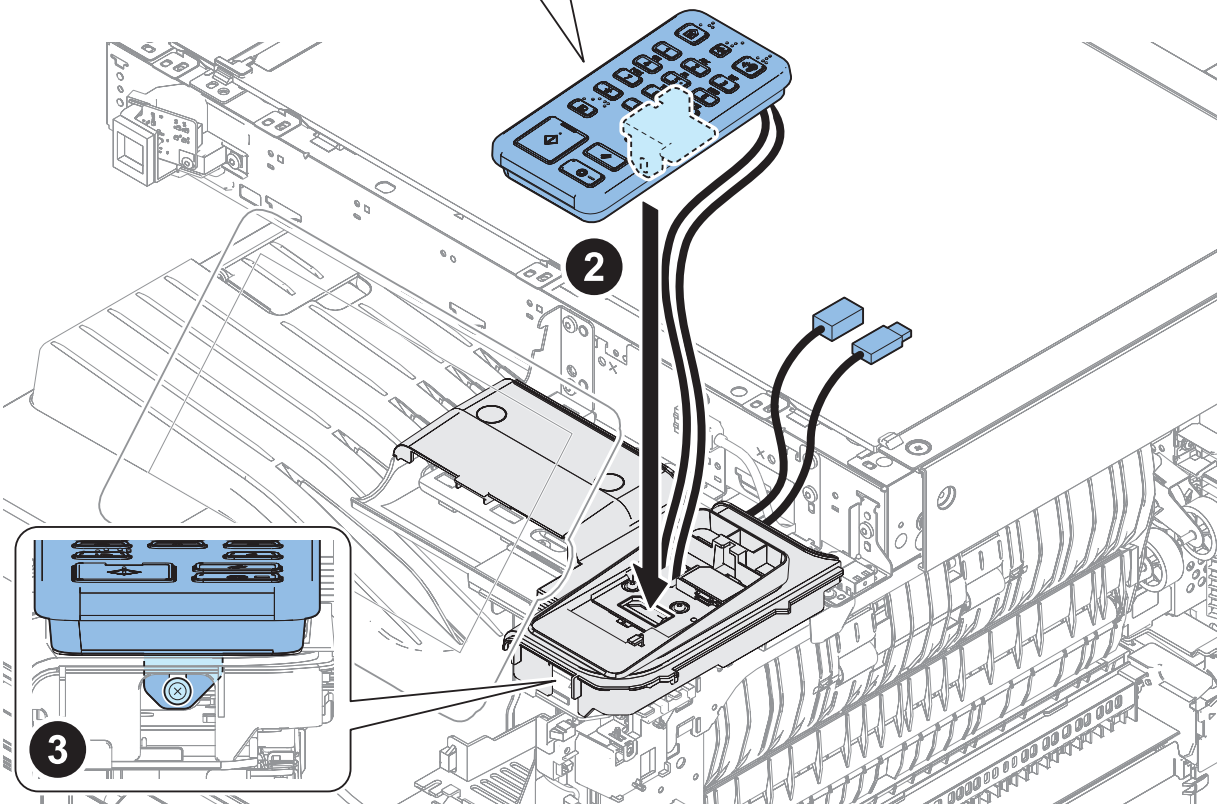

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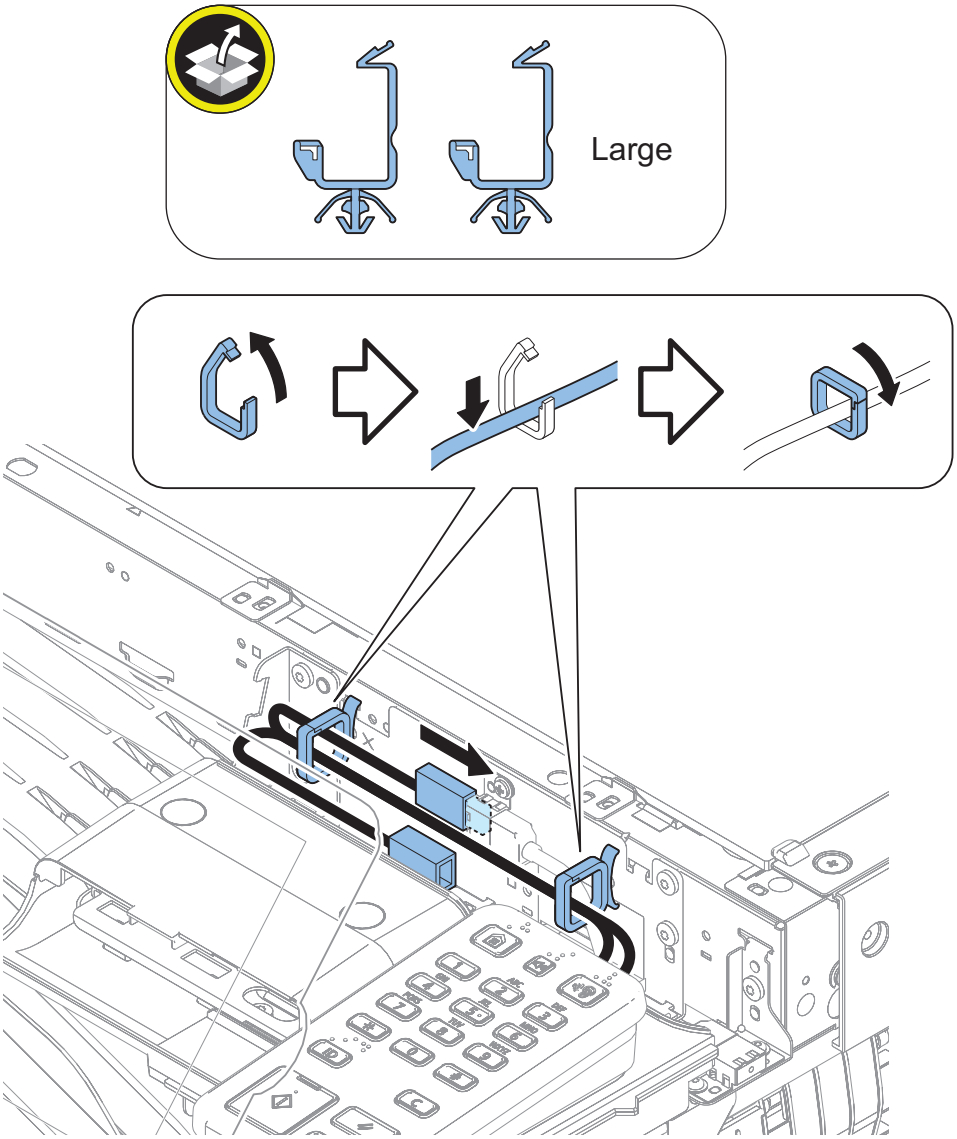


☐

7. **Installing the covers removed in the previous step.**

☐

8. **Connect the power plug to the outlet.**

☐

9. **Turn ON the main power switch.**

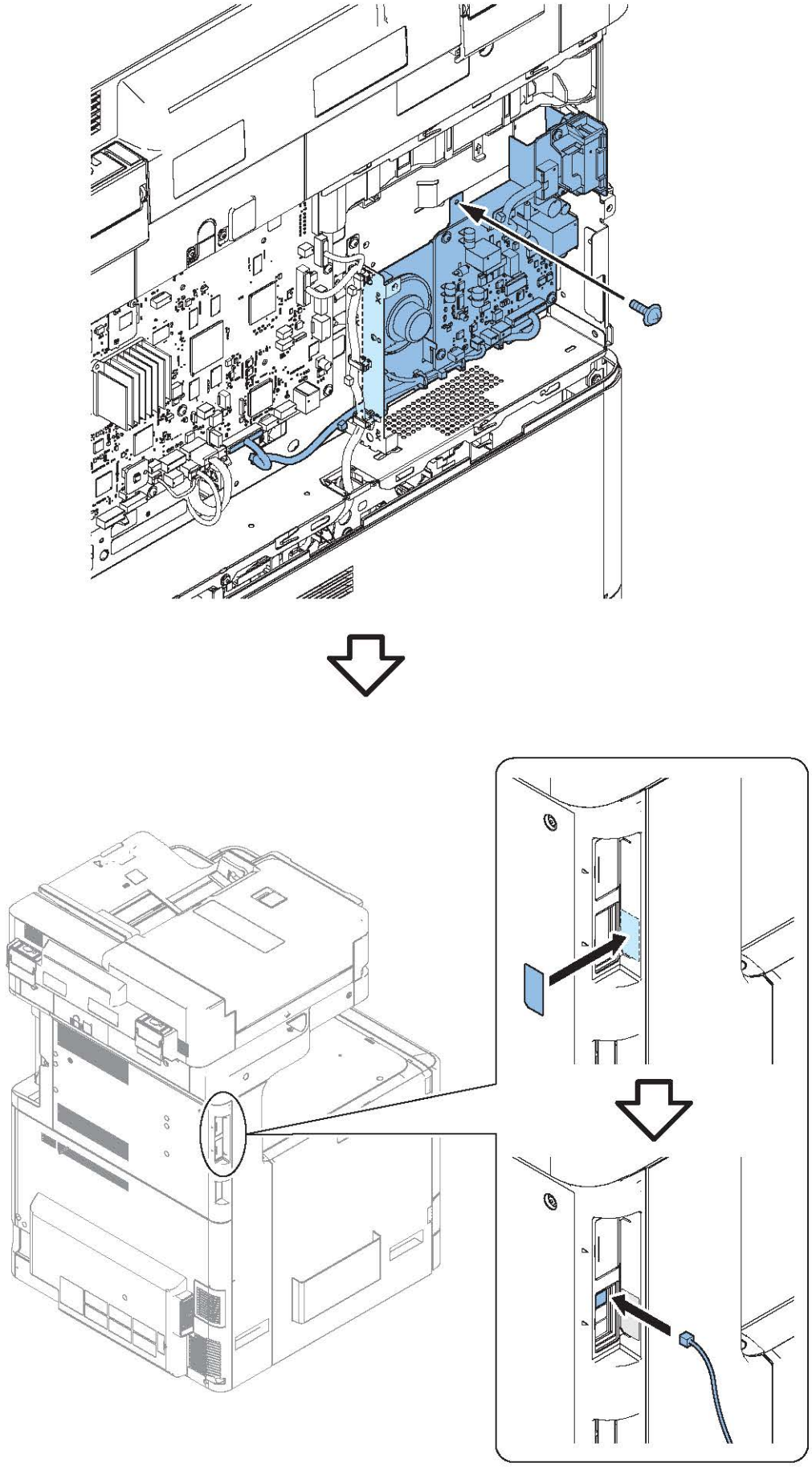
Super G3 FAX Board-AX1

Product Name

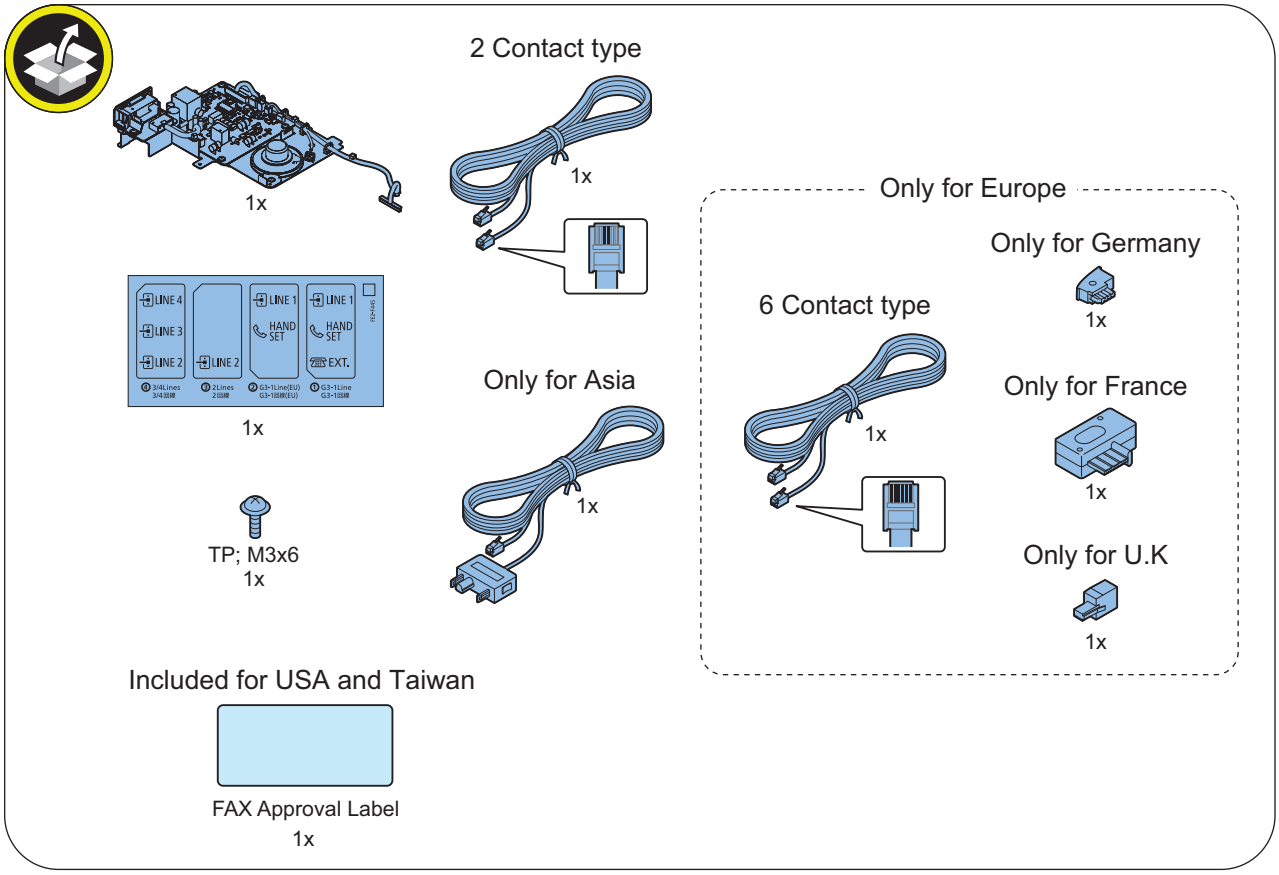
Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F635111

Installation Outline Drawing



Checking the Contents



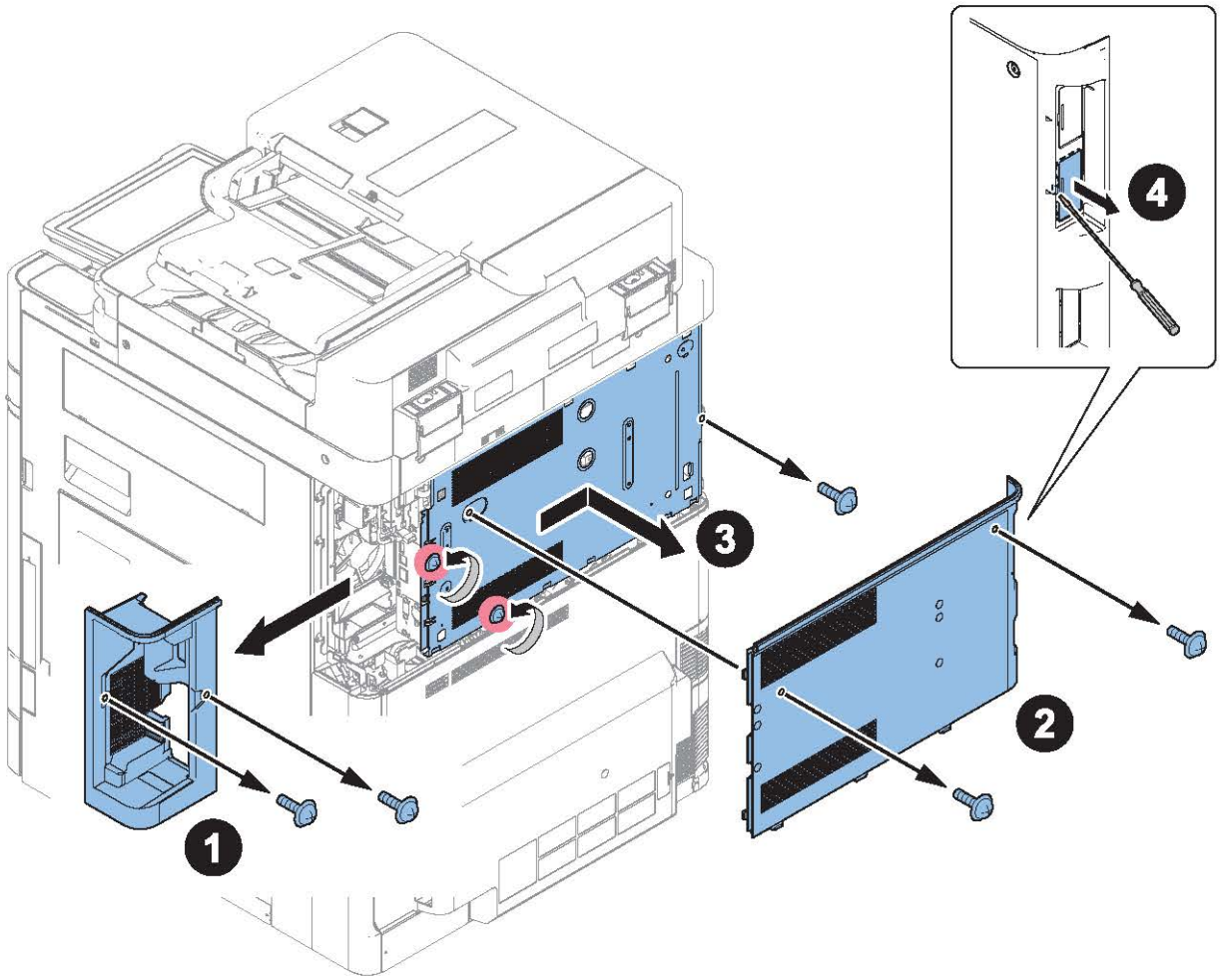
<Others>

- Including guides

Installation Procedure

□

1.



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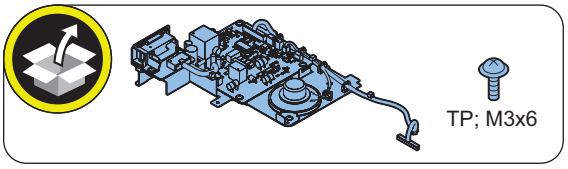
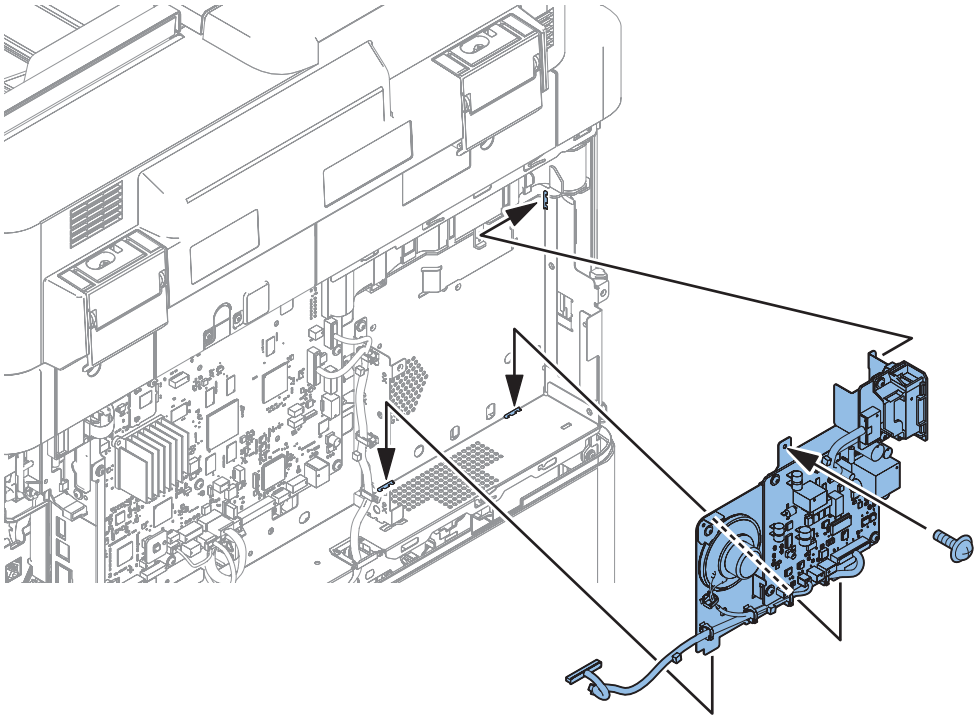
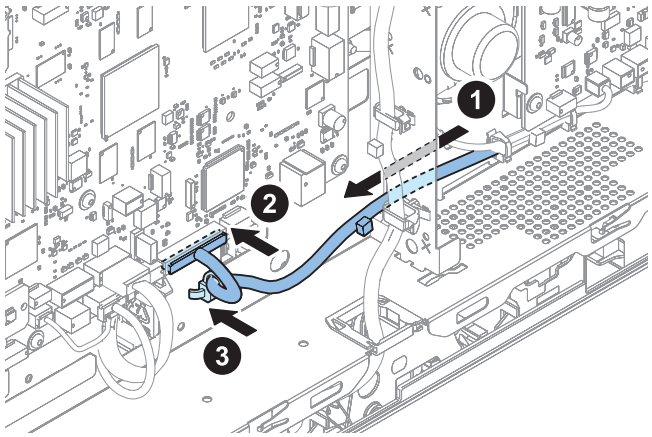
2.



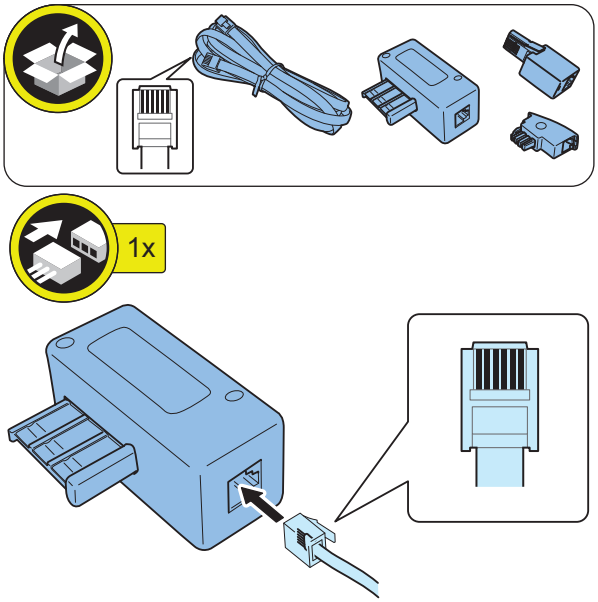




□

3.

NOTE:
- This step is only for Europe.
- Do not connect the Telephone Cord (2 contact type) with the PTT Plug.
- Connect the PTT Plug matched the field or area to the PTT Cable (6 contact type).



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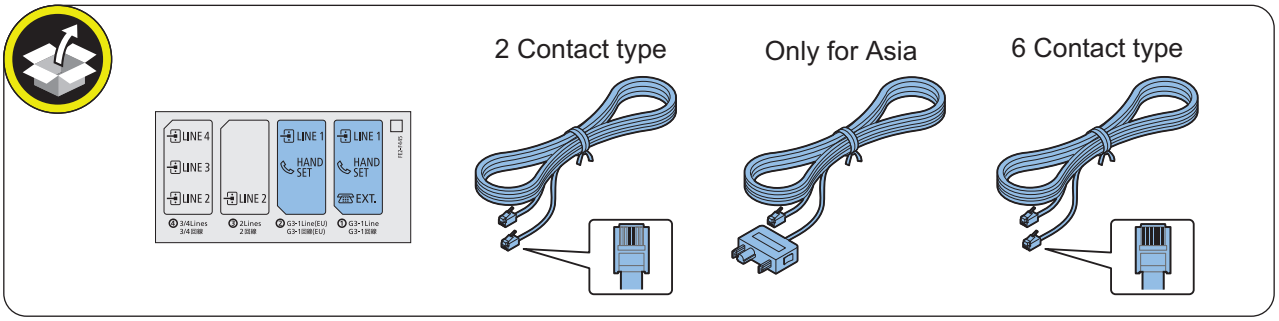
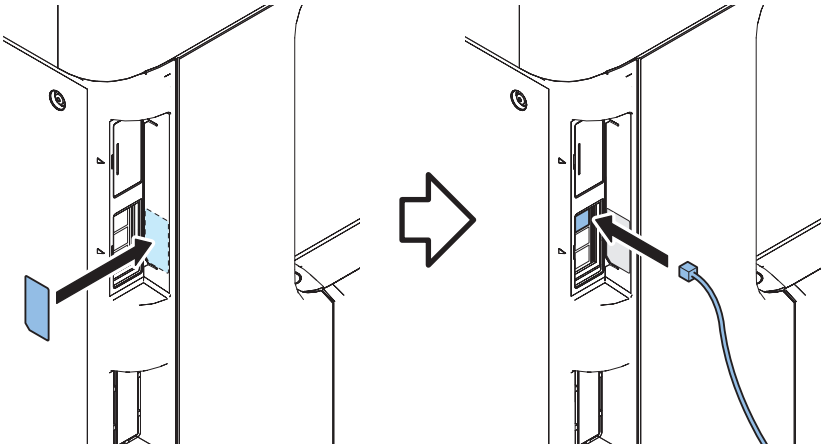
4.

NOTE:
PTT Cable or Telephone Cord to the modular jack on the Host machine, and connect the other end to the modular jack on the wall.

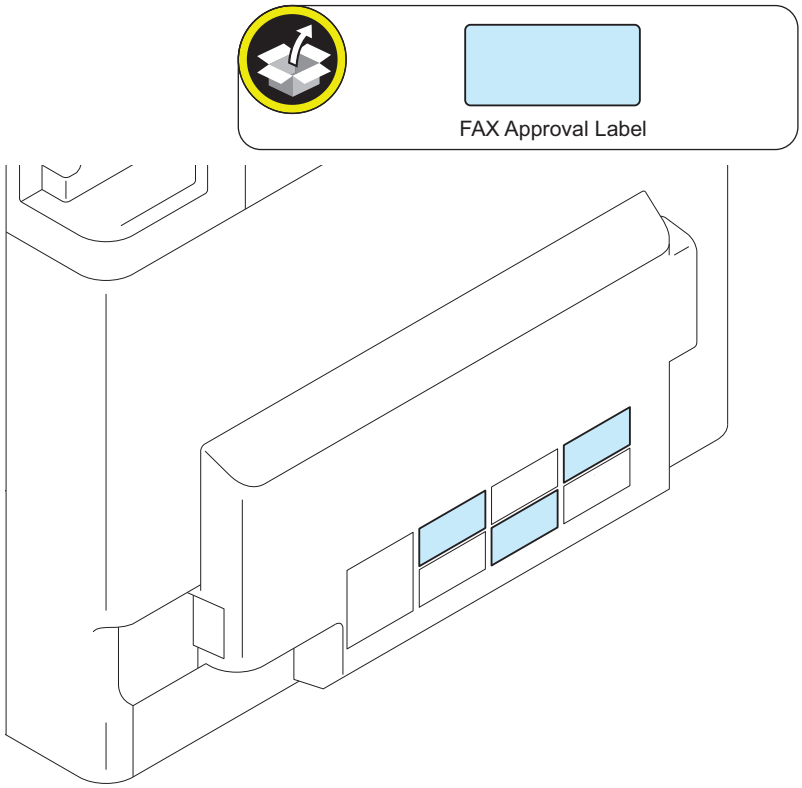




□

5.

NOTE:
- This step is only for USA and Taiwan.
- Affix the FAX Approval Label in the vacant space.



□

6. Connect the Power Plug to the outlet.

□

7. Turn ON the main power switch.

Checking the Operation

■ Type Setting

Select the country/region of the FAX Board in Service Mode: FAX > Type > TYPE
This setting performs the parameter settings to match the communication specification of the country/region.

□

1. **From the following service mode, set the TYPE of country/region to install this machine, and then press OK.**
   FAX > TYPE > TYPE

2. **Confirm that service mode parameter below is "0". In the case, parameter is "1", change to "0".**
   COPIER > OPTION > DSPLY-SW > SDTM-DSP

NOTE:
To change parameter to "0" makes no show below [Settings/Registration > Preferences > Time/Energy Settings > Auto Shutdown Time] and auto shut down is not available.

3. **Turn OFF/ON the main power switch to enable this setting.**

■ Basic Setting

NOTE:
- When "System Manager Information Settings" is set, be sure to follow the direction of user administrator in order to log in as an administrator.
- This setting can also be set from the Setup Guide ([Settings/Registration] > [Management Settings] > [License/Other] > [Start Setup Guide]).

In this section, make only minimum settings required for FAX communication.

☐

1. **Set the user telephone number.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 1] > [Register Unit Telephone Number] > Enter the fax number > [OK]
2. **Set Type of telephone line.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 1] > [Select Line Type] > Select the line type to connect > [OK]
3. **Turn OFF/ON the main power switch after setting the user telephone numbers and the type of telephone line.**

■ FAX Communication Test

Perform communication test to check if FAX function works correctly.

☐

1. **Switch the control panel display to Send/Fax display.**
2. **Send the test document from this machine to another machine that can handle the communication test to check that this machine can send the data correctly.**
3. **Send the test document from the target to this machine to check if the machine can receive the document properly.**

Super G3 2nd Line Fax Board-AX1

Points to Note at Installation

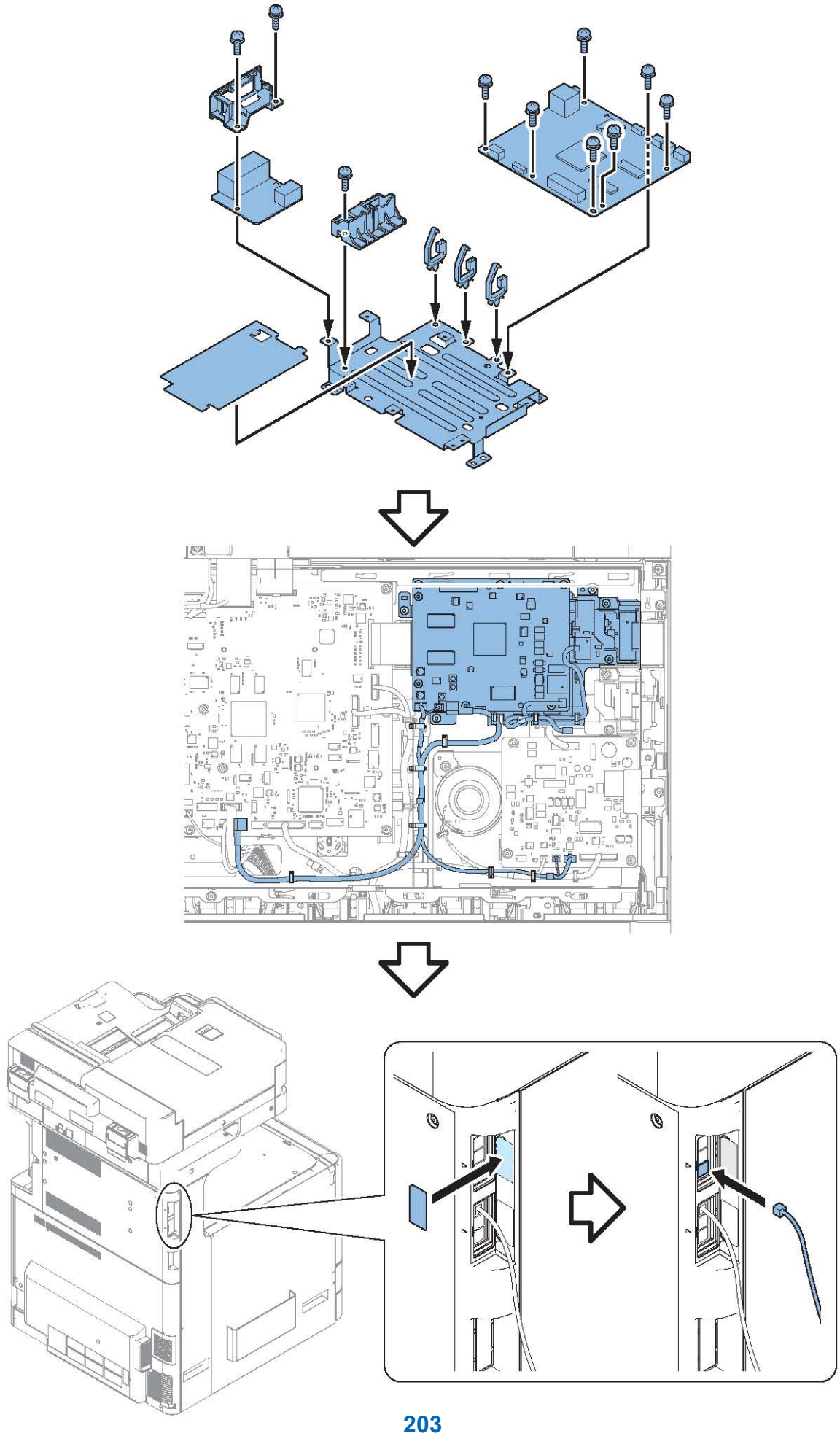
- When installing the Super G3 3rd/4th Line Fax Board and this equipment at the same time, install the Super G3 3rd/4th Line Fax Board on the this equipment before installation.

Product Name

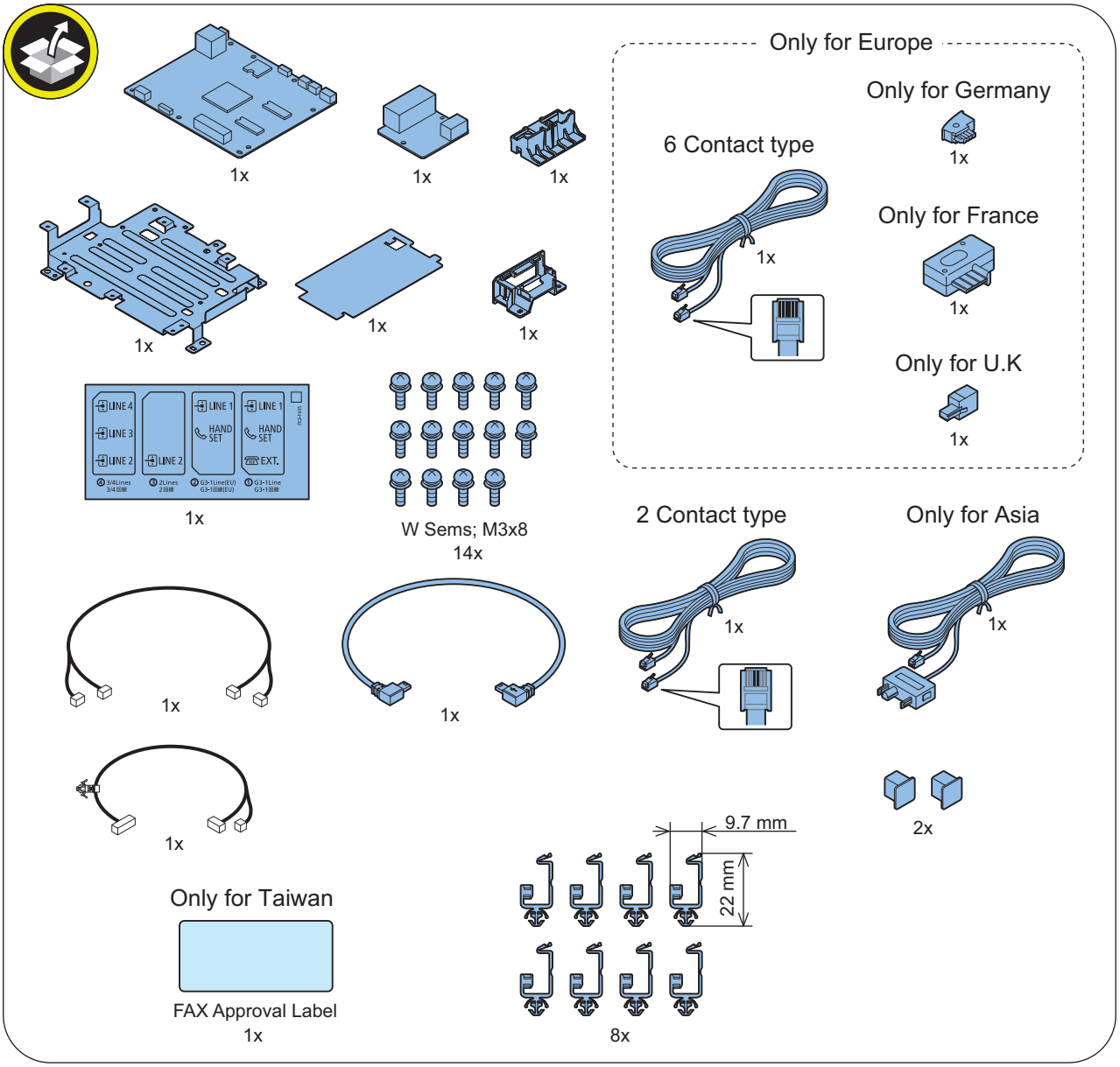
Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F635112

Installation Outline Drawing



Checking the Contents

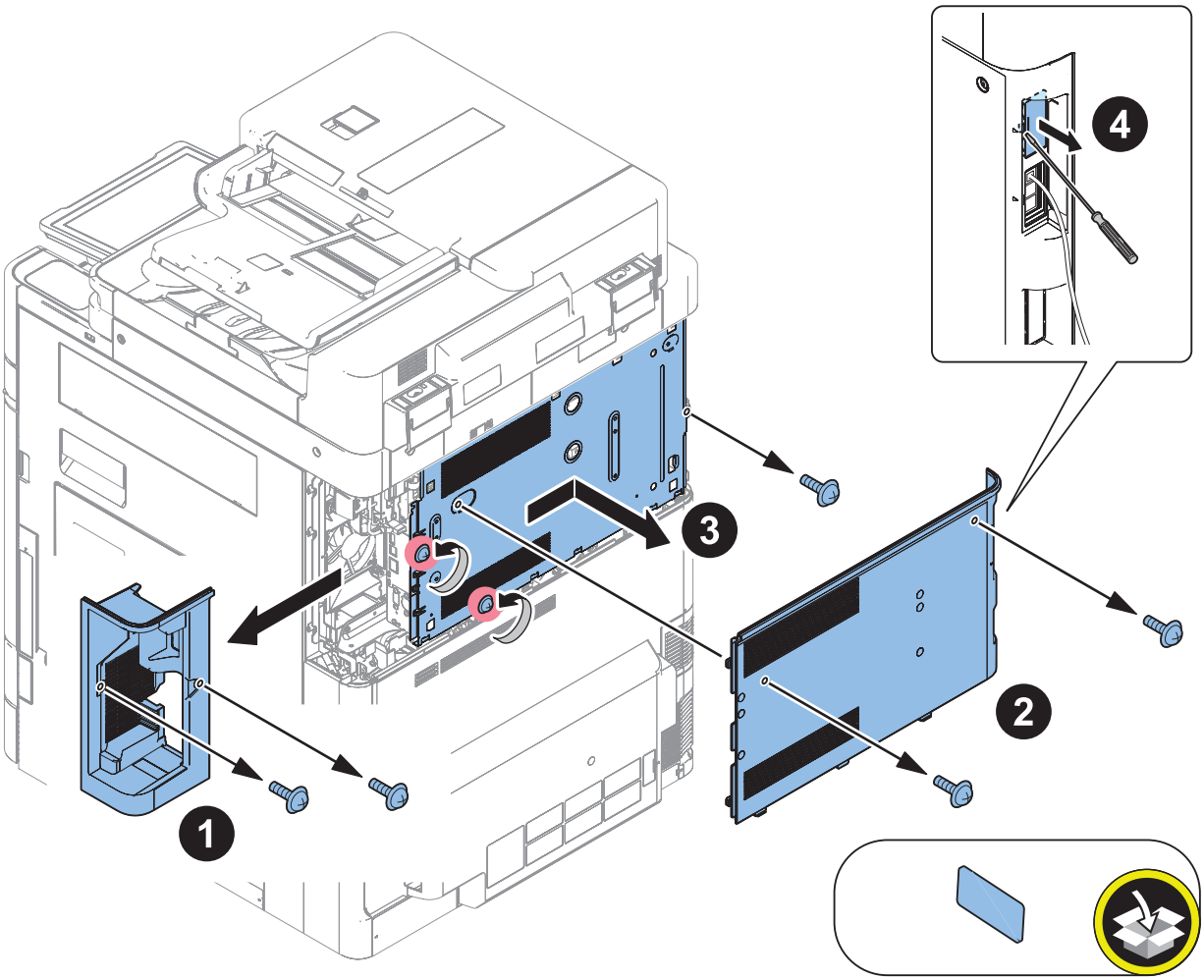


Installation Procedure

□

1.

NOTE:
Remove the telephone cord or the PTT Cable when removing the rear cover.



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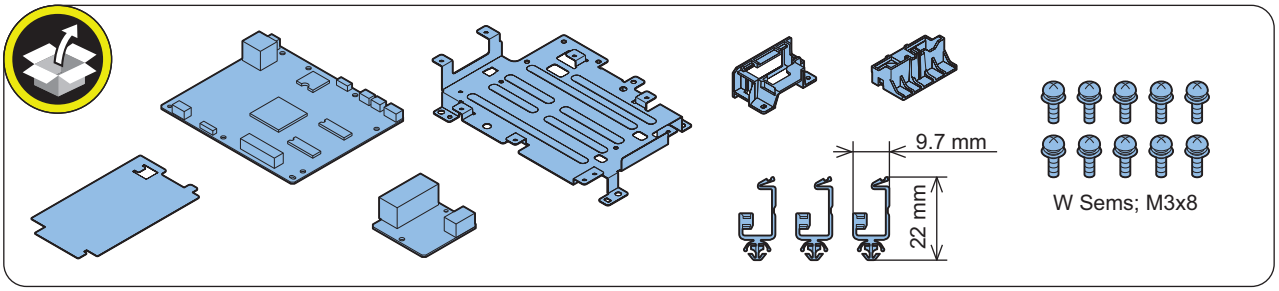
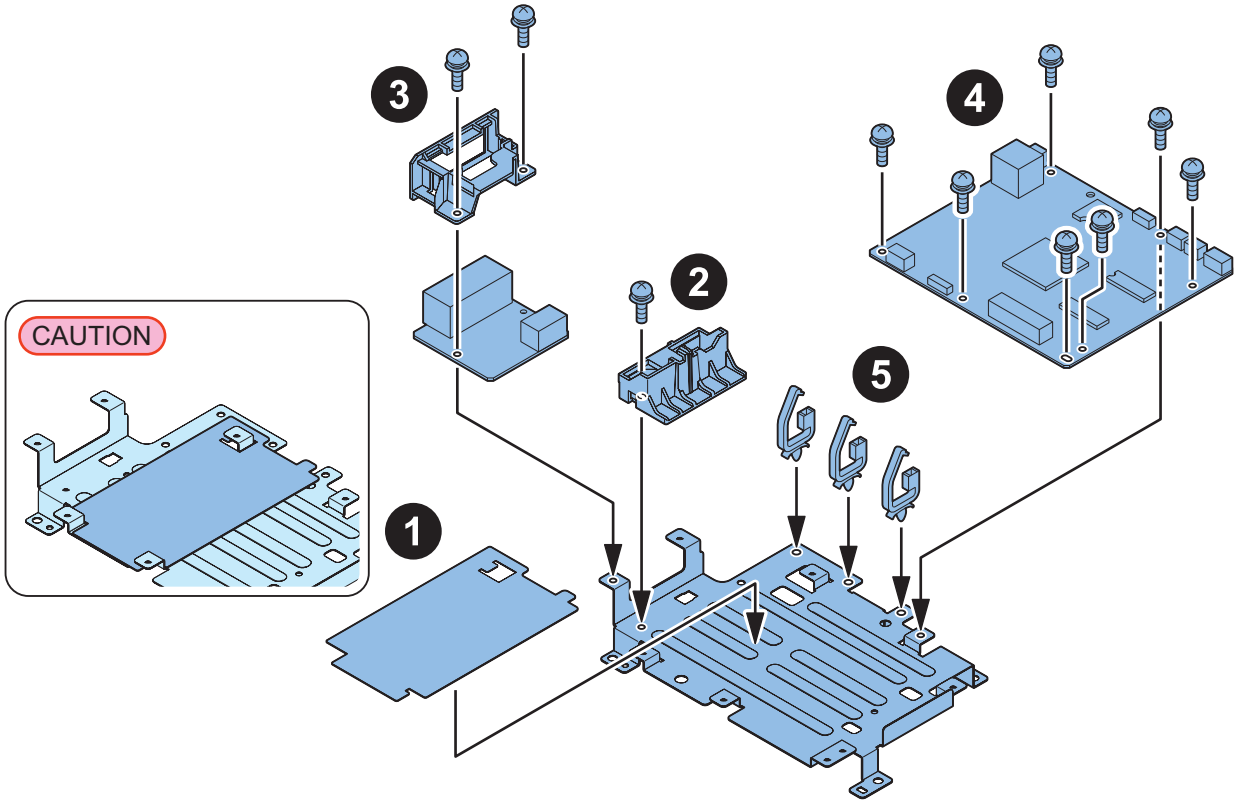
2.

CAUTION:
Be sure to install the Insulating sheet in the correct orientation.





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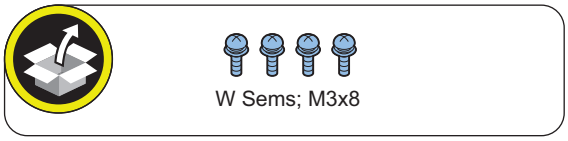
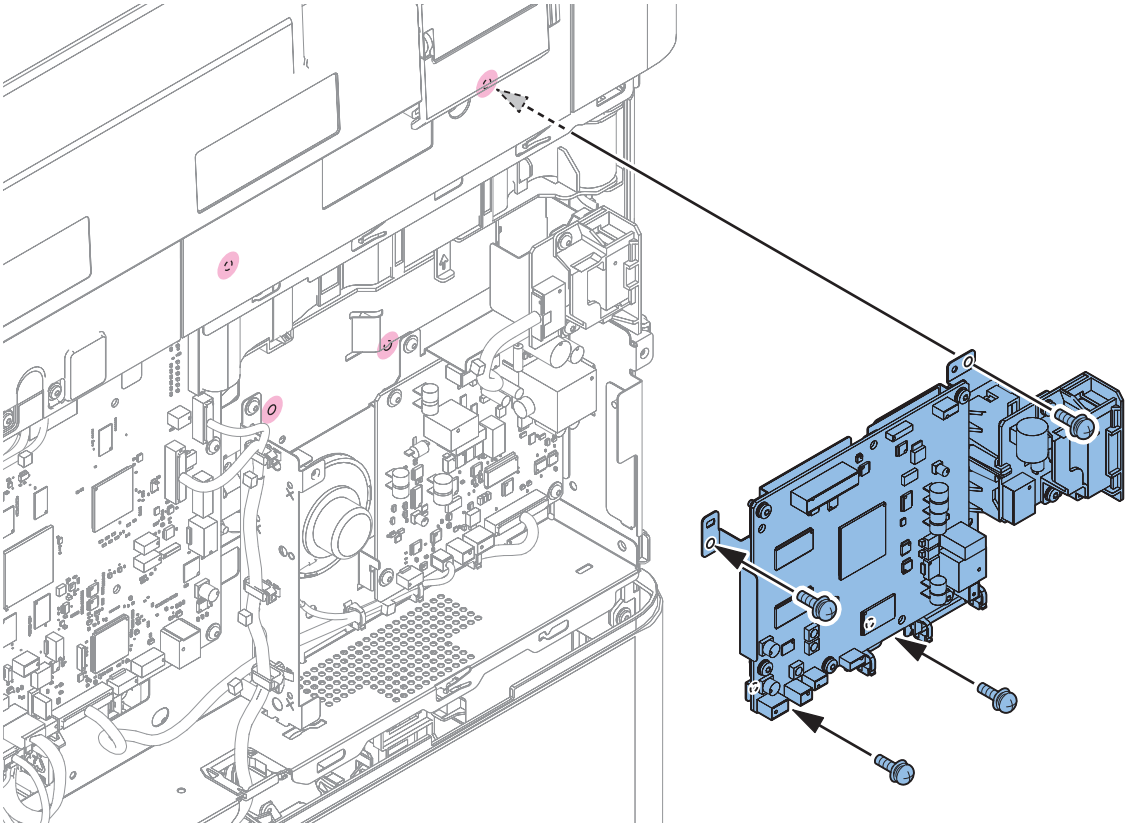
3.





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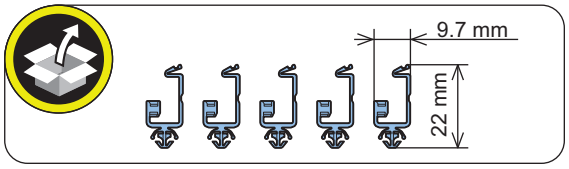
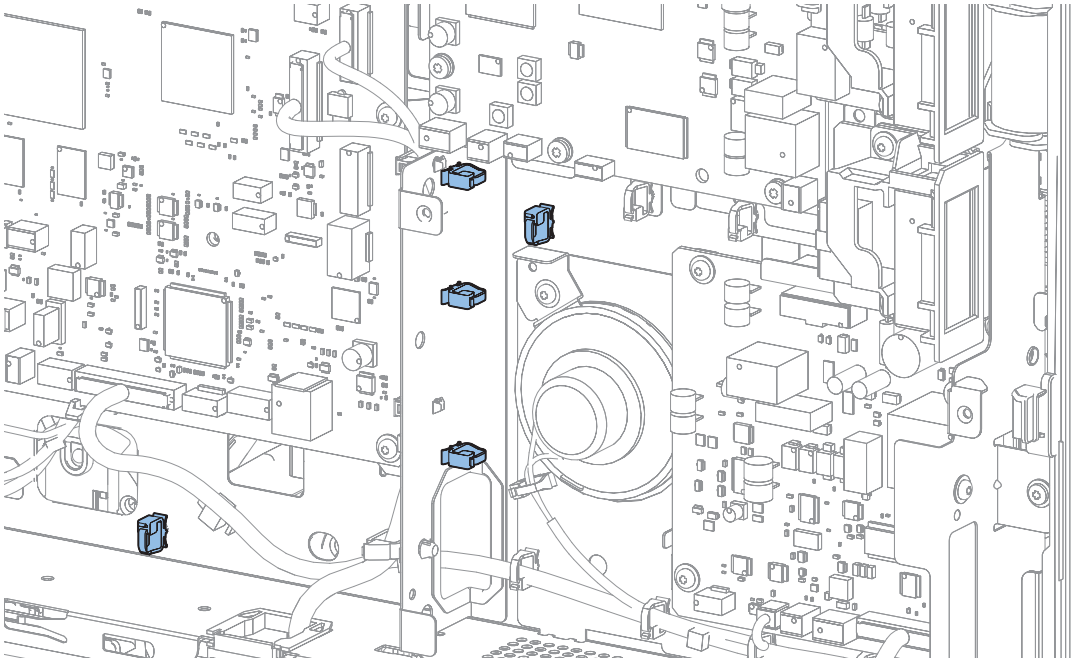
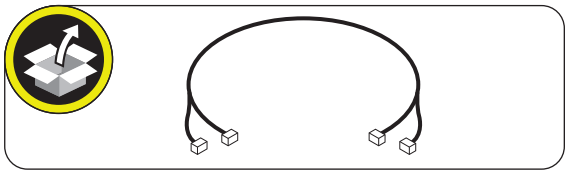
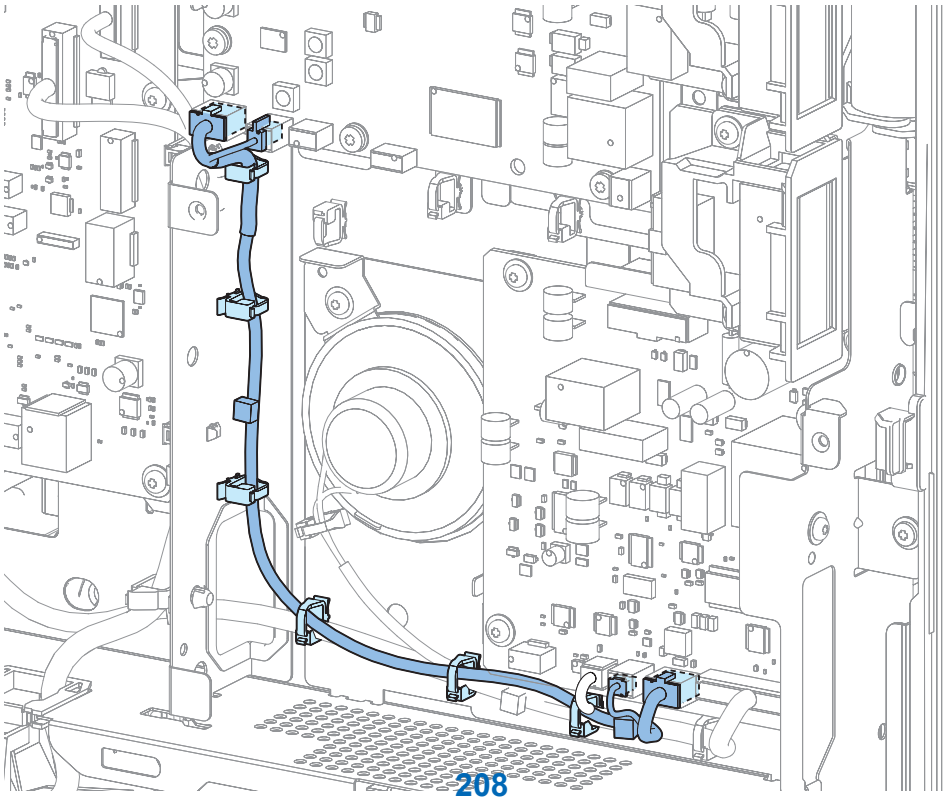
4.









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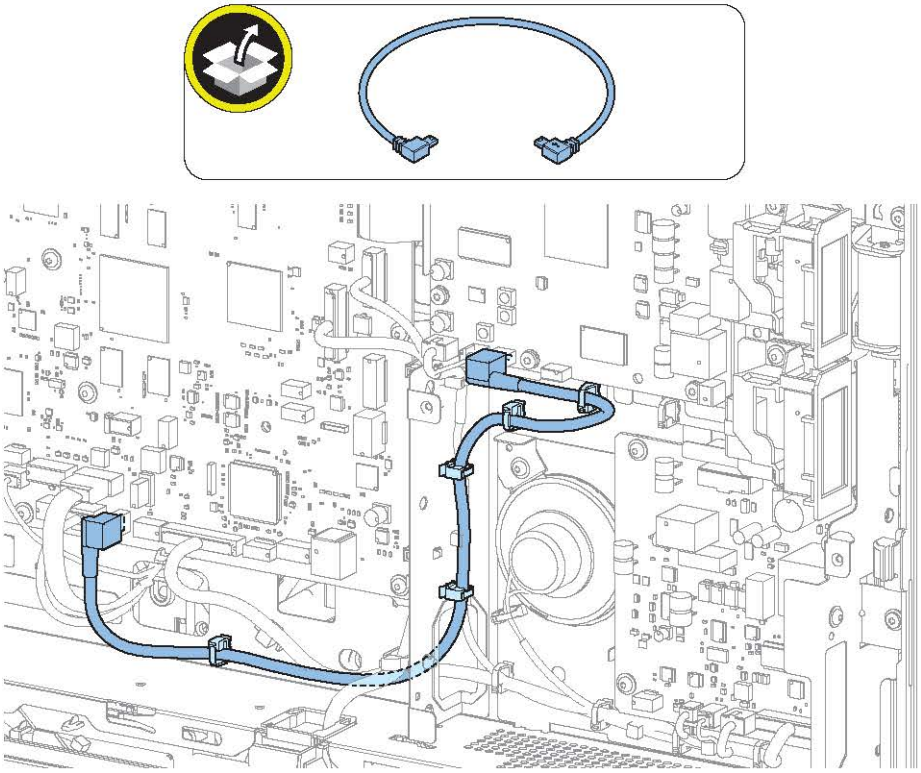
5.



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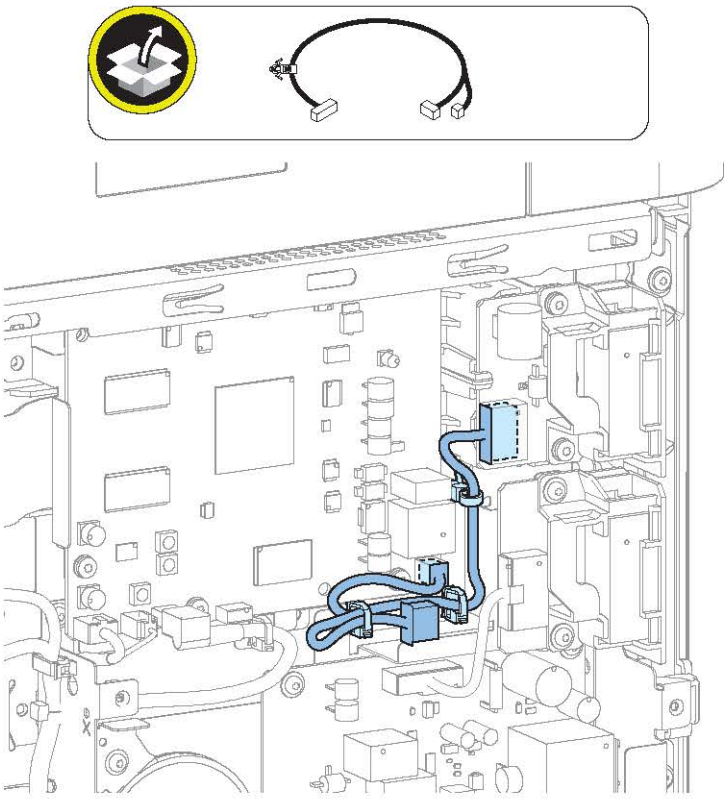
6.



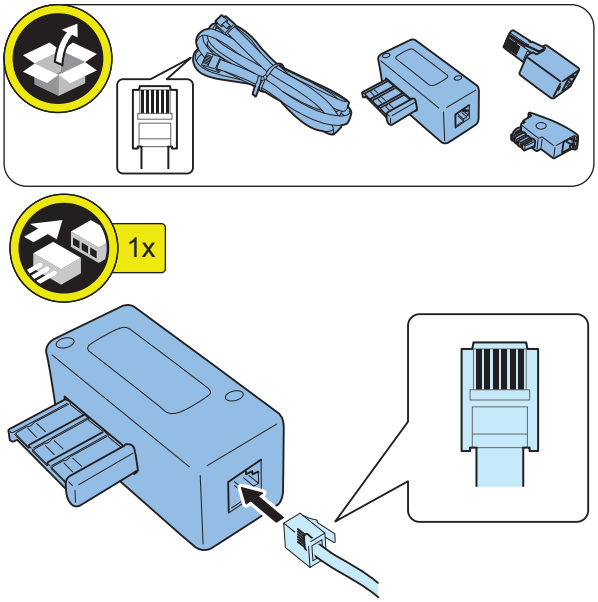
☐

7. **Install the removed cover and telephone cord.**

□

8.

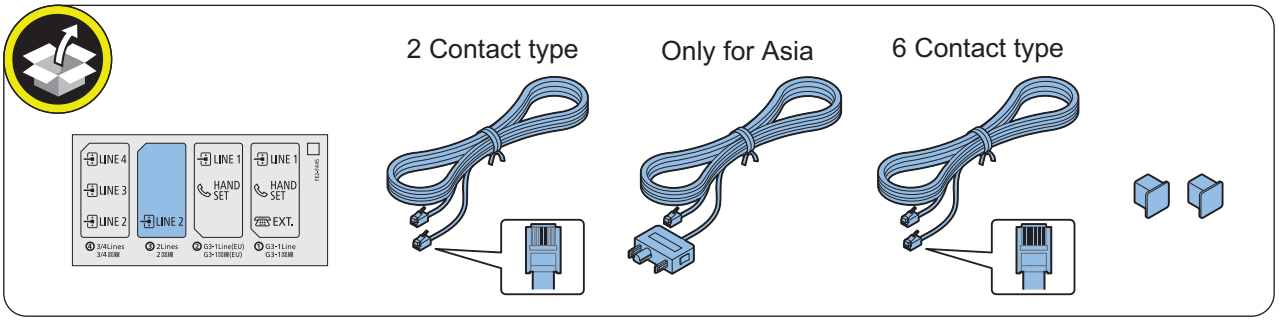
NOTE:
- This step is only for Europe.
- Do not connect the Telephone Cord (2 contact type) with the PTT Plug.
- Connect the PTT Plug matched the field or area to the PTT Cable (6 contact type).

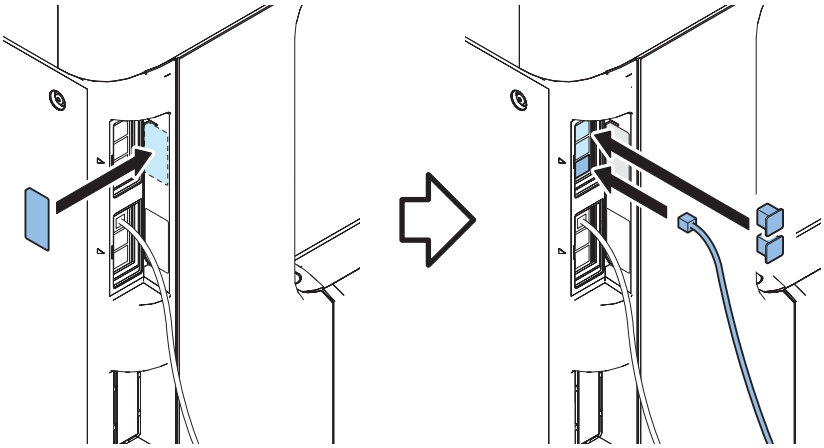


□

9.

NOTE:
PTT Cable or Telephone Cord to the modular jack on the Host machine, and connect the other end to the modular jack on the wall.

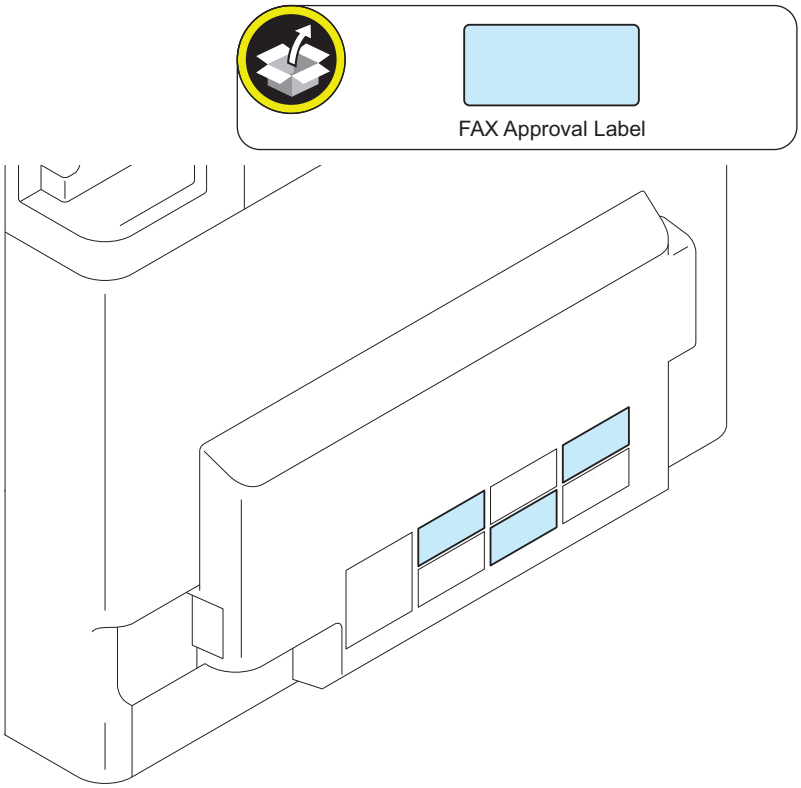




☐

10.

NOTE:
- This step is only for Taiwan.
- Affix the FAX Approval Label in the vacant space.



☐

11. Connect the Power Plug to the outlet.

☐

12. Turn ON the main power switch.

Checking the Operation

■ Type Settings

Select the country/region of the FAX Board in Service Mode: FAX > Type > TYPE
This setting performs the parameter settings to match the communication specification of the country/region.

☐

1. **From the following service mode, set the TYPE of country/region to install this machine, and then press OK.**
   FAX > TYPE > TYPE

2. **Confirm that service mode parameter below is "0". In the case, parameter is "1", change to "0".**
   COPIER > OPTION > DSPLY-SW > SDTM-DSP

NOTE:
To change parameter to "0" makes no show below [Settings/Registration > Preferences > Time/Energy Settings > Auto Shutdown Time] and auto shut down is not available.

3. **Turn OFF/ON the main power switch to enable this setting.**

■ Basic Settings

NOTE:
When "System Manager Information Settings" is set, be sure to follow the direction of user administrator in order to log in as an administrator.

In this section, make only minimum settings required for FAX communication.

□

1. **Set the user telephone number.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 2] > [Register Unit Telephone Number] > Enter FAX number > [OK]
2. **Set the type of telephone line.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 2] > [Select Line Type] > Select the line type to connect > [OK]
3. **Turn OFF/ON the main power switch after setting the user telephone numbers and the type of telephone line.**

■ FAX Communication Test

Perform communication test to check if FAX function works correctly.

□

1. **Switch the control panel display to Fax display.**
2. **Select the sending line.**
   Press [Fax] > [Options] > [Select Line], select the added line, then press [OK] button.
3. **Send and receive a test original between the equipment and a remote unit with which a communication test can be performed and check if it can be sent and receive correctly.**
   1. Press [Status Monitor/Cancel] > [Send] > [Job Log] and select [Fax] from pull down menu.
   2. Press [Fax Activity Report] > [OutPut Normally] > [Start Printing].
   3. The number printed following colon (:) in "COMM.MODE" field on FAX ACTIVITY REPORT TX/RX shows line type used for sending/receiving.
      E.g. "ECM:2" => Line 2

NOTE:
If E744-5000 error code (Fax software version mismatch error) occurred while sending or receiving fax, upgrade the firmware of 2-line Fax to the latest version.

Super G3 3rd/4th Line Fax Board-AX1

Points to Note at Installation

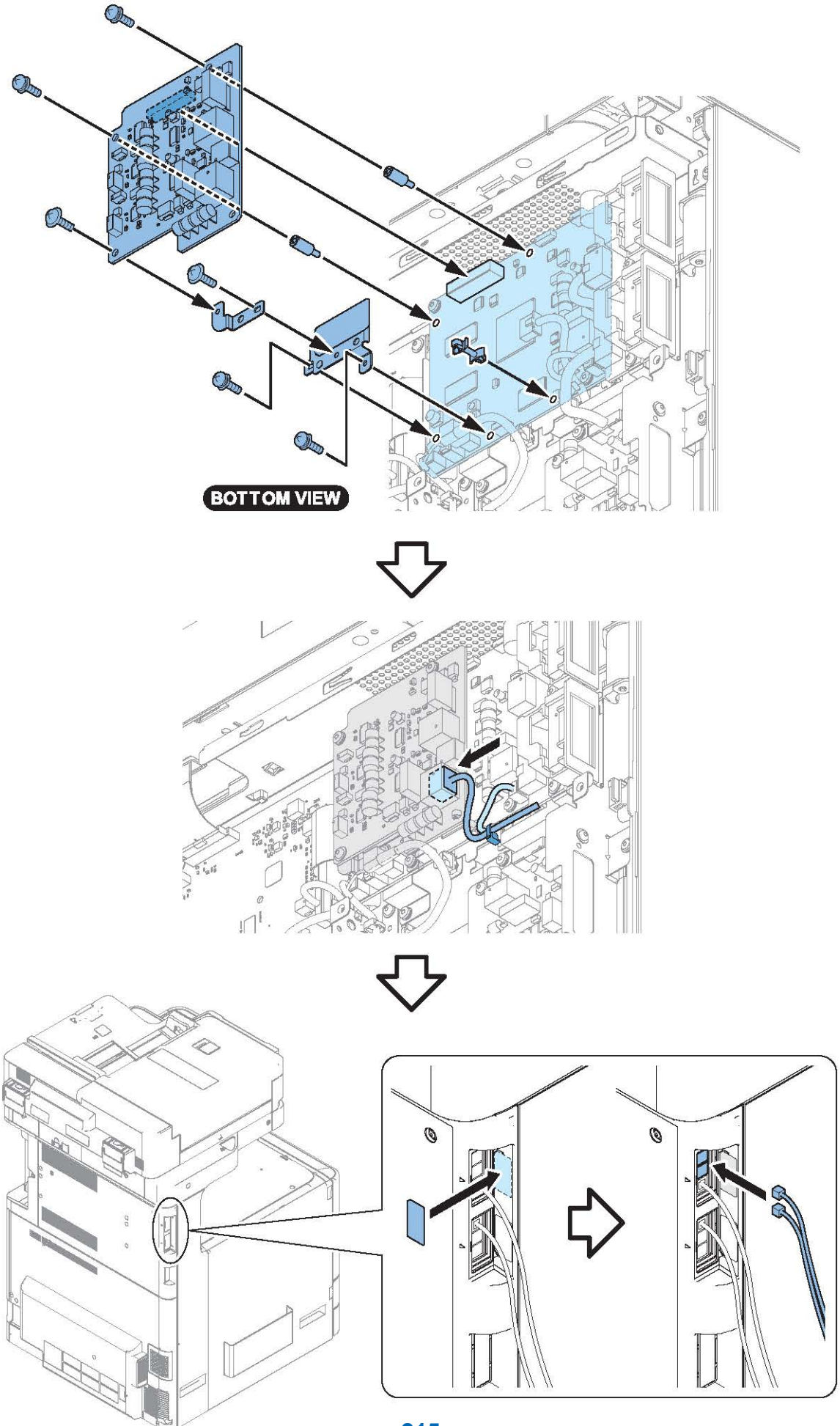
- When installing the Super G3 2nd Line Fax Board and this equipment at the same time, install this equipment on the Super G3 2nd Line Fax Board before installation.

Product Name

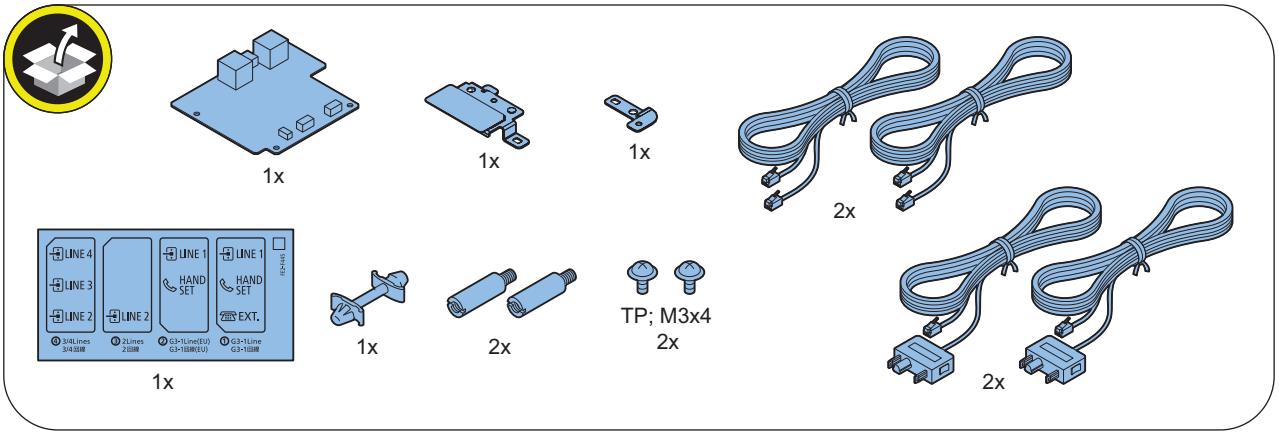
Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F635113

Installation Outline Drawing



Checking the Contents

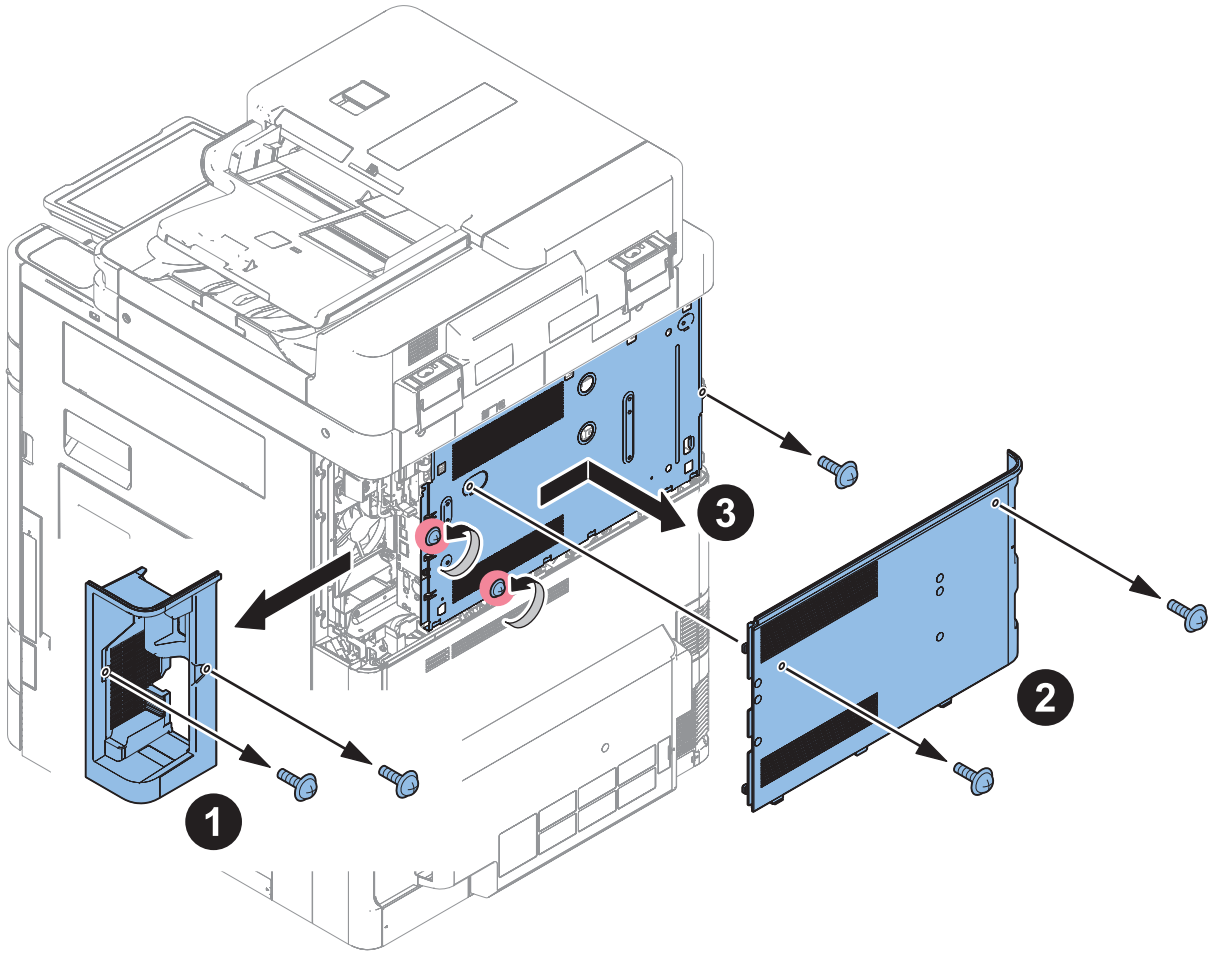


Installation Procedure

□

1.

NOTE:
Remove the 2 telephone cords or the 2 PTT Cables when removing the rear cover.



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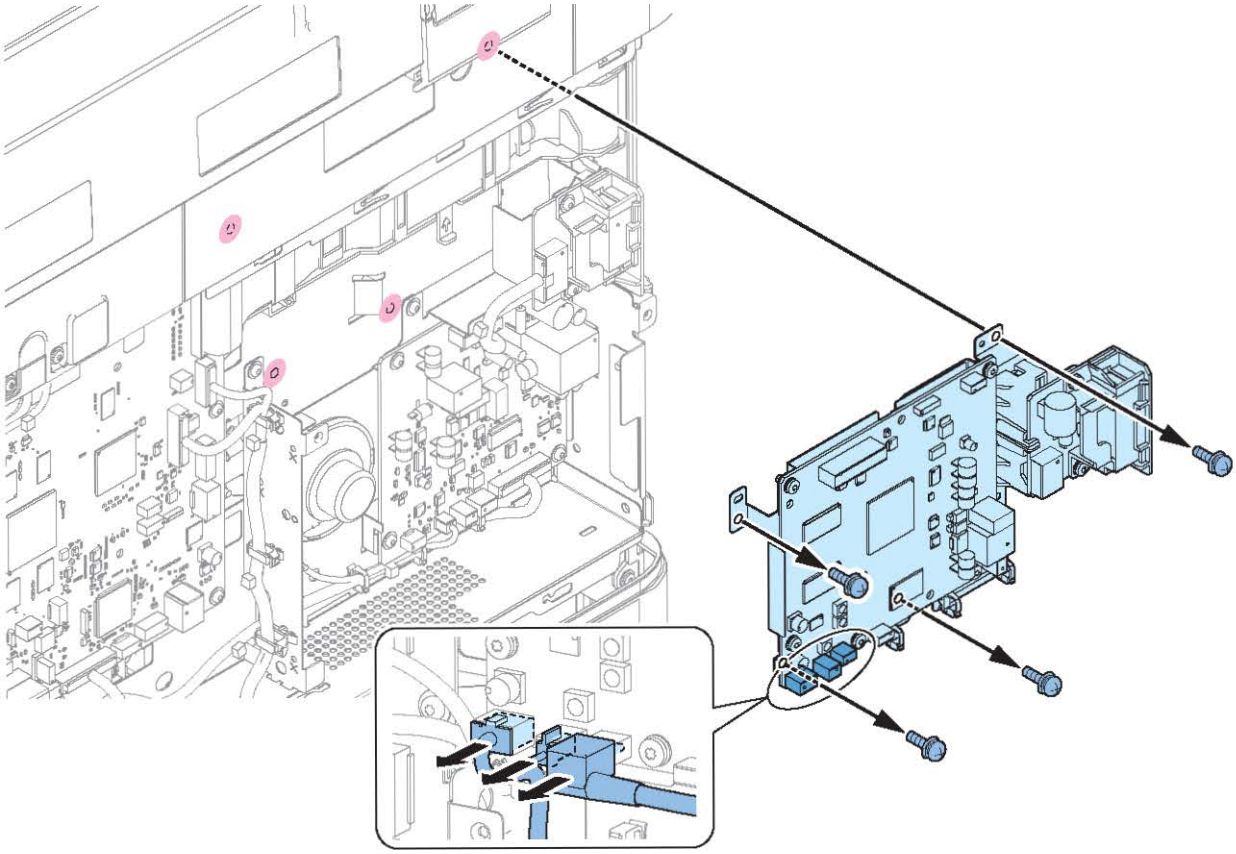
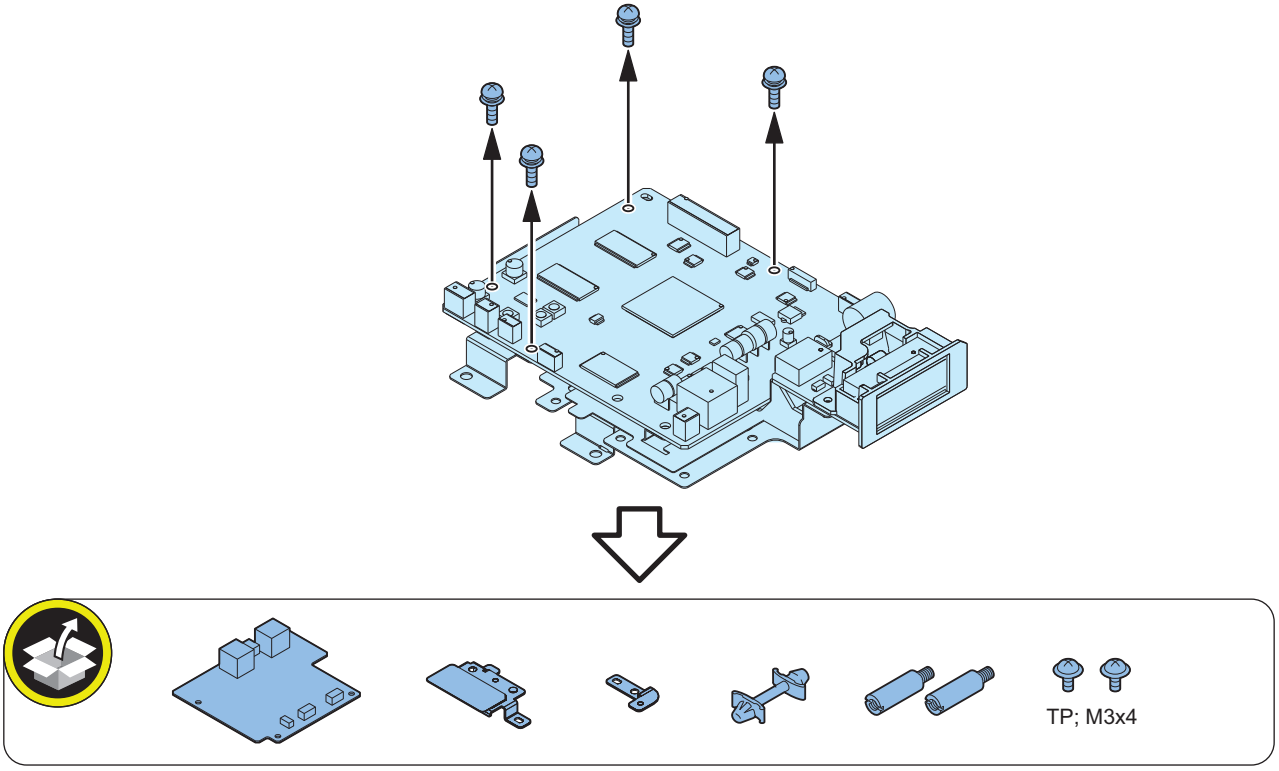
2.

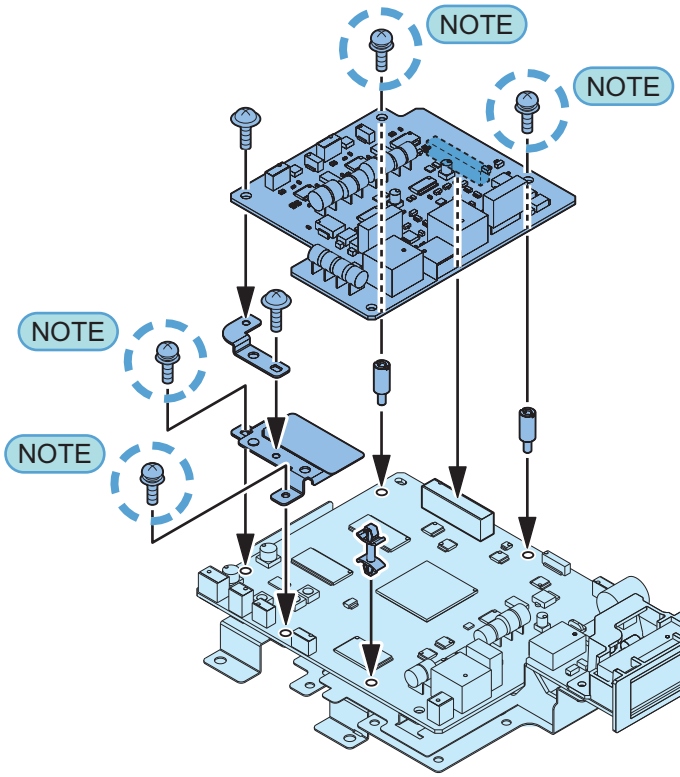


□

3.

NOTE:
Installing the screws removed.





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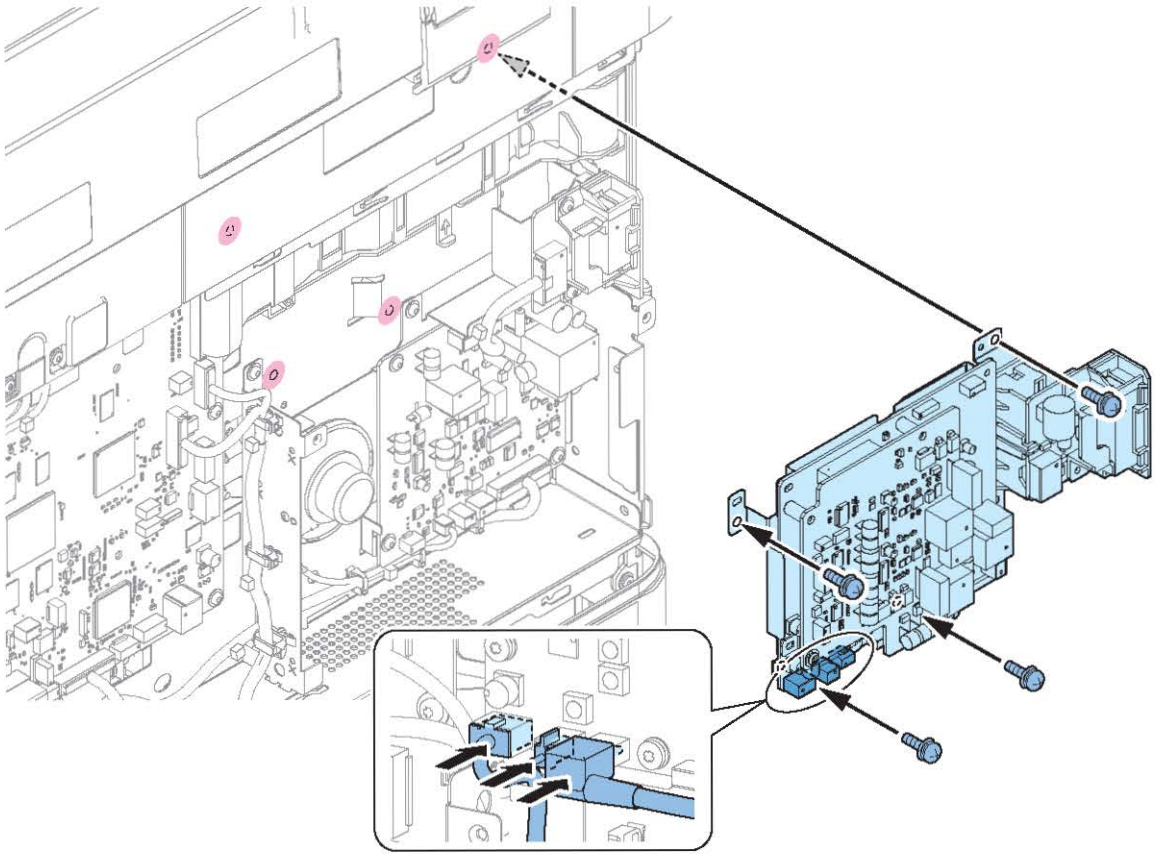
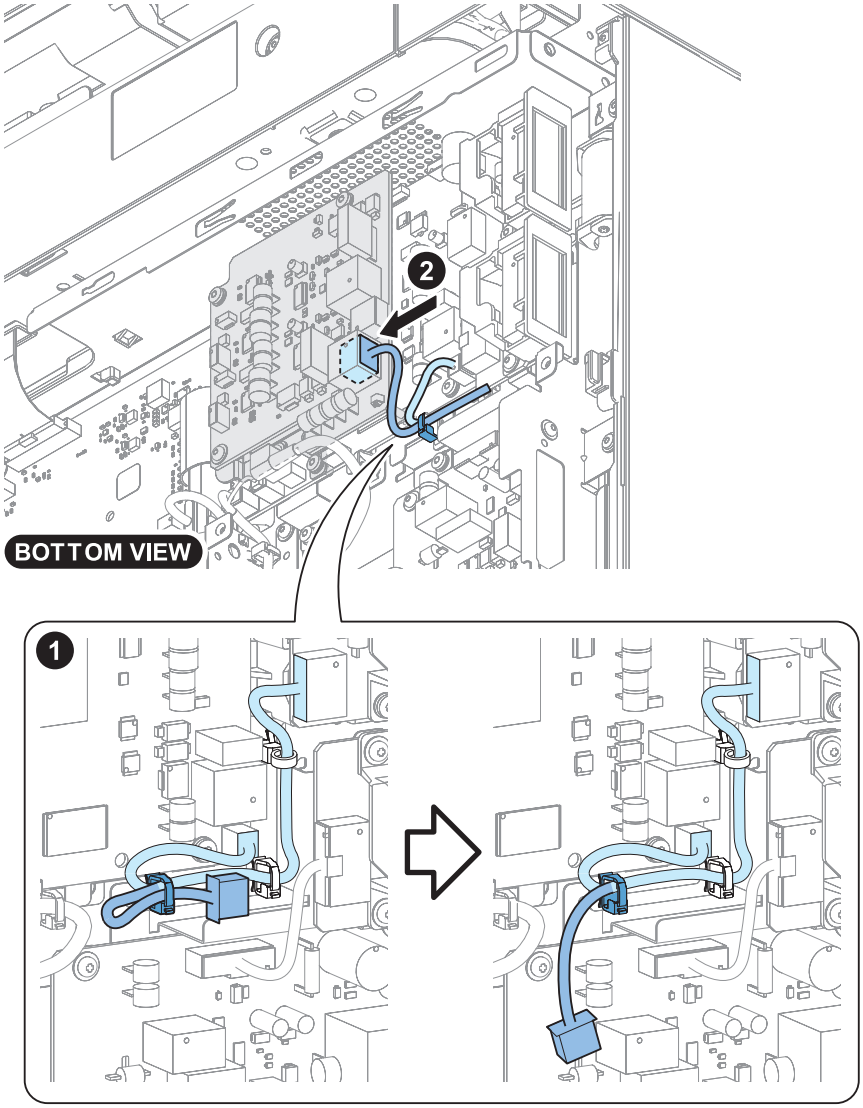
4.



□

5.



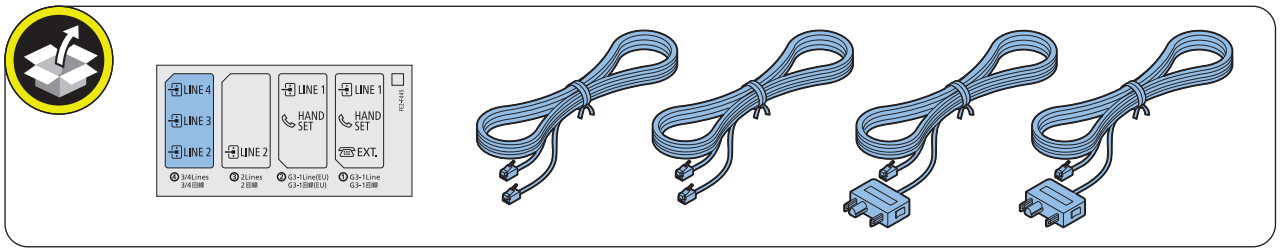
□

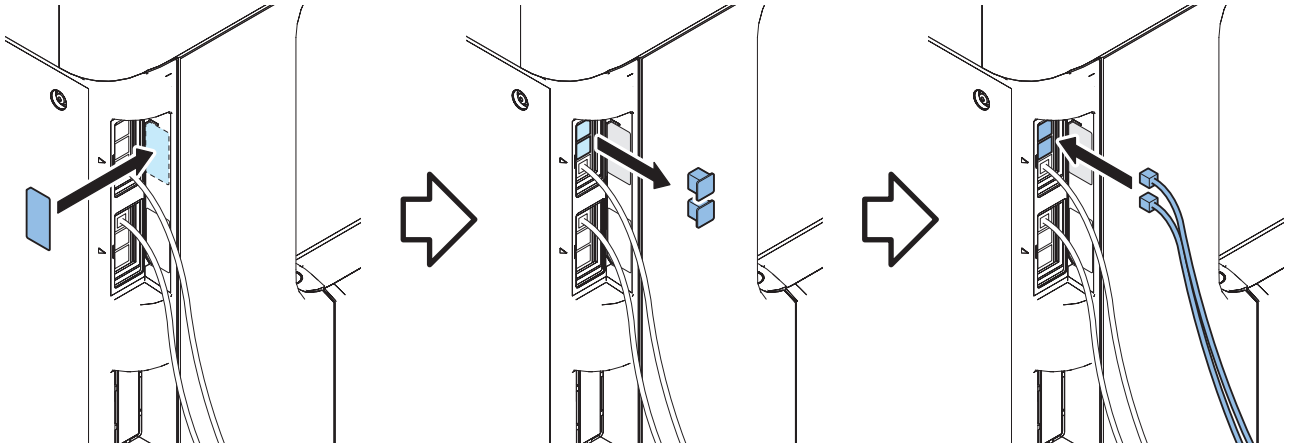
6. **Install the removed cover and telephone cords.**

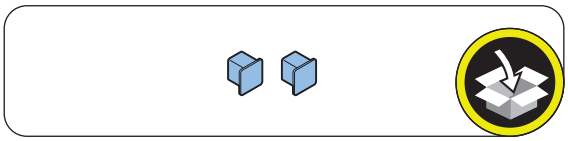
□

7.

NOTE:
Connect one of the the 3-4 telephone Cords or the 2 PTT Cables to the modular jack on the host machine.
and the other cord to the modular jack on the wall.







□

8. Connect the Power Plug to the outlet.

□

9. Turn ON the main power switch.

Checking the Operation

■ Type Settings

Select the country/region of the FAX Board in Service Mode: FAX > Type > TYPE
This setting performs the parameter settings to match the communication specification of the country/region.

□

1. **From the following service mode, set the TYPE of country/region to install this machine, and then press OK.**
   - Service Mode > FAX > Type > TYPE

2. **Confirm that service mode parameter below is "0". In the case, parameter is "1", change to "0".**
   - COPIER > OPTION > DSPLY-SW > SDTM-DSP

NOTE:
To change parameter to "0" makes no show below [Settings/Registration > Preferences > Time/Energy Settings > Auto Shutdown Time] and auto shut down is not available.

3. **Turn OFF/ON the main power switch to enable this setting.**

■ Basic Settings

NOTE:
When "System Manager Information Settings" is set, be sure to follow the direction of user administrator in order to log in as an administrator.

In this section, make only minimum settings required for FAX communication.

☐

1. **Set the user telephone number.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 3]/[Line 4] > [Register Unit Telephone Number] > Enter FAX number > [OK]
2. **Set the type of telephone line.**
   [Settings/Registration] > [Function Settings] > [Send] > [Fax Settings] > [Set Line] > [Line 3]/[Line 4] > [Select Line Type] > Select the line type to connect > [OK]
3. **Turn OFF/ON the main power switch after setting the user telephone numbers and the type of telephone line.**

■ FAX Communication Test

Perform communication test to check if FAX function works correctly.

☐

1. **Switch the control panel display to Fax display.**
2. **Select the sending line.**
   Press [Fax] > [Options] > [Select Line], select the added line, then press [OK] button.
3. **Send and receive a test original between the equipment and a remote unit with which a communication test can be performed and check if it can be sent and receive correctly.**
   1. Press [Status Monitor/Cancel] > [Send] > [Job Log] and select [Fax] from pull down menu.
   2. Press [Fax Activity Report] > [OutPut Normally] > [Start Printing].
   3. The number printed following colon (:) in "COMM.MODE" field on FAX ACTIVITY REPORT TX/RX shows line type used for sending/receiving.
      E.g. "ECM:3" => Line 3

imagePASS-R1

The IP addresses for communication between the host machine and equipment are set automatically

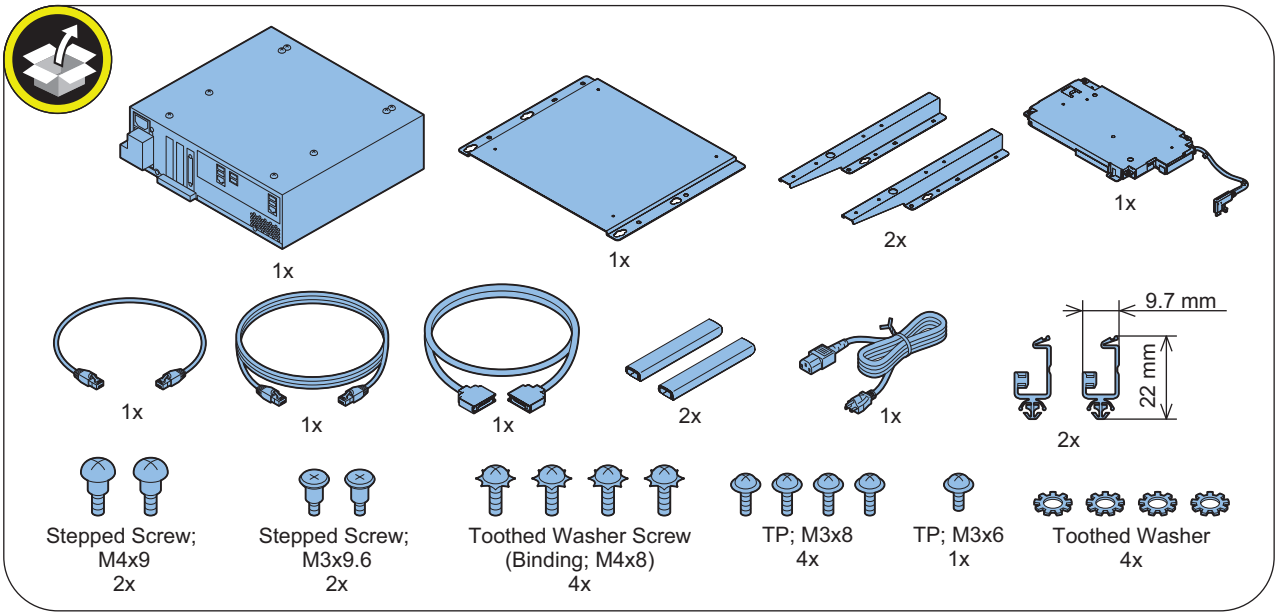
□

1. **Turn ON the main power switch of the host machine.**
2. **Set the value in the following service mode to "3".**
   COPIER > OPTION >INT-FACE > IMG-CONT
3. **Exit from Service Mode.**
4. **Turn OFF the main power switch of the host machine.**

Check When Connecting the Power Plug to an Outlet

1. When connecting the power plug of this equipment to an outlet, be sure to use an outlet of a system different from that of the host machine.
2. Be sure to install this equipment near an outlet so that the power plug can be disconnected right away in case of emergency, and do not put anything around the power plug.

Checking the Contents



* Power Cord: The connector has a different shape depending on locations. 2 are packaged in the products for EUR/1 is packaged in the products for USA. Use the correct power cord to mach the location/area of installation.
Make sure not to leave unused power cord at the site.

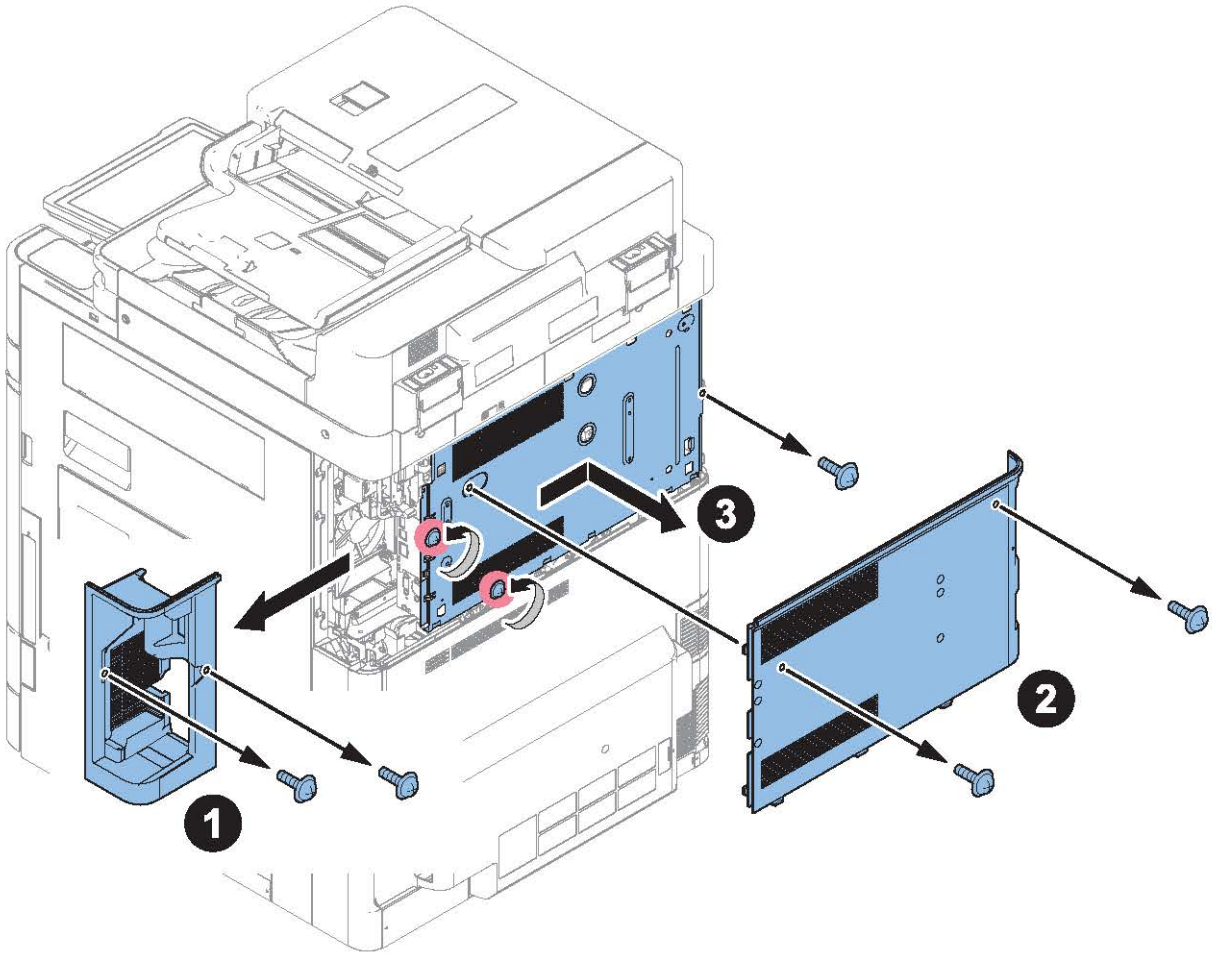
<Others>

- Including guides

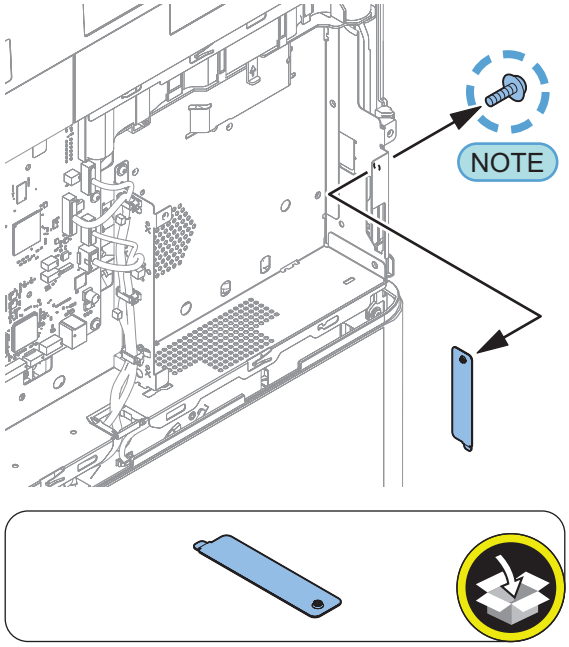
Installation Procedure

□

1.



□
2.

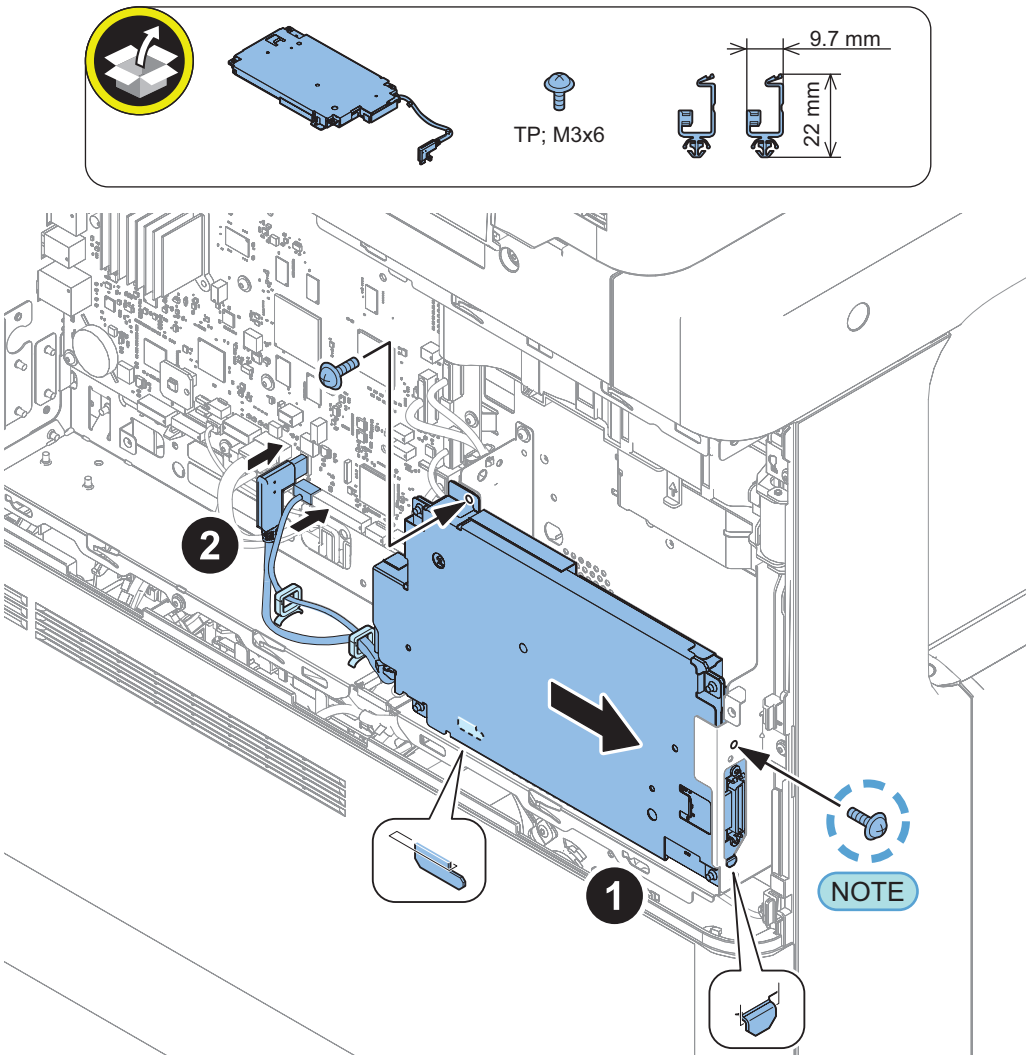


NOTE:
The removed screws will be used at later step.

□

3.

NOTE:
Installing the screws removed in the previous step.



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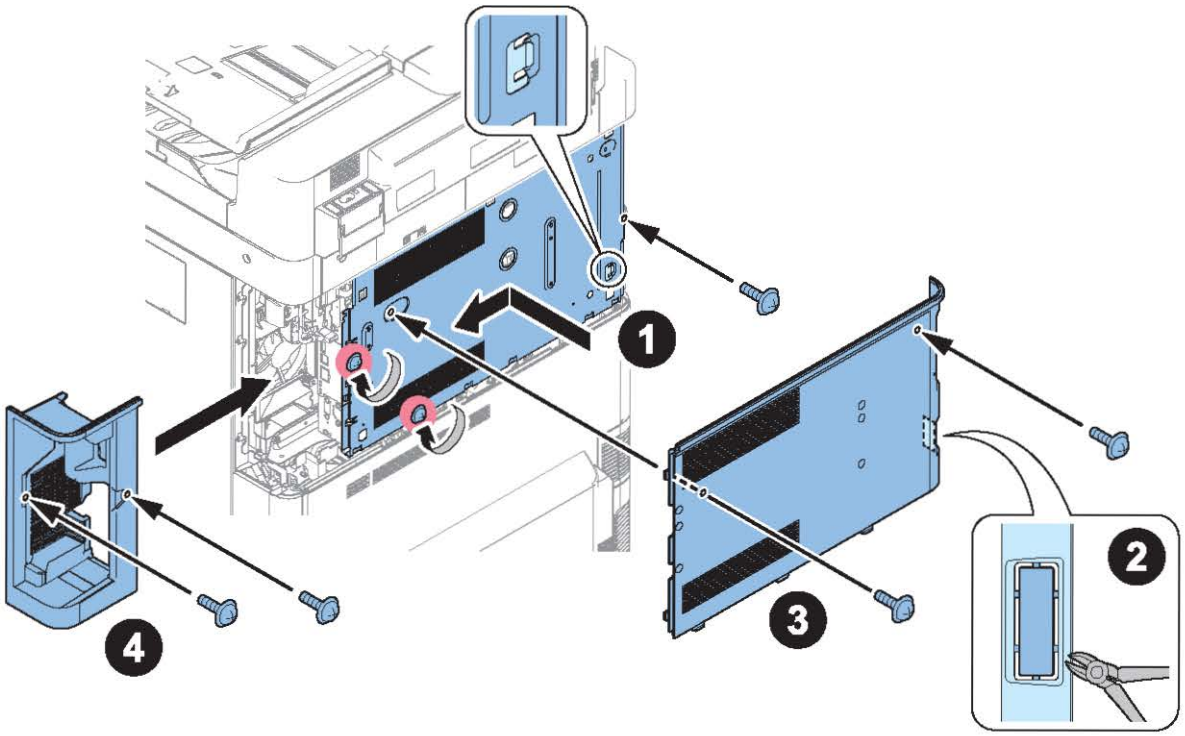
4.



