

SHARP

Be Original.



Manual de instalare

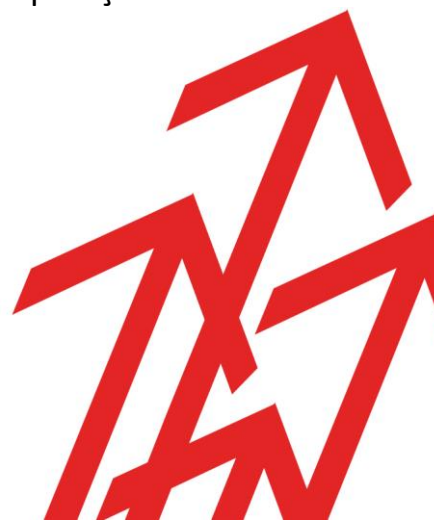
**pentru
multifunctionala**

SHARP

BP-10C20_20C20_20C25

Considerente generale privind instalarea echipamentelor de printing:

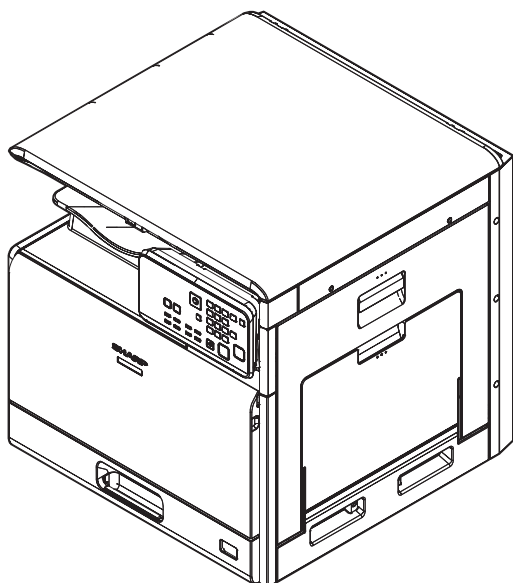
- Manipularea echipamentelor se face respectand procedurile de transport si punere in locatie tinand cont de gabaritul echipamentului si a spatiului destinat acestuia
- Respectarea normelor privind conectarea la rețeaua electrica, folosirea de prize cu împământare este obligatorie
- Fixarea corecta a echipamentului pe standul acestuia
- Verificarea cu atentie si eliberarea tuturor blocajelor folosite la transport (inclusiv cel pentru scanner, unitati developare, cilindrii, etc)
- Montarea corecta a tonerelor in echipament dupa agitarea prealabila (atentie unele echipamente nu au tonerul in echipament ci separat)
- Manipularea cu atentie a cilindrilor evitand pe cat posibil expunerea prelungita a acestora la lumina.
- Manipularea cu atentie a cuptorului tinand cont de temperatura acestuia
- Temperatura ambientală unde se folosesc aparatele și echipamentele trebuie să fie între 18 și 30 grade celsius, cu grad minim de praf și umiditate.



SHARP INSTALLATION MANUAL

CODE: 00ZBP20C25I4E

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM



MODEL BP-10C20/20C20/20C25

CONTENTS

Transit, Installation (using) environment, Note

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Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

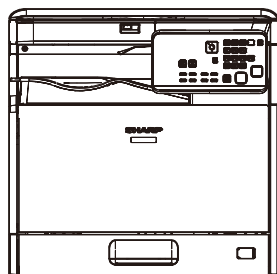
SHARP CORPORATION

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The contents are subject to change without notice.

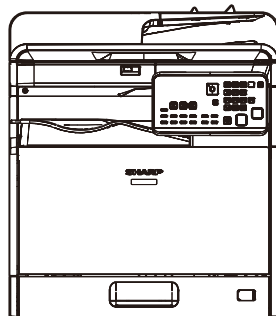
[1] CONFIGURATION

1. System diagram

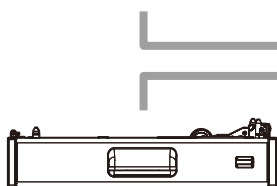
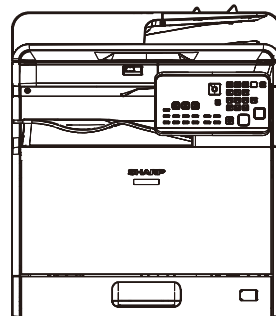
BP-10C20/10C20Z/10C20T/10C20Y
DIGITAL FULL COLOR
MULTIFUNCTIONAL SYSTEM



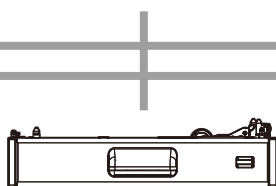
BP-20C20/20C20Z/20C20T/20C20Y
DIGITAL FULL COLOR
MULTIFUNCTIONAL SYSTEM



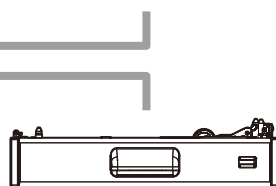
BP-20C25/20C25Z/20C25T/20C25Y
DIGITAL FULL COLOR
MULTIFUNCTIONAL SYSTEM



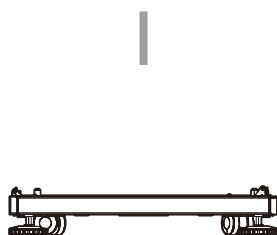
BP-CS10
500-SHEET PAPER FEED TRAY



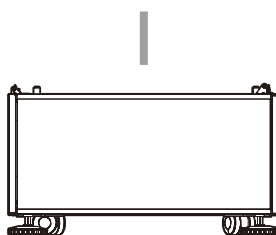
BP-CS10
500-SHEET PAPER FEED TRAY



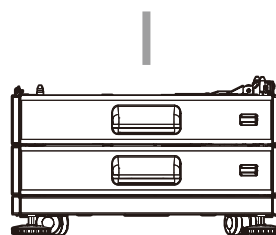
BP-CS10
500-SHEET PAPER FEED TRAY



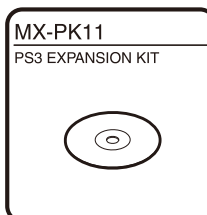
BP-DS11
Low stand



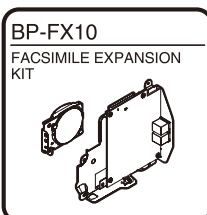
BP-DS10
High stand



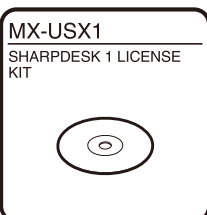
BP-DE10
STAND/2x500 SHEET PAPER DRAWER



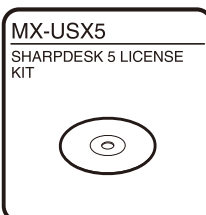
MX-PK11
PS3 EXPANSION KIT



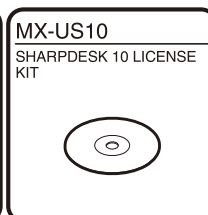
BP-FX10
FACSIMILE EXPANSION
KIT



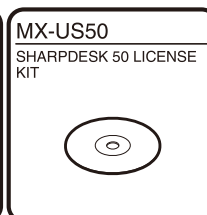
MX-USX1
SHARPDESK 1 LICENSE
KIT



MX-USX5
SHARPDESK 5 LICENSE
KIT



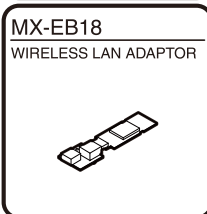
MX-US10
SHARPDESK 10 LICENSE
KIT



MX-US50
SHARPDESK 50 LICENSE
KIT