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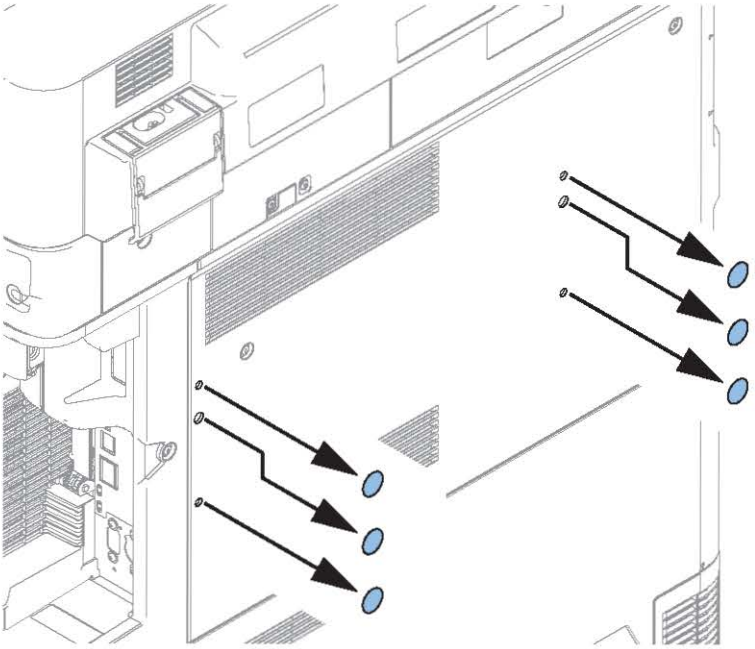
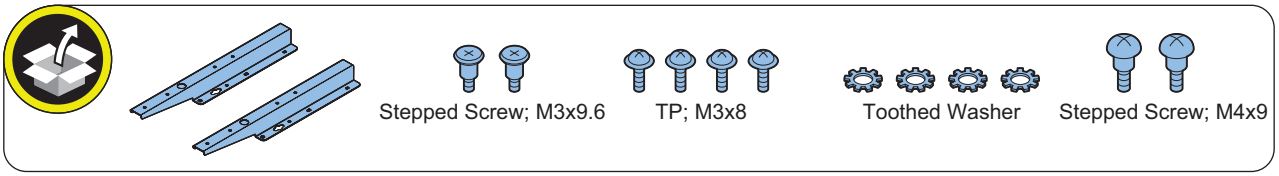
5.

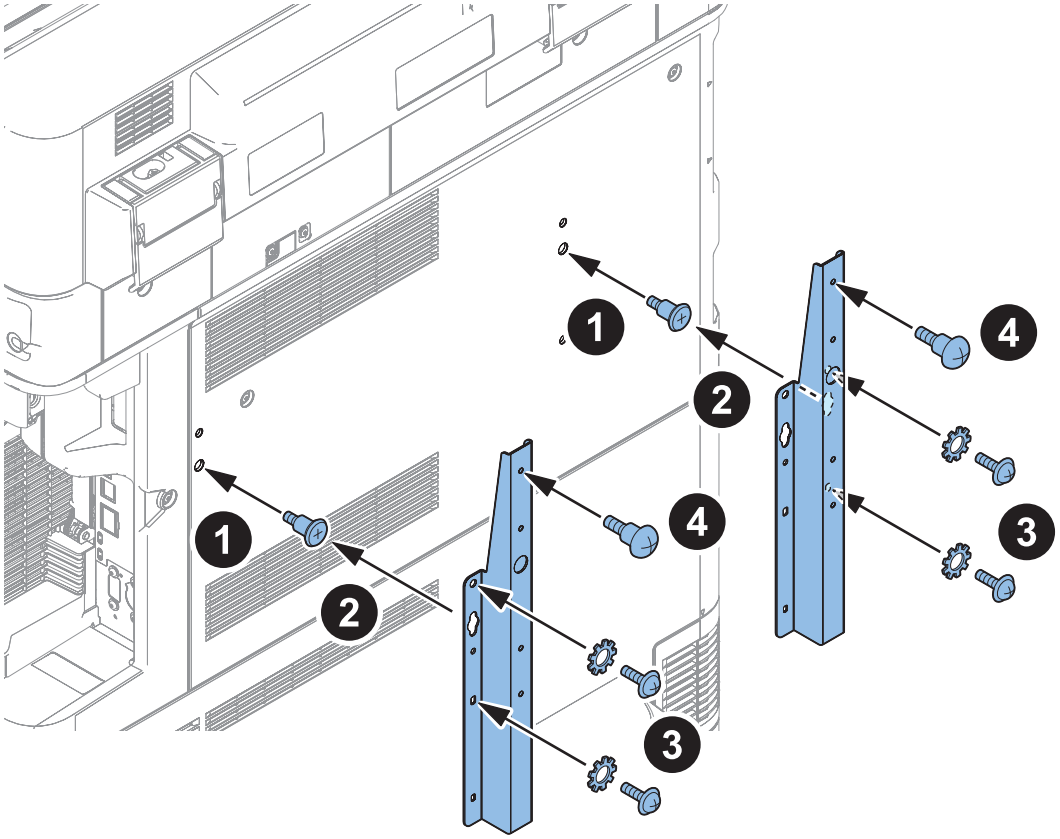


□

6.

CAUTION:
Install vertically so that the plate does not tilt.





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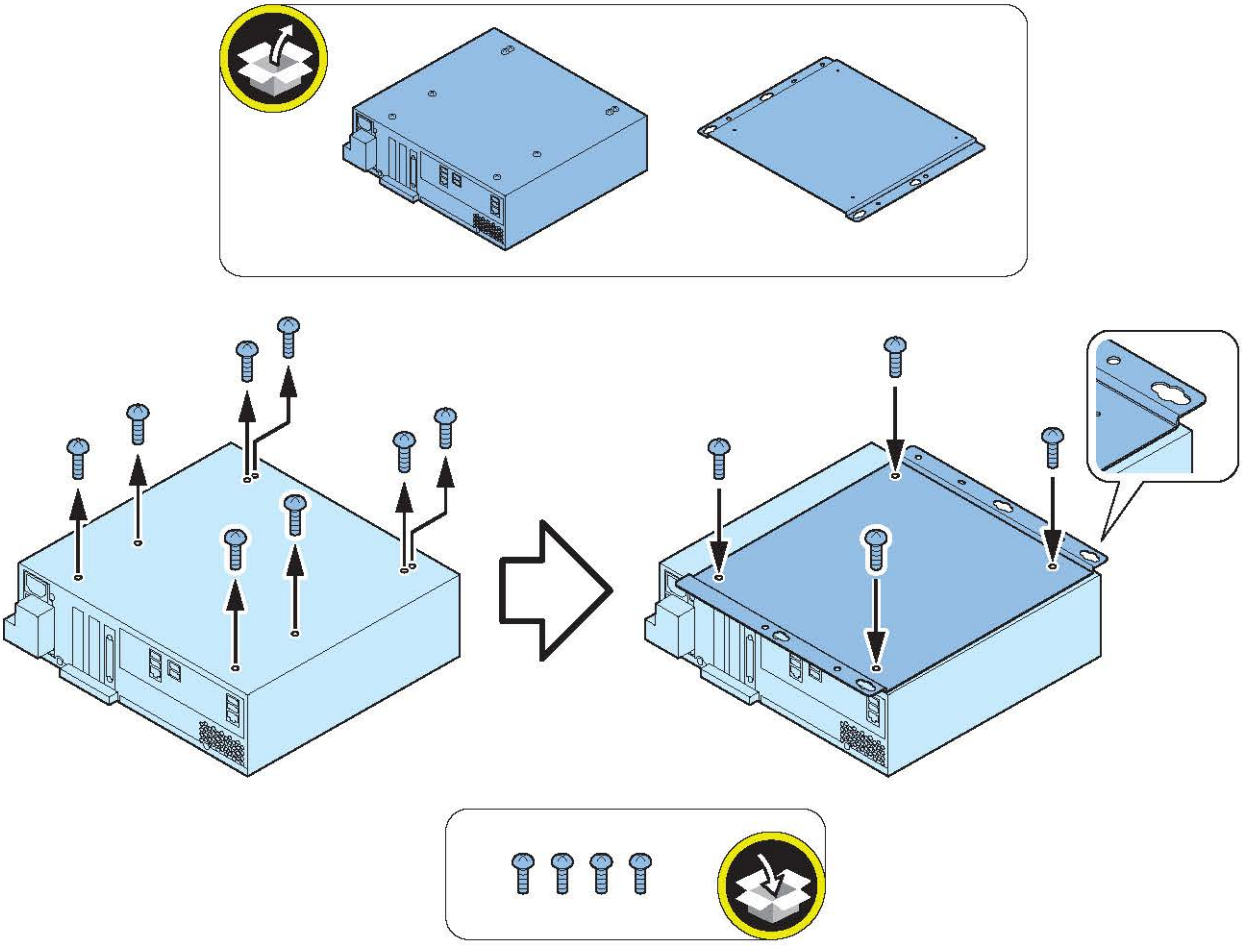
7.



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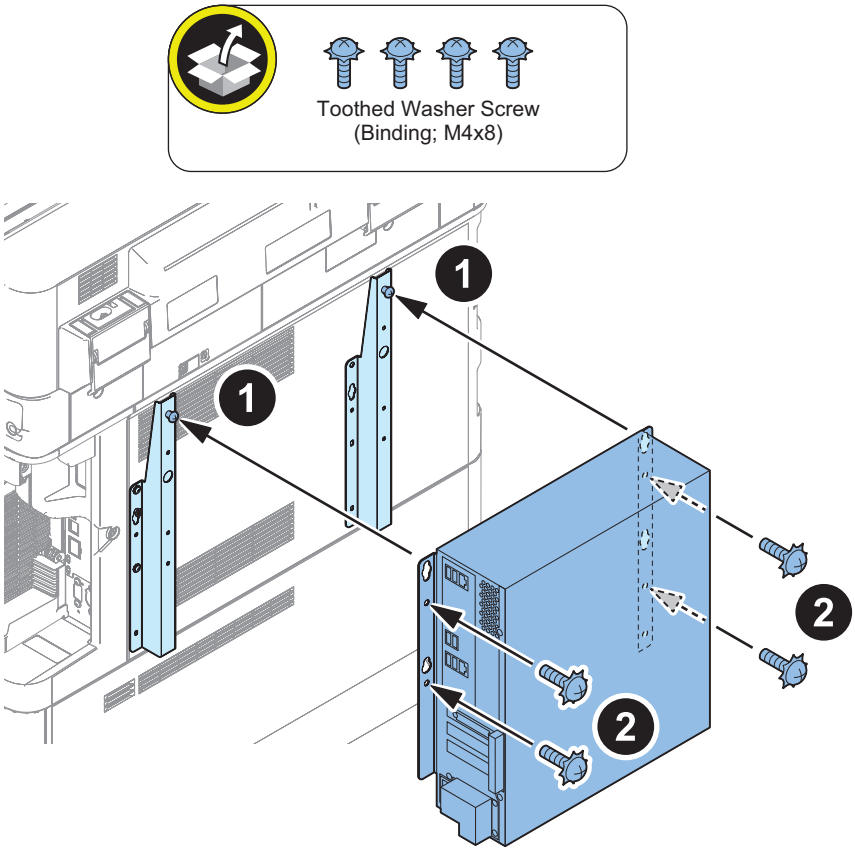
8.



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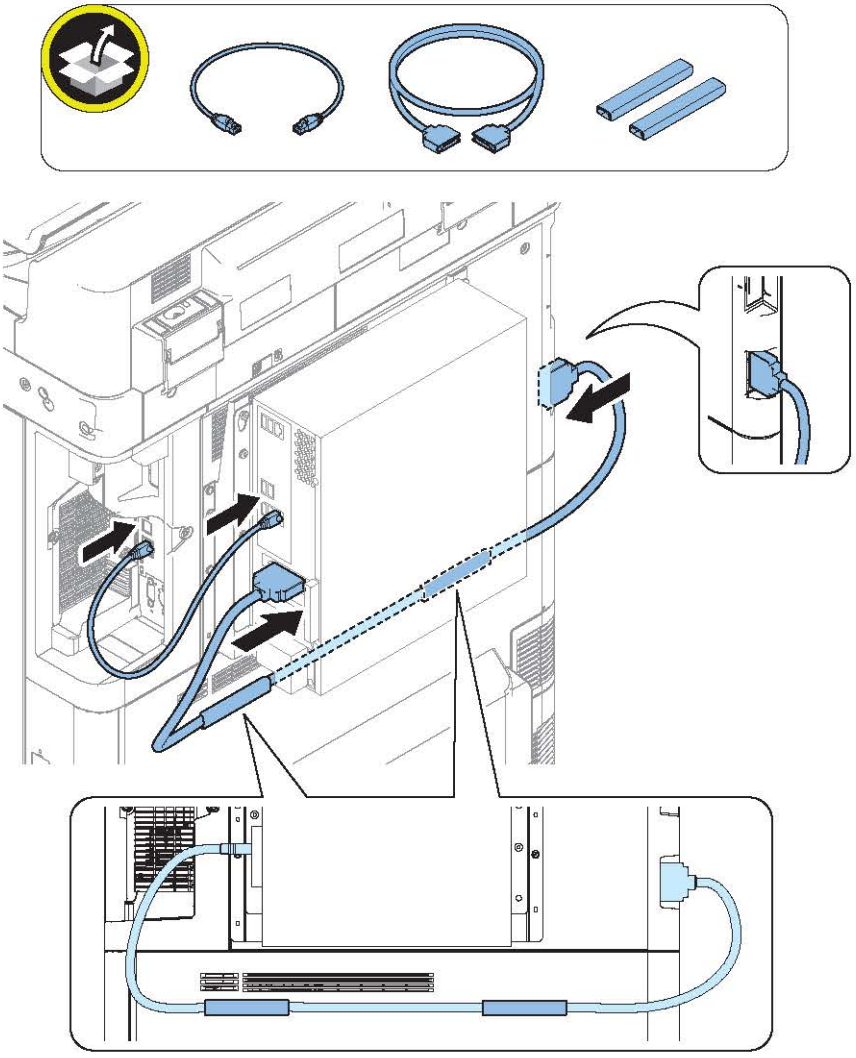
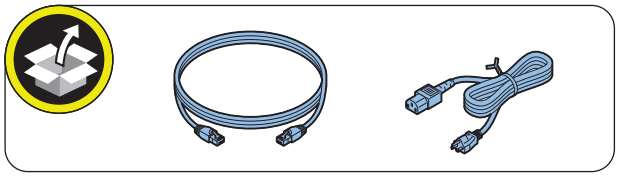
9.

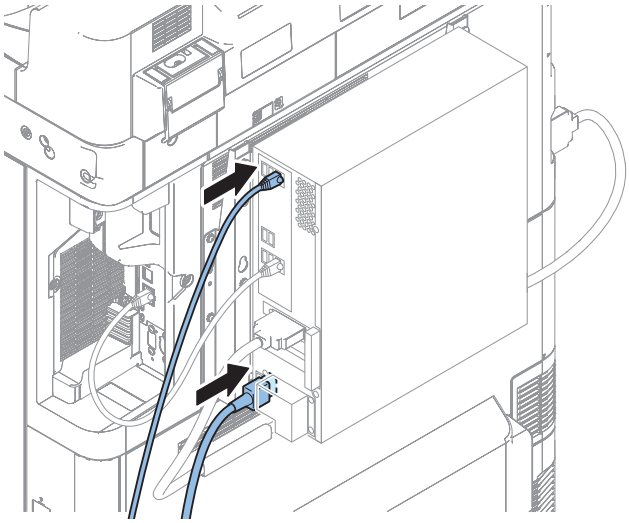


☐

10.

CAUTION:
Be sure to use the network cable with Category 5e or higher. In addition, a shielded type (STP cable) is recommended. When using the non-shielded type (UTP cable), it may influence the surrounding electronic equipments via network cable. Use the correct power cord to match the location/area of installation. Make sure not to leave unused power cord at the site.





☐

11. Connect the power plug to the outlet of the host machine.

☐

12. Connect the power plug to the outlet of the imagePASS.

CAUTION:
Be sure to use an outlet of a system different from that of the host machine.

☐

13. Turn ON the power switch of the imagePASS.

☐

14. Turn ON the main power switch of the host machine.

□

15. **After seeing "Perform Apply Setting Changes from Settings/Registration." displayed on the host machine's Touch Panel, select [Apply Set. Changes] > [Yes].**

NOTE:
- The host machine automatically restarts. It may take approx. 10 minutes before the message appears.
- The imagePASS is automatically restarted only at the first time when it is connected.
  It takes about approx. 5 minutes until it is ready for use. Do not press the buttons on the imagePASS until it is ready for use.

□

16. **Check that the value of the following service mode is "473".**

COPIER > OPTION > INT-FACE > CNT-TYPE

□

17. **Exit from Service Mode.**

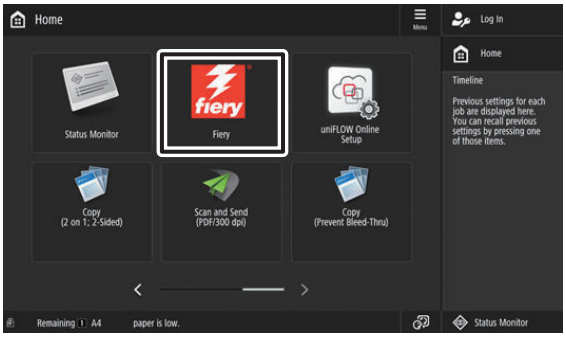
Settings After Installation

■ Settings After Installation

□

1. **Select [Fiery] from the main menu on the host machine's LCD.**

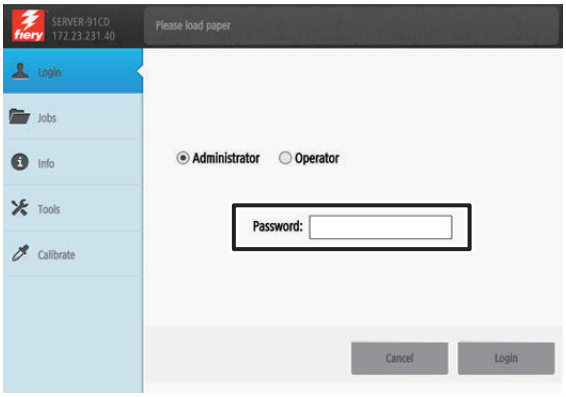
NOTE:
It may take a while for the Fiery icon shown in the figure below to appear.



☐

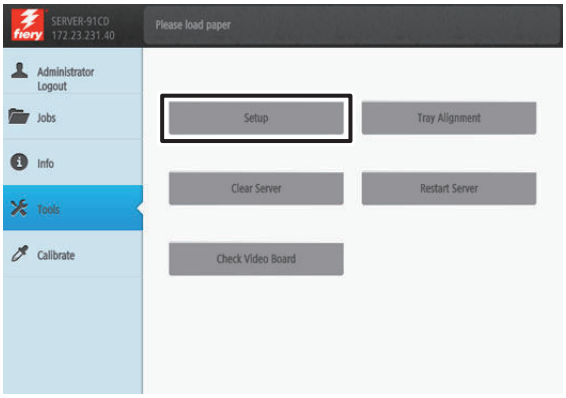
2. **Select [Login] to log in as a system administrator.**
   Input of password :
   A password input screen is displayed at the time of installation.
   Entering "`Fiery password`" in the password field displays the setting screen.

NOTE:
on the Fiery Server Configuration page, look for ID in the BIOS Setup section. The alphanumeric characters in the ID field is the default password.(Print the Configuration page: Press the Fiery logo, then press [Info] > [Print Pages] > [Configuration].)



☐

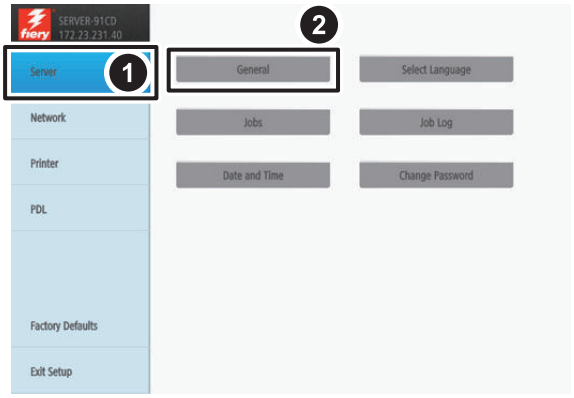
3. **Select [Tools] > [Setup].**



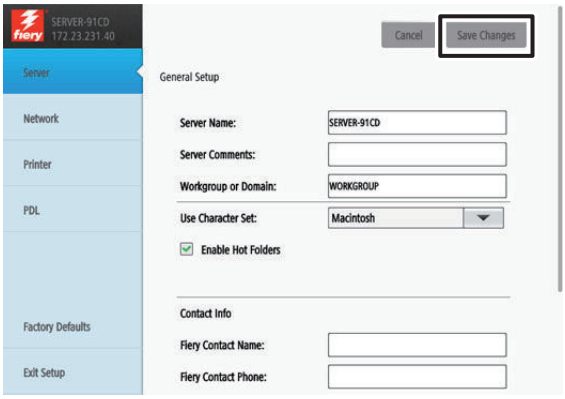
☐

4. **Check the settings of server, network, printer and PDL, and press [Save Changes] even if there is no change. At that time, the setting will not be completed unless [Save Changes] is pressed.**

Example : Select [Server] > [General].



Check that the items in the General Setup are set, and perform [Save Changes] even if there is no change. The setting will not be completed unless [Save Changes] is pressed.



☐

5. **Press [Exit Setup] after all settings are completed.**

☐

6. **The confirmation screen will appear, and then press [Reboot Now].**

☐

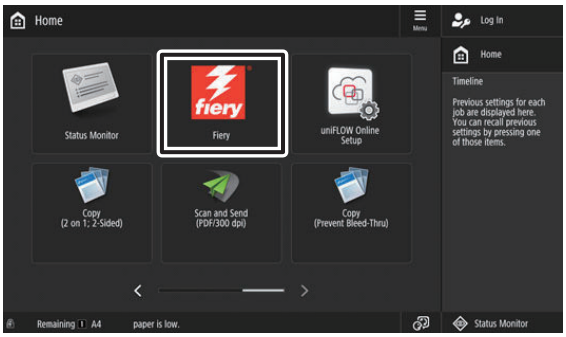
7. **The imagePASS Server will be restarted (approx. 10 min.).**

■ Checking the Operation After Making the Settings

Output Test Page and Configuration by the following procedure, and check the connection between the host machine and this equipment as well as the settings of this equipment.

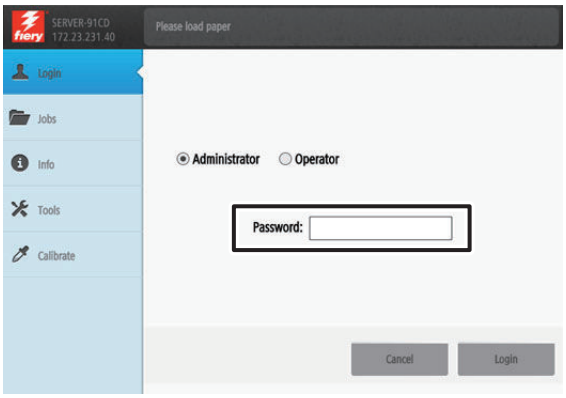
☐

1. **Select [Fiery] from the main menu on the host machine's LCD.**

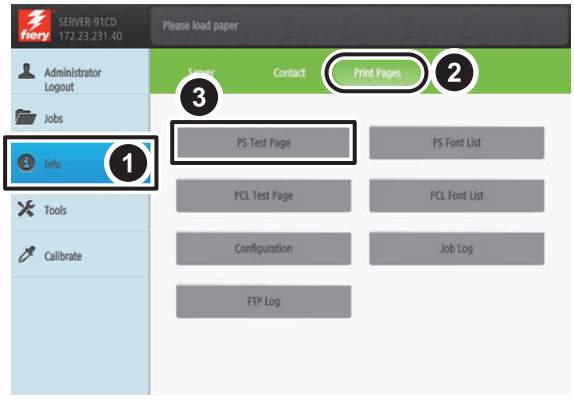


2. **Select [Login] to log in as a system administrator.**
   Entering "`Fiery password`" in the password field displays the setting screen.

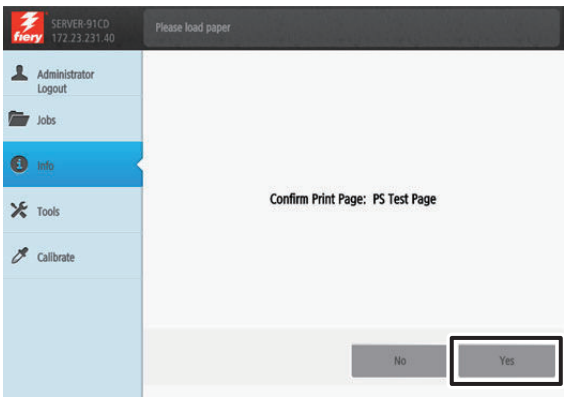
NOTE:
on the Fiery Server Configuration page, look for ID in the BIOS Setup section. The alphanumeric characters in the ID field is the default password.(Print the Configuration page: Press the Fiery logo, then press [Info] > [Print Pages] > [Configuration].)



3. **Select [Info] > [Print Pages] > [PS Test Page].**



4. **Press [Yes].**



■ Connecting to the Network

Ask the network administrator to connect to the network, make settings and output the test print. Refer to "Settings Management" in User's Manual for details of checking work.

■ Executing image Quality Adjustment

Execute the image quality adjustment shown below at installation. (Refer to "Installation" in Service Manual for host machine.)

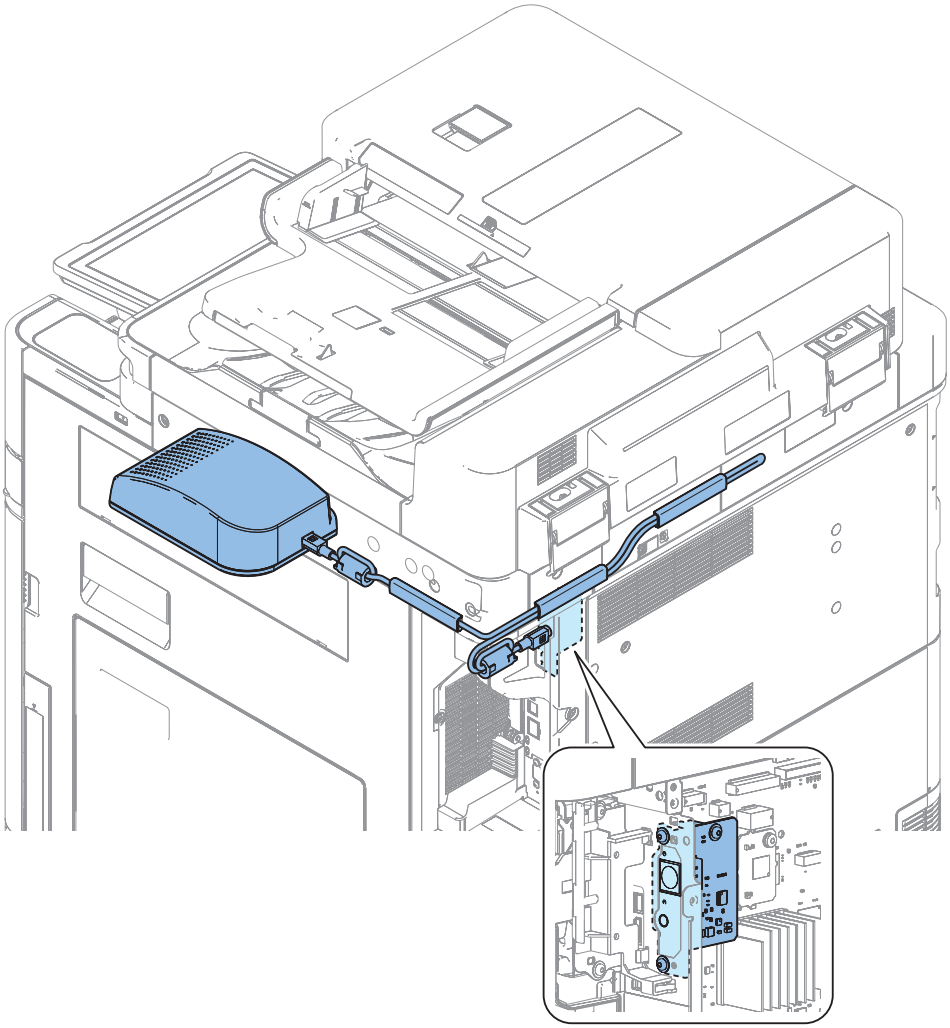
- Auto Adjust Gradation (Full Adjustment)

Voice Guidance Kit-G1/Option Attachment kit for Reader-A2

Points to Note when Installing

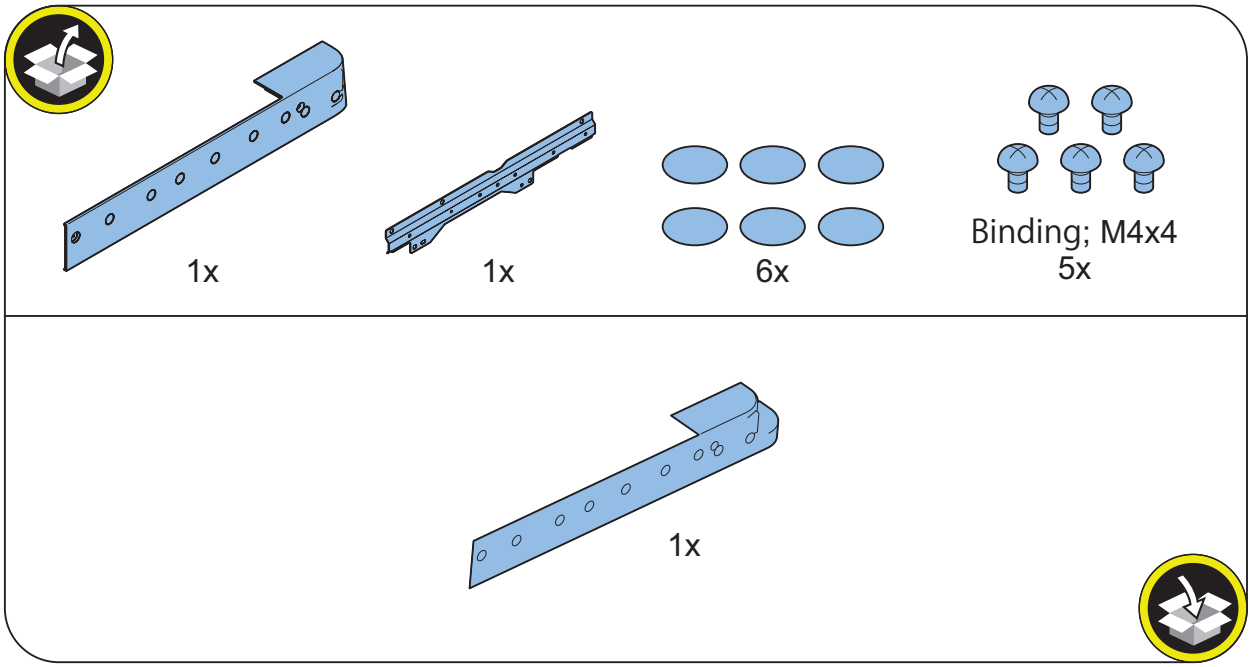
- The option "Option Attachment kit for Reader" is needed to install this equipment.
- This equipment requires the option, the "Numeric Keypad." To install the Numeric Keypad, refer to its Installation Procedure.
- Refer to "Table of Options Combination" when installing this equipment before operation.

Installation Outline Drawing

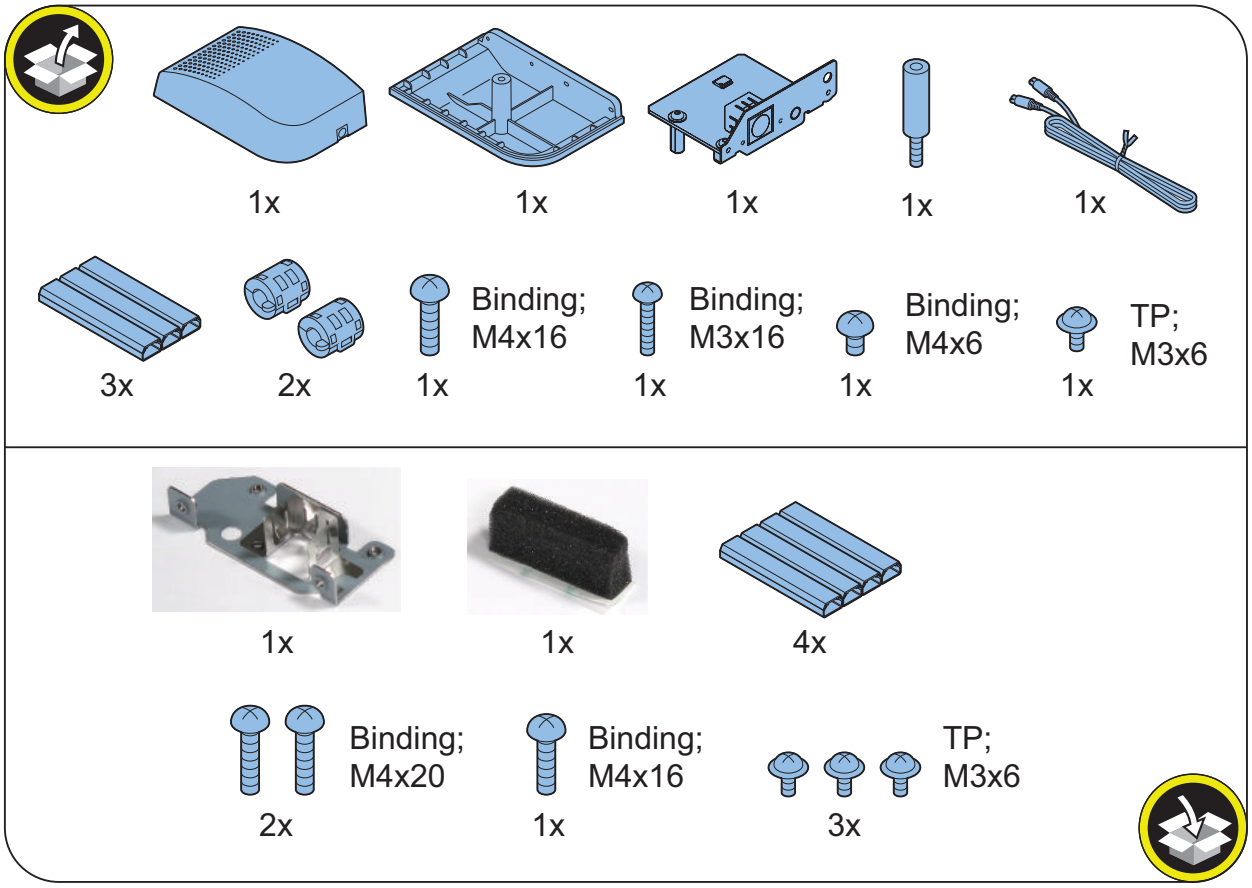


Checking the Contents

■ Option Attachment kit for Reader-A2



■ Voice Guidance Kit-G1

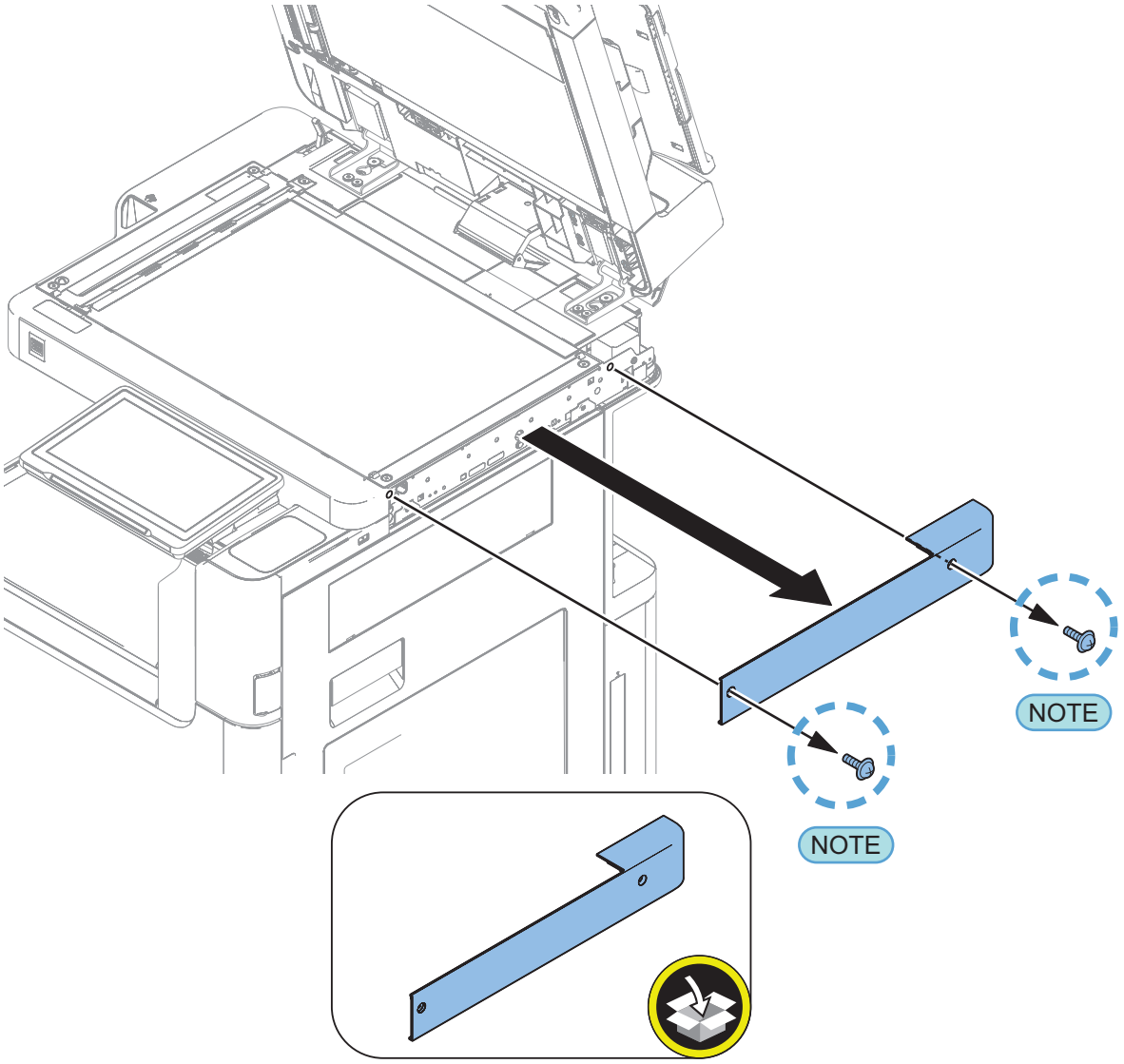


Installation Procedure

■ Removing the Covers

□

1.



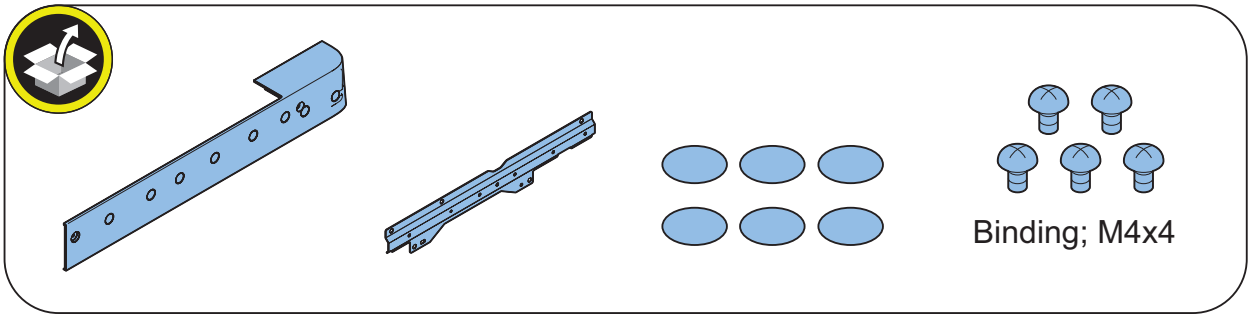
NOTE:
The removed screws will be used at later step.

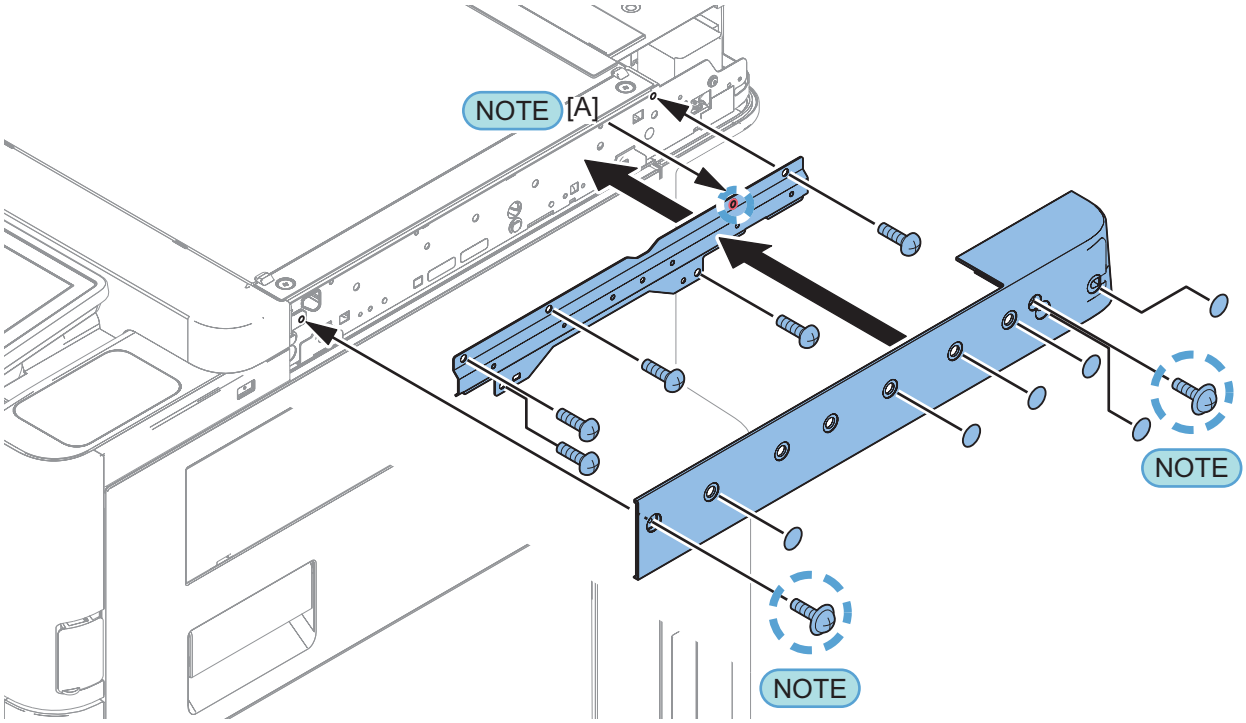
■ Option Attachment kit for Reader-A2

□

1.

NOTE:
- Installing the covers removed in the previous step.
- Screw holes [A] may or may not be present.
- Do not use this screw hole [A].

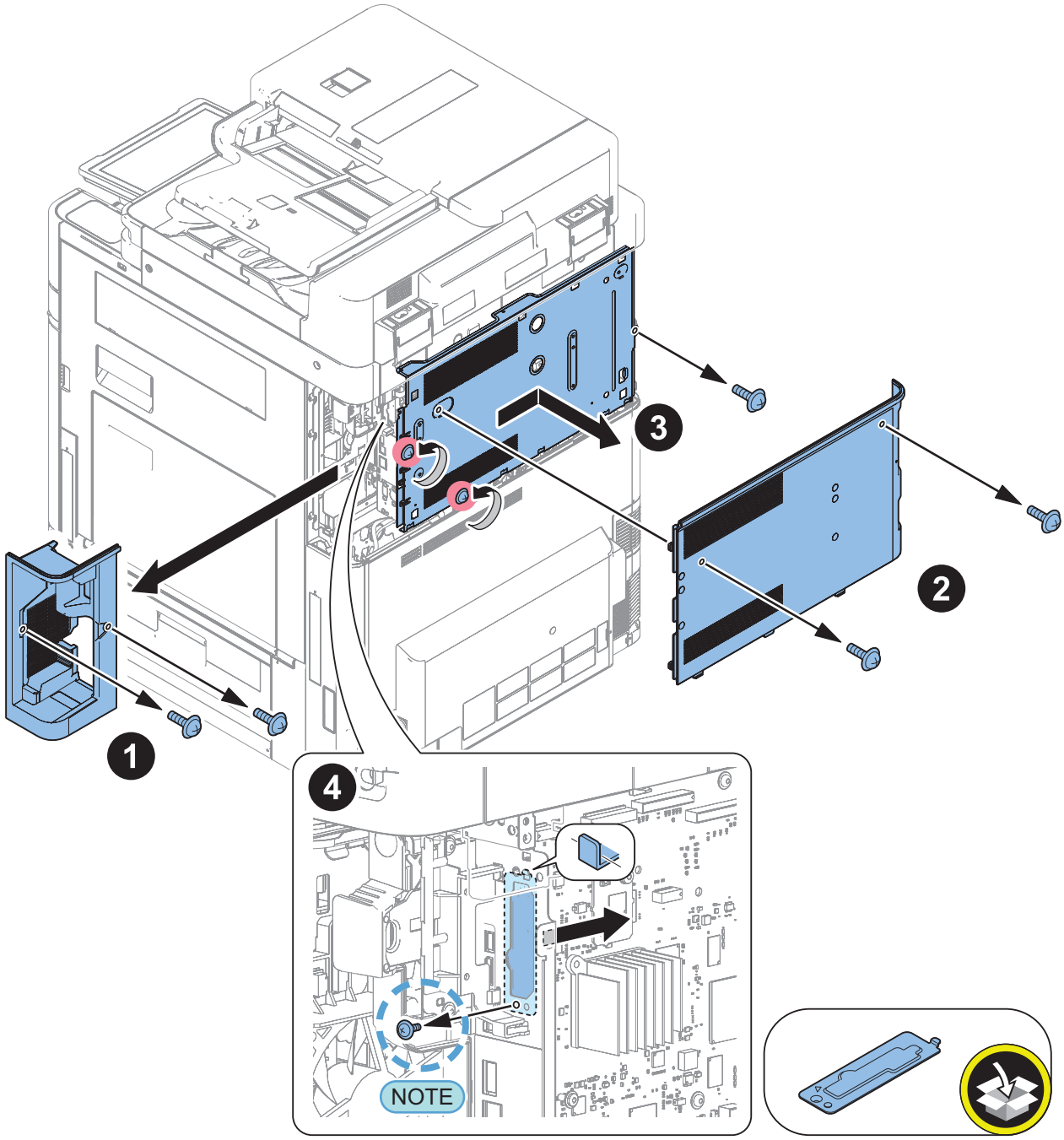




■ Removing the Covers

□

1.

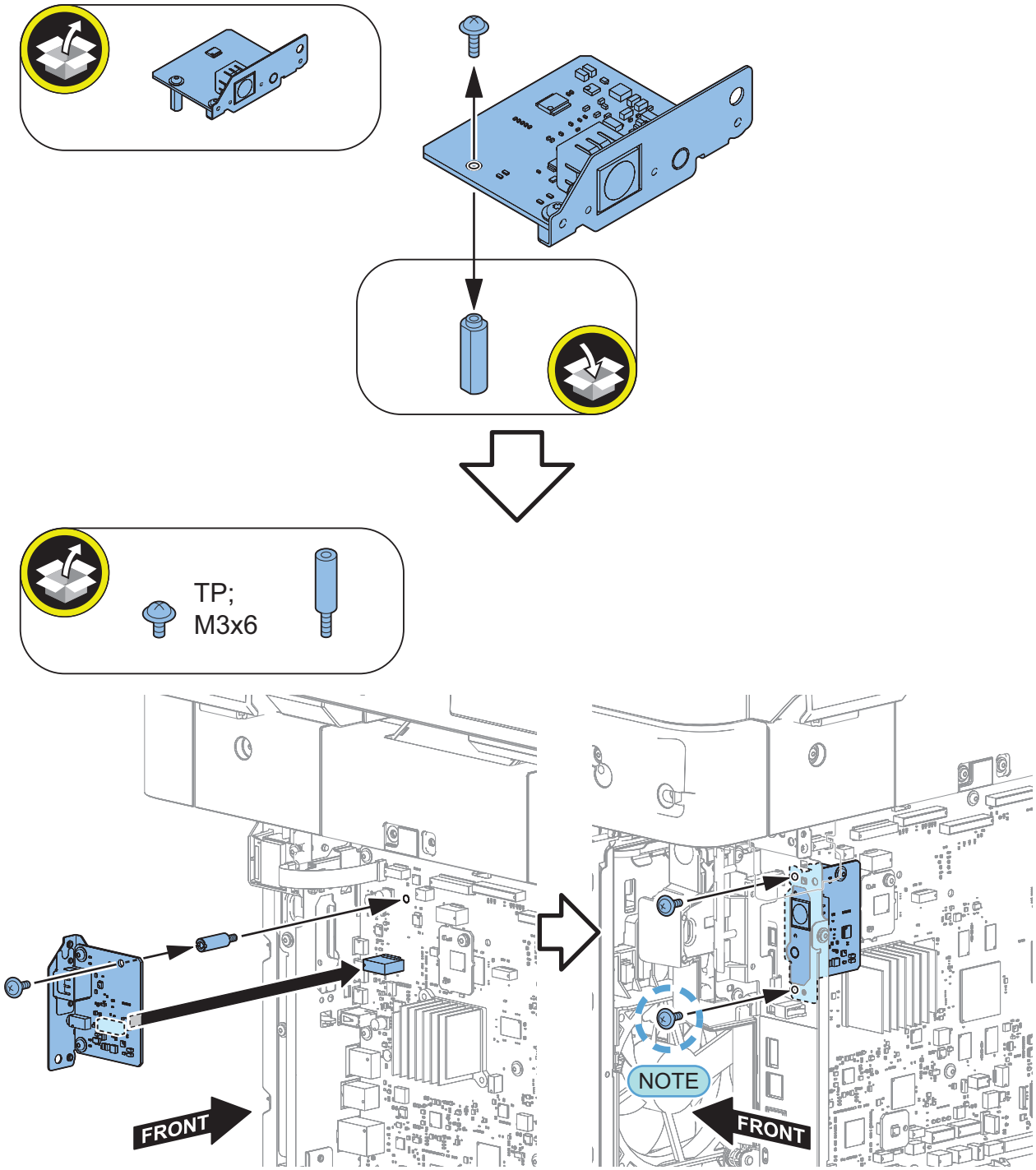


NOTE:
The removed screws will be used at later step.

■ Installing the Voice Guidance Kit

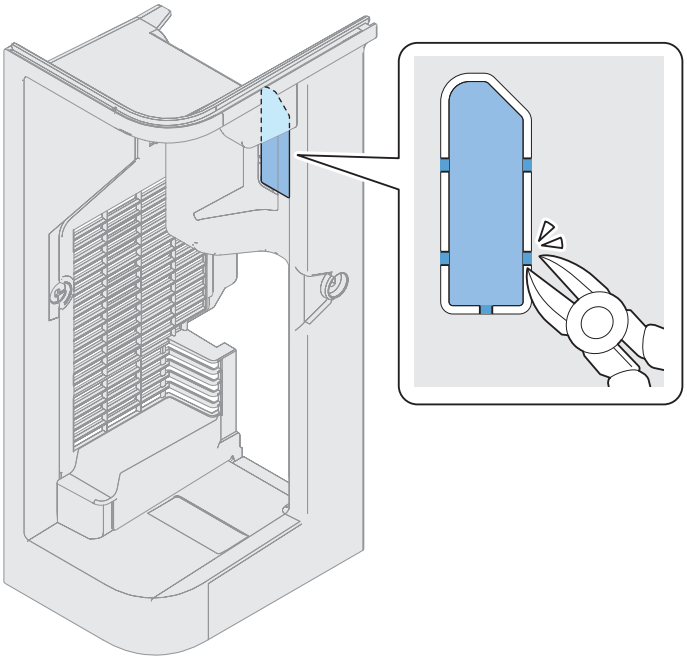
□

1.



□

2.

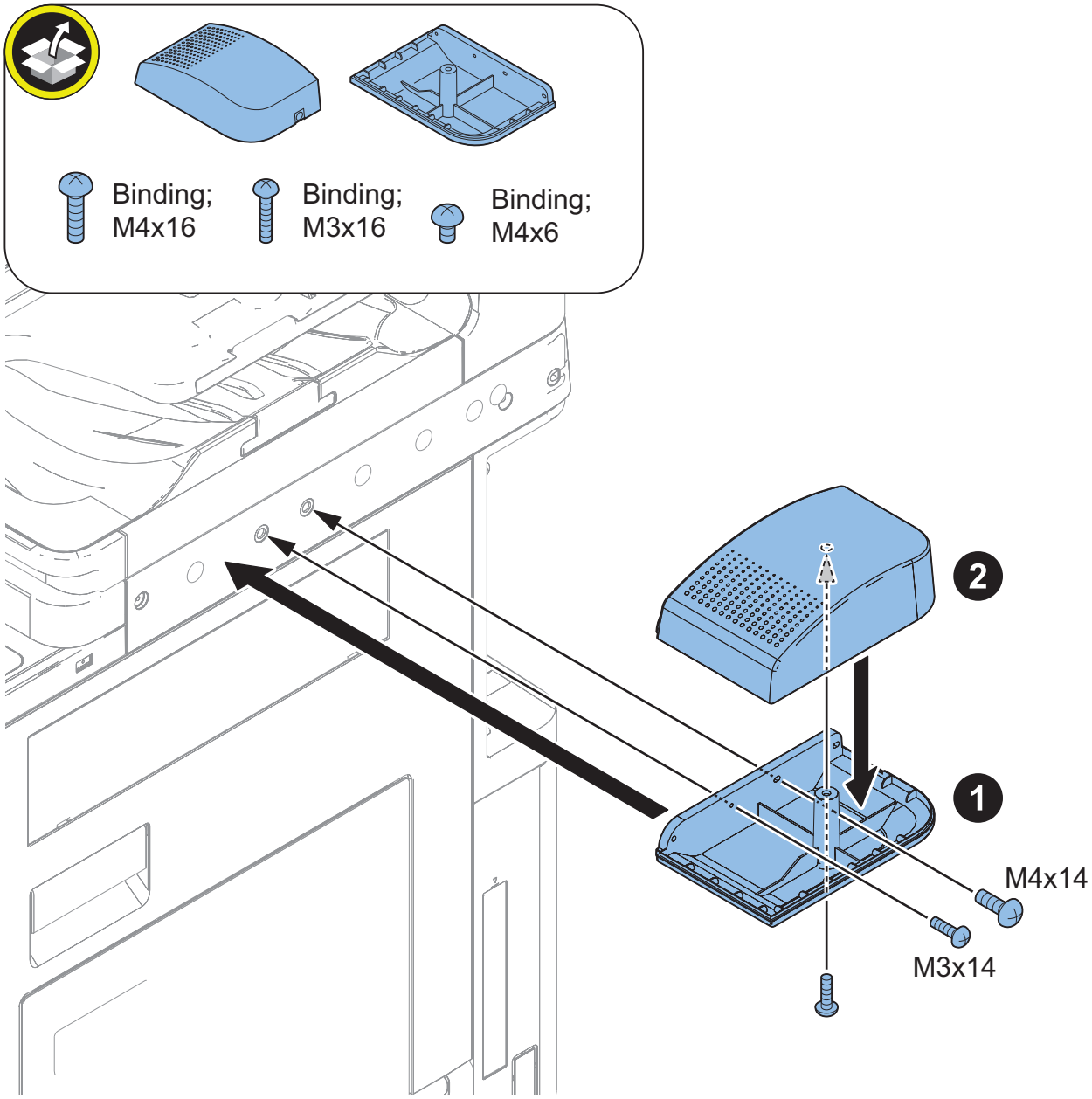


□

3. **Installing the covers removed in the previous step.**

□

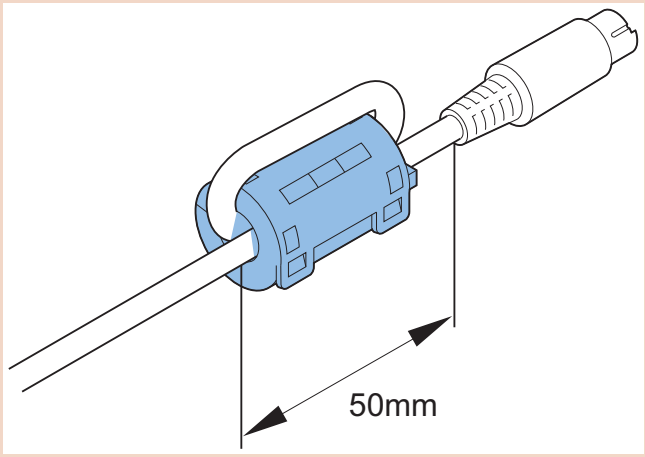
4.

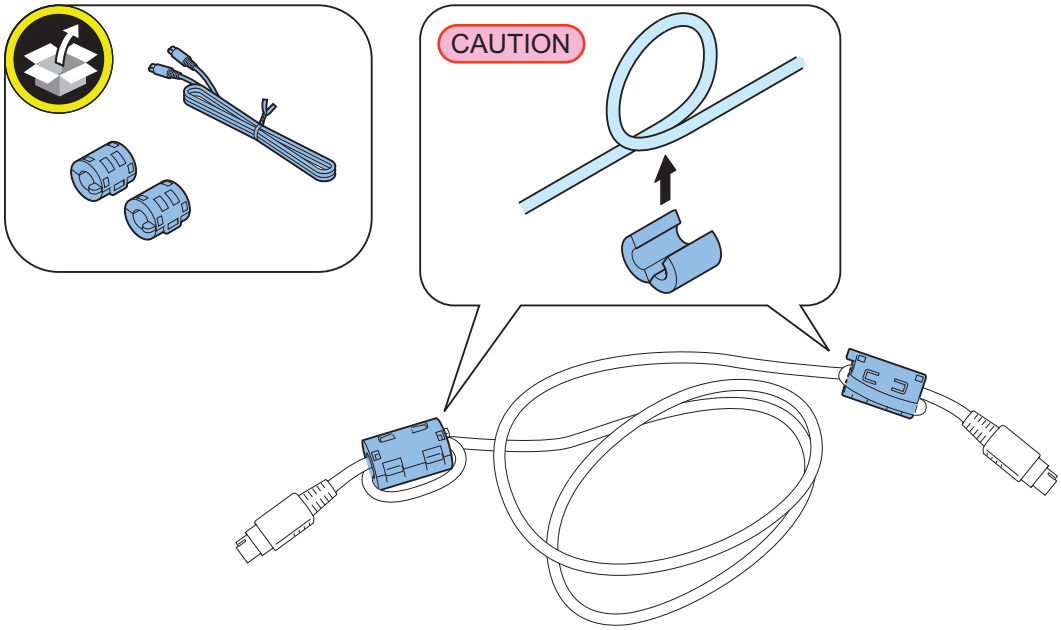


□

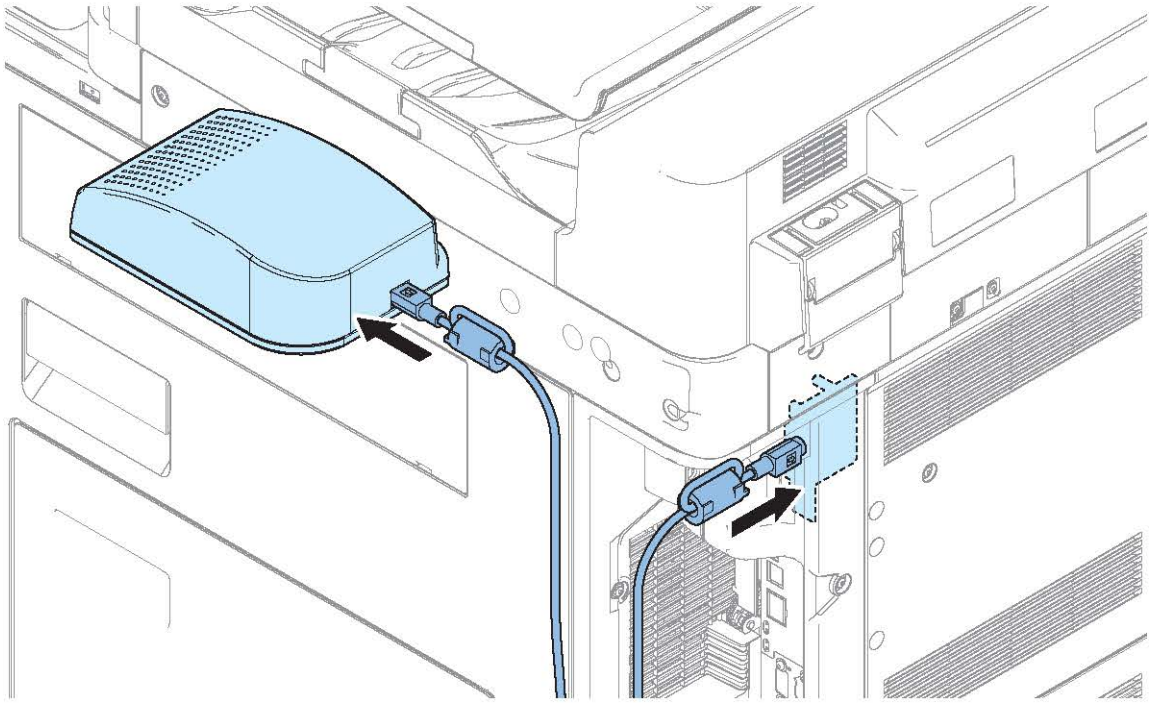
5.

CAUTION:
Be sure to attach the Ring Cores within 50 mm from the end of the Speaker Cable.

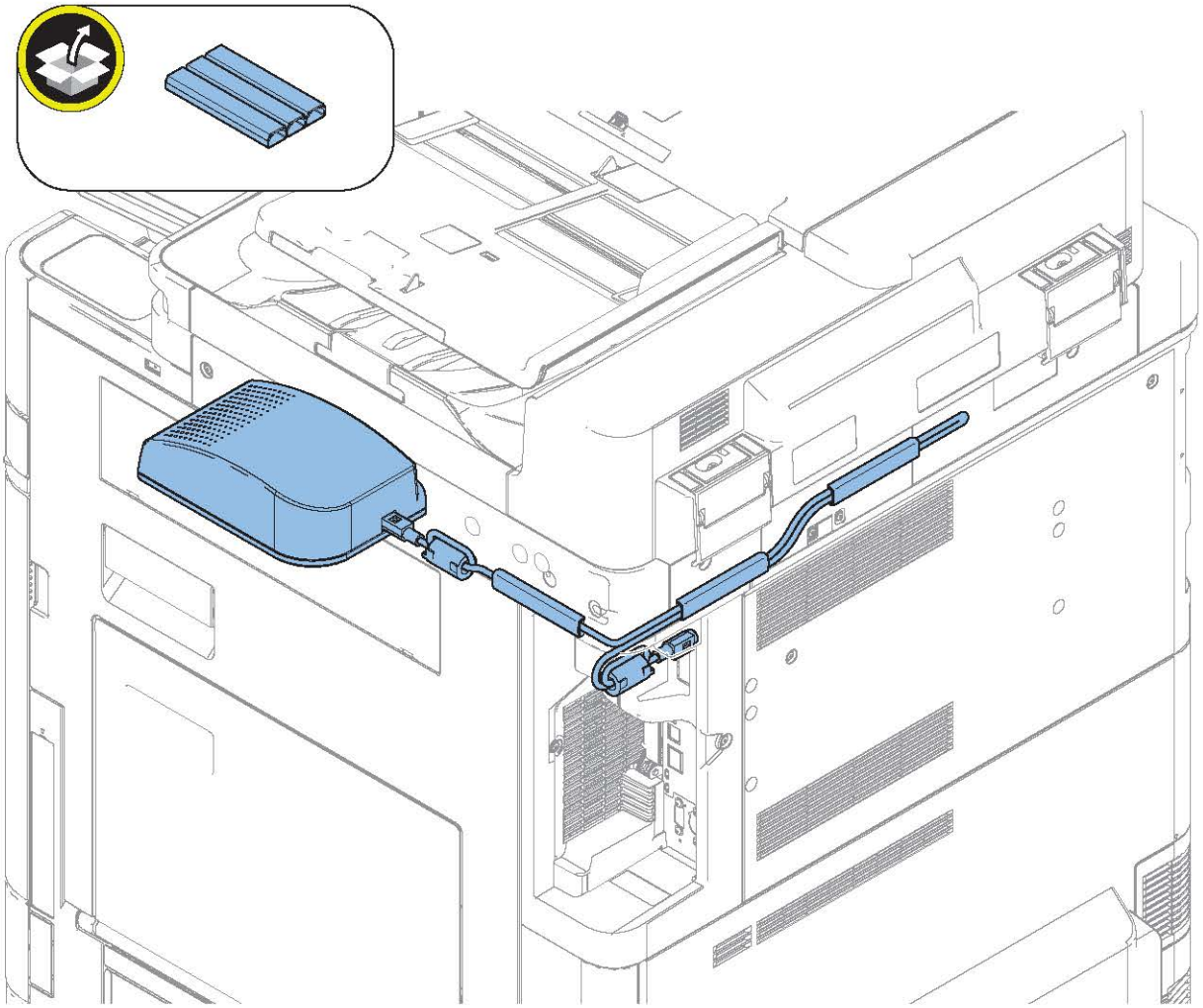




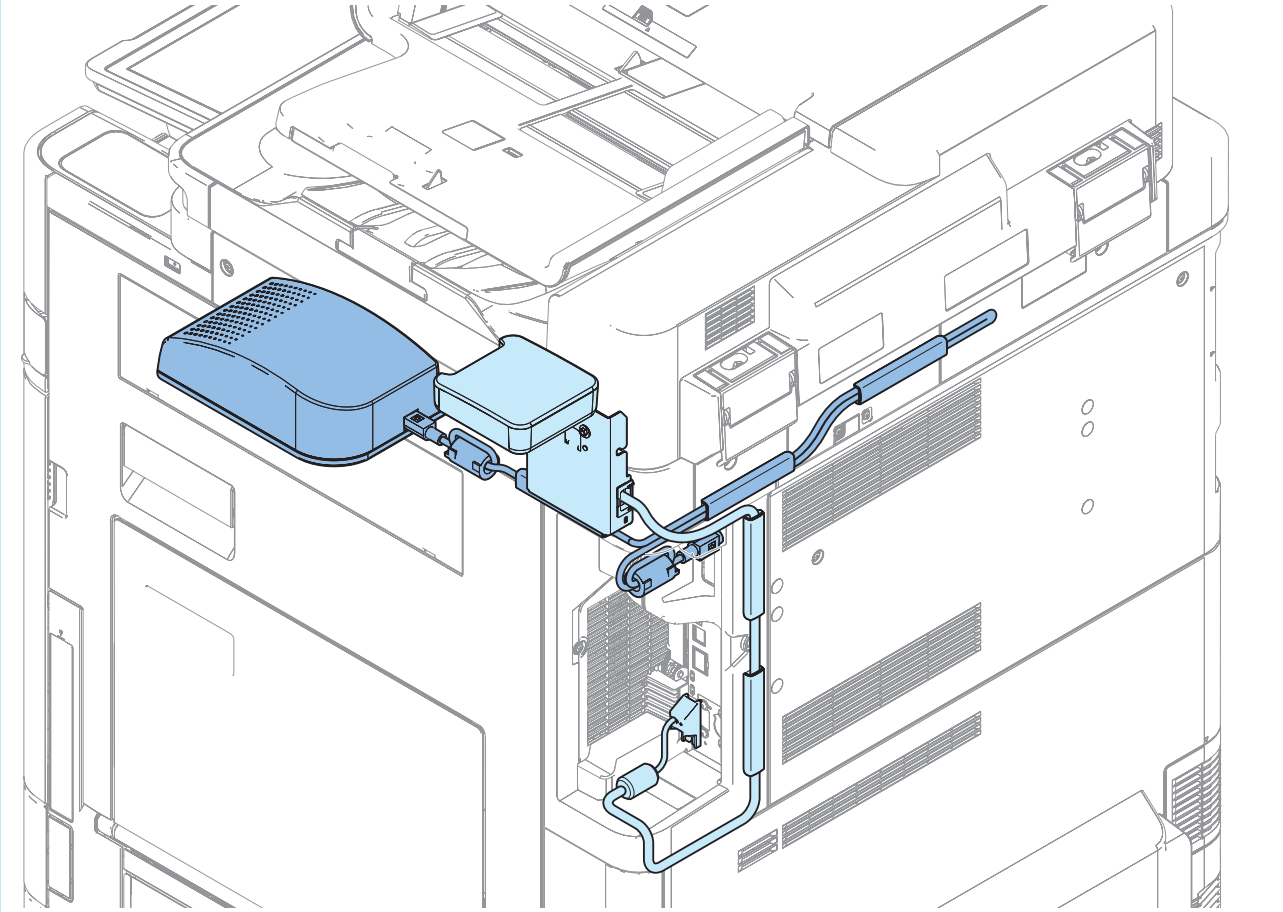
□
6.



□
7.



NOTE:
When using in combination with the Copy Card Reader



■ Checking the Settings

NOTE:
When changing the settings upon user's request, it is required to log in as a system manager in accordance with instructions from the user administrator.

□

1. **Connect the power plug of the host machine to the outlet.**
2. **Turn ON the main power switch.**
3. **Select Settings/Registration > Preferences > Accessibility > Voice Navigation Settings > Use Voice Navigation, and check that the setting is ON.**
4. **Select Settings/Registration > Preferences > Accessibility > Voice Navigation Settings > Voice Guide from Speakers, and check that the setting is ON.**

■ Operation Check

NOTE:
Perform the following check from the Voice Recognition button on the numeric keypad.

● When Using

□

1. **Press the Voice Guidance Start button.**

2. **Once the indication on the screen is framed in red, the "Voice Guidance Kit" becomes enabled.**

● When Stopping to Use

□

1. **Press the Voice Guidance Start button.**

Voice Operation Kit-D1/Option Attachment kit for Reader-A2

Points to Note at Installation

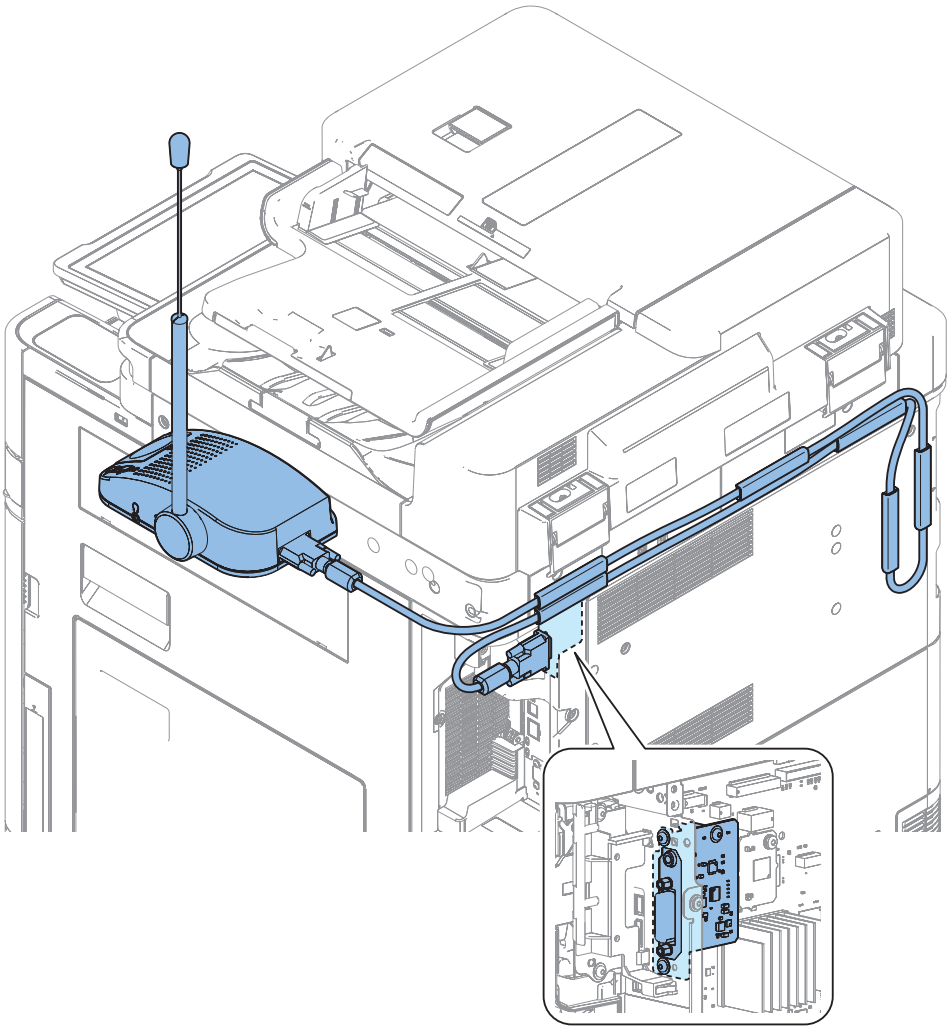
- The option "Option Attachment kit for Reader" is needed to install this equipment.
- This equipment requires the option, the "Numeric Keypad." To install the Numeric Keypad, refer to its Installation Procedure.
- Refer to "Table of Options Combination" when installing this equipment before operation.

Table of Options Combination

	Utility Tray	Voice Guidance Kit	Serial Interface Kit	Copy Control Interface Kit	Copy Card Reader
Voice Operation Kit	No	No	Yes	Yes	Yes

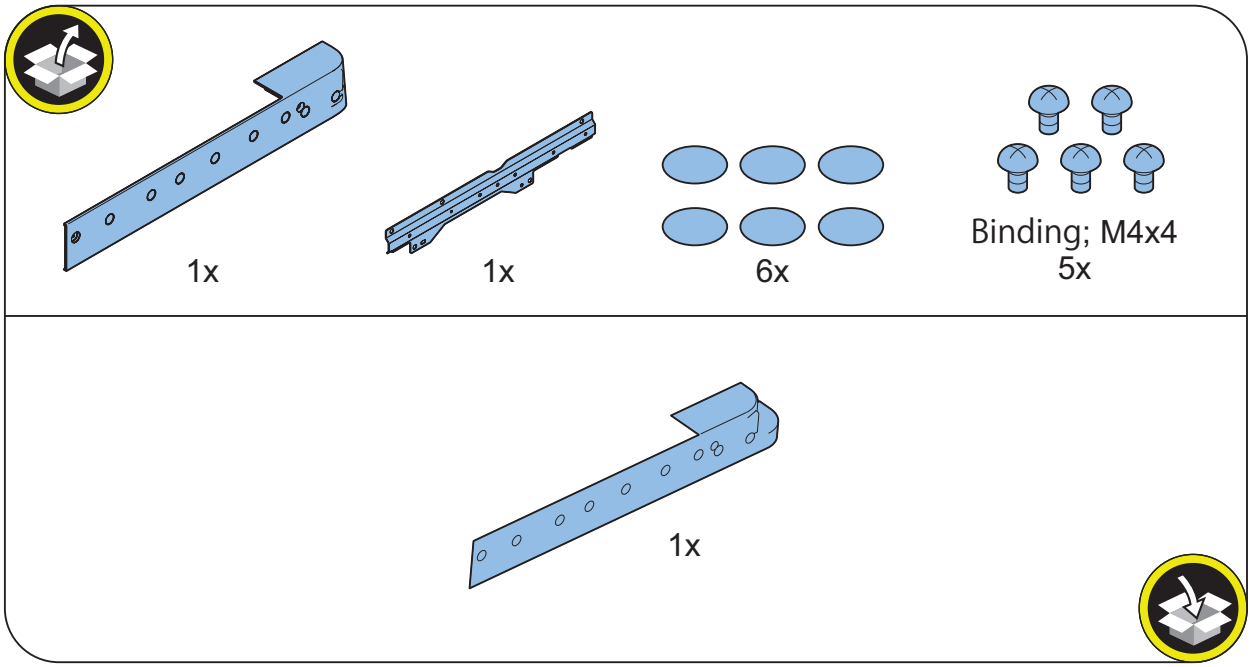
Yes:Available
No:Unavailable

Installation Outline Drawing

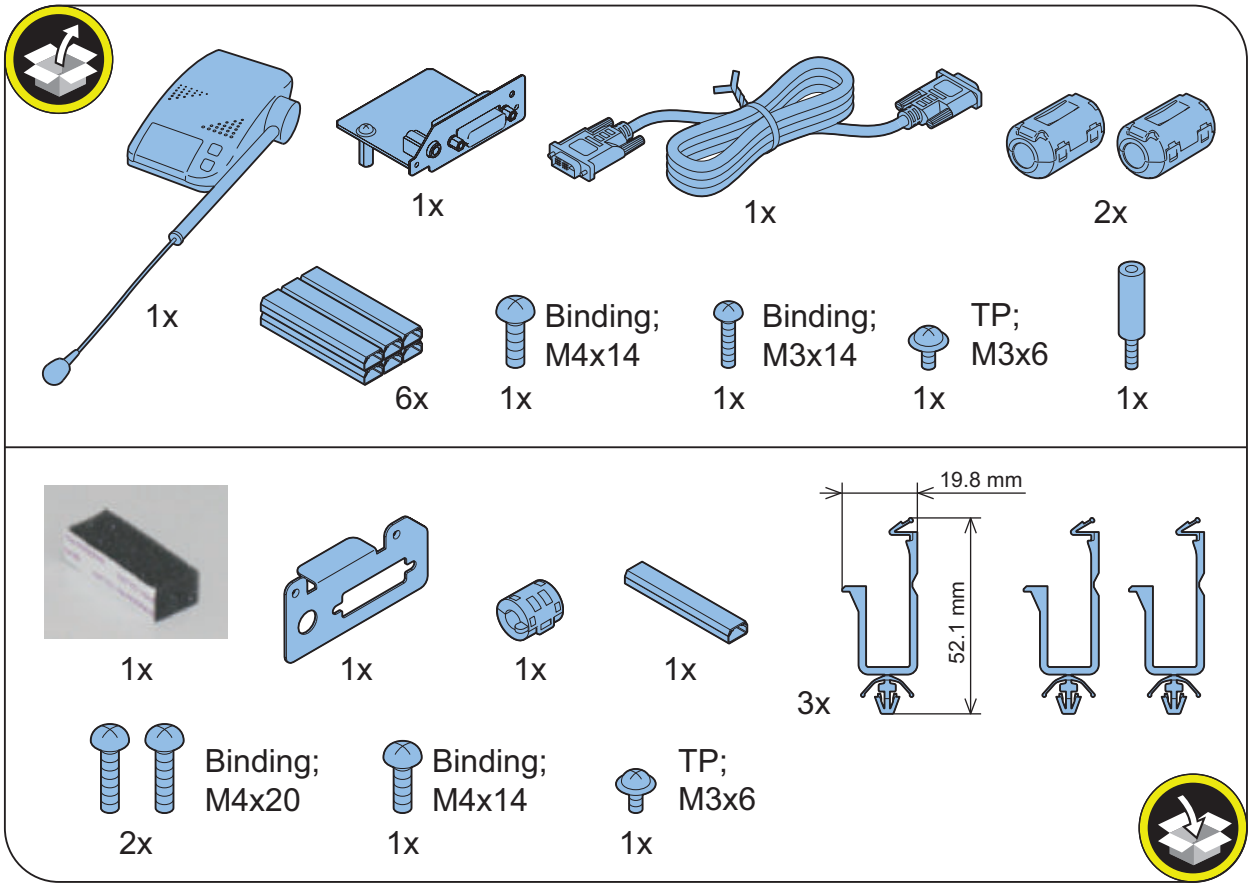


Checking the Contents

■ Option Attachment kit for Reader-A2



■ Voice Operation Kit-D1

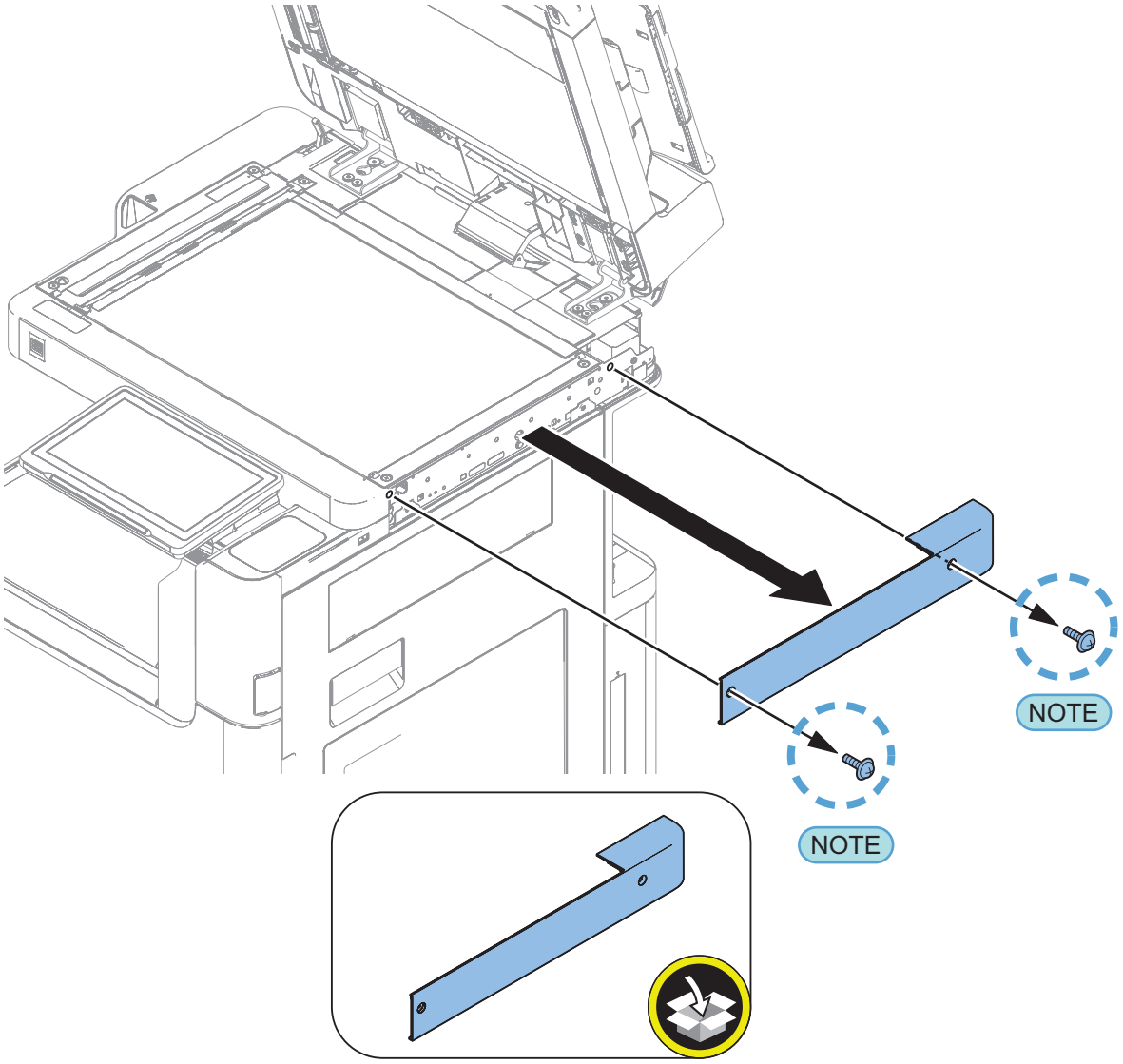


Installation Procedure

■ Removing the Covers

□

1.



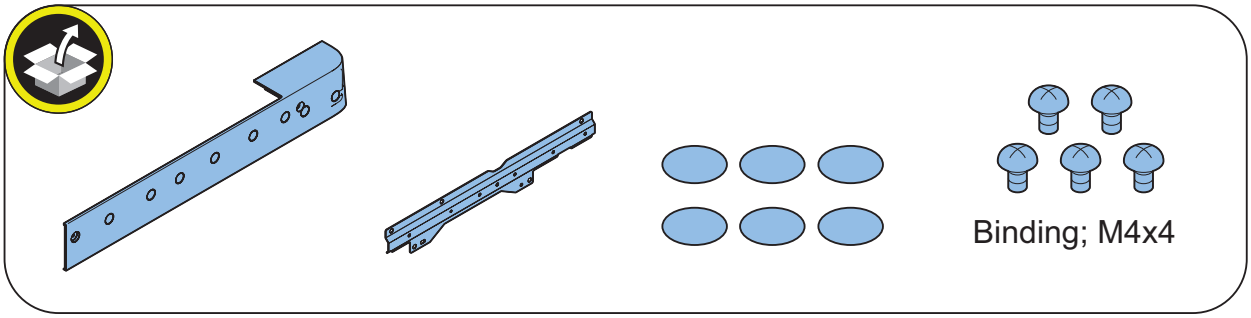
NOTE:
The removed screws will be used at later step.

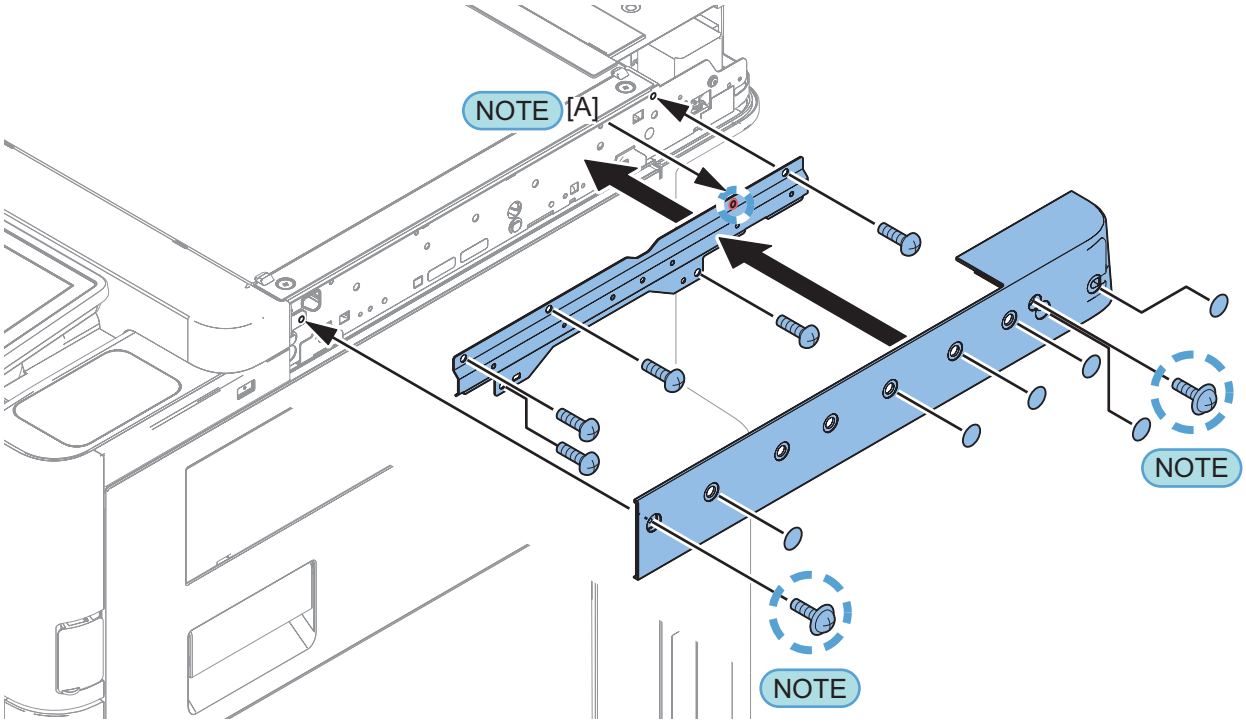
■ Option Attachment kit for Reader-A2

□

1.

NOTE:
- Installing the covers removed in the previous step.
- Screw holes [A] may or may not be present.
- Do not use this screw hole [A].

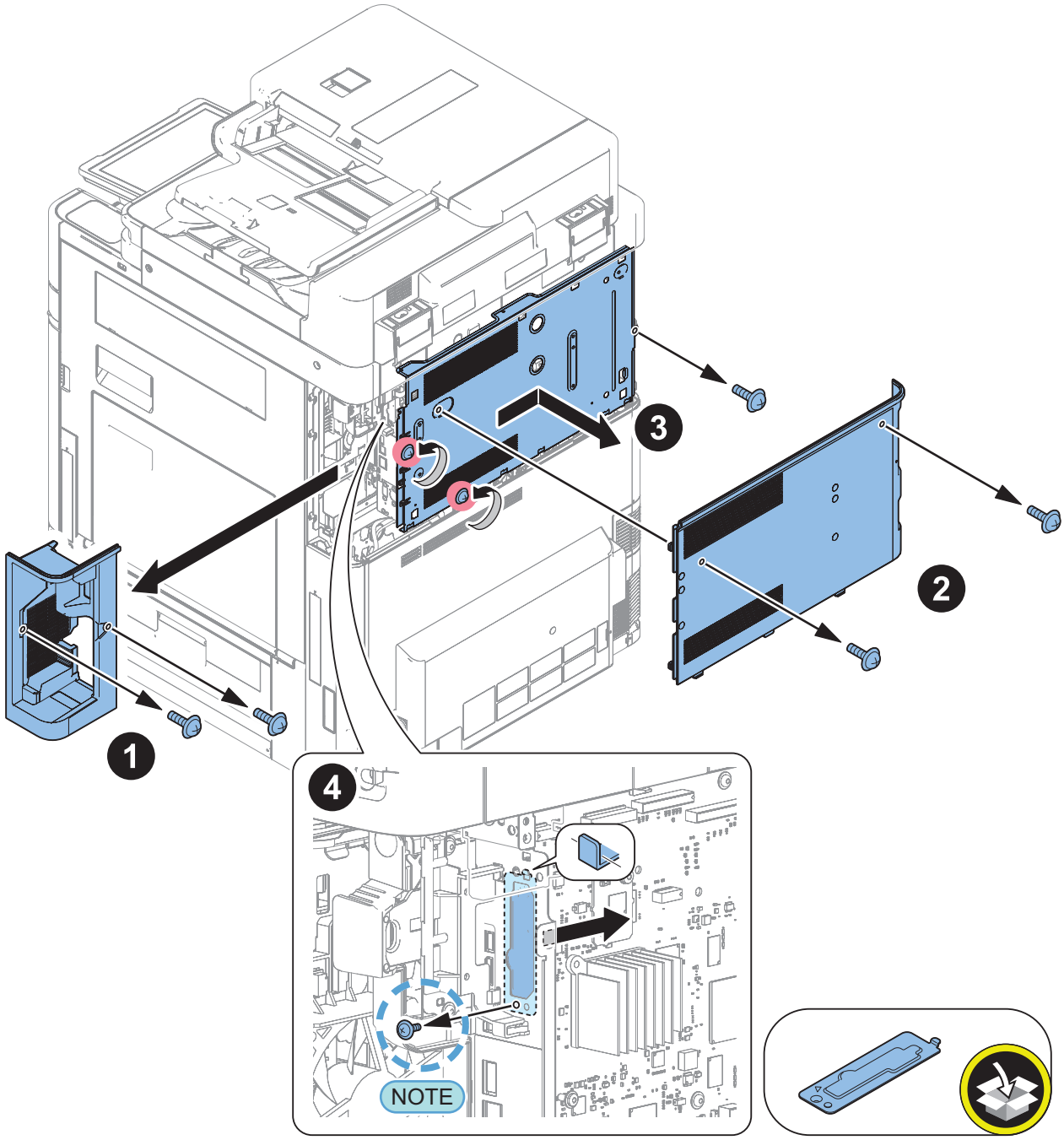




■ Removing the Covers

□

1.



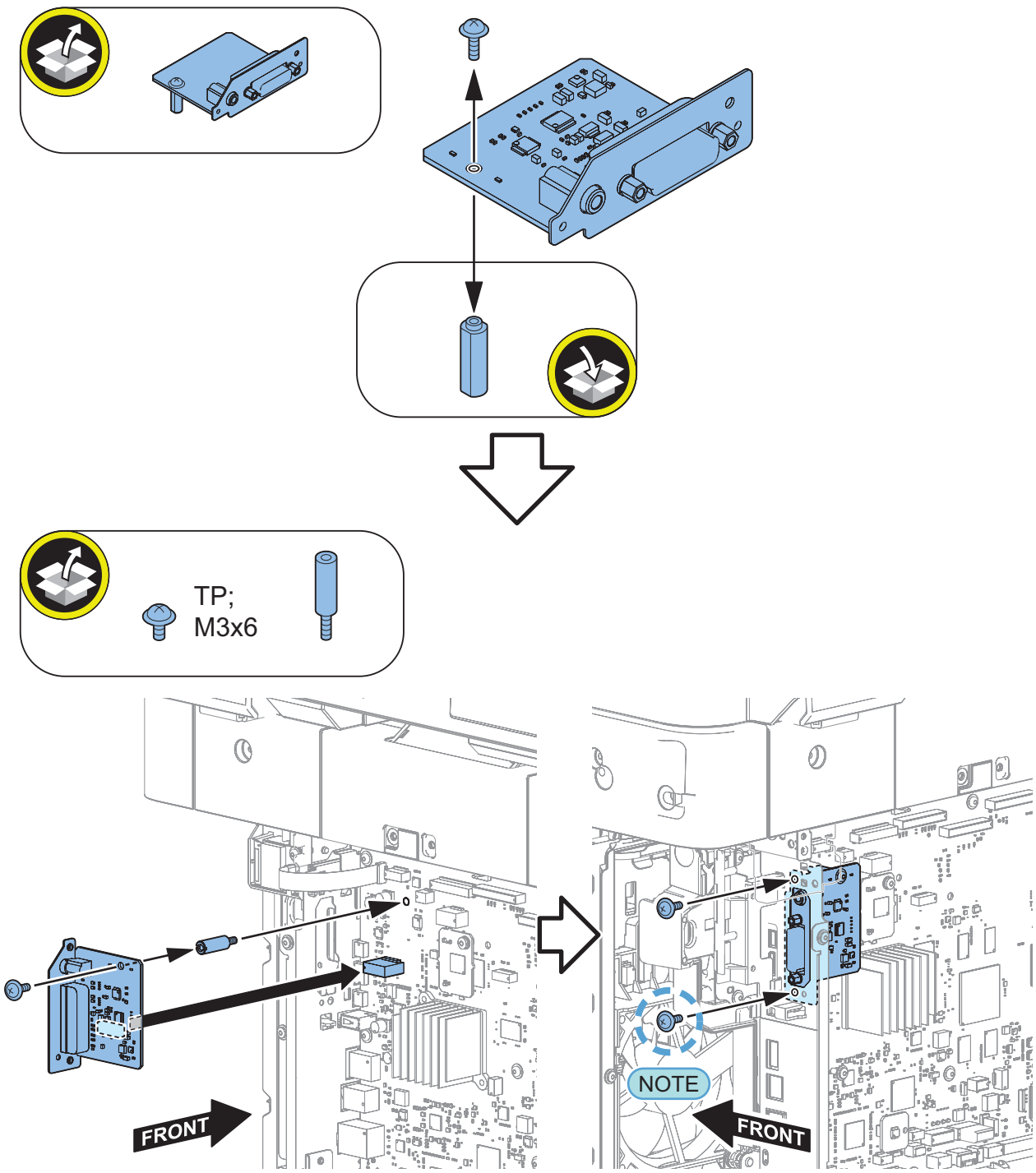
NOTE:
The removed screws will be used at later step.

■ Installing the Voice Operation Kit-D1

□

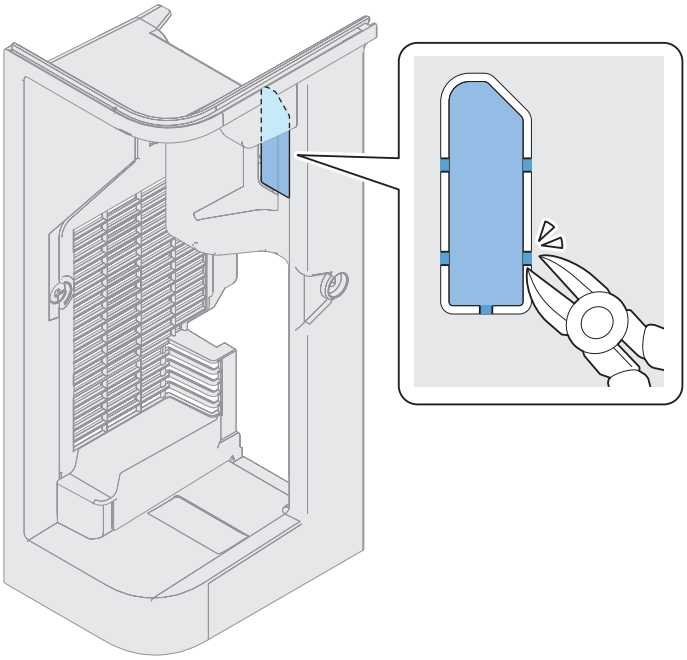
1.

NOTE:
Installing the screws removed in the previous step.



□

2.

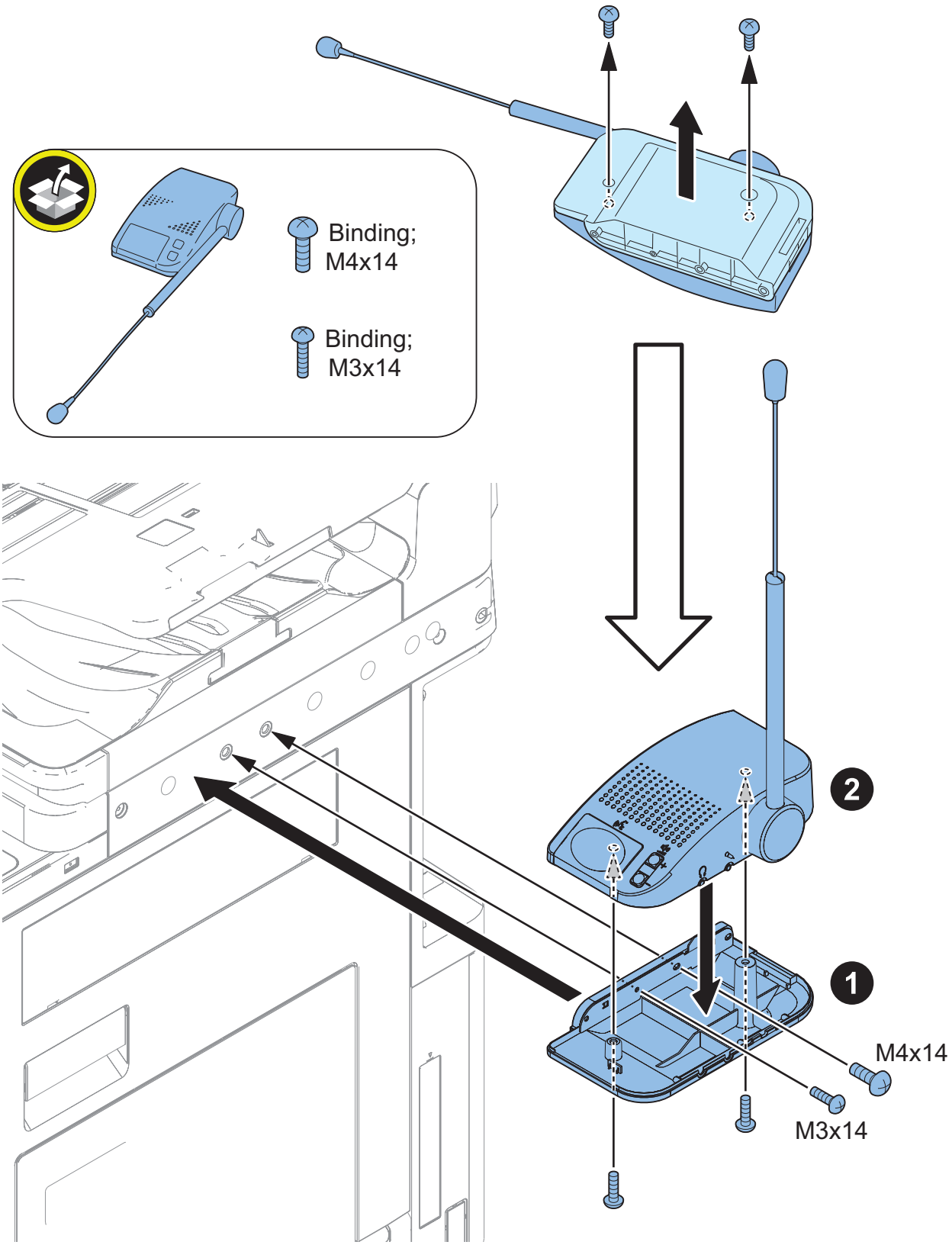


□

3. **Installing the covers removed in the previous step.**

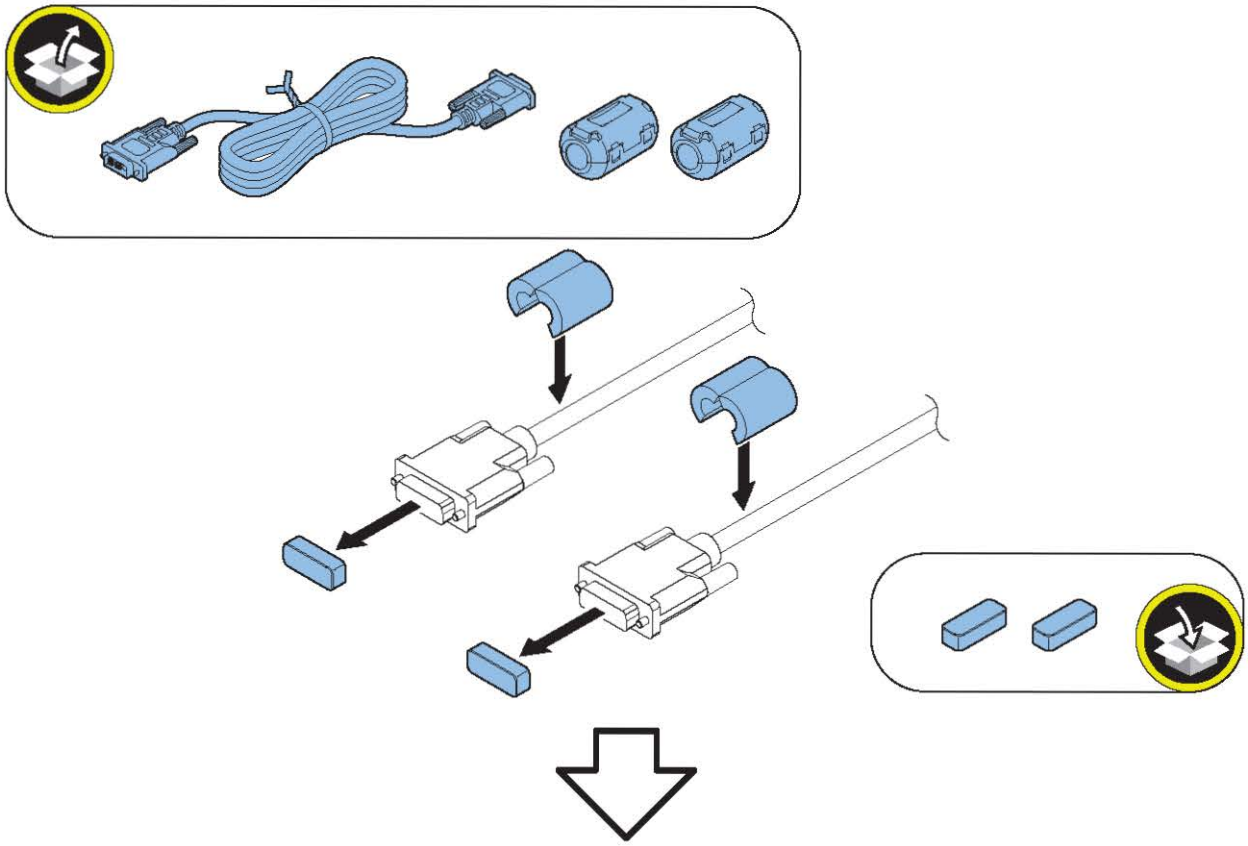
□

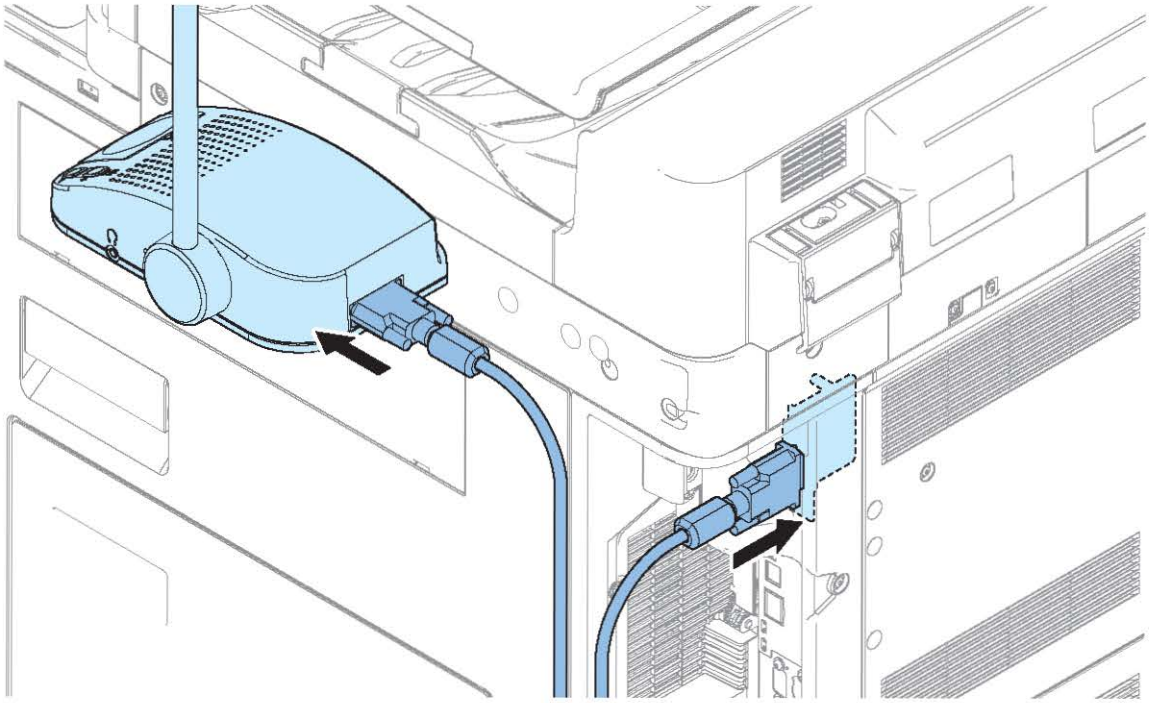
4.



□

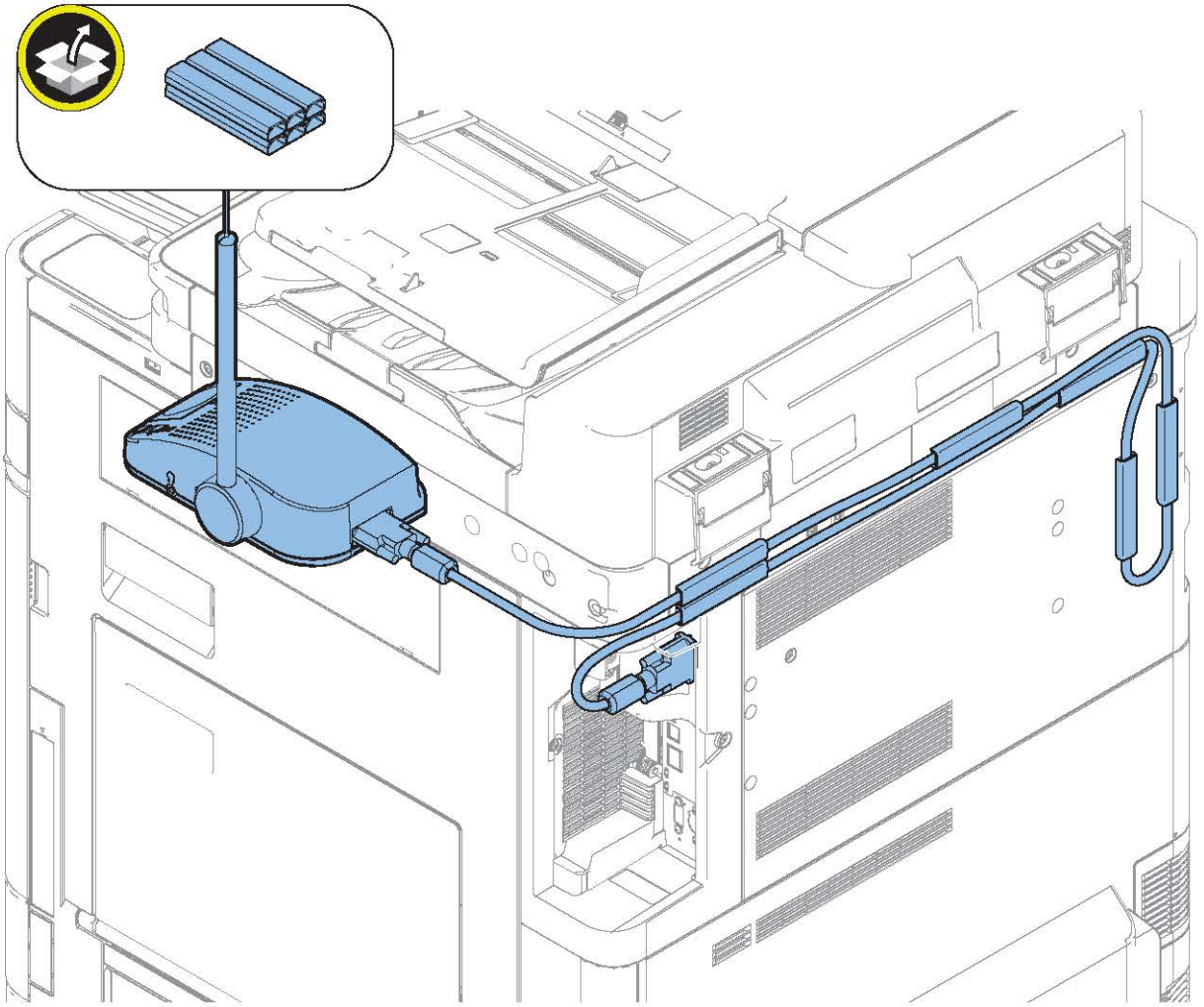
5.



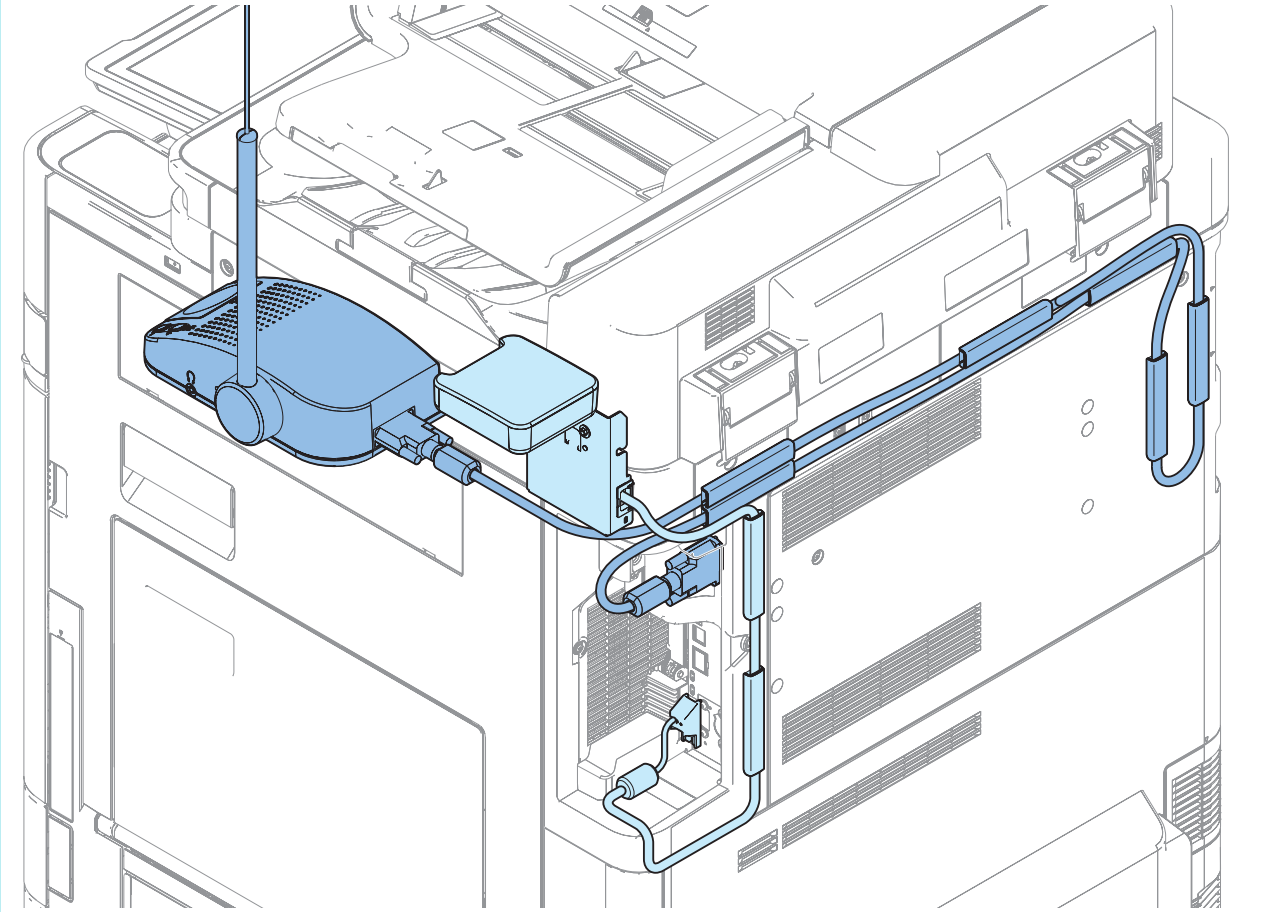


□

6.



NOTE:
When using in combination with the Copy Card Reader



Checking after Installation

NOTE:
When changing the settings upon user's request, it is required to log in as a system manager in accordance with instructions from the user administrator.

☐

1. **Connect the power plug of the host machine to the outlet.**
2. **Turn ON the main power switch.**
3. **Select Settings/Registration > Preferences > Accessibility > Voice Navigation Settings > Use Voice Navigation, and check that the setting is ON.**
4. **Select Settings/Registration > Preferences > Accessibility > Voice Navigation Settings > Voice Navigation at Startup, and check that "Select Mode at Startup" is set.**
5. **Select Settings/Registration > Preferences > Accessibility > Voice Navigation Settings, and check that "Tune Microphone" is displayed.**

Operation Check

■ When Starting to Use

☐

1. **Press the Guidance Start button or Voice Recognition button for 3 seconds or longer.**

2. **In "Select the Voice Navigation type." on the Control Panel screen, select "Manual + Vocal Mode", "Vocal Mode" or "Manual Mode", and press OK.**
3. **Once the indication on the screen is framed in red, the "Voice Operation Kit" becomes enabled.**

NOTE:
When "Manual Mode" is selected in "Select the Voice Navigation type.", nothing happens by pressing the Voice Recognition button.

■ When Stopping to Use

□

1. **Press the Guidance Start button or Voice Recognition button for 3 seconds or longer.**

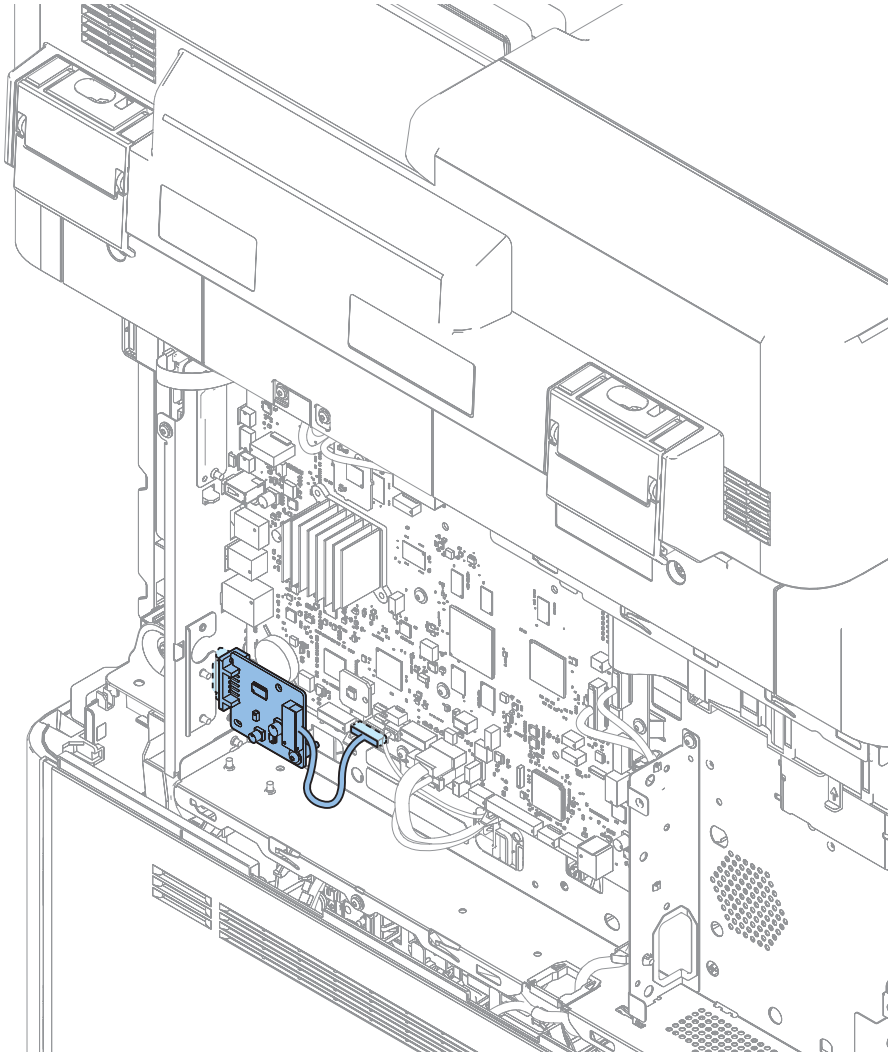
Serial Interface Kit-K3, Copy Control Interface Kit-A1

Points to Note at Installation

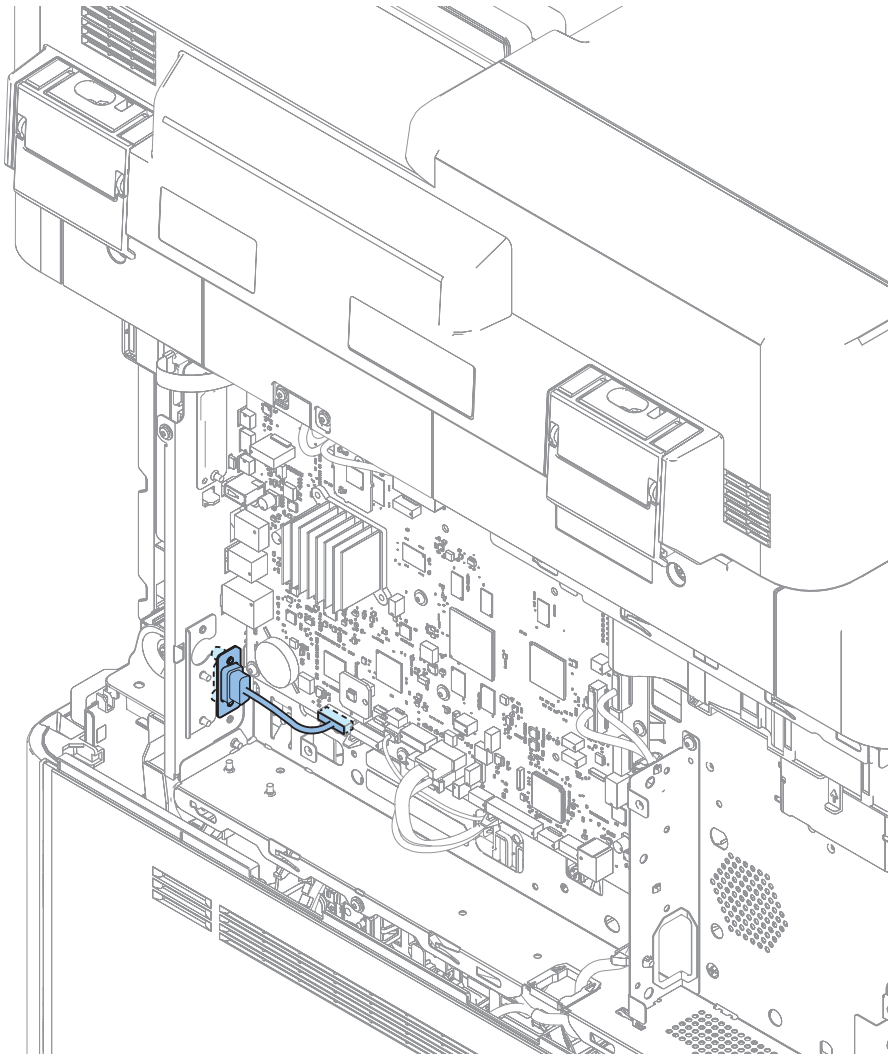
Refer to "Table of Options Combination" when installing this equipment before operation.

Installation Outline Drawing

Serial Interface Kit

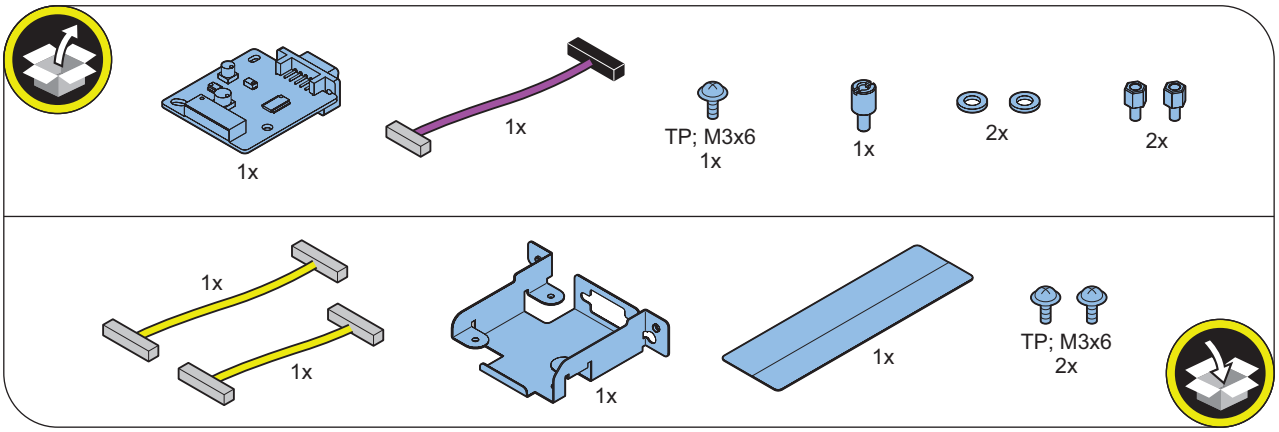


Copy Control Interface Kit

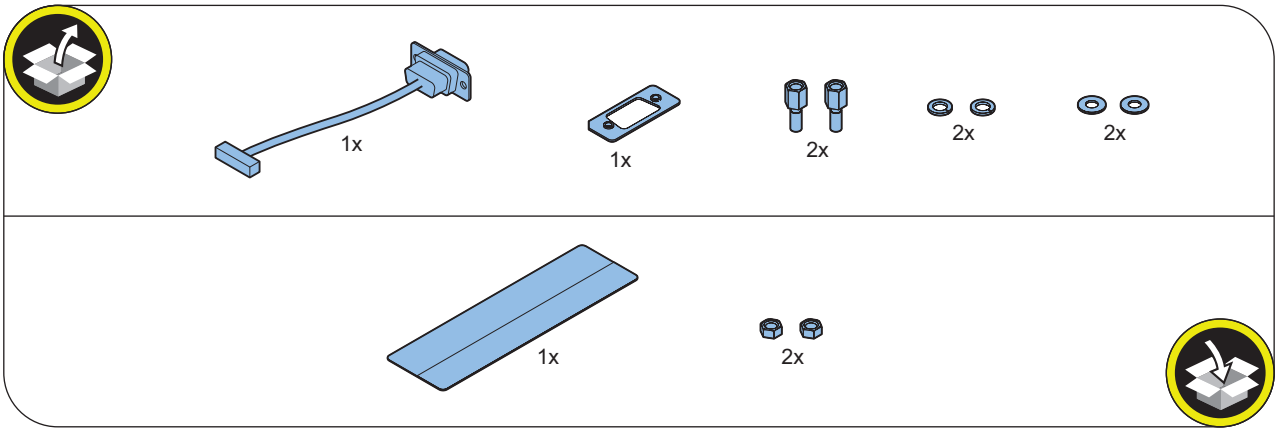


Checking the Contents

■ Serial Interface Kit



■ Copy Control Interface Kit

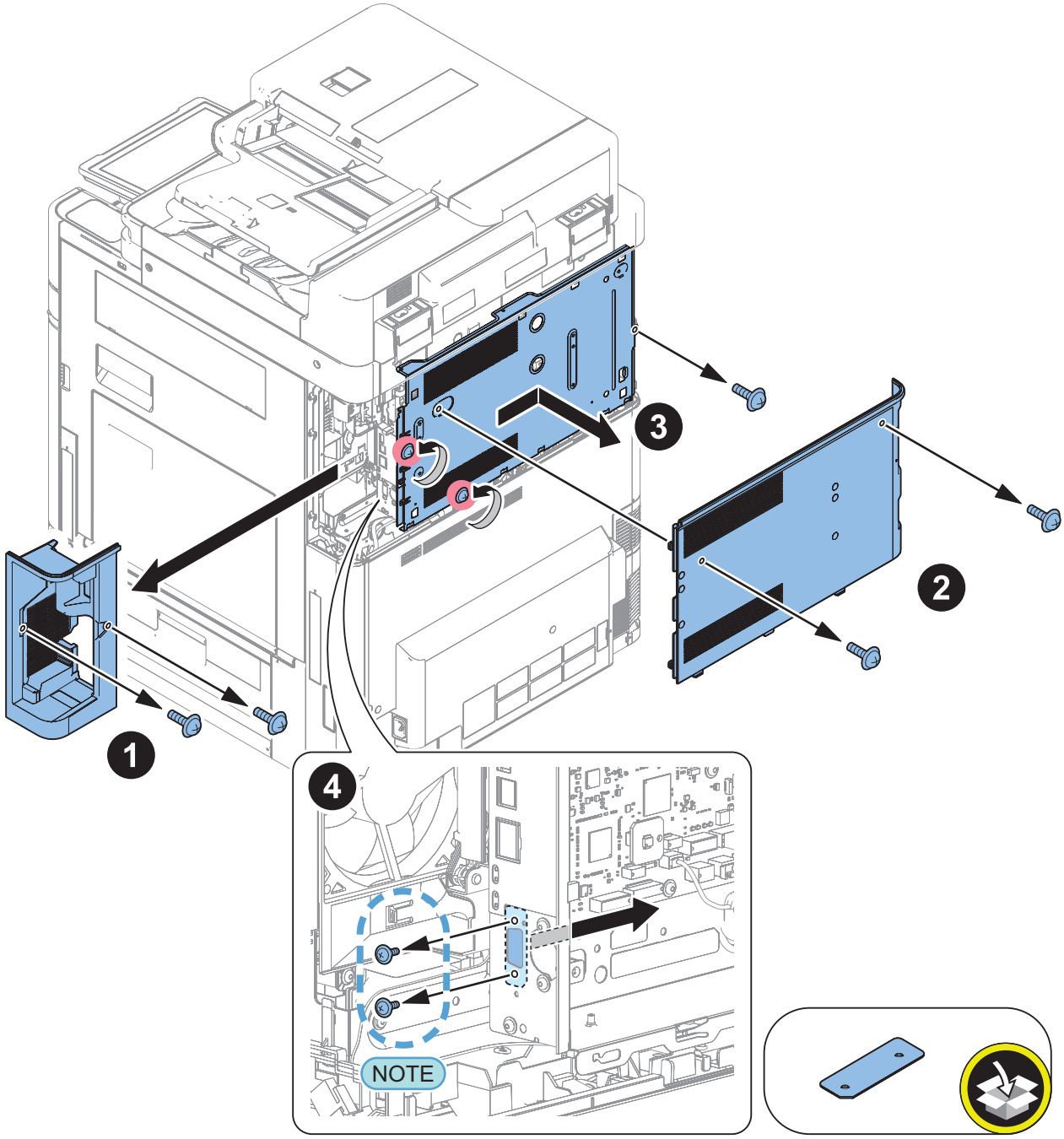


Installation Procedure

■ Removing the Covers

□

1.

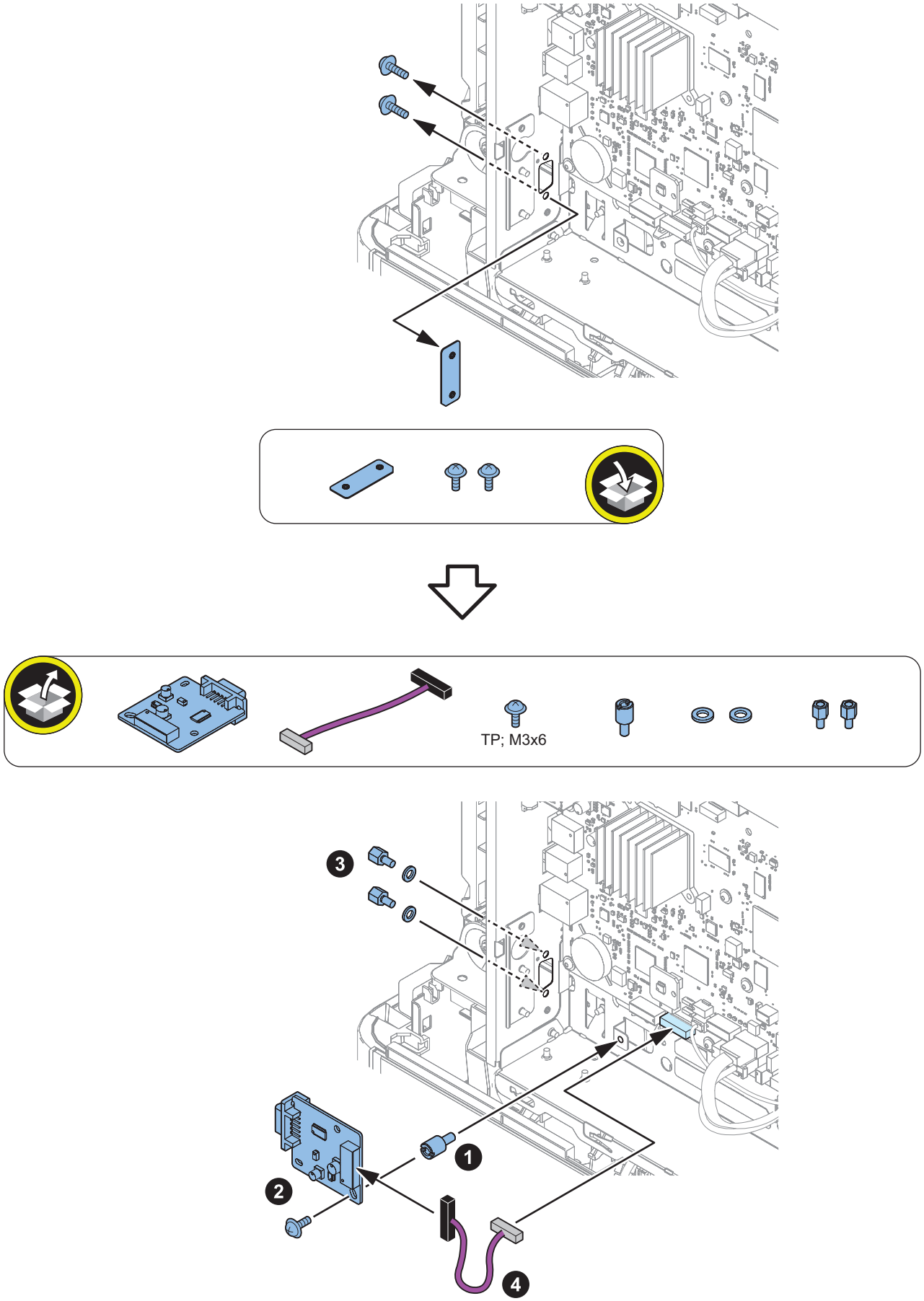


NOTE:
The removed screws will be used at later step.

■ Installing the Serial Interface Kit

□

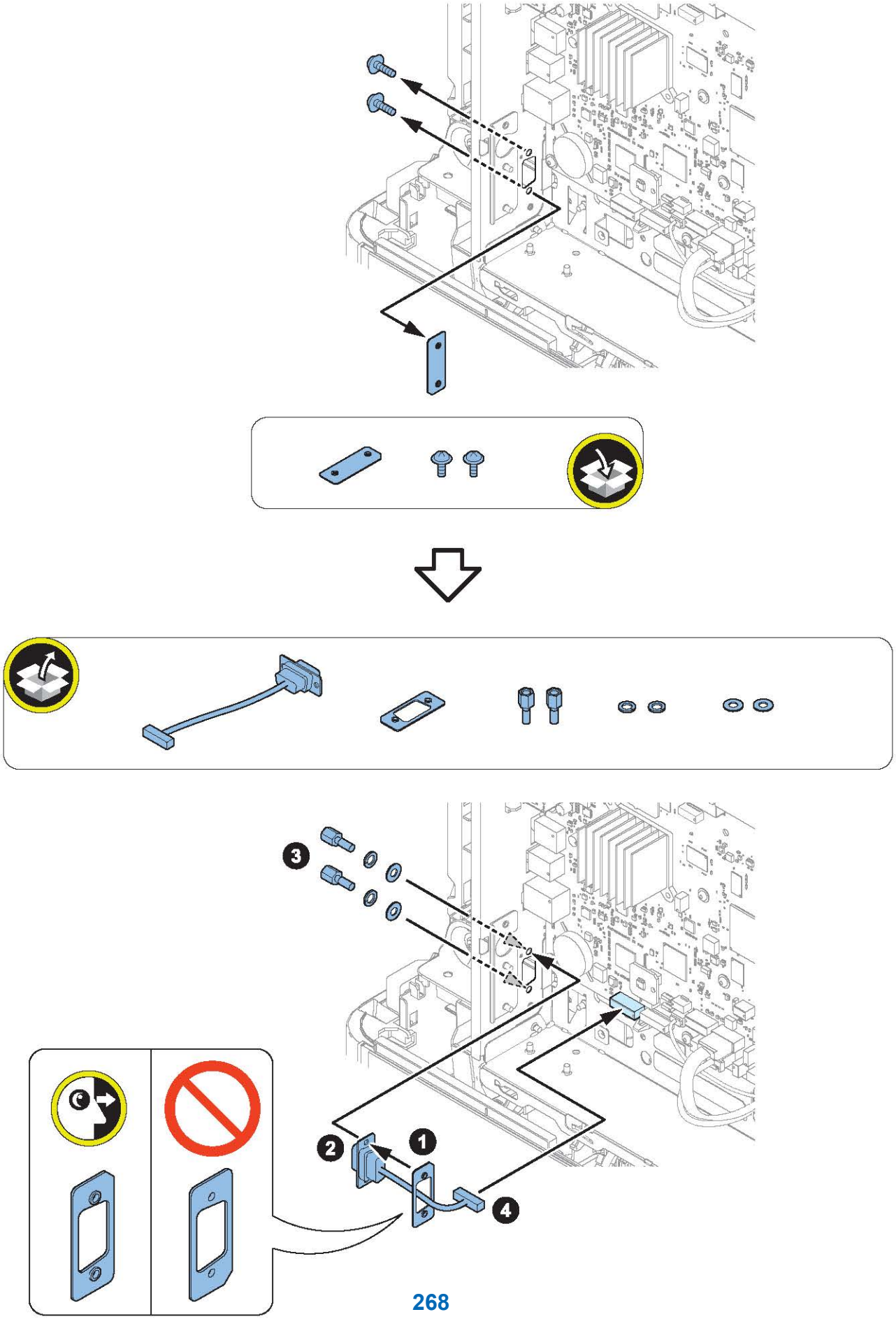
1.



■ Installing the Copy Control interface Kit

□

1.



■ Subsequent Work

☐

1. **Installing the covers removed in the previous step.**

☐

2. **Connect the power plug of the host machine to the power outlet.**
3. **Turn the main power switch ON.**

SSD-related Option

Pre-checks

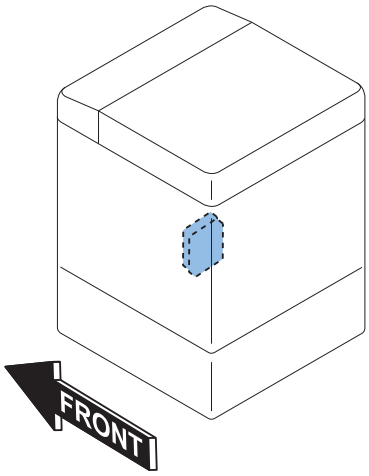
■ Points to Note at Installation

CAUTION:
- When using the mirroring function, be sure to install 2 SSDs of the same capacity.
- If the SSD is replaced with a high-capacity SSD,the SSD needs to be initialized.
- If an SSD containing user information is replaced with a high-capacity SSD (not initial installation),the SSD data needs to be backed up/exported. For details, refer to "Backup Data List" in the Service Manual.

When installing the SSD-related options (the following 3 products), be sure to refer to the pages described in the following table:
- 250GB SSD-A1
- 1TB SSD-A1
- Memory Mirroring Kit-A1

Title	Combination of products
TYPE-1	“Removing the SSD (Preparation)” on page 270 + “[TYPE-1] Option SSD (1TB)” on page 272
TYPE-2	“[TYPE-2] Standard SSD + Option SSD (250GB) + SSD Mirroring Kit” on page 274
TYPE-3	“Removing the SSD (Preparation)” on page 270 + “[TYPE-3] 2 Option SSDs (1TB) + SSD Mirroring Kit” on page 281

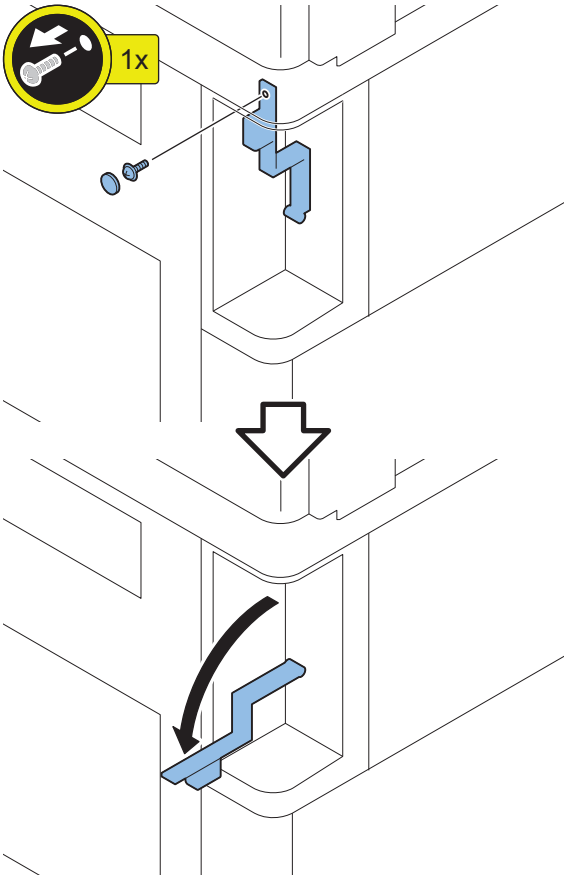
■ Installation Outline Drawing



Removing the SSD (Preparation)

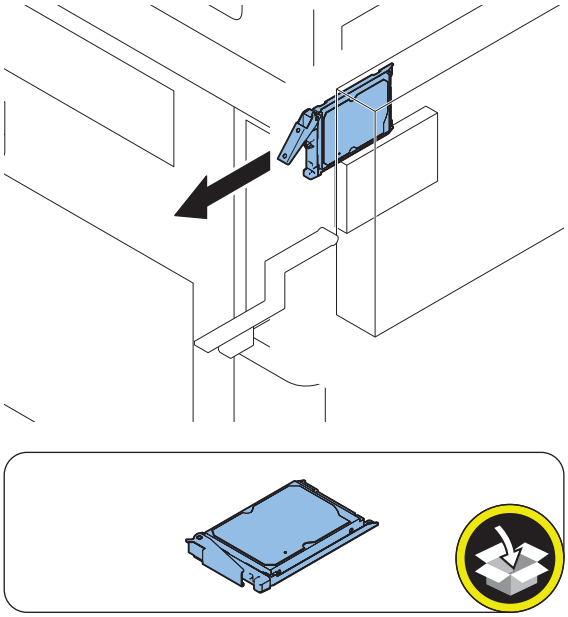
NOTE:
Be sure to proceed to TYPE 1,3 installation procedure after performing this procedure.
Removed screws will be reused in the installation procedure of TYPE 1,3.

☐
1.



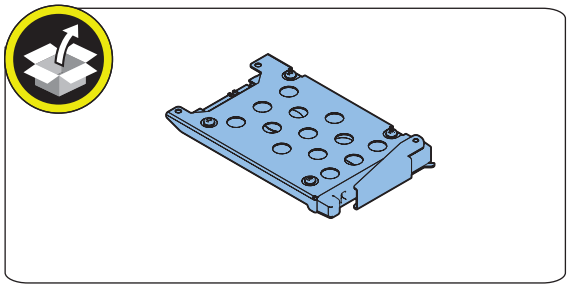
☐
2.

NOTE:
When replacing the SSD with an Option SSD (1TB), the removed SSD will not be used.



[TYPE-1] Option SSD (1TB)

■ Checking the Contents



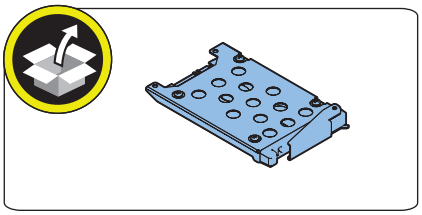
■ Installation Procedure

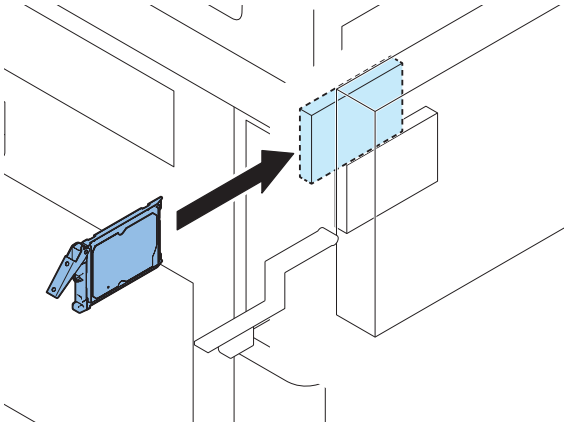
NOTE:
“Removing the SSD (Preparation)” on page 270 Perform the following operations after removing the SSD (Preparation).

□

1.

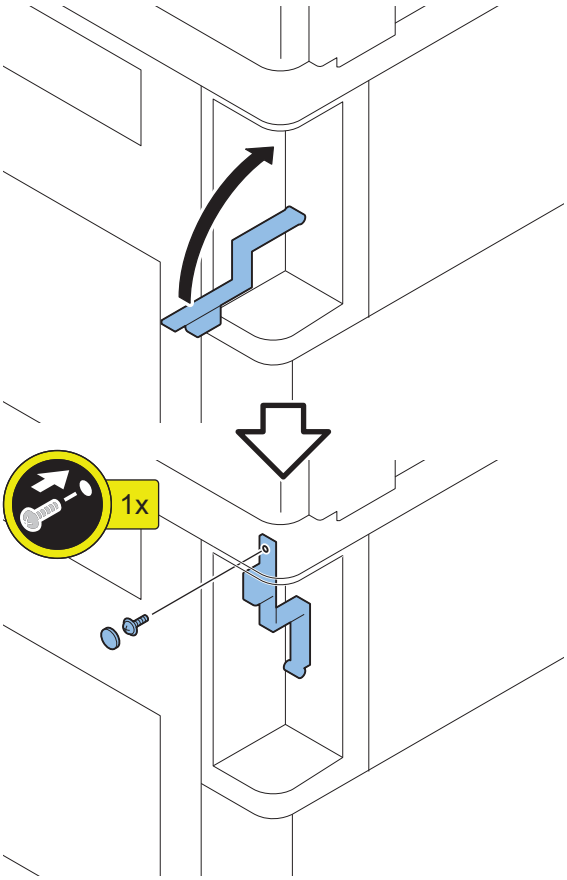
CAUTION:
Since there is a possibility of a connector contact failure, press the SSD firmly to install.





□
2.

NOTE:
Using the screws removed in the previous step.



■ SSD Initialization Procedure

1. **Requirements**
    1. PC
       Service Support Tool in the version that supports this host machine must be installed.rror during the rebuild process that is executed during operation is not included in the consideration.
    2. Cross Ethernet Cable (when SST is used)
2. **Preparing for the Installation of the System Software of Host machine**
    1. If both PC and the machine are on, turn them off.
    2. Connect the PC and the host machine using an Cross Ethernet cable. (when SST is used)
    3. Turn on the PC.
3. **Registering the system software**
    1. Insert the latest System Software into the PC using the SST.
    2. Start the SST.
    3. Click 'Register Firmware'.
    4. Select the drive where the system software has been inserted, and click the [SEARCH] button.
    5. Click the [REGISTER] button.
    6. Click [OK].

4. **Initializing SSD**

<In case of SST>

1. Start the host machine with download mode in safe mode.
2. Start the SST.
3. Select the model. Then, select [Single] and click [Start].
4. Click [Format HDD].
5. Select [All], and click [Start].
6. Click [Execute Format].
7. The Format is executed.
8. Select [Shutdown/Restart], and click [Shutdown].
9. Click [OK]
10. The power of the host machine is turned OFF.
11. Terminate the SST.
12. Disconnect the Cross Ethernet Cable from the machine, and connect the user's network cable to the machine.

<In case of USB flash drive>

1. Connect the USB flash drive to the PC.
2. Start up SST, and click the USB icon displayed in the target selection screen.
3. Select the drive, the model series, and the version to be written to the USB flash drive, and click [Confirm].
4. Click [Start], and after the version has been written to the USB flash drive, click [OK] and then remove the USB flash drive.
5. Terminate the SST.
6. Connect the USB flash drive to the host machine, and start the host machine with download mode in safe mode.
7. When the USB menu is displayed, press keys on the Control Panel in the order shown below.
   - [4]: Clear/Format
   - [1]: Disk Format
   - [0]: OK
   - Press any keys.
   - [C]: Return to menu
   - [Reset] : Start shutdown sequence
   - [0]: OK (The power of the host machine is turned OFF automatically.)
8. Remove the USB flash drive.
9. Turn ON the main power switch.

■ Executing Auto Gradation Adjustment

When the high-capacity SSD is installed, the machine initializes its SSD, resetting the data used for auto gradation correction. Therefore, execute full adjustment of auto gradation adjustment after installing the high-capacity SSD to enable proper images to be output.

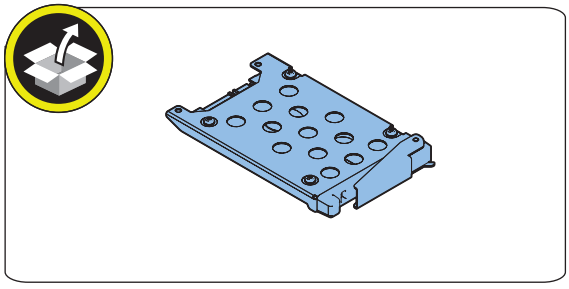
■ Execution of the Minimum Installation Work

Be sure to execute the minimum installation work in accordance with the Setup Guide because SSD is initialized when the high-capacity SSD is installed.

[TYPE-2] Standard SSD + Option SSD (250GB) + SSD Mirroring Kit

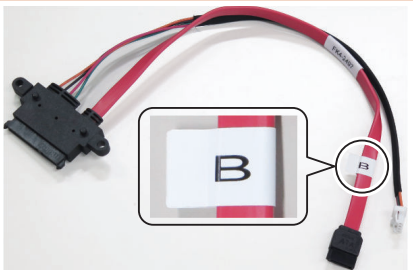
■ Checking the Contents

<Option SSD (250 GB)>

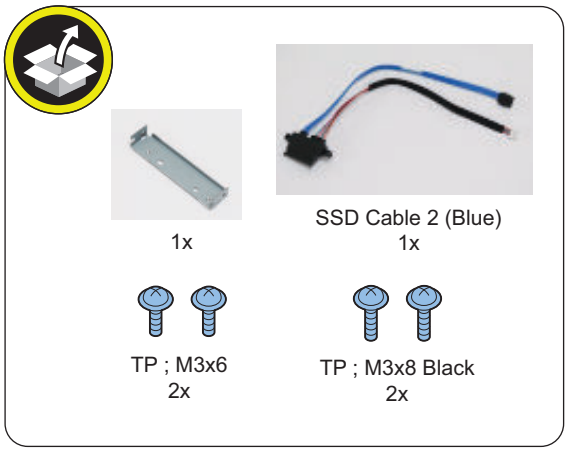


<SSD Mirroring Kit>

CAUTION:
Although the red cable shown below may sometimes be supplied in lieu of the SSD Cable 2 (Blue), the procedure for connecting the red cable is the same as that for the blue cable.
When connecting the cable to the Controller PCB, make sure to first confirm that the sticker [B] is attached to the cable and then connect the cable to the Controller PCB.



SSD Cable 2 (Red)



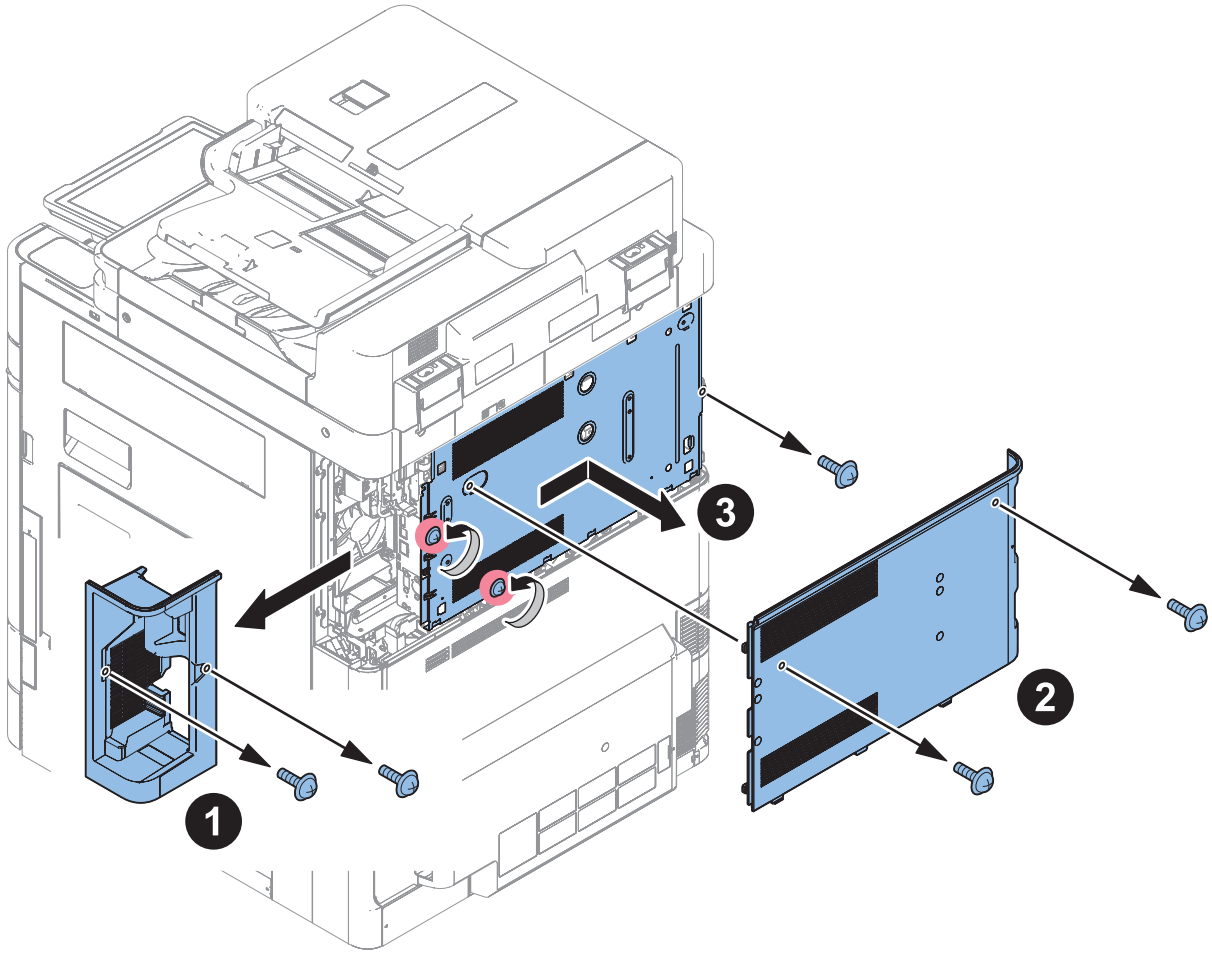
<Others>
- Guides are included

■ Installation Procedure

● Installing the SSD Mirroring Kit/ Installing the Option SSD

□

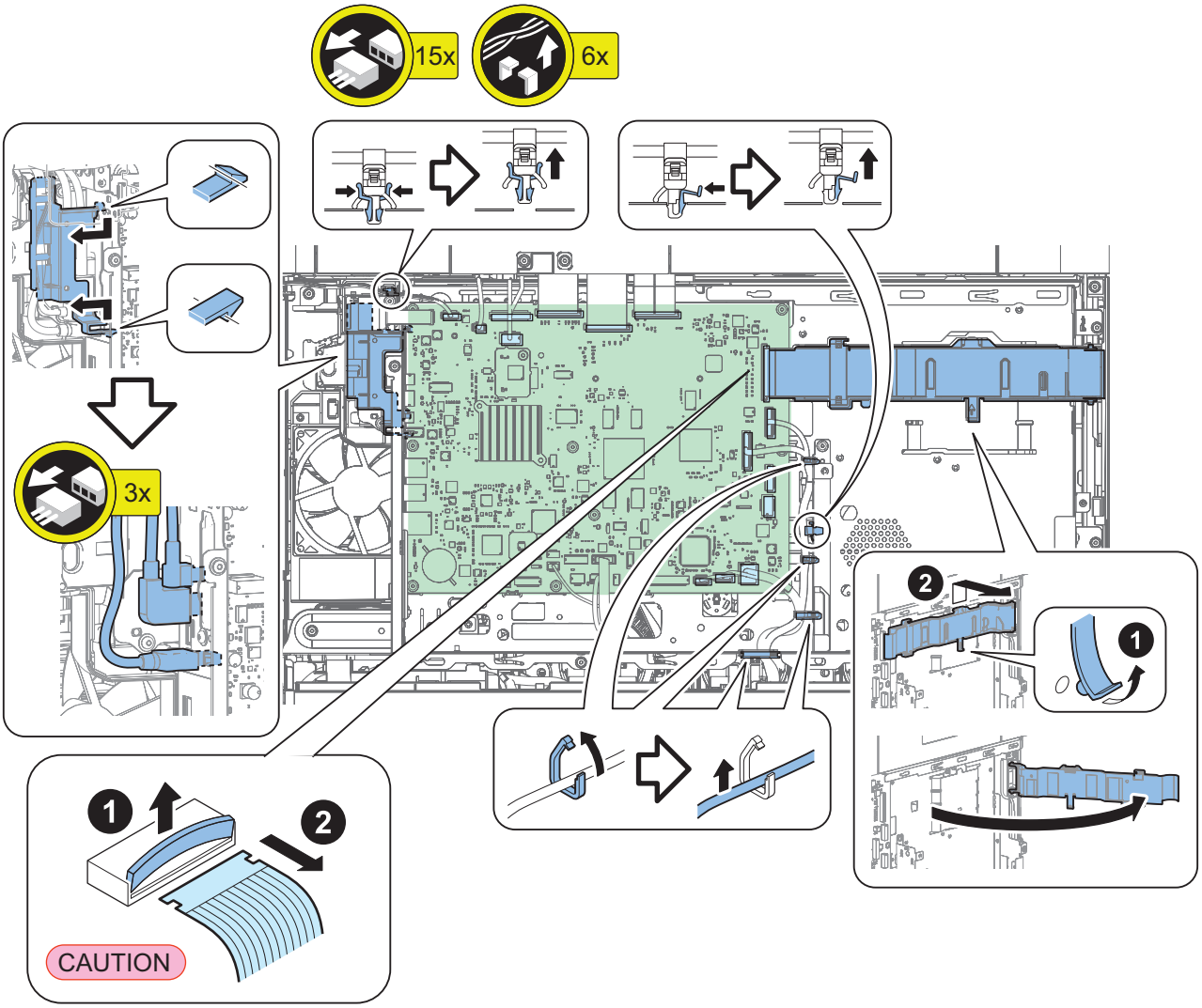
1.



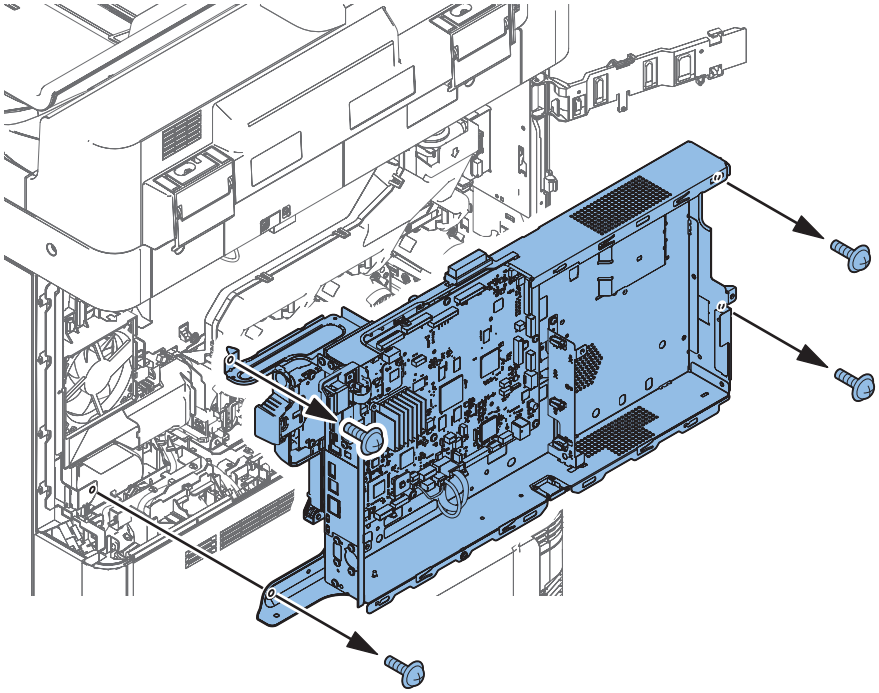
□

2.

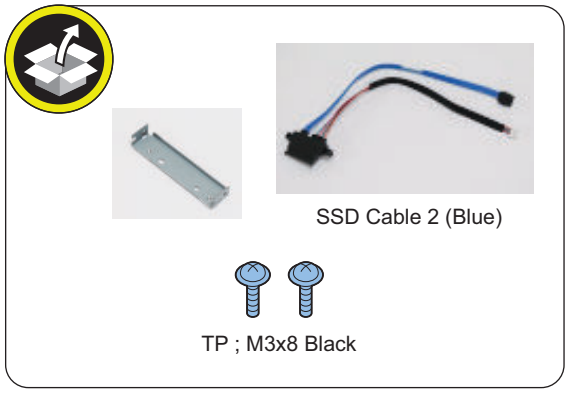
CAUTION:
To prevent damage, pull out the flat cable vertically while opening the connector.

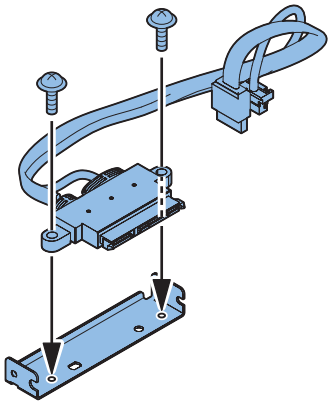


□
3.



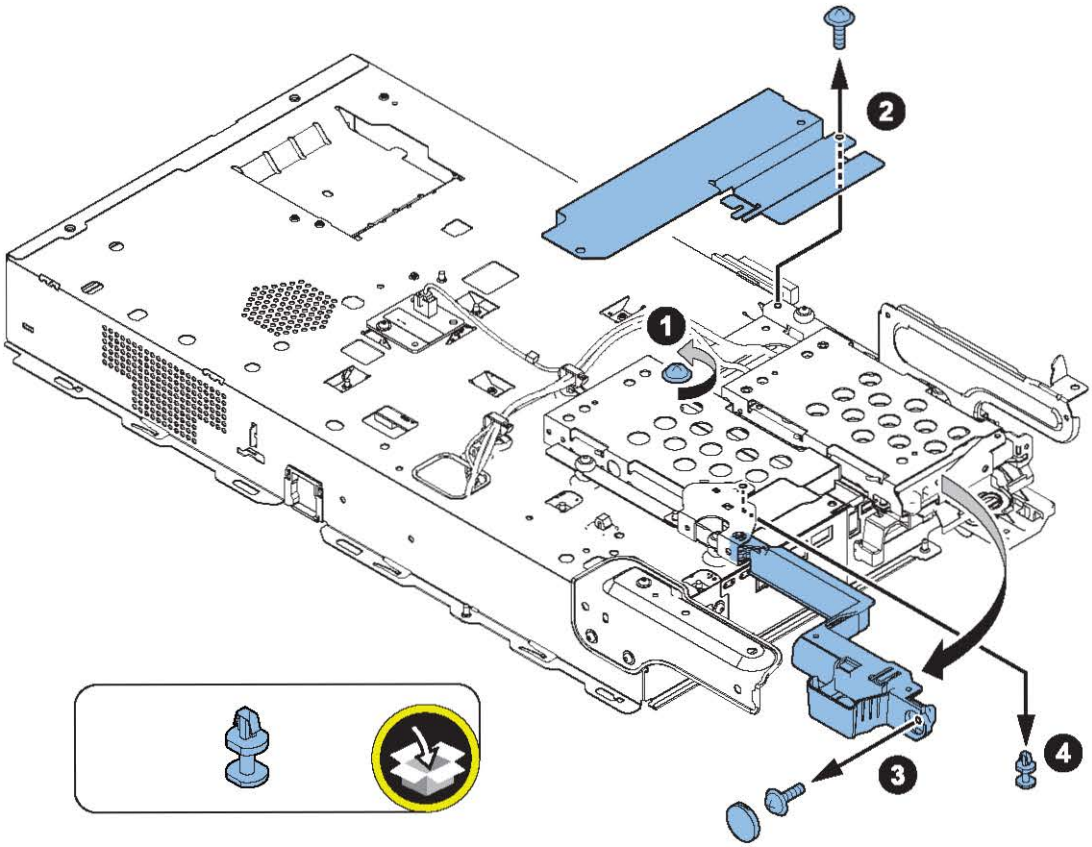
□
4.





□

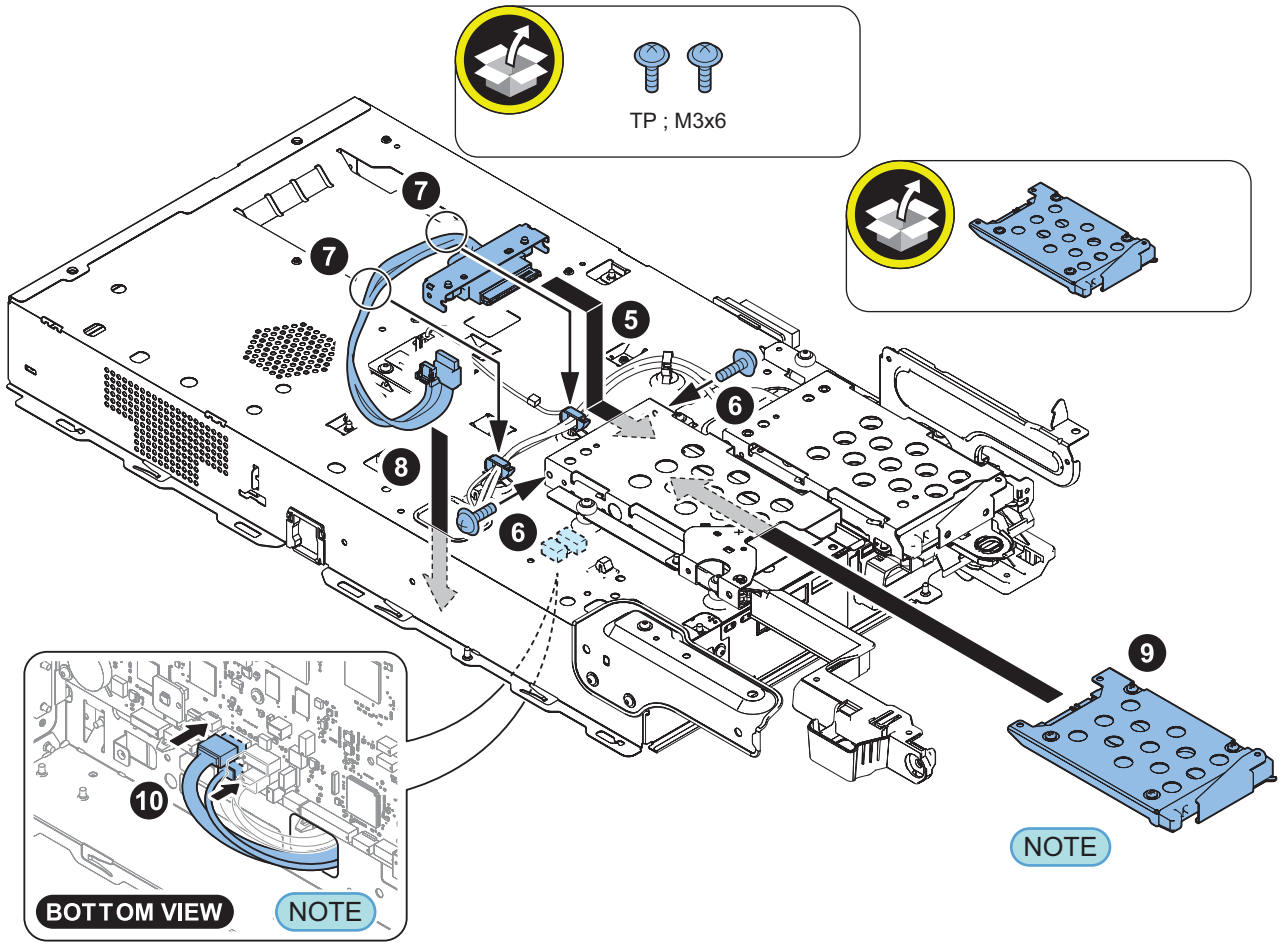
5.



☐

6.

CAUTION:
- Since there is a possibility of a connector contact failure, press the SSD firmly to install.
- Be sure to connect the communication cable to the correct port.
- Connect the SSD Cable 2 (Blue) or the SSD Cable 2 (Red) with a sticker labeled [B] to [B] on the Controller PCB.



☐

7. **Installing the covers removed in the previous step.**

■ Setting the Mirroring

☐

1. **Set the setting value for the mirroring to "1" in the following service mode.**
   COPIER > OPTION > FNC-SW > W/RAID
2. **Turn OFF/ON the main power of the host machine to enable the setting value.**
3. **Make sure that the UI screen is activated correctly.**

4. **Open the Cover, and make sure that the LED blinks.**

NOTE:
Rebuilding starts approximately after 60 seconds after turning OFF and then ON the power.
- SSD 1 (Slot 1): The green LED blinks.
- SSD 2 (Slot 2): The green and red LEDs blink.

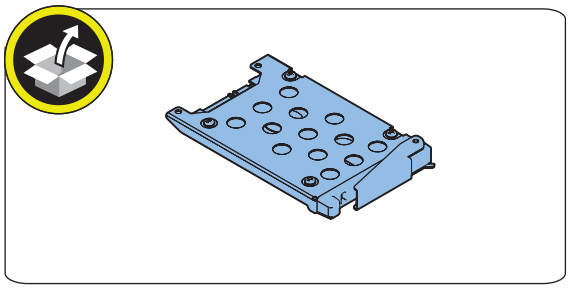
CAUTION:
Perform the W/RAID setting 3 minutes after the power is turned on.
Wait 10 seconds after changing the W/RAID setting before turning the power off.
The rebuild process starts after setting "1" on W/RAID and turning it OFF/ON.
Rebuild process starts after setting "1" for W/RAID. If an error occurs during the rebuild process at the initial installation the hard disk needs to be replaced. (Call service rep.), reexecute the process with the following procedure.
1. Check that the lighting red LED is SSD2.
2. Select "0" for the following service mode.
   COPIER > OPTION > FNC-SW > W/RAID
3. To enable the setting value, turn OFF/ON the Main Power Supply Switch of the host machine.
4. Select "1" for the following service mode.
   COPIER > OPTION > FNC-SW > W/RAID
5. To enable the setting value, turn OFF/ON the Main Power Supply Switch of the host machine.

The foregoing procedure is limited to the rebuild process at the initial installation.
An error during the rebuild process that is executed during operation is not included in the consideration.

[TYPE-3] 2 Option SSDs (1TB) + SSD Mirroring Kit

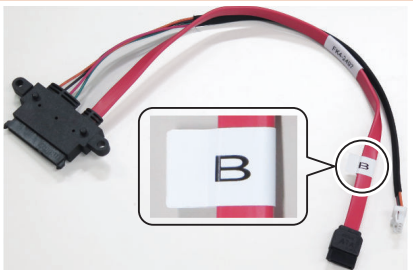
■ Checking the Contents

<Option SSD (1TB)>

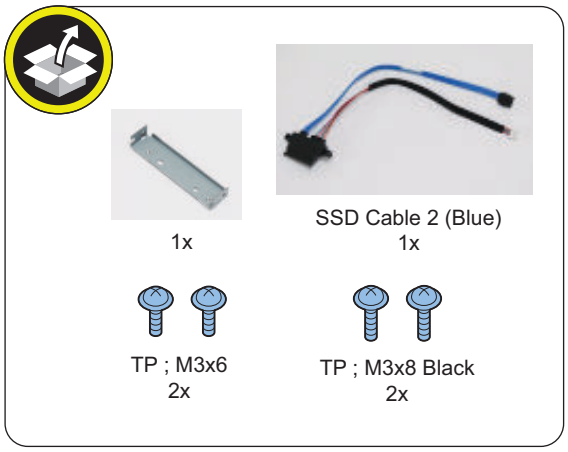


<SSD Mirroring Kit>

CAUTION:
Although the red cable shown below may sometimes be supplied in lieu of the SSD Cable 2 (Blue), the procedure for connecting the red cable is the same as that for the blue cable.
When connecting the cable to the Controller PCB, make sure to first confirm that the sticker [B] is attached to the cable and then connect the cable to the Controller PCB.



SSD Cable 2 (Red)



<Others>
- Guides are included

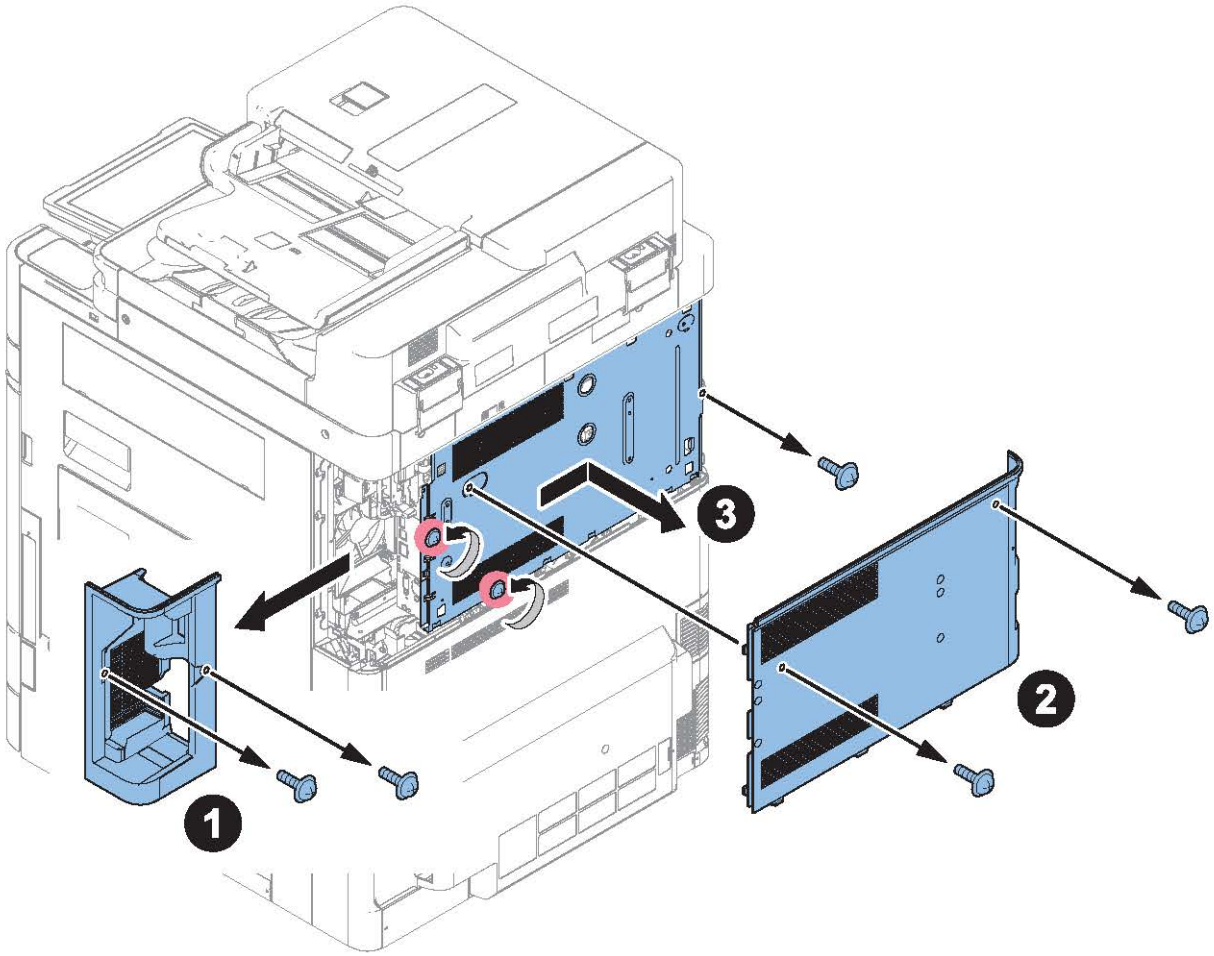
■ Installation Procedure

NOTE:
- Be sure to perform"Removing the SSD (Preparation)" on page 270 before performing the following work.
- Use 2 Option SSDs (1TB).

● Installing the SSD Mirroring Kit/ Installing the Option SSD

□

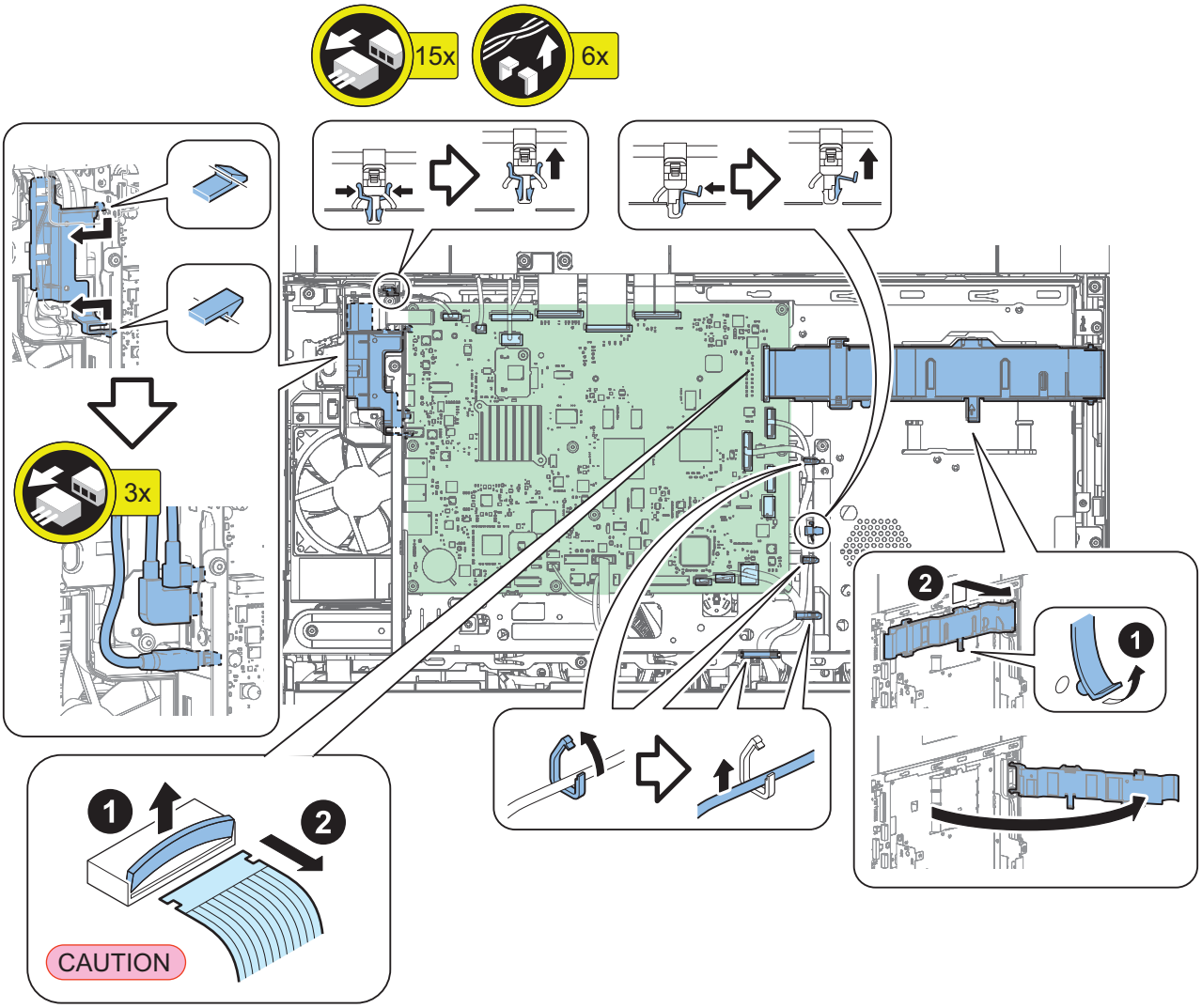
1.



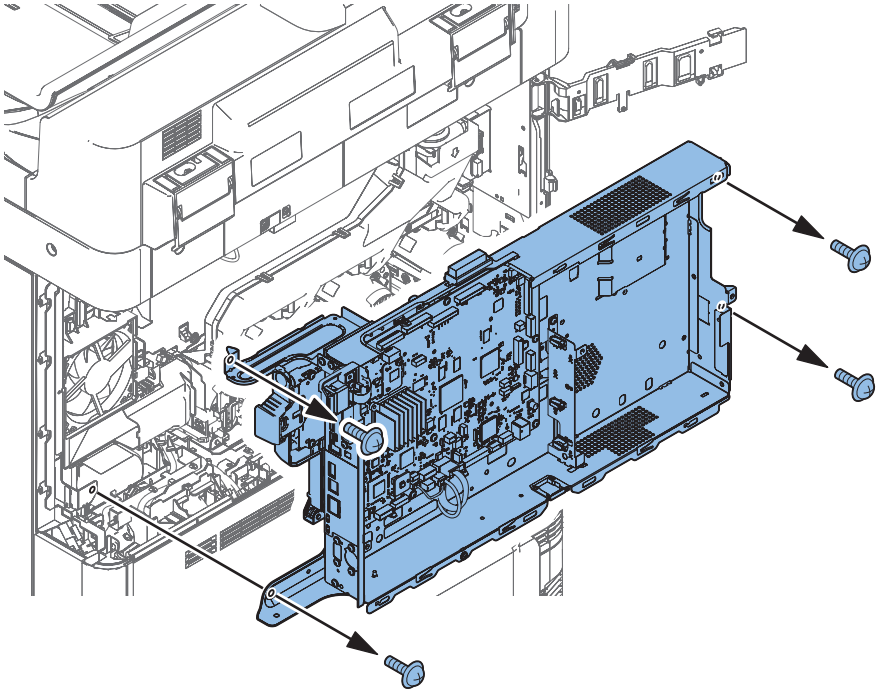
□

2.

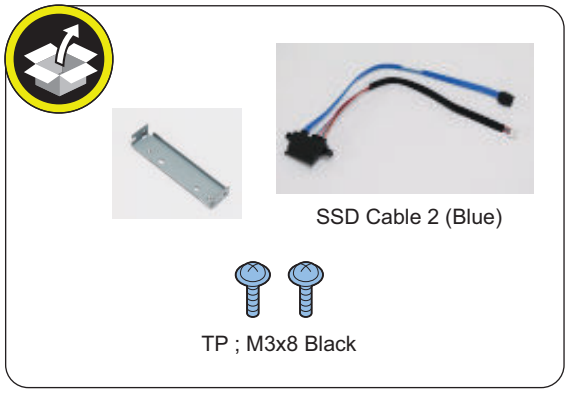
CAUTION:
To prevent damage, pull out the flat cable vertically while opening the connector.

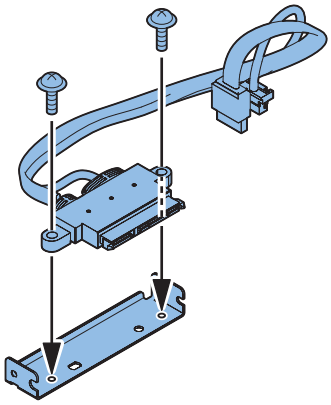


□
3.

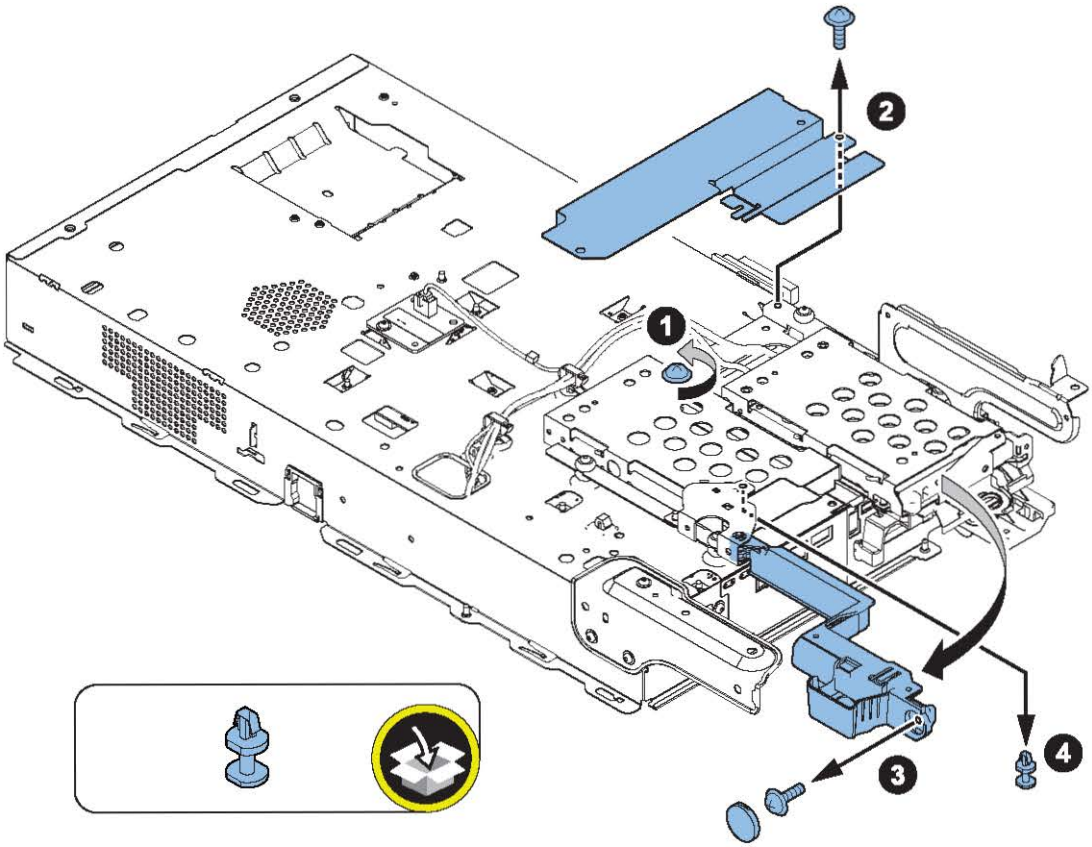


□
4.





□
5.



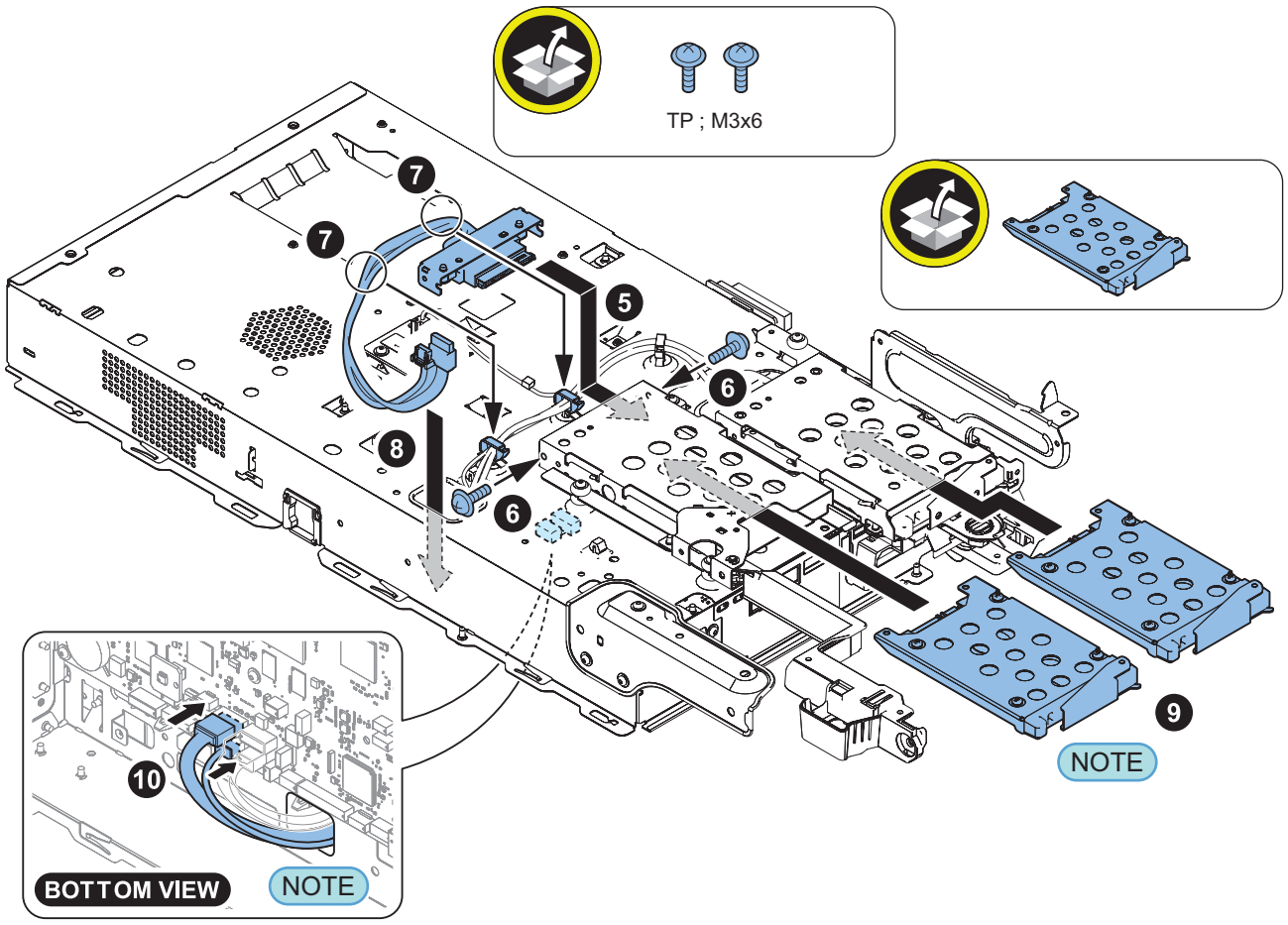
□

6.

CAUTION:

- Since there is a possibility of connector contact failure, attach the storage device by pressing it strongly.
- Be sure to connect the communication cable to the correct port.
- Connect the SSD Cable 2 (Blue) or the SSD Cable 2 (Red) with a sticker labeled [B] to [B] on the Controller PCB.

NOTE:
Use 2 Option SSDs (1TB) .



□

7. Installing the covers removed in the previous step.

■ SSD Initialization Procedure

1. **Requirements**
   1. PC
      Service Support Tool in the version that supports this host machine must be installed.rror during the rebuild process that is executed during operation is not included in the consideration.
   2. Cross Ethernet Cable (when SST is used)

2. **Preparing for the Installation of the System Software of Host machine**
    1. If both PC and the machine are on, turn them off.
    2. Connect the PC and the host machine using an Cross Ethernet cable. (when SST is used)
    3. Turn on the PC.
3. **Registering the system software**
    1. Insert the latest System Software into the PC using the SST.
    2. Start the SST.
    3. Click 'Register Firmware'.
    4. Select the drive where the system software has been inserted, and click the [SEARCH] button.
    5. Click the [REGISTER] button.
    6. Click [OK].
4. **Initializing SSD**

    <In case of SST>
    1. Start the host machine with download mode in safe mode.
    2. Start the SST.
    3. Select the model. Then, select [Single] and click [Start].
    4. Click [Format HDD].
    5. Select [All], and click [Start].
    6. Click [Execute Format].
    7. The Format is executed.
    8. Select [Shutdown/Restart], and click [Shutdown].
    9. Click [OK]
    10. The power of the host machine is turned OFF.
    11. Terminate the SST.
    12. Disconnect the Cross Ethernet Cable from the machine, and connect the user's network cable to the machine.

    <In case of USB flash drive>
    1. Connect the USB flash drive to the PC.
    2. Start up SST, and click the USB icon displayed in the target selection screen.
    3. Select the drive, the model series, and the version to be written to the USB flash drive, and click [Confirm].
    4. Click [Start], and after the version has been written to the USB flash drive, click [OK] and then remove the USB flash drive.
    5. Terminate the SST.
    6. Connect the USB flash drive to the host machine, and start the host machine with download mode in safe mode.
    7. When the USB menu is displayed, press keys on the Control Panel in the order shown below.
        - [4]: Clear/Format
        - [1]: Disk Format
        - [0]: OK
        - Press any keys.
        - [C]: Return to menu
        - [Reset] : Start shutdown sequence
        - [0]: OK (The power of the host machine is turned OFF automatically.)
    8. Remove the USB flash drive.
    9. Turn ON the main power switch.

■ Setting the Mirroring

□

1. **Set the setting value for the mirroring to "1" in the following service mode.**

    COPIER > OPTION > FNC-SW > W/RAID
2. **Turn OFF/ON the main power of the host machine to enable the setting value.**
3. **Make sure that the UI screen is activated correctly.**

4. **Open the Cover, and make sure that the LED blinks.**

NOTE:
Rebuilding starts approximately after 60 seconds after turning OFF and then ON the power.
- SSD 1 (Slot 1): The green LED blinks.
- SSD 2 (Slot 2): The green and red LEDs blink.

CAUTION:
Perform the W/RAID setting 3 minutes after the power is turned on.
Wait 10 seconds after changing the W/RAID setting before turning the power off.
The rebuild process starts after setting "1" on W/RAID and turning it OFF/ON.
Rebuild process starts after setting "1" for W/RAID. If an error occurs during the rebuild process at the initial installation the hard disk needs to be replaced. (Call service rep.), reexecute the process with the following procedure.
1. Check that the lighting red LED is SSD2.
2. Select "0" for the following service mode.
   COPIER > OPTION > FNC-SW > W/RAID
3. To enable the setting value, turn OFF/ON the Main Power Supply Switch of the host machine.
4. Select "1" for the following service mode.
   COPIER > OPTION > FNC-SW > W/RAID
5. To enable the setting value, turn OFF/ON the Main Power Supply Switch of the host machine.

The foregoing procedure is limited to the rebuild process at the initial installation.
An error during the rebuild process that is executed during operation is not included in the consideration.

■ Executing Auto Gradation Adjustment

When the high-capacity SSD is installed, the machine initializes its SSD, resetting the data used for auto gradation correction. Therefore, execute full adjustment of auto gradation adjustment after installing the high-capacity SSD to enable proper images to be output.

■ Execution of the Minimum Installation Work

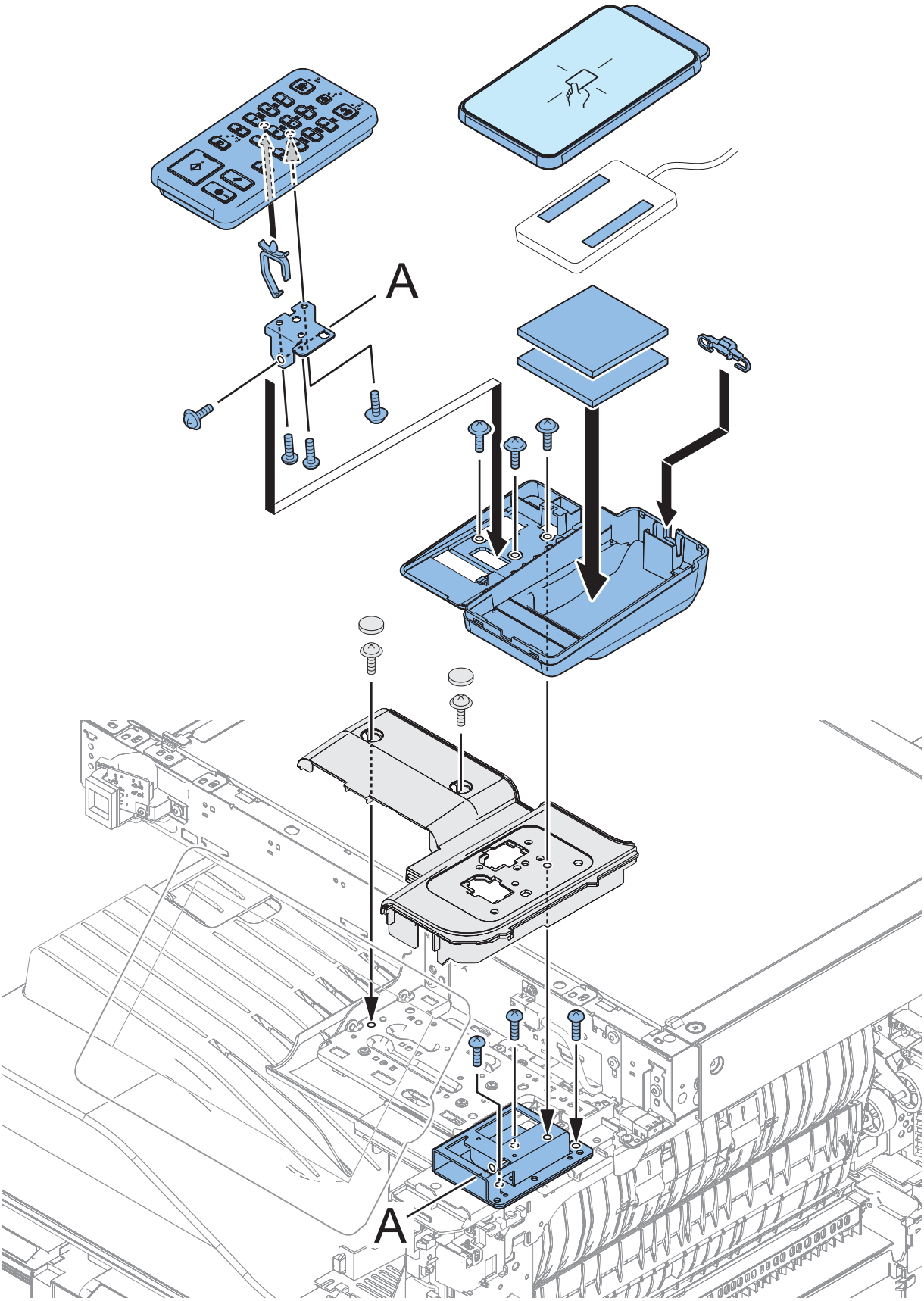
Be sure to execute the minimum installation work in accordance with the Setup Guide because SSD is initialized when the high-capacity SSD is installed.

IC Card Reader Box for Numeric Keypad-A1/Numeric Keypad-A2

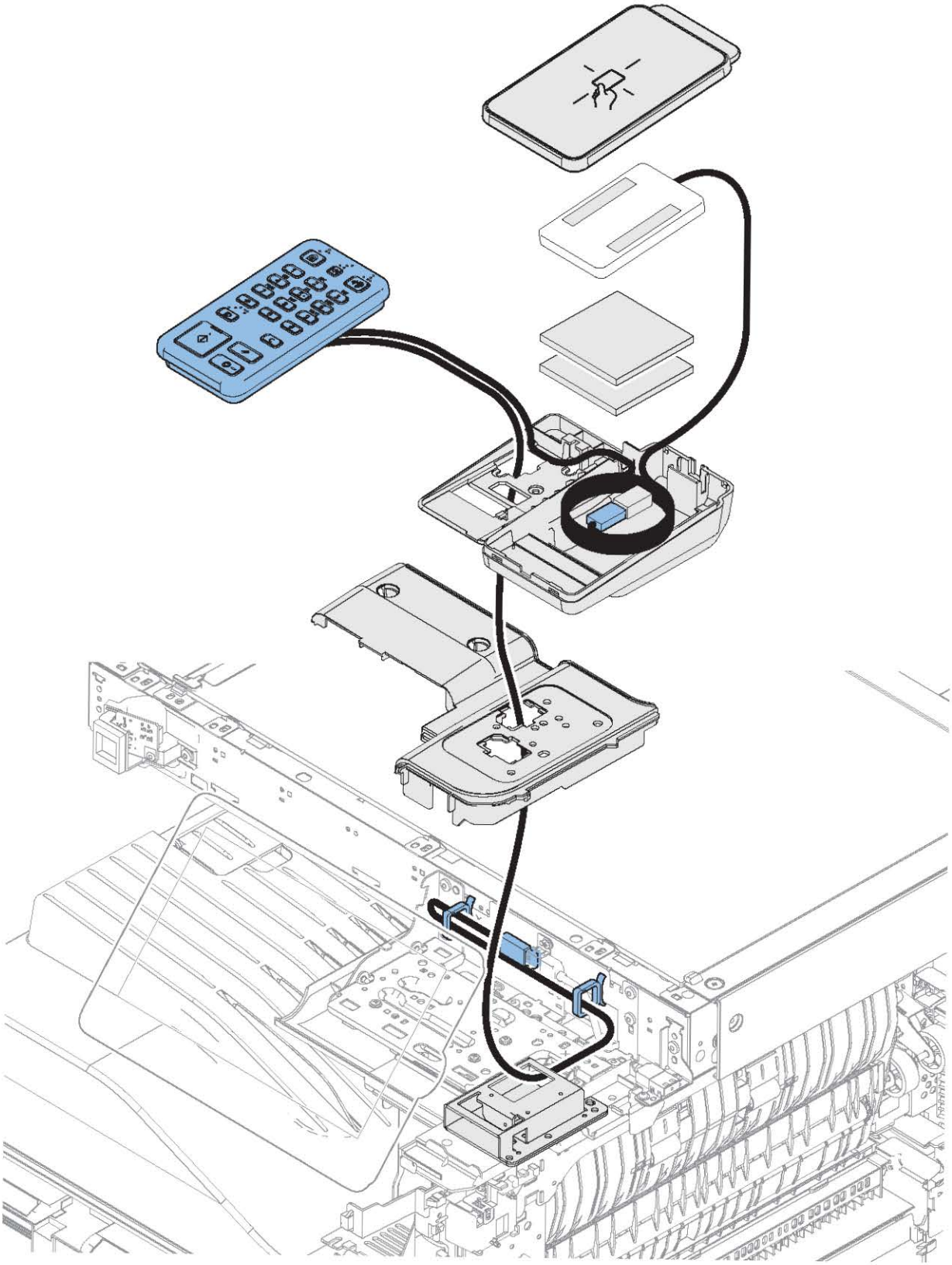
Points to Note at Installation

- When using options and the NFC Kit together, install the NFC Kit first.

Installation Outline Drawing1/2

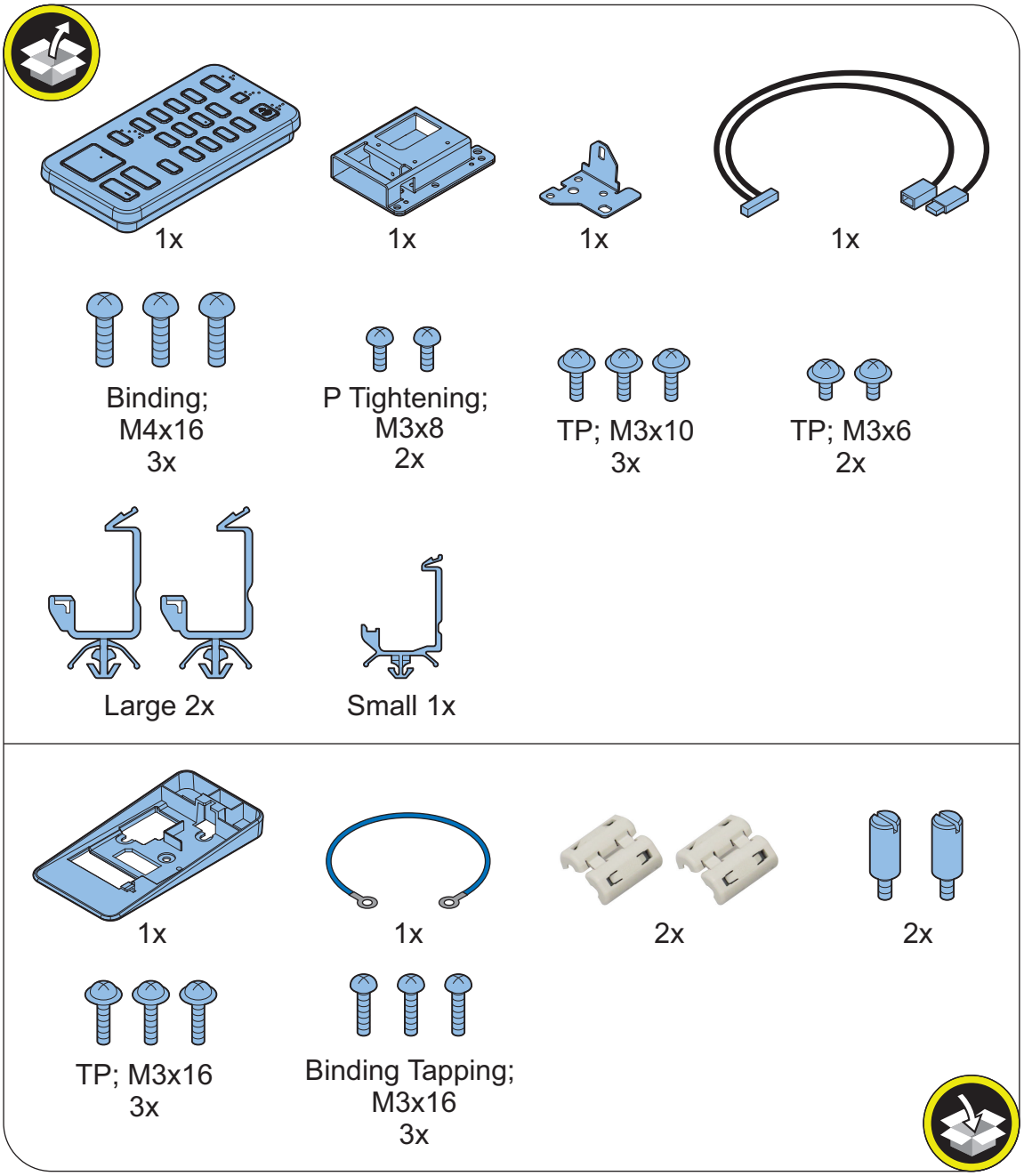


Installation Outline Drawing2/2

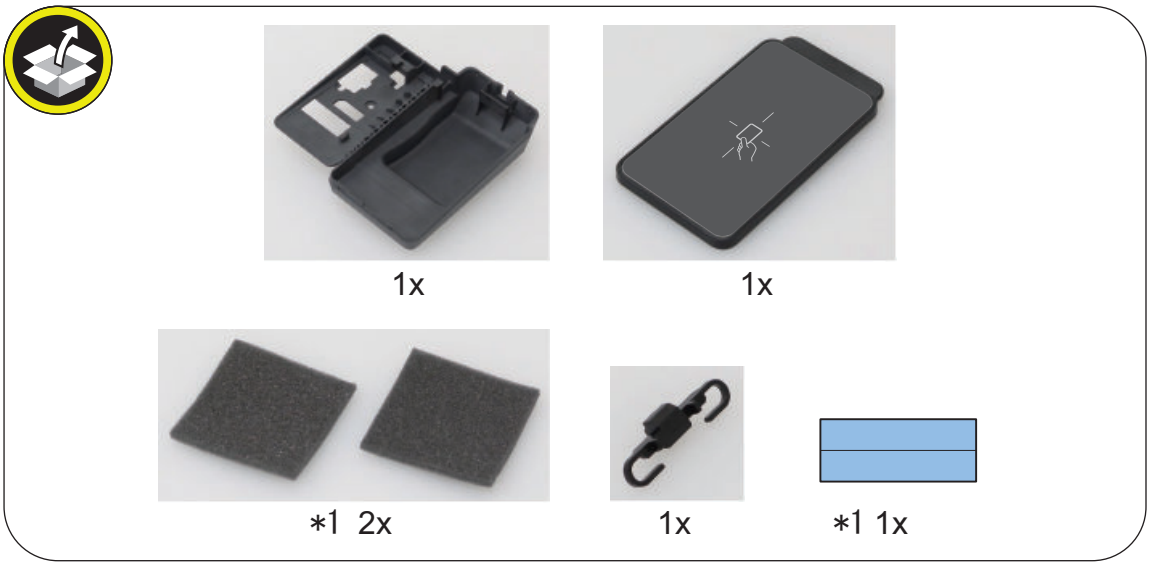


Checking the Contents

■ Numeric Keypad-A2



■ IC Card Reader Box for Numeric Keypad-A1



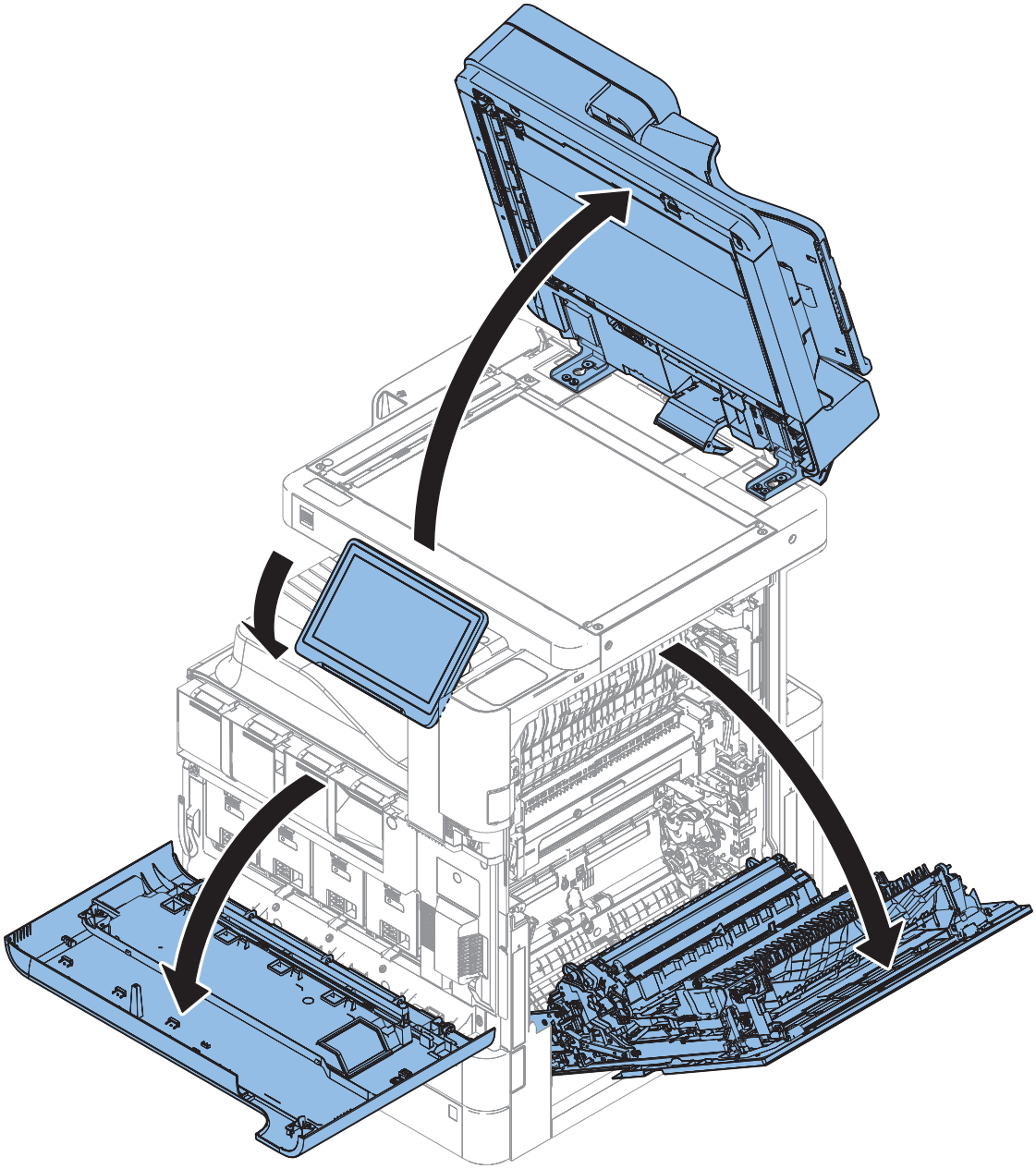
*1: When installing the IC Card Reader, use it as necessary.

Installation Procedure

■ Installing the Numeric Keypad

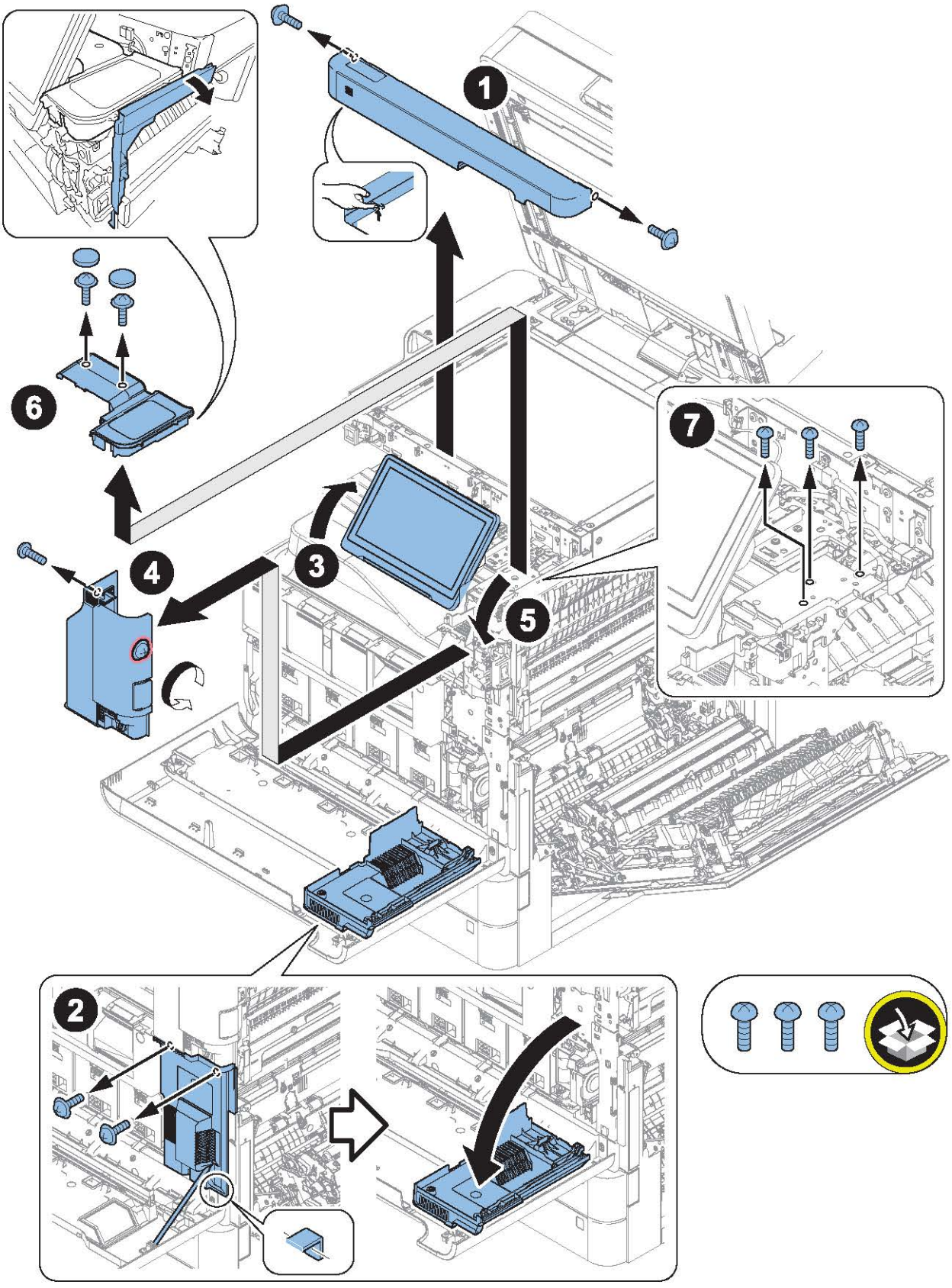
□

1.



□

2.

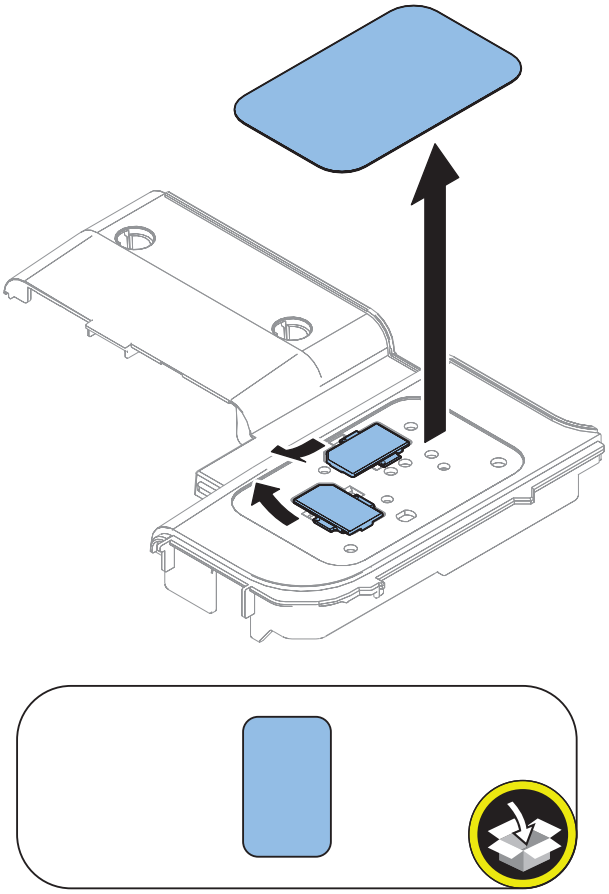


□

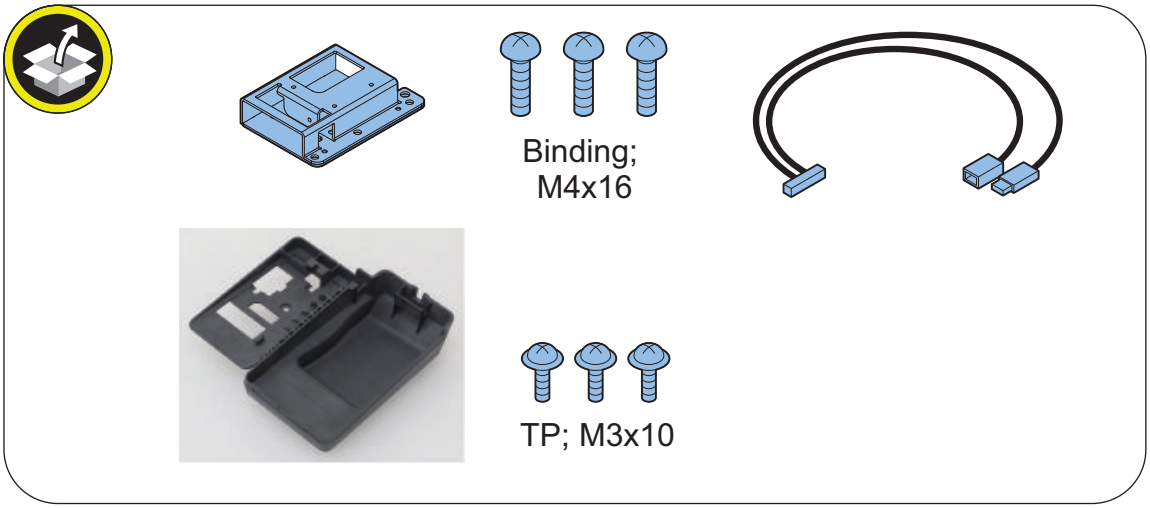
3.

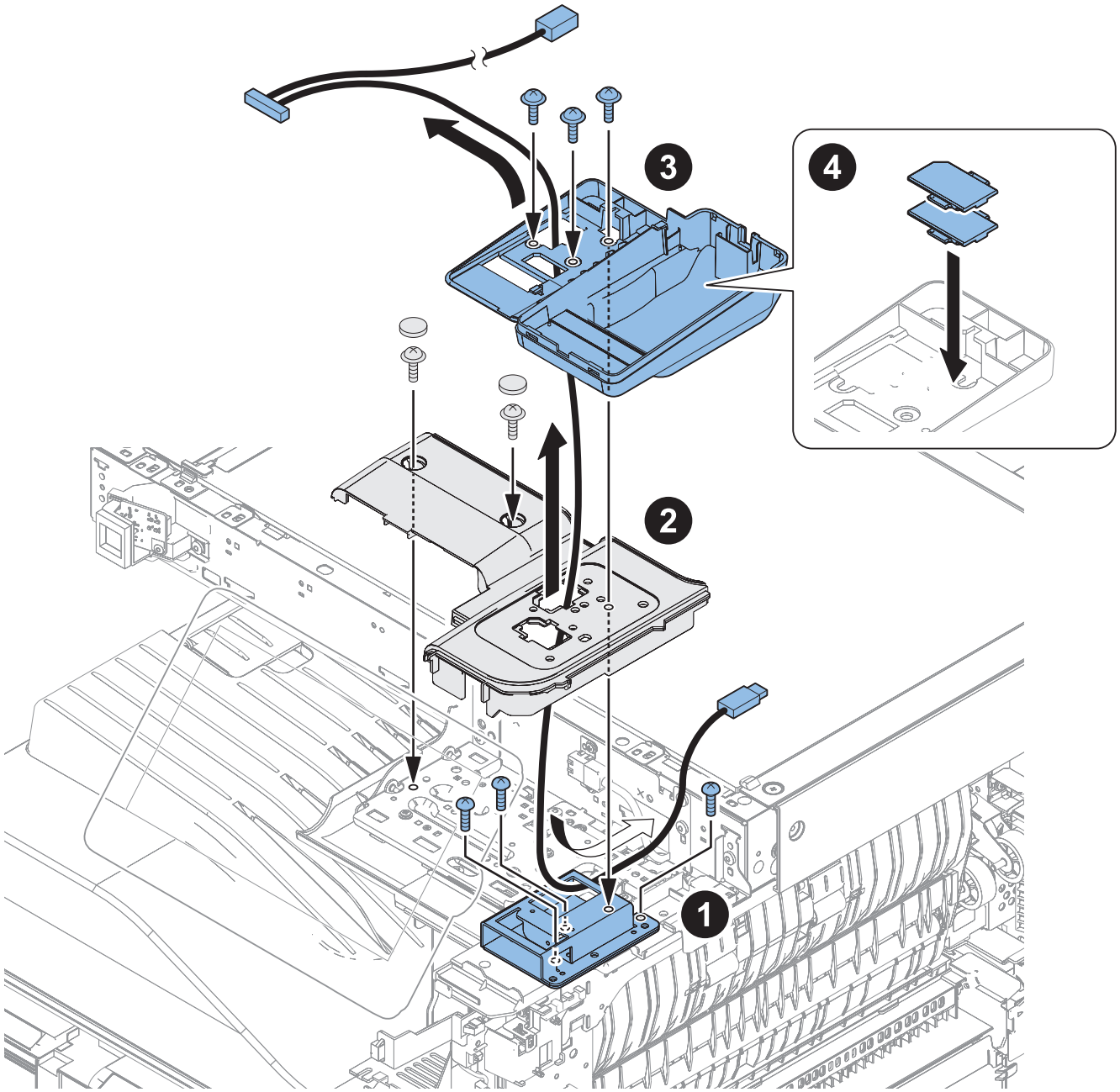
CAUTION:

- After removing the sheet, do not clean the removed surface with alcohol.
- If any glue is remaining on the removed surface, wipe with the removed sheet.



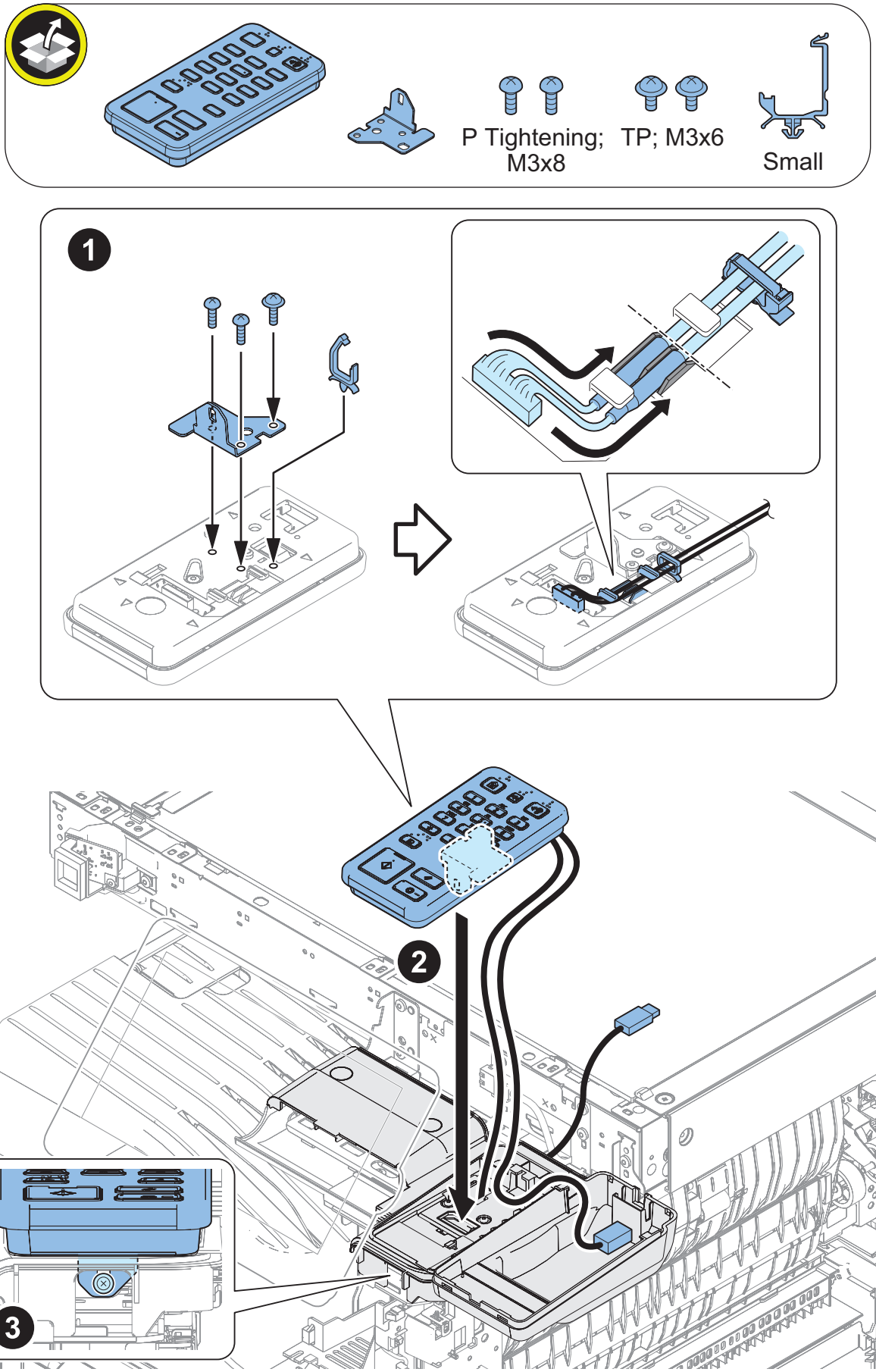
□
4.





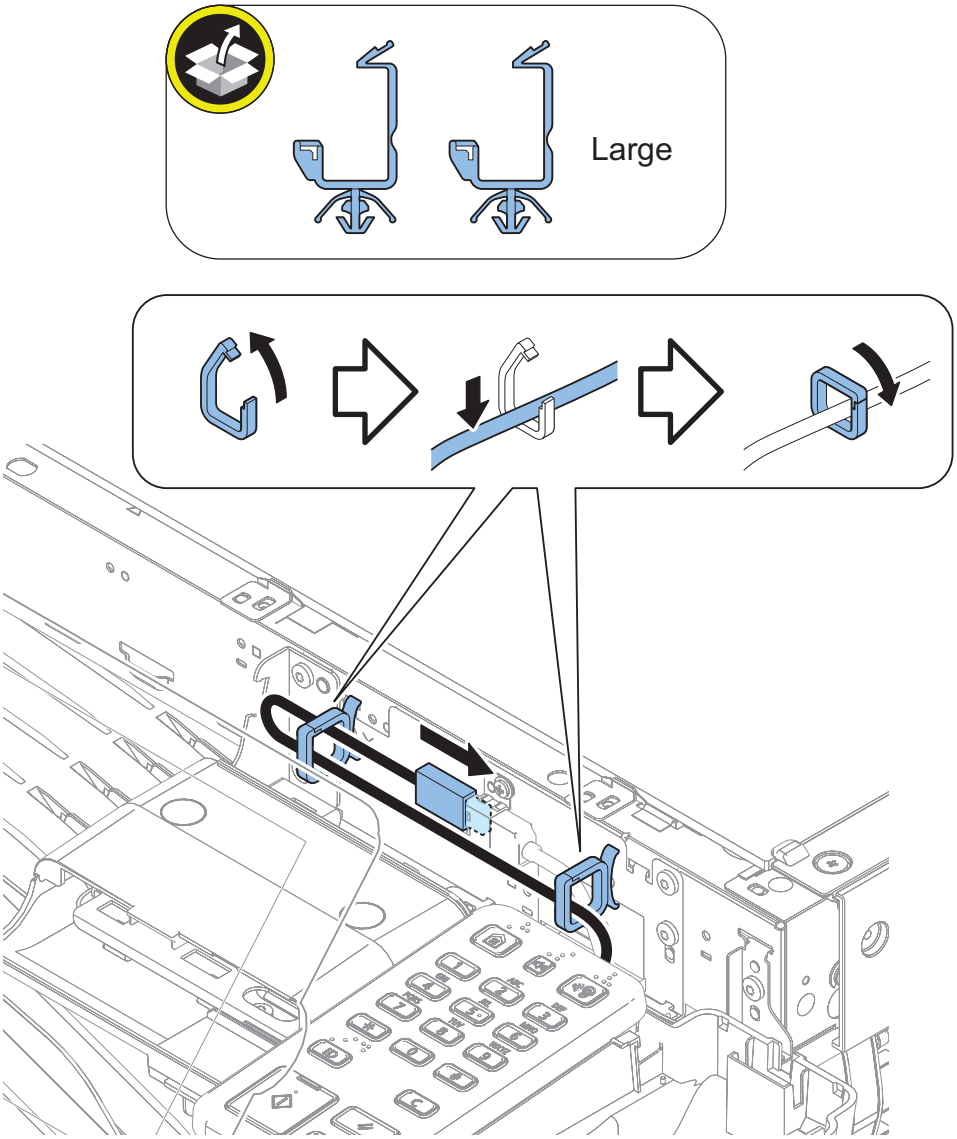
□

5.



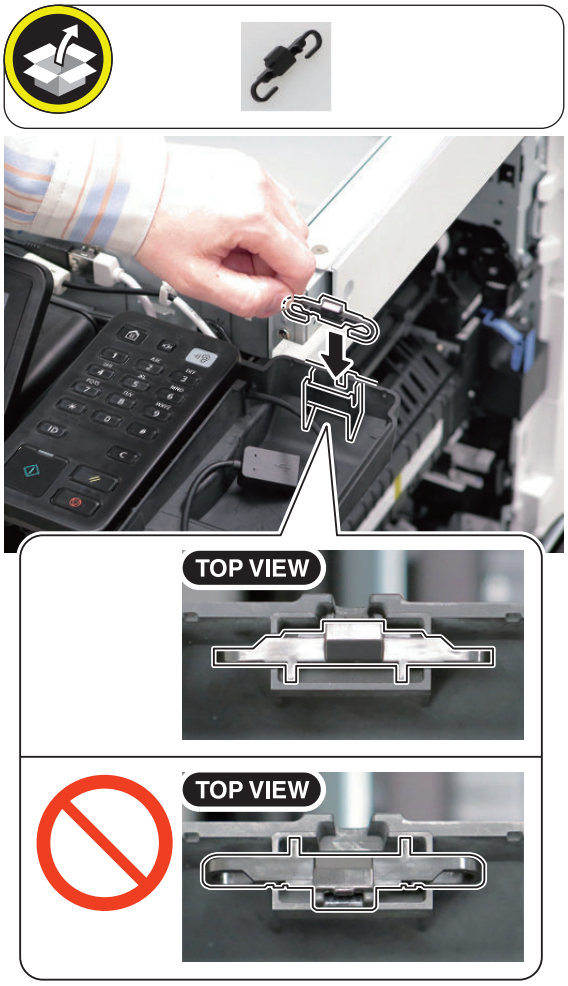
□

6.



☐

7.



☐

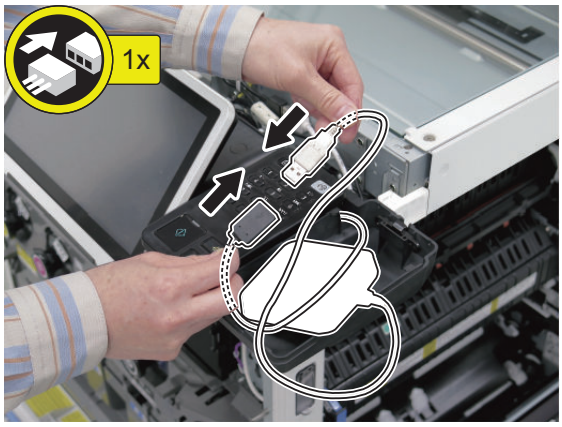
8. **Installing the covers removed in the previous step.**

Installing the Card Reader (IC Card Reader Box for Numeric Keypad-A1)

IC Card Reader

□

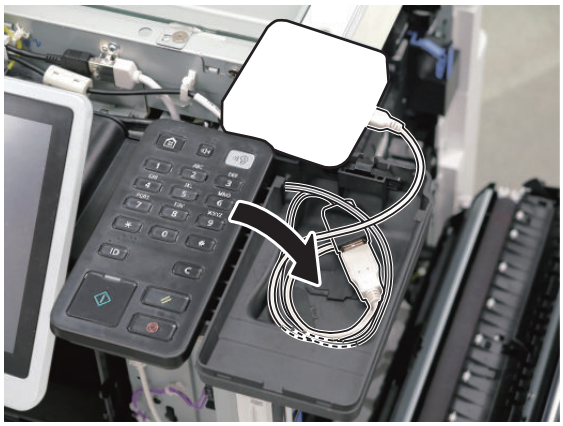
1.



□

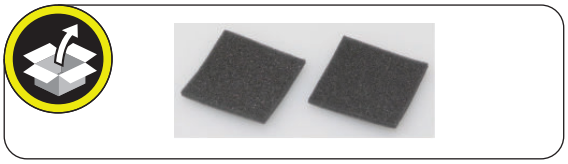
2.

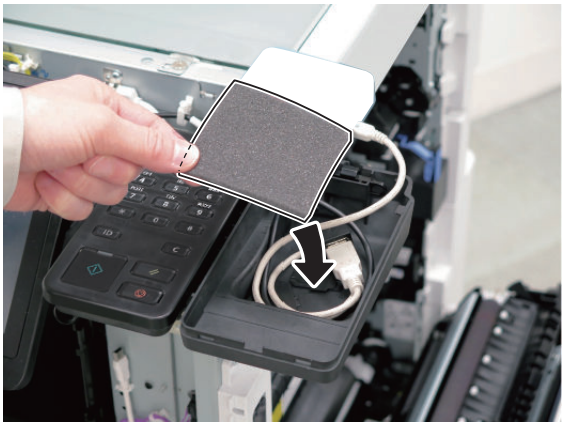
NOTE:
Store the excess length of the cable in the position as shown in the figure.



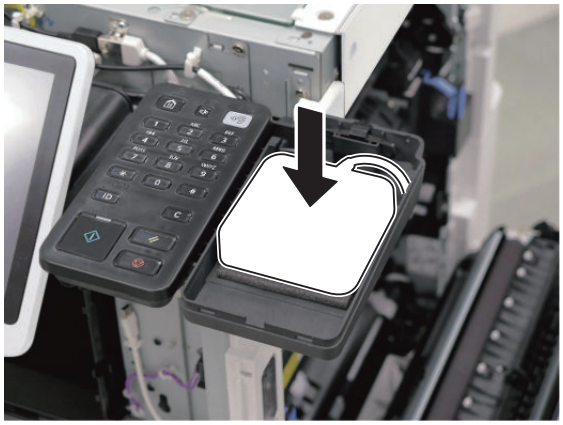
□
3.

NOTE:
Be sure to adjust the number of cushions according to the thickness of the Card Reader.



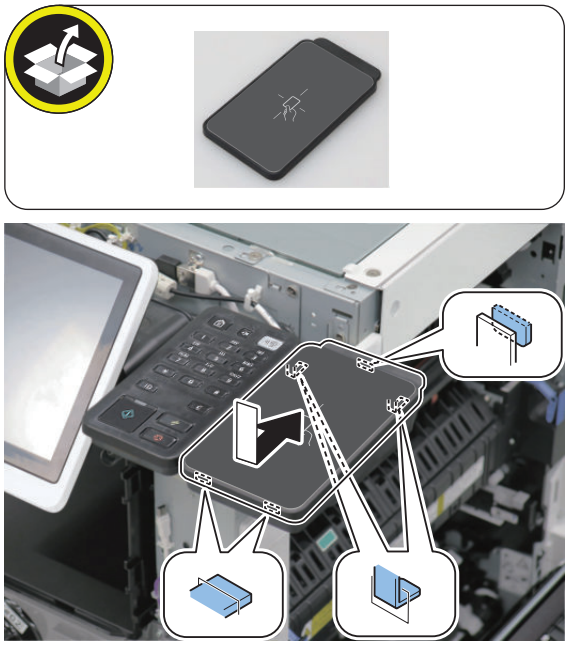


□
4.



□

5.



Procedure after Work

□

1. **Installing the covers removed in the previous step.**

□

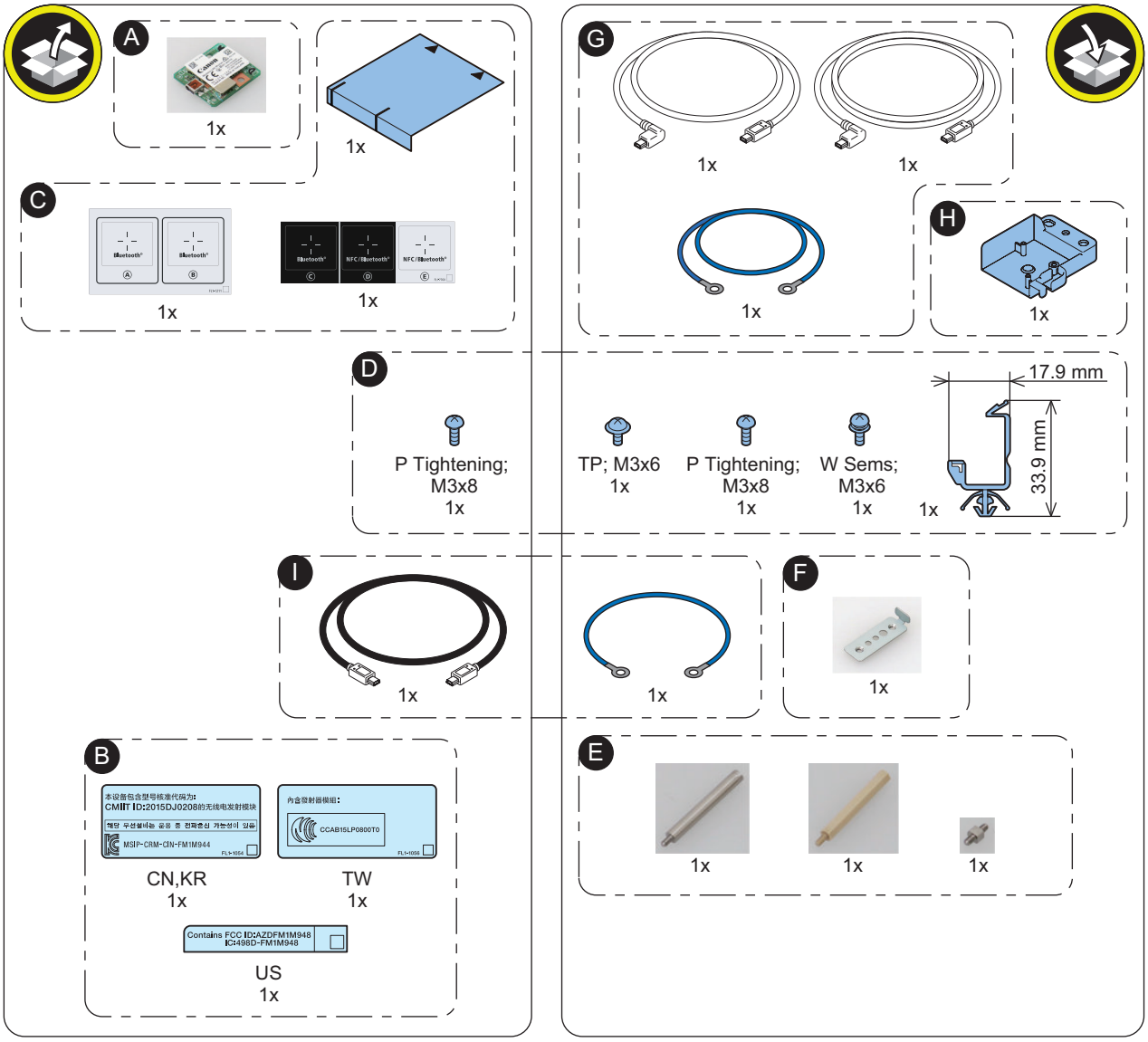
2. **Connect the power plug to the outlet.**

□

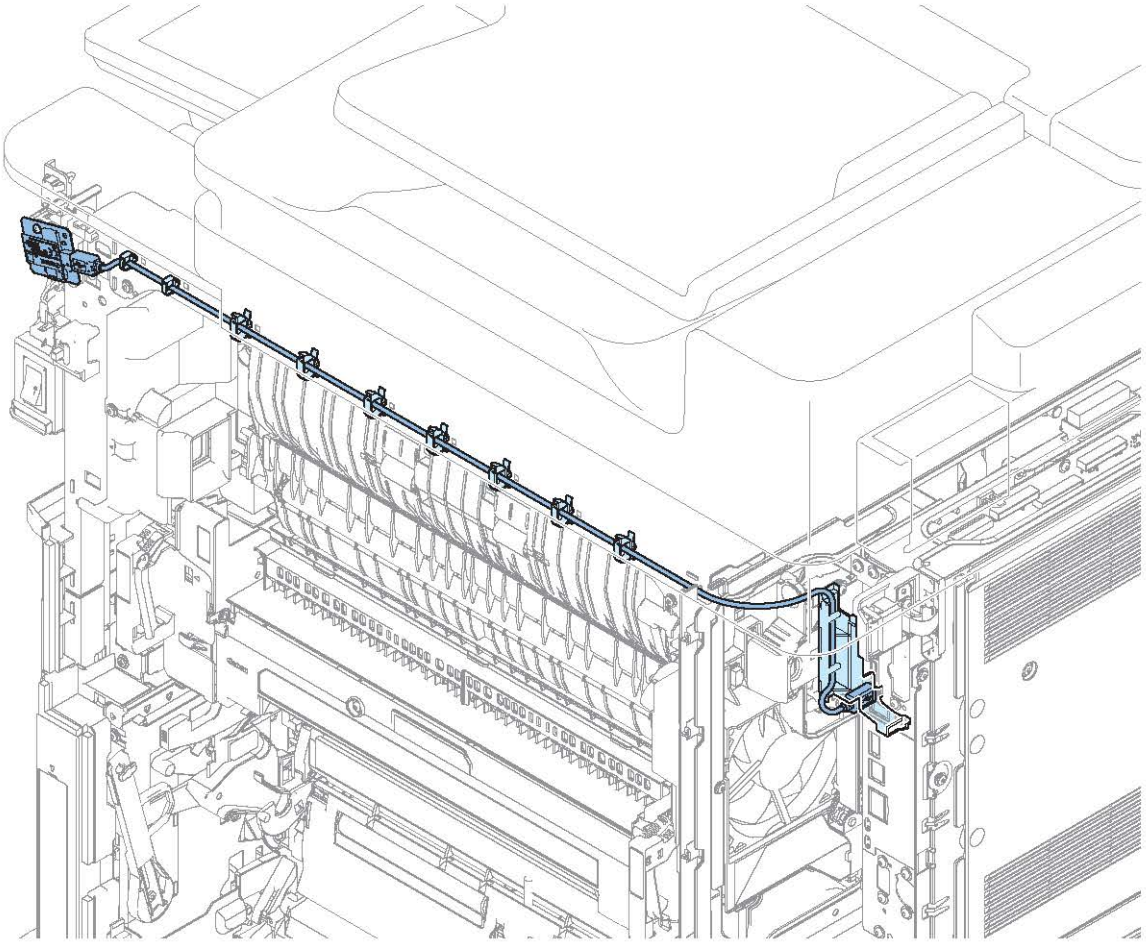
3. **Turn ON the main power switch.**

Connection Kit-A3 for Bluetooth LE

Checking the Contents



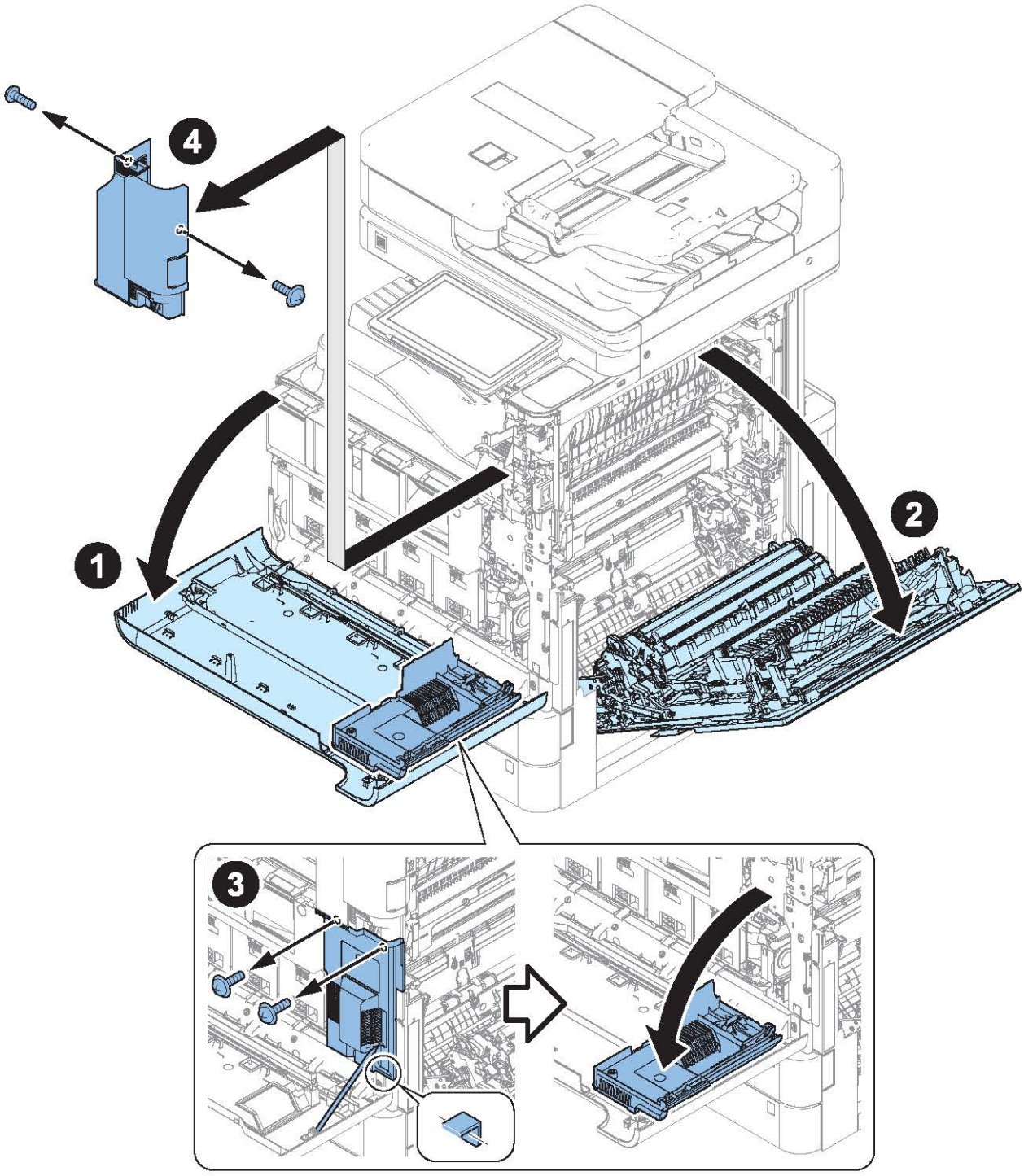
Installation Outline Drawing



Removing the Covers

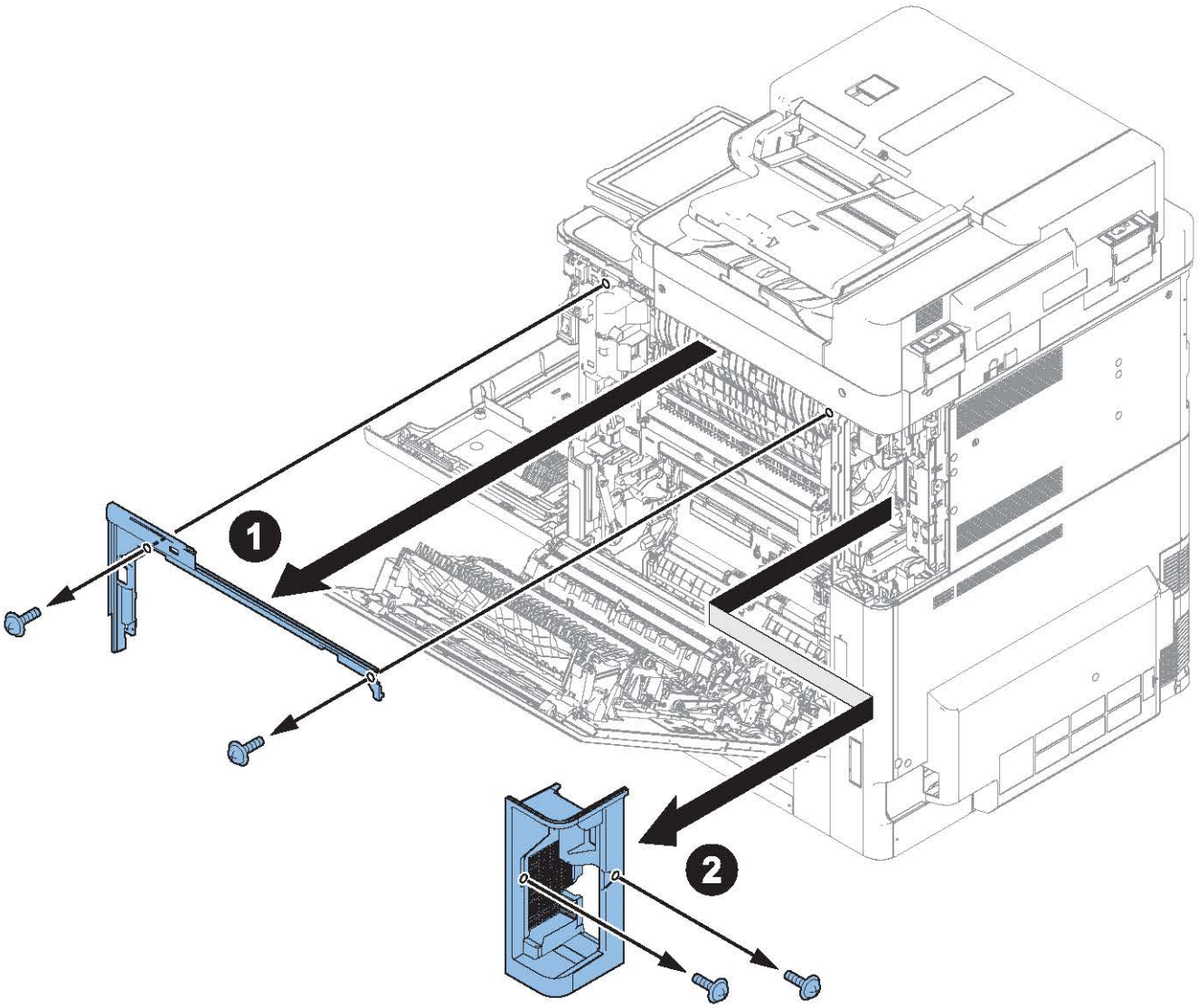
□

1.



□

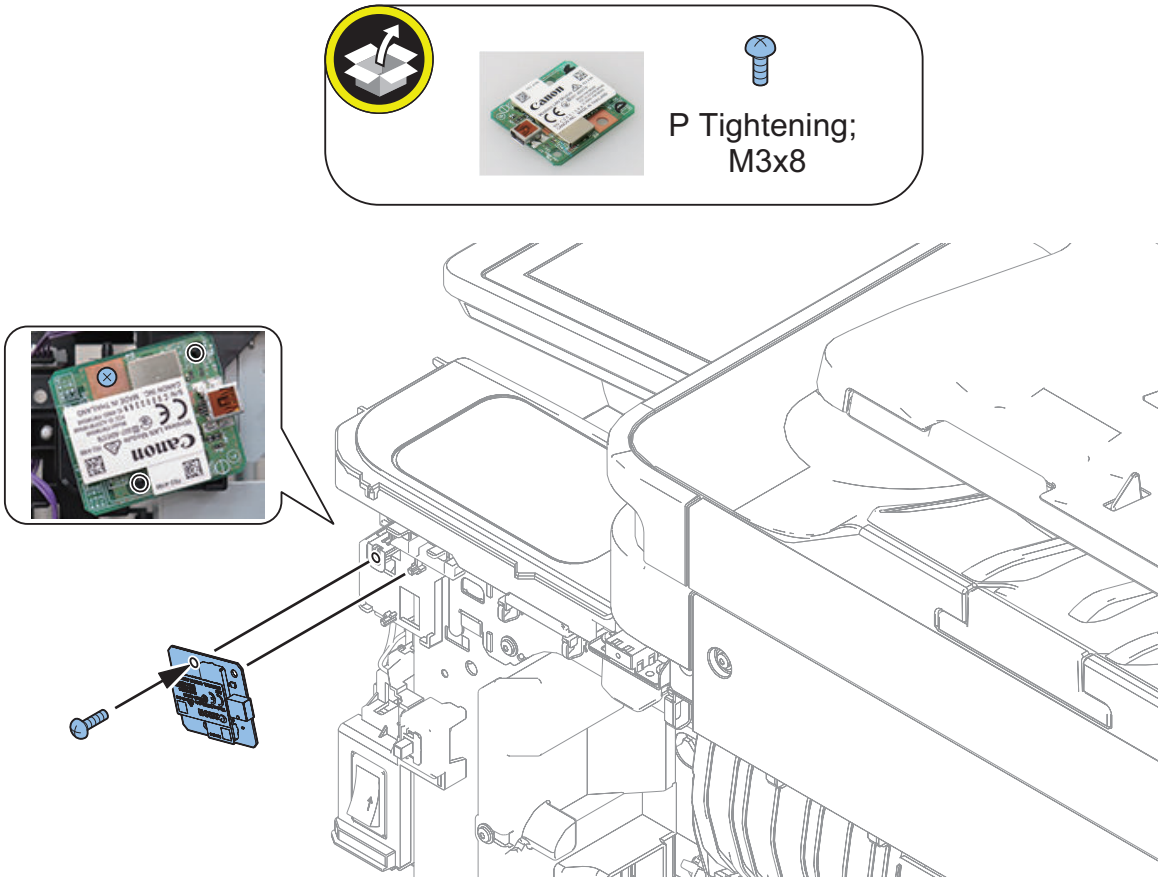
2.



Installing the Connection Kit-A3 for Bluetooth LE

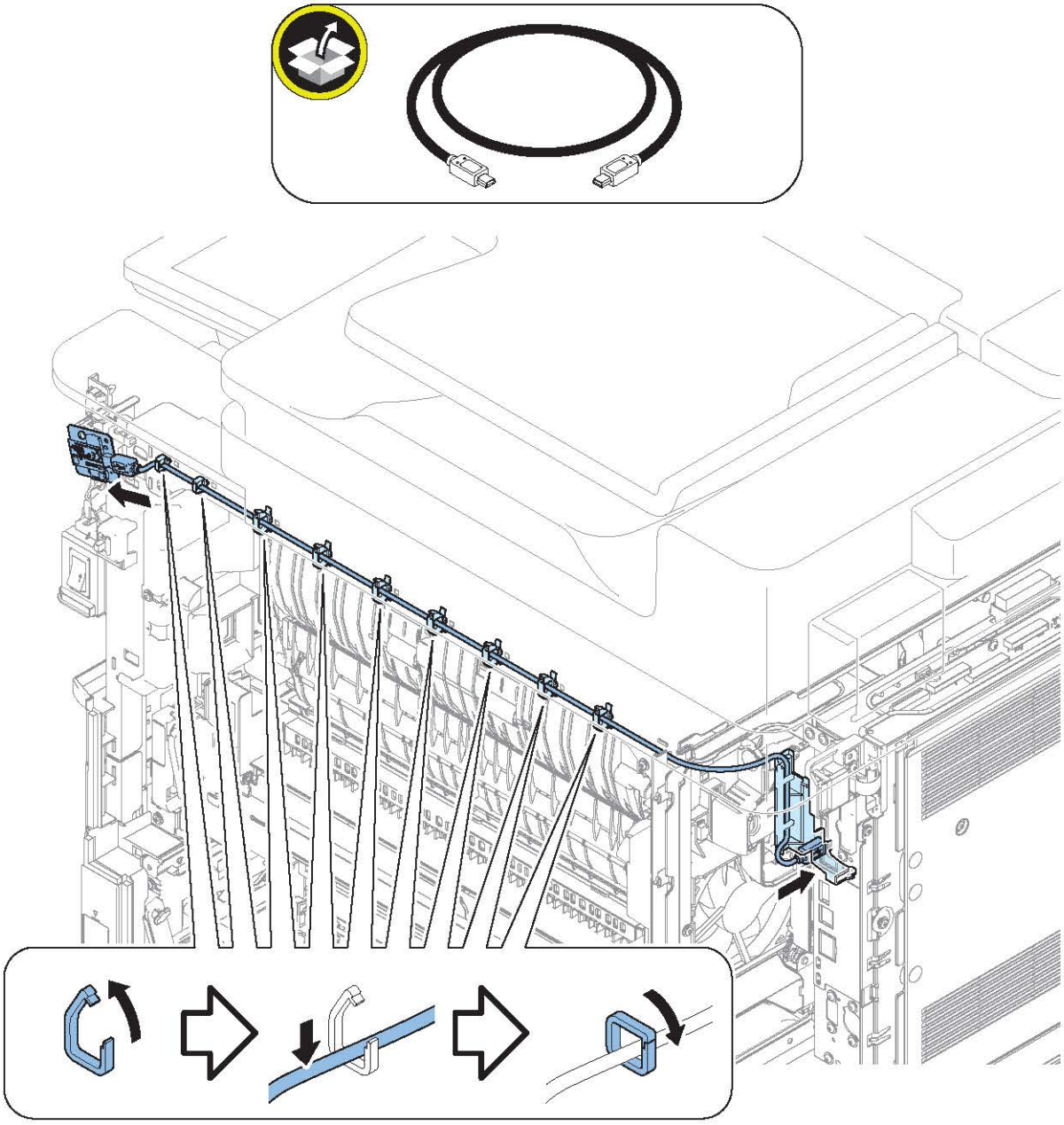
□

1.



□

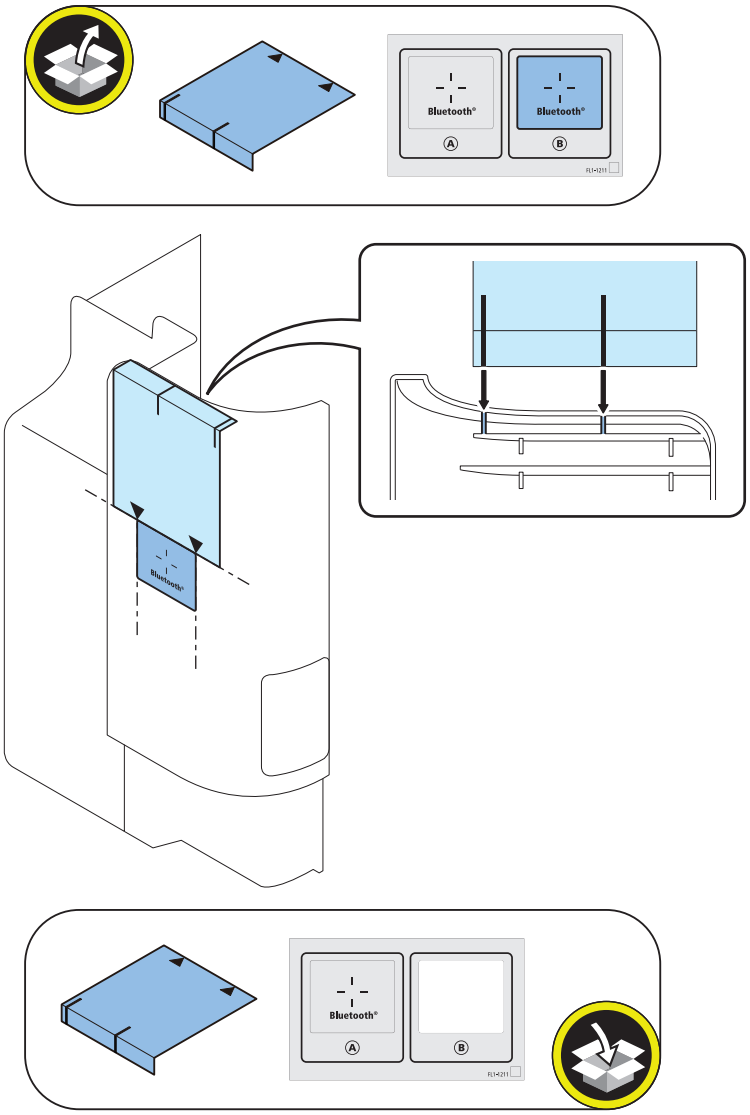
2.



□

3.

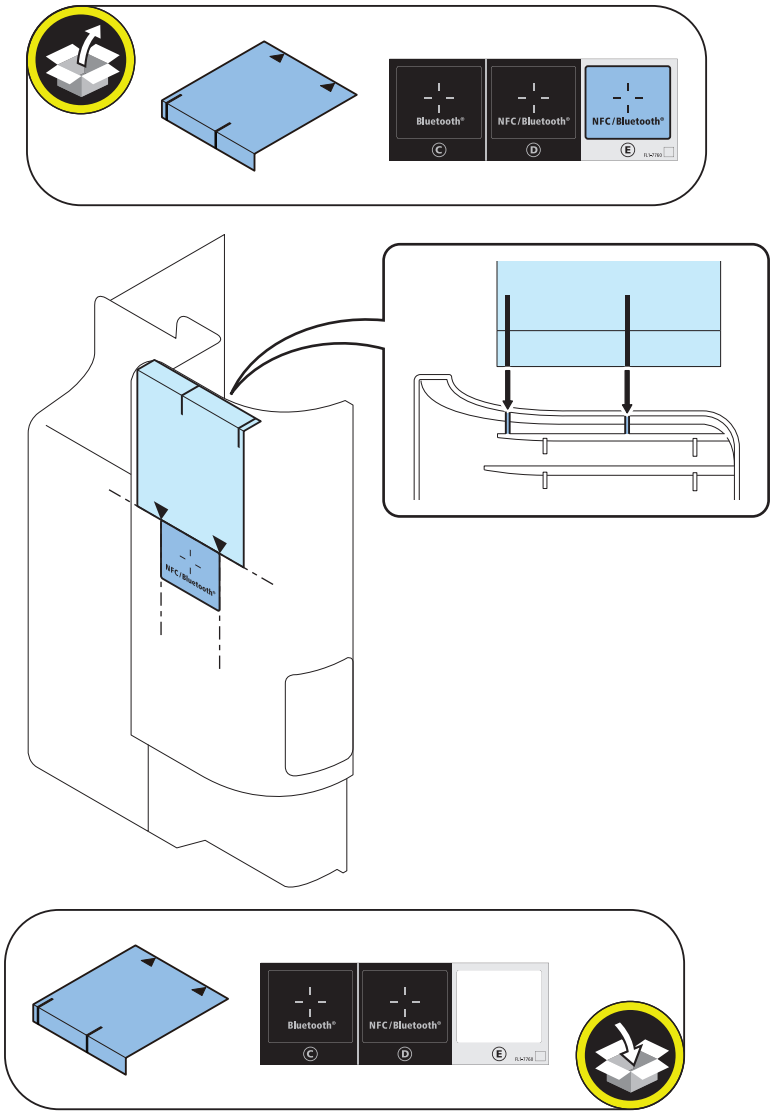
<For Connection Kit for Bluetooth LE>



□

4.

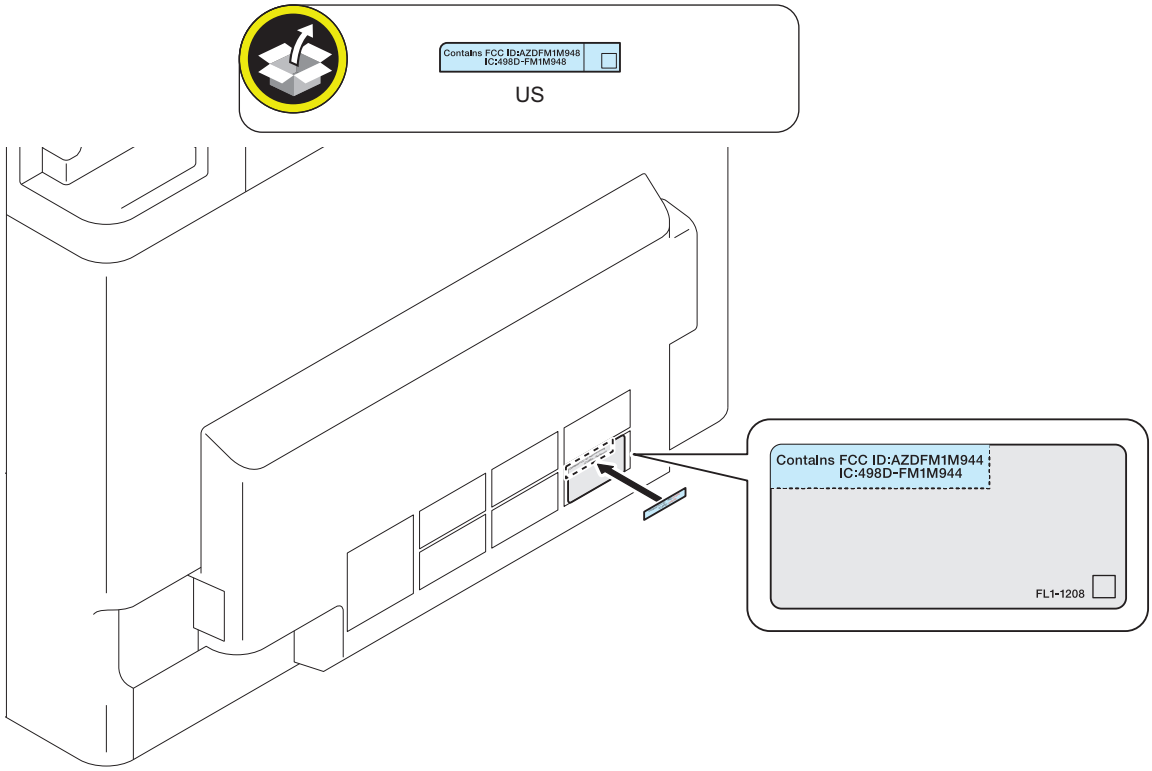
<When the NFC Kit is installed>



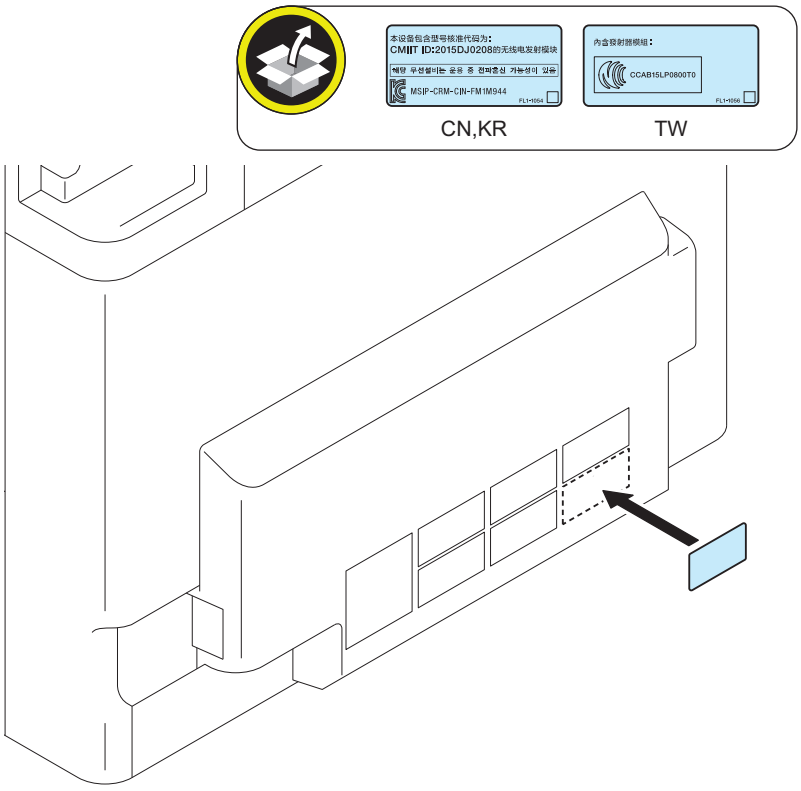
5.

NOTE:
In countries other than the following countries, it is not necessary to affix the Approval Label.

< For US >



< For KR, and TW >



□

6. Installing the covers removed in the previous step.

Setting after Installation

□

1. Connect the power plug of the host machine to the outlet.
2. Turn ON the main power switch.
3. Enter service mode, and set the value to "1".
   COPIER >FUNCTION > INSTALL > BLE-USE

NOTE:
When [System Manager Information Settings] is set, it is required to log in as a system manager in accordance with instructions of the user administrator.

4. Select [Settings/Registration] > [Preferences] > [Network] > [Confirm Network Connection Setting Changes], and set the item [ON].
5. Select [Settings/Registration] > [Preferences] > [Network] > [Bluetooth Settings] > [Use Bluetooth] > [ON].
6. The message "Perform Apply Setting Changes from Settings/Registration" appears at the bottom of the Touch Panel Display.
7. Press [Settings/Registration] > [Apply Setting Changes] > [Yes].

Protection Profile for Hardcopy Devices Adaptive Installation Procedure

Installation Overview

Following description is a setting procedure in order to match IT security requirements"Protection Profile for Hardcopy Devices" of MFP machine for Canon imageRUNNER ADVANCE DX C5800 series product.

- This setting procedure is a work procedure to carry out when this product is provided to a customer who specially wishes to use "Protection Profile for Hardcopy Devices" in the state at the time of CC certification (HCD-PP) evaluation (firmware).
- "Canon imageRUNNER ADVANCE DX C5800 series" is described as the targeted product in this setting procedure. Detailed targeted product is shown in the "imageRUNNER ADVANCE DX C5800 Series is a necessary product to provide in the state at the time of CC certification (HCD-PP) evaluation."
- Confirm the contents of administrator and "Version and confirm structure" when this product is provided.
- After completing this setting procedure, setting change to match with "Protection Profile for Hardcopy Devices" is explained in the attached "Administrator guide" and can be done by the administrator according to the user environment.

■ imageRUNNER ADVENCE DX C5800 Series is a necessary product to provide in the state at the time of CC certification (HCD-PP) evaluation.

☐ Canon imageRUNNER ADVANCE DX C5800 Series Host Machine
iR-ADV C58970KG/C58960KG/C58950KG/C58940KG/C5870i/C5860i/C5850i/C5840i

☐ Super G3 FAX Board-AX1

Check visually if there is any traces of changing parts or falsification for the above hardware.

☐ PS Printer Kit-BE1 (Australia/Asia/South Korea))

■ 1. Installing the Hardware

☐ Installing the Host Machine
Installing the Host Machine (Refer to imageRUNNER ADVANCE DX C5800 Series Installation manual.)

☐ Super G3 FAX Board-AX1 (Refer to imageRUNNER ADVENCE DX C5800 Series Installation manual > Host Machine Options > Super G3 FAX Board-AX1.)

■ 2. Installing the System during CC certification(HCD-PP) evaluation

☐

1. **Install the certification evaluated version of the firmware by following the procedure**
   "Refer to the system service manual for imageRUNNER ADVANCE V3.12 in firmware management"

   Evaluated firm version when CC certification of "Protection Profile for Hardcopy Devices" for Canon imageRUNNER ADVANCE DX C5800 series is obtained is V6.19.

CAUTION:
The device is reset to the initial state with the CC certification firmware installed and information set to the device is initialized.

☐

2. **Execute initialization of HDD and setting values.**
   1. Set to prepare for initialization of HDD.
      - COPIER > FUNCTION > SYSTEM > CHK-TYPE:"0" (Specifies all partitions)
      - COPIER > FUNCTION > SYSTEM > HD-CLEAR:"1"

      * The HDD formatting is executed when the next step of "Delete setting values" is implemented.

   2. 2. Delete setting values.
      - COPIER > FUNCTION > CLEAR > MN-CON

      * Press the "OK" button to restart the device and delete setting values and format the HDD.
      * If executed immediately after the firmware installation, it may take several minutes to restart.

   3. If the instruction appears on the screen during the restart, follow the instruction on the screen to turn OFF and then ON the main power switch.

■ 3. License Certification

Enable all the following licenses.
☐ PS Printer Kit-BE1 (Australia/Asia/South Korea)
In order to activate the license, follow the instructions showing on the screen to cycle the power of the host machine.

■ 4. Prohibit the web browser display function from Prohibition for the function which is not evaluated

☐

1. **Prohibition setting for Web browser function**
   Prohibit the web browser display function from Service Mode.
   - In COPIER > OPTION > FNC-SW > PSWD-SW (Level 2), change the value from "1" to "0".

■ 5. Settings for service mode password

☐

1. **Specify the type of password to be used when getting into service mode.**
   In COPIER > OPTION > FNC-SW > PSWD-SW, change the value from "0" to "2".

☐

2. **Set the password for service engineers to enter when getting into service mode.**
   COPIER > OPTION > FNC-SW > SM-PSWD (Level 2)
   Setting range:1 to 99999999

CAUTION:
- The password for service technicians should be managed by the service technician in a responsible manner.
- Be sure to request user administrator to manage the System Manager PIN.

☐

3. **Enter service mode, and check that the new password is valid.**
   In order to enter service mode, System Manager ID and System Manager PIN need to be entered.

NOTE:
The type of password and the password for service engineers settings may be initialized as a result of a service work. In that case, set the type of password and the password for service engineers again.

■ 6.Checking the Version and Configuration

1. **Check that the following version matches with the version described in the version when CC certification.**

   ☐**<Controller version>**

   619.XXXX.xxx *
   * "XXXX" differs depending on your system environment.

2. **Counter check screen > Device configuration check.**
   Check that the following options are displayed.
   ☐ Super G3 FAX Board-AX
   ☐ PCL
   ☐ PS

■ Information to be provided to the customer upon delivery of the host machine

● Inform that this host machine has obtained CC certification under HCDPP standard.

This host machine was installed according to the configuration evaluated and certified by CC certification.
This host machine is a CC-certified MFP host machine of Canon imageRUNNER DX C 5800 with FAX & PDL.
* Please inform the model name parchased such as C5870i/C5850i.
* With FAX & PDL indicates that both the fax function and the PCL and PS functions can be used, and this is an evaluated and certified configuration.
If a newer version of the firmware is installed rather than the CC certified version, add as follow:
“However, strictly speaking, this is different from the state, CC certification was acquired, since the operation is run with newer firmware than when certification was acquired.
Please be aware that this is to improve functionality and operational stability.”

● Provide how to obtain and configure guidance

When CC certification is obtained, the user mode setting is changed to satisfy the standard of the security function.
Inform that the user mode changes are described in the administrator's guide.
“User mode settings are described in this manual to meet the security features of HCDPP standard.
imageRUNNER ADVANCE DX C5800 series
Protection Profile for Hardcopy Devices adaptive
Security Settings Administrator Guide
This document can be downloaded from our company documentation publishing website “https://oip.manual.canon/”.”
Inform that setting is performed by the device administrator since it is related to the security setting due to HCDPP standard.
Inform that setting change is performed by the device administrator since it is related to the security setting due to HCDPP standard.
Refer to [Set this host machine available for HCD PP] in the downloaded Administrator's Guide.”
* If the service operator is given the administrative rights temporally by the device administrator, setting is available as an administrator.

● Points to Note for Servicing Work after Setting

Service person’s operations are partially restricted after setting. Inform that there will be a request to lift the restrictions in the future service work.
“Once administrator guide is set, some service operations are restricted.
Please support in case of the partial setting change or additional ID input during service work.

- Releasing Setting Registration - Device Management - Restrict Services Operations
- Releasing Settings/Registration- Device Management- Restrict Special Mode Operations

- Input "System Manager ID” “ System Manager PIN" when transferring to the service mode.

After the service person's work, be sure to change back the settings for Restrict Services Operations and Restrict Special Mode Operations, and also be sure to check if the setting in the administration guide is changed or not.”

■ Points to Note at Servicing Work

- After setting the above, the operation restriction and the special mode use restriction for the service in charge become effective, hence, request the administrator about the user mode change as needed when the maintenance time.
- Ask the administrator to enter "System Manager ID - System Manager PIN" when entering to the service mode. When entering or leaving the service mode frequently during work, with the permission of the administrator, temporarily release the mode (items set in 5-1) of the service mode password and work, and be sure to return the setting after work.
- After the maintenance, inform the administrator of changing back the operation restriction and the special mode use restriction for the service in charge and also checking if the setting in the administration guide is changed or not.

■ Tasks that may be required at a later date

<< Clear Disk Encryption Key>>

Assumed Implementation Case)
- This is intended to be implemented at the request of an administrator concerned about the leakage of remaining data in the SSD when the host machine is leased back or disposed of, or when there is an organization change or layout change.

Function and Effect)
- This function satisfies the key destruction requirements required by HCDPP.
- Clear the Encryption key used in the disk encryption chip and generate a new key.
- SSD of the host machine is initialized in order to access with the new key and the saved settings and data are deleted.
- After implementation, it starts with the main machine settings initialized.

Caution)
- This task is prosecuted by the administrator's request.
- Get the administrator's consent about the data stored in the SSD of the host machine will be erased.
- Do not specify this operation together with the user mode "Initialization of all settings and data".
- This process takes about one hour on a standard SSD.

Procedure to Clear Disk Encryption Key)
SM) COPIER > FUNCTION > CLEAR > KEY-HCD (Level 2)
By restarting the host machine after setting, the key is cleared, a new key is generated, and the SSD of the host machine is initialized.

5 Paper Feed Options

Cassette Feeding Unit-AQ1..... 320
High Capacity Cassette Feeding Unit-C1.....341
Cassette Heater Unit-42.....365
Paper Deck Unit-F1.....386
Paper Deck Heater Unit-C1..... 413

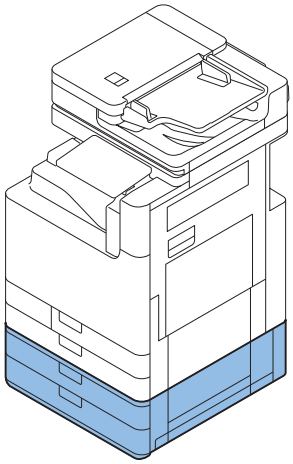
Cassette Feeding Unit-AQ1

Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F275109

Installation Outline Drawing



Unpacking

□

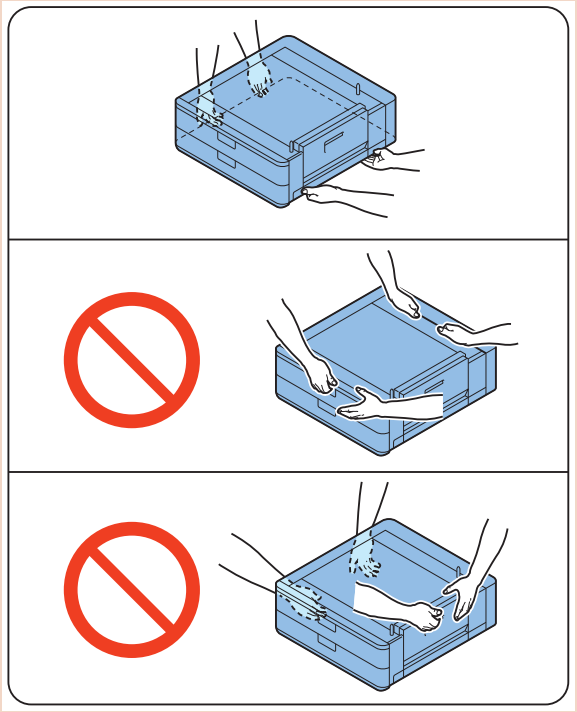
1. Unpack this equipment.

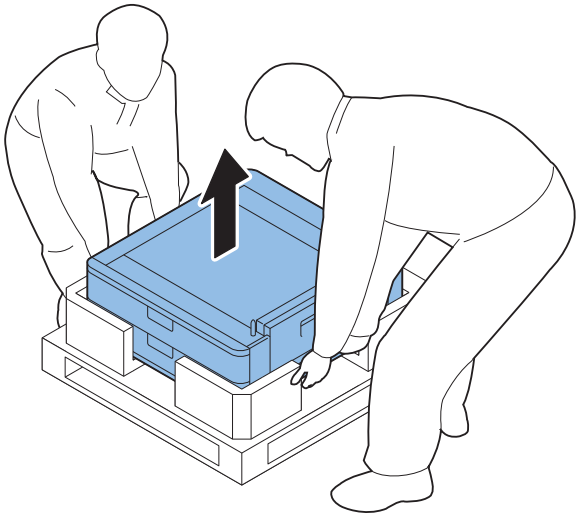
NOTE:
Remove the packing materials.

□
2.

⚠ CAUTION:

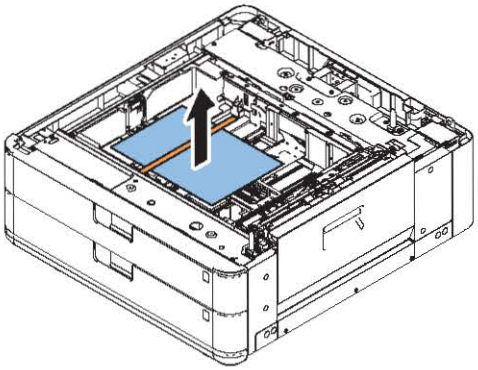
- When lifting this equipment, be sure to firmly grip the bottom of both sides (left and right).
- Holding the machine by any portion other than those indicated may result in injury or damage.





□

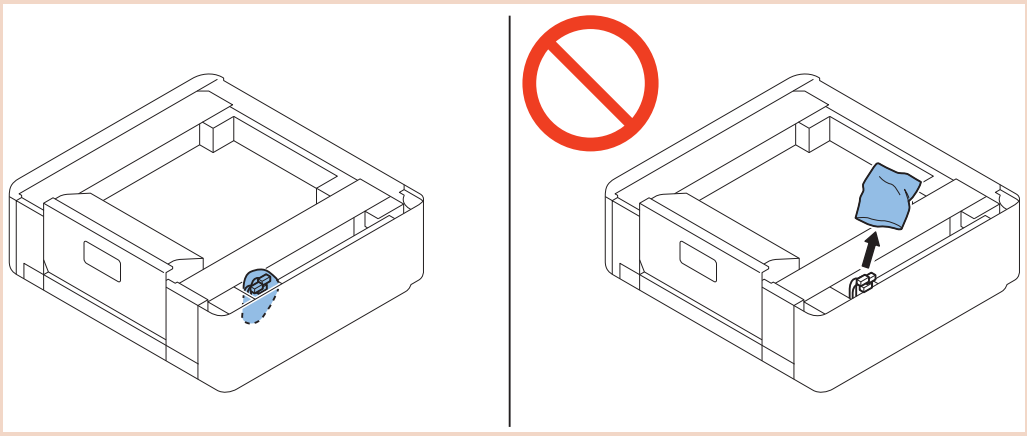
3.



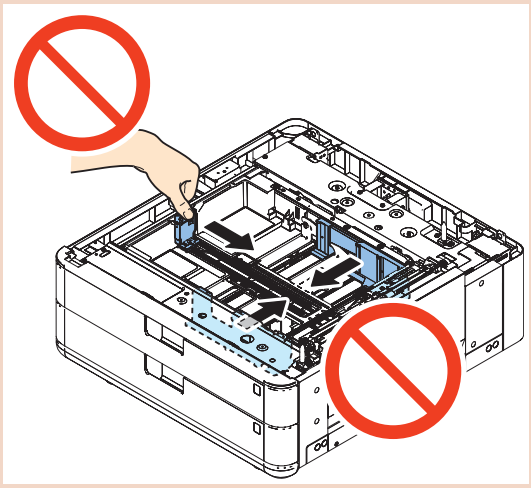
☐

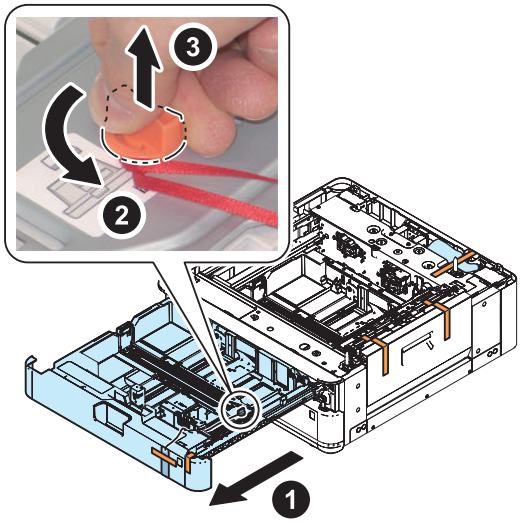
4. **Remove all the tapes and packaging materials from the cassette 3 and the cassette 4.**

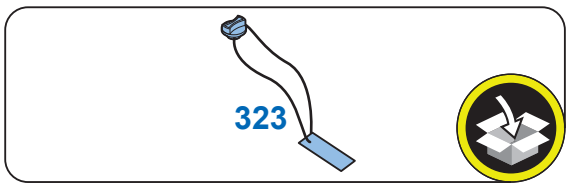
CAUTION:
Do not remove packaging for cables.



CAUTION:
Do not operate the Trail Edge Guide Plate/Side Guide Plate without pulling out the cassette. Otherwise, it may be damaged.



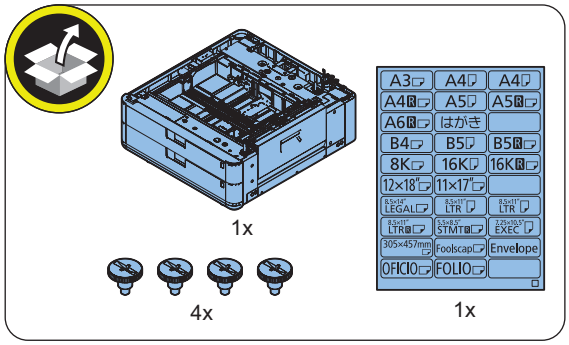




□

5. **Close the Cassette.**

Checking the Contents



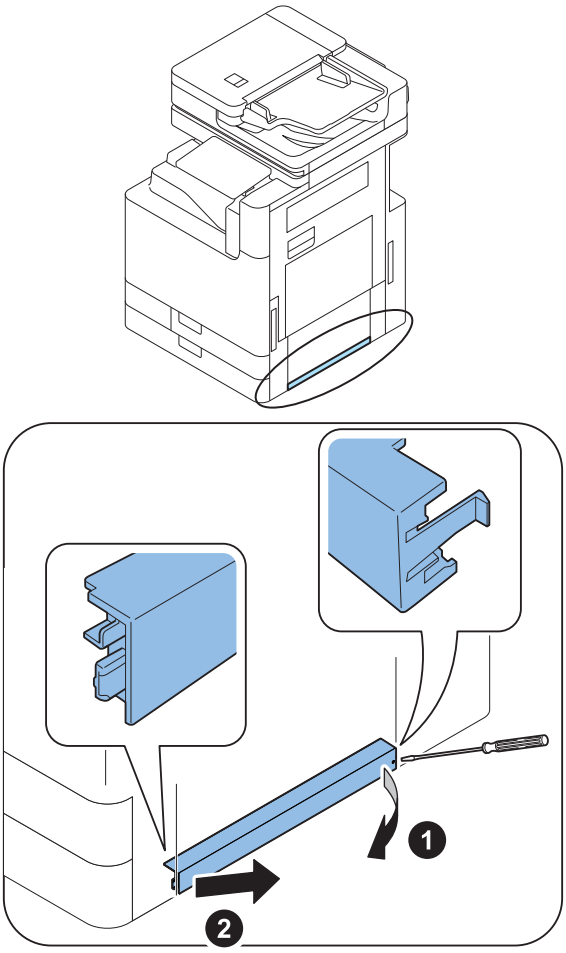
Installation Procedure

■ Preparation of the Host Machine

□

1.

NOTE:
If there is a Right Lower Cover (Lower), remove it.



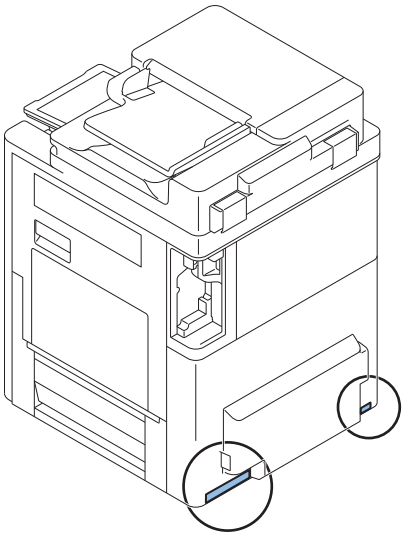
NOTE:
Do not use the removed cover.

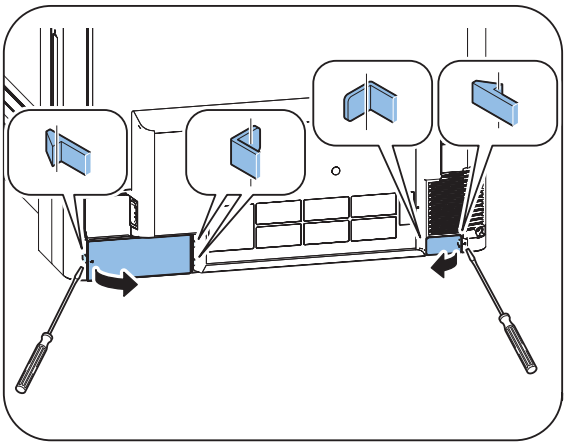
□

2.

NOTE:
If there are Connector Cover and Coinbis Cover, remove them.

CAUTION:
If the Connector Cover is not removed, the Connector Cover may be damaged.

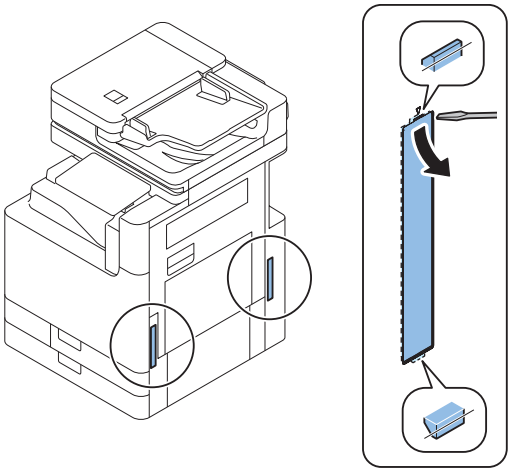




□

3.

NOTE:
If there are Handle Covers, remove them.

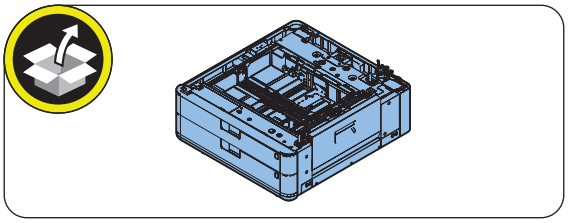


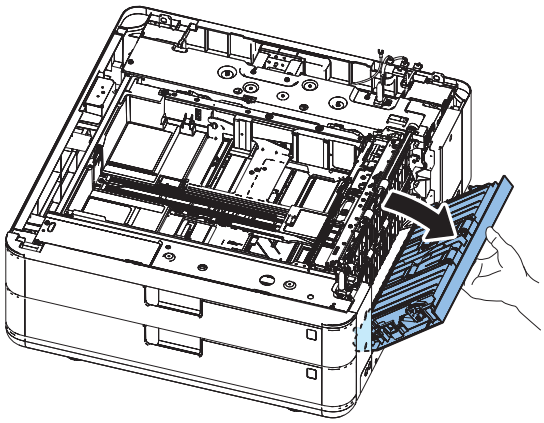
■ Installing the Cassette Feeding Unit

□

1.

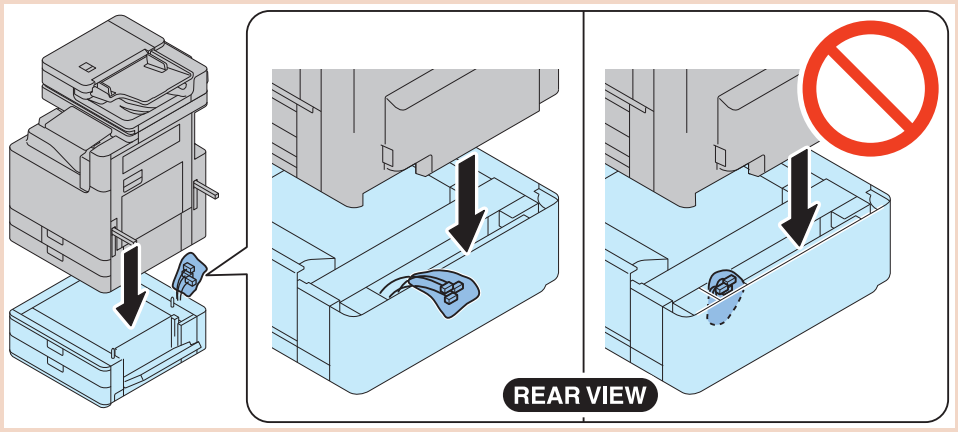
CAUTION:
Be sure to open the Cassette Right Lower Cover when placing the Host Machine; otherwise, it may be damaged.



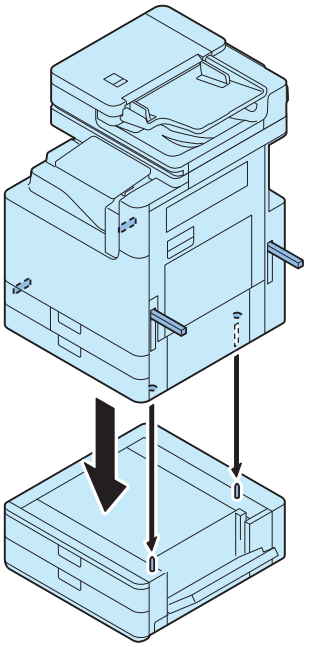


□
2.

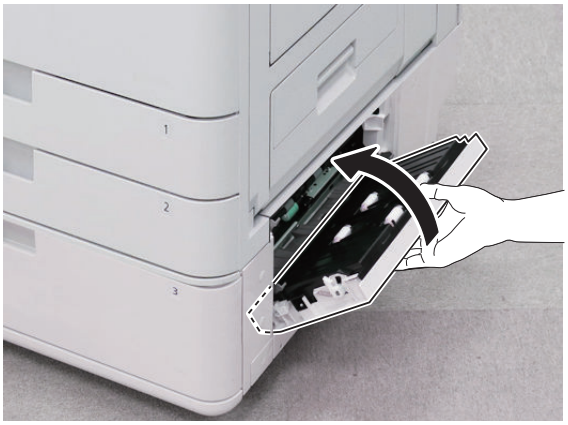
CAUTION:
Do not install the Host Machine with the cable inside the cover.



CAUTION:
- When mounting the host machine to the equipment, be sure to move the host machine parallel and fit the 2 Positioning Pins on top of the equipment into the holes on the Base Plate of the host machine.
- The host machine weighs maximum 106 kg. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- Be sure to keep the machine leveled when lifting it.

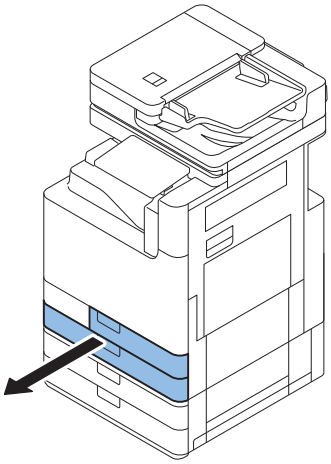


□
3.



□
4.

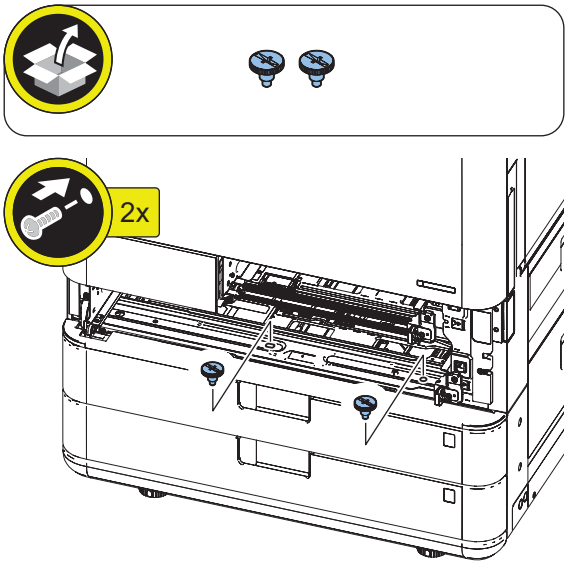
NOTE:
Remove the Cassettes.



□

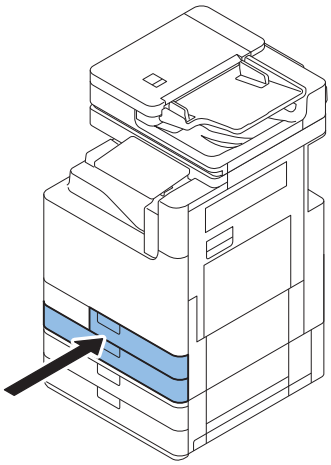
5.

CAUTION:
- Securely tighten the coin screw with a stubby screwdriver or a coin.
- Do not drop the screw when fixing it on the rear side.

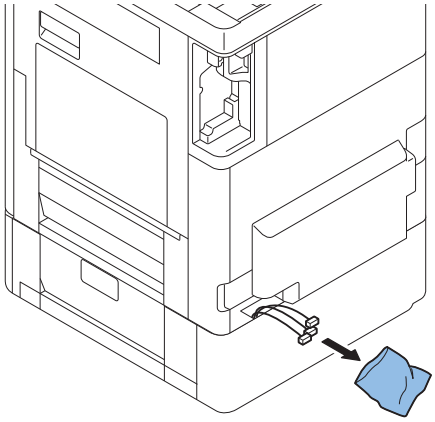


□

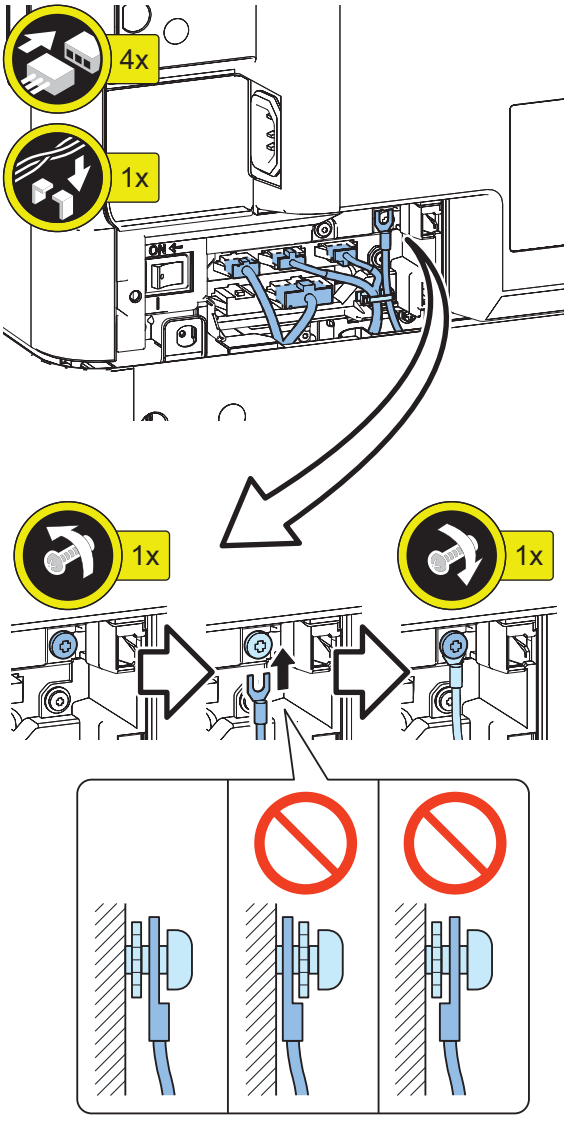
6.



☐
7.

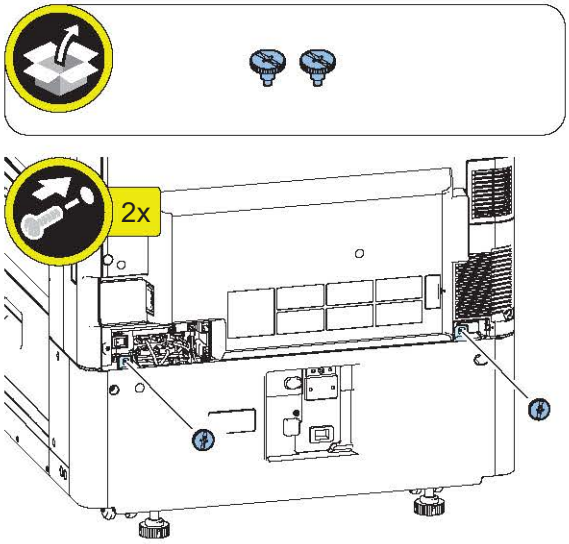


☐
8.



□

9.

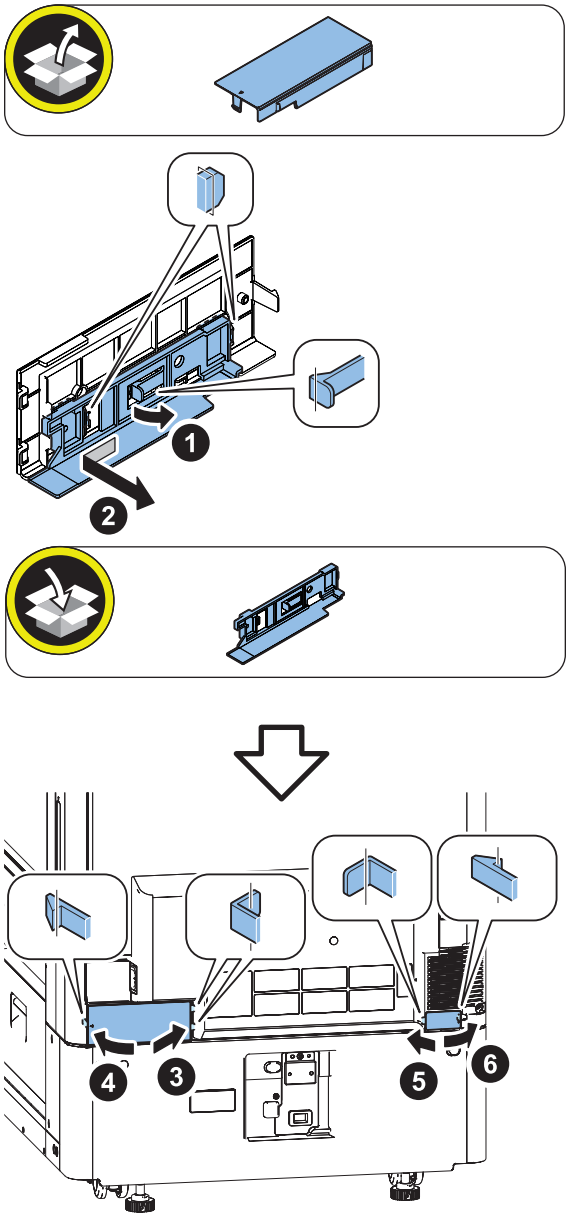


□

10.

NOTE:
Installing the covers removed in the previous step or parts included with the host machine.

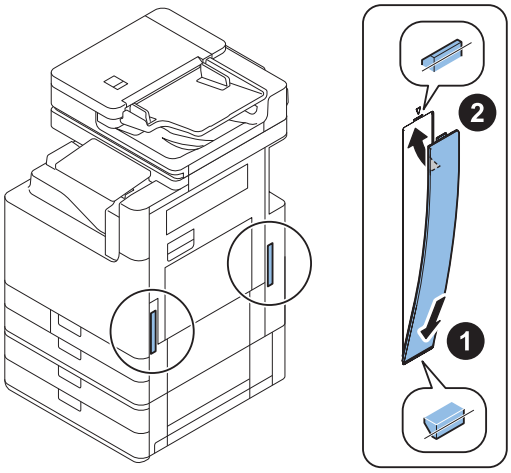
CAUTION:
Remove the connector cover 2 from the connector cover.



□

11.

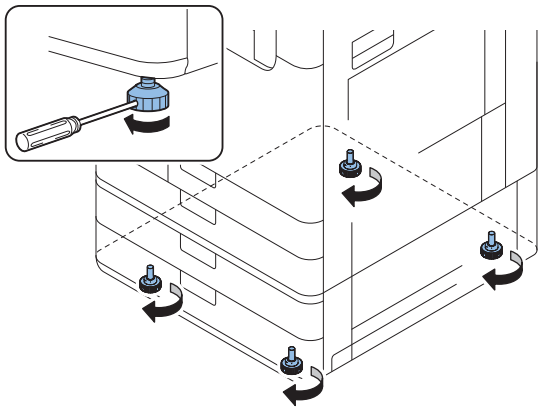
NOTE:
Installing the covers removed in the previous step or parts included with the host machine.



□

12.

NOTE:
- Move the host machine to the installation position, and rotate the 3 adjusters clockwise by hand to secure the host machine in place.
- Be sure to secure it in place to prevent overturning.
- Securing of the adjuster is not earthquake resistant.



□

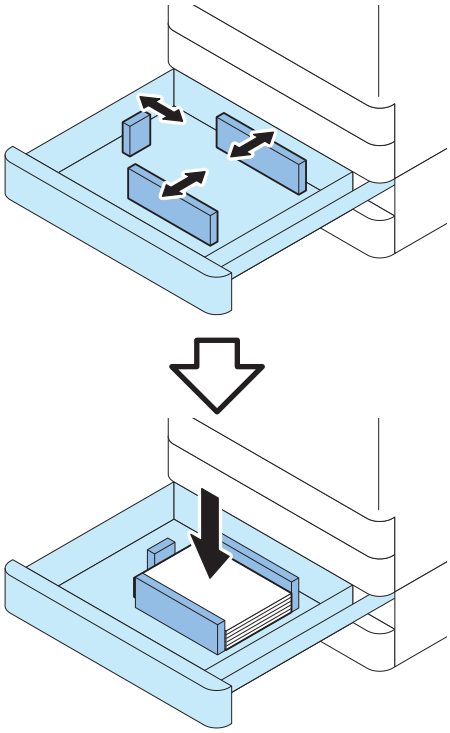
13. Insert the power plug into the power plug outlet, and turn ON the main power switch.

Setting the Cassette

□

1.

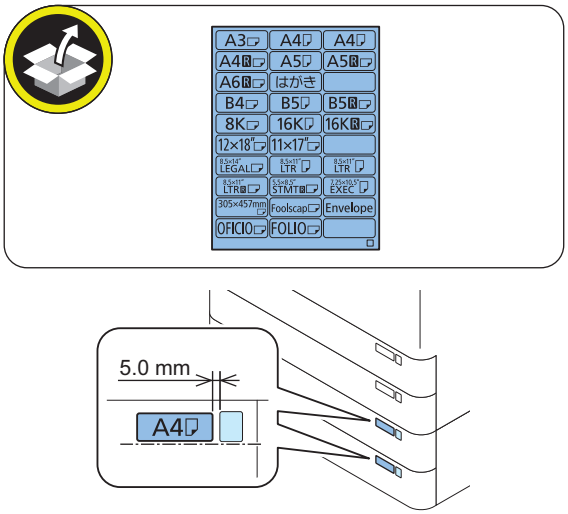
NOTE:
- Holding the Guide Plate Lever, adjust each Guide Plate to the specified size.
- Adjust the position of each Guide Plate according to the paper size.



□

2.

NOTE:
- Keep the Paper Size Label for use when changing paper size.
- Affix the Cassette Size Label matching to the loaded paper size.
- Store the Paper Size Label as it is used when paper is changed.



Adjustment

■ Image position adjustment

NOTE:
- Adjusting the 1st side also changes the margin on the 2nd side.
- The left/leading edge adjustment of the 2nd side is a difference adjustment between the 1st side and the 2nd side.
- If the difference between the 1st and the 2nd sides is +/- 0.5 mm or less, do not adjust the 2nd side.

Standard value

Leading edge: 4.0 + 1.5/ -1.0 mm (front side, back side)
Left edge: 2.5 + / -1.5 mm (front side) / 2.5 + / -2.0 mm (back side)

□

1. Set the following values for the service modes.

COPIER > TEST > PG > TYPE = 5
COPIER > TEST > PG > COLOR-K = 1
COPIER > TEST > PG > COLOR-Y/M/C = 0 (Set only the color machine)
COPIER > TEST > PG > 2-SIDE = 1
COPIER > TEST > PG > PG-PICK = each of the paper sources

□

2. Press the Start key.A test print (2-sided print) is output from each paper source.

3. **Check the output test print.**

NOTE:
- At 2-sided printing, paper is output with the 1st side up and 2nd side down.
- When checking the leading edge margin on the 1st side, check the up side of paper, and check the margin on the rear side with respect to the feed direction.

☐

4. **If the margin is not within the standard values, perform the adjustment of each cassette in the following order:**

CAUTION:

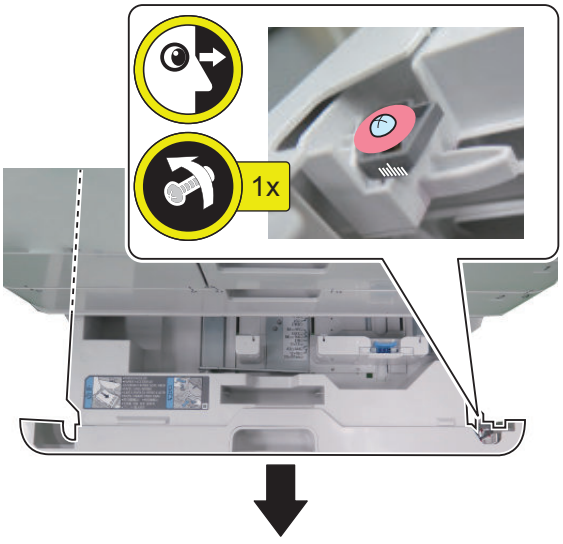
Order	Cassette 3/4
1	Mechanical Adjustment
2	Software Adjustment

■ Margin Adjustment (Mechanical Adjsutment)

☐

1.

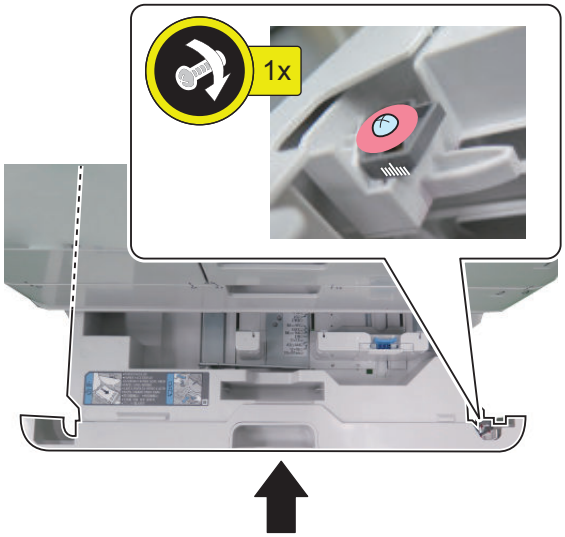
NOTE:
- Pull out the cassette.
- Check the scale positions on the spacer Adjustment Plate.
- Loosen the fixing screw.
- As moving the adjusting plate toward the rear by 1 scale, the left edge margin becomes 1.0 mm smaller.



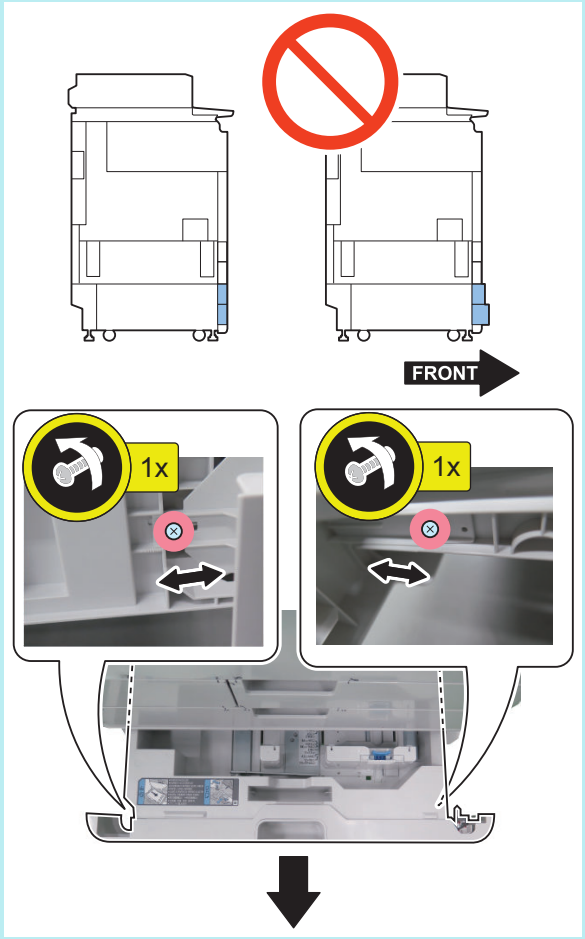
□

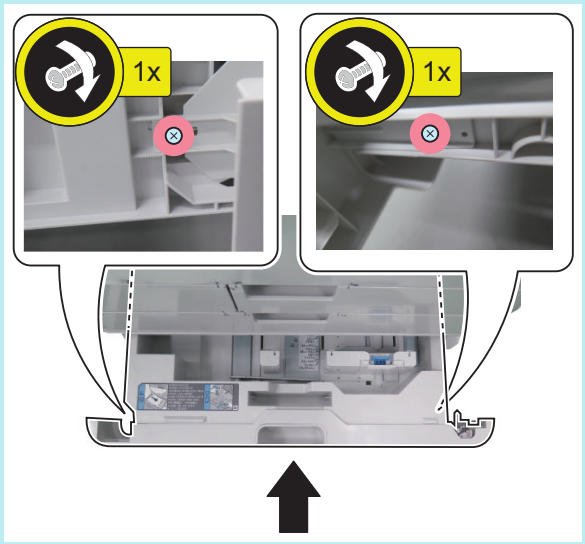
2.

NOTE:
- Tighten the fixing screw.
- Return the cassette to its original position.
- Make copies using the Cassette 3 and 4, and check that the left edge margin : 2.5±1.5 mm(First side) /2.5±2.0 mm(Second side).



NOTE:
When the cassette positions are uneven due to the mechanical adjustment, adjust them by loosening the screw on both left and right sides.





■ Margin Adjustment (Software Adjustment)

□

1. Leading edge

Use the following service mode to make an adjustment.

- REGIST: 1/1 speed, front side
- REG-DUP1: 1/1 speed, back side
- REG-THCK: 1/2 speed, front side
- REG-DUP2: 1/2 speed, back side

As the input value is changed by 1, the margin on the left edge of paper is changed by 0.1 mm.

□

2. Left edge

Use the following service mode to make an adjustment.

- ADJ-C3/ C4 : front side
- ADJ-C3RE/ C4RE : back side

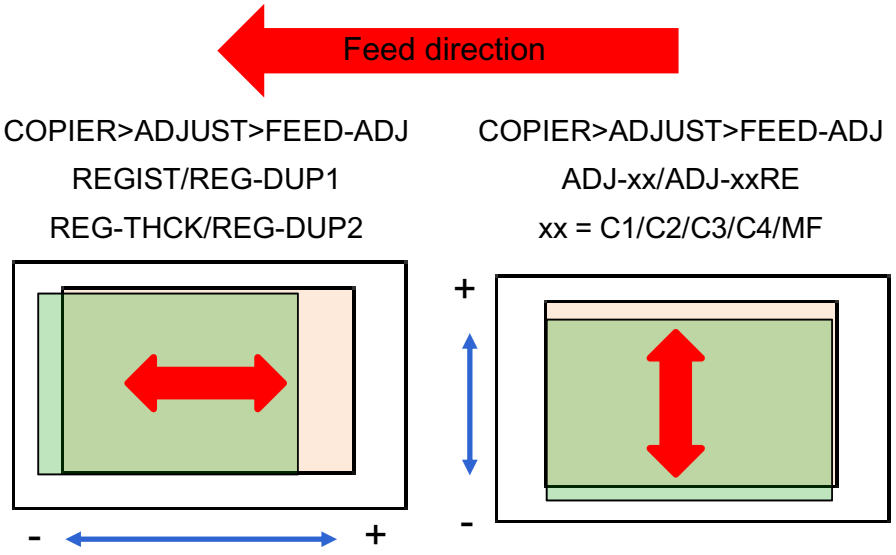
As the input value is changed by 1, the margin on the left edge of paper is changed by 0.1 mm.

□

3. If the service mode setting value has been changed, write down the new adjustment value on the service label.

Standard value

- Leading edge: 4.0 + 1.5/ -1.0mm (front side, back side)
- Left edge: 2.5 ± 1.5mm (ront side) / 2.5 ± 2.0mm (back side)



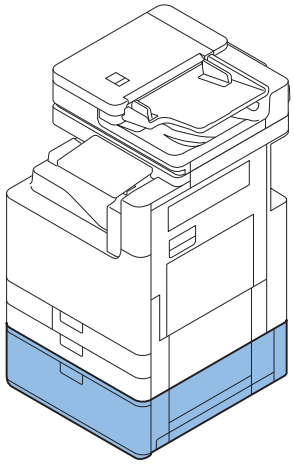
High Capacity Cassette Feeding Unit-C1

Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F711303

Installation Outline Drawing



Unpacking

□

1. Unpack this equipment.

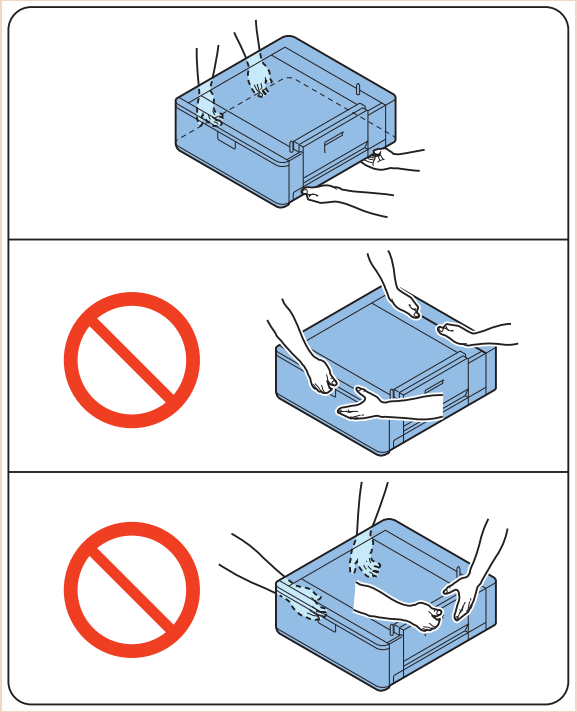
NOTE:
Remove the packing materials.

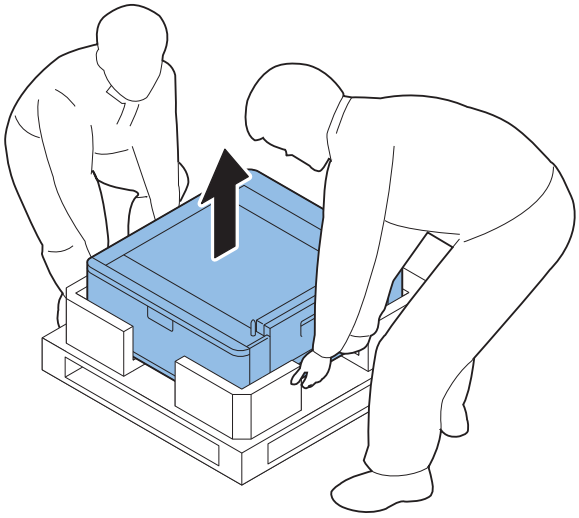
□

2.

⚠ CAUTION:

- When lifting this equipment, be sure to firmly grip the bottom of both sides (left and right).
- Holding the machine by any portion other than those indicated may result in injury or damage.

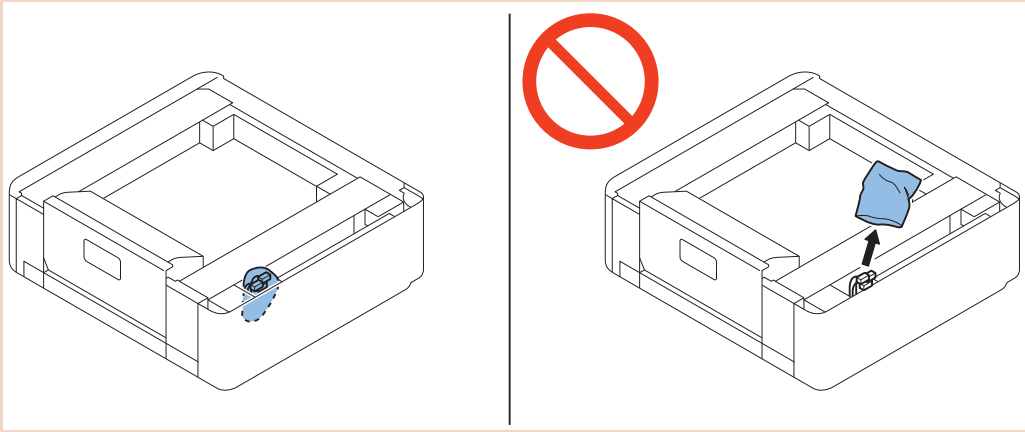


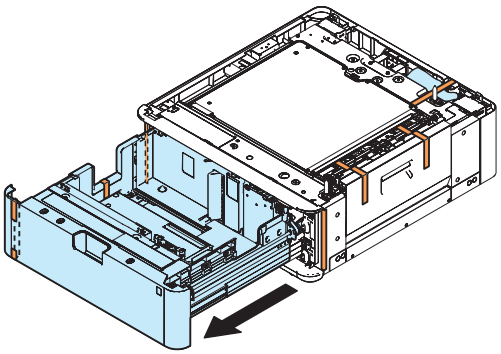


☐

3. **Remove all the tapes and packaging materials from the cassette.**

CAUTION:
Do not remove packaging for cables.

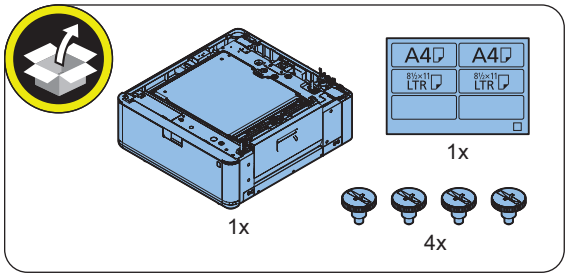




☐

4. **Close the Cassette.**

Checking the Contents



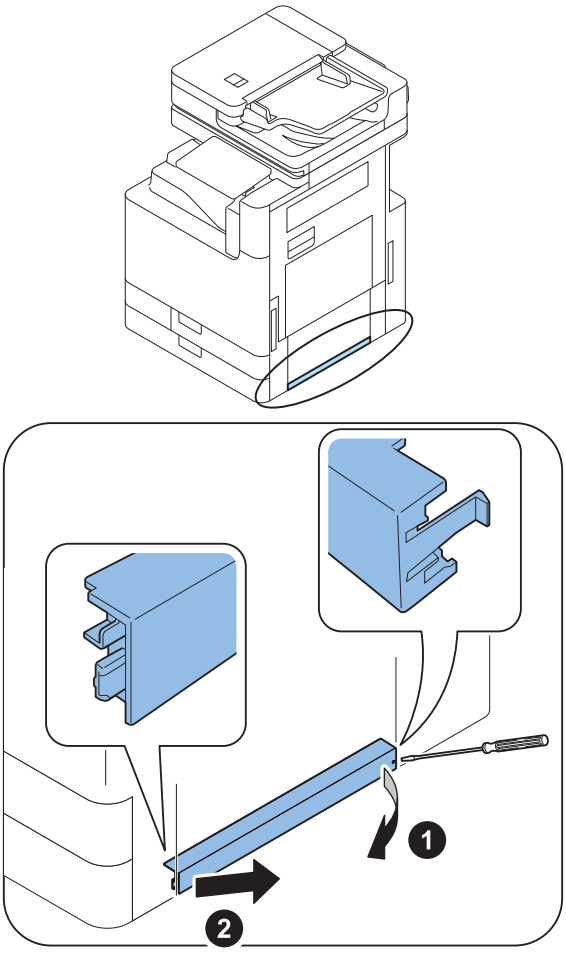
Installation Procedure

■ Preparation of the Host Machine

□

1.

NOTE:
If there is a Right Lower Cover (Lower), remove it.



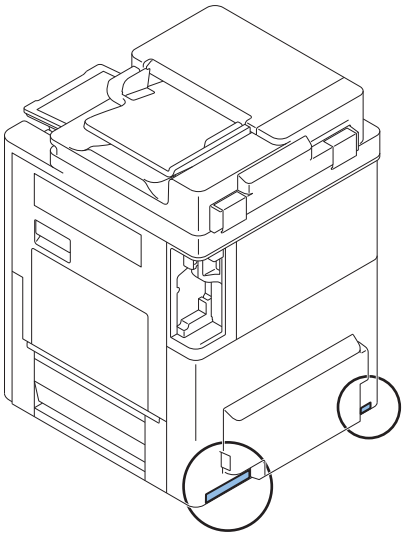
NOTE:
Do not use the removed cover.

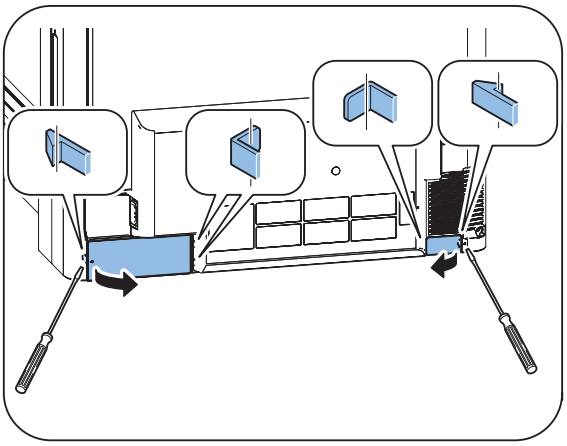
□

2.

NOTE:
If there are Connector Cover and Coinbis Cover, remove them.

CAUTION:
If the Connector Cover is not removed, the Connector Cover may be damaged.

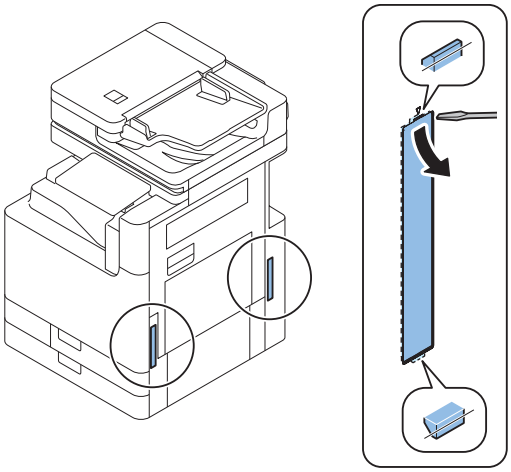




□

3.

NOTE:
If there are Handle Covers, remove them.

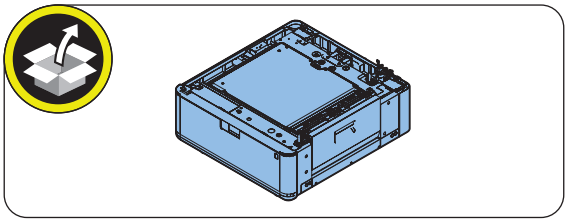


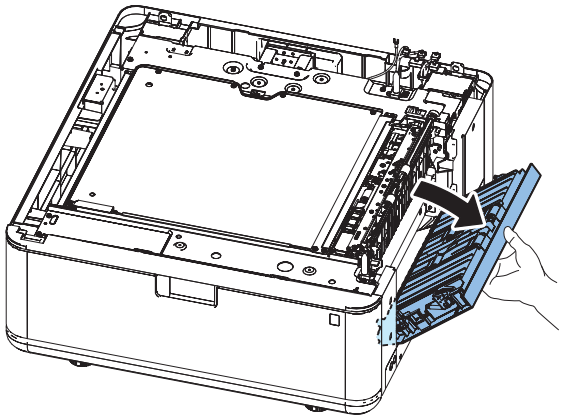
■ Installing the High Capacity Cassette Feeding Unit

□

1.

CAUTION:
Be sure to open the Cassette Right Lower Cover when placing the Host Machine; otherwise, it may be damaged.

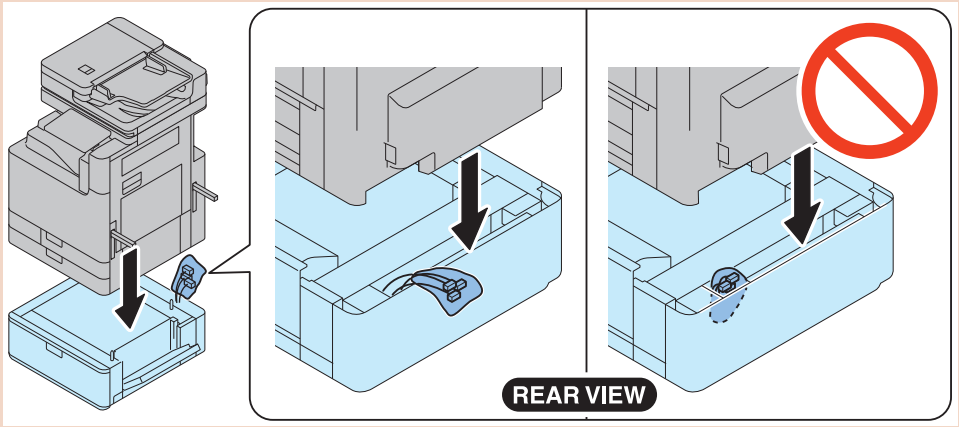




□

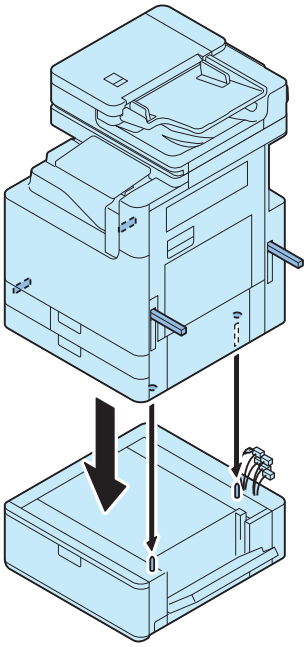
2.

CAUTION:
Do not install the Host Machine with the cable inside the cover.



CAUTION:

- When mounting the host machine to the equipment, be sure to move the host machine parallel and fit the 2 Positioning Pins on top of the equipment into the holes on the Base Plate of the host machine.
- The host machine weighs maximum 106 kg. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- Be sure to keep the machine leveled when lifting it.



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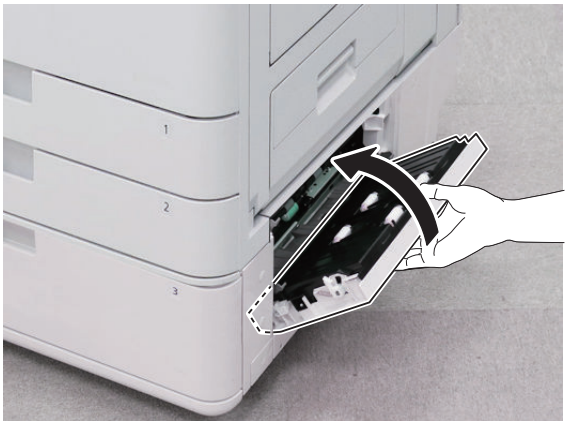
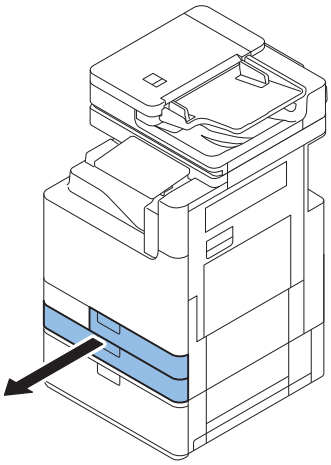
3.



□

4.

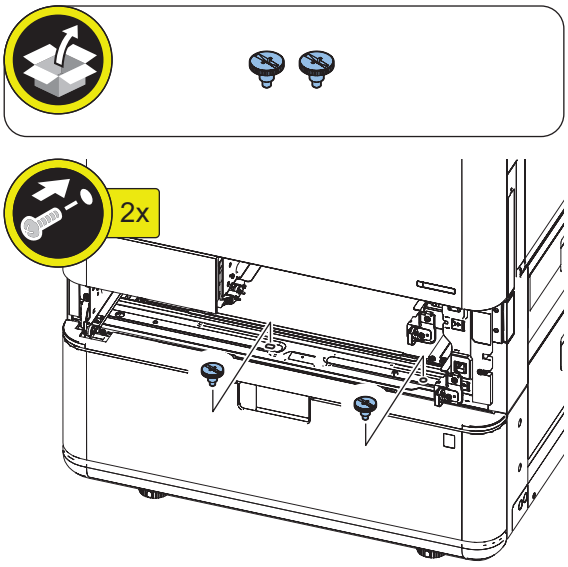
NOTE:
Remove the Cassettes.



□

5.

CAUTION:
- Securely tighten the coin screw with a stubby screwdriver or a coin.
- Do not drop the screw when fixing it on the rear side.



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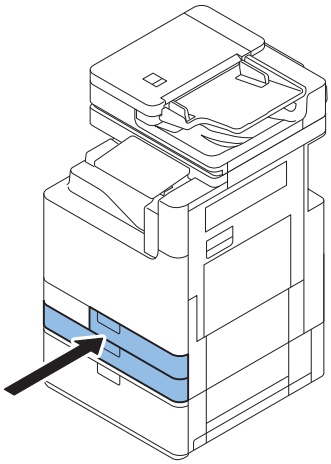
6.



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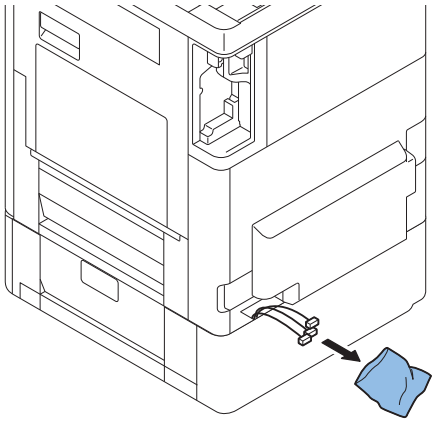
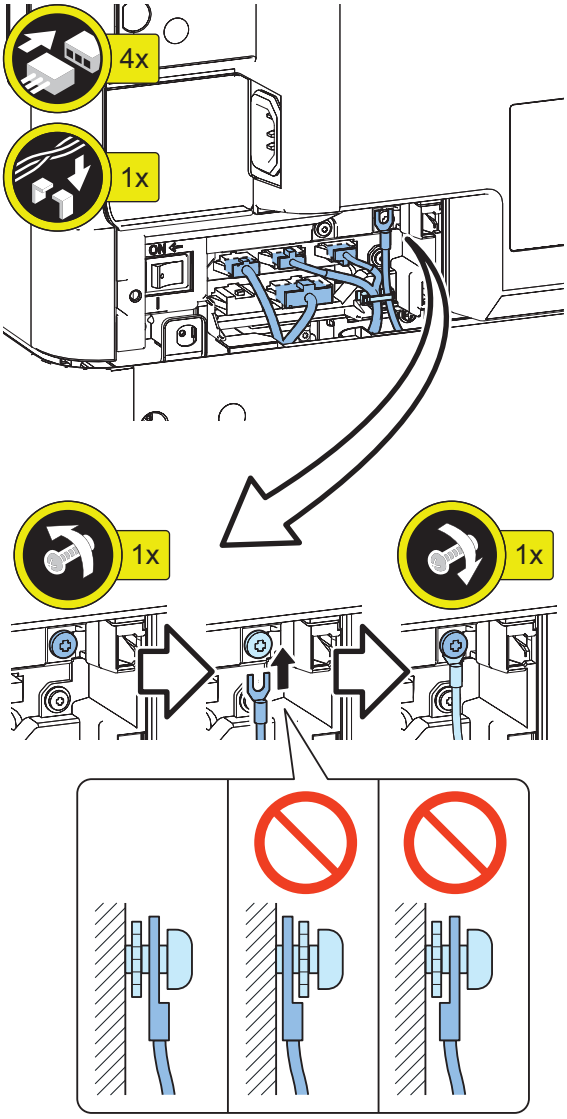
7.



☐

8.



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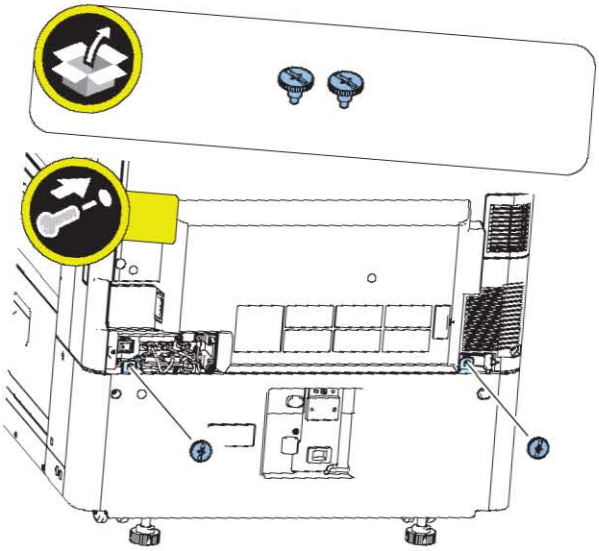
9.

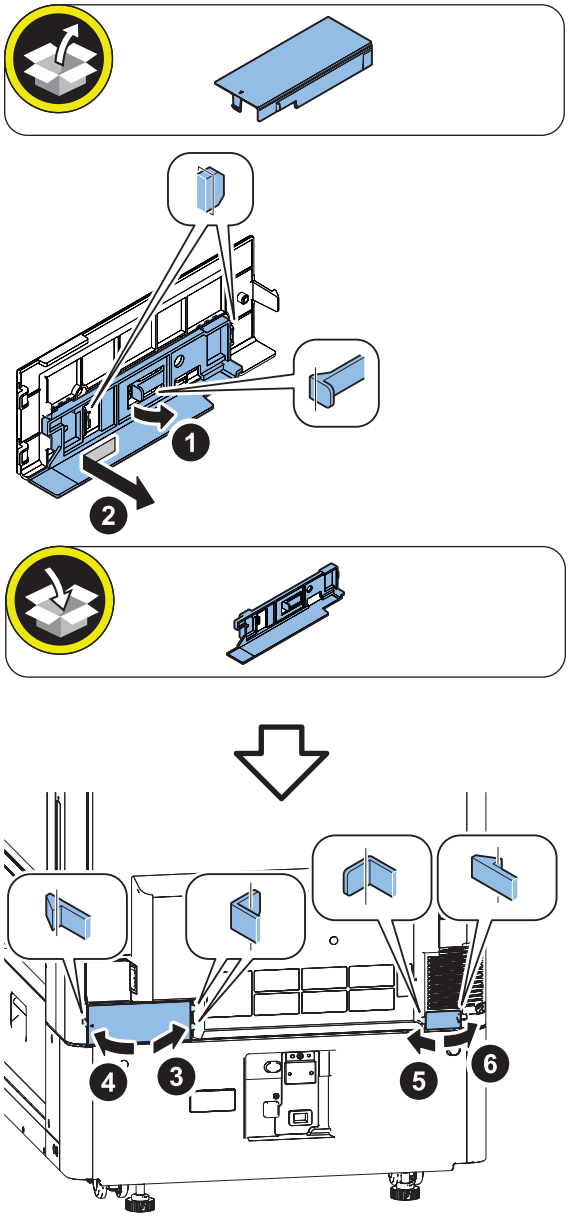


☐

10.

NOTE:
Installing the covers removed in the previous step or parts included with the host machine.

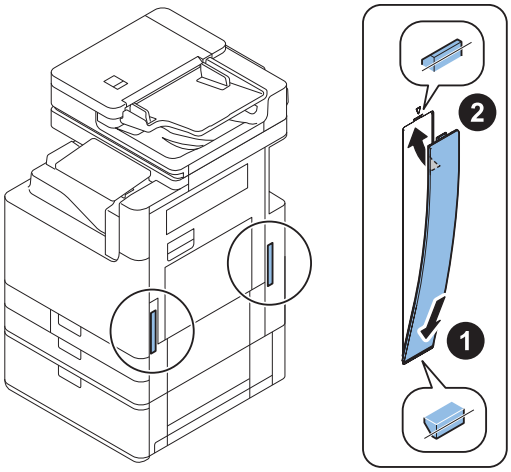
CAUTION:
Remove the connector cover 2 from the connector cover.



□

11.

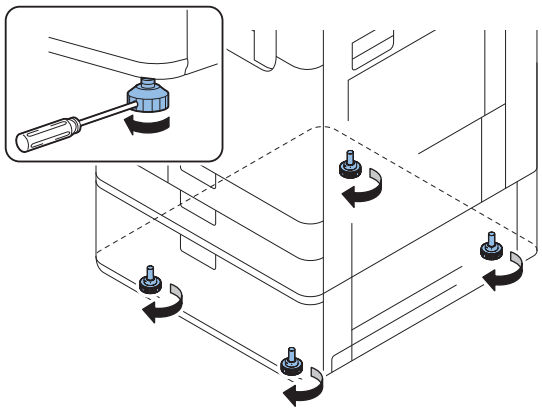
NOTE:
Installing the covers removed in the previous step or parts included with the host machine.



□

12.

NOTE:
- Move the host machine to the installation position, and rotate the 3 adjusters clockwise by hand to secure the host machine in place.
- Be sure to secure it in place to prevent overturning.
- Securing of the adjuster is not earthquake resistant.



□

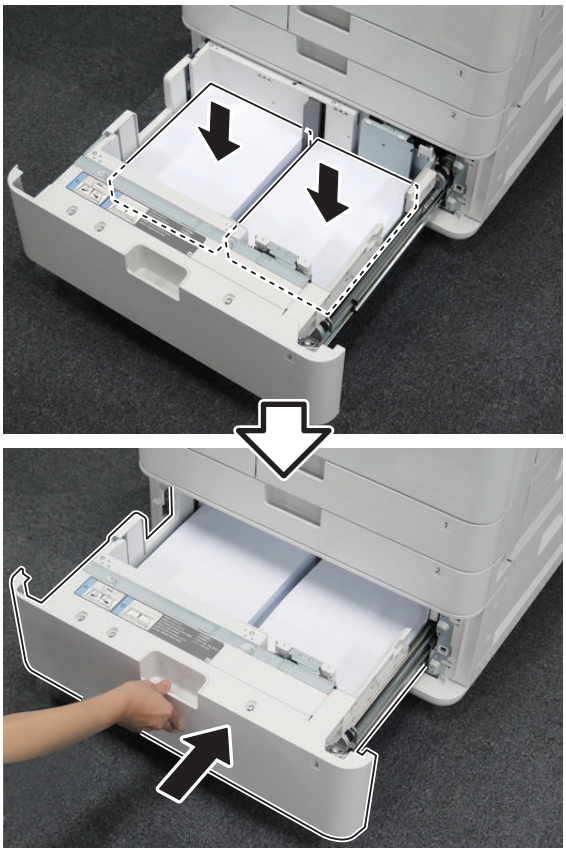
13. Insert the power plug into the power plug outlet, and turn ON the main power switch.

Setting the Cassette

NOTE:
To change the paper size of this equipment, refer to the Service Manual Chapter 5: Adjustment.

□

1.

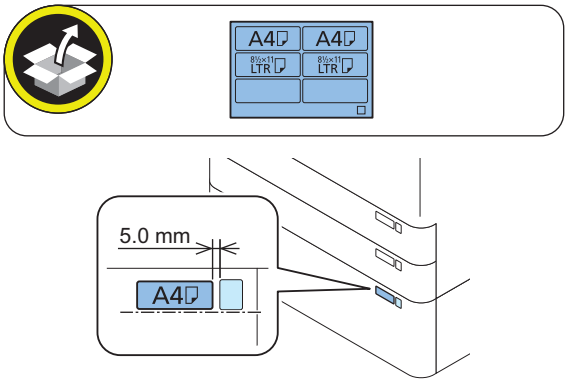


□

2.

NOTE:

- Keep the Paper Size Label for use when changing paper size.
- Affix the Cassette Size Label matching to the loaded paper size.
- Store the Paper Size Label as it is used when paper is changed.

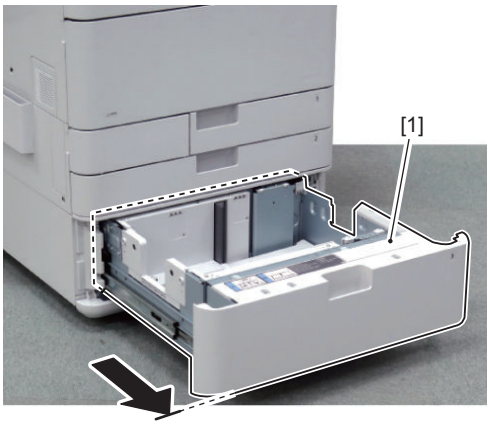


Adjustment

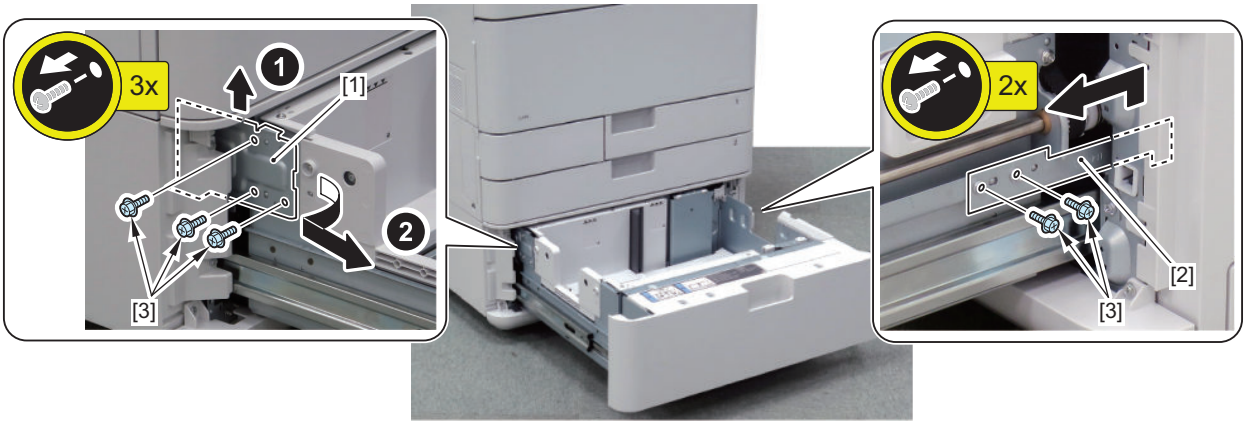
■ Switching the Size between LTR and A4

NOTE:
The following procedure describes how to switch the paper size from A4 to LTR.

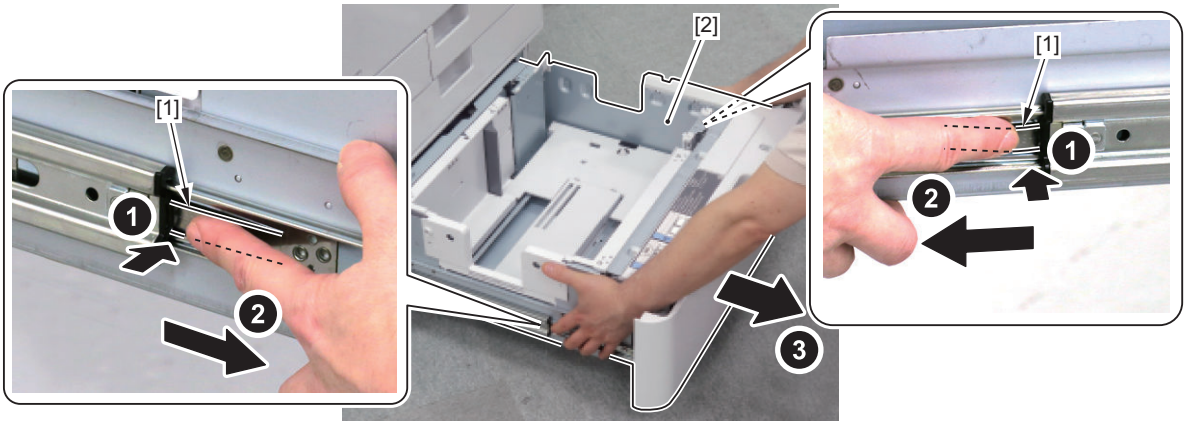
1. **Pull out the High Capacity Cassette [1] to the first lock position.**



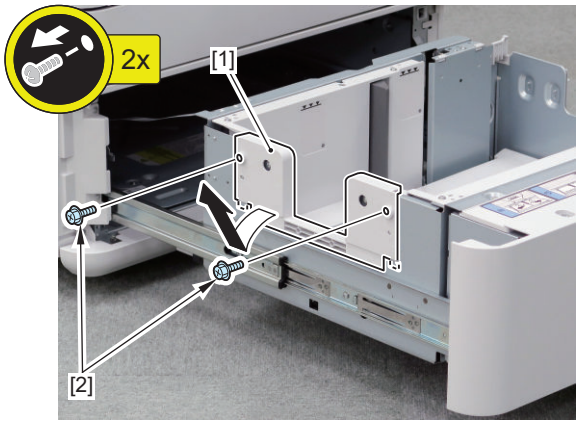
2. **Remove the Left Stopper [1] and the Right Stopper [2].**
   - 5 screws [3]



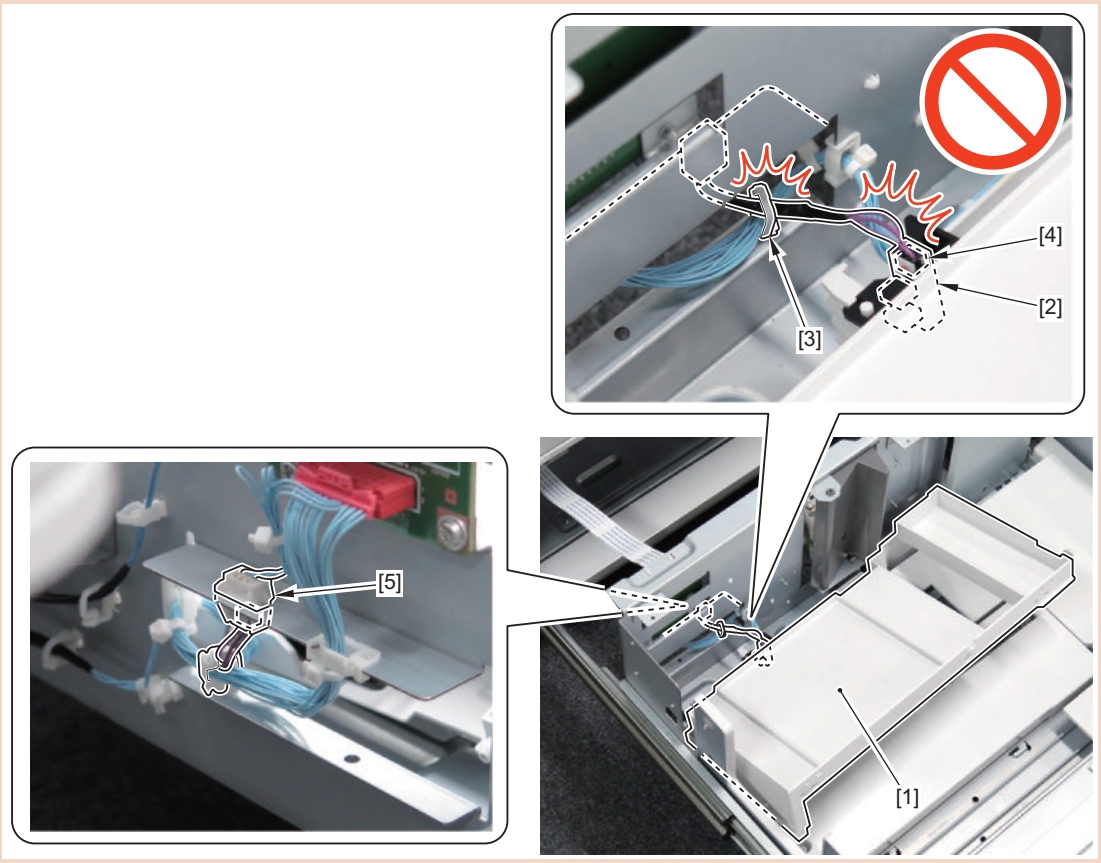
3. **While pressing the 2 Leaf Springs [1] on the right and left of the rail, further pull out the High Capacity Cassette [2].**



4. **Remove the Cassette Inner Left Cover [1].**
   - 2 Screws (RS Tightening) [2]

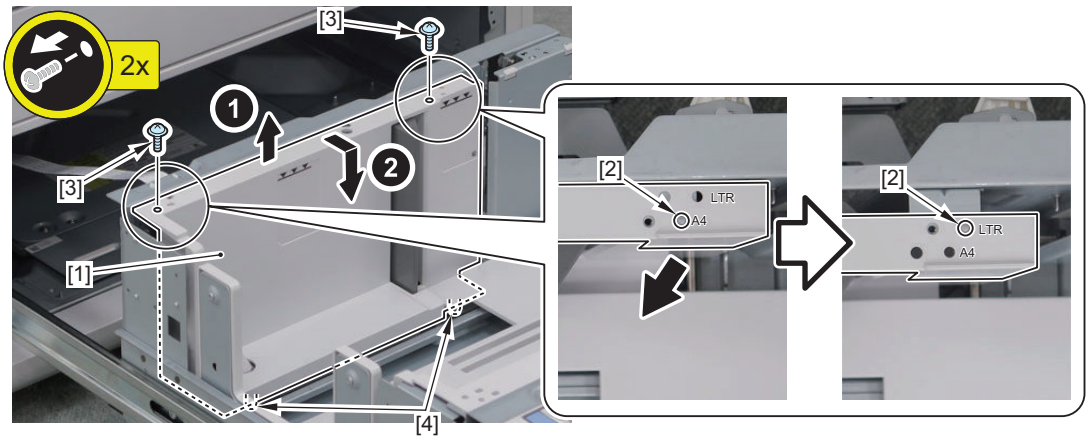


CAUTION:
Be careful not to pull the Paper Guide (Left Rear) [1] forcedly because the Left Cassette Paper Sensor (PS120) [2] is connected to the guide via the Wire Saddle. Also, when installing the Paper Guide (Left Rear) [1], check that the connector [4] of the sensor, Relay Connector [5], and Wire Saddle [3] are connected properly.

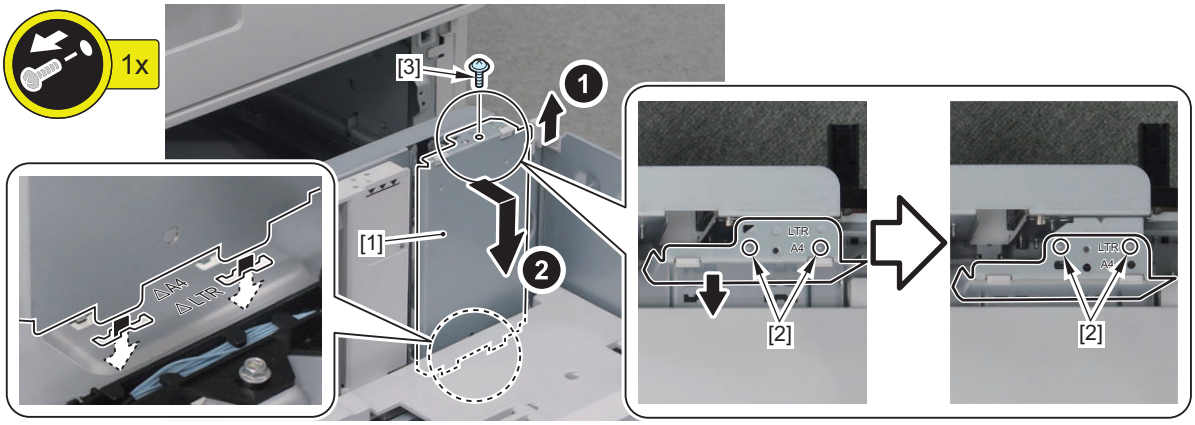


5. **Switch the position of the boss [2] on top of each Paper Guide [1] from A4 to LTR.**
   - Screws (TP) [3]
     1 for Paper Guide (Right Front)
     2 for Paper Guide (Left Front)
     1 for Paper Guide (Right Rear)
     2 for Paper Guide (Left Rear)
   - Bosses [4]
     2 for Paper Guide (Left Front)
     2 for Paper Guide (Left Rear)

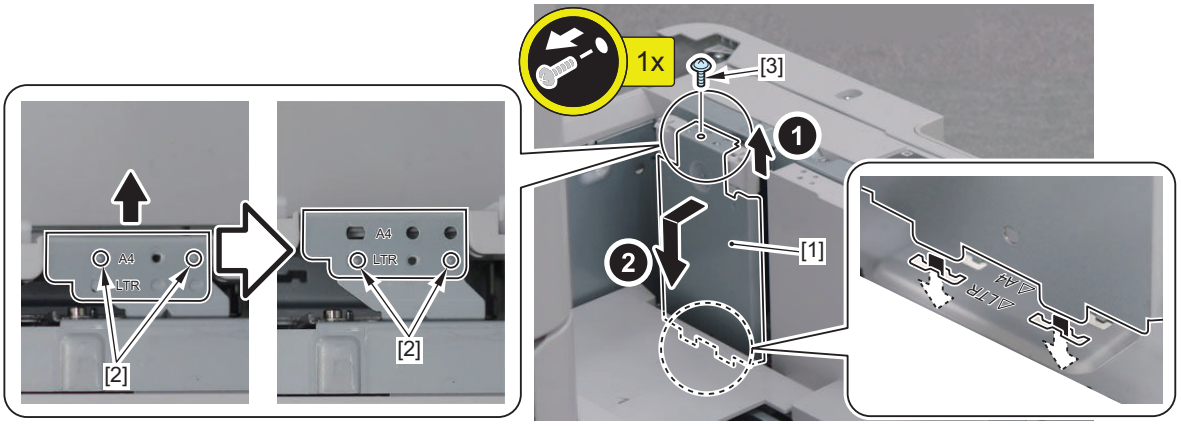
Paper Guide (Left Rear)



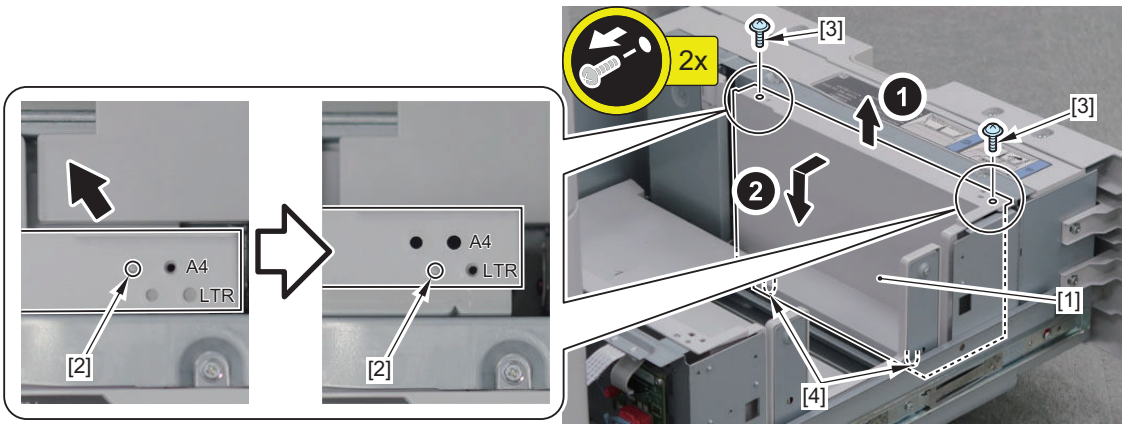
Paper Guide (Right Rear)



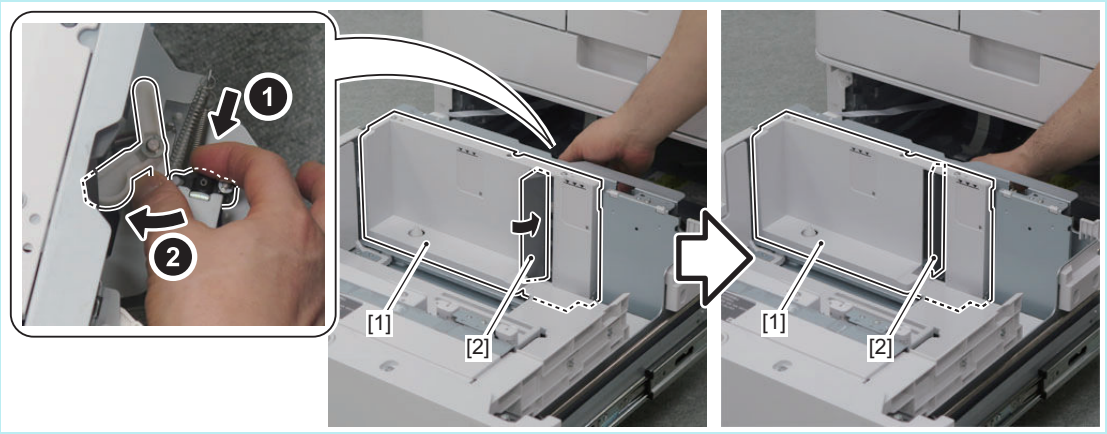
Paper Guide (Right Front)



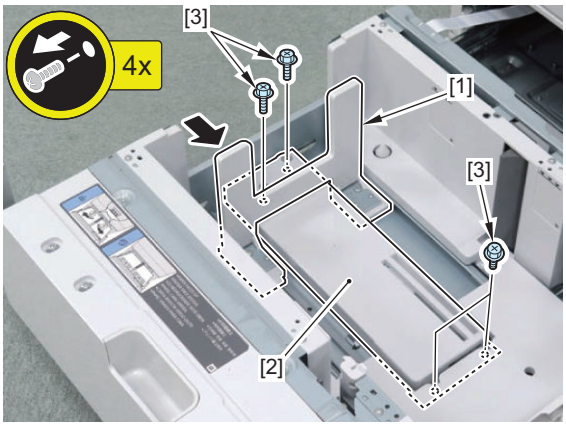
Paper Guide (Left Front)



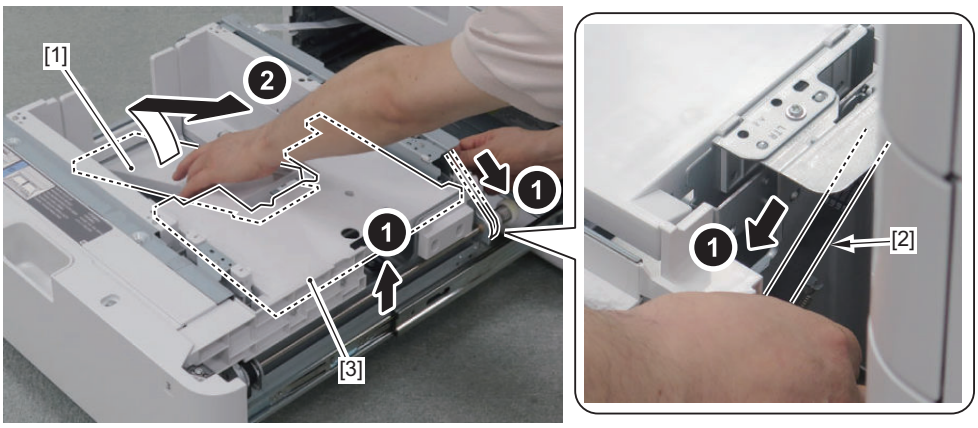
NOTE:
When removing the Paper Guide (Left Rear) [1], release the Division Plate [2] at the same time to switch the size easily.



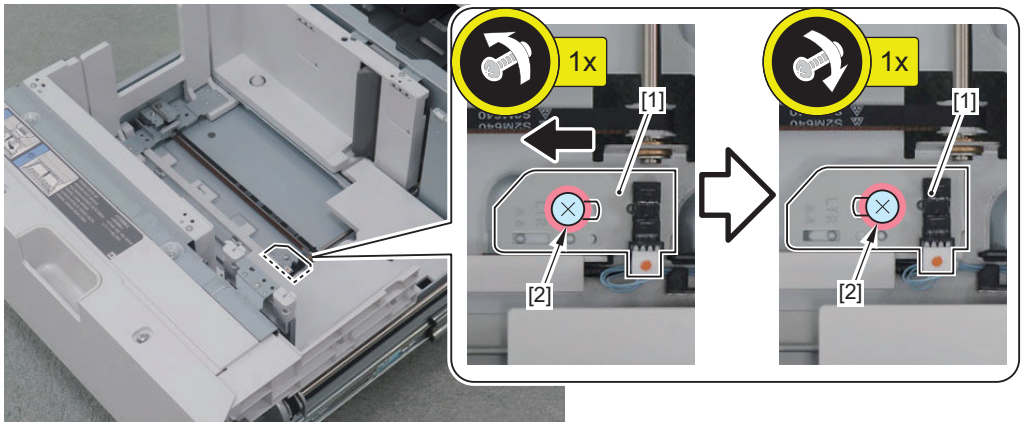
6. **Install the screws removed in step 2 to each Paper Guide.**
7. **Slide the Stack Push Plate [1] and remove the 4 screws [3] at the Middle Guide [2].**



8. **Rotate the belt [2] in the direction of the arrow and remove the Middle Guide [1] while lifting up the Lifter [3].**



9. **Loosen the screw and switch the position of the Stack Phase Position Sensor [1].**
   - 1 Screw [2] (to loosen)



10. **Tighten the screw of the Stack Phase Position Sensor.**
11. **Install the Middle Guide.**
    - 4 Screws
12. **Install the Cassette Inner Left Cover.**
    - 2 Screws
13. **Switch the size information in the following service mode.**
    - COPIER > OPTION > ACC > HCC-P

■ Image position adjustment

NOTE:
- Adjusting the 1st side also changes the margin on the 2nd side.
- The left/leading edge adjustment of the 2nd side is a difference adjustment between the 1st side and the 2nd side.
- If the difference between the 1st and the 2nd sides is +/- 0.5 mm or less, do not adjust the 2nd side.

Standard value

Leading edge: 4.0 + 1.5/ -1.0 mm (front side, back side)
Left edge: 2.5 + / -1.5 mm (front side) / 2.5 + / -2.0 mm (back side)

☐

1. Set the following values for the service modes.

COPIER > TEST > PG > TYPE = 5
COPIER > TEST > PG > COLOR-K = 1
COPIER > TEST > PG > COLOR-Y/M/C = 0 (Set only the color machine)
COPIER > TEST > PG > 2-SIDE = 1
COPIER > TEST > PG > PG-PICK = each of the paper sources

☐

2. Press the Start key.A test print (2-sided print) is output from each paper source.

3. Check the output test print.

NOTE:
- At 2-sided printing, paper is output with the 1st side up and 2nd side down.
- When checking the leading edge margin on the 1st side, check the up side of paper, and check the margin on the rear side with respect to the feed direction.

☐

4. If the margin is not within the standard values, perform the adjustment of each cassette in the following order:

CAUTION:

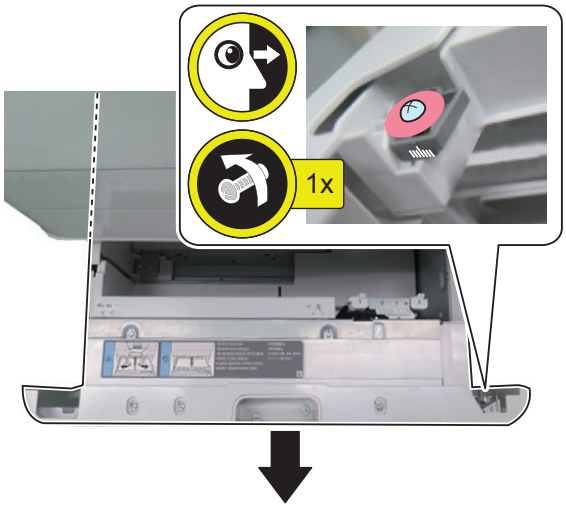
Order	Cassette 3
1	Mechanical Adjustment
2	Software Adjustment

■ Margin Adjustment (Mechanical Adjsutment)

□

1.

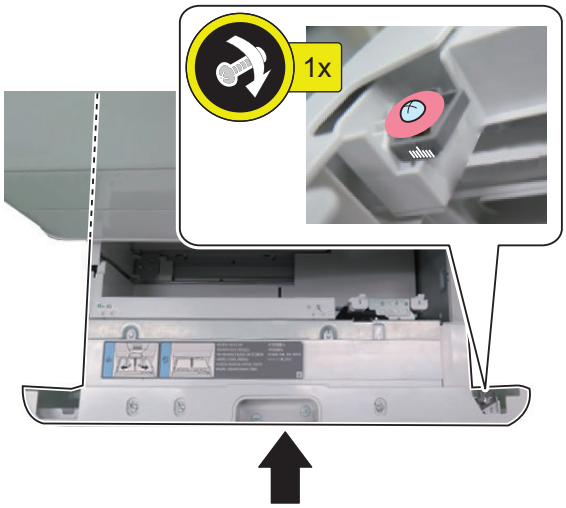
NOTE:
- Pull out the cassette.
- Check the scale positions on the spacer Adjustment Plate.
- Loosen the fixing screw.
- As moving the adjusting plate toward the rear by 1 scale, the left edge margin becomes 1.0 mm smaller.



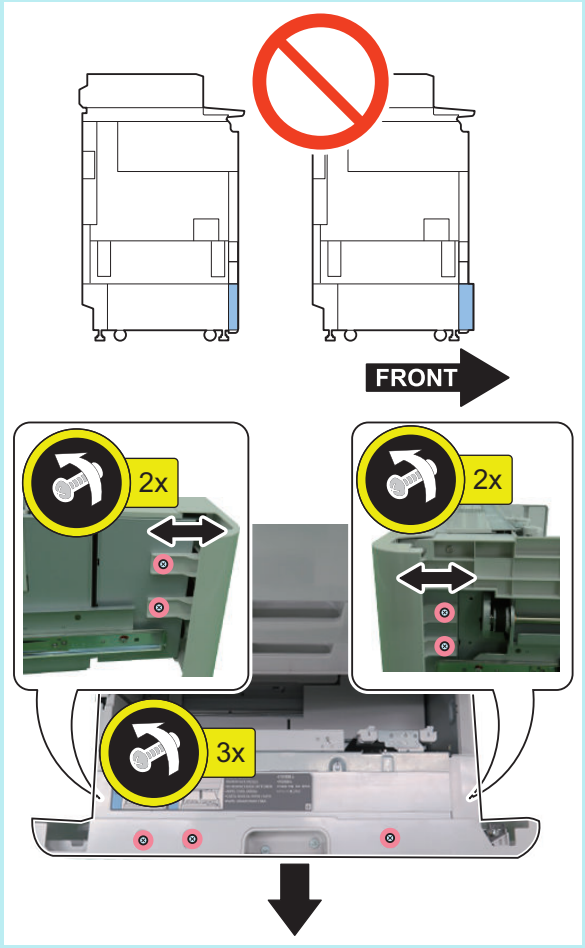
□

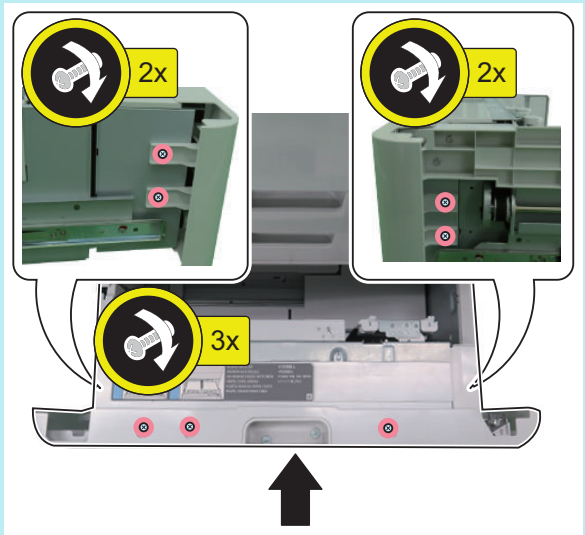
2.

NOTE:
- Tighten the fixing screw.
- Return the cassette to its original position.
- Make copies using the Cassette 3, and check that the left edge margin : 2.5±1.5 mm(First side) /2.5±2.0 mm(Second side).



NOTE:
When the cassette positions are uneven due to the mechanical adjustment, adjust them by loosening the screw on both left and right sides.





■ Margin Adjustment (Software Adjustment)

☐

1. Leading edge

Use the following service mode to make an adjustment.

- REGIST: 1/1 speed, front side
- REG-DUP1: 1/1 speed, back side
- REG-THCK: 1/2 speed, front side
- REG-DUP2: 1/2 speed, back side

As the input value is changed by 1, the margin on the left edge of paper is changed by 0.1 mm.

☐

2. Left edge

Use the following service mode to make an adjustment.

- ADJ-C3 : front side
- ADJ-C3RE : back side

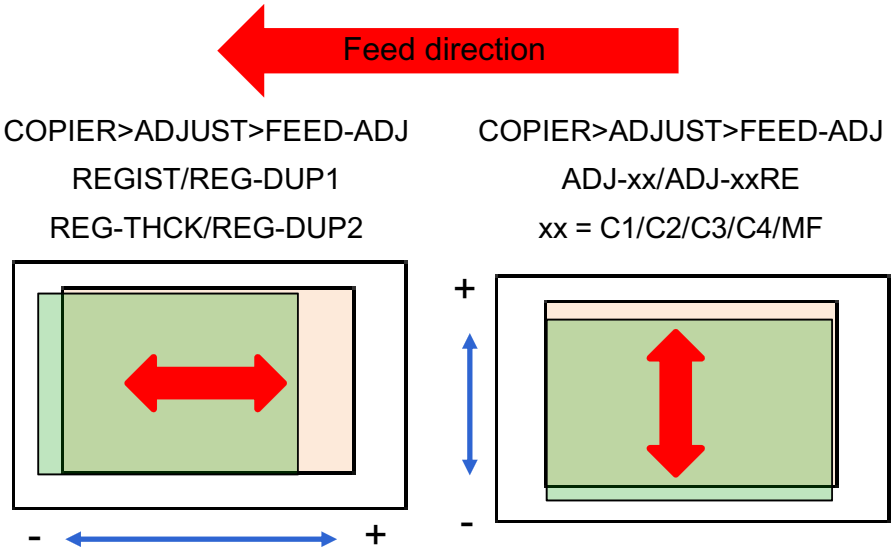
As the input value is changed by 1, the margin on the left edge of paper is changed by 0.1 mm.

☐

3. If the service mode setting value has been changed, write down the new adjustment value on the service label.

Standard value

- Leading edge: 4.0 + 1.5/ -1.0mm (front side, back side)
- Left edge: 2.5 ± 1.5mm (ront side) / 2.5 ± 2.0mm (back side)



Cassette Heater Unit-42

Points to Note at Installation

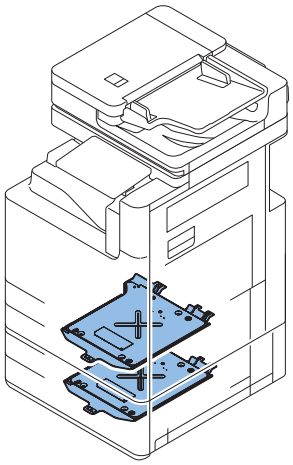
Points to Note When the Cassette Feeding Unit or High Capacity Cassette Feeding Unit Is Not Installed:
Since the machine will contain heat at its bottom if this equipment is installed, be sure to avoid installation at locations where heat resistance is low.

Product Name

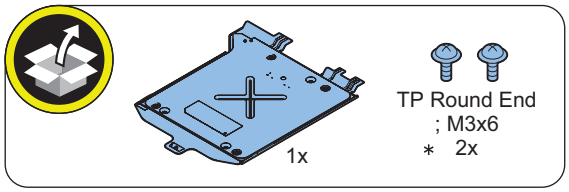
Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F711000

Installation Outline Drawing



Checking the Contents



NOTE:
*Host Machine:Use 1 of them.
Cassette Feeding Unit or High Capacity Cassette Feeding Unit:Use 2 of them.

Installation Procedure

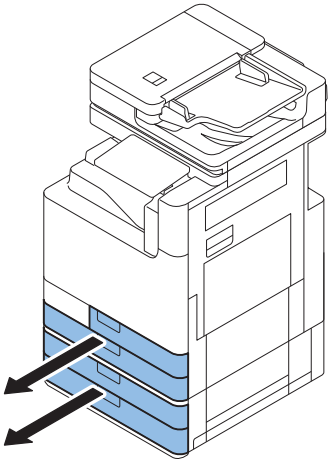
■ Removing the Cassette

● In the Case of Host Machine/Cassette Feeding Unit

NOTE:
- **In the case of host machine, remove the Cassette 1 and 2.**
- **In the case of the Cassette Feeding Unit, remove the Cassette 3 and 4.**

□

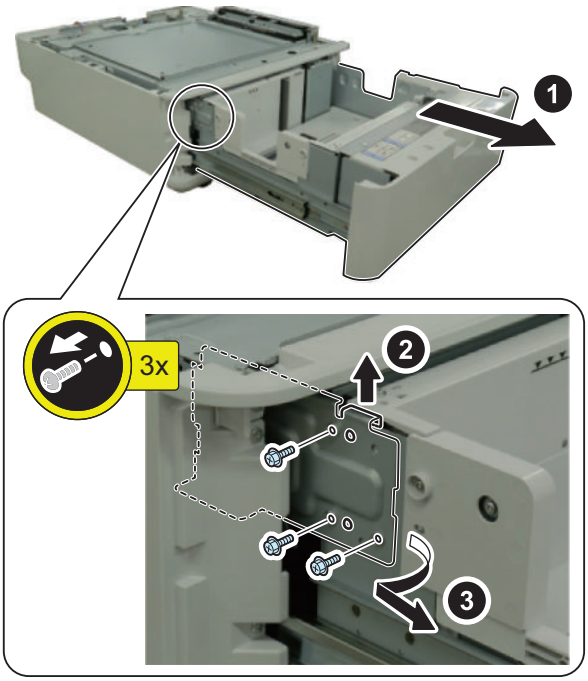
1.



• In the Case of High Capacity Cassette Feeding Unit

□

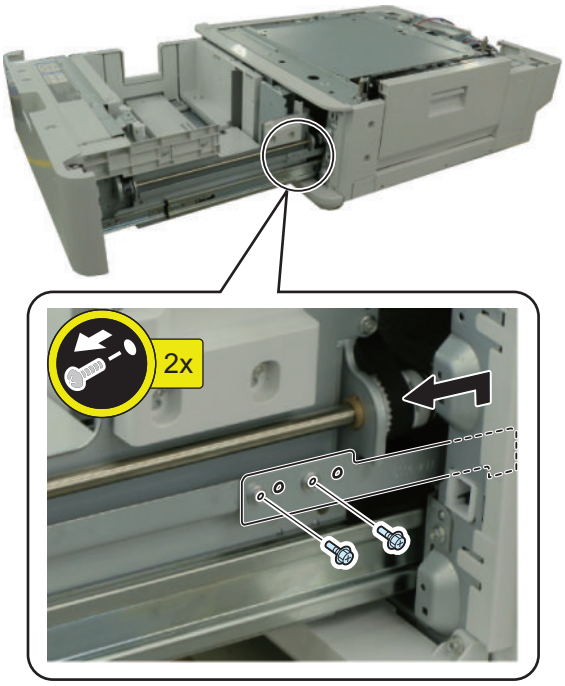
1.



NOTE:
The removed parts will be used in "Installing the Cassette".

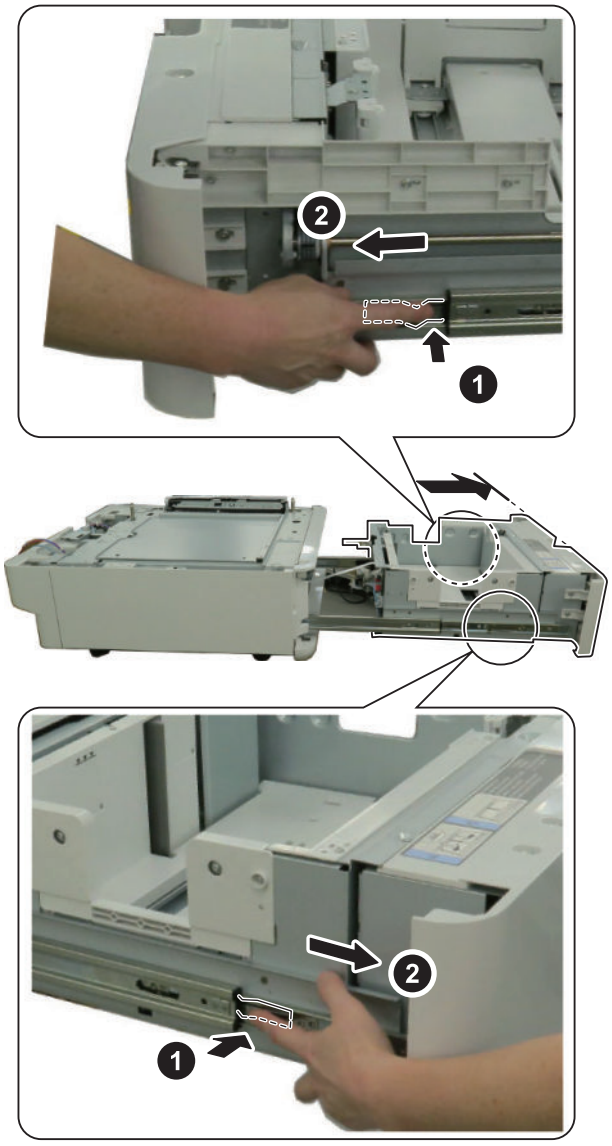
□

2.

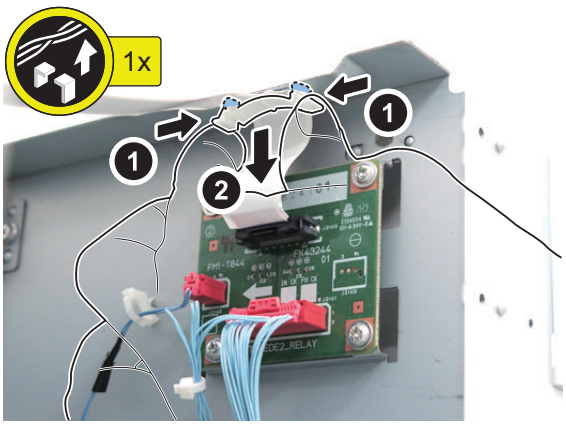


NOTE:
The removed parts will be used in "Installing the Cassette".

□
3.



□
4.

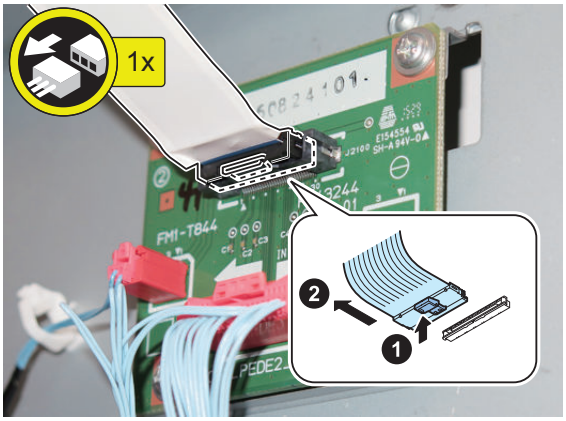


NOTE:
The removed parts will be used in "Installing the Cassette".

□

5.

CAUTION:
Be sure to release the lock and then disconnect the FCC Connector.



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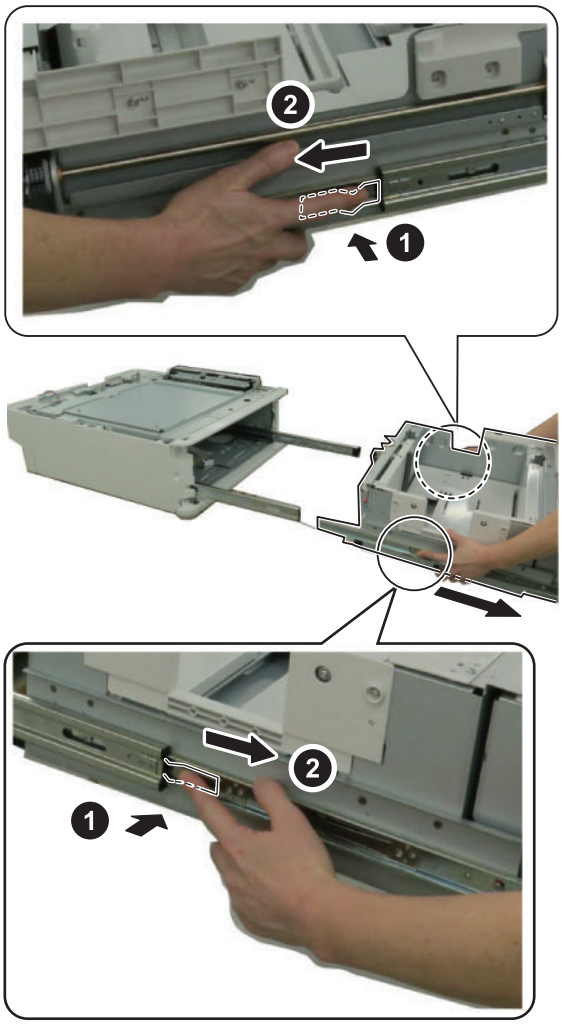
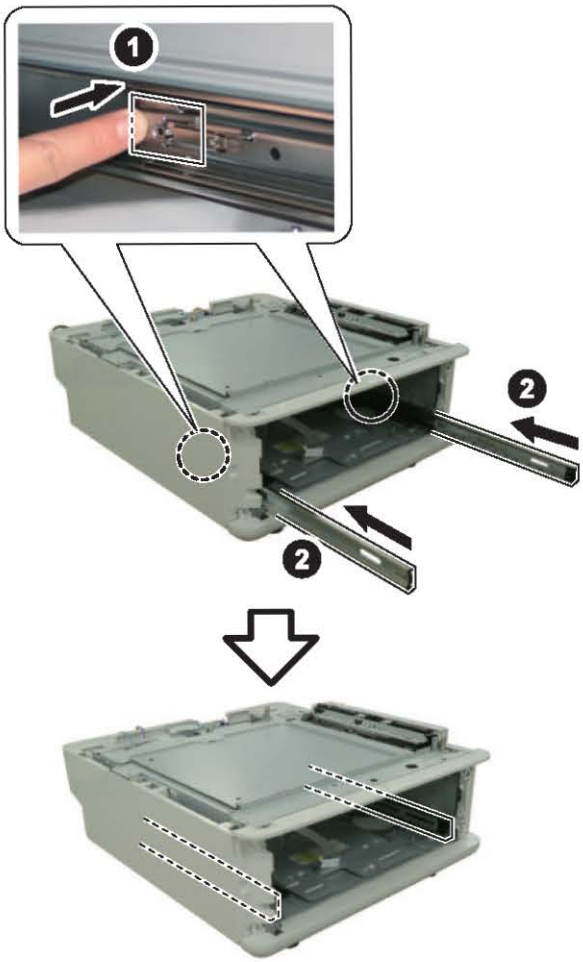
6.



7.

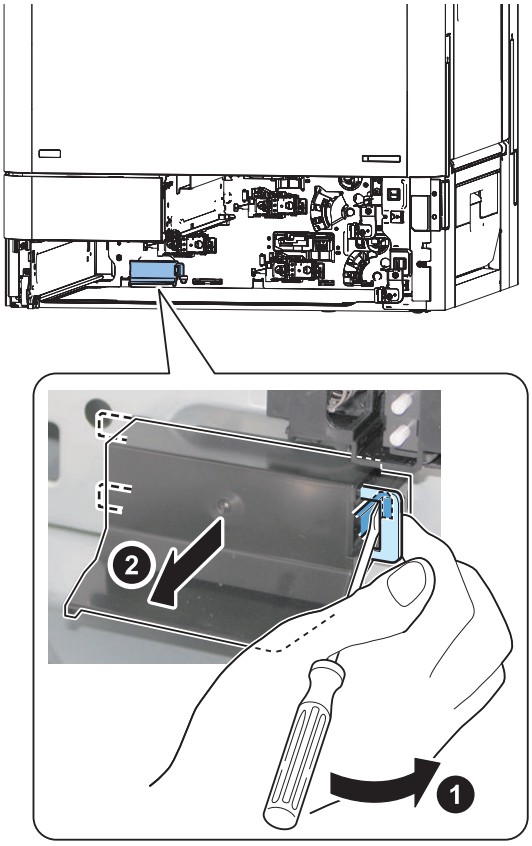


■ Installing the Cassette Heater

□

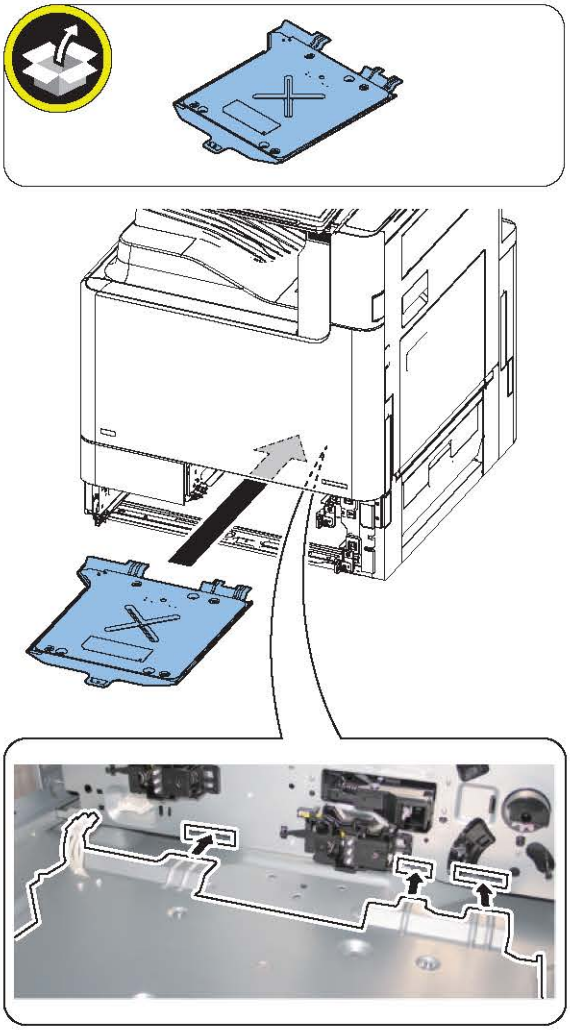
1.

NOTE:
The procedure is the same for the Cassette Feeding Unit or High Capacity Cassette Feeding Unit.



□

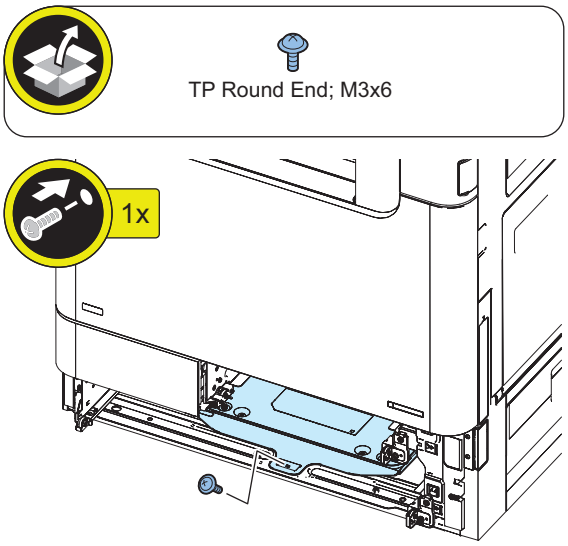
2.



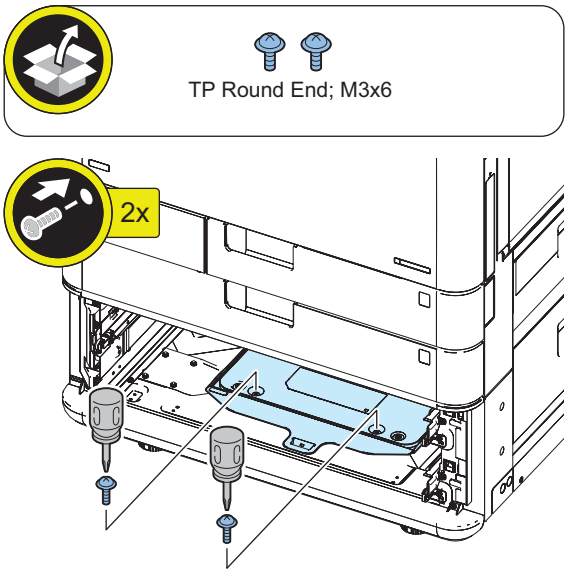
□

3.

< In the case of Host Machine >

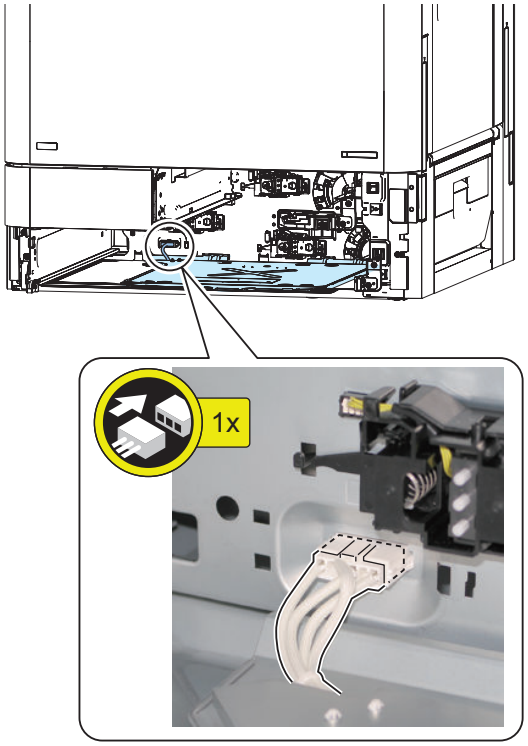


< In the case of Cassette Feeding Unit or High Capacity Cassette Feeding Unit >



□

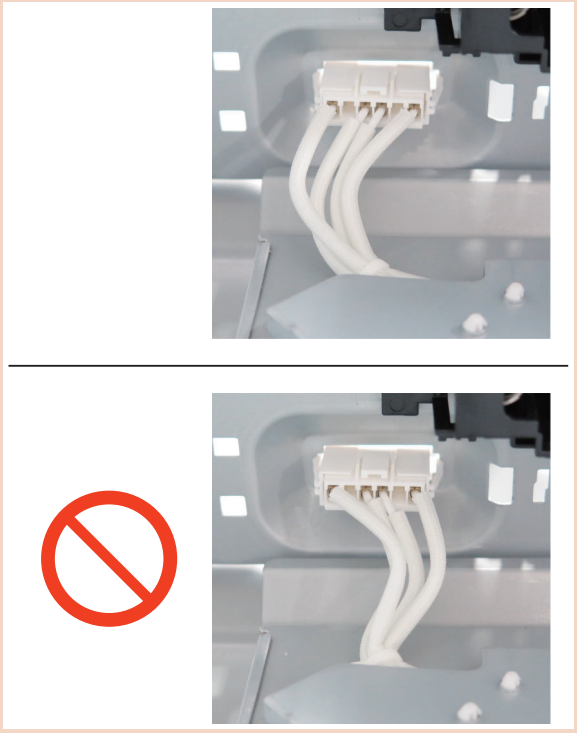
4.

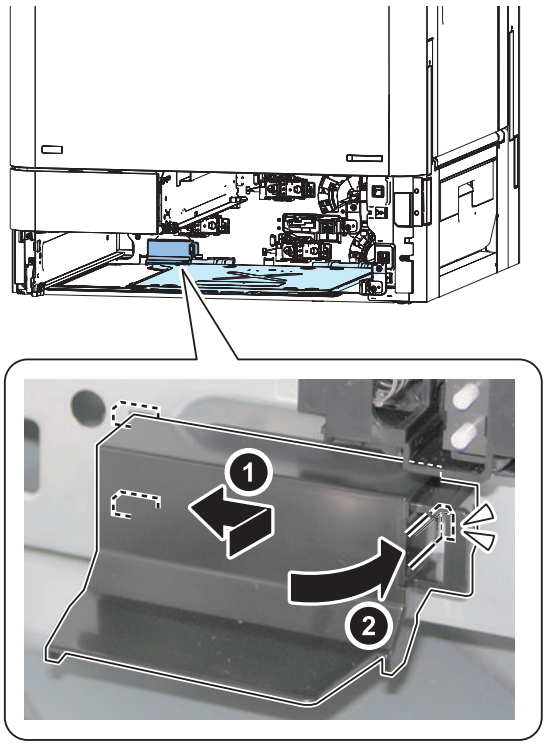


□
5.

NOTE:
The procedure is the same for the Cassette Feeding Unit or High Capacity Cassette Feeding Unit.

CAUTION:
- Be sure to run the cables as shown in the figure below before installing the Connector Cover.

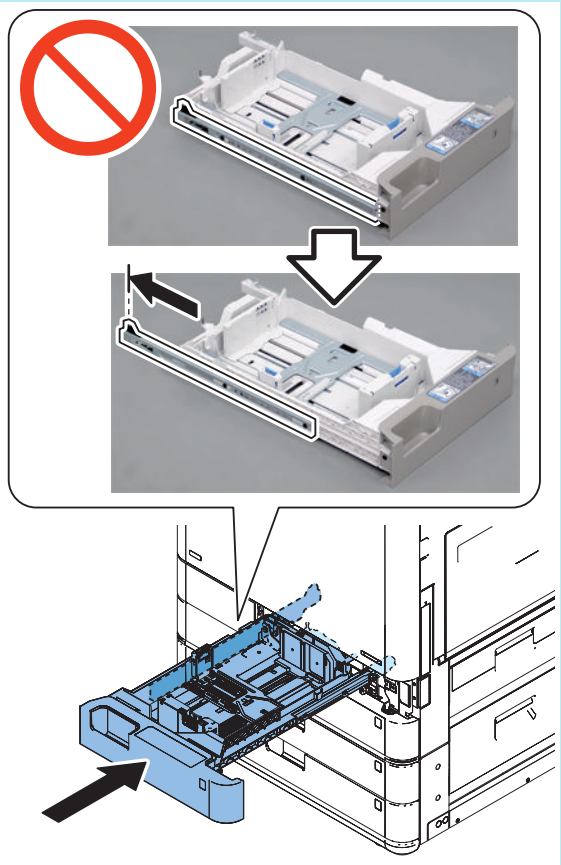




■ Installing the Cassette

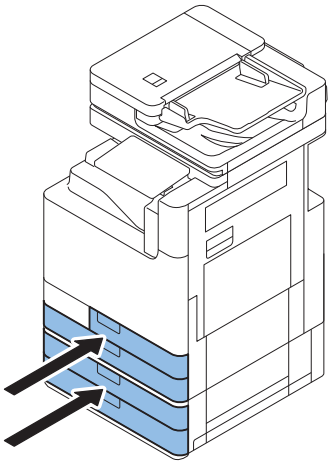
● In the Case of Host Machine/Cassette Feeding Unit

NOTE:
In the case of the Cassette 1, pull out the rail and slide it into the host machine.



□

1.



● In the Case of High Capacity Cassette Feeding Unit

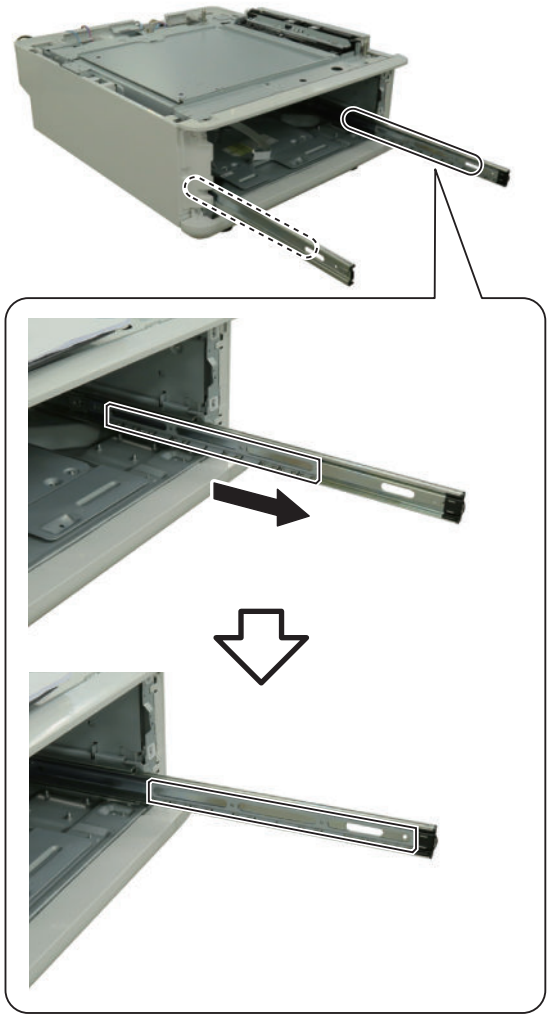
□

1.

□

2.

NOTE:
Slide the inner rails of the rails you pulled out toward the front side to ease insertion of the cassette.

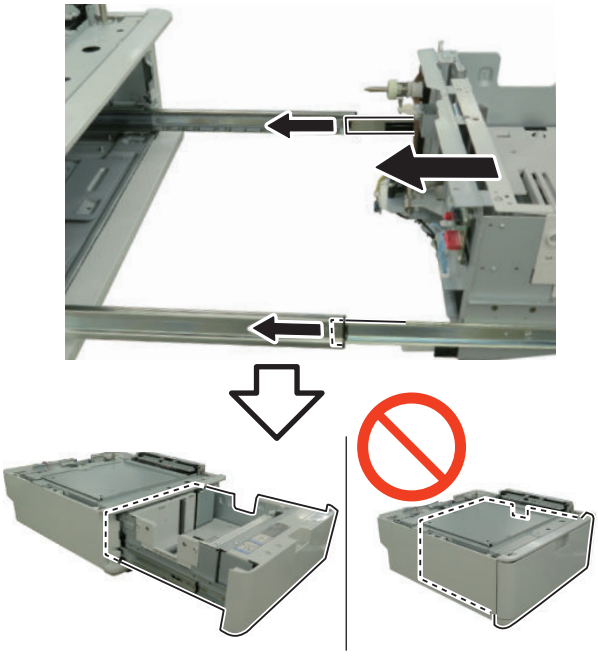


□

3.

CAUTION:

- Align the rails and push in the cassette to the first lock position.
- Do not push in the cassette all the way because the Flat Cable is not connected.



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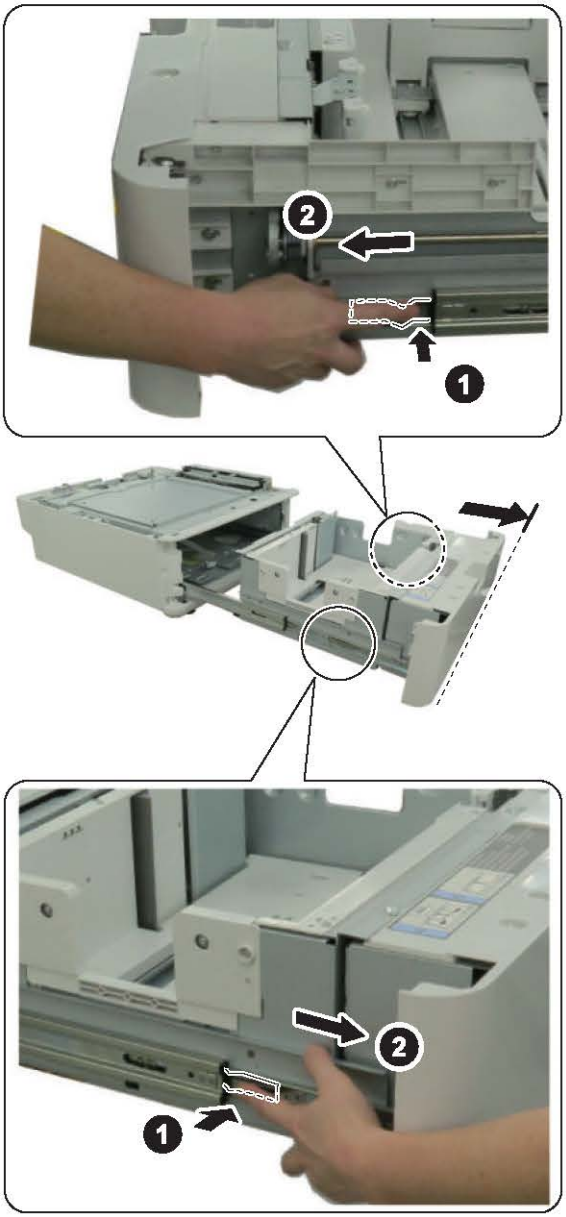
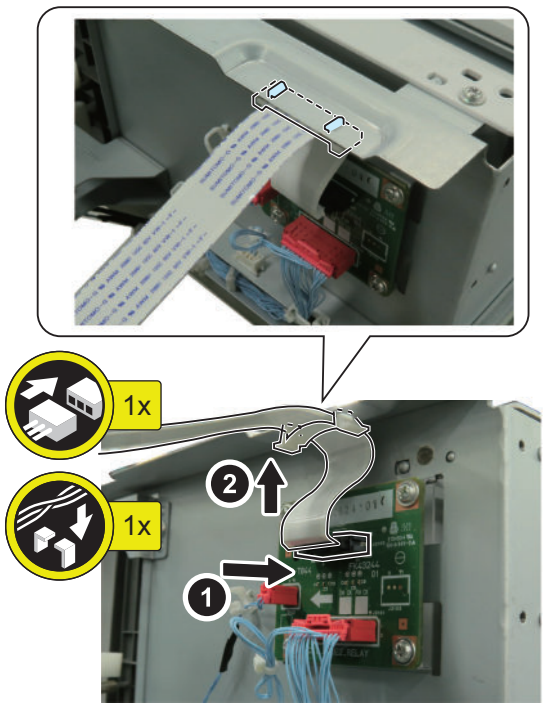
4.



□

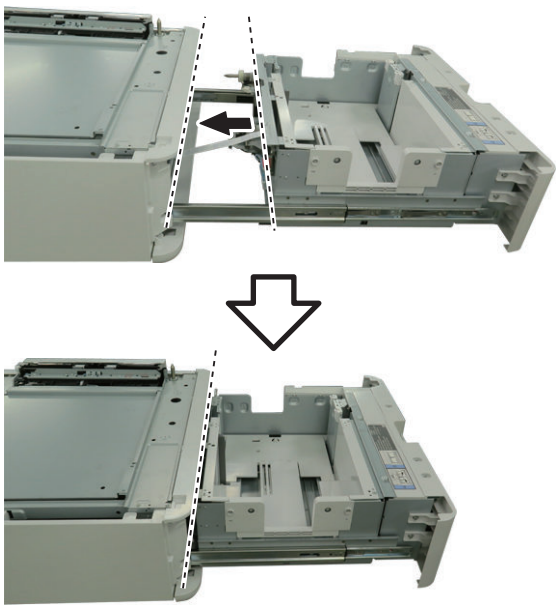
5.

NOTE:
Use the parts removed in "Removing the Cassette".



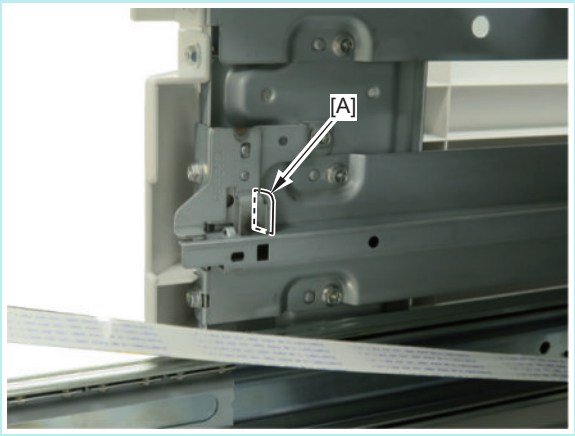
□

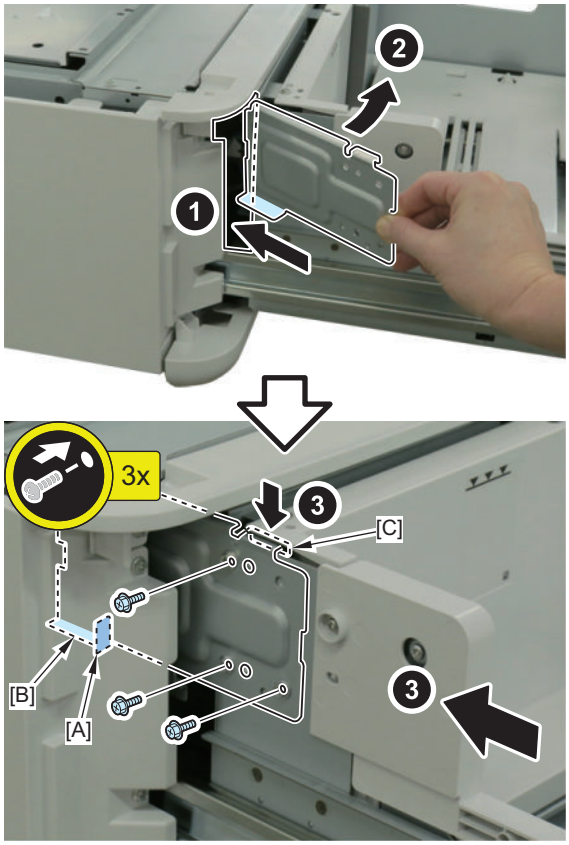
6.



□
7.

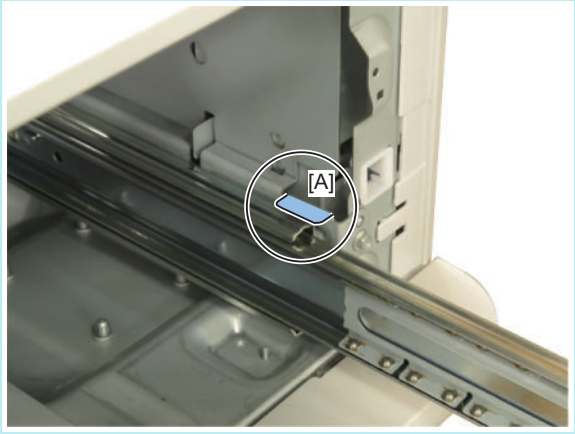
NOTE:
- Use the parts removed in "Removing the Cassette".
- Hook the [B] part of the plate on the left side on the [A] part of the plate.
- Push in the cassette and align the boss when hanging the hook [C].

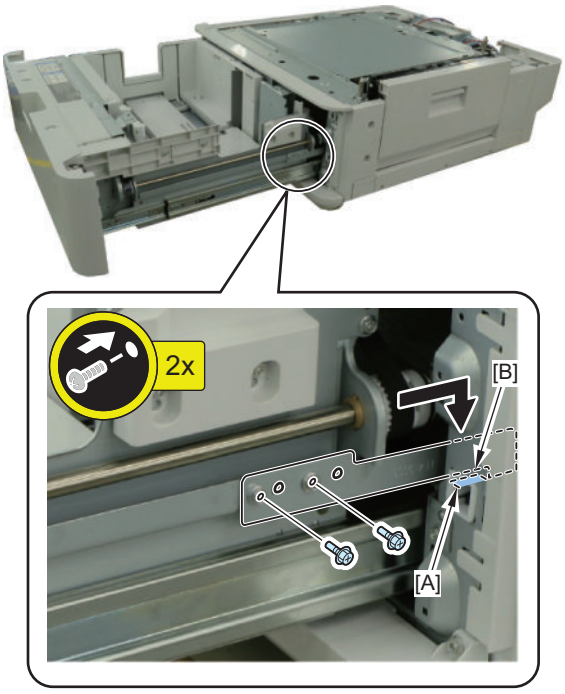




□
8.

NOTE:
- Use the parts removed in "Removing the Cassette".
- Hook the [B] part of the plate on the right side on the [A] part of the plate.



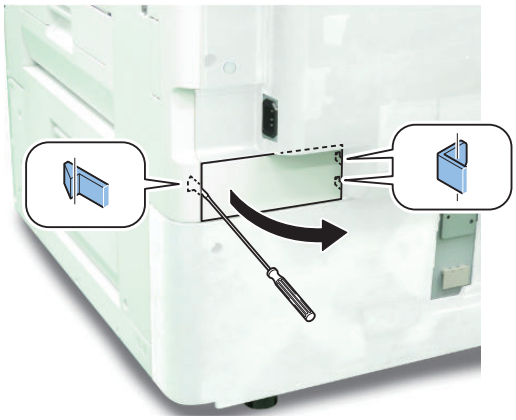


□
9.

■ Checking the Dehumidification Switch

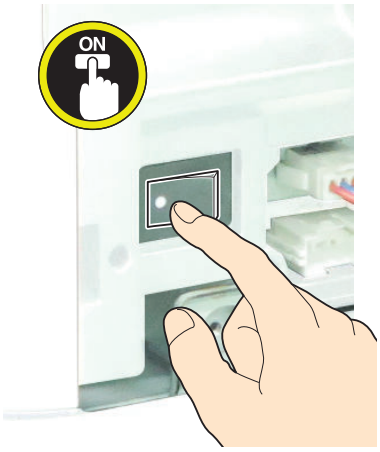
☐

1.



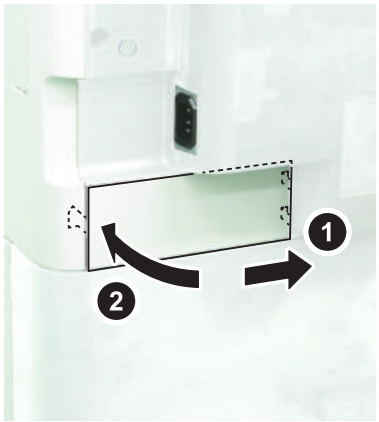
☐

2.



☐

3.



☐

4.

Connect the power plug of the host machine to the outlet.

□

5.

Turn ON the main power switch.

Paper Deck Unit-F1

Checking before Installation

Requirements for the installation place are given below. It is recommended to look over the place to be used for installation before delivering the equipment to the user.

CAUTION:
- Install the host machine first and then install the Paper Deck.
- Do not carry the Paper Deck with the host machine is installed for prevention of breakage.

■ Points to Note on Installation

Exercise following caution for installation.

1. Paper Deck weighs maximum 31 kg. When holding the Paper Deck at the installation, be sure to perform the work in accordance with the standard to handle a heavy load in each country. In addition, be sure to keep the machine leveled when lifting it.
2. When moving this equipment after having unpacked it, be careful by placing a plate, etc. on areas with steps to prevent the casters from hitting those steps. If the casters hit a step, the casters or the base plate may be deformed.

■ Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F281200

Unpacking

■ Unpacking Procedure

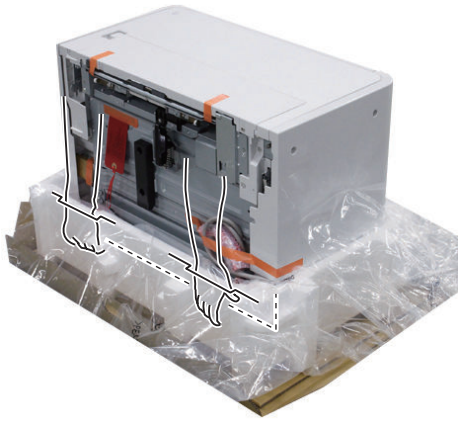
NOTE:
The equipment is secured by tapes, cushioning and other materials to protect it from vibration and impact during transit. Remove all such tapes and cushioning materials as instructed below before installing this equipment.
Keep all fixings in a safe place for later reuse in reshipping the equipment, as for relocation and repairs.

☐

1. **Remove the cushioning materials from top of the equipment.**

☐

2. **Open the plastic packing bag. Remove the Paper Deck from the palette with holding the parts as shown in the figure.**



☐

3. **Remove the all packaging tapes and cushioning materials other than the fixing plate on the fixing plate.**

Checking the Contents

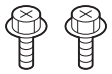
Check that none of the included parts is missing.

■ Contents of the Equipment

[1] Paper Deck Unit

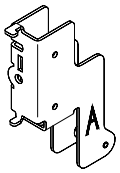
1x

[2] Screw (RS tightening; M4x8)



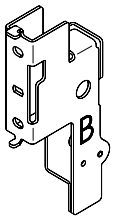
2x

[3] Latch Plate A (Front)



1x

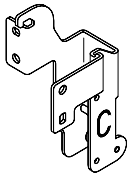
[4] Latch Plate B(Rear)



1x

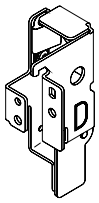
*1

[5] Latch Plate C (Front)



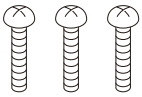
1x

[6] Latch Plate D (Rear)



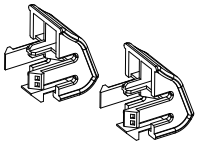
1x

[7] Screw (Binding(Black); M4x25)



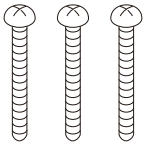
3x

[8] Feed Guide



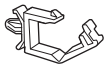
2x

[9] Screw (Binding; M4x45)



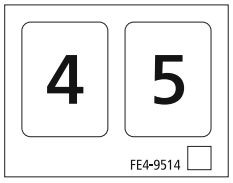
3x

[10] Wire Saddle



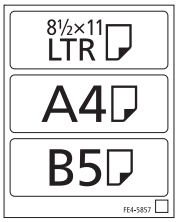
1x

[11] Cassette No. Label



1x

[12] Paper Size Label



1x

*1: The parts [5],[6],[7] are not used.

< Other >

Other bundled items such as Installation Procedure, leaflets, etc.

Installation Procedure

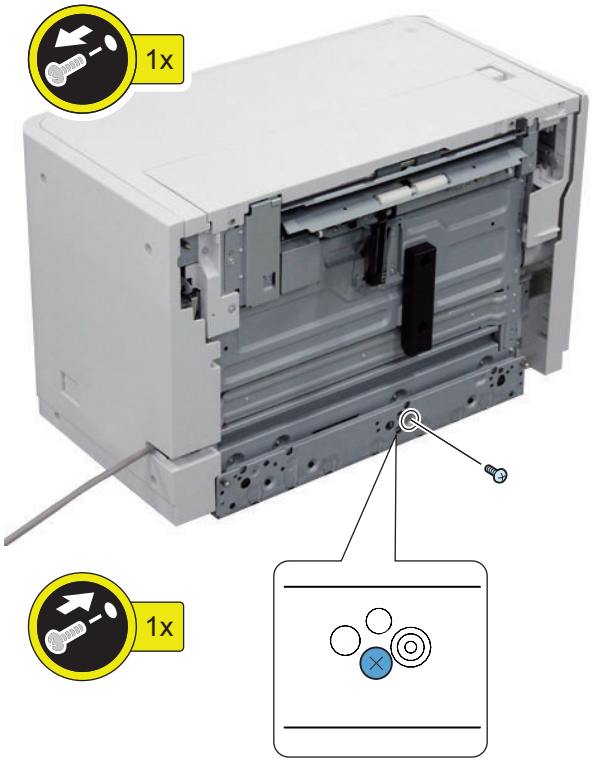
■ Preparation of the Paper Deck

☐

1. **Remove the screw of the fixing plate.**
   - 1 Screw

☐

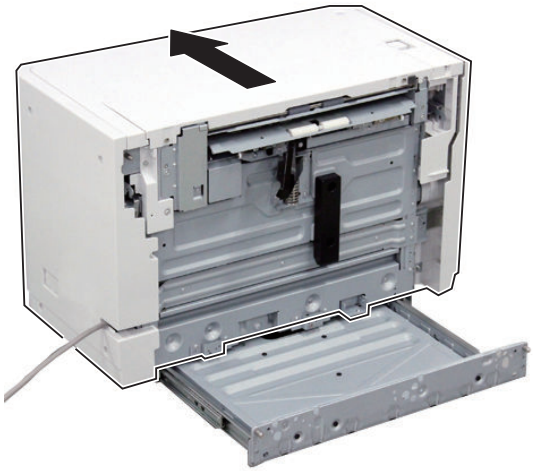
2. **Remove the screw from the base stay unit and then attach it as shown in the following figure.**
   - 1 Screw



NOTE:
Return the screw to the original position to fix the base stay unit for relocation.

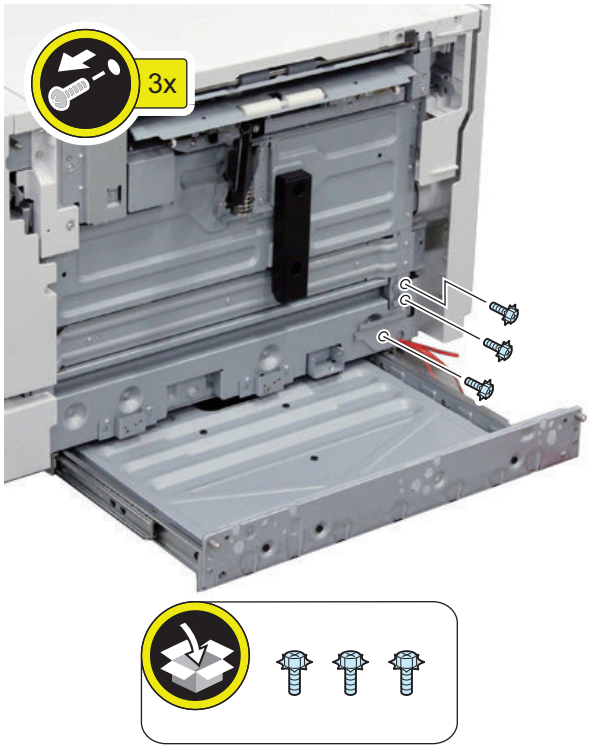
☐

3. **Hold the base stay and push the Paper Deck unit until it stops.**



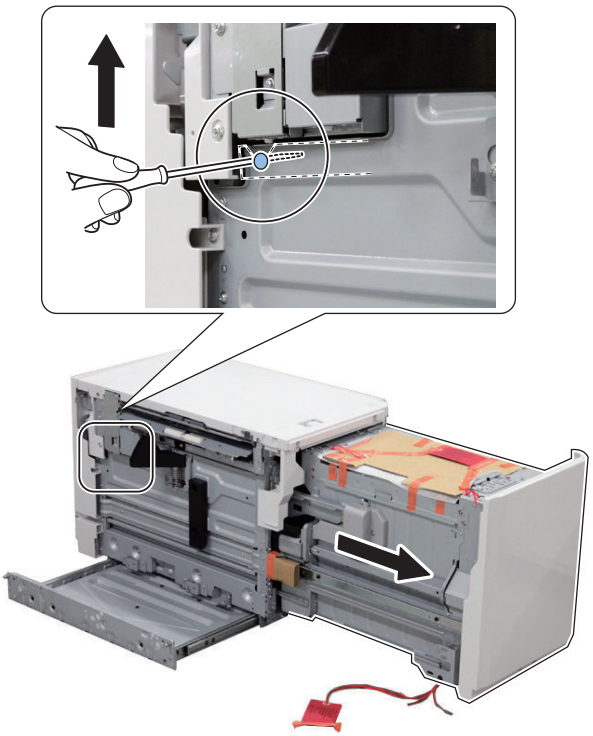
☐

4. **Remove the screw of the fixing plate.**
   - 3 Screws



☐

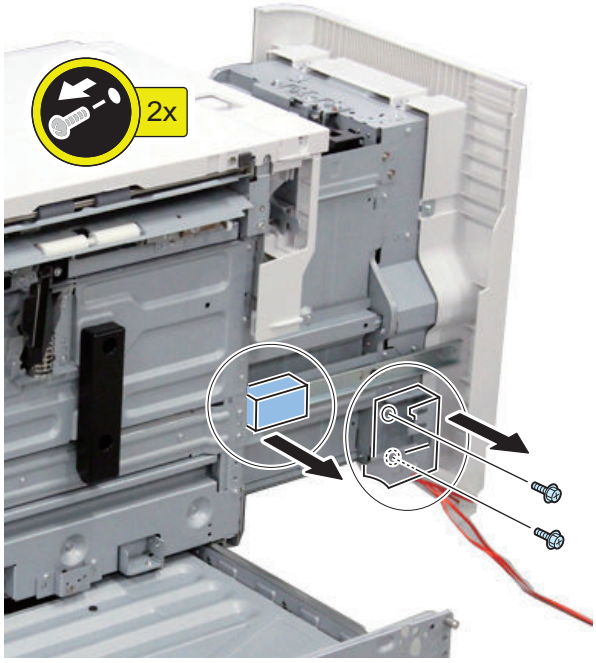
5. **Insert screwdrivers into the hole and push the release lever down to open the compartment.**



☐

6. **Remove the fixing plate and the cushioning material.**
   - 2 Screws

NOTE:
Check that the cushioning material is removed.



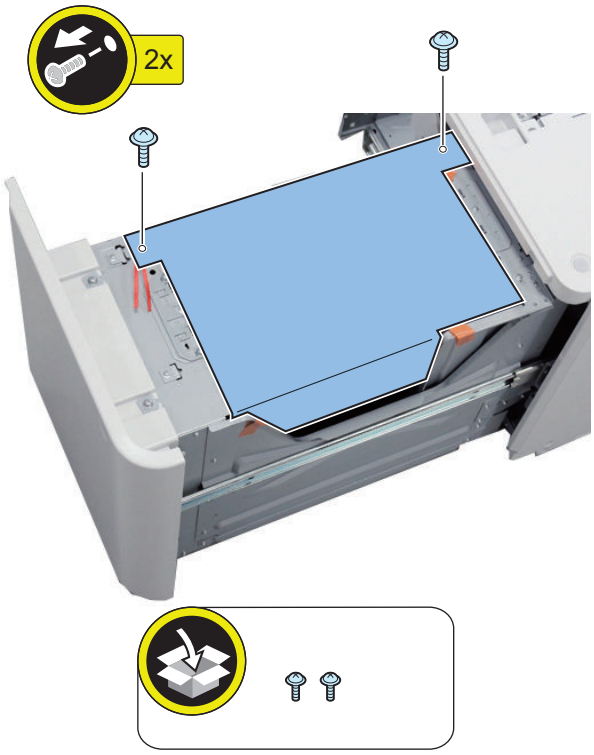
☐

7. **Remove the fixing plate and the cushioning material.**
   - 1 Screw

NOTE:
Check that the cushioning material is removed.

☐

8. **Remove the fixing part of lifter plate, cushioning material and tapes.**
   - 2 Screws



☐

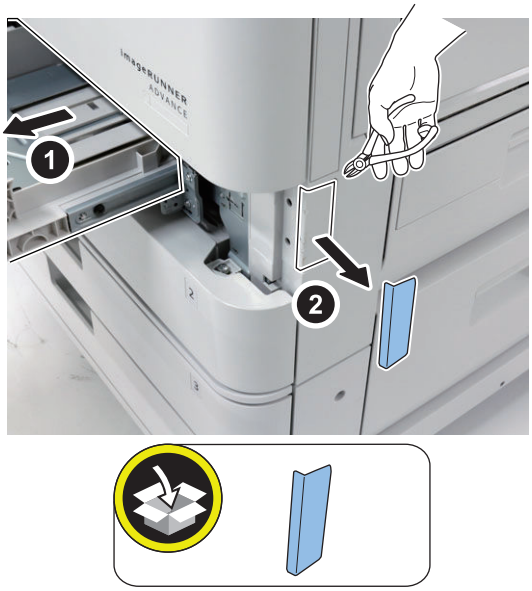
9. **Close the compartment.**

■ Preparation of the Host Machine

☐

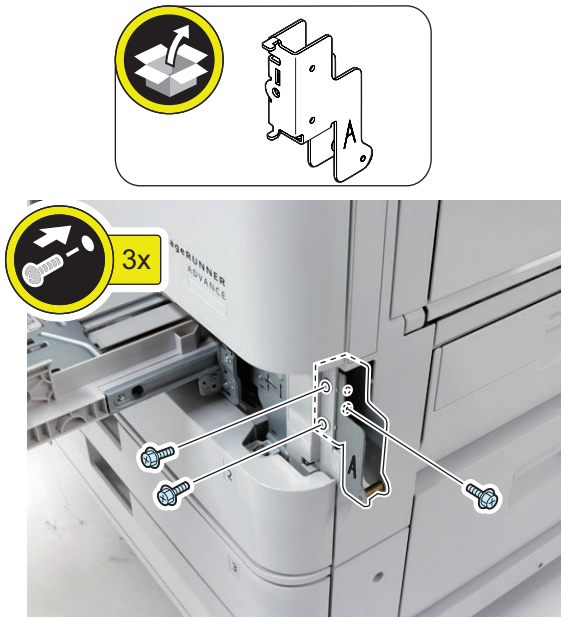
1. **Open the cassette 1 and then cut the face part.**

⚠ CAUTION:
Be sure to remove the face part properly so that no bur is formed.



☐

2. **Attach the latch plate A (front) with 2 screws removed at procedure 6 and 7 in "Preparation of the Paper Deck".**
   - 1 Boss
   - 3 Screws (RS tightening; M4x8)



☐

3. **Close the cassette 1.**

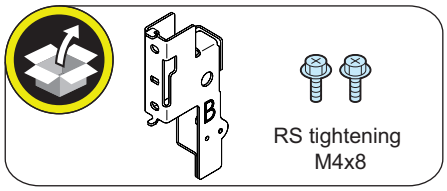
☐

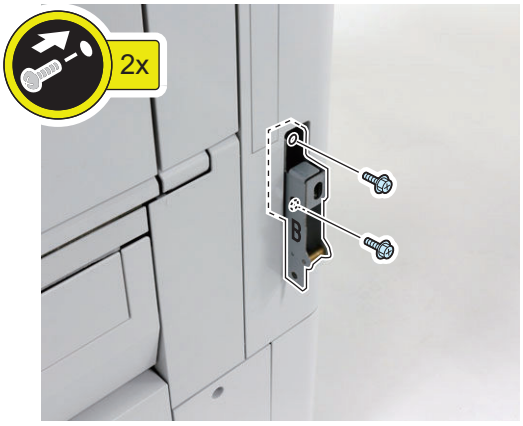
4. **Cut the face cover.**

⚠ CAUTION:
Be sure to remove the face cover properly so that no bur is formed.

☐

5. **Attach the latch plate B (rear).**
   - 1 Boss
   - 2 Screws (RS tightening; M4x8)





☐

6. **Open the right feed guide.**

☐

7. **Remove the face cover.**
   - 2 Claws

☐

8. **Close the right feed guide.**

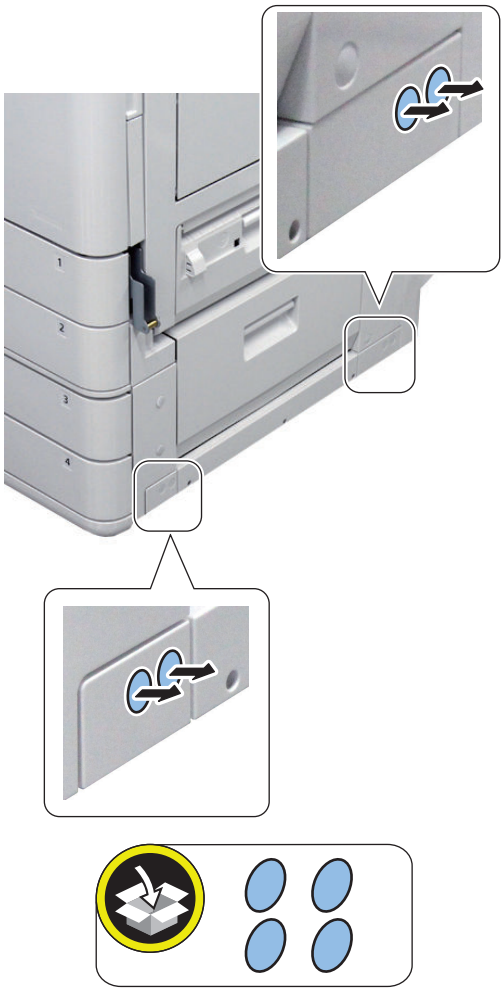
☐

9. **Attach the 2 feed guides.**

■ Connection with the Host Machine

□

1. **Remove the 2 face seals.**

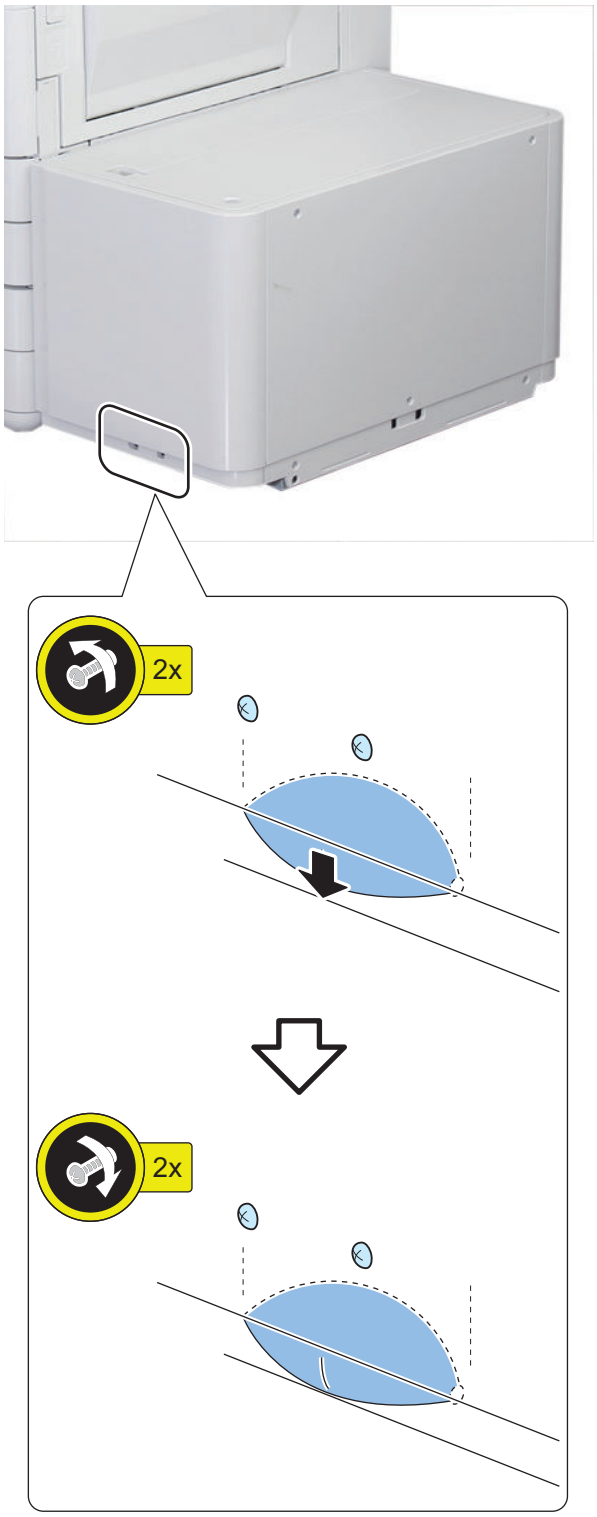


☐

2. **Insert the positioning pins to the holes on the host machine and then fix the base stay and then slide the Paper Deck to the host machine.**
   - 3 Screws (Binding; M4x45)

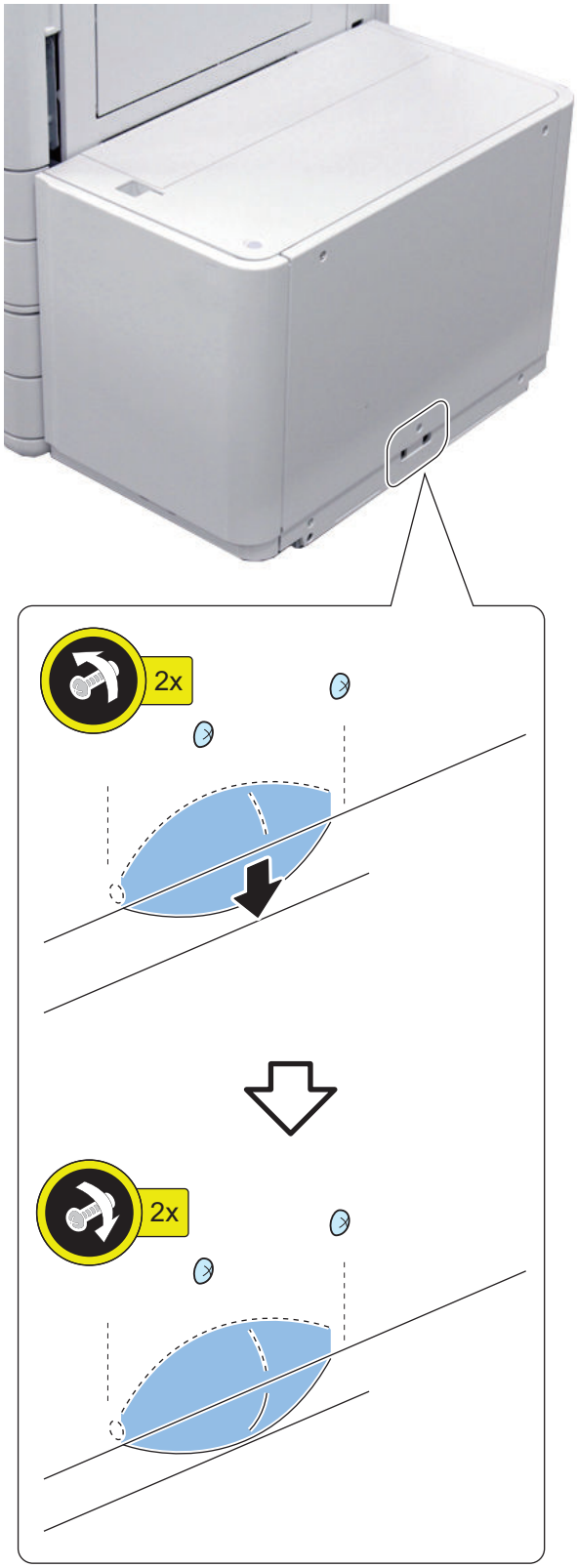
☐

3. **Loosen the screws to move the wheel to the floor and then fasten the screws.**
   - 2 Screws



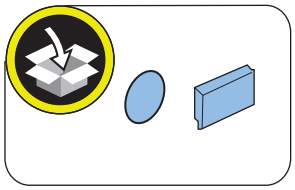
☐

4. **Loosen the screws to move the wheel to the floor and then fasten the screws.**
   - 2 Screws



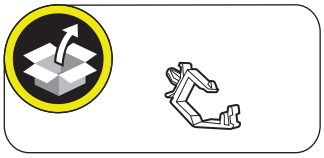
☐

5. **Remove the face seal and the connector cover.**



☐

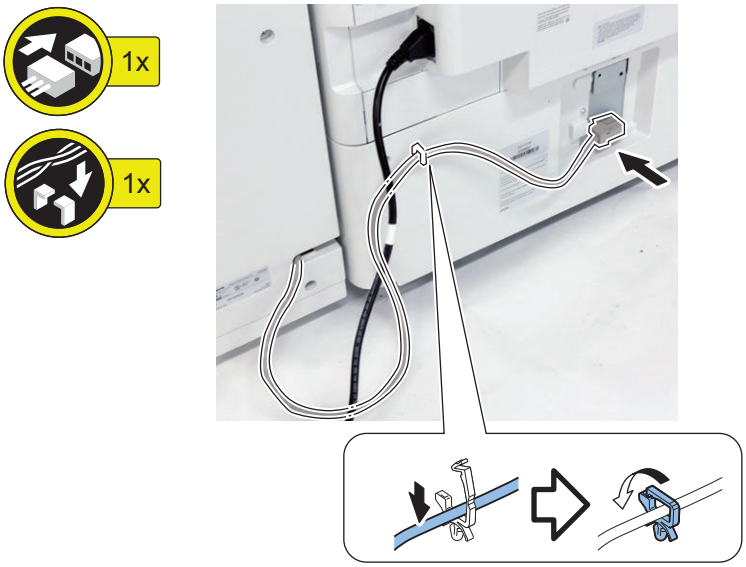
6. **Attach the wire saddle**



☐

7. **Connect the lattice connector to the host machine and then fix the harness with the wire saddle.**
   - 1 Connector
   - 1 Wire Saddle

⚠ CAUTION:
Check that the main power switch is OFF and the power plug is disconnected from the outlet.



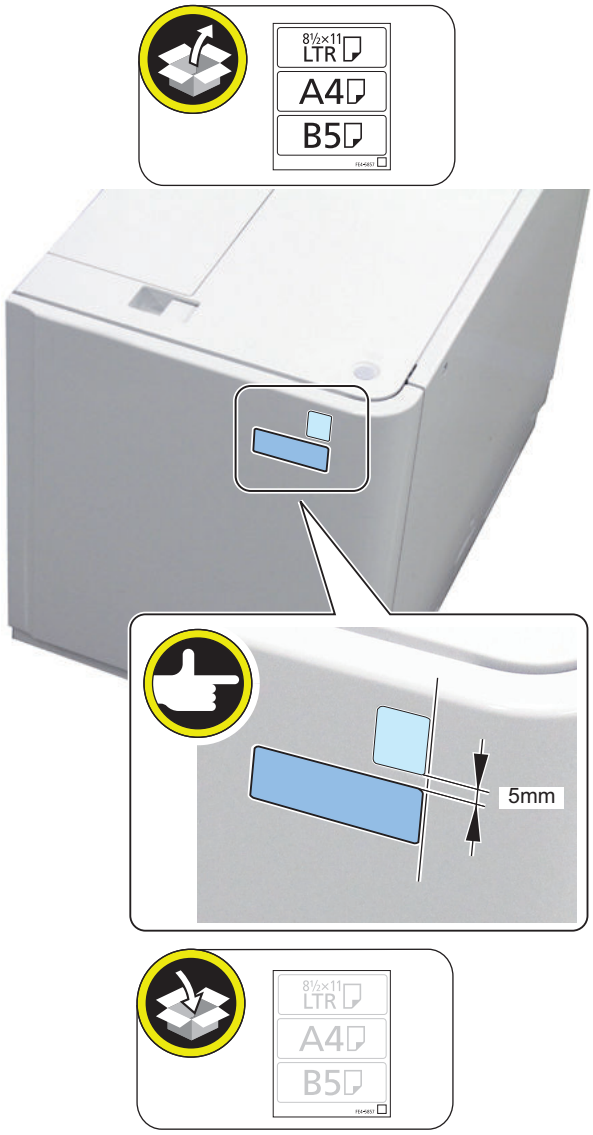
☐

8. **Attach the Cassette No. Label "4" or "5".**
   - High Capacity Cassette Feeding Unit is installed:4
   - Cassette Feeding Unit is installed:5

☐

9. Attach the Paper Size Label with a gap in 5mm from the cassette No. Label while aligning right edge of the labels.

NOTE:
Keep the paper size label for use when paper size is changed.



☐

10. Connect the power plug of the host machine to the external source.

☐

11. Turn ON the host machine.

NOTE:
The compartment of the Paper Deck is opened automatically to check that the fixing part fixing the lifter plate, cushioning material and tapes are surely removed.

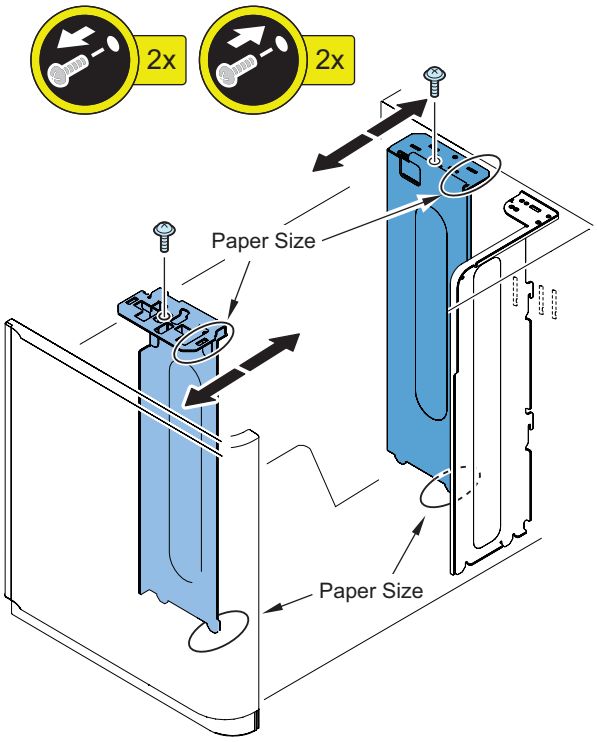
■ Switching the Paper Size

☐

1. **Press the open button to open the compartment.**

☐

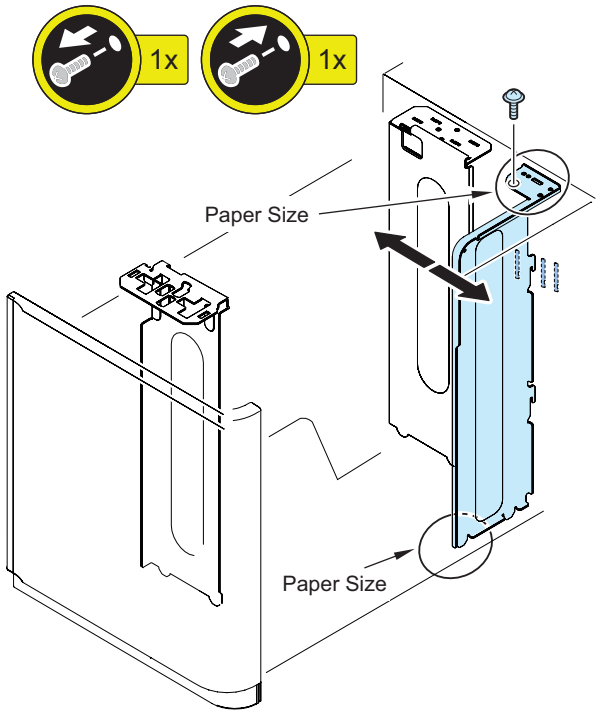
2. **Relocate the paper guide plate at the specified paper size.**
   Paper size is marked as shown in the figure.
   - 2 Screws



CAUTION:
The paper jam may occur when the paper size is different between top and bottom of the paper guide plate.

☐

3. **Relocate the paper guide plate at the specified paper length.**
   Paper size is marked as shown in the figure.
   - 1 Screw



CAUTION:
The paper jam may occur when the paper size is different between top and bottom of the paper guide plate.

☐

4. **Set paper in the compartment and close it.**

☐

5. **Set the paper size on the service mode.**
   (Lv.1) COPIER > OPTION > ACC > DK-P
   - 0: A4
   - 1: B5
   - 2: LTR

Checking after Installation

■ Disposal Parts

Following disposal parts are remained after completion of the installation work.

☐	[1]	Screw (Tooth Washer Sems; M4x8)	4pcs
☐	[2]	Screw (TP; M3x6)	2pcs
☐	[3]	Screw (Binding (Black); M4x25)	3pcs
☐	[4]	Cassette No. Label	1pc
☐	[5]	Paper Size Label	1pc
☐	[6]	Face Part	2pcs
☐	[7]	Face Cover	1pc
☐	[8]	Face Seal	3pcs

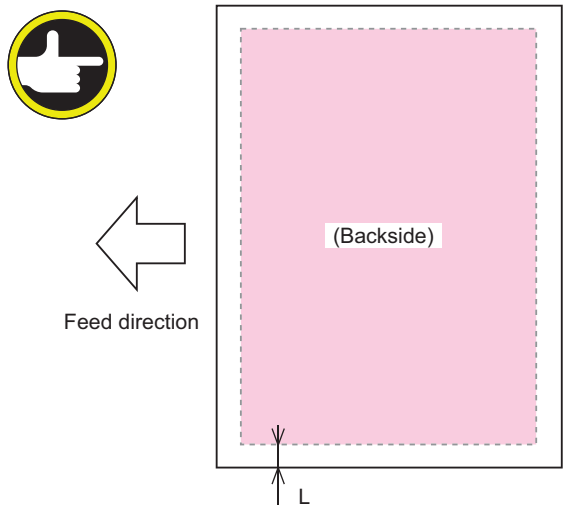
☐	[9]	Connector Cover	1pc
☐	[10]	Latch Plate C (Front)	1pc
☐	[11]	Latch Plate D (Rear)	1pc

Paper Positioning Check/Adjustment Procedure

■ Adjusting Left Edge Margin(L) of Image

☐

1. **Feed paper from the Paper Deck. Check that L is 2.5+/-1.5mm. Adjust L on the following procedure when it is out of above range.**



■ Service Mode Adjustment

☐

1. **Adjust the setting value on the following service mode.**
   - COPIER > ADJUST > FEED-ADJ > ADJ-DK

NOTE:
Setting Range: -50 to 50 (1 unit= 0.1mm)
L is increased 0.1mm by setting value 1.
- +: L is increased
- -: L is decreased

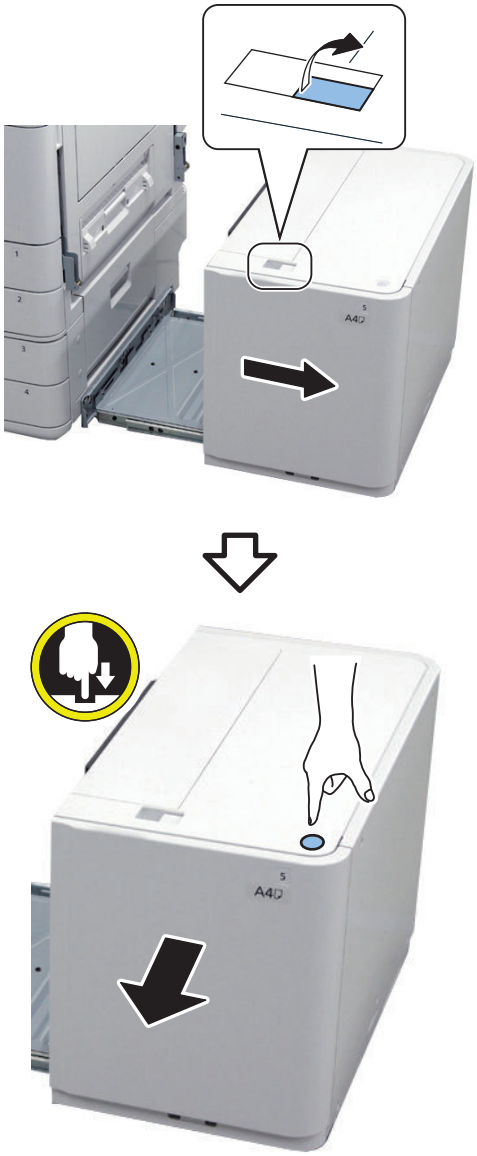
☐

2. **Feed paper from the Paper Deck. Check that L is 2.5+/-1.5mm. In the case, L is out of the range, set the adjustment value to 0 and then adjust L manually on the following procedure.**

■ Manual Adjustment

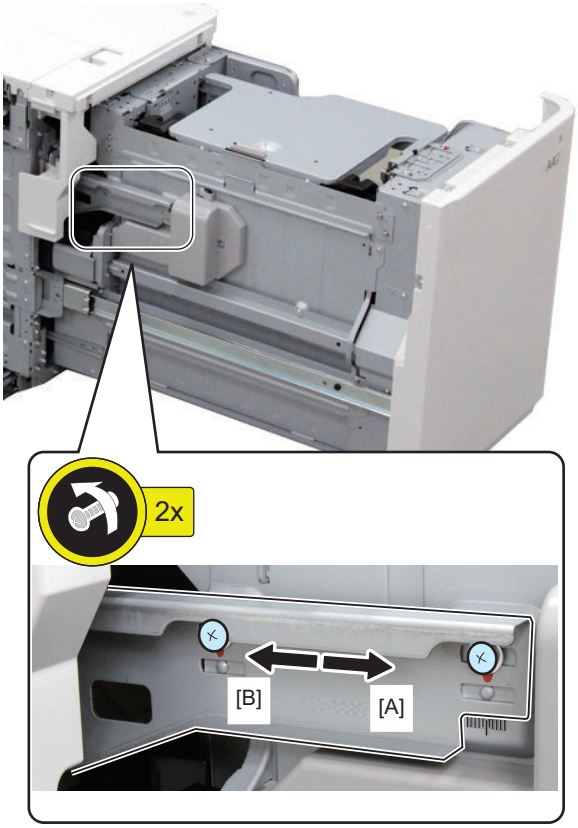
☐

1. **Release the Paper Deck from the host machine and press the open button of the Paper Deck to open the compartment.**



☐

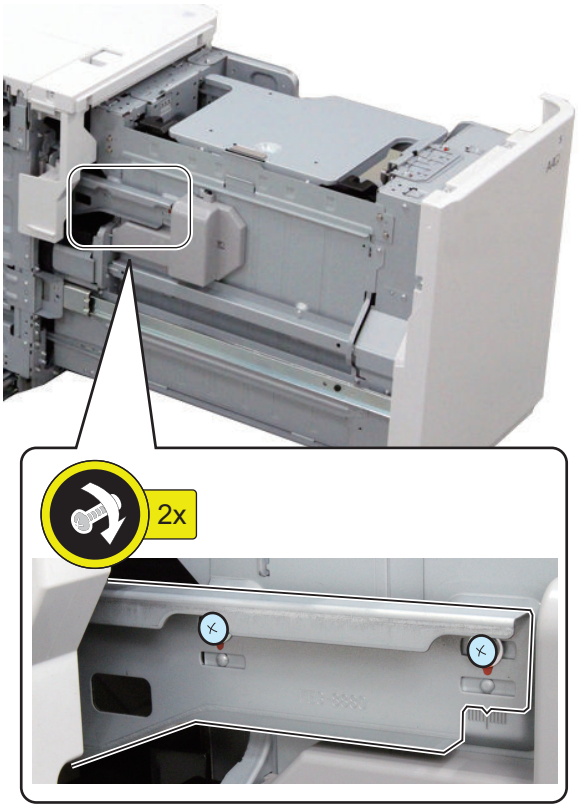
2. **Loosen the screws at the latch plate and then adjust the latch plate (1scale = 1mm).**
   - 2 Screws
   - When L is large, move the latch plate to front [A].
   - When L is small, move the latch plate to rear [B].



NOTE:
The screws retaining the latch plate are locked with the paint to avoid loosening during the transport. Loosen the paint-locked screws for the adjustment.

☐

3. **Fasten the screws.**
   - 2 Screws



☐

4. **Move the front cover fitting to the amount of the latch plate movement. Refer to the next item "Front Cover Positioning Adjustment" for detail.**

☐

5. **Close the compartment and connect to the host machine.**

☐

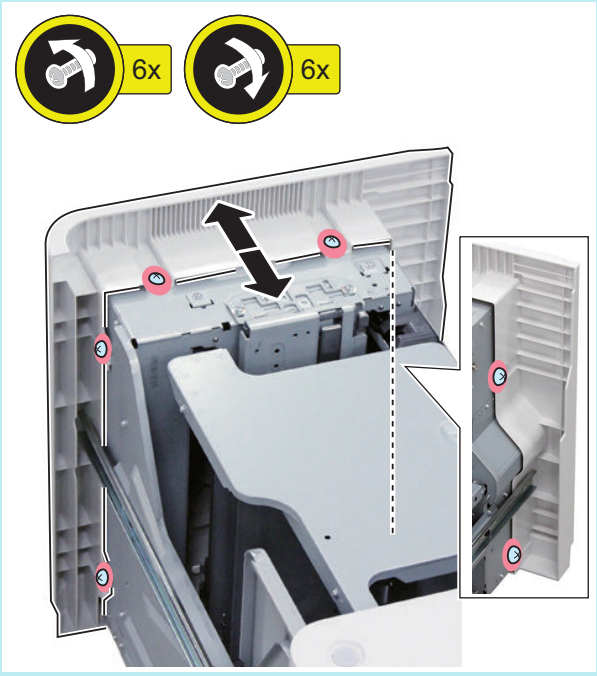
6. **Feed paper from the Paper Deck. Check that L is 2.5+/-1.5mm. Re-adjust L when it is out of the range.**

■ Front Cover Positioning Adjustment

☐

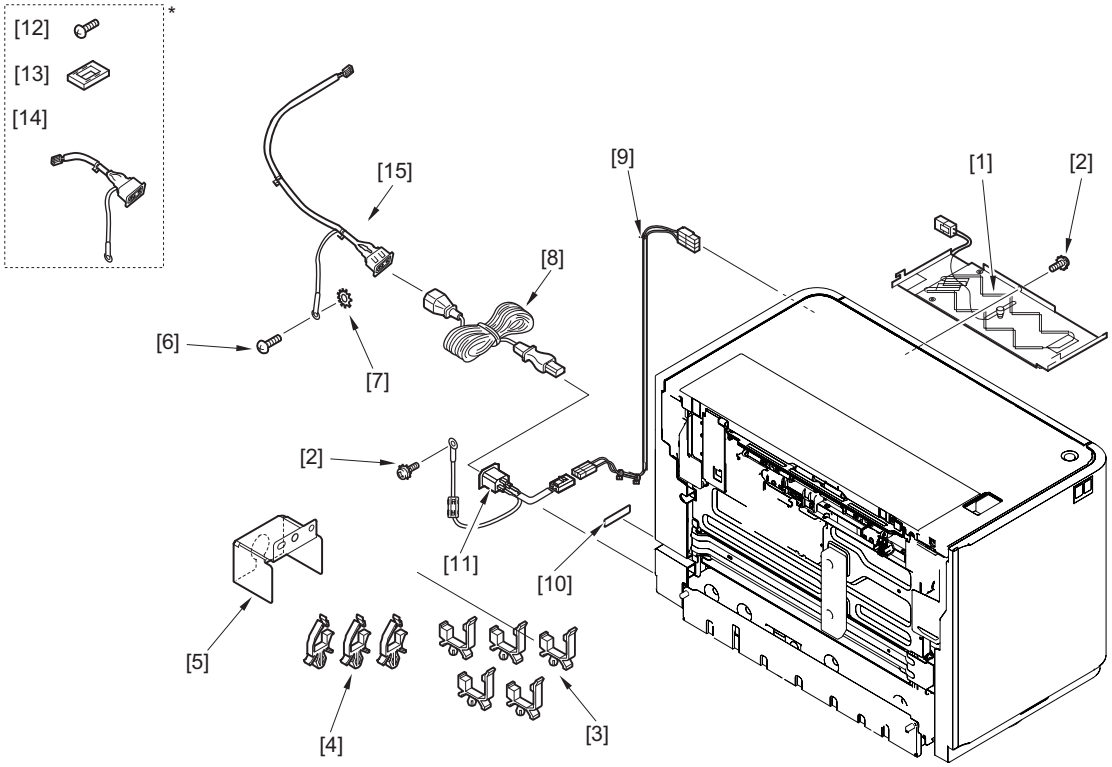
1. **Check the gap on the front cover.**
   - Gap between the front cover and the right cover:
     3+/-1mm
   - Gap between the front cover and the upper cover:
     4+/-1mm

NOTE:
Loosen the screws on the front cover and then adjust the gap within the range.
- 6 Screws



Paper Deck Heater Unit-C1

Checking the Contents



☐[1] Heater Unit 1pc
☐[2] Screw (Toothed Washer Sems; M4x8) 2pcs
☐[3] Wire Saddle (Black) 5pcs
☐[4] Wire Saddle (White) 3pcs (1pc is not used)
☐[5] Plug Cover 1pc
☐[6] Screw (Binding ; M4x6) 1pc
☐[7] Toothed Washer 1pc
☐[8] AC Cable 1pc
☐[9] Relay Harness Unit 1pc
☐[10] Power Supply Label 2pcs (1pc is not used)
☐[11] AC Input Connector 1pc
☐[12] Screw (Binding ; M4x4) 1pc*
☐[13] Cable Protection Bushing 1pc *
☐[14] AC Output Connector (short) 1pc *
☐[15] AC Output Connector (long) 1pc

*The parts[12][13][14]are not used for the installation of the Heater Unit.

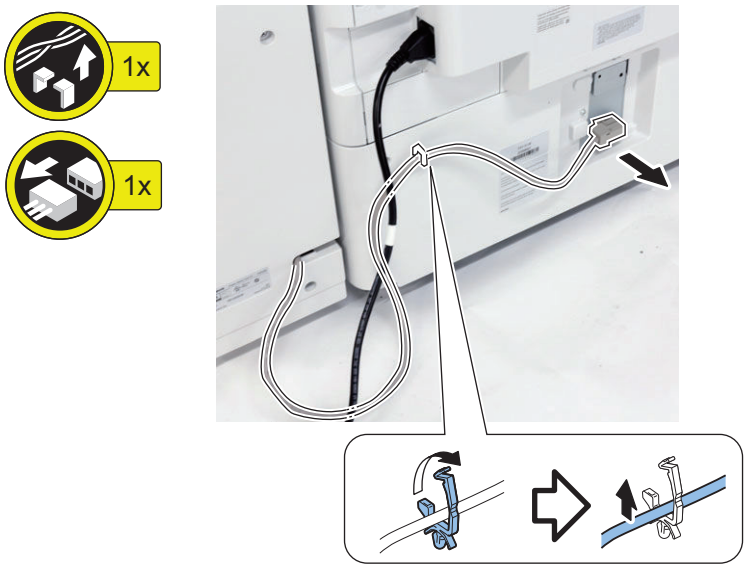
<Others>
Including guides

Installation Procedure

■ Preparation of the Paper Deck Unit

☐

1. **Disconnect the Lattice Connector from the host machine.**
   - 1 Wire Saddle
   - 1 Connector



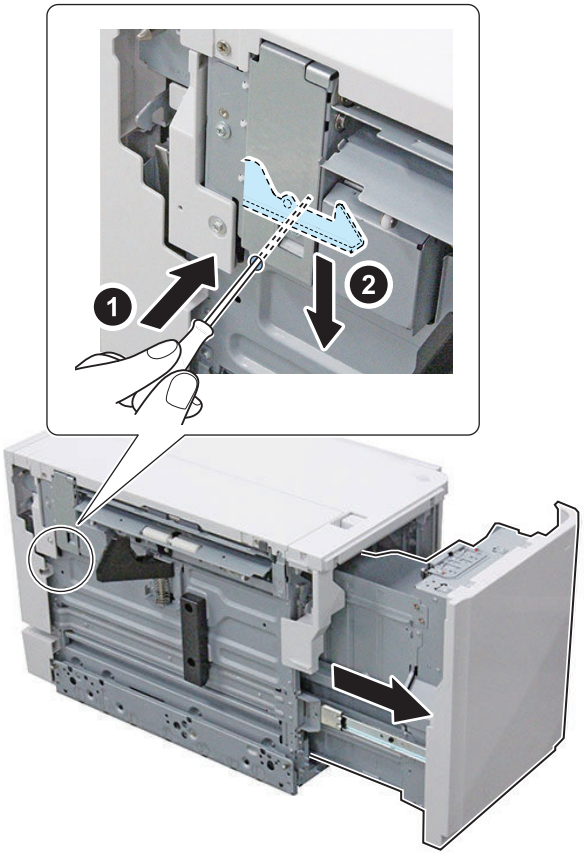
☐

2. **Pull the Release Lever and then with draw the Paper Deck Unit until it stops.**

☐

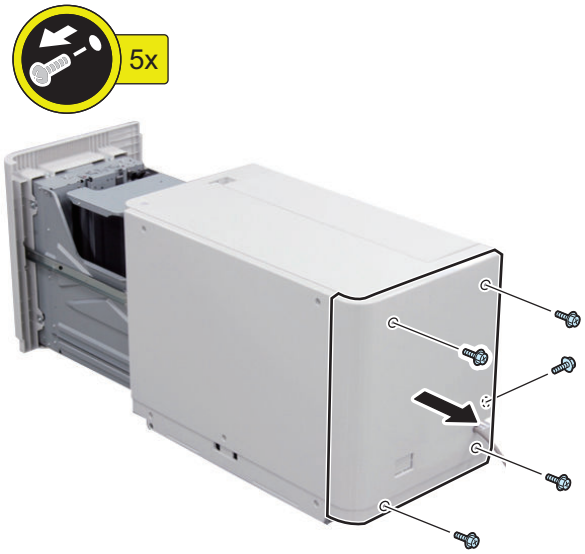
3. **Insert screwdrivers into the hole at rear left side of the Compartment and then release the lever to open it.**

NOTE:
Insert screwdrivers into the hole indicated by the arrow.



☐

4. **Remove the Rear Cover.**
   - 5 Screws



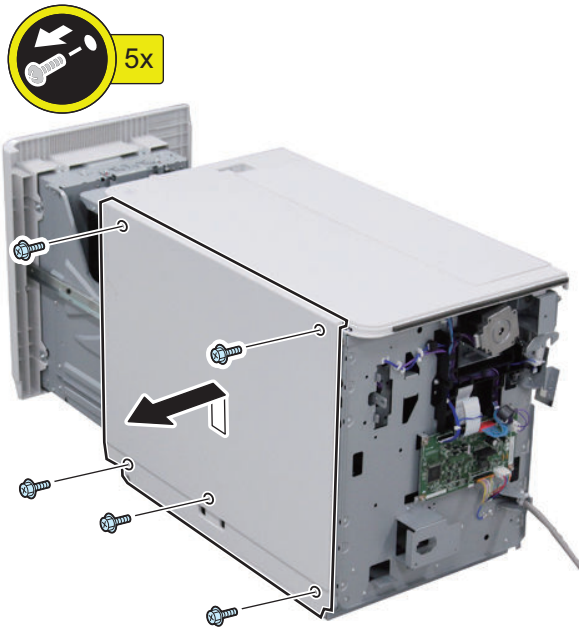
☐

5. Cut the Face Cover from the Rear Cover.

CAUTION:
Be sure to remove the Face Cover properly so that no burr is formed.

☐

6. **Remove the Right Cover.**
   - 5 Screws

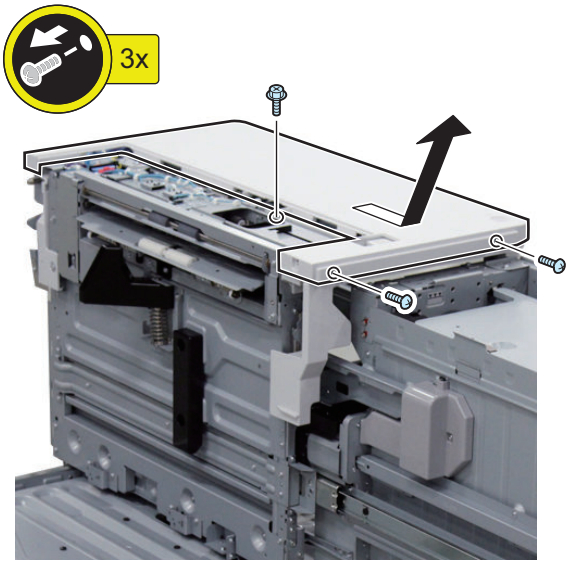


☐

7. **Loosen the 2 screws and then remove the Upper Left Cover.**

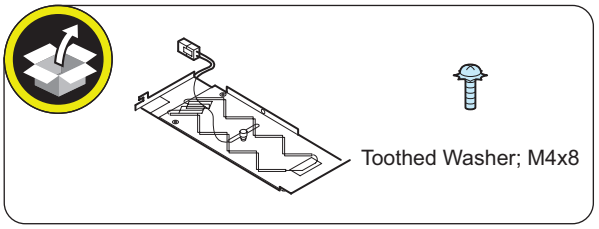
☐

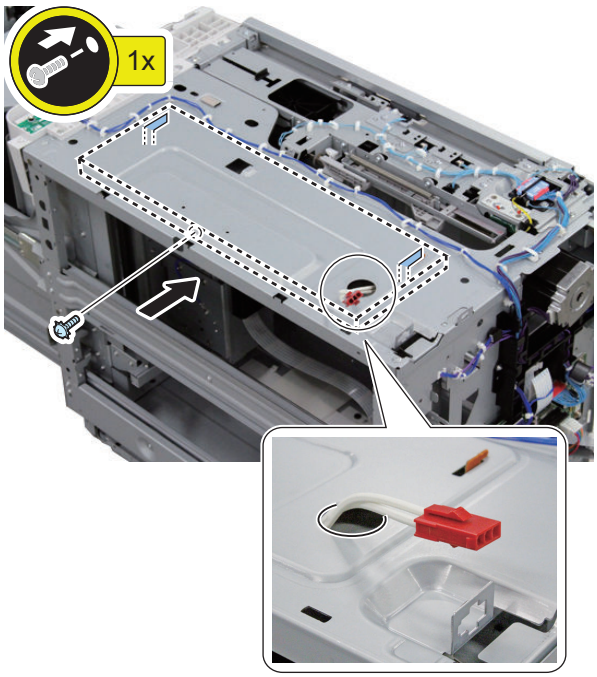
8. **Remove the Upper Cover.**
   - 3 Screws



☐

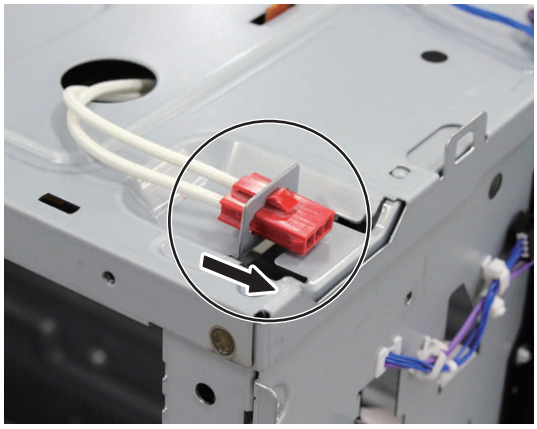
9. **Put the connector through the hole in the top plate and then fix the Heater Unit.**
   - 2 Hooks
   - 1 Screw (Toothed Washer Sems; M4x8)





☐

10. Insert the connector of the Heater Unit to the panel mount part.

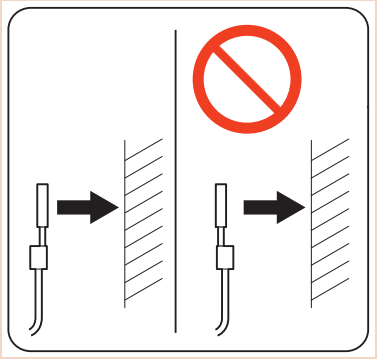


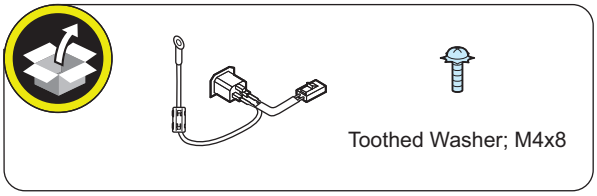
☐

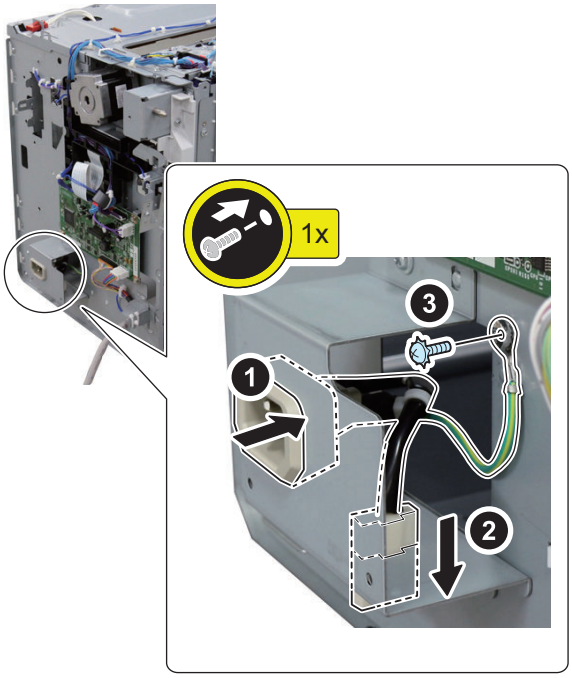
11. Install the AC Input Connector in the power cord mount.

- 1 Screw (Toothed Washer Sems; M4x8)

CAUTION:
Fix the Grounding Cable in the correct direction.

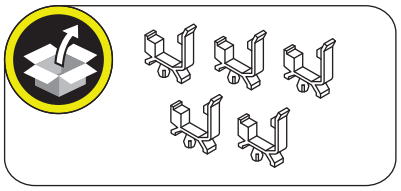


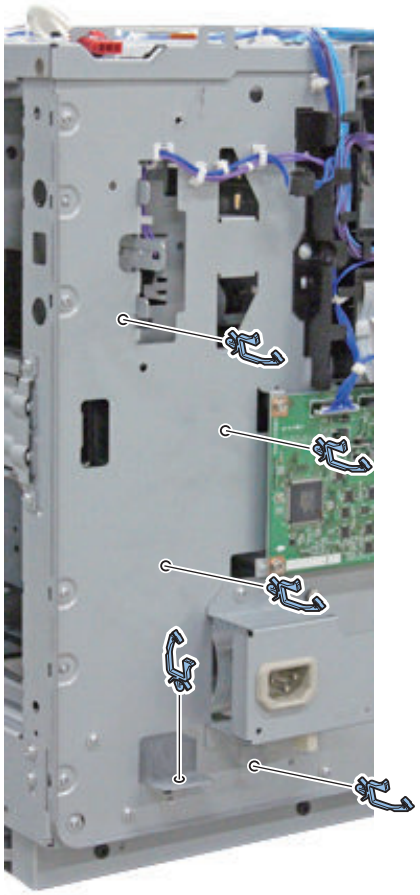




☐

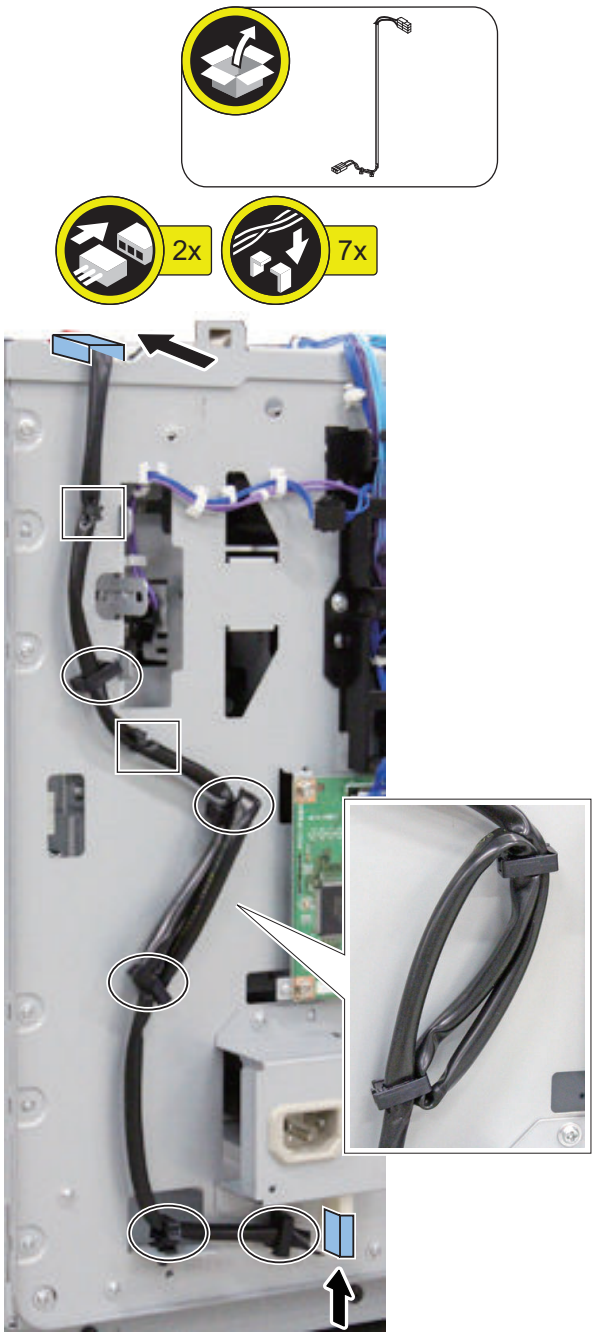
12. Install the Wire Saddles (black) as shown in the figure.





☐

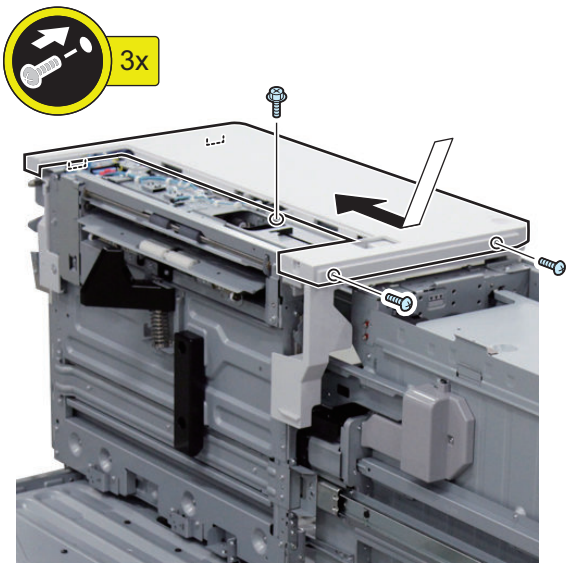
13. **Connect the Relay Harness Unit and then fix it with the Wire Saddles (black) and Reuse Bands as shown in the figure.**
    - 2 Connectors
    - 2 Reuse Bands
    - 5 Wire Saddles (black)



☐

14. Install the Upper Cover.

- 2 Protrusions
- 2 Screws (P Tightening; M4x8)
- 1 Screw (RS tightening; M4x8)



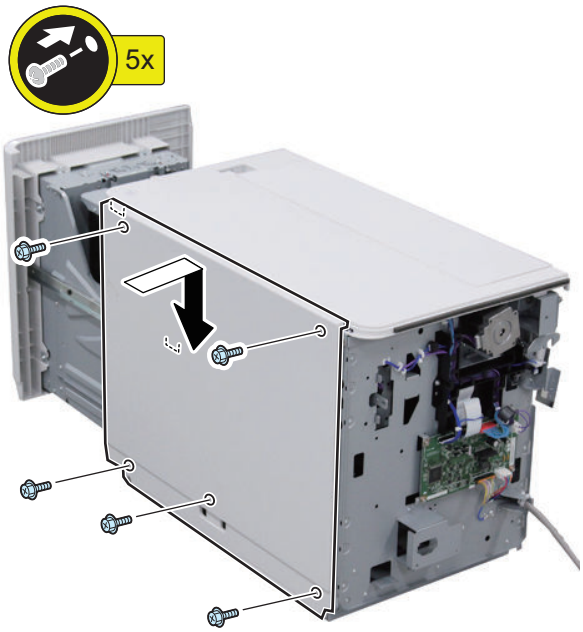
☐

15. Fasten the 2 screws to install the Upper Left Cover.

☐

16. Install the Right Cover.

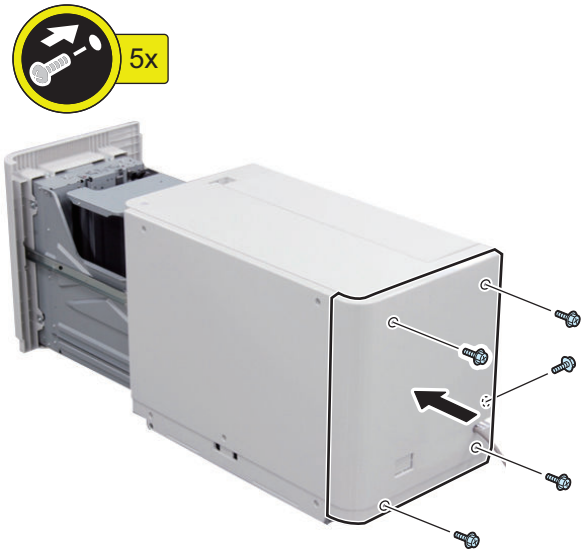
- 2 Hooks
- 5 Screws (RS Tightening; M4x8)



☐

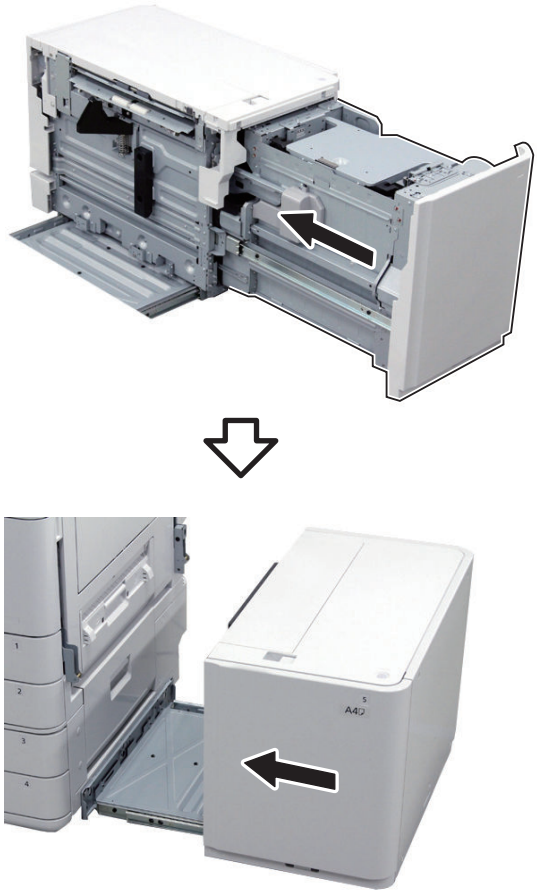
17. Install the Rear Cover.

- 5 Screws (RS Tightening; M4x8)



☐

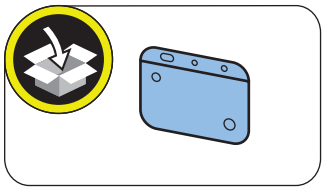
18. **Close the Compartment and then connect the Paper Deck Unit with the host machine.**



■ Preparation of the Host Machine

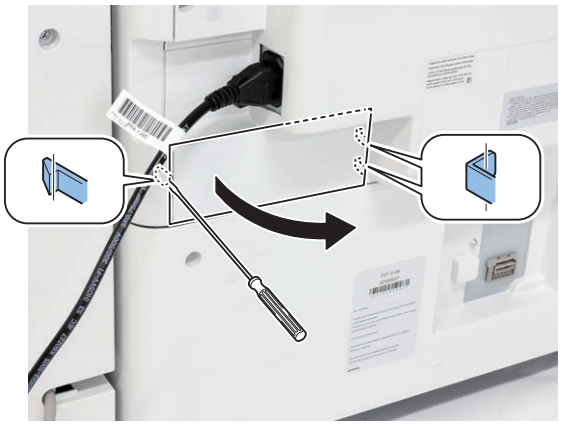
☐

1. **Remove the Deck Heater Plug Cover (The removed screw is used by a later procedure).**
   - 1 Screw



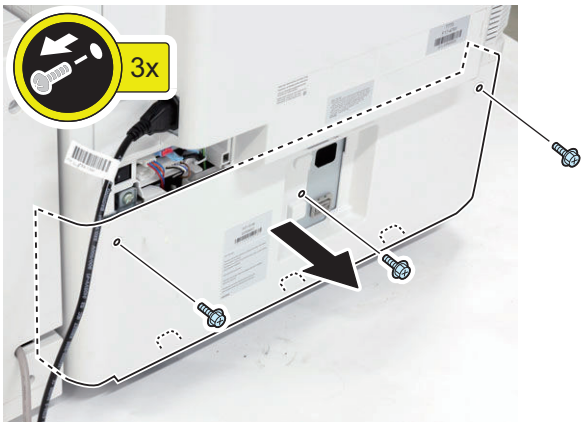
☐

2. **Remove the Connector Cover.**
   - 1 Claw
   - 2 Hooks



☐

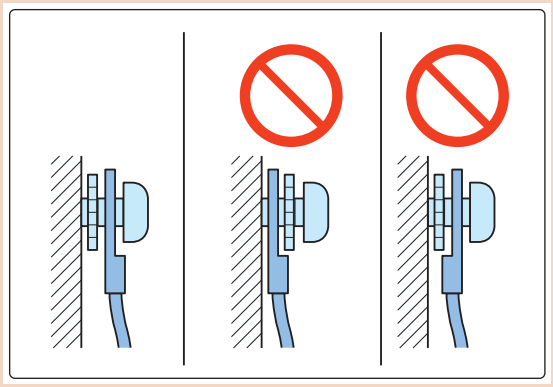
3. **Remove the Pedestal Rear Cover.**
   - 3 Screws
   - 3 Hooks

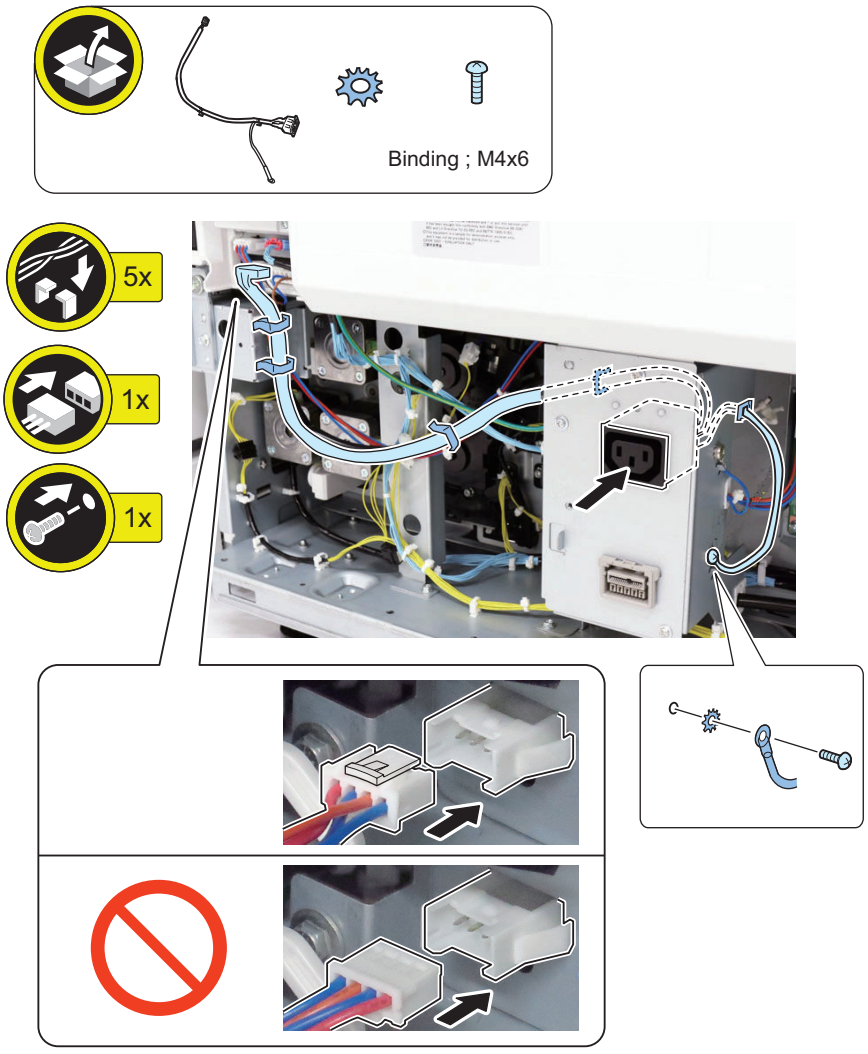


☐

4. **Install the AC Output Connector (long).**
   - 5 Wire Saddle
   - 1 Connector
   - 1 Toothed Washer
   - 1 Screw (Binding ; M4x6)

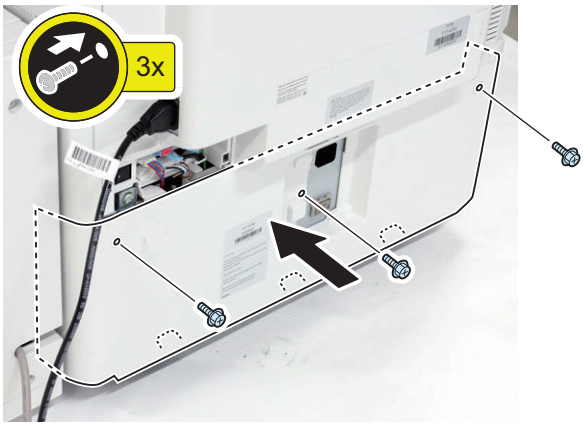
CAUTION:
Fix the Grounding Cable as shown in the figure.





☐

5. **Install the Pedestal Rear Cover.**
   - 3 Hooks
   - 3 Screws

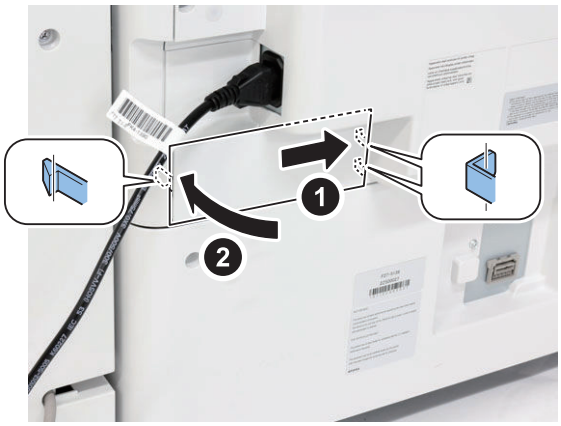


☐

6. **Check that turn ON the environment switch.**

☐

7. **Install the Connector Cover.**
   - 2 Hooks
   - 1 Claw



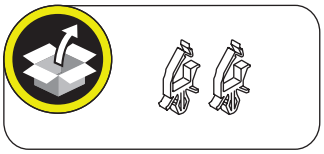
■ Connection with the Host Machine

☐

1. **Remove the Face Seals.**

☐

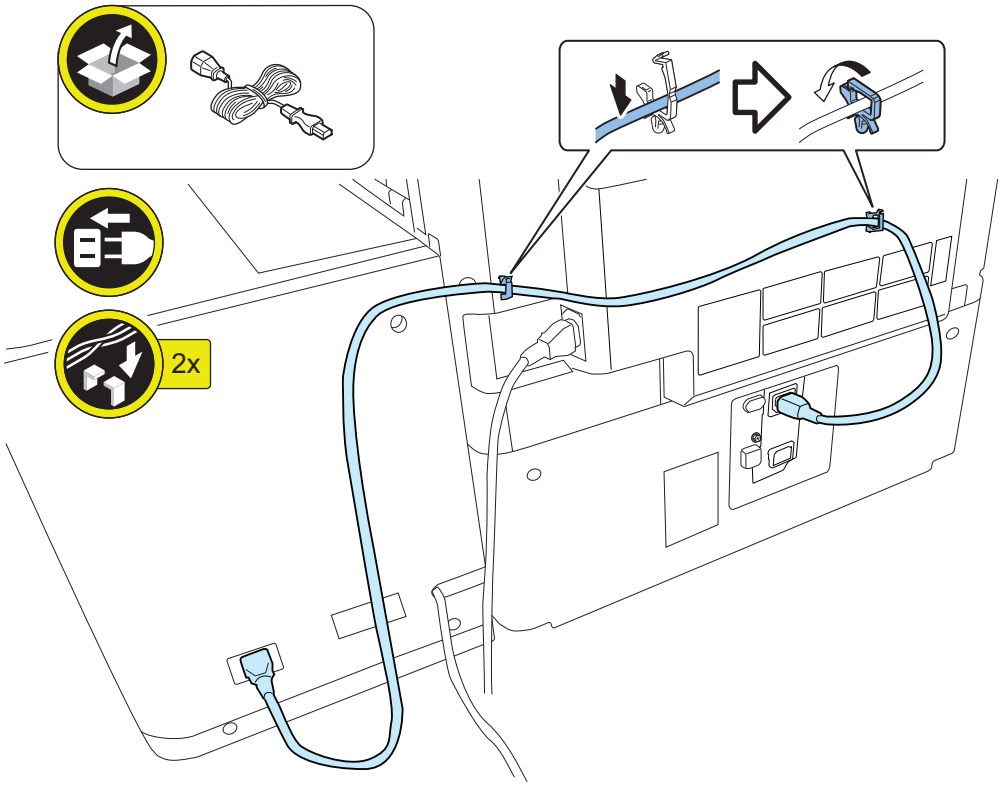
2. **Attach the Wire Saddles (white).**



☐

3. **Connect the host machine and the Paper Deck Unit with the AC Cable and then fix it with the wire saddles.**
   - 2 Wire saddles

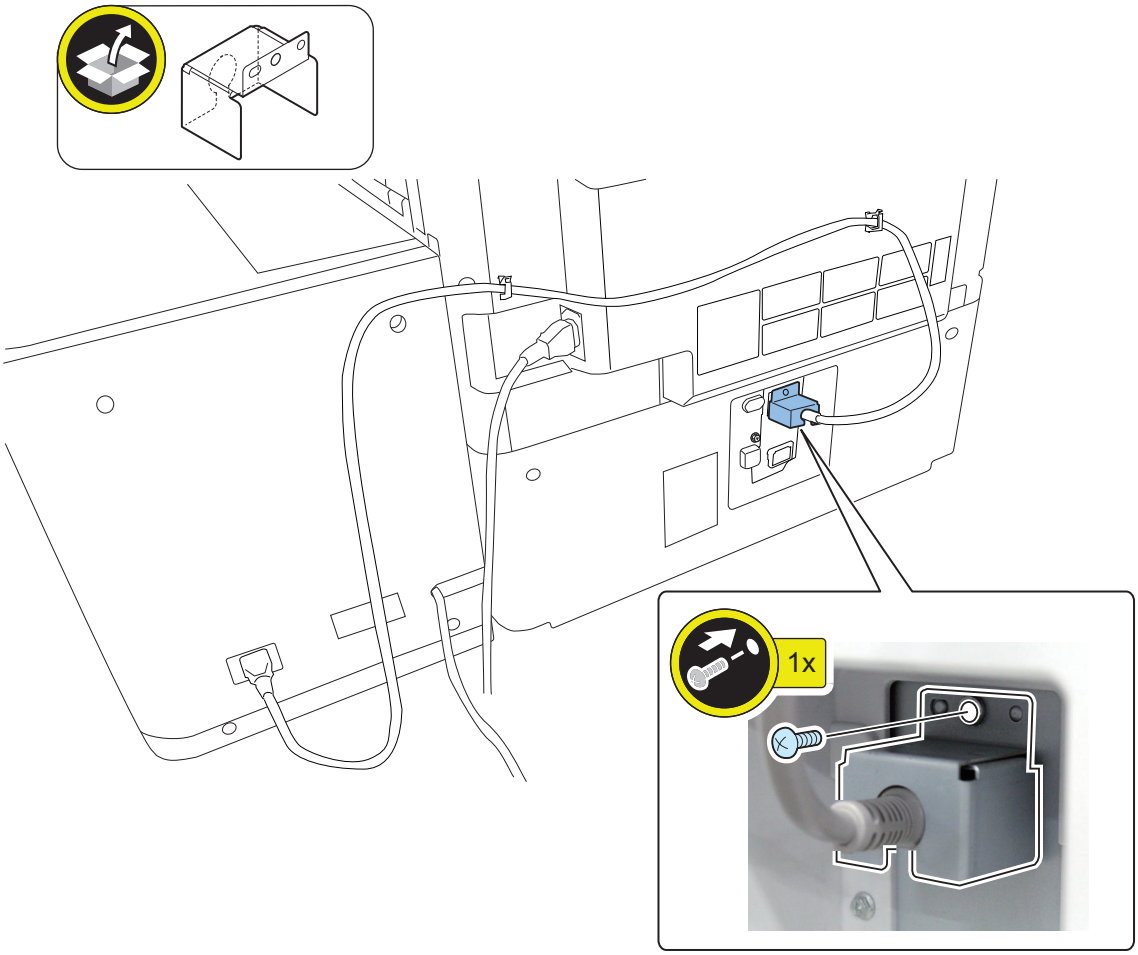
⚠ CAUTION:
Make sure that the Intermediate Power Cable is fully connected to the outlet.



☐

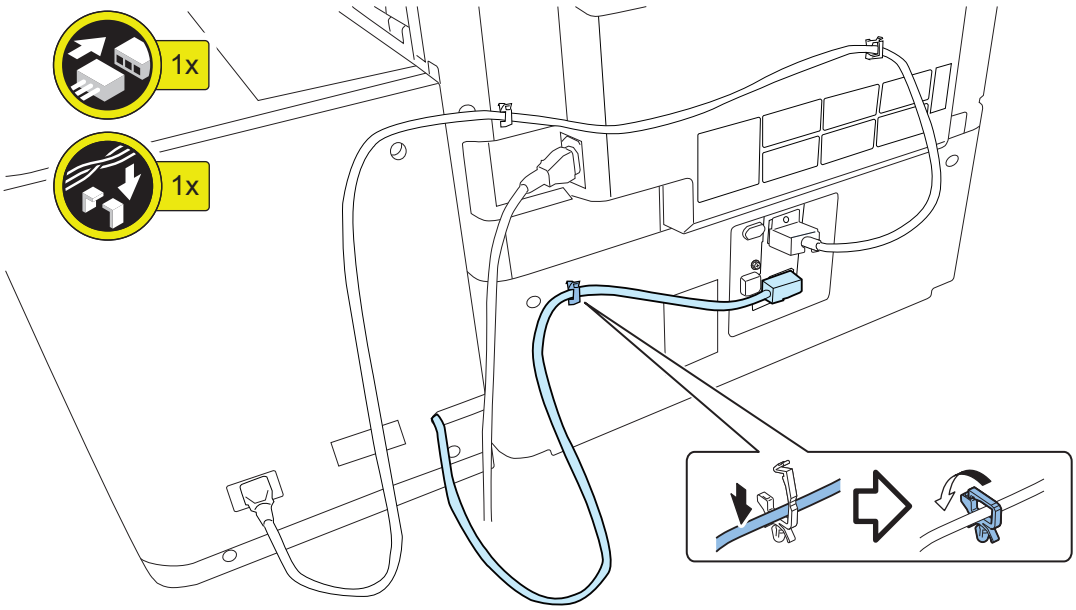
4. **Attach the bundled Plug Cover.**
   - 1 Screw (Binding; M4x4) (Use the screw removed at previous step.)

⚠ CAUTION:
Make sure to install the Plug Cover. If the connection is not right, an accident causing the smoke or fire may occur.



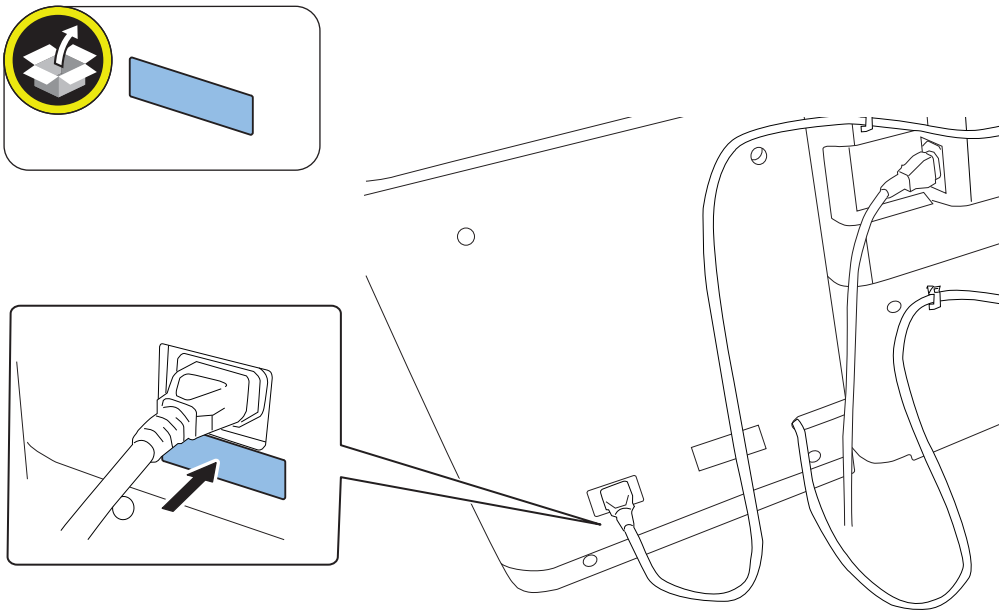
☐

5. **Connect the lattice connector of the Paper Deck to the host machine and then fix the cable with the wire saddle.**
   - 1 Connector
   - 1 Wire saddle



☐

6. **Affix the Power Supply Label as shown in the figure.**



☐

7. **Connect the power plug of the host machine to the power outlet.**

☐

8. **Turn ON the main power switch.**

Checking after Installation

■ Disposal Parts

1. Following disposal parts are remained after the installation procedure.

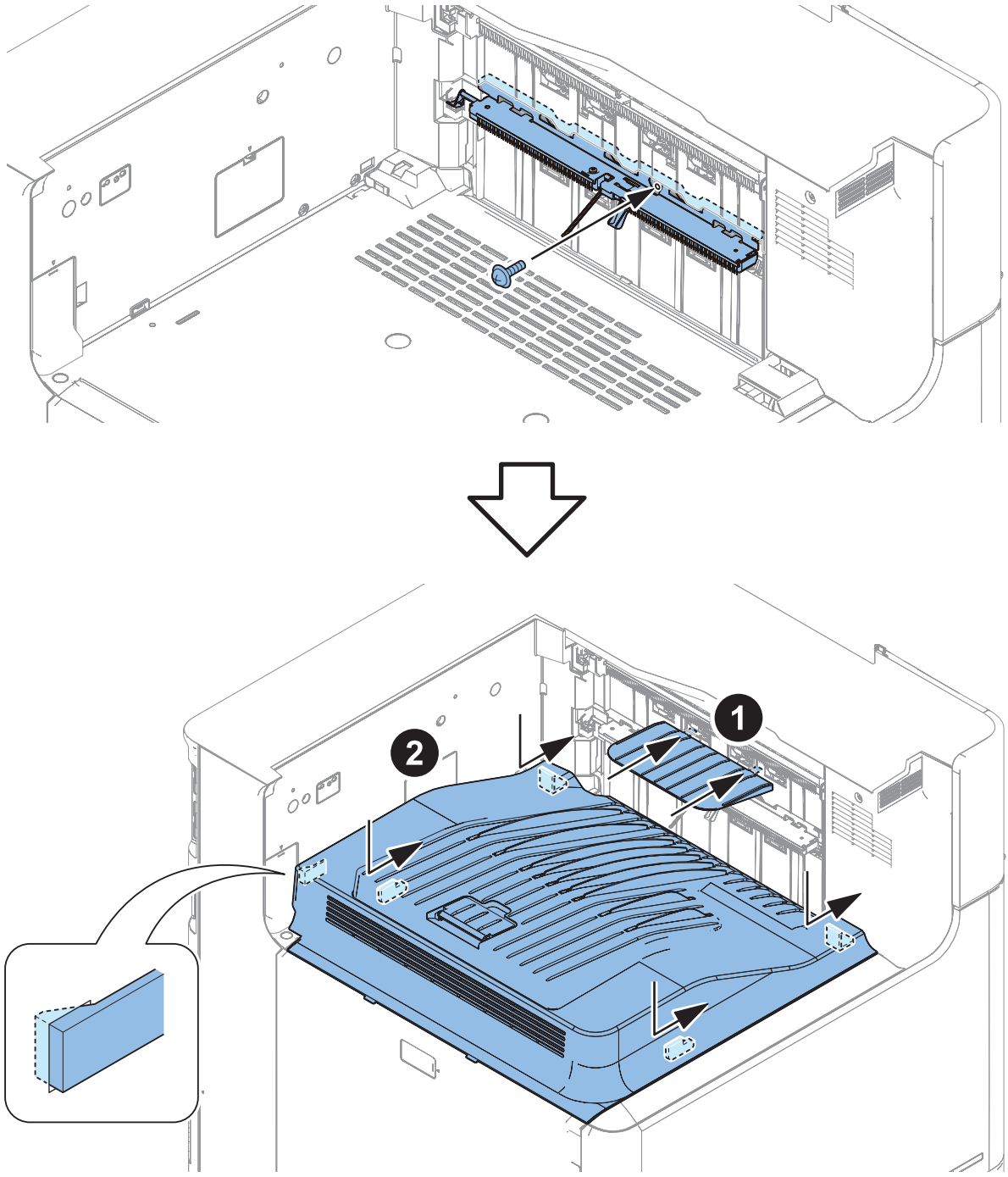
☐	[1]	Screw (Binding; M4x4)	1pc
☐	[2]	Cable Protection Bushing	1pc
☐	[3]	AC Output Connector (short)	1pc
☐	[4]	Power Supply Label	1pc
☐	[5]	Wire Saddle (white)	1pc
☐	[6]	Deck Heater Plug Cover	1pc
☐	[7]	Face Cover	1pc
☐	[8]	Face Seal	2pcs

6 Paper Output Options

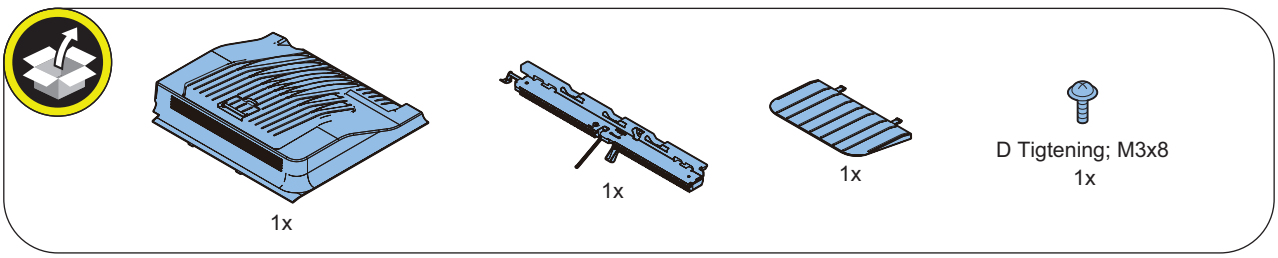
1st Copy Tray Kit-A1.....435
Inner 2way Tray-M1.....438
3rd Copy Tray Kit-A1.....443
Staple Finisher-AB1/ Booklet Finisher-AB1.....447
2/3 2/4 4 Hole Puncher Unit-A1..... 471
Buffer Pass Unit-P1.....496
Inner Finisher-L1.....508
Inner 2/3 2/4 4 Hole Puncher-D1..... 523

1st Copy Tray Kit-A1

Installation Outline Drawing



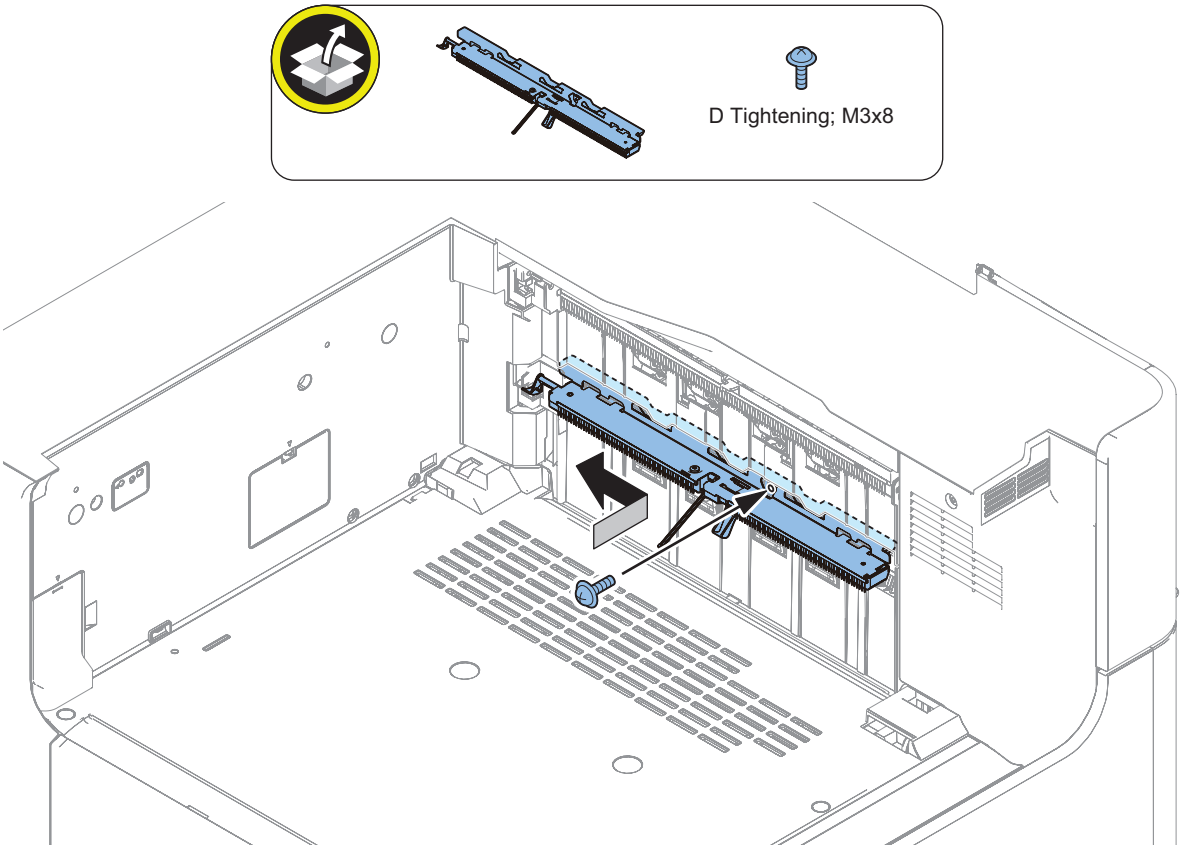
Checking the Contents



Installation Procedure

□

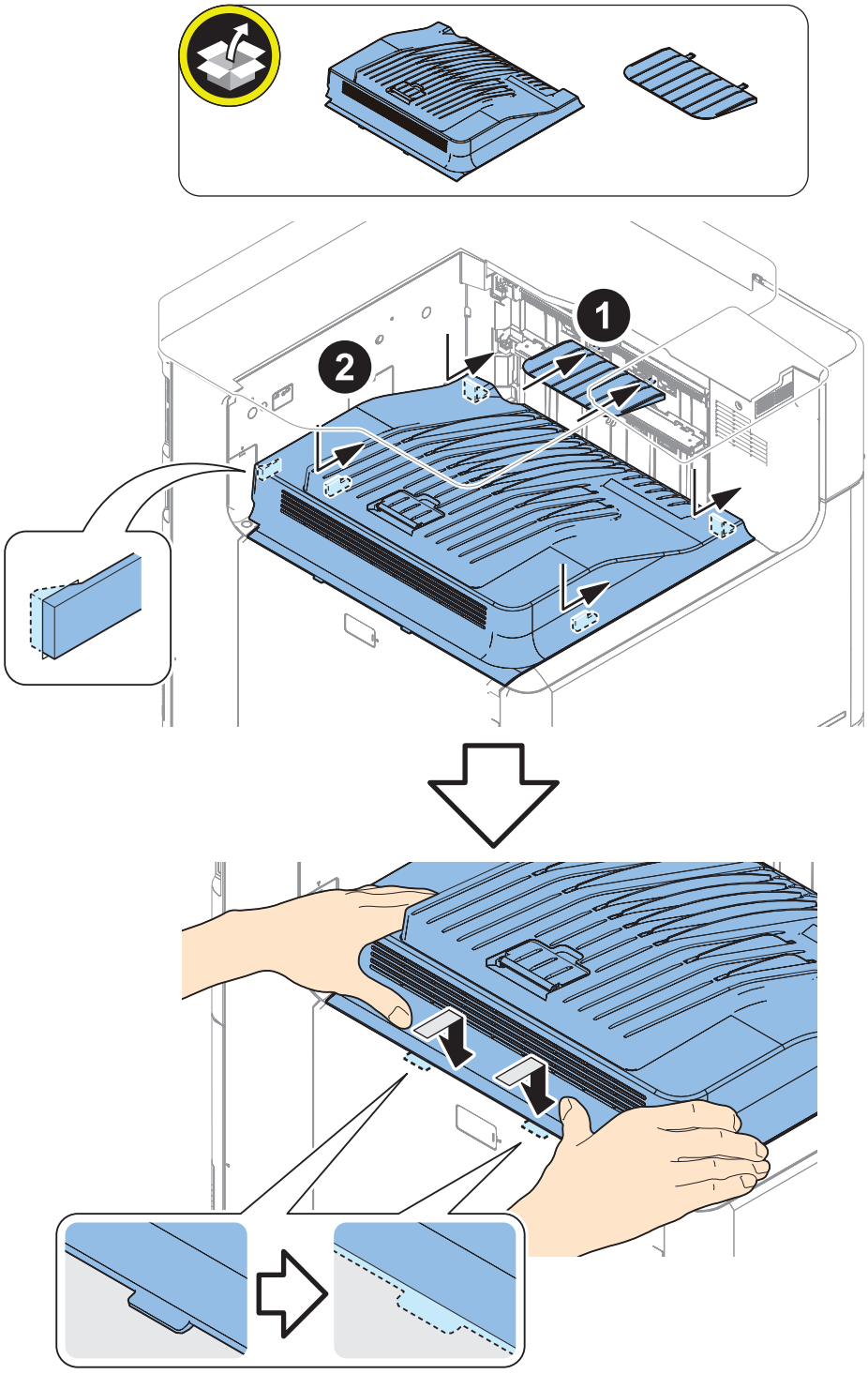
1.



□

2.

CAUTION:
Make sure that the hooks of the 1st Copy Tray Kit are inserted into the Hostmachine.

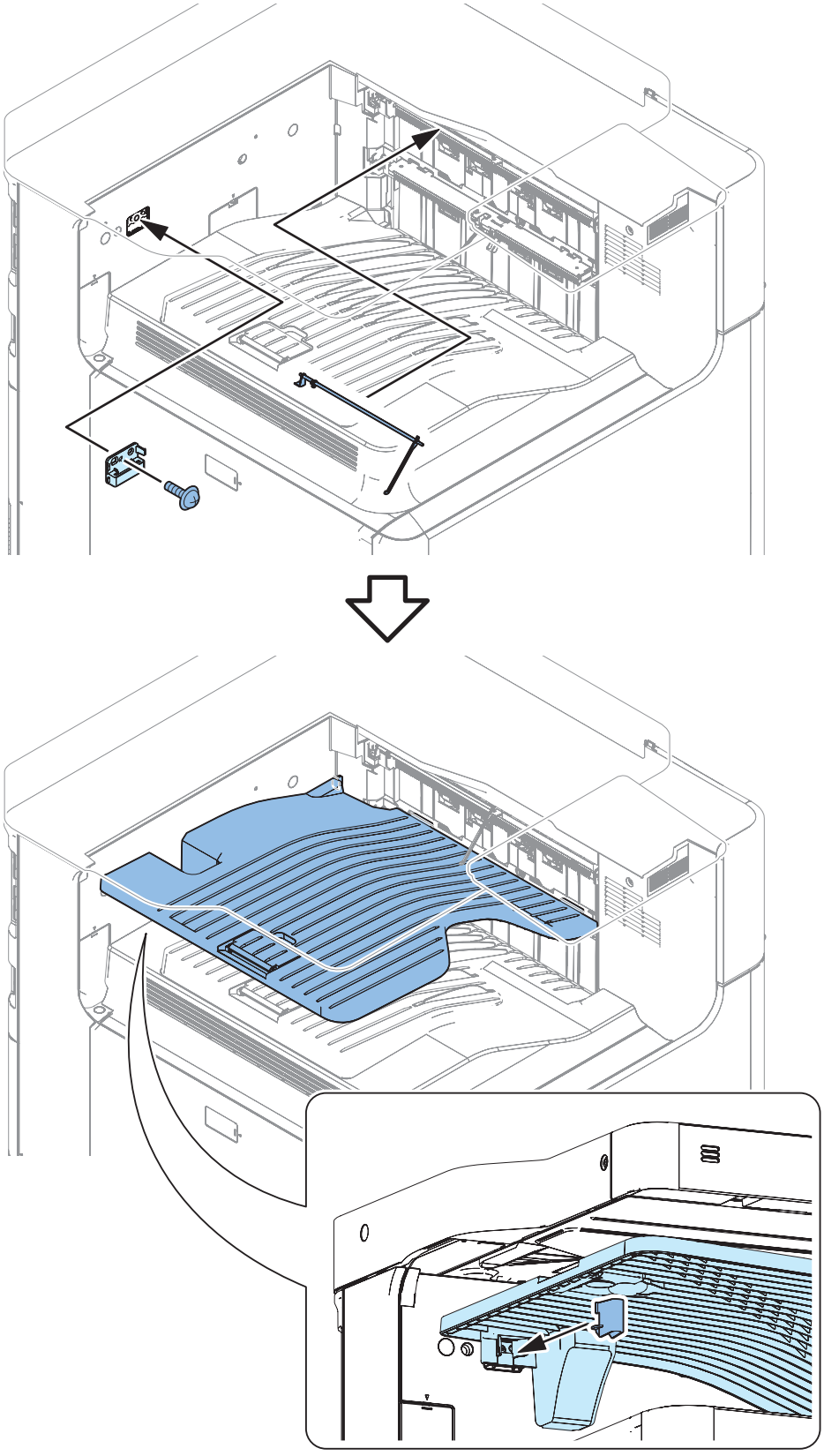


□

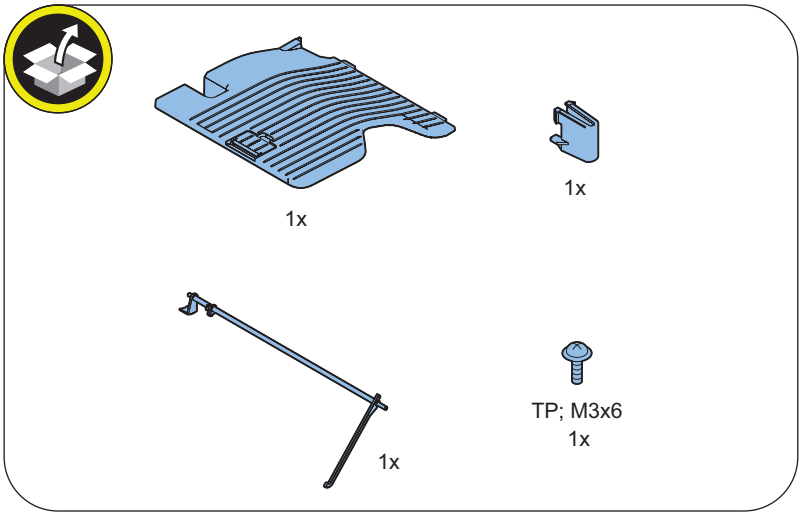
3. Check the paper feed.

Inner 2way Tray-M1

Installation Outline Drawing



Checking the Contents

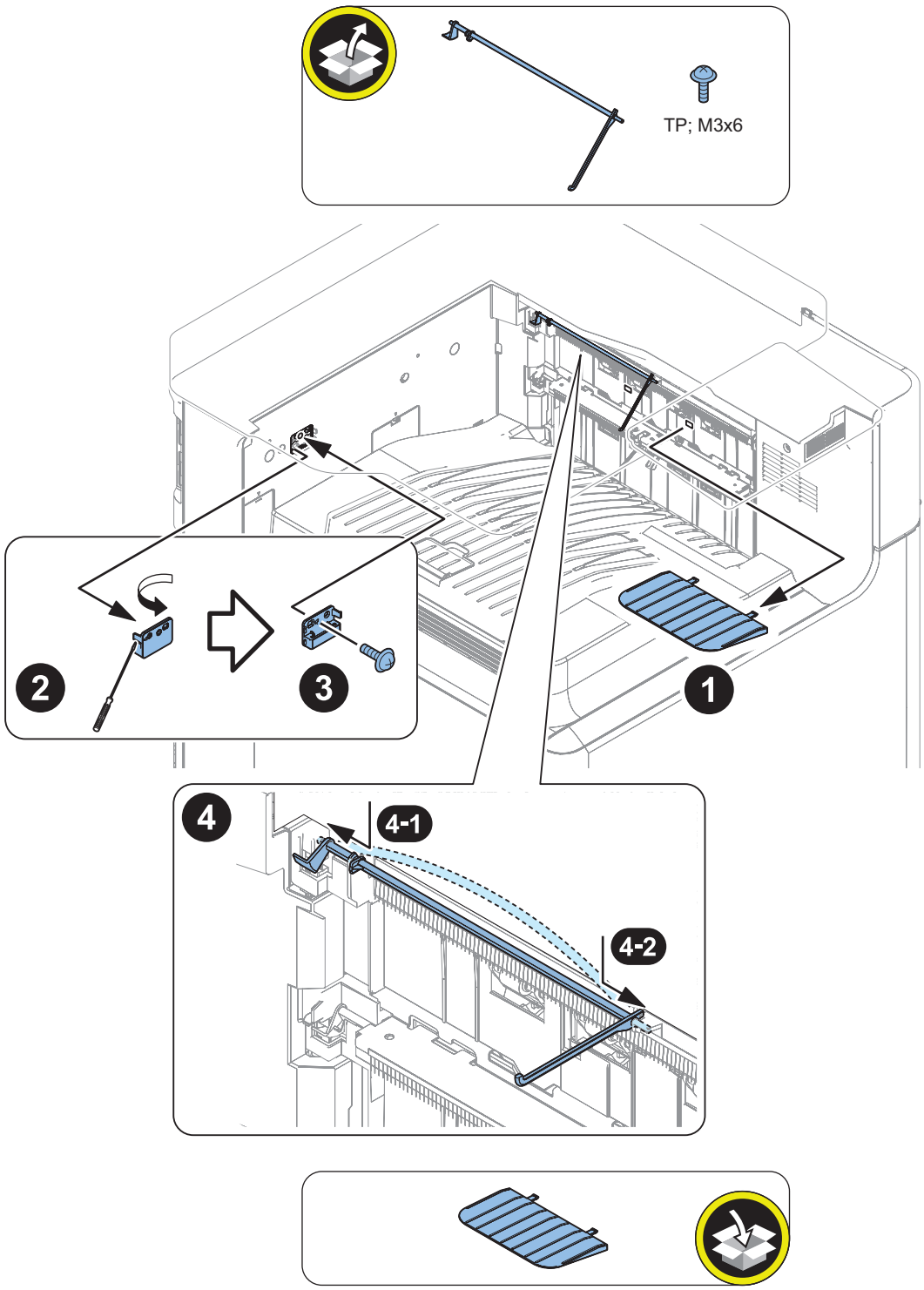


Installation Procedure

□

1.

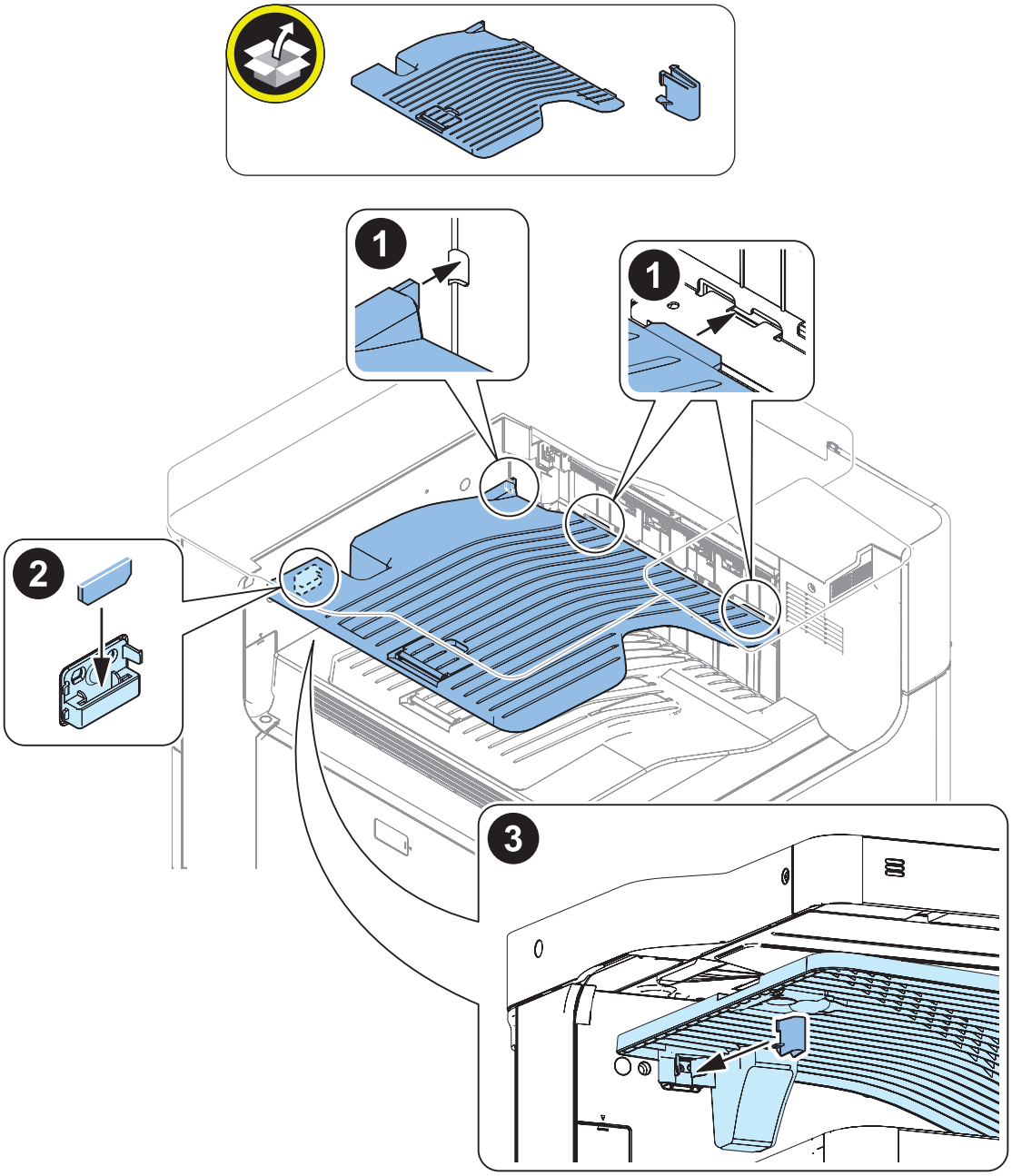
CAUTION:
When the Reverse Trailing Edge Guide has been installed to the host machine, remove it.



☐

2.

Make sure that the Boss of Inner 2way Tray is properly inserted into the Reverse Guide Cover and the Second Delivery Tray Support Plate.



☐

3. **Connect the power plug to the outlet.**

☐

4. **Turn ON the main power switch.**

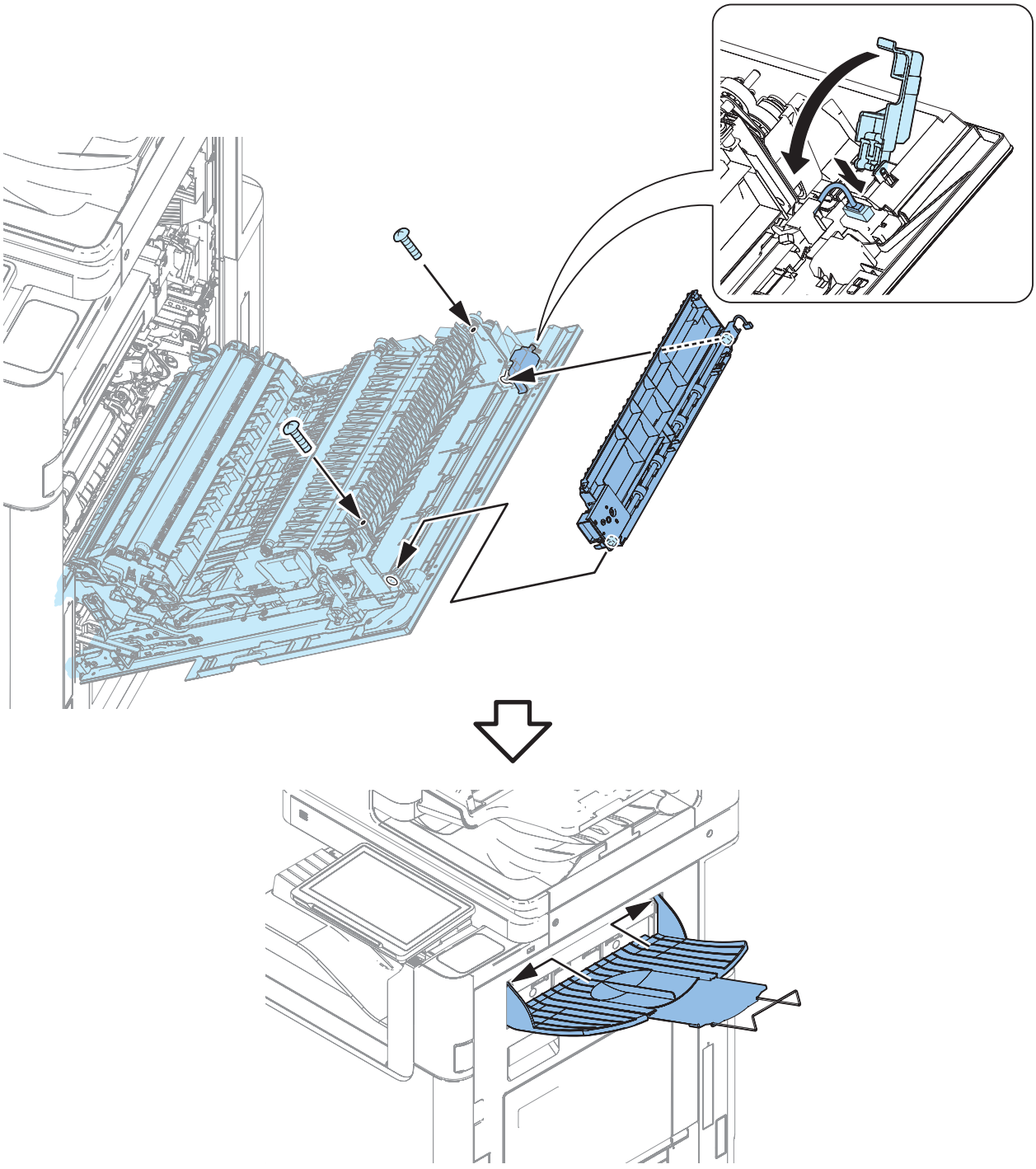
Settings after installation

□

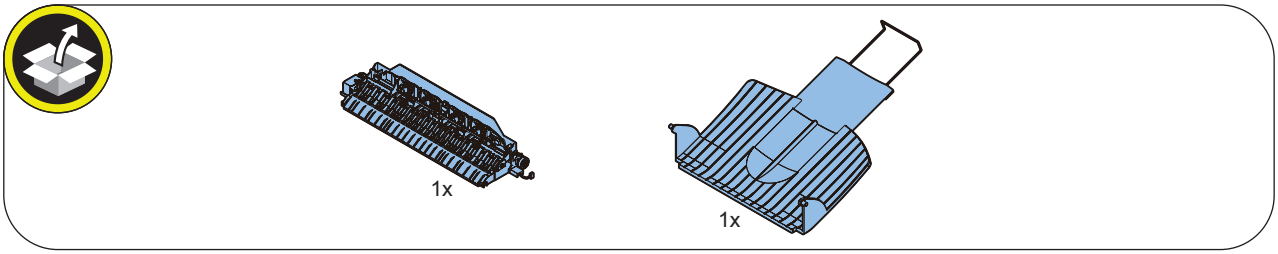
1. **Set the value of the following service mode to "1".**
   COPIER > OPTION > ACC > IN-TRAY
2. **Turn OFF and then ON the main power.**
3. **Check that the following menu has been added.**
   - [Settings/Registration] > [Function Settings] > [Common] > [Paper Output Settings] > [Tray Designation]
4. **Press [Tray Designation].**
5. **According to the user's request, set the function of delivering paper to the Tray A/B/C and the priority order of the trays, and press [OK]. The priority order is displayed as "1", "2", and "3".**
6. **Check that the behavior is in accordance with the settings.**

3rd Copy Tray Kit-A1

Installation Outline Drawing



Checking the Contents



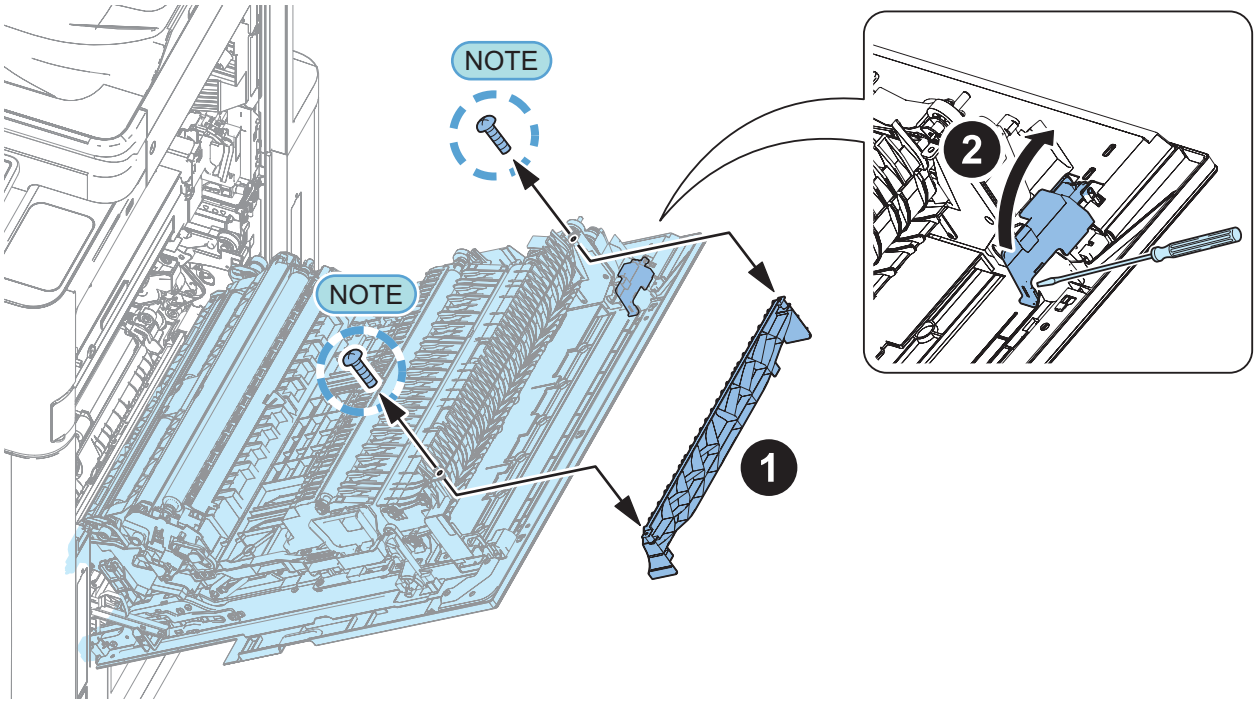
Installation Procedure

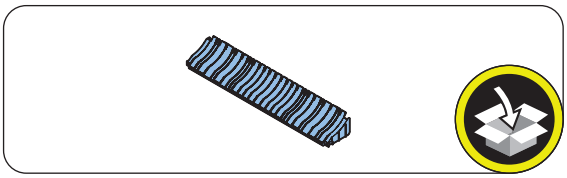
☐

1. **Open the Right Door.**

☐

2.



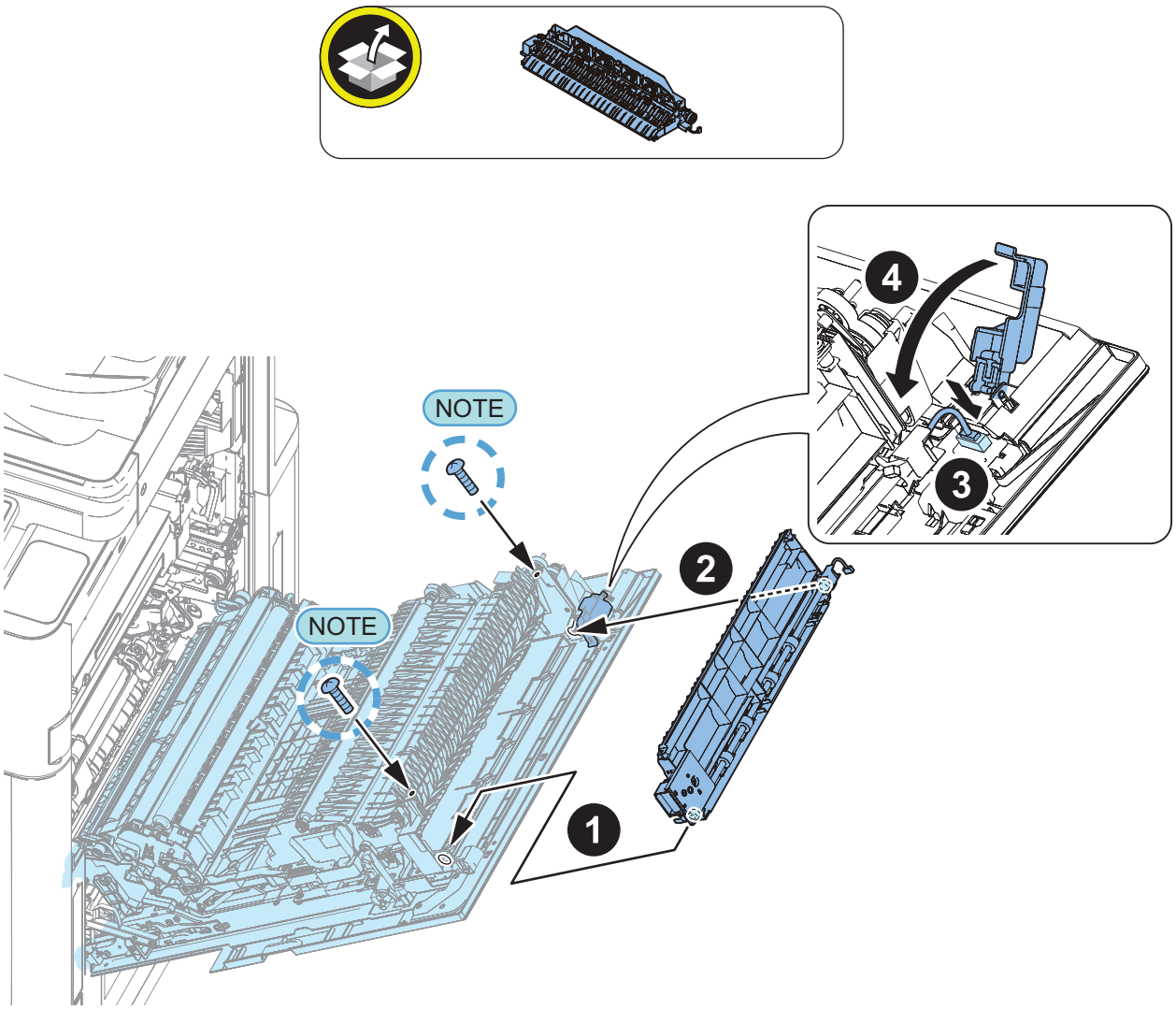


NOTE:
The removed screws will be used at later step.

□

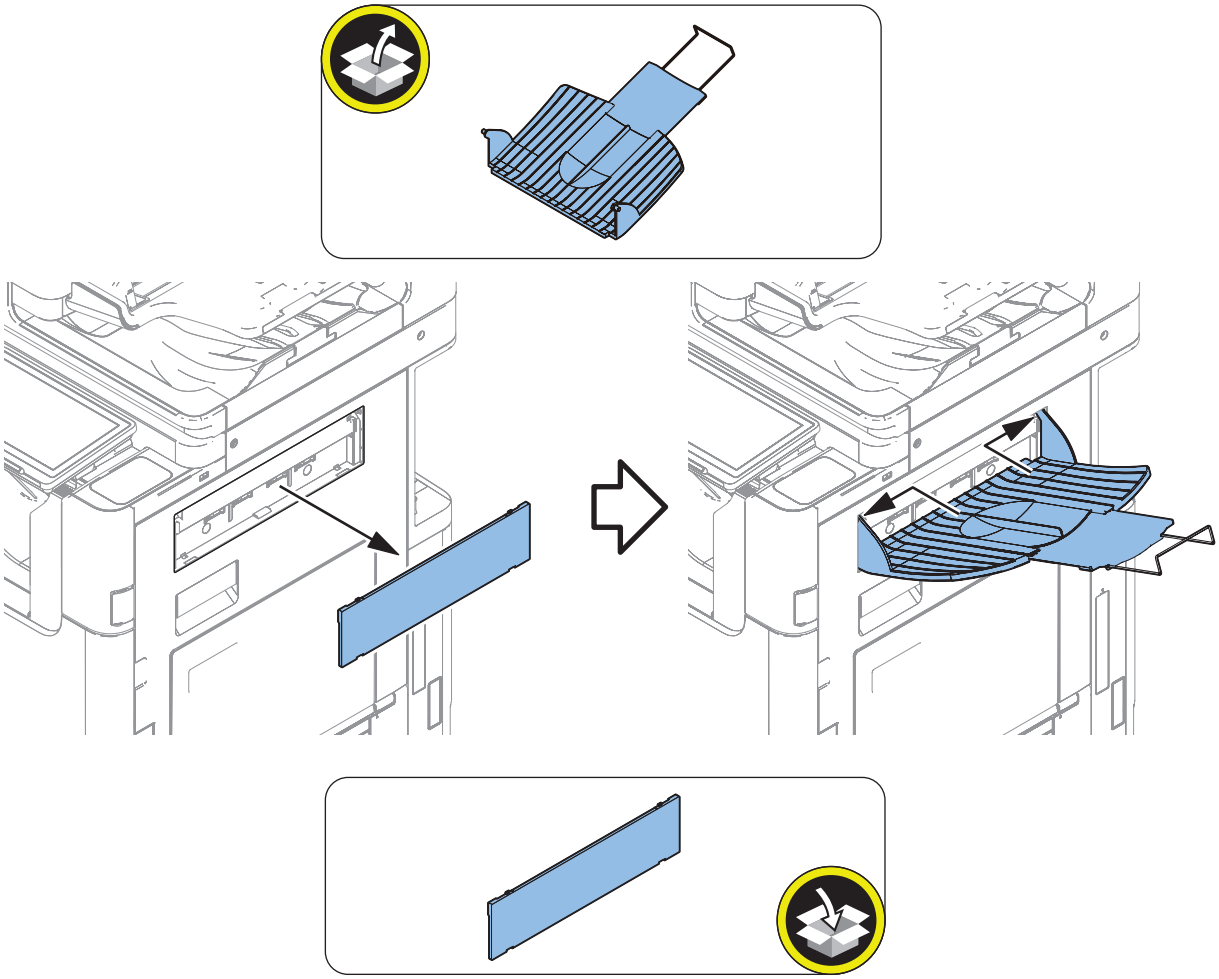
3.

NOTE:
Installing the screws removed in the previous step.



□

4.



Settings after installation

□

1. **Set the value of the following service mode to "1".**
   COPIER > OPTION > ACC > OUT-TRAY
2. **Turn OFF and then ON the main power.**
3. **Check that the following menu has been added.**
   - [Settings/Registration] > [Function Settings] > [Common] > [Paper Output Settings] > [Tray Designation]
4. **Press [Tray Designation].**
5. **According to the user's request, set the function of delivering paper to the Tray A/B/C and the priority order of the trays, and press [OK]. The priority order is displayed as "1", "2", and "3".**
6. **Check that the behavior is in accordance with the settings.**

Staple Finisher-AB1/ Booklet Finisher-AB1

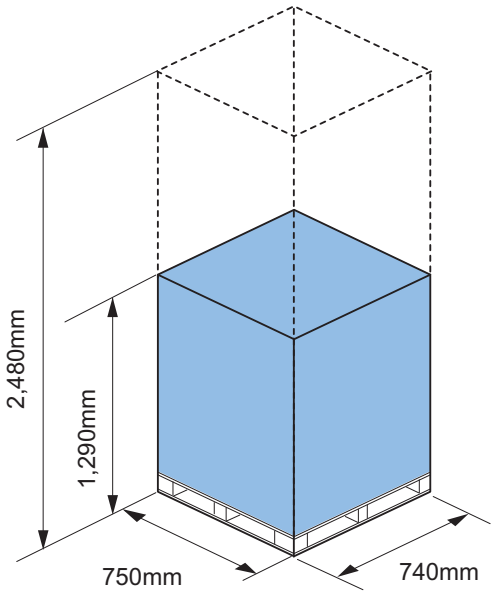
Checking before Installation

The installation site must satisfy the conditions given below.
Therefore, it is recommended that the installation site be looked over before delivering this equipment to the customer.

CAUTION:
- Install the host machine first and then install this equipment.
- Do not carry this equipment with the host machine is installed for prevention of breakage.

■ Checking the Unpacking Space

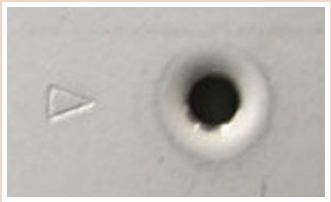
Be sure to unpack this equipment according to the illustrations in a wide area where there is enough space around it.



■ Points to Note on Installation

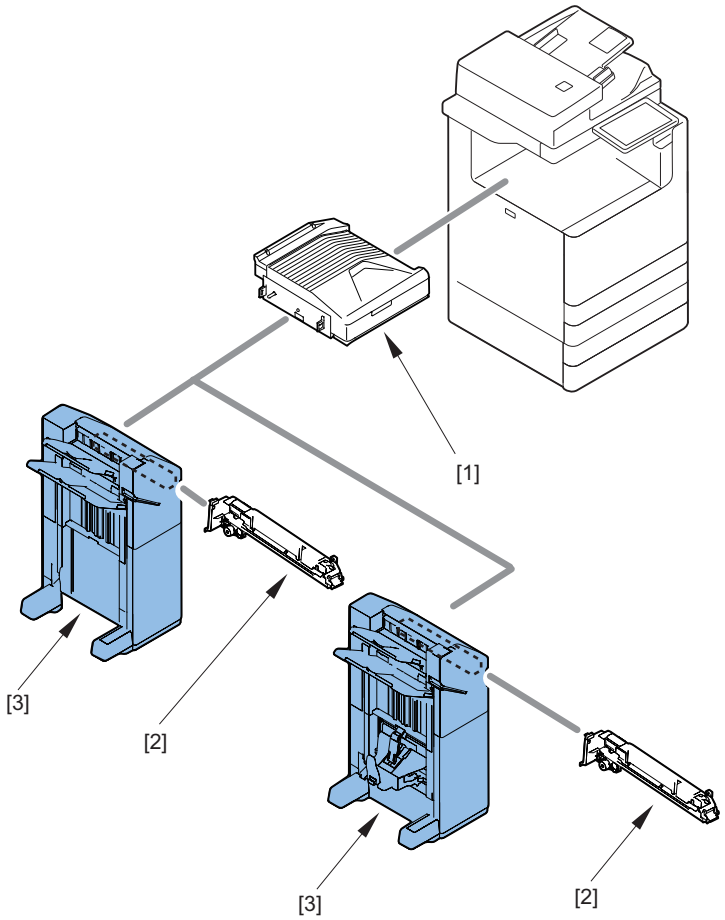
- Illustrations used in this procedure are those of the Booklet Finisher unless otherwise specified.
- Refer to "Order of Installation of Options" when installing this equipment.
- Since this machine is heavy (Staple Finisher: approx. 31 kg, Booklet Finisher: approx. 57 kg), 2 or more persons are required to install it. Be sure to perform the work in accordance with the standard to handle a heavy load in each country.
- When moving this equipment after having unpacked it, be careful by placing a plate, etc. on areas with steps to prevent the casters from hitting those steps. If the casters hit a step, the casters or the base plate may be deformed.

CAUTION:
When tightening the screws, do not tighten them too tightly. Otherwise, there is a risk of damage and deformation of screw holes.



■ Order of Installation of Options

When installing this equipment together with the other options, first install the host machine and then install options in the following order:



1. Buffer Pass Unit
2. Puncher Unit
3. Staple Finisher / Booklet Finisher (This equipment)

■ Product Name

Safety regulations require the product's name to be registered. In some regions where this product product is sold, the following names may be registered instead.

- F281185
- F281186

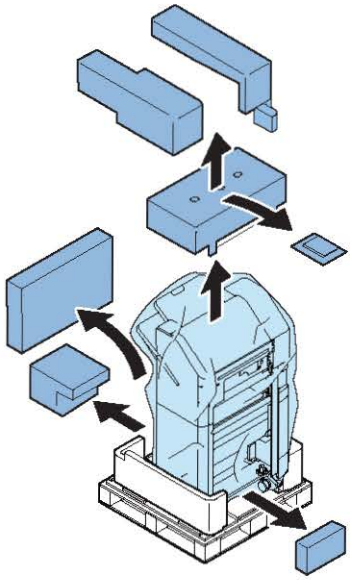
Unpacking

CAUTION:
This equipment is rather heavy. Be sure to work with a group of 2 or more people. Particularly when moving it over a step on the floor, be sure to take full care not to let it tumble over (Weight: Staple Finisher: approx. 31 kg, Booklet Finisher: approx. 57 kg).

NOTE:
This equipment is packed using tapes, fixings and cushioning materials to be protected against vibration and shock during transportation. Be sure to remove them before starting to install this equipment.

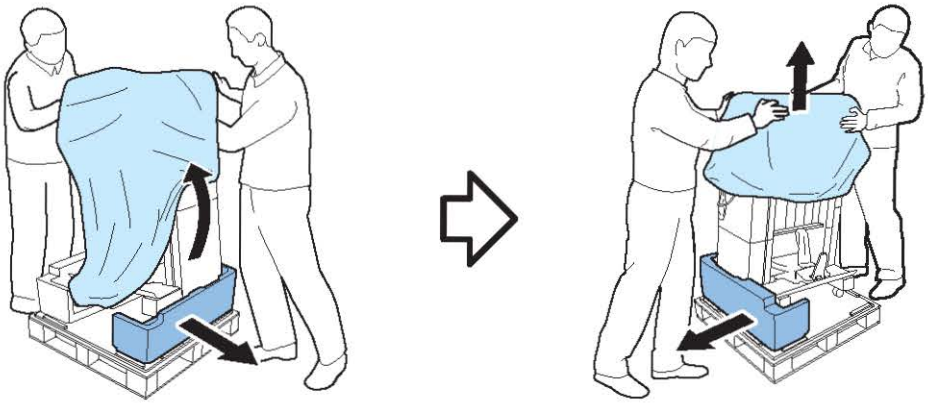
□

1.



□

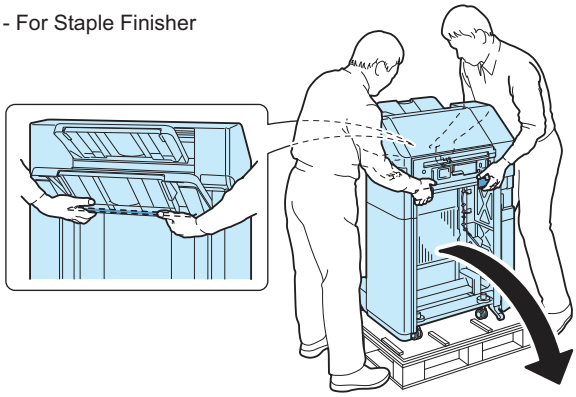
2.



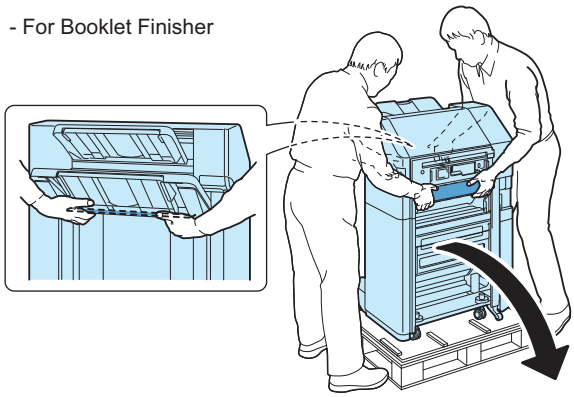
□

3. Hold the specified parts as shown and unload the Finisher.

- For Staple Finisher

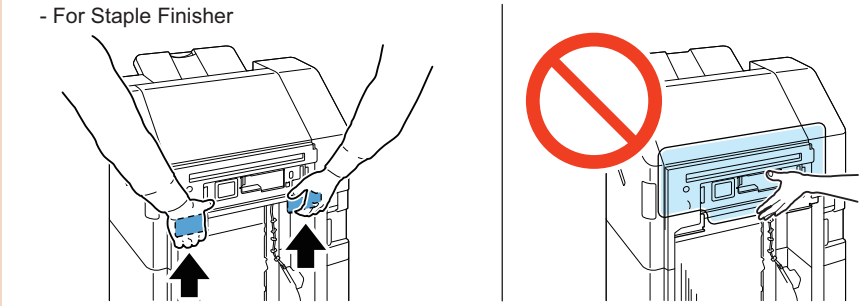


- For Booklet Finisher

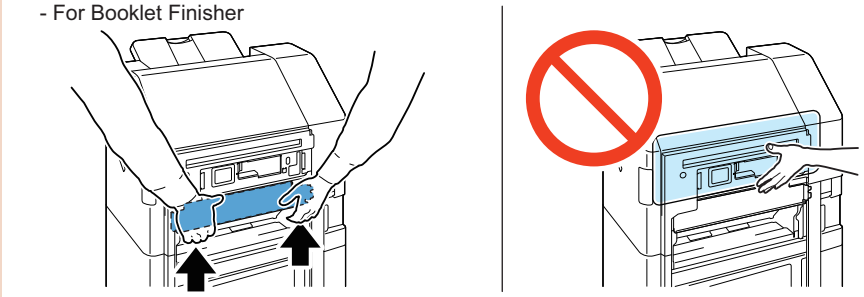


CAUTION:
Hold the specified parts as shown and do not hold the other parts to lift up the finisher.

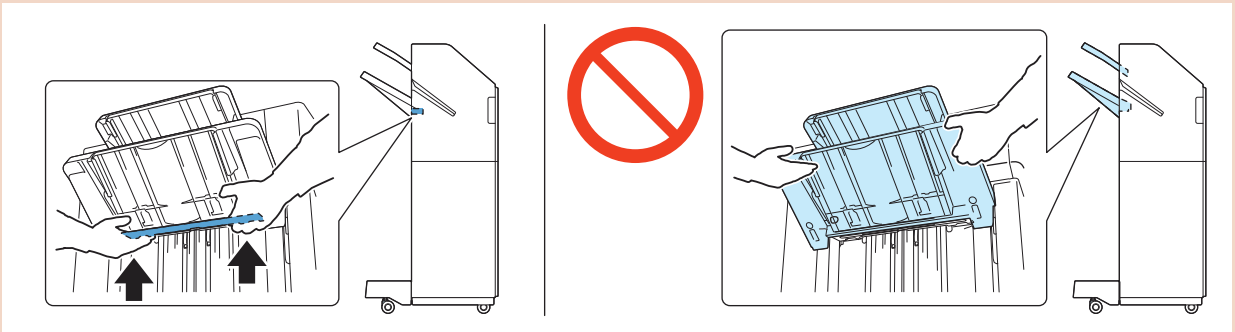
- For Staple Finisher



- For Booklet Finisher



CAUTION:
Hold the metal part as shown and do not hold the other tray parts.

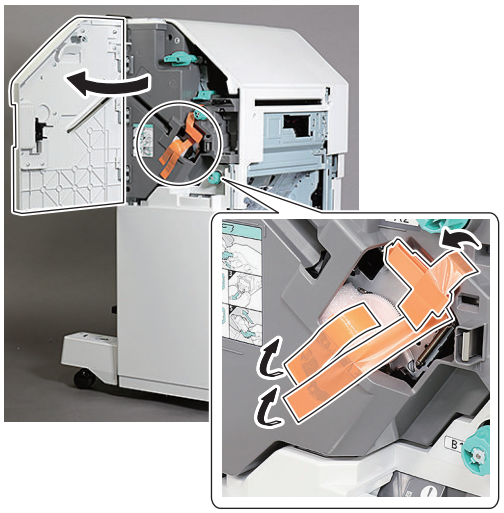


☐

4. **Remove all the tapes and cushioning materials outside this equipment.**

☐

5.

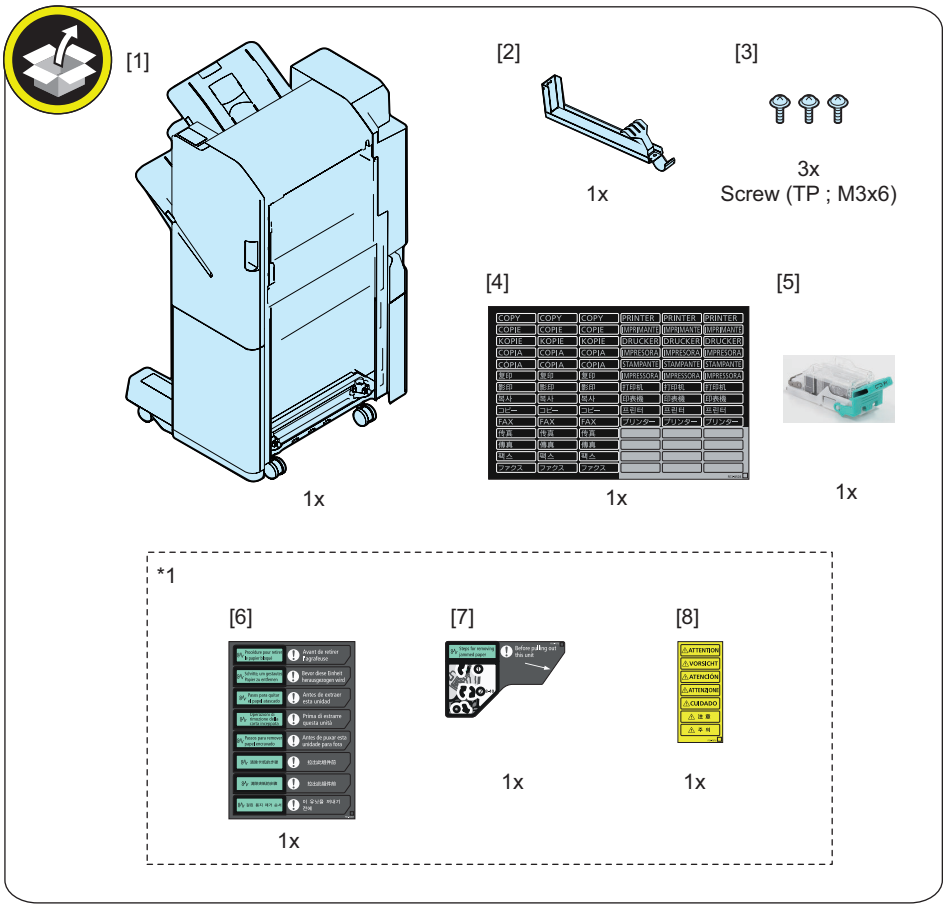


☐

6.

Checking the Contents

Check that none of the included parts is missing.



NOTE:
*1 : Booklet Finisher only

<Others>
Other bundled items such as leaflets, etc.

Installation Procedure

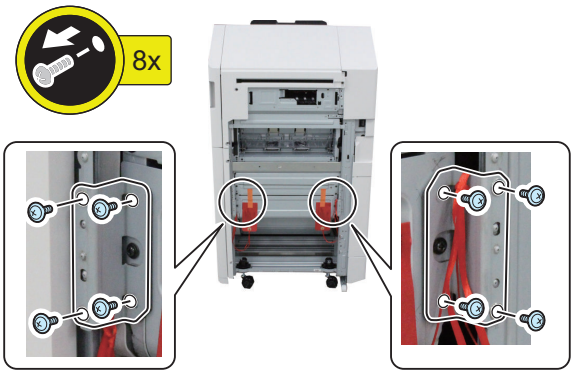
There are cases where illustrations or photographs of models other than this equipment are posted for common expression.

⚠ CAUTION:
Check that the main power switch is OFF and the power plug is disconnected from the outlet.

NOTE:
Keep all fixings in a safe place for later reuse in reshipping the equipment, as for relocation and repairs.

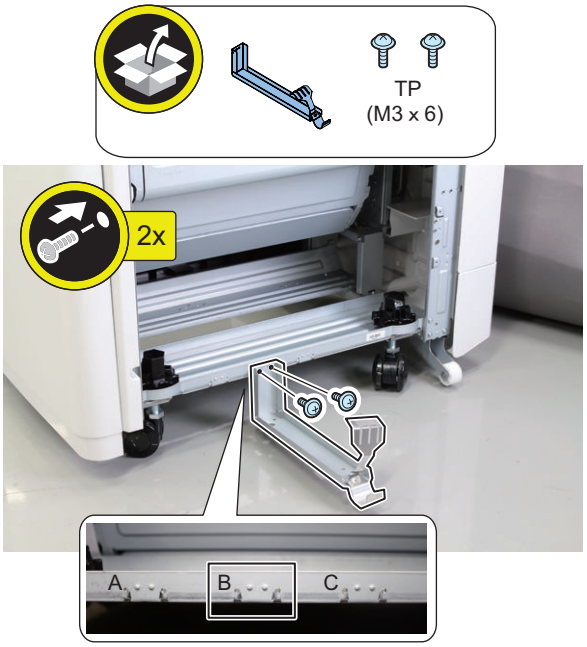
□

1. **Remove 2 fixings. (Booklet Finisher only)**



□

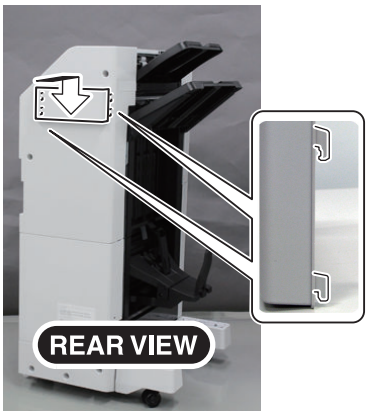
2.



NOTE:
Install the Ground rail to the position [B].

□

3. **When the Service Book Holder has already been installed in the host machine, relocate it to the Finisher.**



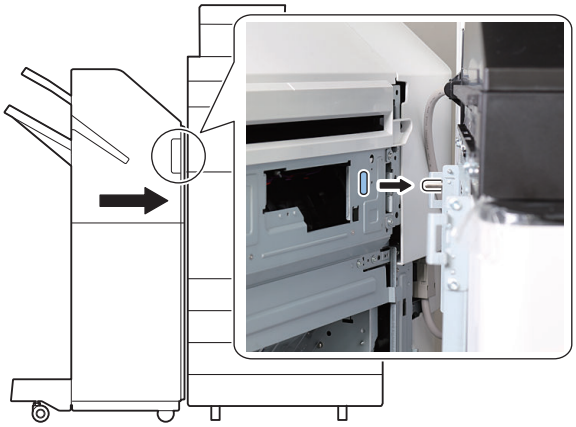
□

4.

⚠ CAUTION:
When connecting the interface cable, be sure to turn off the host machine and disconnect its power cable from the outlet. If you do not do so, electric shock can result.

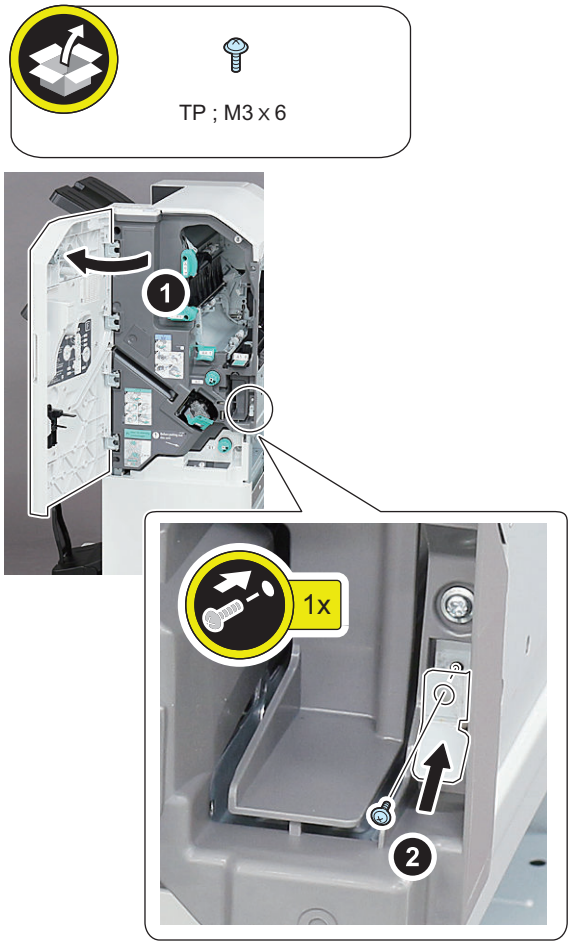
□

5.



□

6.

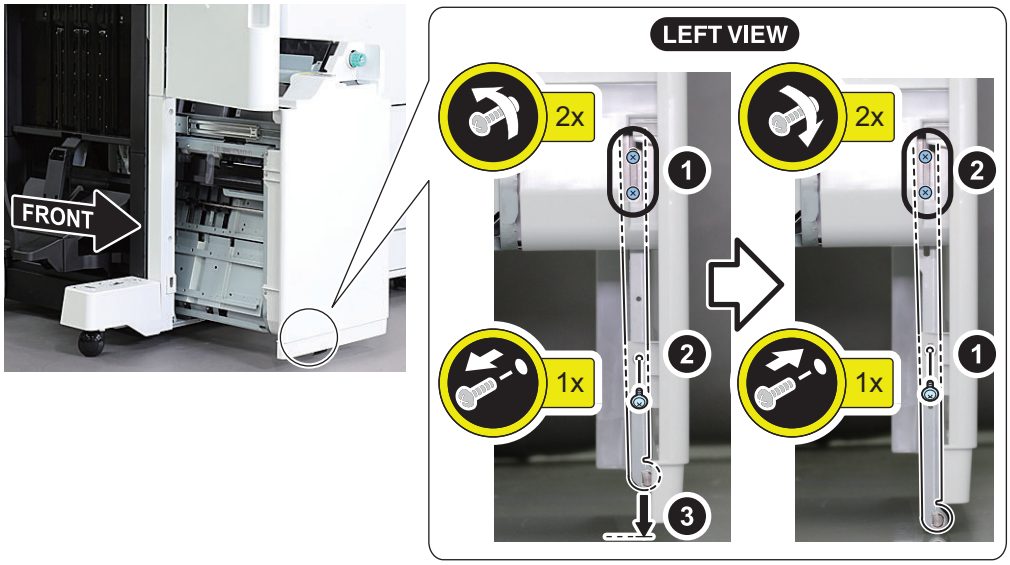


□

7. **Pull out the saddle unit. (Booklet Finisher only)**

☐

8. **Loosen two screws. Remove two screws, and then fix the saddle unit auxiliary caster so that its caster can touch floor. (Booklet Finisher only)**



☐

9. **Put the saddle unit back. (Booklet Finisher only)**

☐

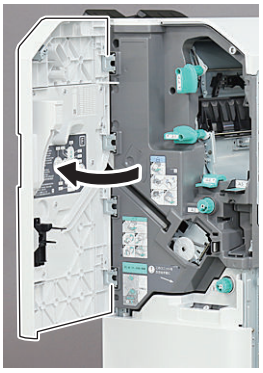
10.

Affixing the Labels

■ Affixing the Jam Label / Saddle Caution Label (Booklet Finisher only)

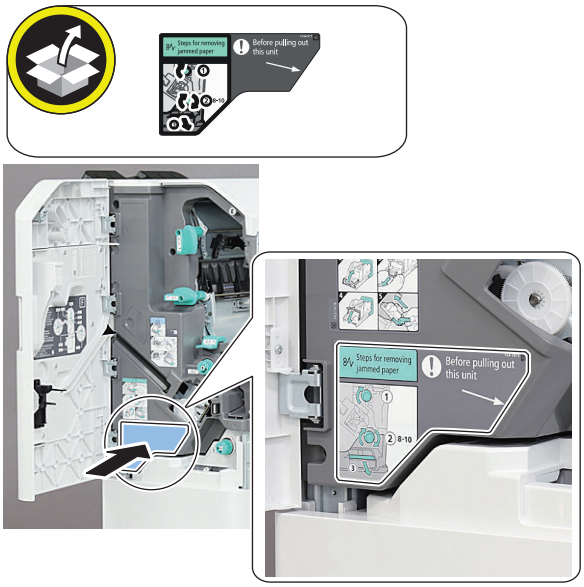
□

1.



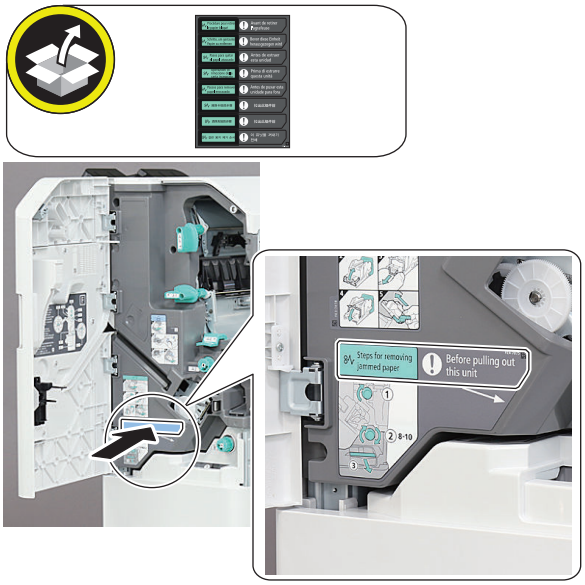
□

2.



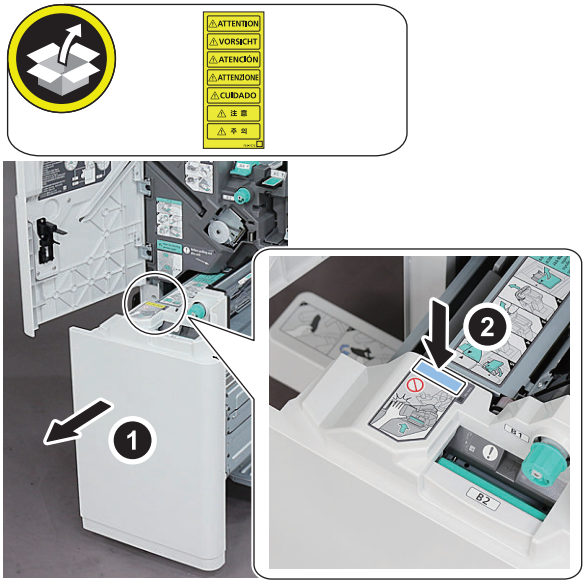
☐

3. **Affix the label in the appropriate language.**



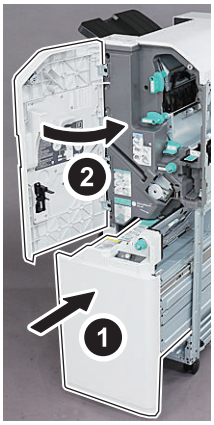
☐

4. **Affix the label in the appropriate language.**



□

5.



■ Tray Setting Labels

□

1. **Affix the supplied which is specified by user in the frame line of Tray Labels.**

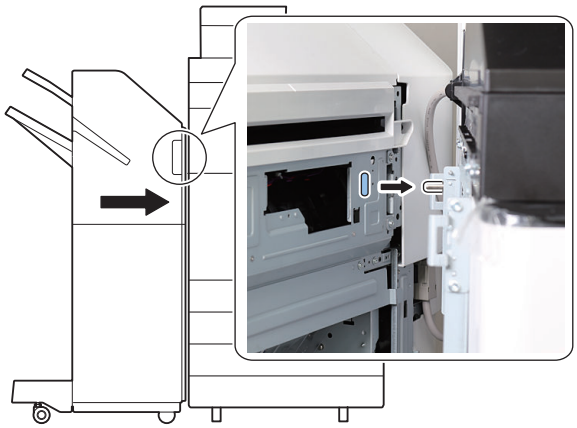
Making Adjustments

The difference in height between the Finisher and the Host Machine and the tilt of the Finisher and the host machine need to be adjusted depending on the installation site floor condition. If the height or tilt is not adjusted properly, problems can occur (for example, a paper jam can occur frequently at the paper supply section of the Finisher). Check the height and tilt and adjust it as required. Be sure to adjust as necessary.

■ Checking the Height

□

1. **Check the difference in height between the Finisher and the host machine. Make sure that the pin of the Buffer Pass Unit inserts into the hole of the Finisher.**



□

2. **When the adjustment of height is necessary, make adjustment by referring the “Adjusting the Height” on page 461.**

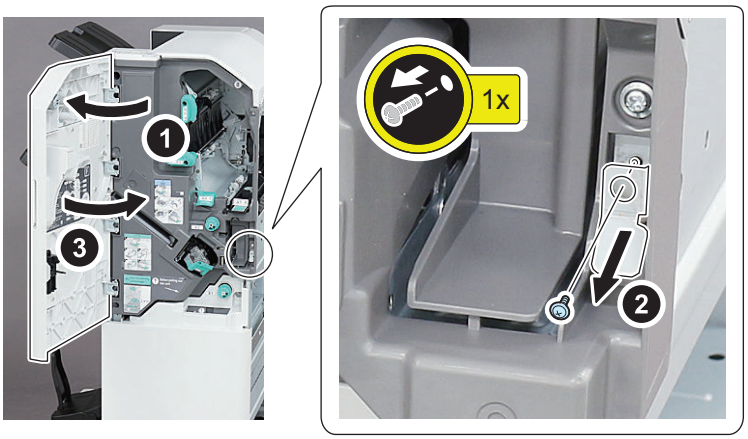
NOTE:
When the adjustment of height is not necessary, proceed to the “Checking the Difference in Tilt” on page 464.

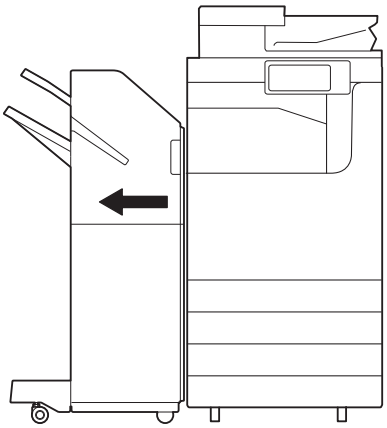
■ Adjusting the Height

☐

1. **When it is fixed to the host machine, it is detached by approx. 150 mm.**

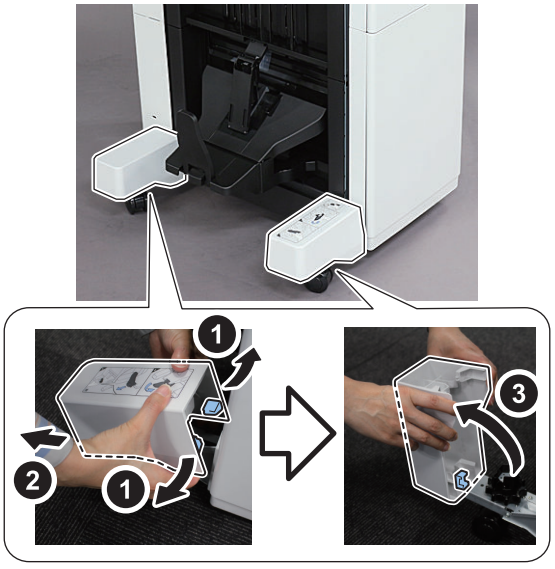
> ⚠ **CAUTION:**
> Be careful with the interface cable when detaching.





☐

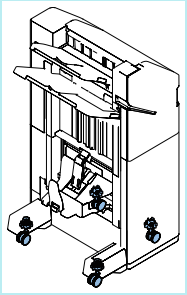
2. **Remove the Caster Covers (front/ rear).**

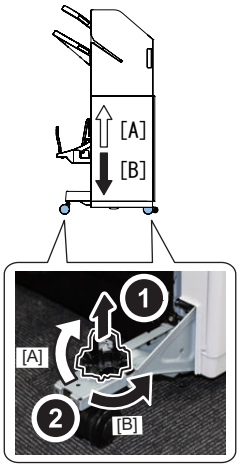


□

3. **Turn the adjustment dial of the caster in the direction of the arrow by lifting the dial upward a little to adjust the height.**

NOTE:
Adjust the height at 4 casters.

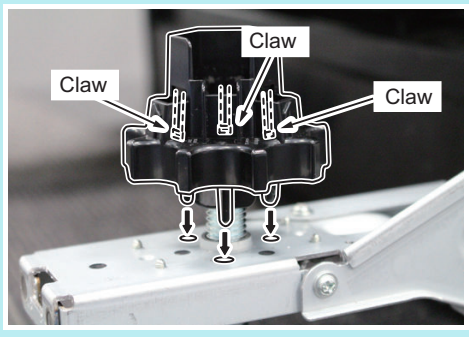




- To increase the height of the Finisher, turn the dial in the direction of arrow [A].
- To decrease the height of the Finisher, turn the dial in the direction of arrow [B].

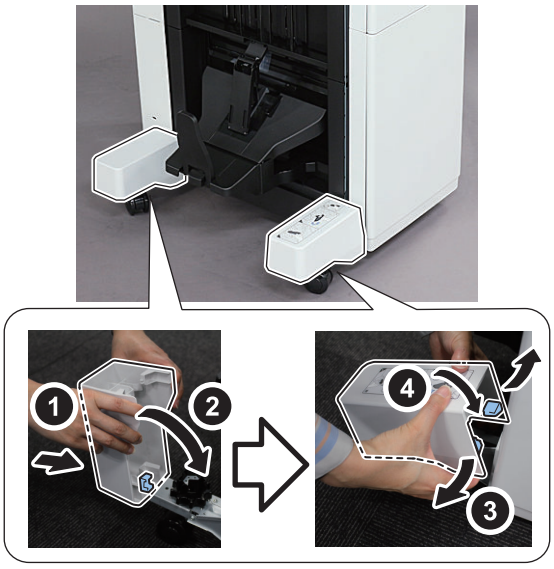
A full turn of the adjustment dial changes the height of the Finisher by approx. 2.0 mm.

NOTE:
If the adjustment dial keeps lifting upward, lower the adjustment dial by releasing three claws. And be sure to insert the three pins of the adjustment dial to the hole of the caster support plate.



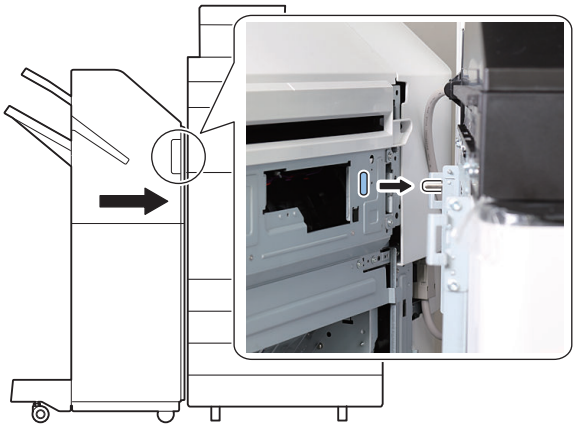
☐

4. **Install the Caster Covers (Front / Rear).**



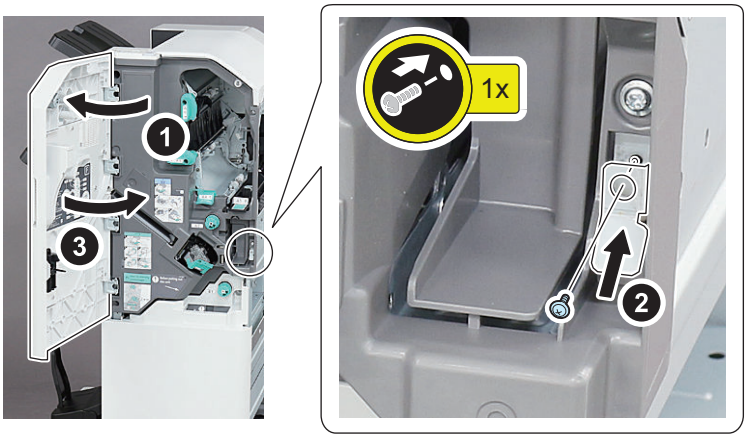
☐

5. **Install the Finisher to the host machine.**



☐

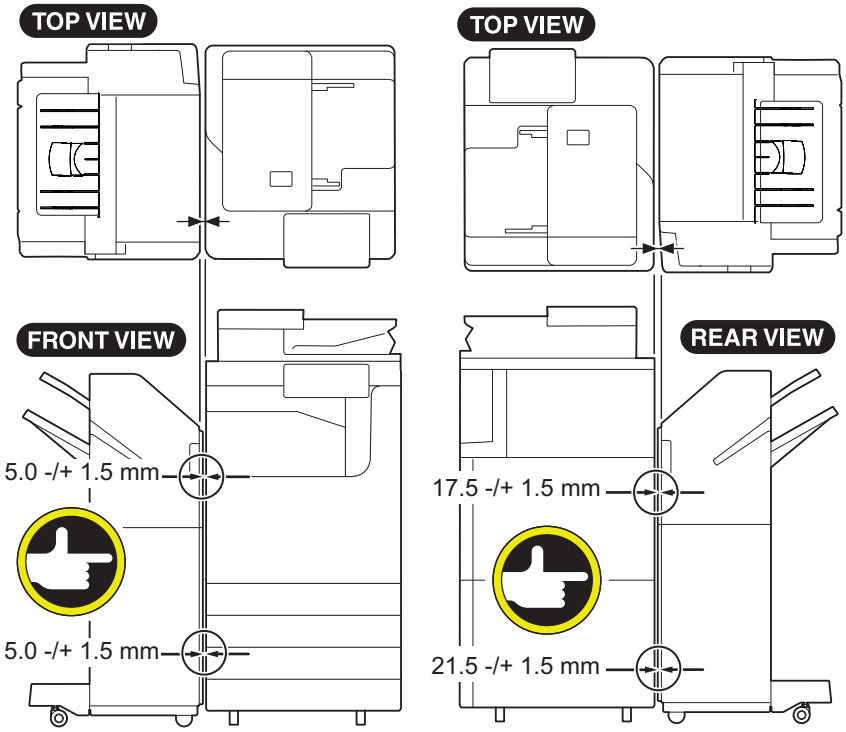
6. **Fix to the host machine.**



■ Checking the Difference in Tilt

□

1. **Check the relational tilting amount of the Finisher and the host machine. Make sure that the gap between the right side of the Finisher and the left side of the host machine is within the standard shown in the figure.**
   In the case the gaps are within the specification, this adjustment is not required.

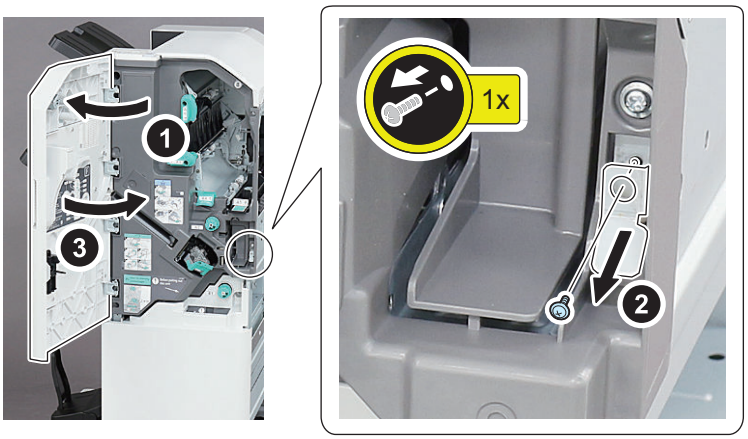


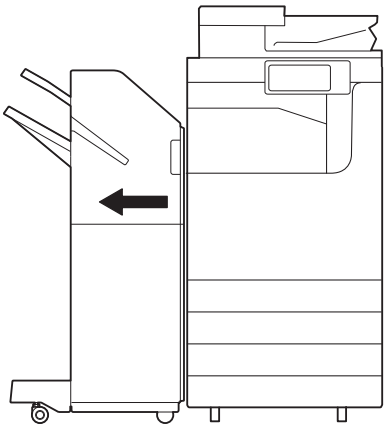
■ Adjusting the Tilt

☐

1. **When it is fixed to the host machine, it is detached by approx. 150 mm.**

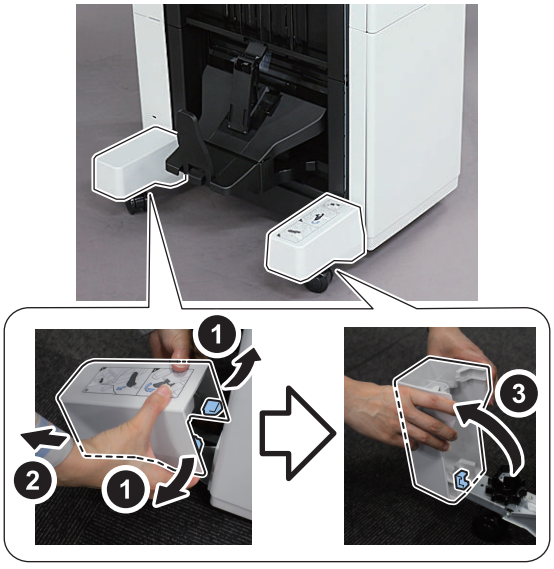
> ⚠ **CAUTION:**
> Be careful with the interface cable when detaching.





☐

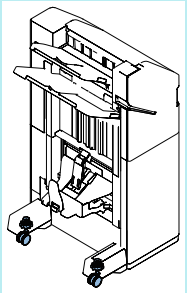
2. **Remove the Caster Covers (Front/ Rear).**

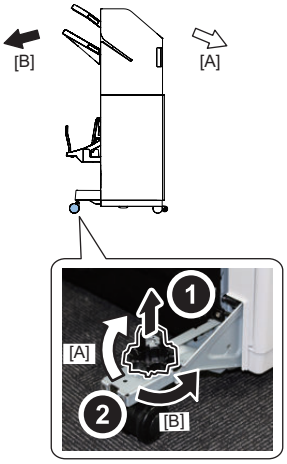


□

3. **Turn the adjustment dial of the caster in the direction of the arrow by lifting the dial upward a little to adjust the tilt.**

NOTE:
Adjust the tilt at 2 left casters.

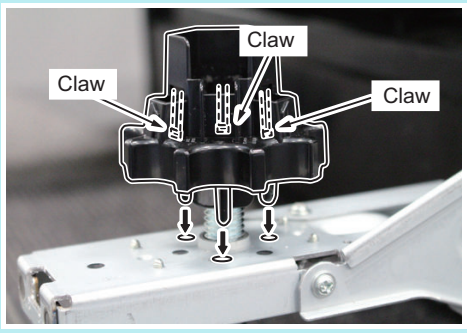




- To tilt the Finisher to the right, turn the dial in the direction of arrow [A].
- To tilt the Finisher to the left, turn the dial in the direction of arrow [B].

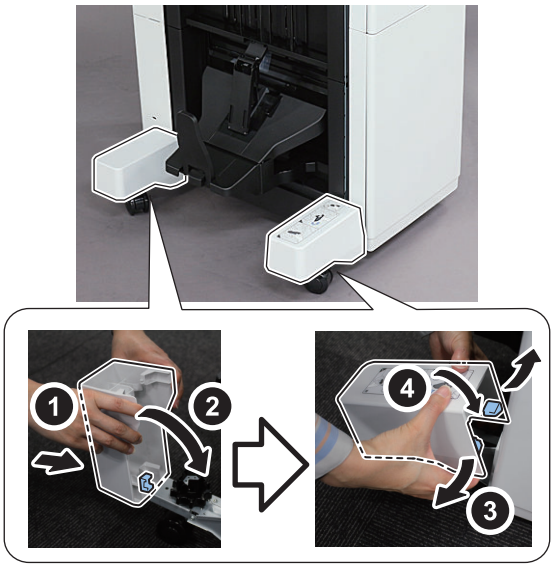
A full turn of the adjustment dial changes the height of the Finisher by approx. 2.0 mm.

NOTE:
If the adjustment dial keeps lifting upward, lower the adjustment dial by releasing three claws. And be sure to insert the three pins of the adjustment dial to the hole of the caster support plate.



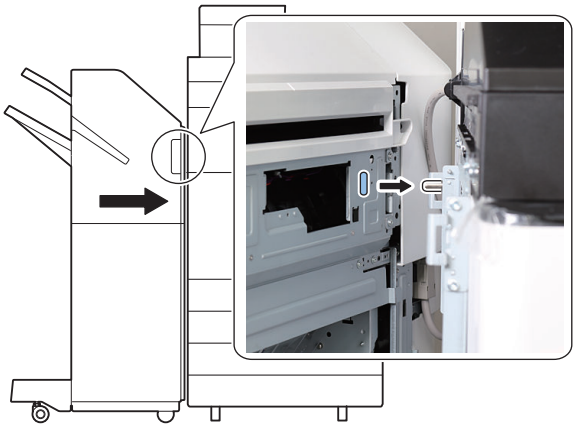
☐

4. **Install the Caster Covers (Front / Rear).**



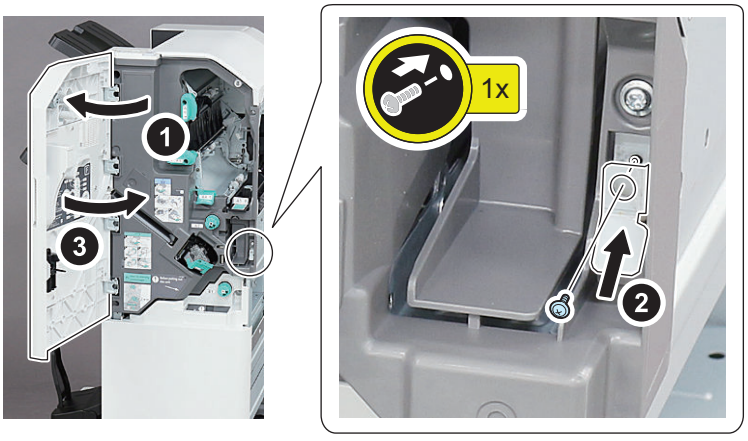
☐

5. **Install the host machine.**



☐

6. **Fix to the host machine.**



Making Checks after Completion of Installation Work

■ Disposal Parts Check

Following disposal parts are remained after completion of the installation work.

☐[1] Remaining Language Jam label (Booklet Finisher only) 1x

☐[2] Remaining Caution Language Label (Booklet Finisher only) 1x

■ Operation Check

☐

1. **Turn ON the main power of the host machine.**

☐

2. **Open the Front Cover, and then install the Stapler Unit Staple Case into the Stapler Unit.**

☐

3. **Close the Front Cover.**

☐

4. **If a message appears prompting the user to update the firmware, press [Update] to automatically update the firmware of this equipment.**

NOTE:
If [Skip] is selected, a message will appear every time when the Host Machine turns ON prompting the user to update the firmware.
In the service mode (Level 2) shown below, behavior of the message can be changed to be no longer displayed.

(Level2) COPIER > OPTION > FNC-SW > VER-CHNG

□

5. **Confirm the operation of Finisher is normal at its paper transportation, staple mechanism, etc.**

CAUTION:
Staple-free binding unit might be out of its correct position due to a mechanical shock during transportation. When the staple-free binding unit is out of the correct position, a paper stack is clinched at wrong position in the staple-free binding mode.
To avoid the above, make copies in the following condition after the installation of the finisher and correct the position of the staple-free binding unit:

- Staple mode: Stapling at rear corner
- Paper size: LTR or A4
- Number of sheet: 2
- Copy quantity: 1

NOTE:
Mechanical drive of the staple-free binding unit is engaged with the stapler unit.
Making copies in the above condition will have the stapler unit returned to its home position and the staple-free binding unit stops at the correct position.

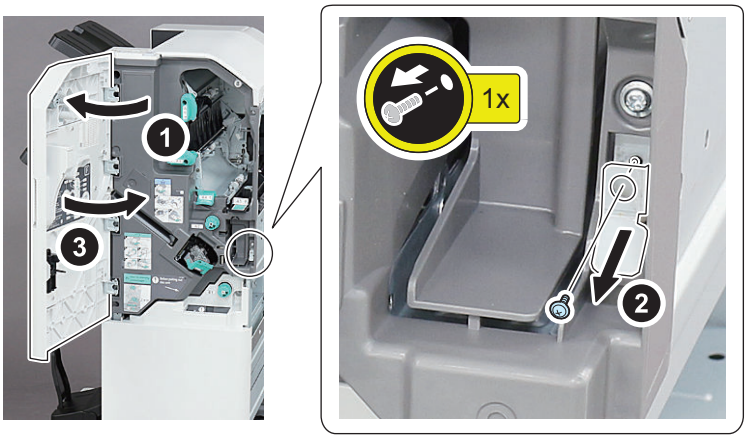
Detaching from the Host Machine

CAUTION:
Turn the host machine OFF and disconnect its power cord prior to connection of the interface cable to avoid any unexpected electric shock.

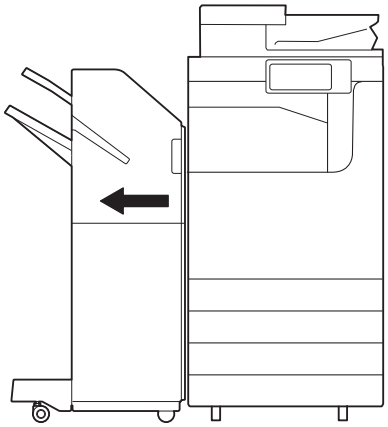
■ Detaching from the Host Machine

□

1.



□
2.



□
3.

⚠ CAUTION:
When disconnecting the Interface Cable, be sure to turn off the host machine and disconnect its power cable from the outlet.

2/3 2/4 4 Hole Puncher Unit-A1

Checking Before Installation

■ Checking Before Installation

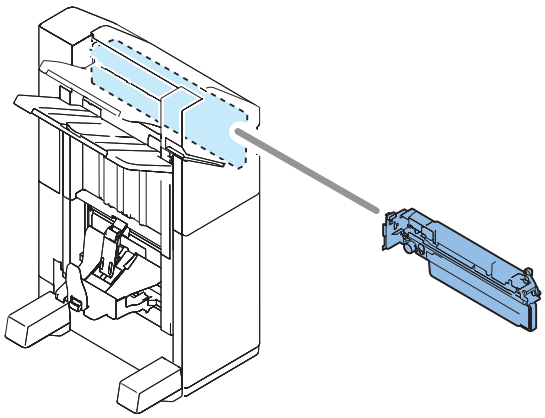
When installing this Equipment together with the Finisher, install this Equipment before installing the Finisher to the Upstream Connection Machine.

■ Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following name may be registered instead.

- F281060

■ Installation Outline Drawing



Unpacking Procedure

☐

1. **Open the container box, and then take out the Punch Unit and the contents.**

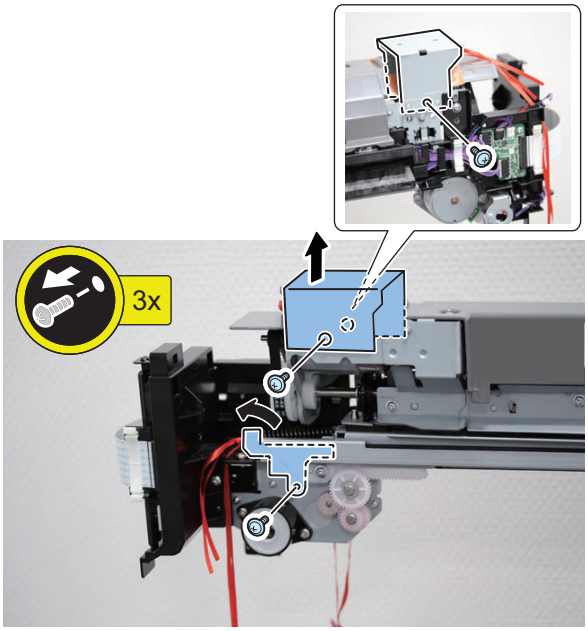
☐

2. **Remove all cushioning materials and tapes from outside of the Punch Unit.**

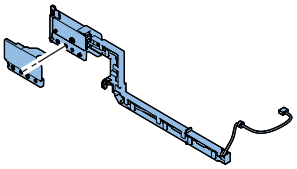
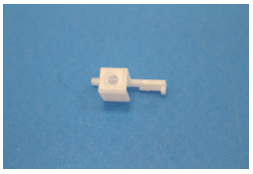
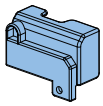
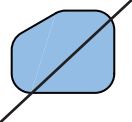
☐

3. **Remove the 2 fixtures.**
    - 3 Screws

NOTE:
Removed screws are used in latter steps.



Checking the Contents

☐ [1] Punch Unit x1	☐ [2] Punch Waste Tray x1	☐ [3] Punch Waste Full Sensor Unit x1 
☐ [4] Punch Unit Positioning Guide x1 	☐ [5] Relay Harness x1	☐ [6] Punch Front Cover x1 
☐ [7] Punch Unit Open/ Close Guide x1	☐ [8] Punch Unit Fixing Pin Holder x1	☐ [9] Face Seal x1 
☐ [10] Rear Inner Cover (small) x1	☐ [11] Screw (W Sems ; M3x6) x1	☐ [12] Punch Unit Fixing Pin x1

- Parts [7] to [12] are not used for installation.

<Others>
Other bundled items such as Installation Procedure, leaflets, etc.

Installation Procedure

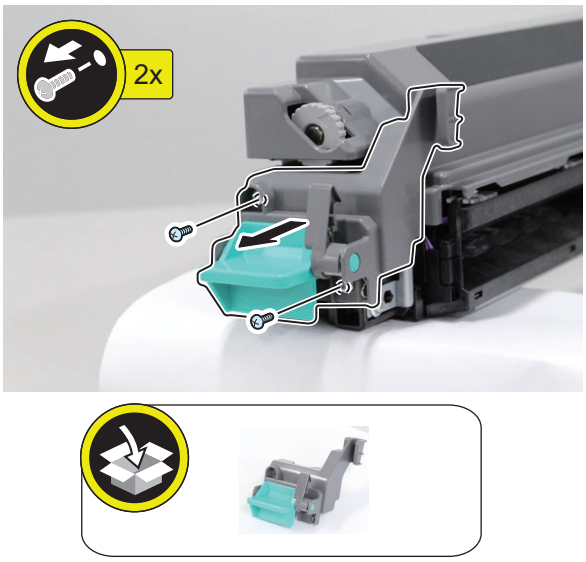
⚠ CAUTION:
Make sure that the main power switch of the host machine is turned off and the power plug is disconnected from the outlet.

■ Preparation of the Punch Unit

☐

1. **Remove the Punch Lever Unit of the Punch Unit.**
   - 2 Screws

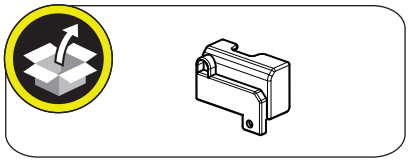
NOTE:
Removed screws are used in the purocedure later.

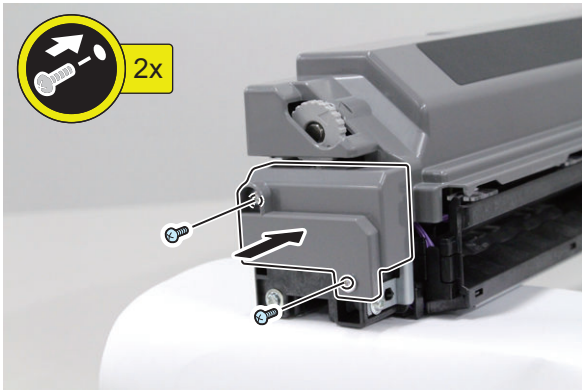


☐

2. **Install the Punch Front Cover.**
   - 2 Screws (P Tightening ; M3x6)

NOTE:
Use the screws removed in step 1.

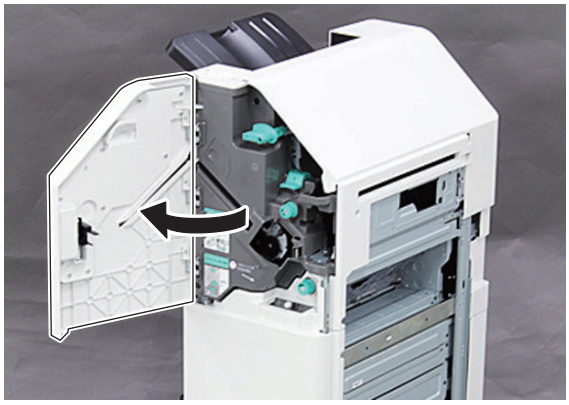




■ Installing the Punch Unit

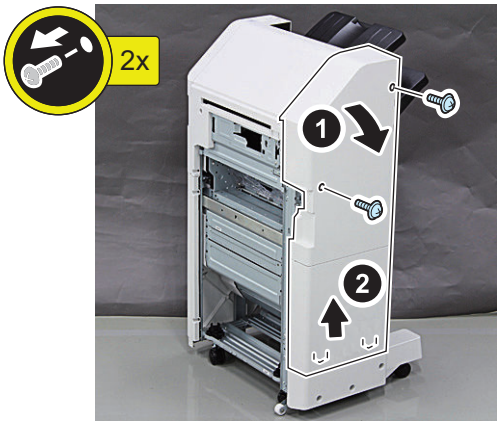
☐

1. **Open the Front Cover of the Finisher.**



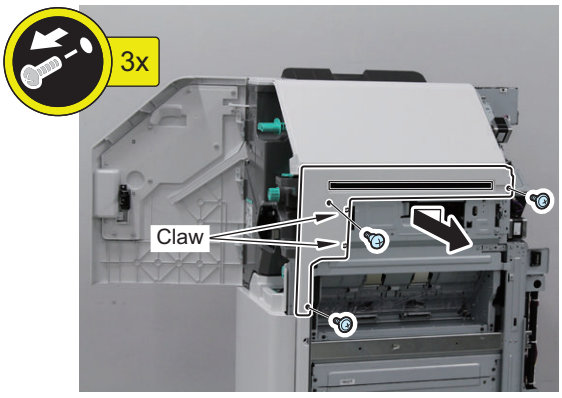
☐

2. **Remove the Rear Cover of the Finisher.**
   - 2 Screws
   - 2 Claws



☐

3. **Remove the Right Cover of the Finisher.**
   - 3 Screws
   - 2 Claws

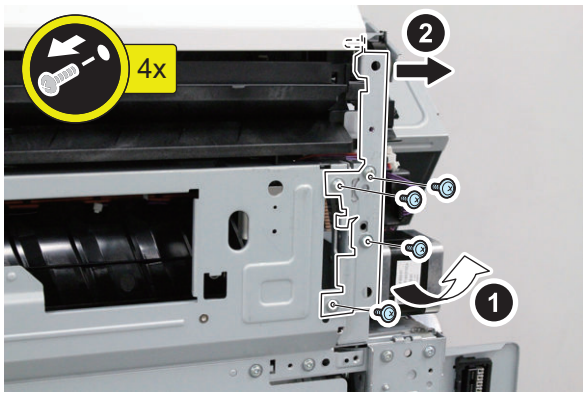


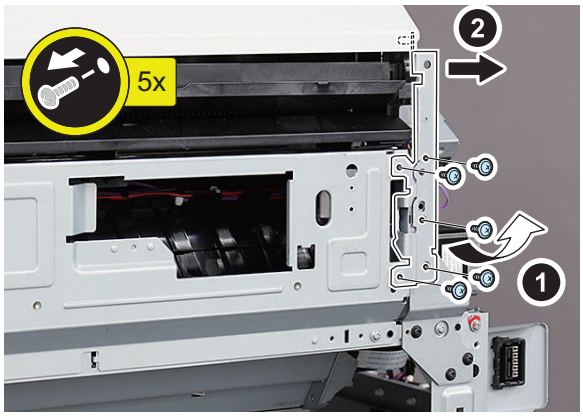
☐

4. **Remove the Hinge Unit (rear) from the Upper Cover.**

NOTE:
There is a case using 5 Screws for by a model.

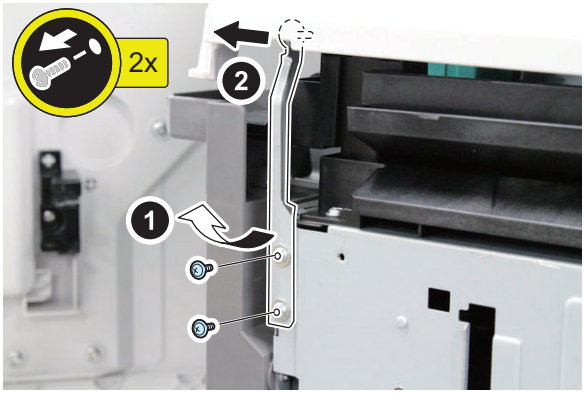
- 4(5) Screws





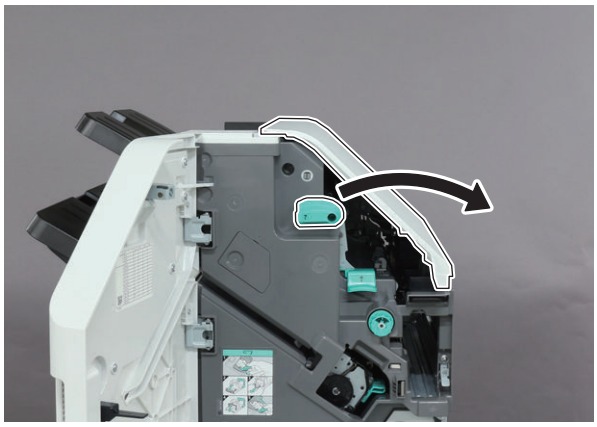
☐

5. **Remove the Hinge Unit (front) from the Upper Cover.**
   - 2 Screws



☐

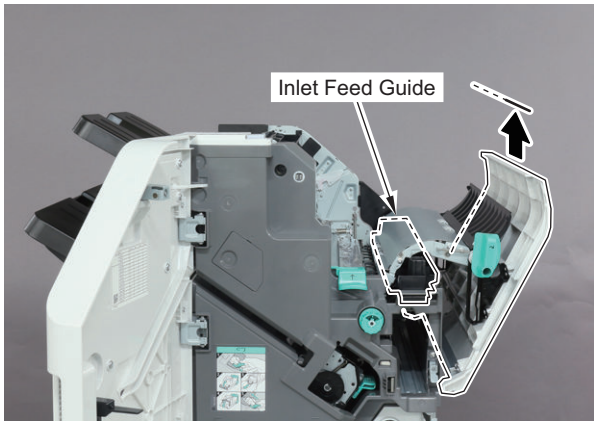
6. **Open the Upper Cover.**



☐

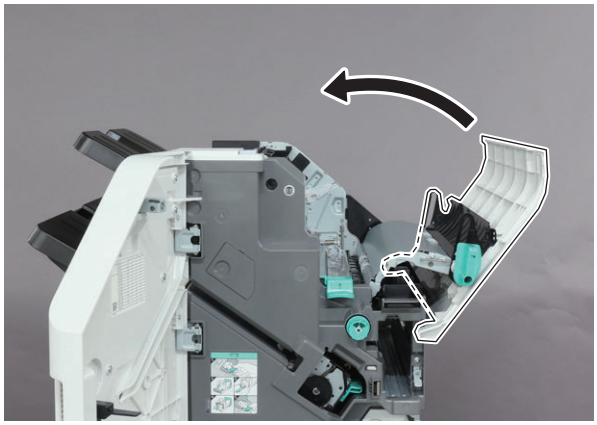
7. **Holding the Central Part of the Upper Cover, lift the cover until it stops.**

NOTE:
This work is carried out to secure space to remove the Inlet Feed Guide.

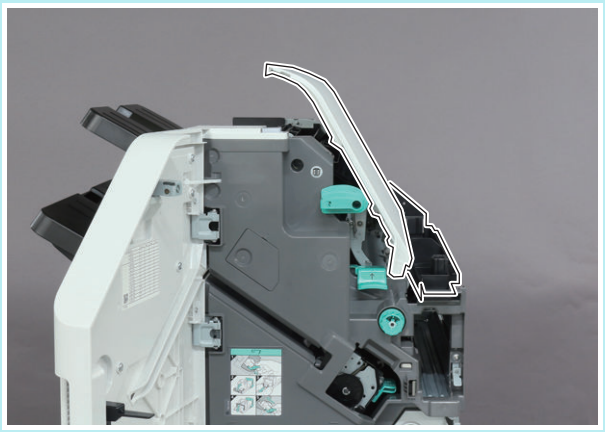


☐

8. **Close the Upper Cover.**



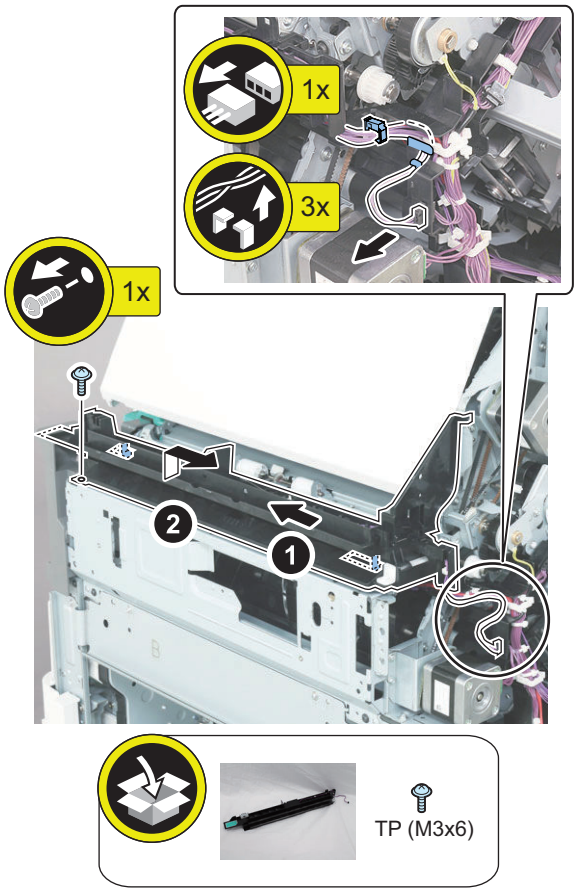
NOTE:
Confirm the Upper Cover and the Inlet Feed Guide are in condition as shown in the figure below.



☐

9. Remove the Inlet Feed Guide.

- 1 Screw
- 1 Connector
- 1 Wire saddle
- 2 Harness guides
- 2 Hooks

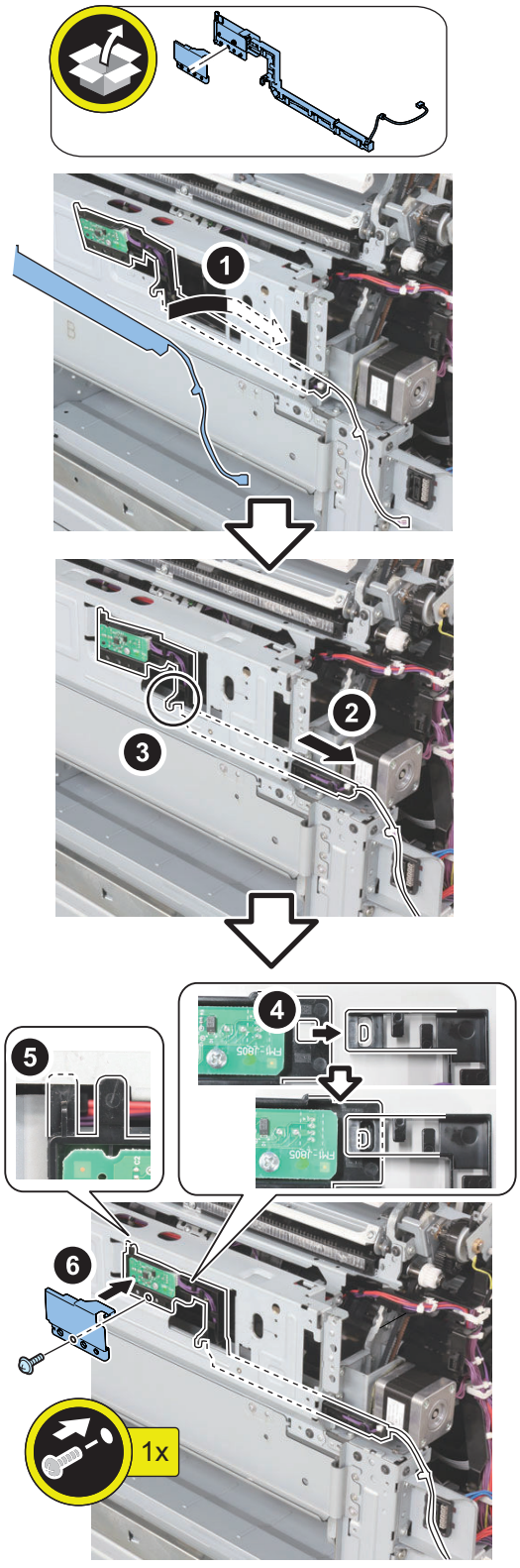


☐

10. Install the Punch Waste Full Sensor Unit.

- 3 Hooks
- Sensor Cover
- 1 Screw (TP ; M3x6)

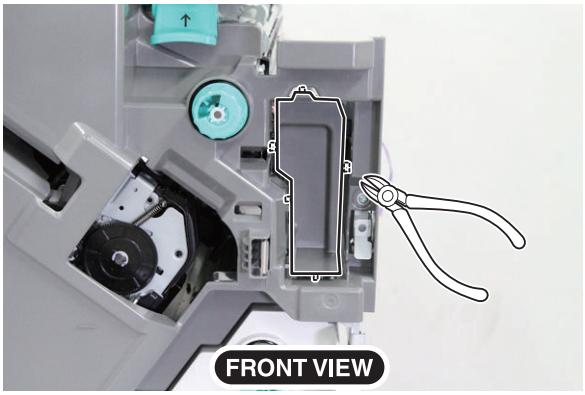
NOTE:
Use the screw removed in Unpacking Procedure.

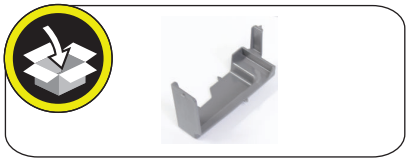


☐

11. Cut out the Face Cover of the Inner Cover by using the side cutters.

CAUTION:
Be sure to remove the Face Cover properly so that no burr is formed.



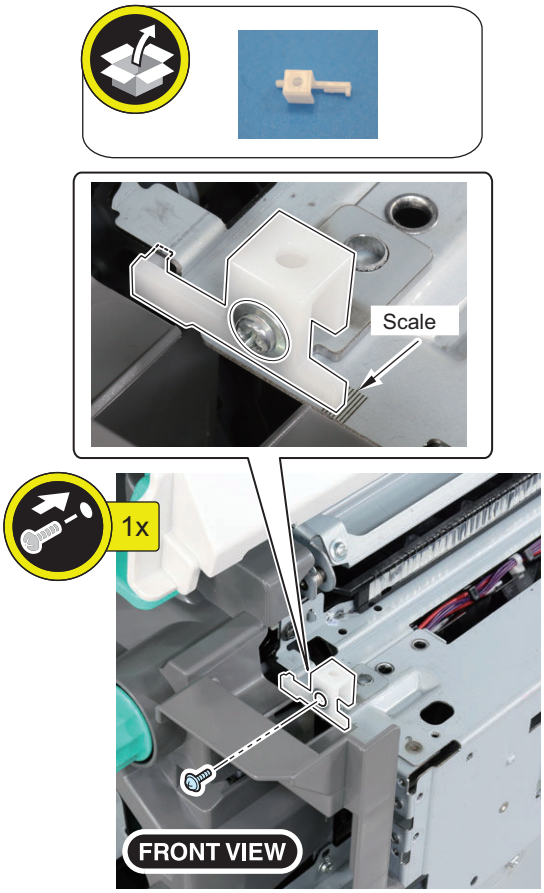


☐

12. Install the Punch Unit Positioning Guide so that the right edge of the guide can match the center of scale.

- 1 Screw (TP ; M3x6)

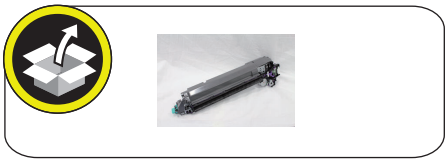
NOTE:
Use the screw removed in Unpacking Procedure.

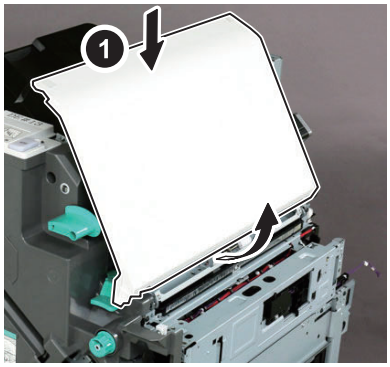


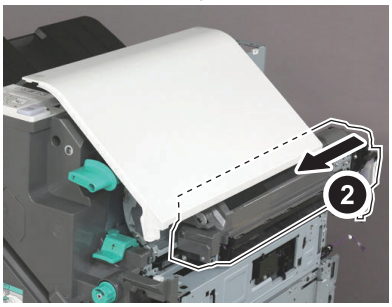
☐

13. Put the Punch Unit while the Upper Cover is open.

CAUTION:
When having the Punch Unit, be careful not to have the PCB unit and its surrounding area.







☐

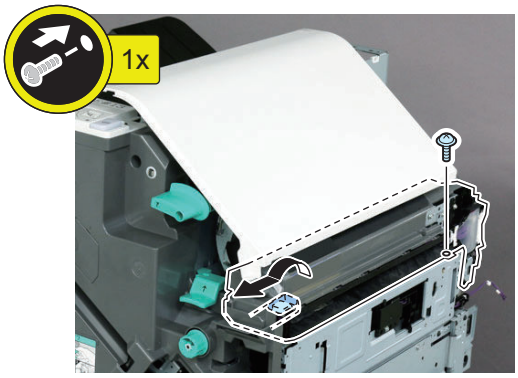
14. Install the Punch Unit.

- 1 Screw (TP ; M3x6)

NOTE:
Use the screw removed in Unpacking Procedure.

CAUTION:

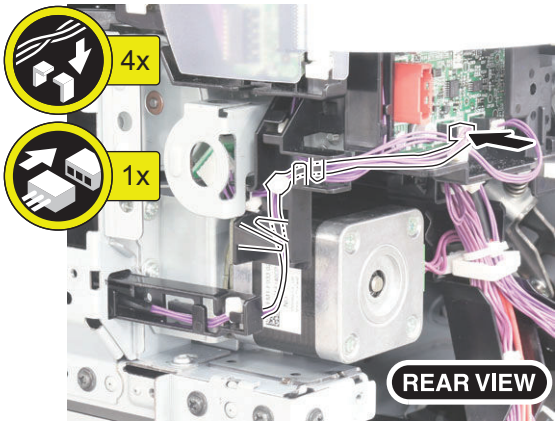
- When having the Punch Unit, be careful not to have the PCB unit and its surrounding area.
- Insert the Positioning Guide in the hole of the Punch Unit.



☐

15. Connect the connector of the Punch Waste Full Sensor Unit to the Punch Unit.

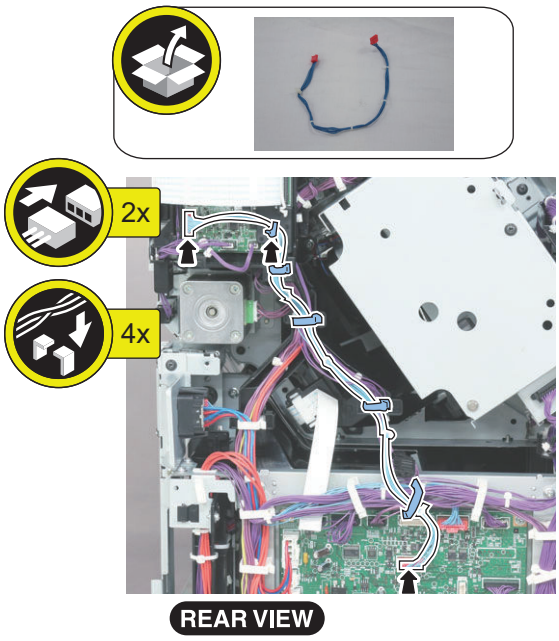
- 4 Cable guides
- 1 Connector



☐

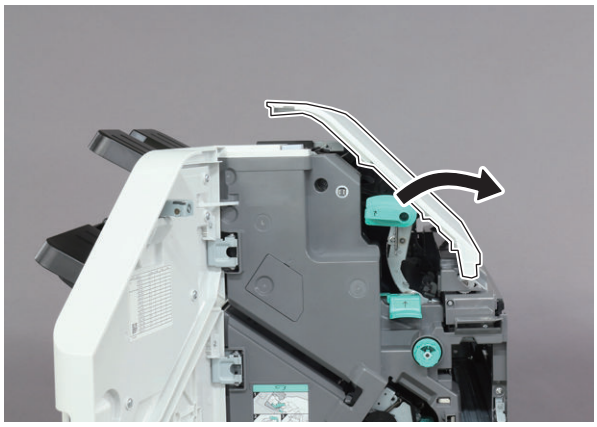
16. Connect the Relay Harness as shown in the figure.

- 2 Connectors
- 1 Reuse Band
- 4 Wire saddles



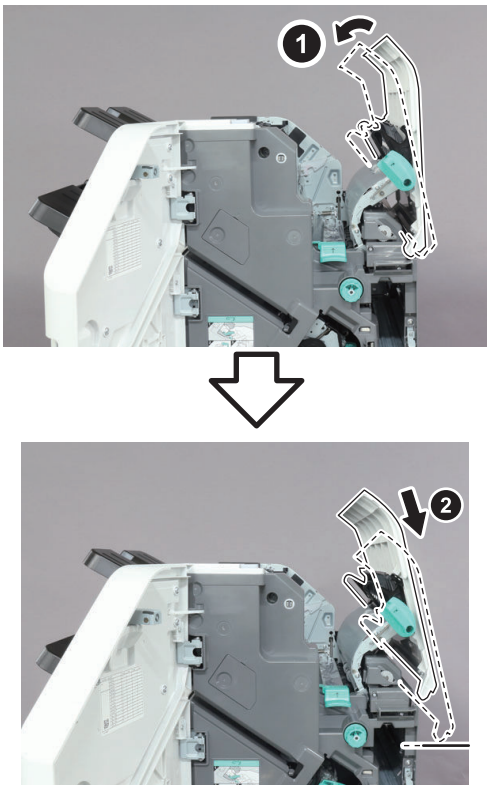
☐

17. Open the Upper Cover.



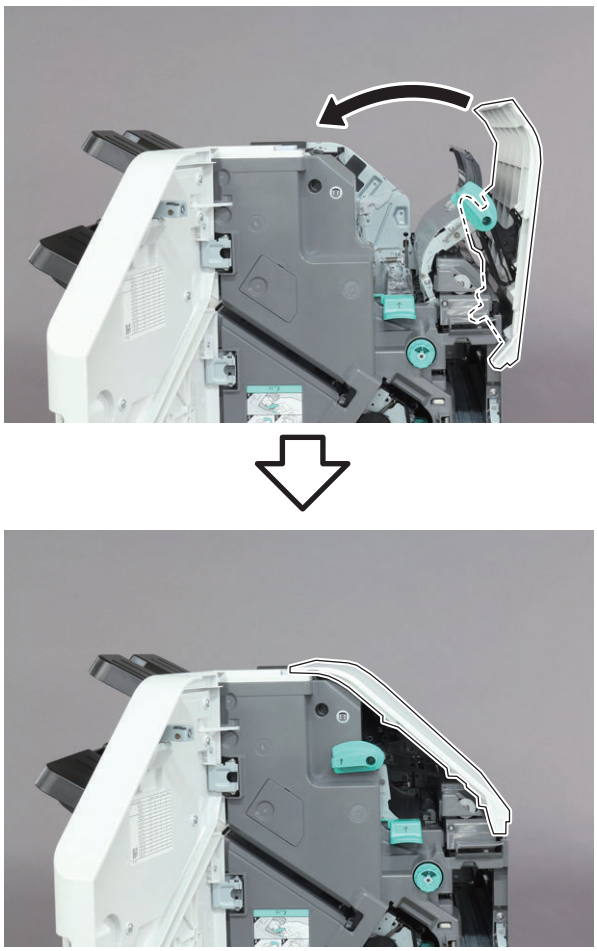
☐

18. **Holding the Central Part of the Upper Cover, lower the cover until it stops.**



☐

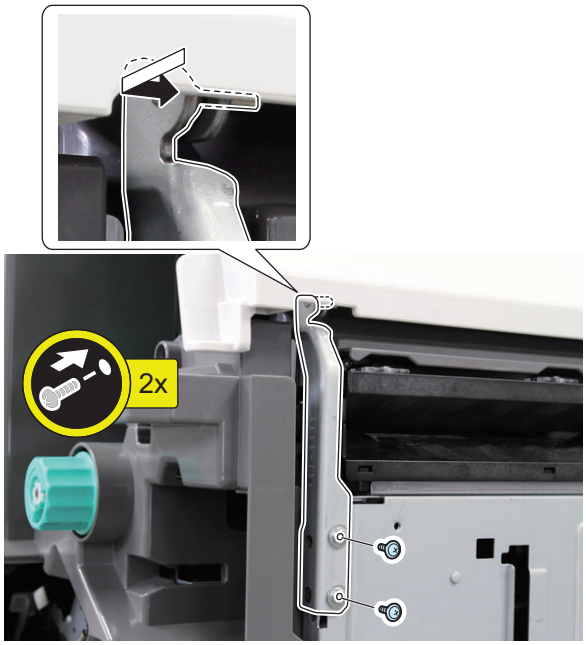
19. **Close the Upper Cover.**



☐

20. Install the Hinge Unit (front) in the Upper Cover.

- 2 Screws (TP ; M3x6)



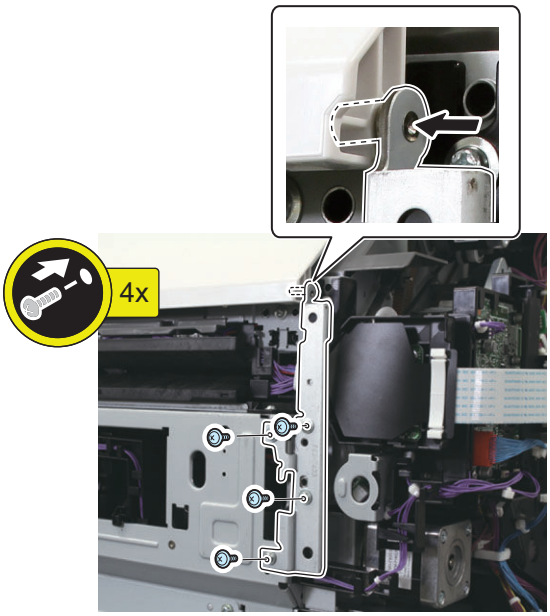
☐

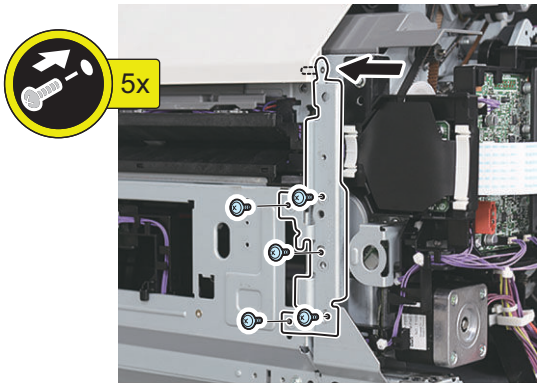
21. Install the Hinge Unit (rear) in the Upper Cover.

- 4 Screws (TP ; M3x6)

NOTE:
There is a case using 5 Screws for by a model.

- 4 Screws (TP ; M3x6)
- 1 Screw (TP(Black) ; M3x6)

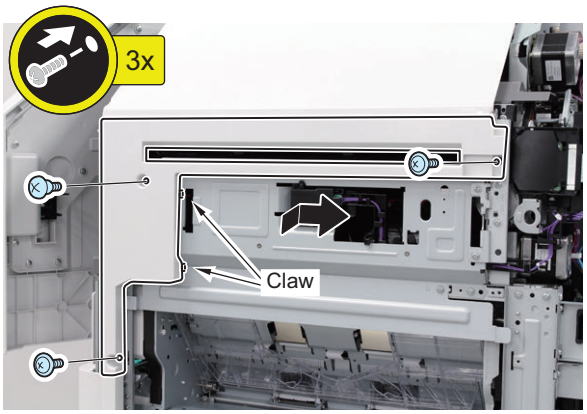




☐

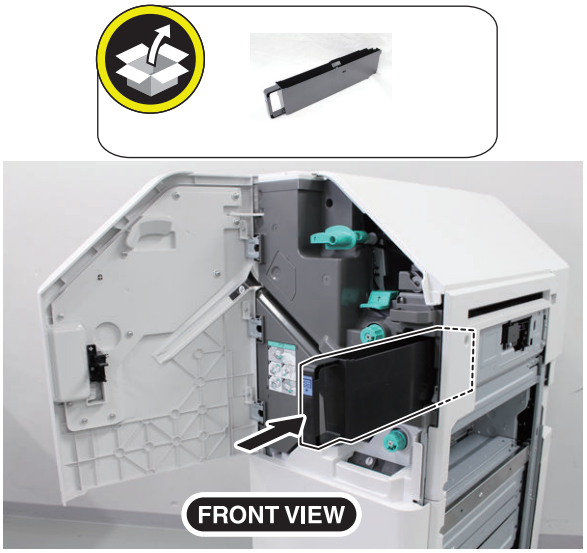
22. Install the Right Cover of the Finisher.

- 2 Claws
- 1 Screw (Stepped Screw ; M3x5)
- 2 Screws (TP ; M3x6)



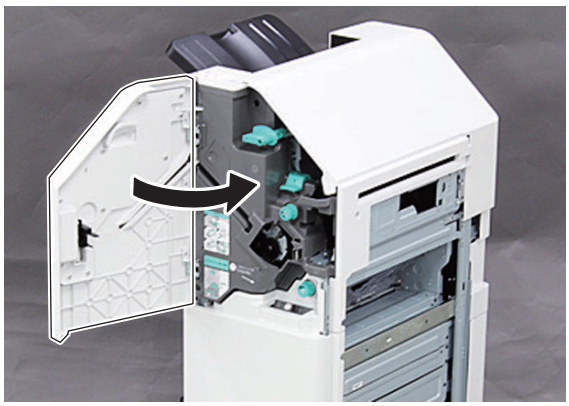
☐

23. Insert the Punch Waste Tray in the direction of the arrow from the front.



☐

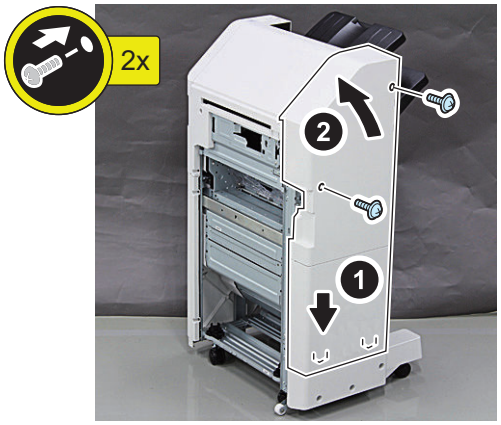
24. Close the Front Cover of the Finisher.



☐

25. Install the Rear Cover of the Finisher.

- 2 Claws
- 2 Screws (TP ; M3x6)



☐

26. Refer to the installation procedure of the Finisher to Install the Finisher in the Host Machine.

Disposal Parts Check

1. Following disposal parts are remained after completion of the installation work.

☐[1] Punch Lever Unit 1pc.
☐[2] Inlet Feed Guide 1pc.
☐[3] Punch Unit Open/ Close Guide 1pc.
☐[4] Punch Unit Fixing Pin 1pc.
☐[5] Face Seal 1pc.
☐[6] Rear Inner Cover (small) 1pc.
☐[7] Punch Unit Fixing Pin Holder 1pc.
☐[8] Face Cover 1pc.
☐[9] Screw (W Sems ; M3x6) 1pc.
☐[10] Screw (TP ; M3x6) 1pc.

Operation Check

☐

1. Turn ON the main power of the Host Machine.

☐

2. If a message prompting the user to update the version appears, press [Update] to automatically update the version of this Equipment.

NOTE:
If [Skip] is selected, a message prompting the user to update the version will appear every time the Host Machine is started. In the service mode (Level 2) shown below, it is possible to set not to display the message.

(Level2) COPIER > OPTION > FNC-SW > VER-CHNG

☐

3. **Check the operation such as paper feed and punch operation to make sure that problems such as a jam or malfunction do not occur.**

NOTE:
If the punch hole position of this Equipment needs to be adjusted, go to the "Checking and Adjusting the Punch Hole Position".

Adjusting the Output Level of the Punch Waste Full Sensor

After installing this Equipment, adjust the output level of the Punch Waste Full Sensor as follows.

☐

1. **Select the following item in the Service Mode and then press the OK button on the screen.**
   Service Mode (Level1) > SORTER > FUNCTION > FN-SENS2

☐

2. **When completing the output level adjustment successfully, the "OK" is indicated on the screen.**

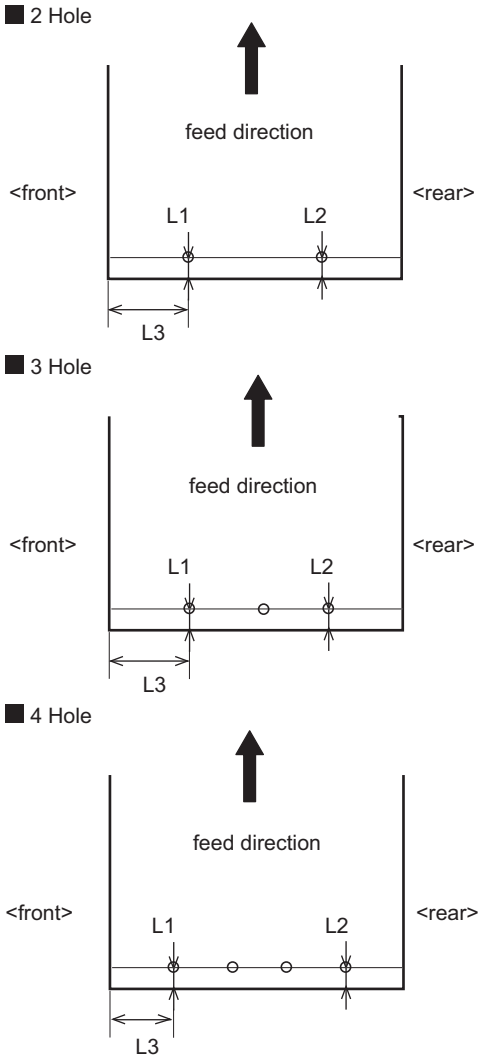
NOTE:
If the "NG" is indicated on the screen at the step 2, retry the adjustment by repeating the step 1. If the "NG" is indicated after retrying the adjustment, check whether there is not the malfunction in attachments and connections of the Punch Waste Full Sensor Unit and the surrounding area.

Checking and Adjusting the Punch Hole Position

■ Checking the Punch Hole Position

□

1. **Make a print with the punch mode and check whether the skew and side registration and the paper stop position are within the standard.**



<Standard>

- 2/3 Hole Puncher Unit

L1 , L2	12 ± 1.5 mm
L3	2 holes : • 73 ± 1.5 mm (11"x17"/ LTRR) 3 holes : • 31.5 ± 1.5 mm (11"x17"/ LTR) • 40.5 ± 1.5 mm (A3/ A4)

- 2/4 Hole Puncher Unit

L1 , L2	12 ± 1.5 mm
L3	2 holes : • 108.5 ± 1.5 mm (A3/ A4) • 99.7 ± 1.5 mm (11"x17"/ LTR) 4 holes : • 28.5 ± 1.5 mm (A3/ A4) • 19.7 ± 1.5 mm (11"x17"/ LTR)

- 4 Hole Puncher Unit

L1 , L2	12 ± 1.5 mm
L3	• 92.5 ± 1.5 mm (A3/ A4) • 83.7 ± 1.5 mm (11"x17"/ LTR)

■ Skew Adjustment (Mechanical adjustment)

When the punch hole position is skew (when L1 is not equal to L2), make the adjustment according to the following procedure.

● Adjustment Procedure

☐

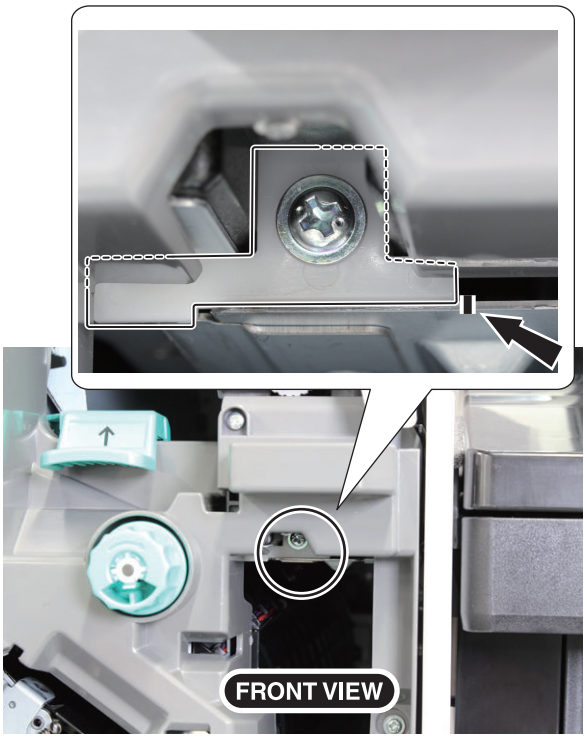
1. **Open the Front Cover of the Finisher.**

☐

2. **Remove the Punch Waste Tray.**

☐

3. **Mark the installation position of the Punch Unit Positioning Guide.**

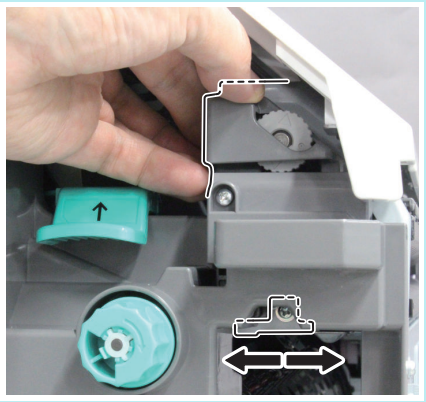


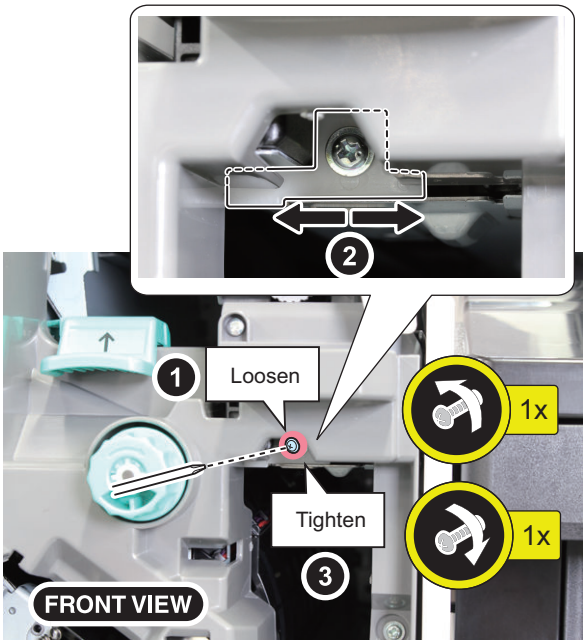
☐

4. **Loosen the screw fixing the Punch Unit positioning Guide, and then move the guide to adjust by referring the line marked in step 3. After adjusting, tighten the screw.**

NOTE:
When L1 > L2: Move the guide to the right.
When L1 < L2: Move the guide to the left.

NOTE:
When cannot moving the guide smoothly, move the Punch Unit to adjust as shown in the figure.





☐

5. **Install the Punch Waste Tray.**

☐

6. **Close the Front Cover of the Finisher.**

■ Side Registration Adjustment (Service mode adjustment)

When the side registration is not within the standard (when L3 is not within the standard), make the adjustment according to the following procedure.

☐

1. **Enter the following service mode to adjust the side registration.**
   Service Mode (Level 1) > SORTER > ADJUST > PNCH-Y

NOTE:
When the setting value is increased by 1, L3 increases by 0.1mm.
+: L3 increases. (The punch holes shift to the rear.)
-: L3 decreases. (The punch holes shift to the front.)

☐

2. **Exit the service mode.**

■ Paper Stop Position Adjustment (Service mode adjustment)

☐

1. **Enter the following service mode to adjust the paper stop position.**
   Service Mode (Level 1) > SORTER > ADJUST > PNCH-X

NOTE:
When the setting value is increased by 1, L1 and L2 increase by 0.1mm.
+: L1 and L2 increase. (The punch holes shift to the delivery direction.)
-: L1 and L2 decrease. (The punch holes shift to the inlet direction.)
-Settings/ Registration menu> Adjustment/ Maintence> Adjust Action> Switch Finisher Puncher Mode

☐

2. **Exit the service mode.**

Buffer Pass Unit-P1

Checking Before Installation

■ Points to Note on Installation

Install this Equipment after installing the Host Machine.

■ Product Name

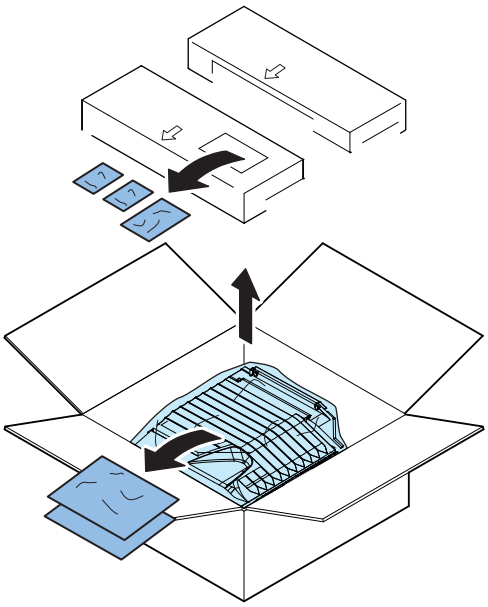
Safety regulations require the product's name to be registered. In some regions where this product product is sold, the following names may be registered instead.

- F281136

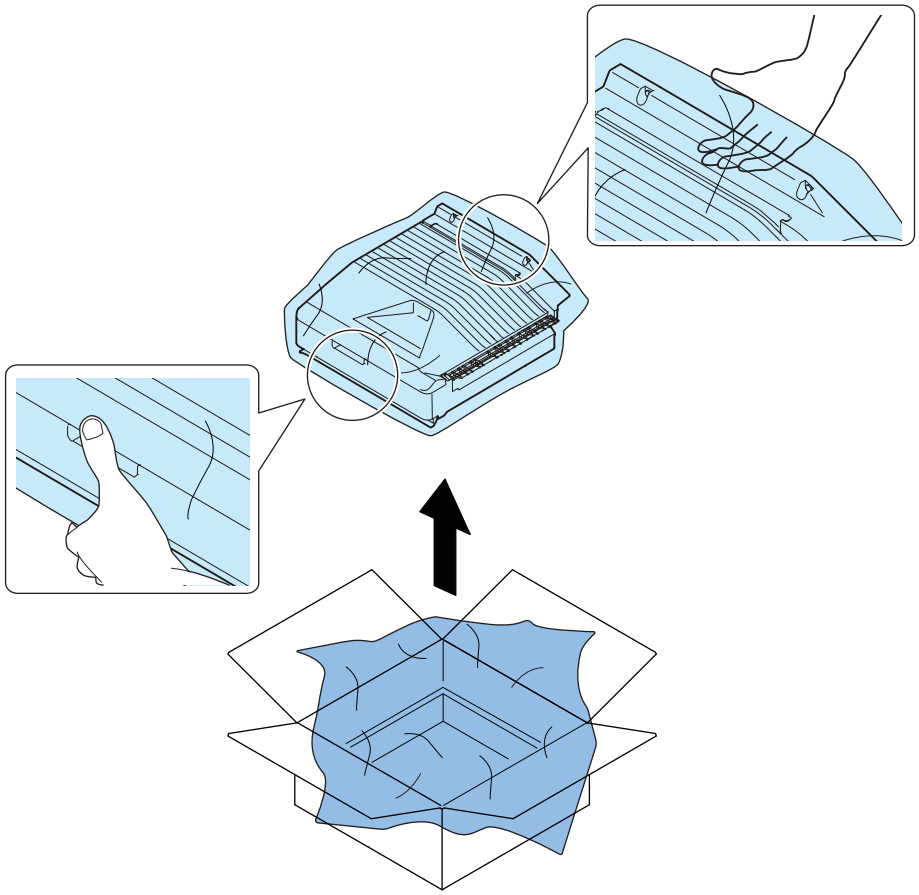
Unpacking Procedure

□

1.

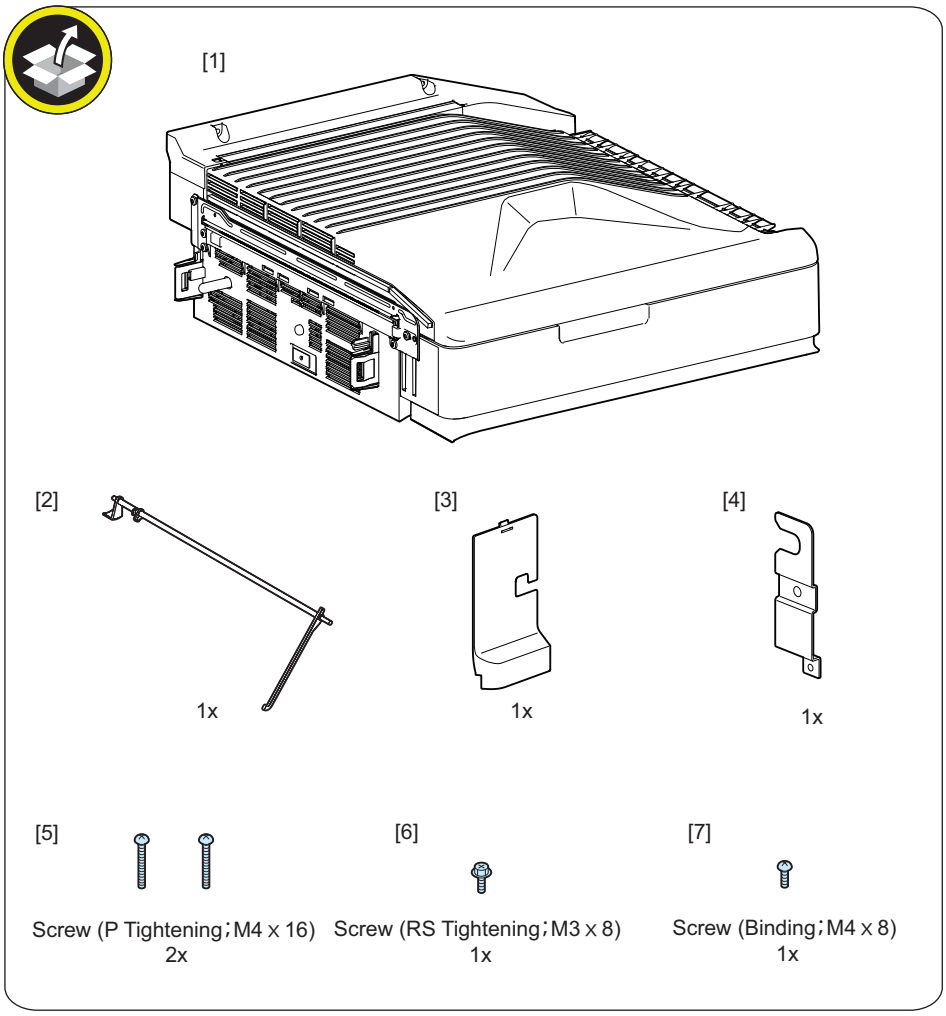


□
2.



Checking the Contents

Check that none of the included parts is missing.



<Others>
Other bundled items such as leaflets, etc.

Installation Procedure

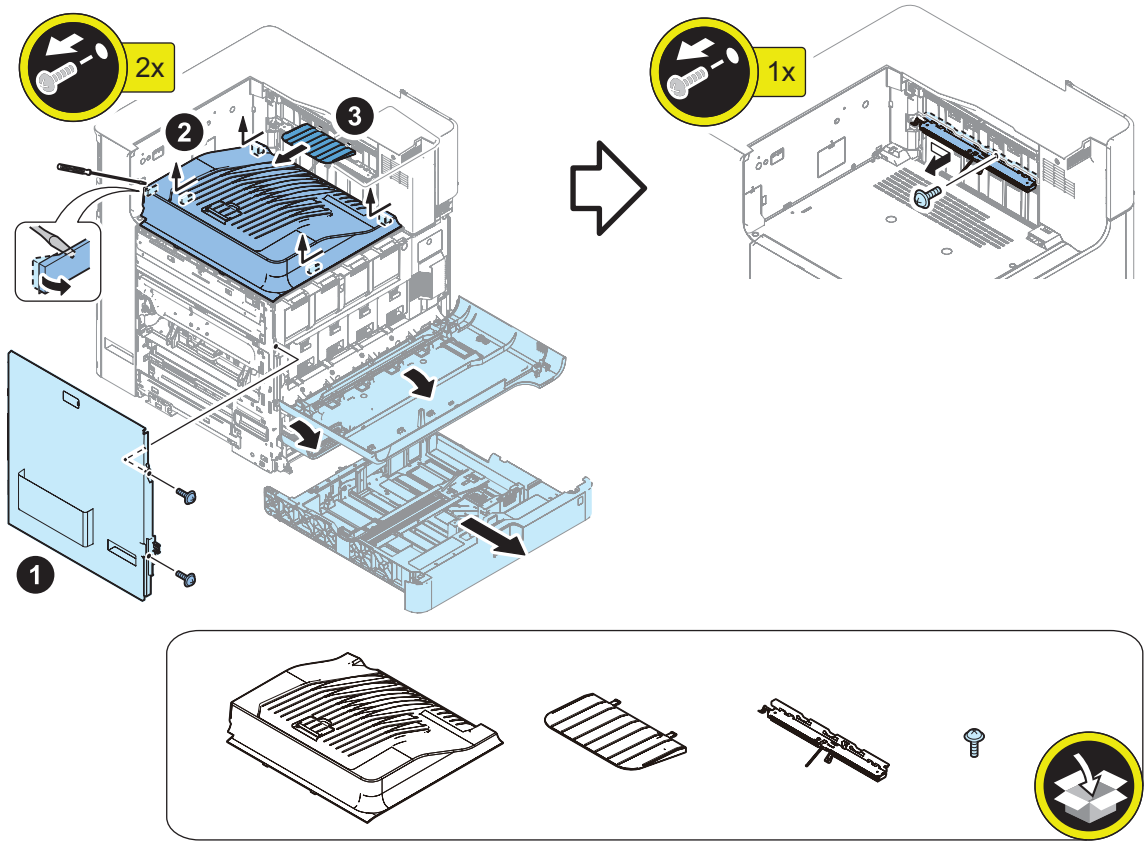
There are cases where illustrations or photographs of models other than this equipment are posted for common expression.

⚠ CAUTION:
Check that the main power switch is OFF and the power plug is disconnected from the outlet.

□

1. When the 1st Copy Tray Kit is installed, remove it.

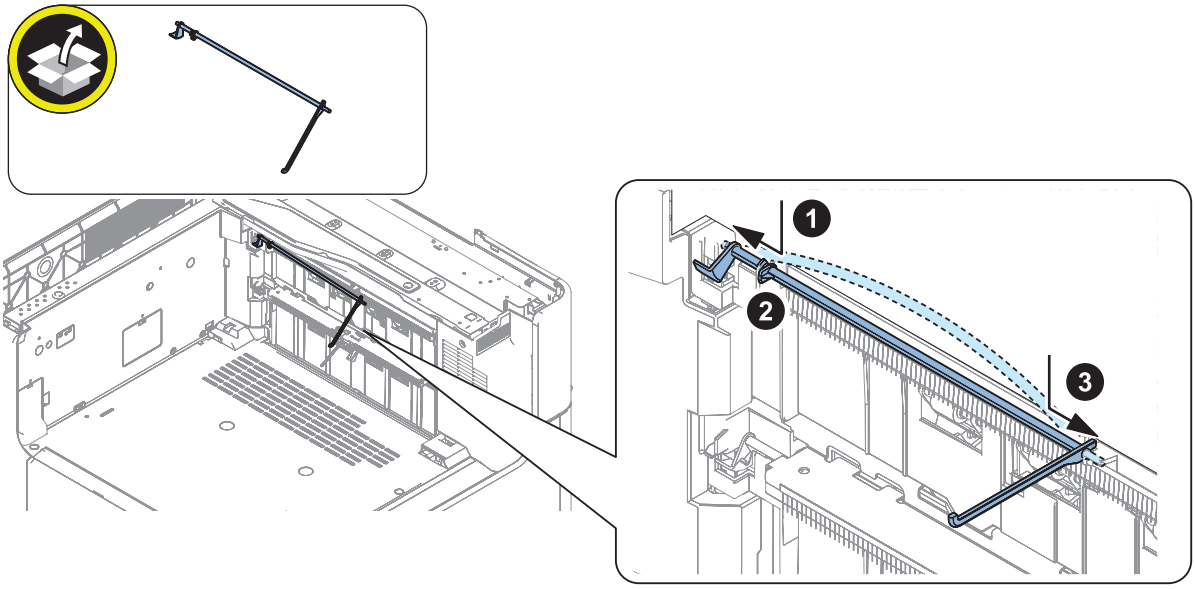
1-1. Pull out the 2nd Cassette of the host machine.
1-2. Open the Waste Toner Cover.
1-3. Open the Front Cover.
1-4. After removing the Left Cover, remove the 1st Copy Tray and the Trailing Edge Guide.
1-5. Remove the 1st Copy Tray Extension Guide Unit.



1-6. After installing the Left Cover, close the Front Cover, the Waste Toner Cover and the 2nd Cassette.

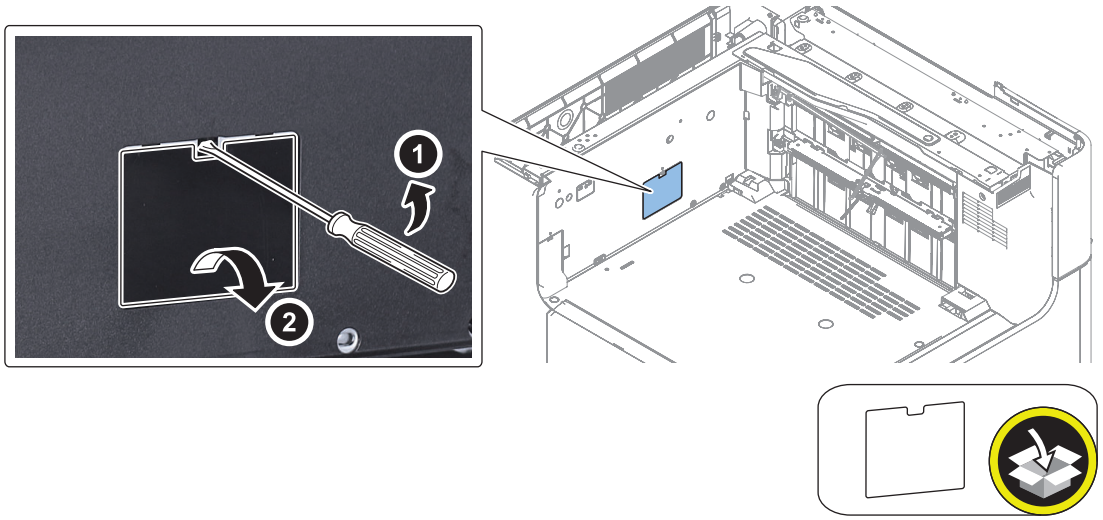
□

2.

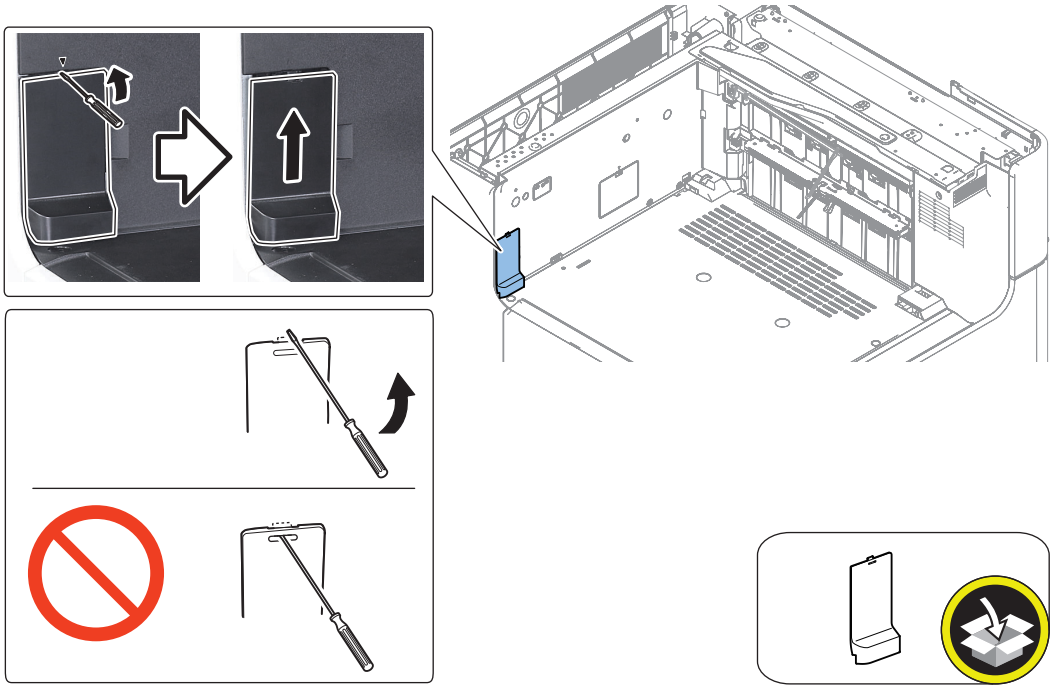


□
3.

⚠ CAUTION:
Be careful not to forget to remove the Bias PCB Cover, if it is forgotten to remove the cover, the Buffer Pass is not grounded, so that the controller of the host machine may be damaged by an electro static noise.

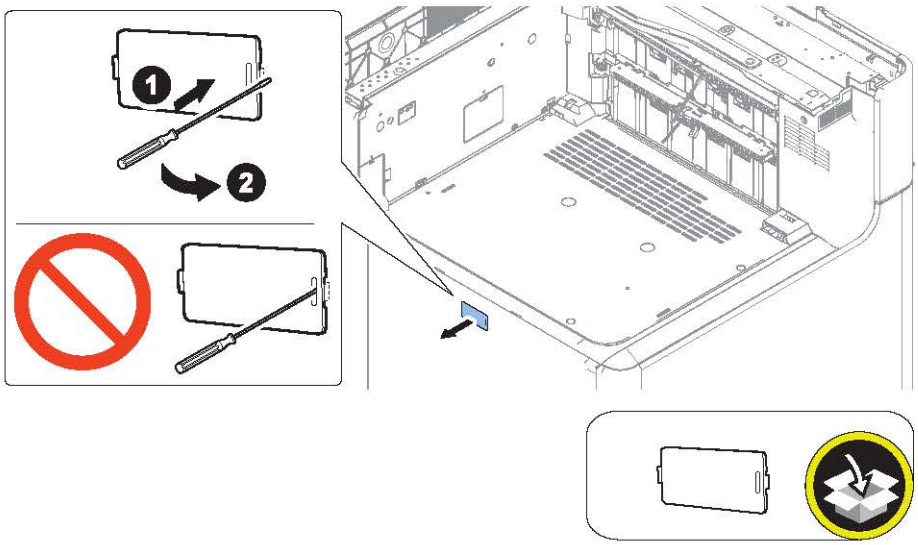


□
4.



□

5.



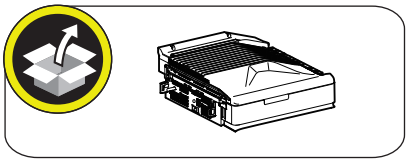
□

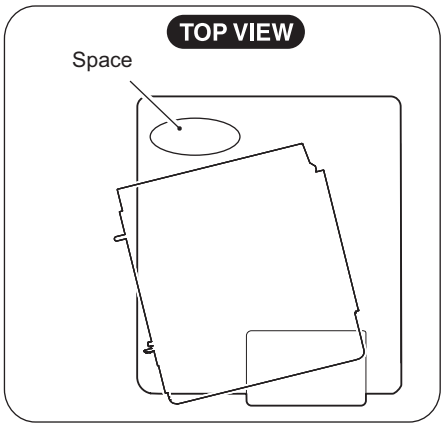
6.

□

7.

CAUTION:
Do not give a damage on delivery area of the host machine.





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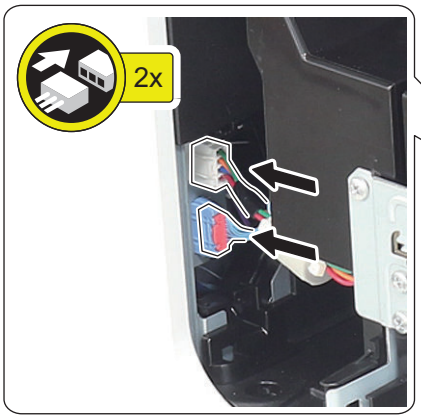
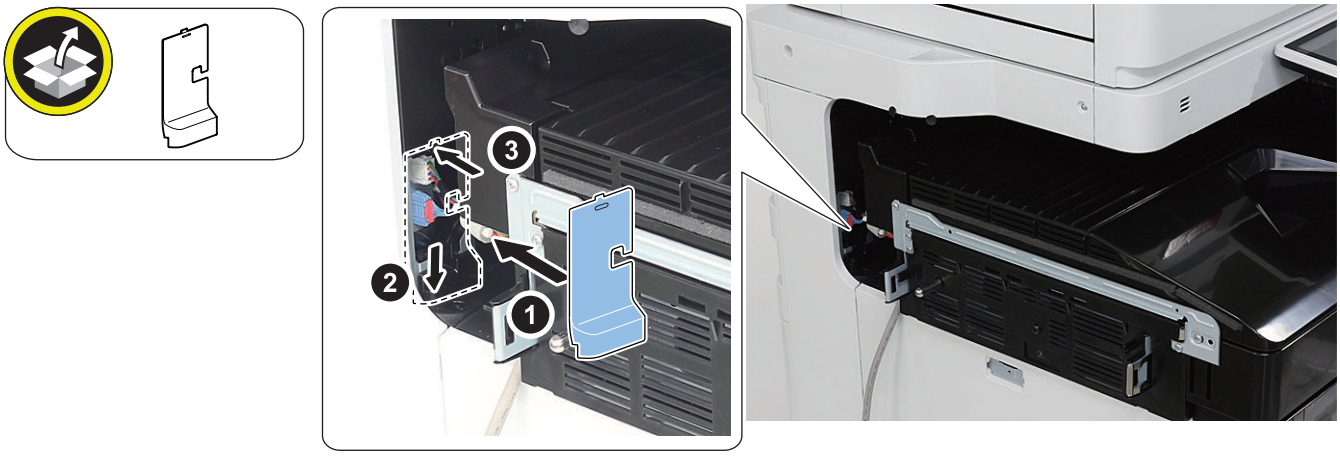
8.



□

9.

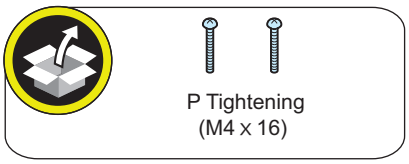


□

10.

□

11.



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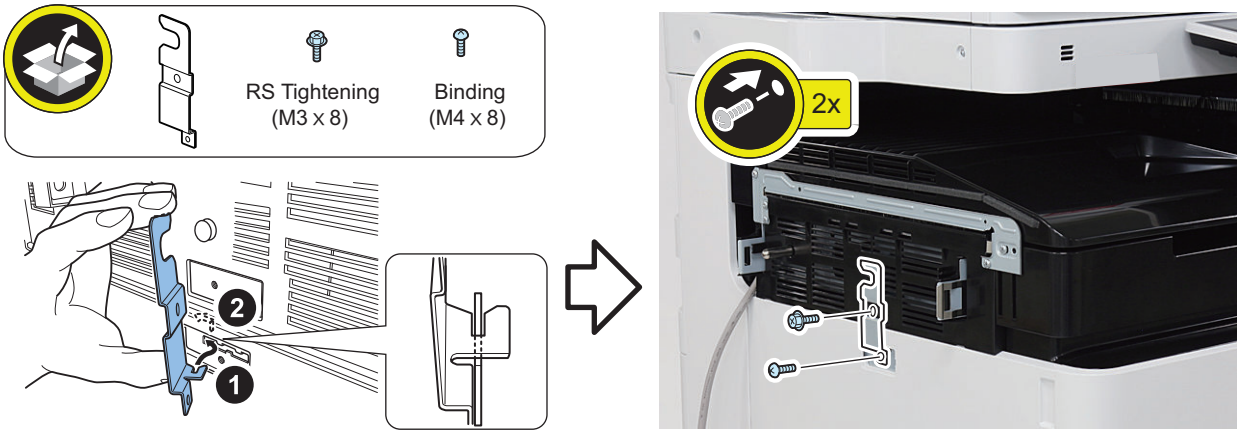
12.

☐

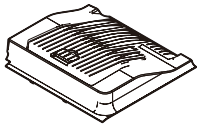
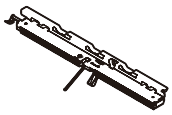
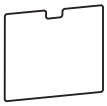
13.



Checking after Installation

■ Disposal Parts Check

Following disposal parts are remained after completion of the installation work.

☐[1]  1x (Installed to the host machine)	☐[2] 1x (Installed to the host machine)	☐[3]  1x (Installed to the host machine)	☐[4] Screws (D Tightening; M3x8) 1x (Installed to the host machine)
☐[5]  1x	☐[6] 1x	☐[7] 1x	

■ Operation Check

☐

1. **Turn ON the main power of the Host Machine after installing the Finisher.**

☐

2. **Check the operation such as paper feed to make sure that problems such as a jam or malfunction do not occur.**

Detaching from the Host Machine

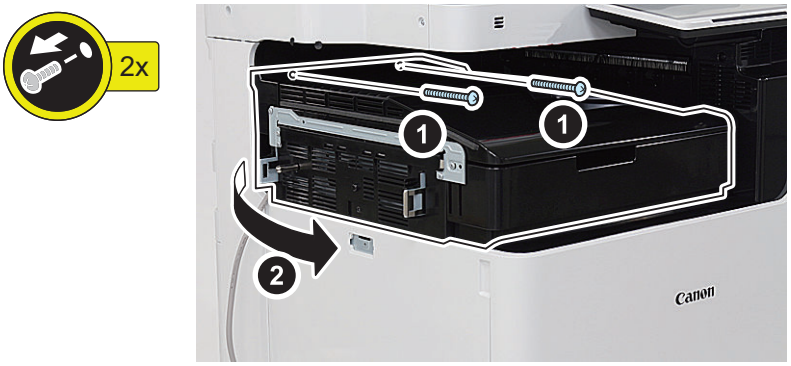
⚠ CAUTION:
Check that the main power switch is OFF and the power plug is disconnected from the outlet.

☐

1.

☐

2.



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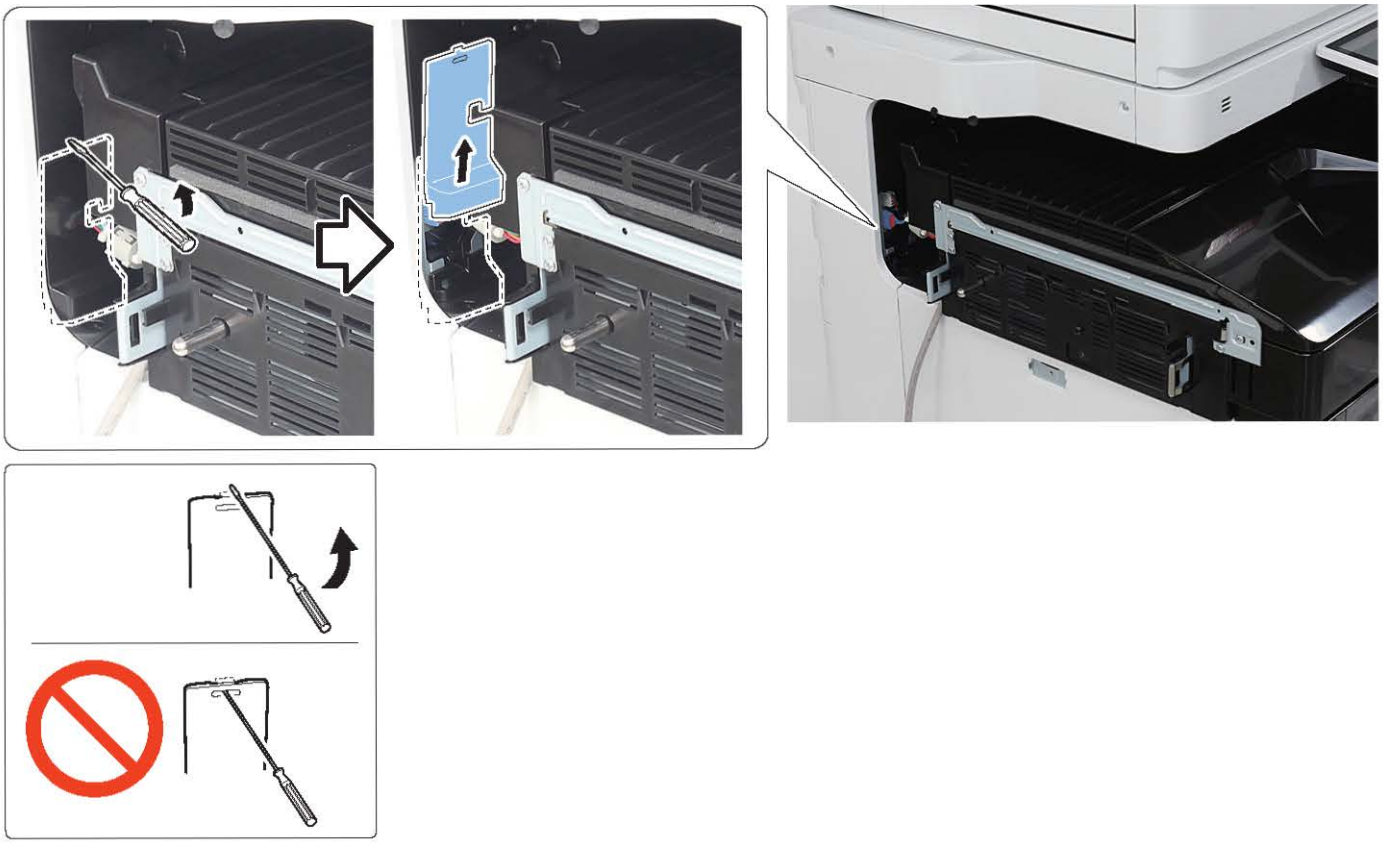
3.



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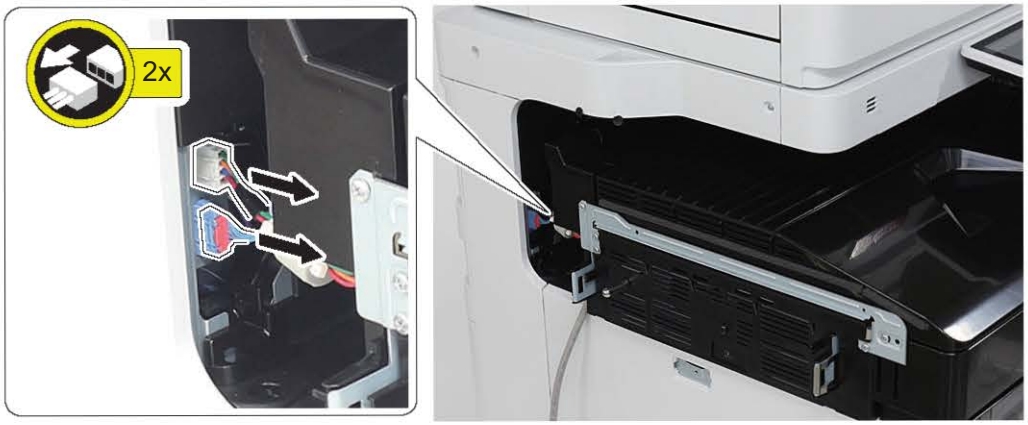
4.



□

5.

Inner Finisher-L1

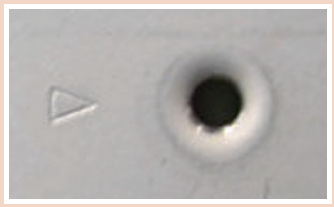
Checking before Installation

■ Points to Note at Installation

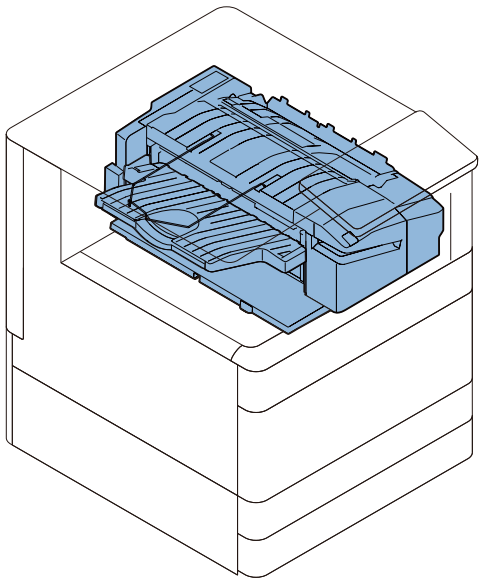
- This installation procedure is written only about the installation of the inner finisher. When installing the inner puncher together with the finisher, refer to the inner puncher installation procedure instead of referring this installation procedure. (reference: “Inner 2/3 2/4 4 Hole Puncher-D1” on page 523)

CAUTION:
Marked portion:

- When tightening the screws, do not tighten them too tightly. Otherwise, there is a risk of damage and deformation of screw holes.



■ Installation Outline Drawing



■ Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following names may be registered instead.
F281122

Unpacking Procedure

NOTE:
This equipment is packed using tapes, fixings and cushioning materials to be protected vibration and shock during transportation. Be sure to remove all the fixing materials and the tapes before starting to install this equipment.

☐

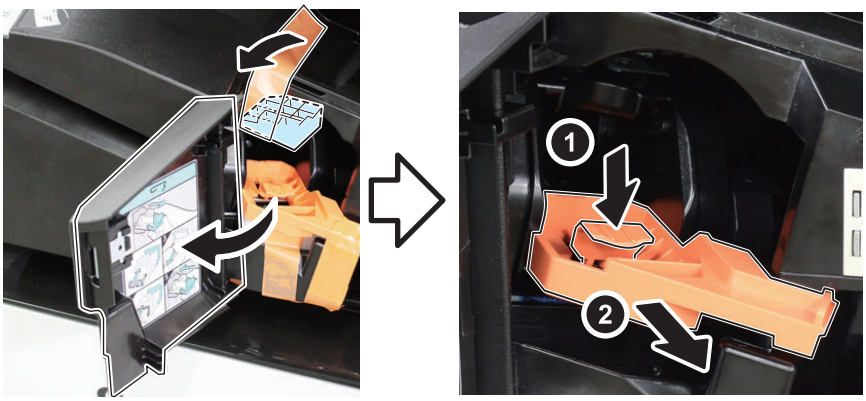
1. **Take out this equipment from the carton.**

☐

2. **Remove all the tapes and the cushioning materials outside this equipment.**

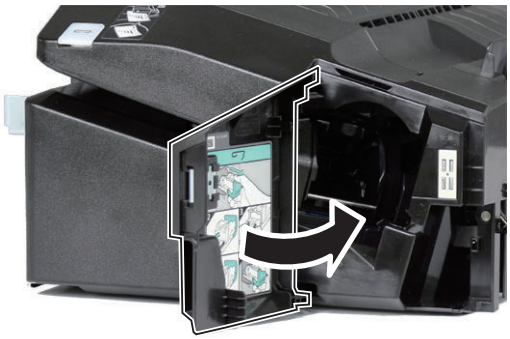
☐

3. **Open the Front Cover and then remove the two fixing materials and all the tapes of the Stapler Unit.**



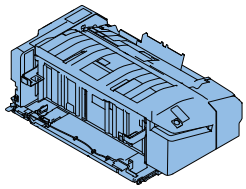
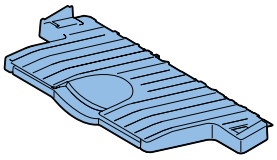
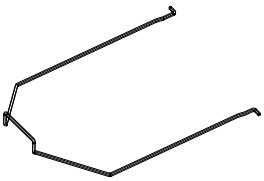
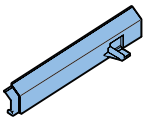
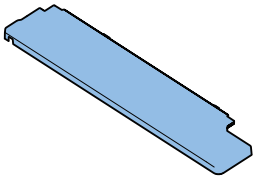
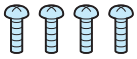
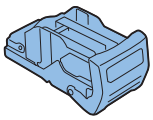
☐

4. **Close the Front Cover.**



Checking the Contents

Check that none of the included parts is missing.

☐ [1] Inner Finisher 1x 	☐ [2] Stack Tray 1x 	☐ [3] Wire Sub Tray 1x 
☐ [4] Harness Cover 1 1x 	☐ [5] Harness Cover 2 1x	☐ [6] Rail Cover 1x 
☐ [7] Sensor Flag (Gray) 1x	☐ [8] Screw (Binding (black); M3x8) 4x 	☐ [9] Staple Cartridge 1x 
☐ [10] Wire Saddle 1x		

NOTE:
When this equipment is installed, [10] part not used.

<Other>
Other bundled items such as leaflets, etc.

Installation Procedure

■ Preparation for Host Machine

NOTE:
When installing the Inner Puncher together with this equipment, refer to the Inner Puncher installation procedure instead of referring this installation procedure. (reference:“Inner 2/3 2/4 4 Hole Puncher-D1” on page 523)

□

1. **When the 1st Copy Tray Kit is installed, remove it.**

1-1. Pull out the Cassette 2.

1-2. Open the Waste Toner Assembly Cover.

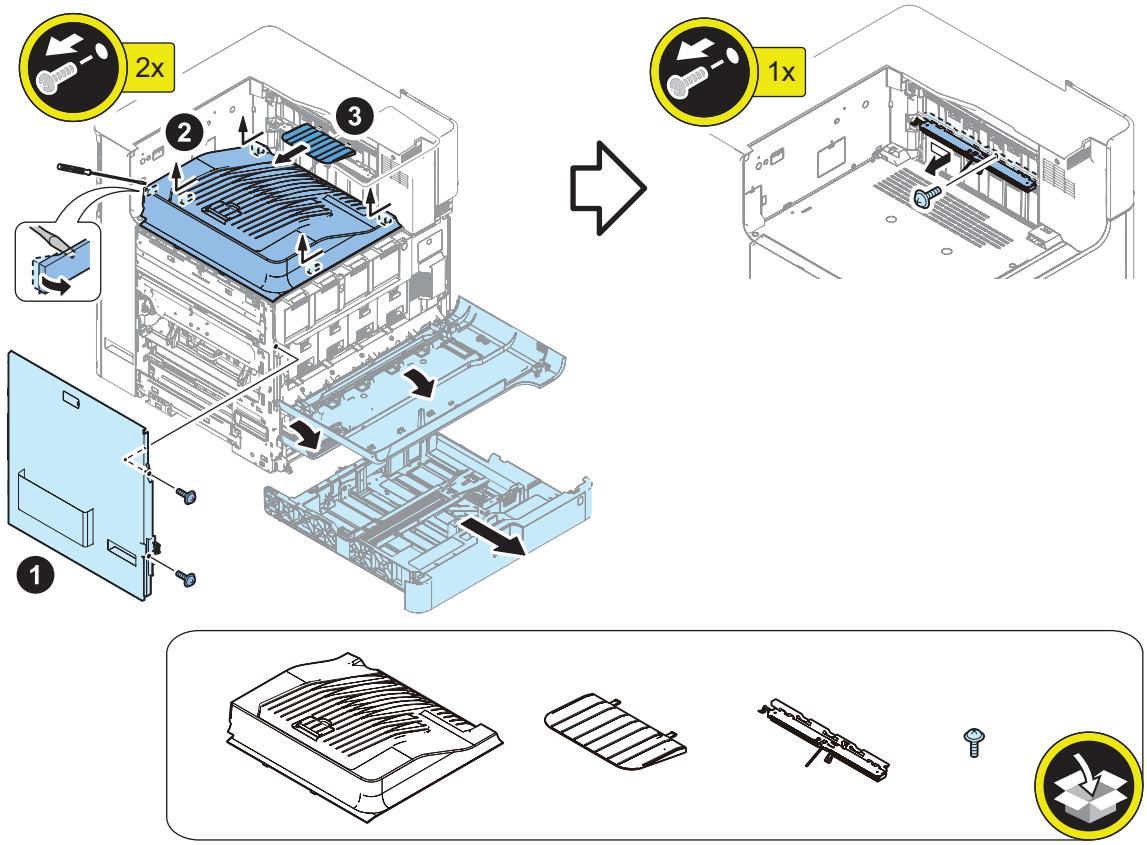
1-3. Open the Front Cover.

1-4. Remove the Left Cover, and the 1st Copy Tray, and the Reverse Trailing Edge Guide.

- 2 Screws
- 1 Claw
- 4 Hooks

1-5. Remove the 1st Copy Tray Extension Guide Unit.

- 1 Screw

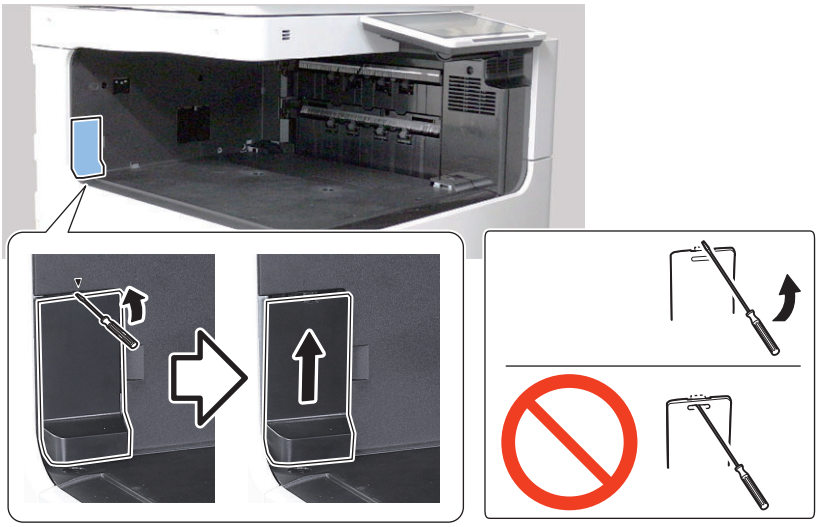


1-6. Restore the Left Cover and then close the Front Cover, Waste Toner Cover and Cassette 2.

- 2 Screws

☐

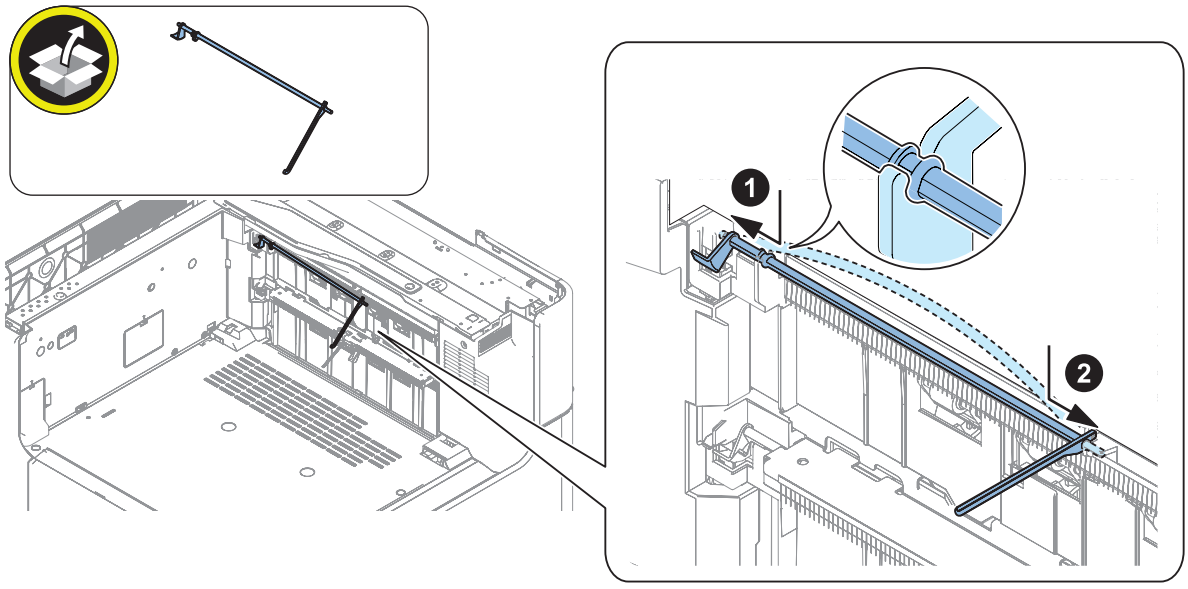
2. **Remove the Interface Cover.**
   - 1 Claw
   - 1 Protrusion



☐

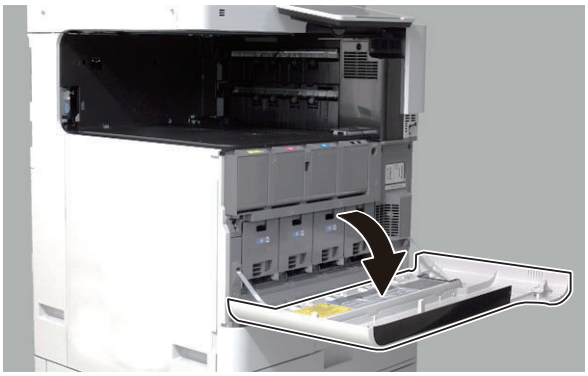
3. **Install the included Sensor Flag (Gray).**

NOTE:
Check that the Sensor Flag operates smoothly.



☐

4. **Open the Front Cover of the Host Machine.**

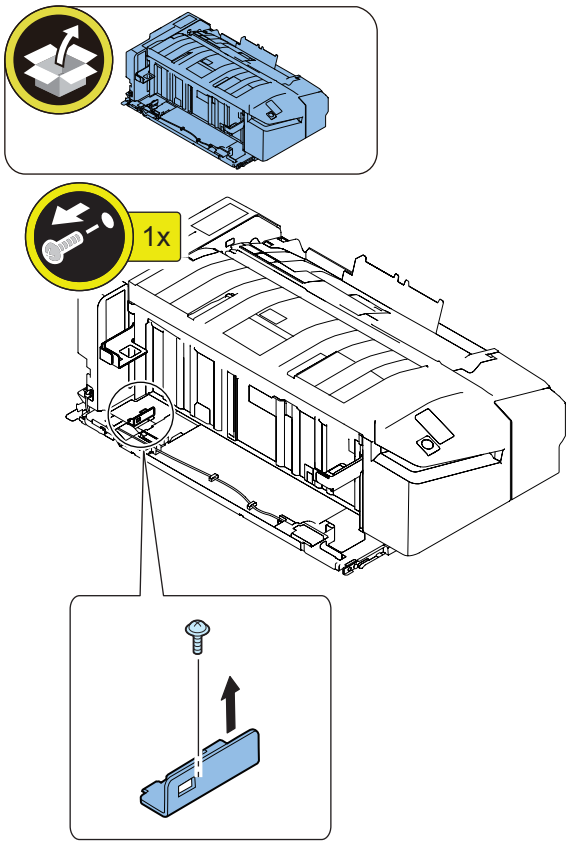


■ Installing This Equipment

☐

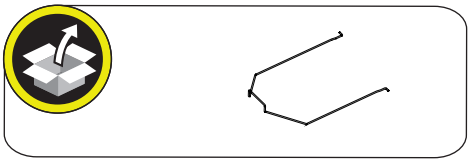
1. **Remove the fixing bracket.**
   - 1 Screw

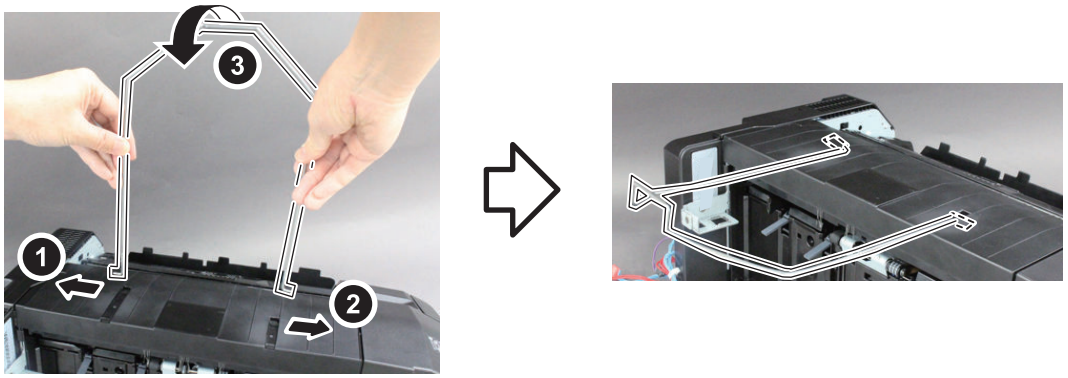
NOTE:
The removed impact absorbing materials shall be stored to reuse for transportation in case of transference and the repair of this Equipment.



☐

2. **Install the Wire Sub Tray.**
   - 2 Hooks



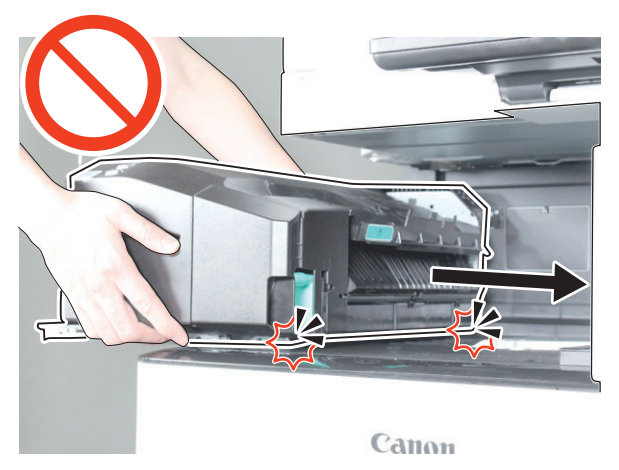


☐

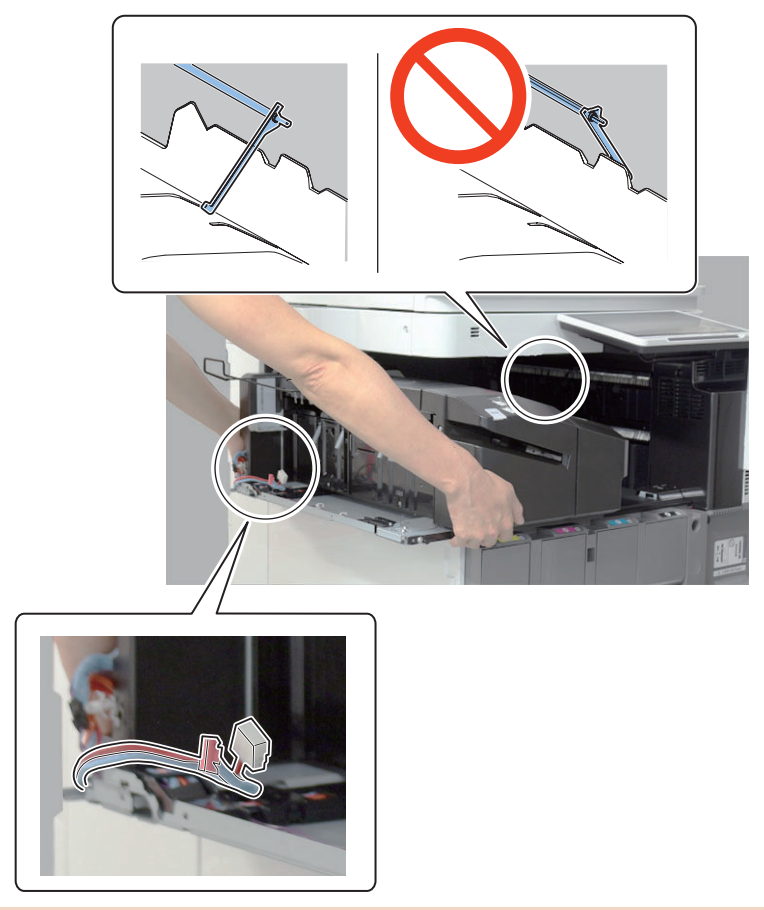
3. **Install this equipment to the Host Machine as shown in the figure carefully so that the Host Machine cannot be damaged.**

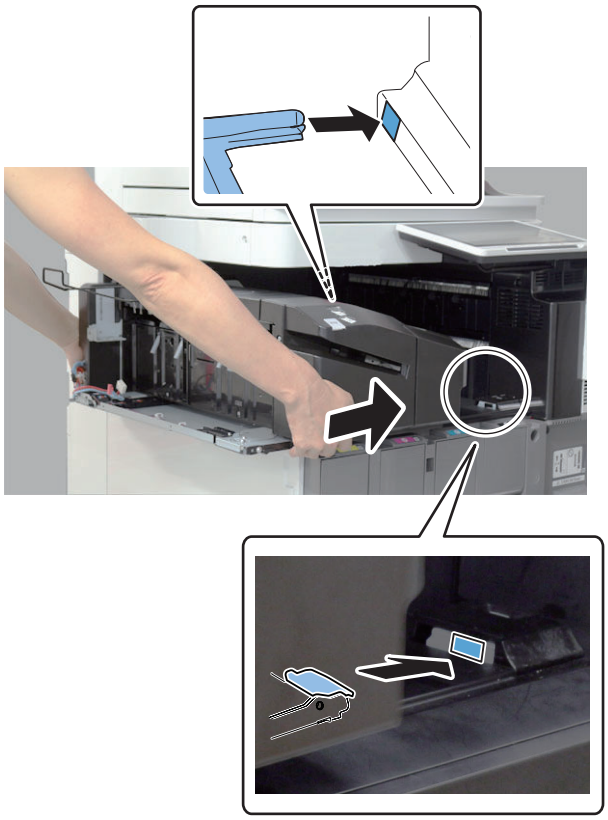
CAUTION:
When installing the Inner Finisher to the Host Machine, be careful of the following points.

- Do not slide the Inner Finisher on the inner part of the Host Machine nor bump the Inner Finisher to the covers of the Host Machine. Doing those may cause damage to the exterior of the Host Machine.



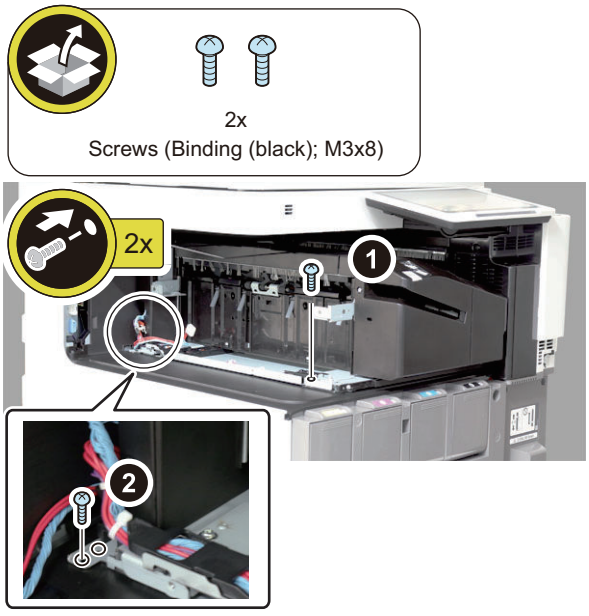
- Do not to put the Harness of the Inner Finisher and the Sensor Flag between the Inner Finisher and the Host Machine.





☐

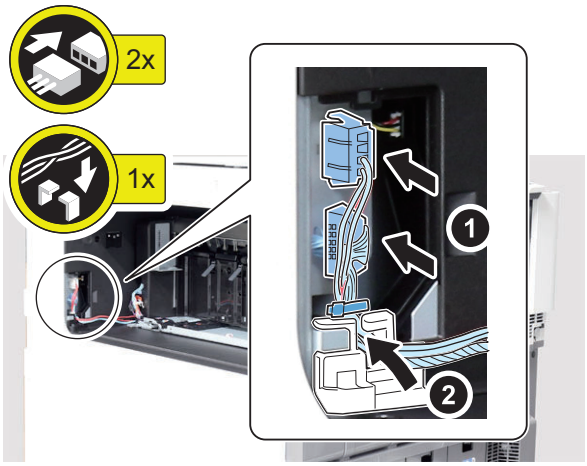
4. **Fix this equipment to the Host Machine.**
   - 2 Screws (Binding (black); M3x8)



☐

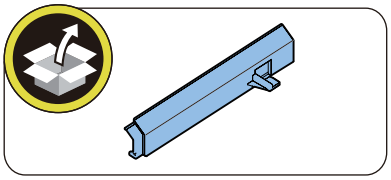
5. **Connect the connector of this equipment to the Host Machine.**
   - 2 Connectors
   - 1 Guide

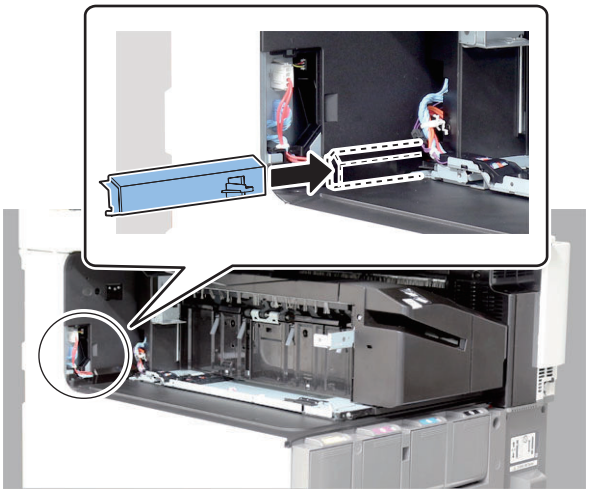
NOTE:
Secure the Harness Band to the position in the figure below.



☐

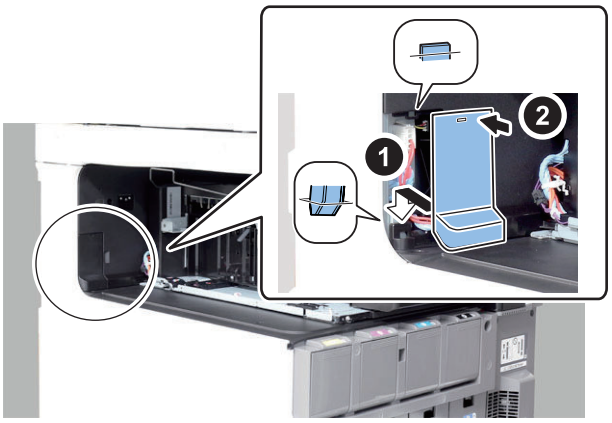
6. **Install the Harness Cover 1.**





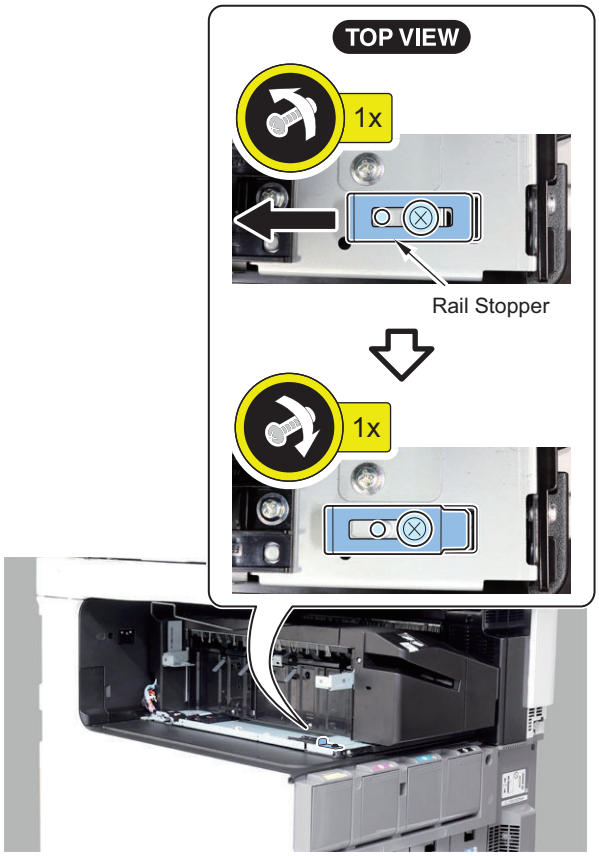
☐

7. **Install the Interface Cover removed at Step 2 in "Preparation for Host Machine".**
   - 1 Claw
   - 1 Protrusion



☐

8. **Release the Rail Stopper.**

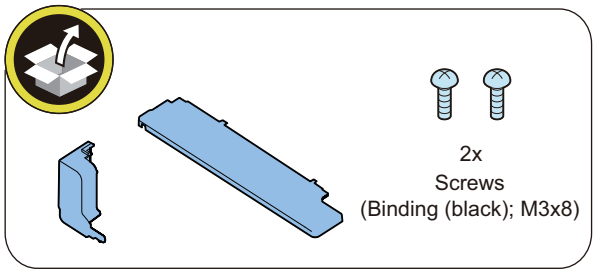


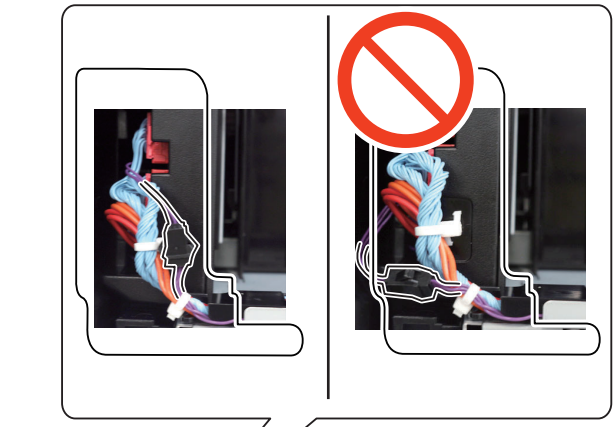
☐

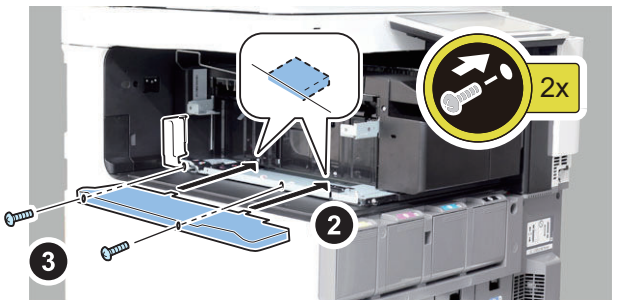
9. Install the Harness Cover 2 and Rail Cover.

- 2 Claws
- 2 Screws (Binding (black); M3x8)

CAUTION:
Before installing the Harness Cover 2, check that the connector is positioned as shown in the figure.



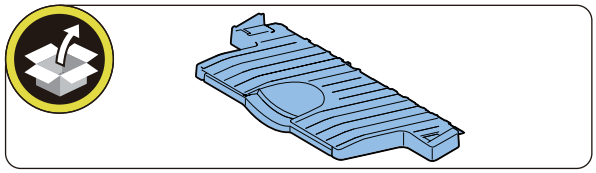


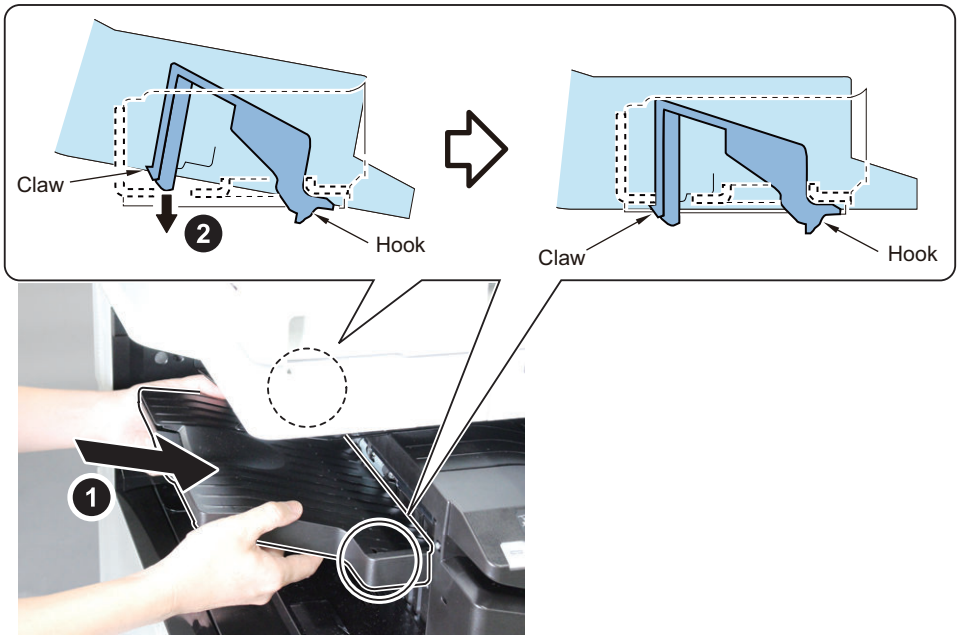


☐

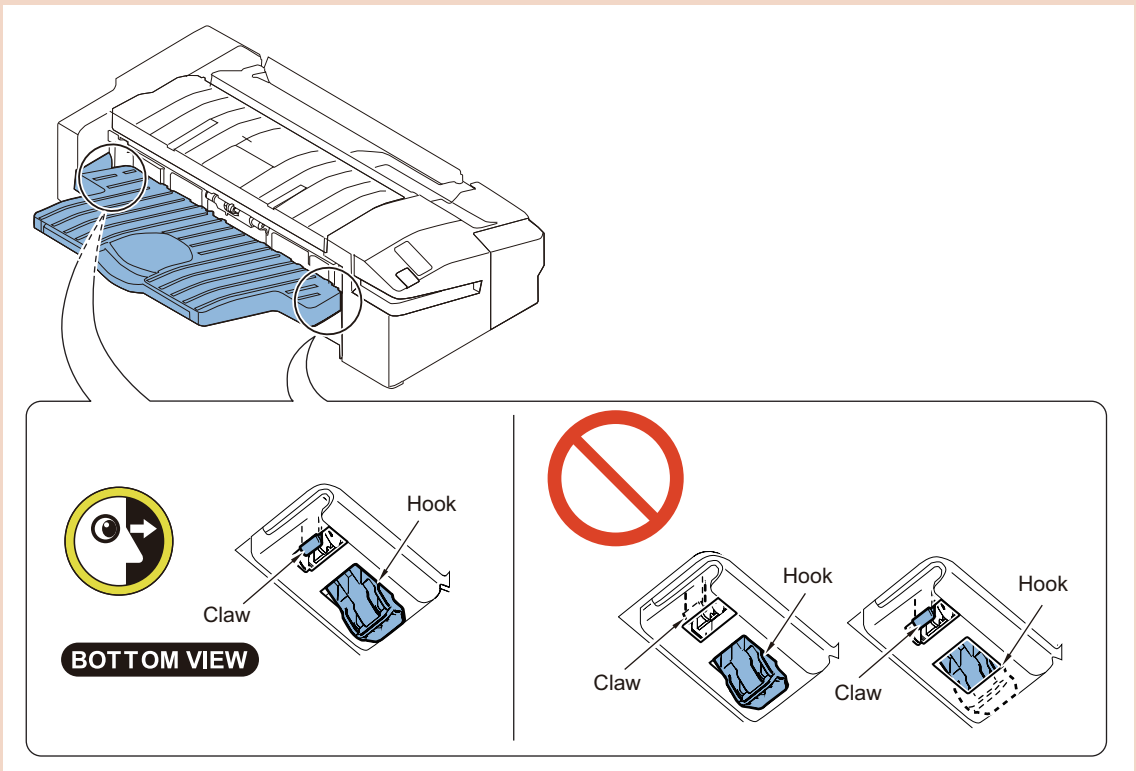
10. Install the Stack Tray.

- 2 Hooks
- 2 Claws



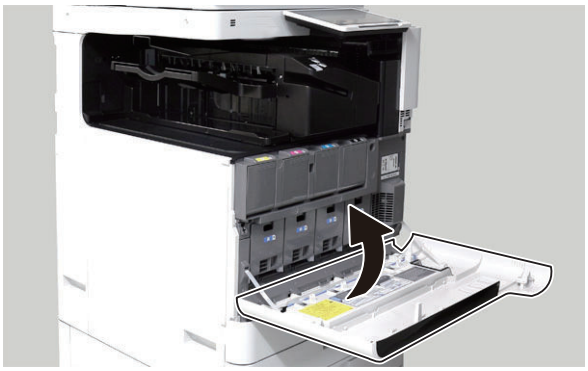


CAUTION:
Check that the Stack Tray is properly installed. If the installation fails, error; E540-8001/8002 may occur at power ON.



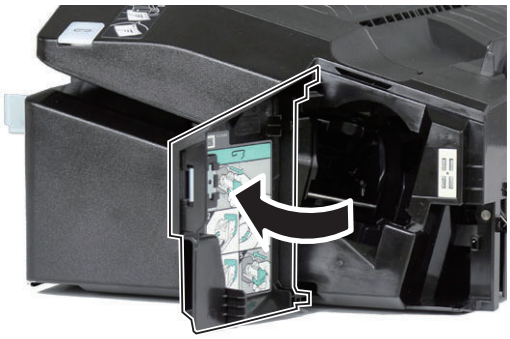
☐

11. Close the Front Cover of the Host Machine.



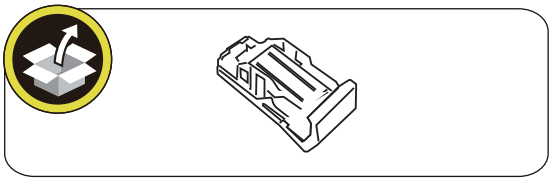
☐

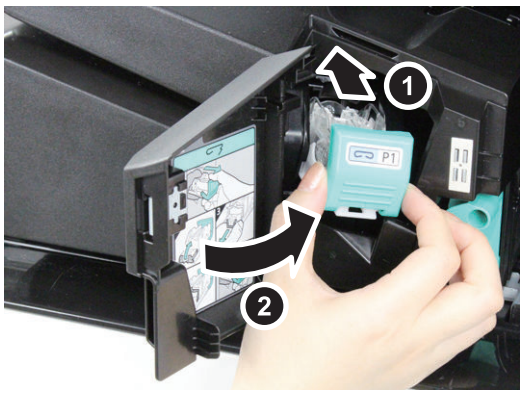
12. Open the Front Cover of the Inner Finisher.



☐

13. Set the Staple Cartridge into the Stapler Unit, and then close the Front Cover.

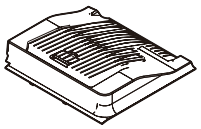
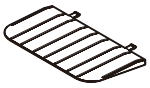
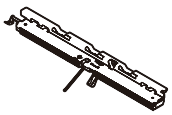




Checking after Installation

■ Disposal Parts

1. **Following disposal parts are remained after the installation procedure.**

☐[1]  1x (Installed to the host machine)	☐[2]  1x (Installed to the host machine)	☐[3]  1x (Installed to the host machine)
☐[4] Screws (D Tightening; M3x8) 1x (Installed to the host machine)	☐[5] 1x	

■ Operation Checks

☐

1. **Connect the power plug of the Host Machine in the outlet.**

☐

2. **Turn ON the main power of the Host Machine.**

☐

3. **If a message appears prompting the user to update the firmware, press [Update] to automatically update the firmware of this equipment.**

NOTE:
If [Skip] is selected, a message will appear every time when the Host Machine turns ON prompting the user to update the firmware.
In the service mode (Level 2) shown below, behavior of the message can be changed to be no longer displayed.
(Lv.2):
COPIER > OPTION > FNC-SW > VER-CHNG

☐

4. **Confirm the operation of Inner Finisher is normal at its paper transportation, staple mechanism, etc.**

Inner 2/3 2/4 4 Hole Puncher-D1

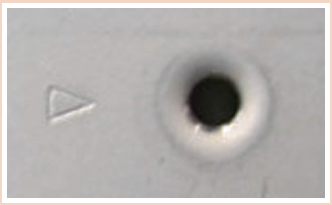
Checking before Installation

■ Points to Note at Installation

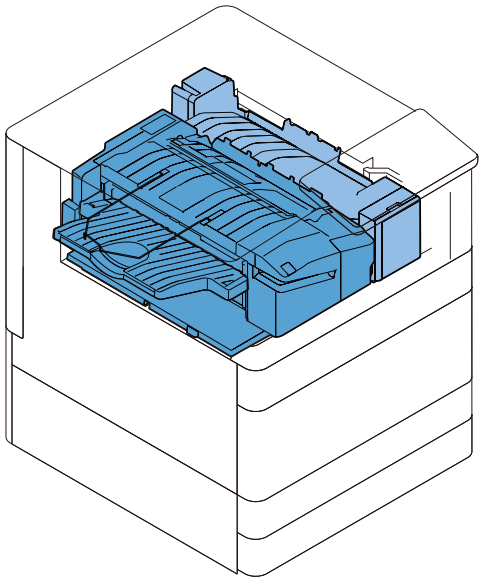
- This installation procedure is described about the installation both of this equipment and the Inner Finisher. When installing the Inner Finisher, refer to this installation procedure instead of the Inner Finisher-only installation procedure.

CAUTION:
Marked portion:

- When tightening the screws, do not tighten them too tightly. Otherwise, there is a risk of damage and deformation of screw holes.



■ Installation Outline Drawing



■ Product Name

Safety regulations require the product's name to be registered. In some regions where this product is sold, the following names may be registered instead.
F281430

Unpacking Procedure

NOTE:
This equipment is packed using tapes, fixings and cushioning materials to be protected vibration and shock during transportation. Be sure to remove all the fixing materials and the tapes before starting to install this equipment.

■ Unpacking This Equipment

☐

1. **Take out this equipment from the carton.**

☐

2. **Remove all the tapes and the cushioning materials outside this equipment.**

■ Unpacking the Inner Finisher

☐

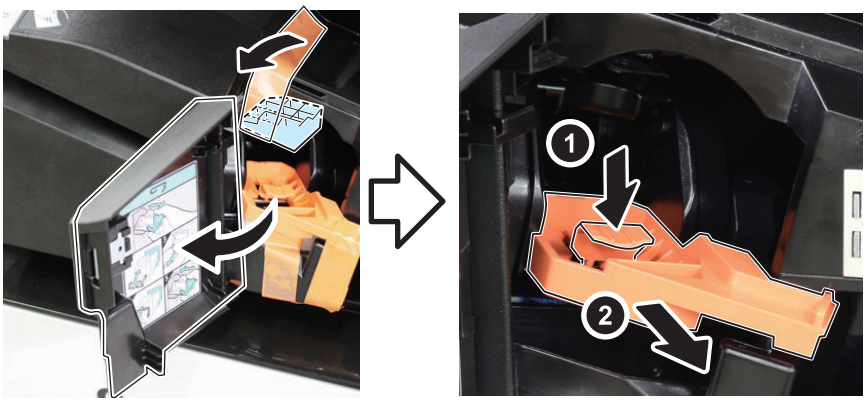
1. **Take out the Inner Finisher from the carton.**

☐

2. **Remove all the tapes and the cushioning materials outside the Inner Finisher.**

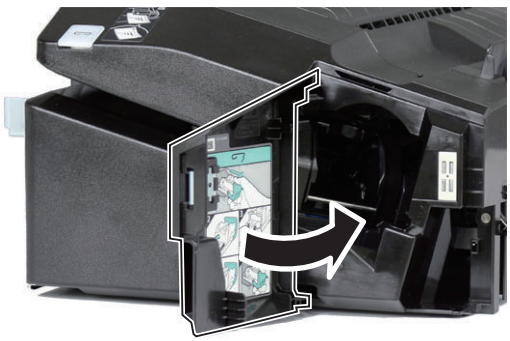
☐

3. **Open the Front Cover and then remove the two fixing materials and all the tapes of the Stapler Unit.**



☐

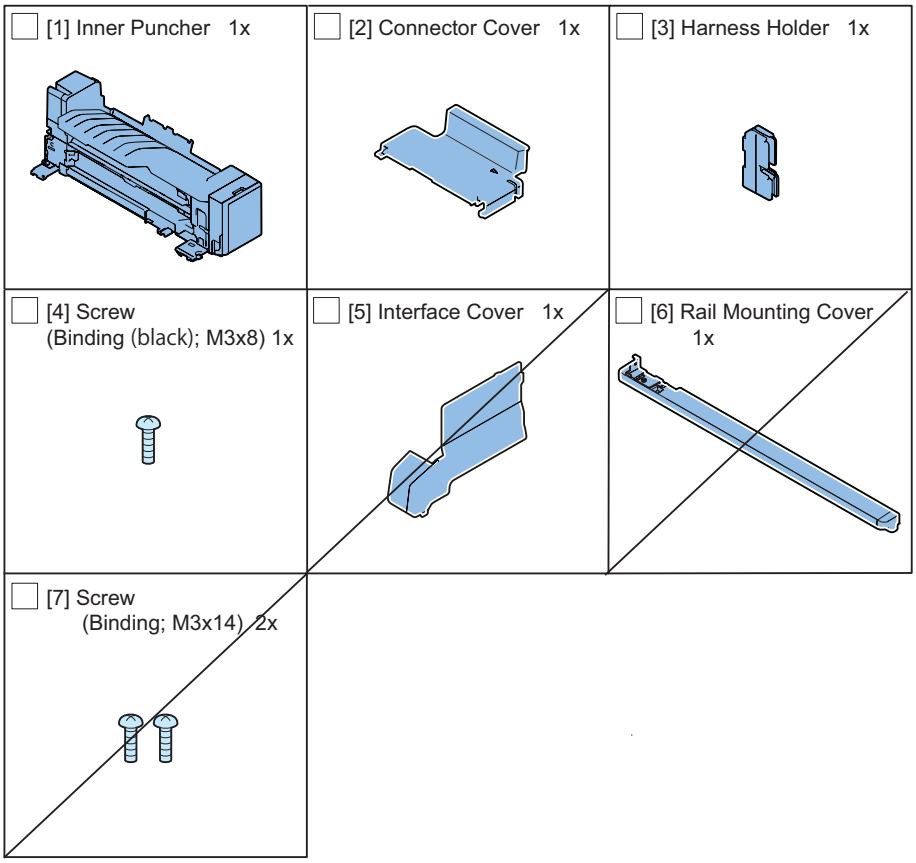
4. **Close the Front Cover.**



Checking the Contents

Check that none of the included parts is missing.

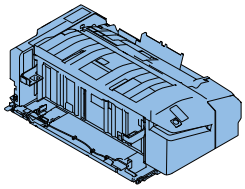
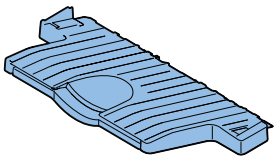
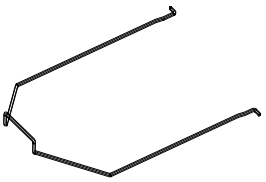
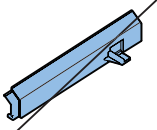
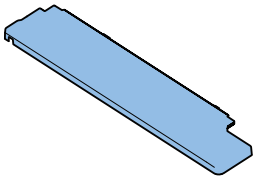
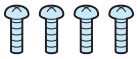
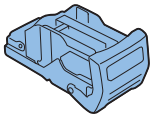
■ The Contents of This Equipment



NOTE:
When this equipment is installed, [5], [6] and [7] parts not used.

<Other>
Other bundled items such as leaflets, etc.

■ The Contents of Inner Finisher

☐ [1] Inner Finisher 1x 	☐ [2] Stack Tray 1x 	☐ [3] Wire Sub Tray 1x 
☐ [4] Harness Cover 1 1x 	☐ [5] Harness Cover 2 1x	☐ [6] Rail Cover 1x 
☐ [7] Sensor Flag (Gray) 1x	☐ [8] Screw (Binding (black); M3x8) 4x 	☐ [9] Staple Cartridge 1x 
☐ [10] Wire Saddle 1x		

NOTE:
When this equipment is installed, [4] and [10] parts not used.

<Other>
Other bundled items such as leaflets, etc.

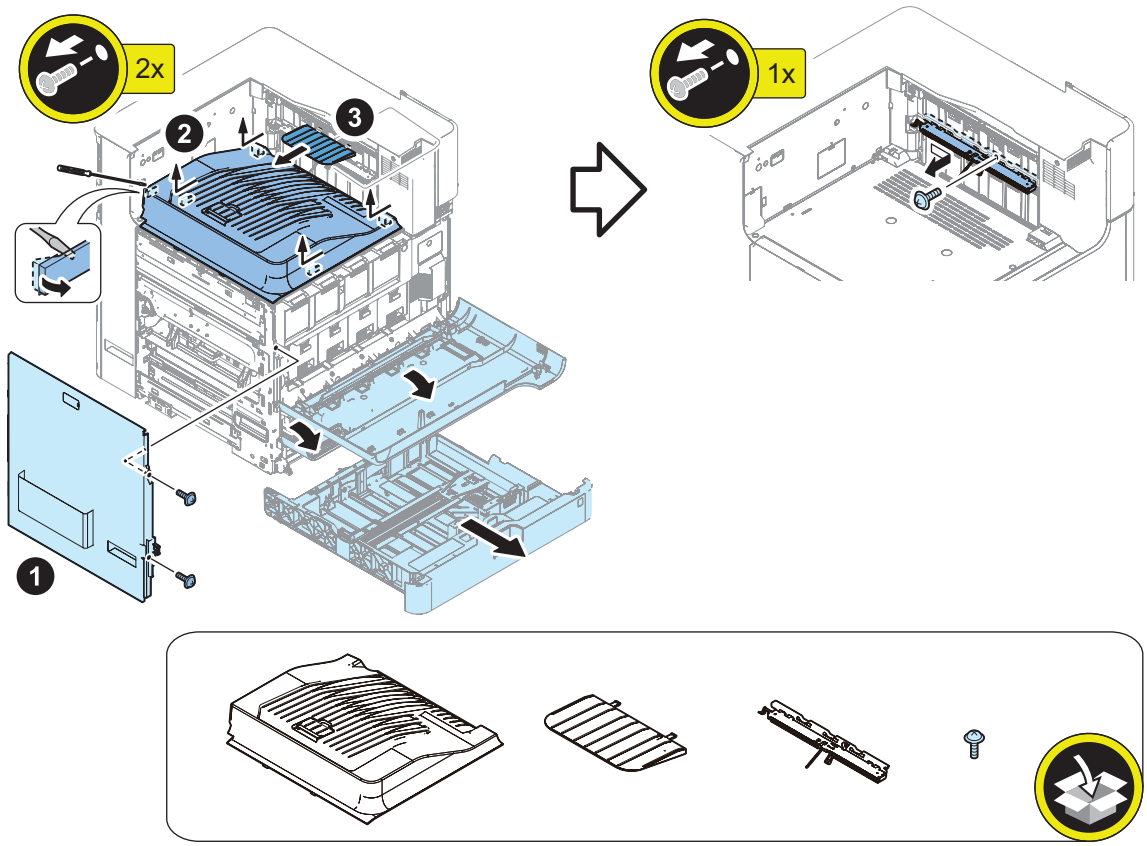
Installation Procedure

■ Preparation for Host Machine

□

1. **When the 1st Copy Tray Kit is installed, remove it.**
   1-1. Pull out the Cassette 2.
   1-2. Open the Waste Toner Assembly Cover.
   1-3. Open the Front Cover.
   1-4. Remove the Left Cover, and the 1st Copy Tray, and the Reverse Trailing Edge Guide.
   - 2 Screws
   - 1 Claw
   - 4 Hooks

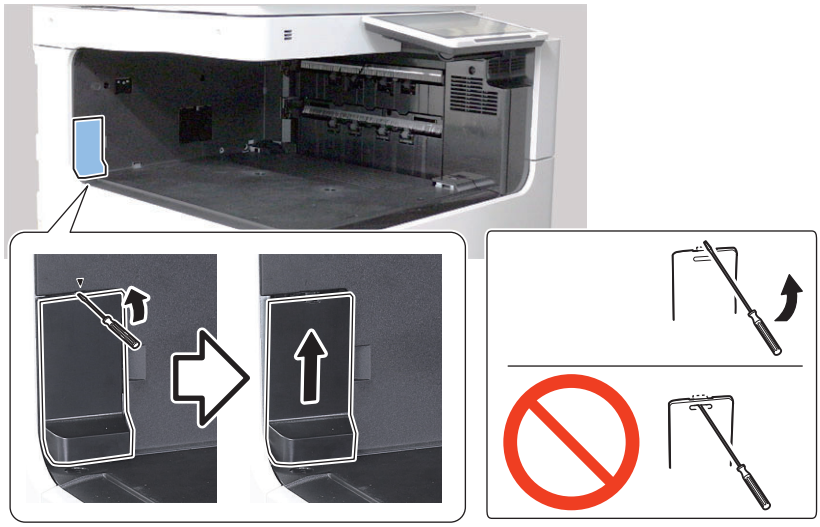
   1-5. Remove the 1st Copy Tray Extension Guide Unit.
   - 1 Screw



   1-6. Restore the Left Cover and then close the Front Cover, Waste Toner Cover and Cassette 2.
   - 2 Screws

☐

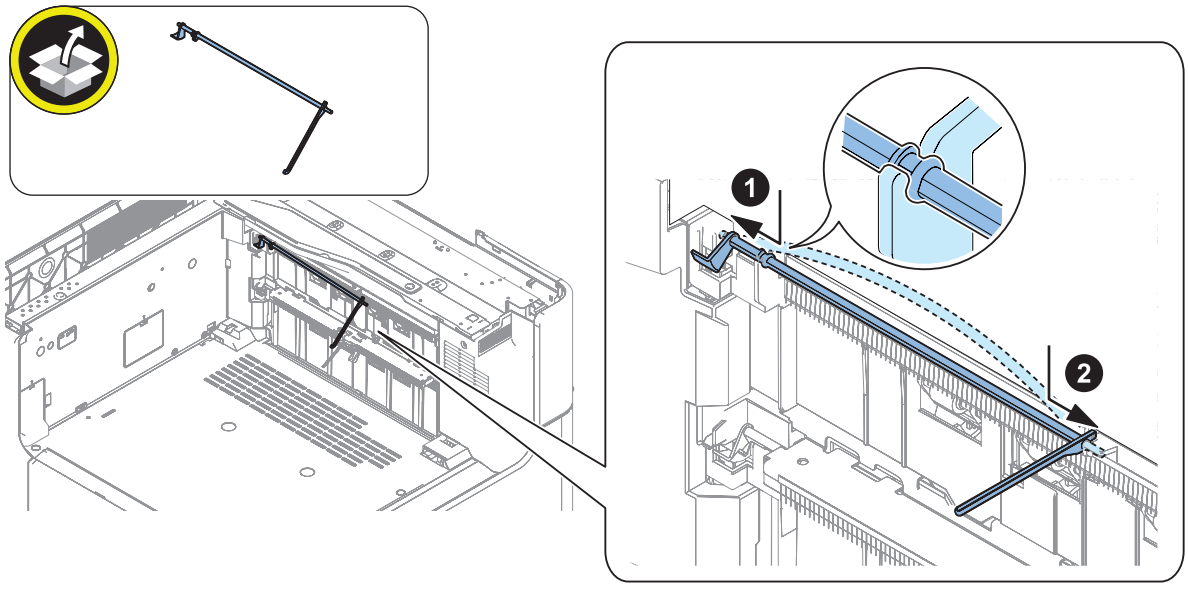
2. **Remove the Interface Cover.**
   - 1 Claw
   - 1 Protrusion



☐

3. **Install the Sensor Flag (Gray) (supplied with Inner Finisher).**

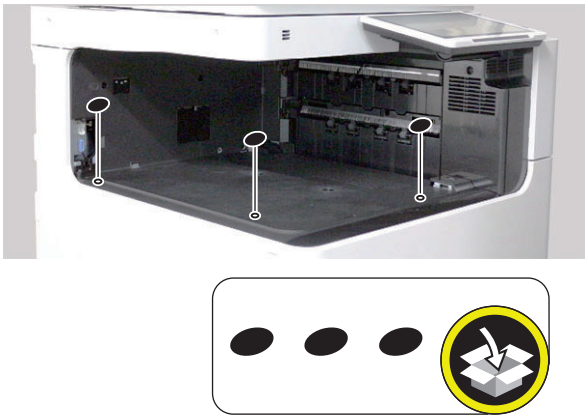
NOTE:
Check that the Sensor Flag operates smoothly.



☐

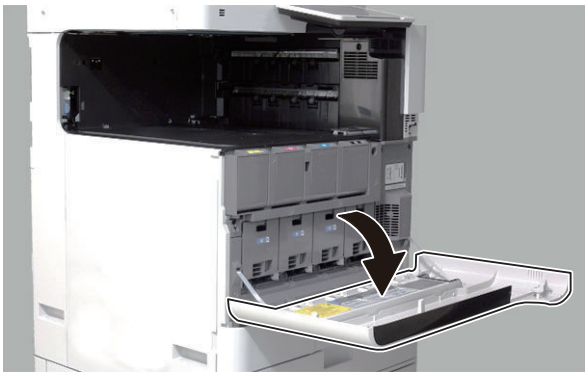
4. **Remove the 3 Face Seals.**

CAUTION:
Be careful that the Delivery Assembly Cover of the Host Machine is not damaged.



☐

5. **Open the Front Cover of the Host Machine.**

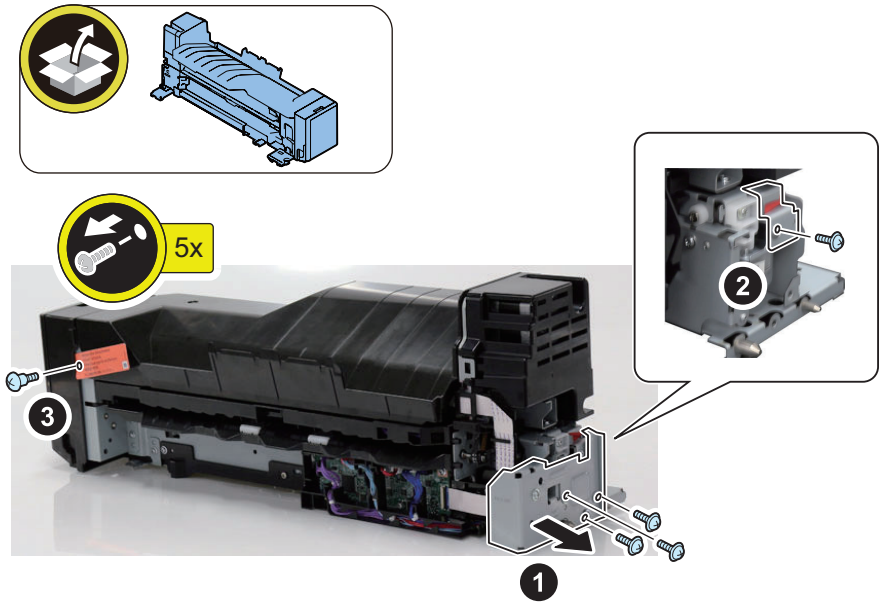


■ Installing This Equipment

☐

1. **Remove the Fixing Plates from this equipment.**
   - 4 Screws
   - 1 Stepped Screw

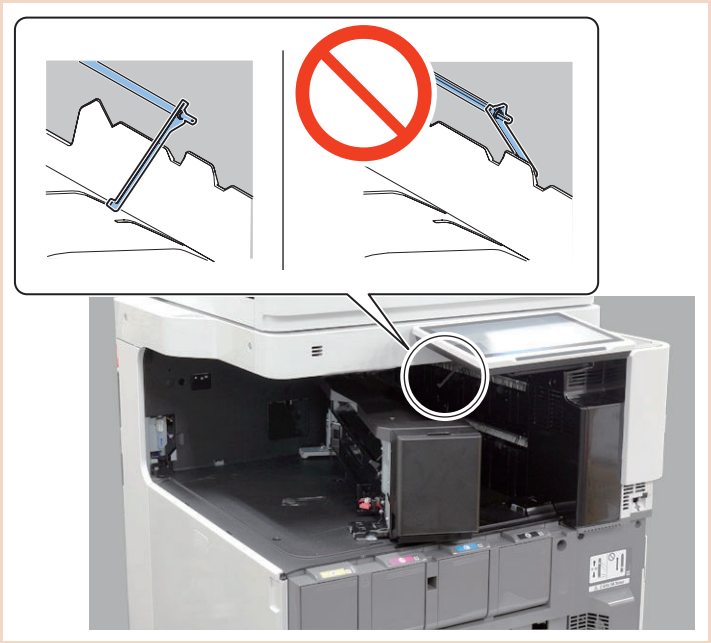
NOTE:
The removed impact absorbing materials shall be stored to reuse for transportation in case of transference and the repair of this Equipment.

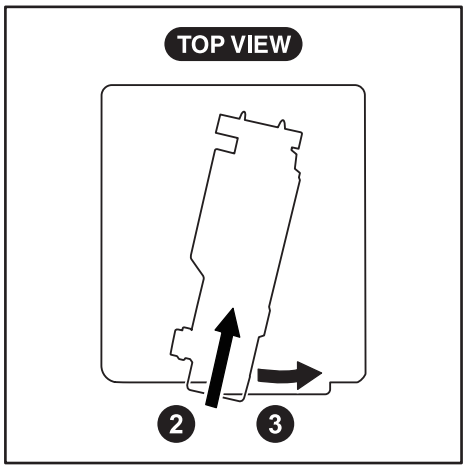


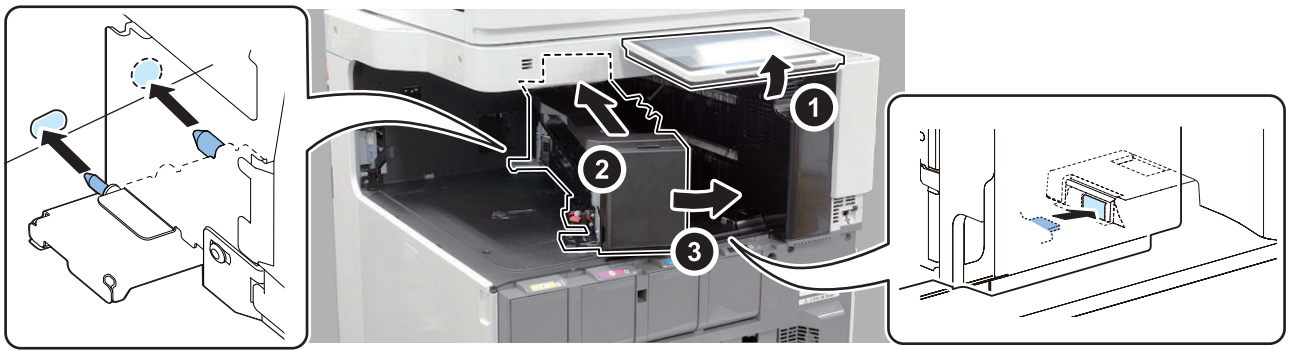
☐

2. Raise the Control Panel, and then install this equipment to the Host Machine as shown in the figure.

CAUTION:
When installing this equipment to the Host Machine, be careful not to put the Sensor Flag between this equipment and the Host Machine.

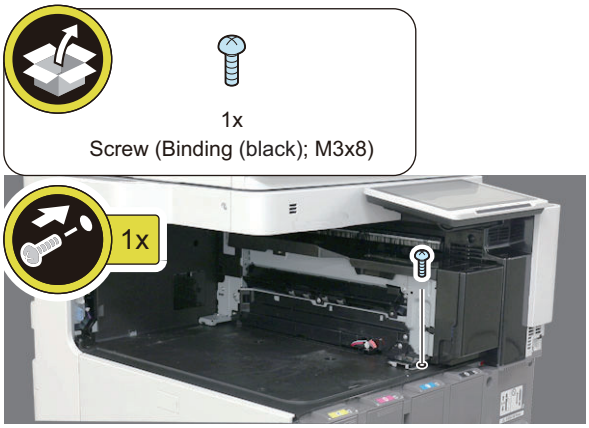






☐

3. **Fix this equipment to the Host Machine.**
   - 1 Screw (Binding (black); M3x8) (supplied with Inner Puncher)

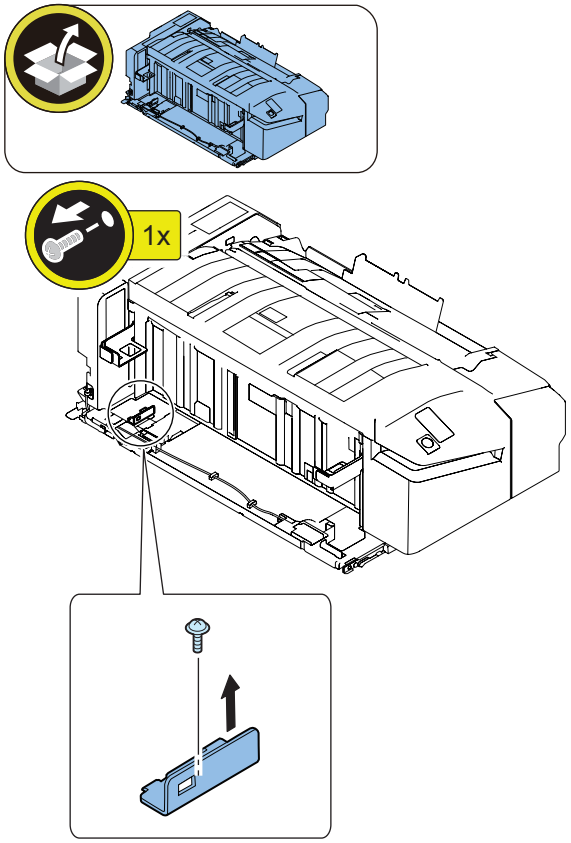


■ Installing the Inner Finisher

☐

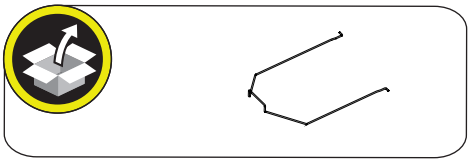
1. **Remove the fixing bracket of the Inner finisher.**
   - 1 Screw

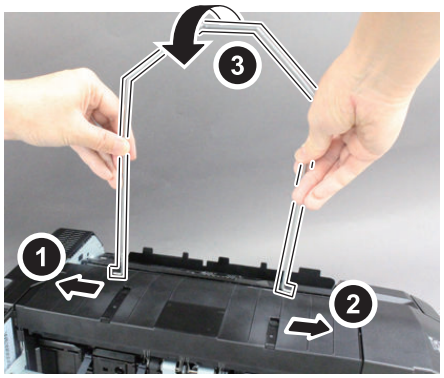
NOTE:
The removed impact absorbing materials shall be stored to reuse for transportation in case of transference and the repair of this Equipment.

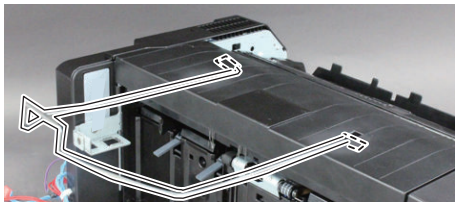


☐

2. **Install the Wire Sub Tray (supplied with Inner Finisher).**
   - 2 Hooks





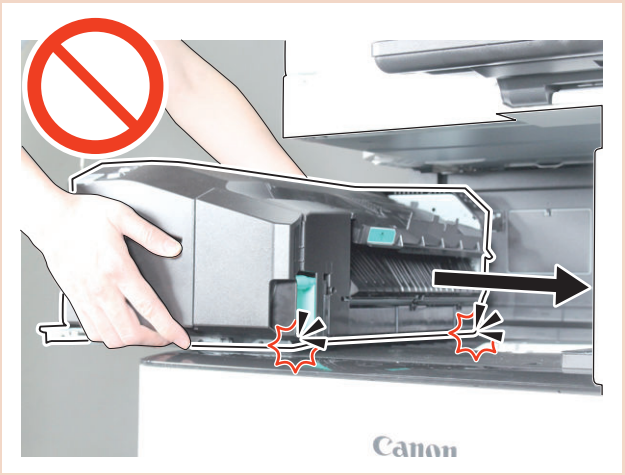


□

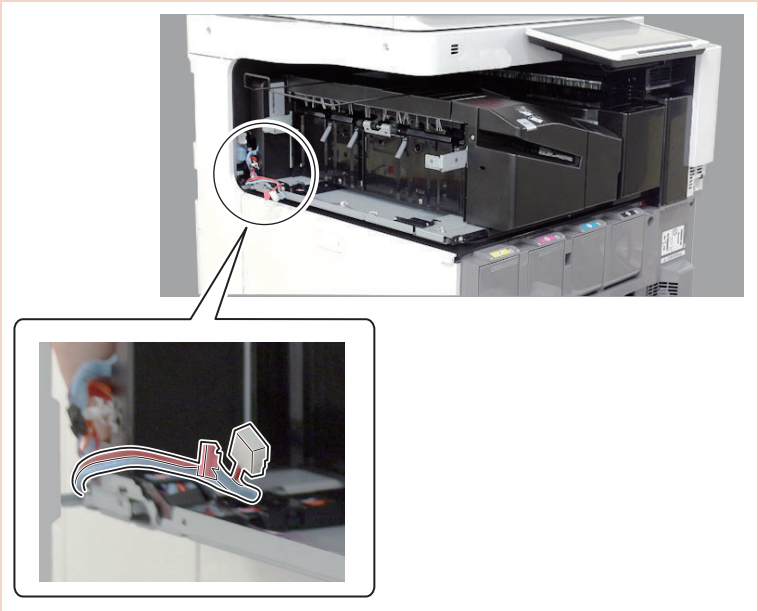
3. **Install the Inner Finisher to the Host Machine as shown in the figure carefully so that the Host Machine cannot be damaged.**

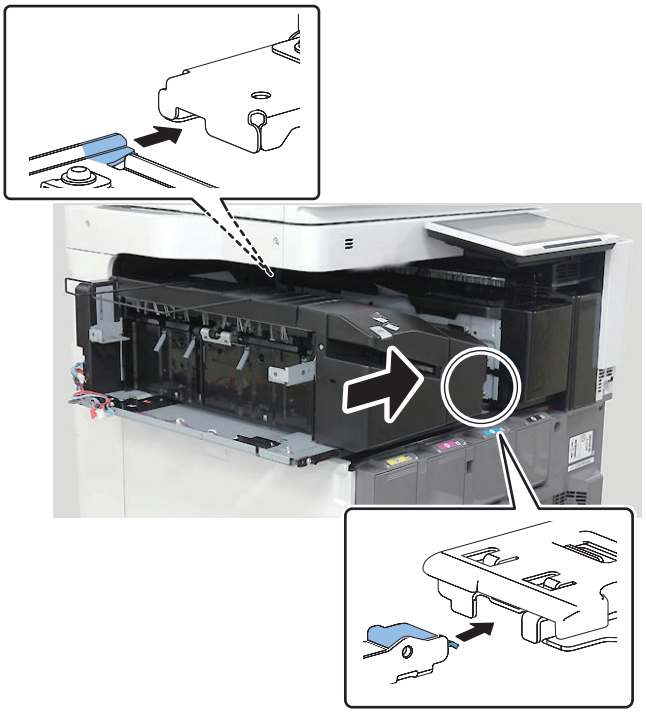
CAUTION:
When Installing the Inner Finisher to the Host Machine, be careful of the following points.

- Do not slide the Inner Finisher on the inner part of the Host Machine nor bump the Inner Finisher to the covers of the Host Machine. Doing those may cause damage to the exterior of the Host Machine.



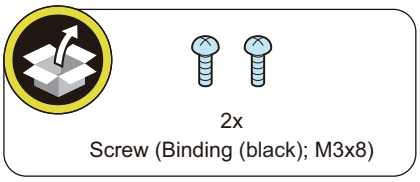
- Do not to nip the Harness of the Inner Finisher between Inner Finisher and Host Machine.

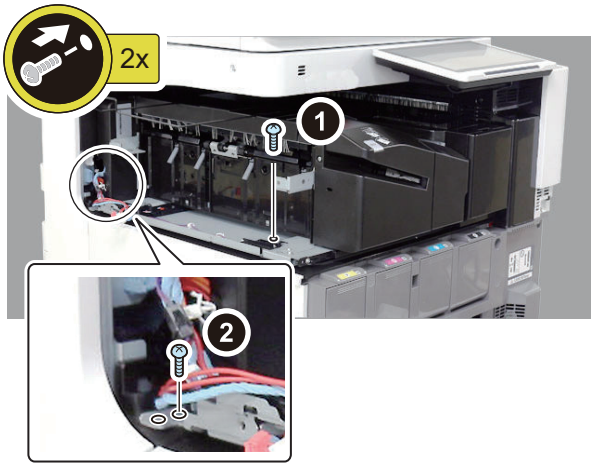




☐

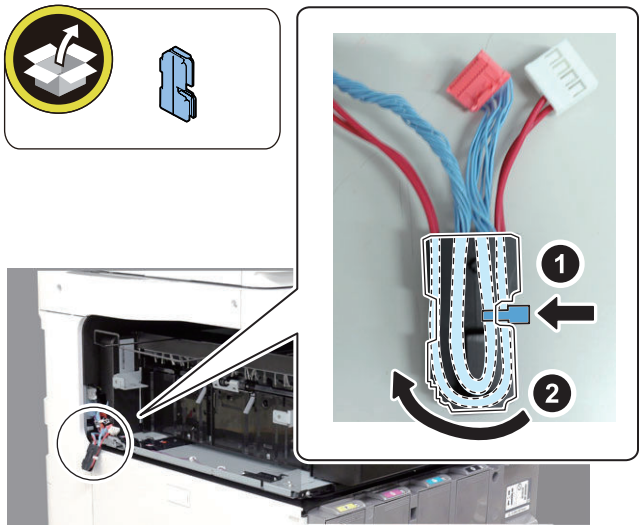
4. **Fix the Inner Finisher to the Host Machine.**
   - 2 Screws (Binding (black); M3x8) (supplied with Inner Finisher)





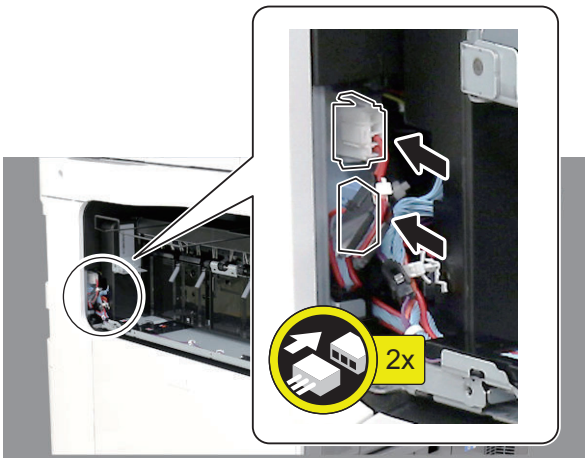
☐

5. **Attach the clamp to the groove in the Harness Holder (supplied with Inner Puncher), and wrap the harness around it as shown.**



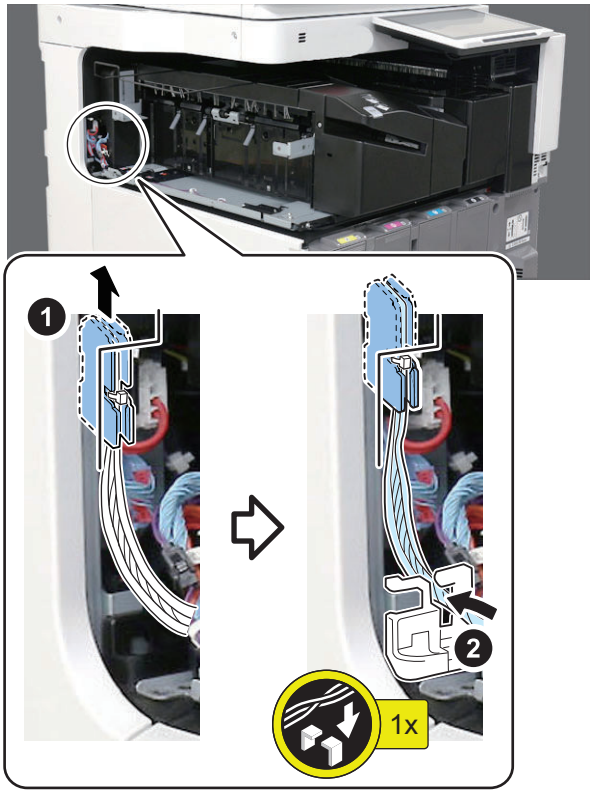
☐

6. **Connect the connector of the Inner Finisher to the Host Machine.**
   - 2 Connectors



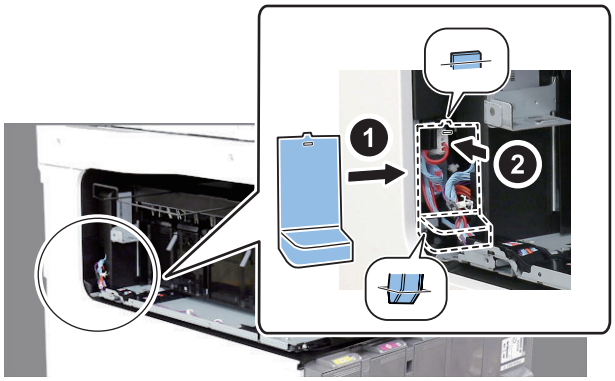
☐

7. **Put the Harness Holder as shown in the figure.**
   - 1 Guide



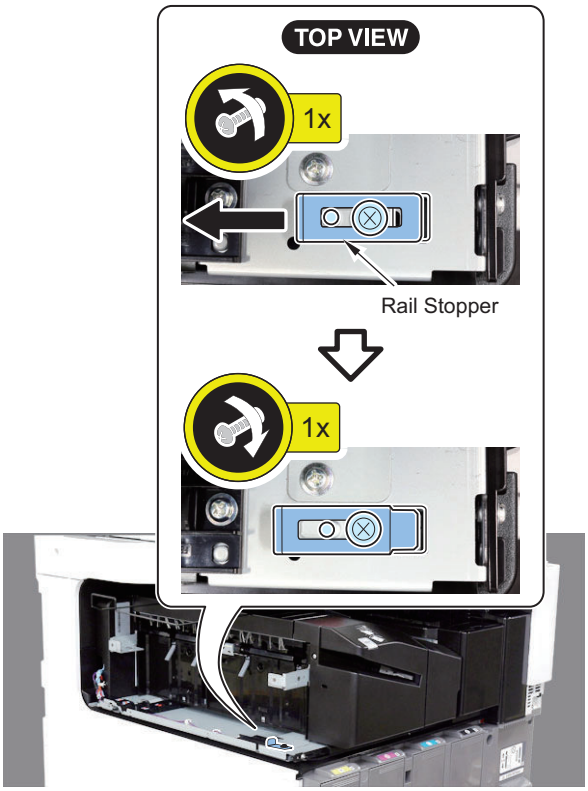
☐

8. **Install the Interface Cover removed at Step 2 in "Preparation for Host Machine".**
   - 1 Claw
   - 1 Protrusion



☐

9. Release the Rail Stopper.

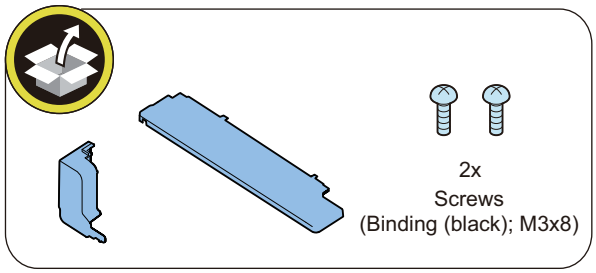


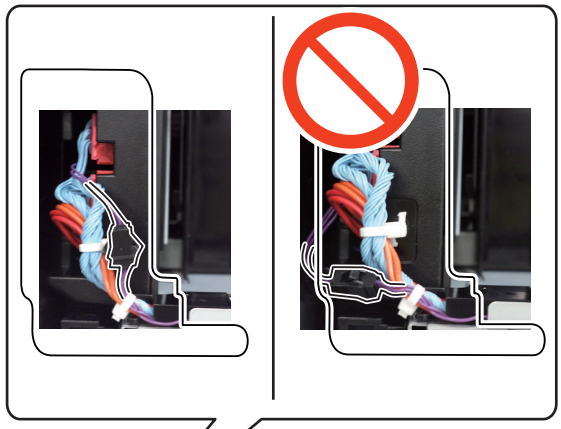
☐

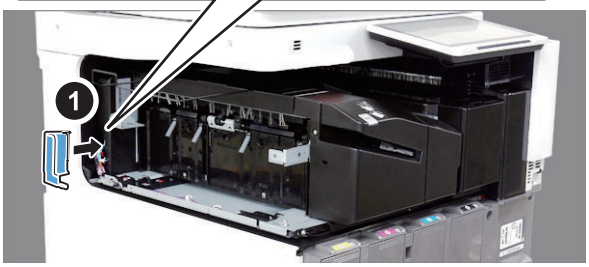
10. Install the Harness Cover 2 and Rail Cover (supplied with Inner Finisher).

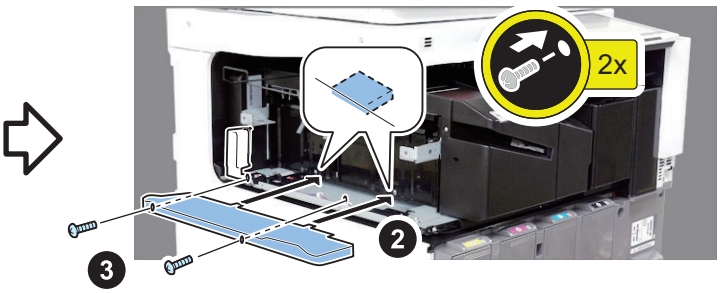
- 2 Claws
- 2 Screws (Binding (black); M3x8) (supplied with Inner Finisher)

CAUTION:
Before installing the Harness Cover 2, check that the connector is positioned as shown in the figure.





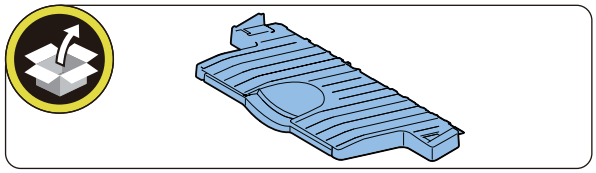


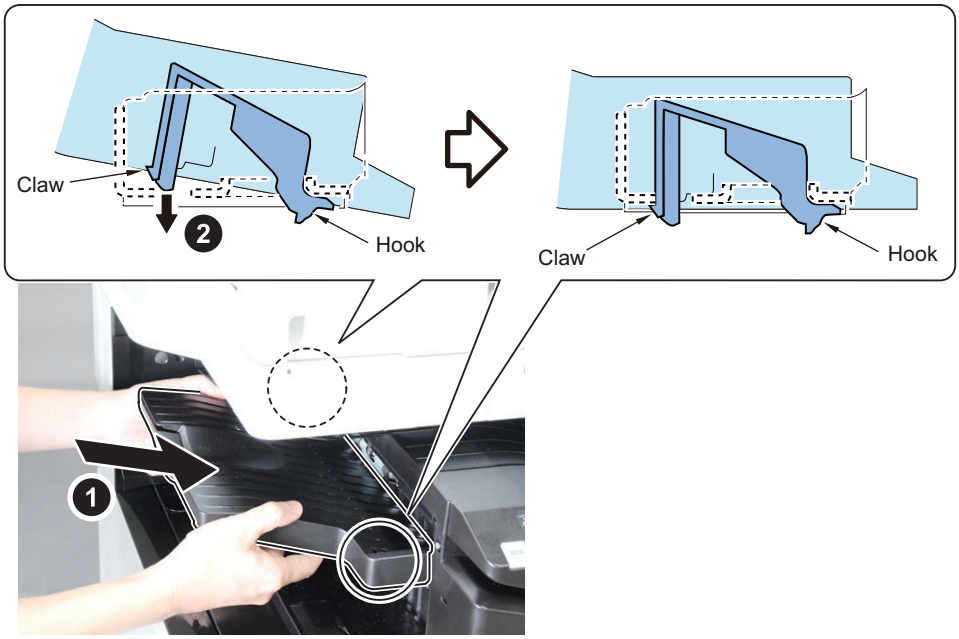


☐

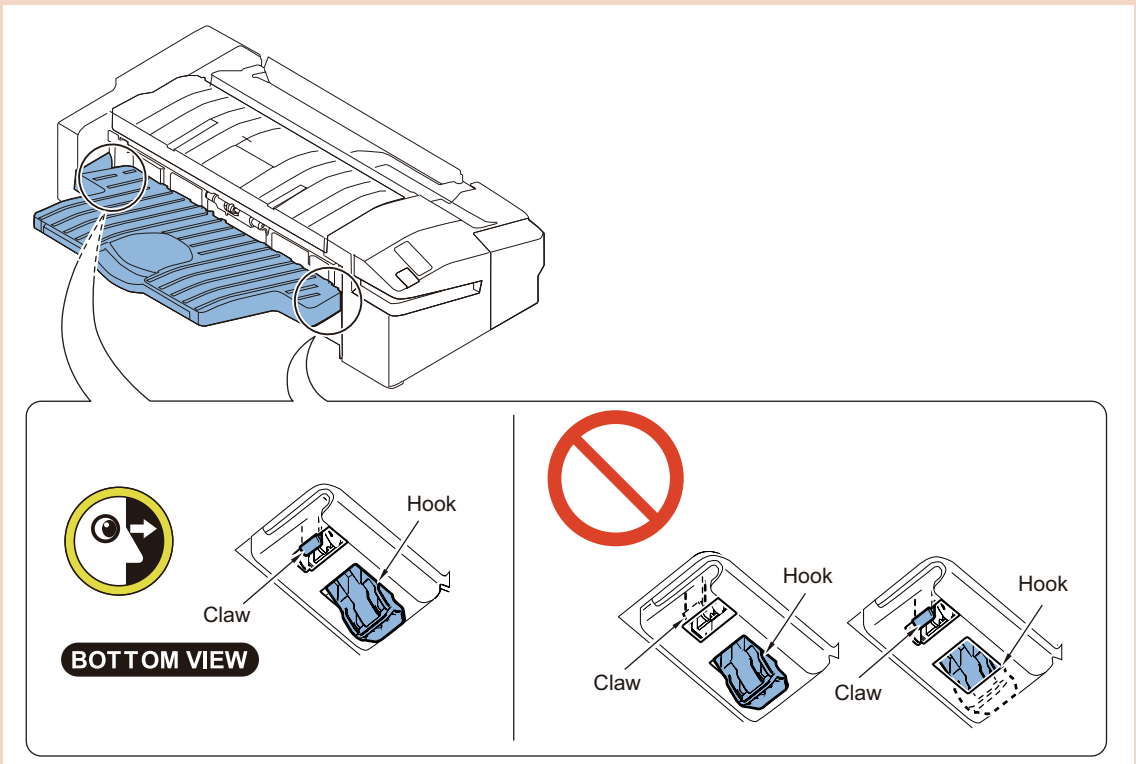
11. Install the Stack Tray. (supplied with Inner Finisher)

- 2 Hooks
- 2 Claws



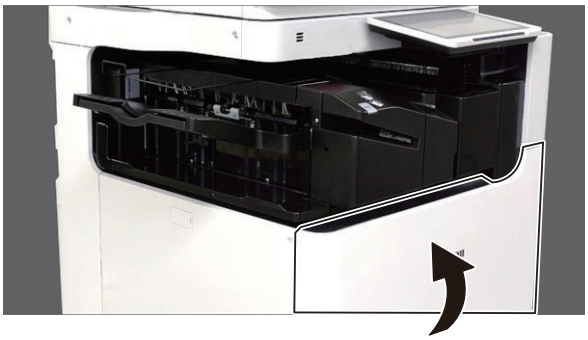


CAUTION:
Check that the Stack Tray is properly installed. If the installation fails, error; E540-8001/8002 may occur at power ON.



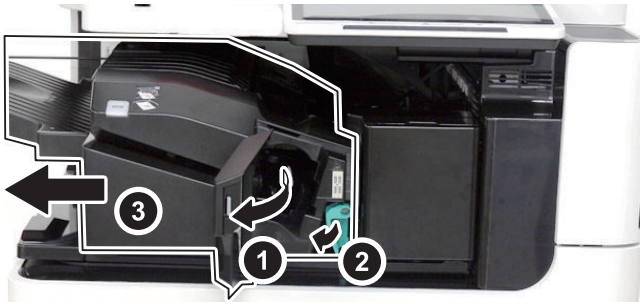
☐

12. Close the Front Cover of the Host Machine.



☐

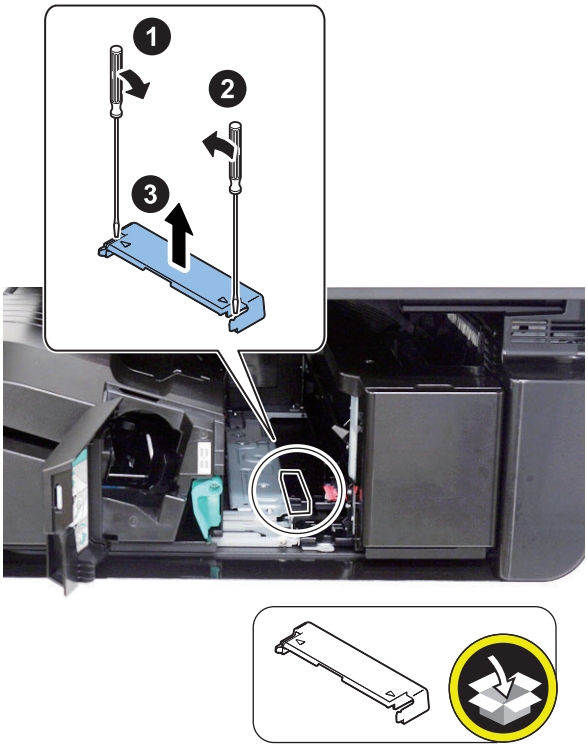
13. Disconnect the Inner Finisher from this equipment.



☐

14. Remove the Connector Cover.

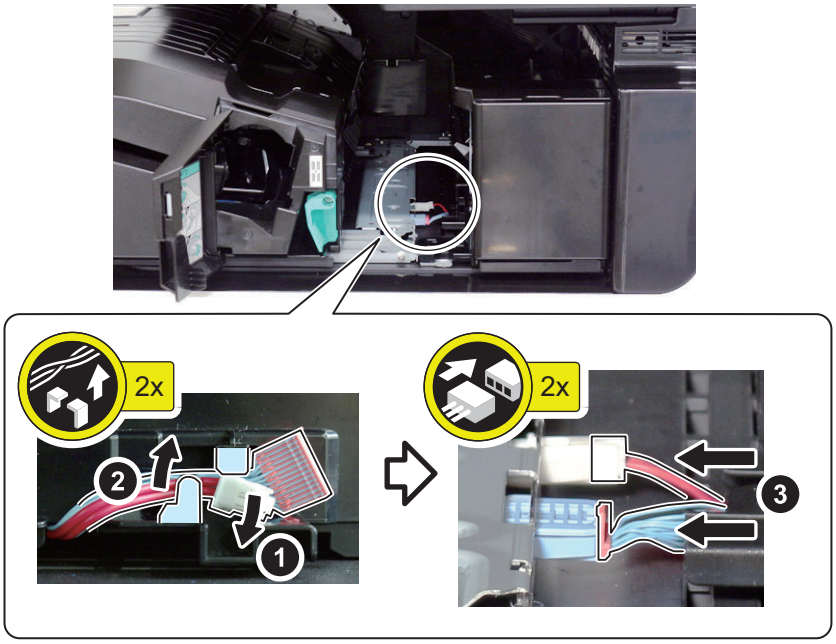
- 2 Claws



☐

15. Connect the connector of this equipment to the Rail Unit.

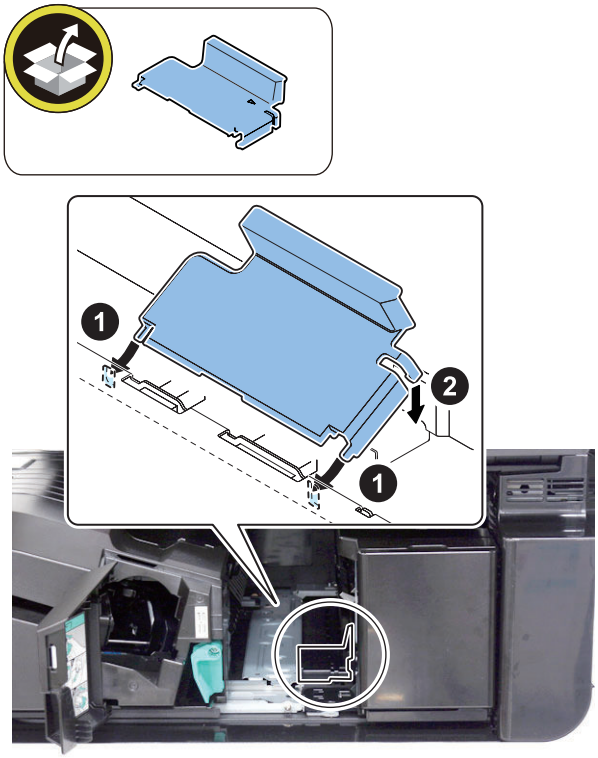
- 2 Guides
- 2 Connectors



☐

16. Install the included Connector Cover (supplied with Inner Puncher).

- 3 Claws

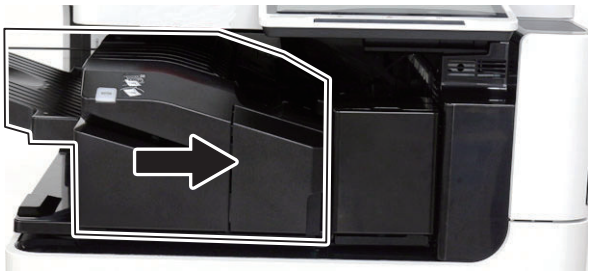


☐

17. **Set the Staple Cartridge (supplied with Inner Finisher) into the Stapler Unit, and then close the Front Cover.**

☐

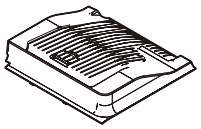
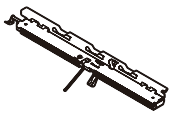
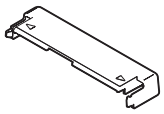
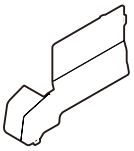
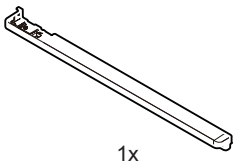
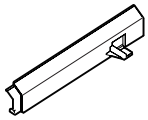
18. **Connect the Inner Finisher to this equipment.**



Checking after Installation

■ Disposal Parts

1. **Following disposal parts are remained after the installation procedure.**

☐[1]  1x (Installed to the host machine)	☐[2] 1x (Installed to the host machine)	☐[3]  1x (Installed to the host machine)
☐[4] Screw (D Tightening; M3x8) 1x (Installed to the host machine)	☐[5] 3x	☐[6]  1x
☐[7] Screw (Binding; M3x14) 2x	☐[8]  1x	☐[9]  1x
☐[10]  1x	☐[11] 1x	

■ Operation Checks

☐

1. **Connect the power plug of the Host Machine in the outlet.**

☐

2. **Turn ON the main power of the Host Machine.**

☐

3. **If a message appears prompting the user to update the firmware, press [Update] to automatically update the firmware of this equipment.**

NOTE:
If [Skip] is selected, a message will appear every time when the Host Machine turns ON prompting the user to update the firmware.
In the service mode (Level 2) shown below, behavior of the message can be changed to be no longer displayed.
(Lv.2):
COPIER > OPTION > FNC-SW > VER-CHNG

□

4. **Confirm the operations of Inner Puncher and Inner Finisher are normal at its paper transportation, staple mechanism, punch mechanism, etc.**

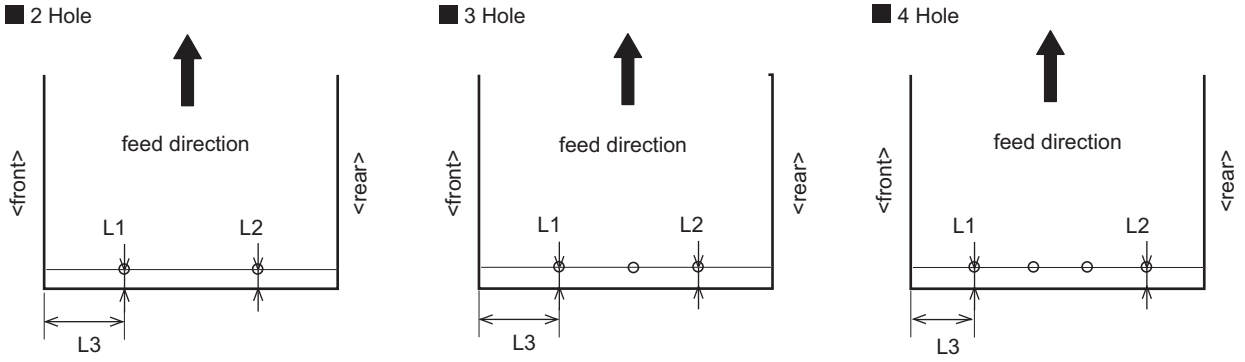
Adjustment

■ Checking and Adjusting the Punch Hole Position

● Checking the Punch Hole Position

□

1. **Make a print with the punch mode and check whether the side registration and the paper stop position are within the standard.**



<Standard>

- 2/3 Hole Puncher Unit

L1, L2	12mm±1.5mm
L3	2 holes: 104.8 ± 1.5 mm (11"x17"/ LTR) 113.6 ± 1.5 mm (A3/A4) 3 holes: 31.7±1.5mm (11"x17"/ LTR) 40.5±1.5mm (A3/ A4)

- 2/4 Hole Puncher Unit

L1, L2	12±1.5mm
L3	2 holes: 108.5±1.5mm (A3/ A4) 99.7±1.5mm (11"x17"/ LTR) 4 holes: 28.5±1.5mm (A3/ A4) 19.7±1.5mm (11"x17"/ LTR)

- 4 Hole Puncher Unit

L1, L2	12mm±1.5mm
L3	92.5±1.5mm (A3/ A4) 83.7±1.5mm (11"x17"/ LTR)

● Side Registration Adjustment (Service mode adjustment)

When the side registration is not within the standard (when L3 is not within the standard), make the adjustment according to the following procedure.

☐

1. **Enter the following service mode to adjust the side registration.**
   - SORTER > ADJUST > PNCH-Y

NOTE:
- When the setting value is increased by 1, L3 increases by 0.1mm.
  +: L3 increases. (The punch holes shift to the rear.)
  -: L3 decreases. (The punch holes shift to the front.)
- This adjustment is available without depending on the setting (Speed Priority / Precision Priority) of the Switch Finisher Puncher Mode in the Settings / Registration menu.

☐

2. **Exit the service mode.**

● Paper Stop Position Adjustment (Service mode adjustment)

When the paper stop position is not within the standard (when L1/L2 is not within the standard), make the adjustment according to the following procedure.

☐

1. **Enter the following service mode to adjust the paper stop position.**
   - SORTER > ADJUST > PNCH-X

NOTE:
- When the setting value is increased by 1, L1 and L2 increase by 0.1mm.
  +: L1 and L2 increase. (The punch holes shift to the delivery direction.)
  -: L1 and L2 decrease. (The punch holes shift to the inlet direction.)
- This adjustment is available without depending on the setting (Speed Priority / Precision Priority) of the Switch Finisher Puncher Mode in the Settings / Registration menu.

☐

2. **Exit the service mode.**

Revision

Rev.	Chapter		Category	Product Name	Reference	Remarks
1.0	-	-	First Edition	Installation manual	-	-
2.0	3	Image Reading System Options	Add Contents	Platen Cover-Y3	“Installation Procedure ” on page 102	
	3	Image Reading System Options	Add Contents	Printer Cover-M2	“Installation Procedure” on page 110	
3.0	1	Product Lineup	Add Contents	Paper Feed / Paper Output Options	“Paper Feed / Paper Output Options” on page 10	
	4	Host Machine Options	Add Contents	Connection Kit-A3 for Bluetooth LE	“Installing the Connection Kit-A3 for Bluetooth LE” on page 309	
	4	Host Machine Options	Modified	Copy Card Reader-F1/Copy Card Reader Attachment-B7	“Copy Card Reader-F1/Copy Card Reader Attachment-B7” on page 155	
	5	Paper Feed Options	Add Contents	High Capacity Cassette Feeding Unit-C1	“High Capacity Cassette Feeding Unit-C1” on page 25	
	5	Paper Feed Options	Modified	Cassette Heater Unit-42	“Product Name” on page 365	
4.0	1	Host Machine Options	Modified	Copy Card Reader-F1/Copy Card Reader Attachment-B7	“Copy Card Reader-F1/Copy Card Reader Attachment-B7” on page 155	
		Host Machine Options	Modified	SSD-related Option	“SSD-related Option” on page 270	
5.0	3	Image Reading System Options	Add Contents	Reader Heater Unit-Q1	“Reader Heater Unit-Q1” on page 116	
	3	Image Reading System Options	Add Contents	Printer Cover-M2	“Installation Procedure” on page 110	
	2	Host Machine	Add Contents	Installing the Scanner	“ Installing the Scanner” on page 34	
	2	Host Machine	Modified	Setting of Full Detection Switch	“Setting of Full Detection Switch ” on page 47	
	1	Host Machine Options	Add Contents	Protection Profile for Hardcopy Devices	“Host Machine Options” on page 7	
	4	Host Machine Options	Add Contents	Protection Profile for Hardcopy Devices	“Protection Profile for Hardcopy Devices Adaptive Installation Procedure” on page 315	
6.0	1	Host Machine	Modified	Setting the Environment Heater Switch	“ Setting the Environment Heater Switch” on page 46	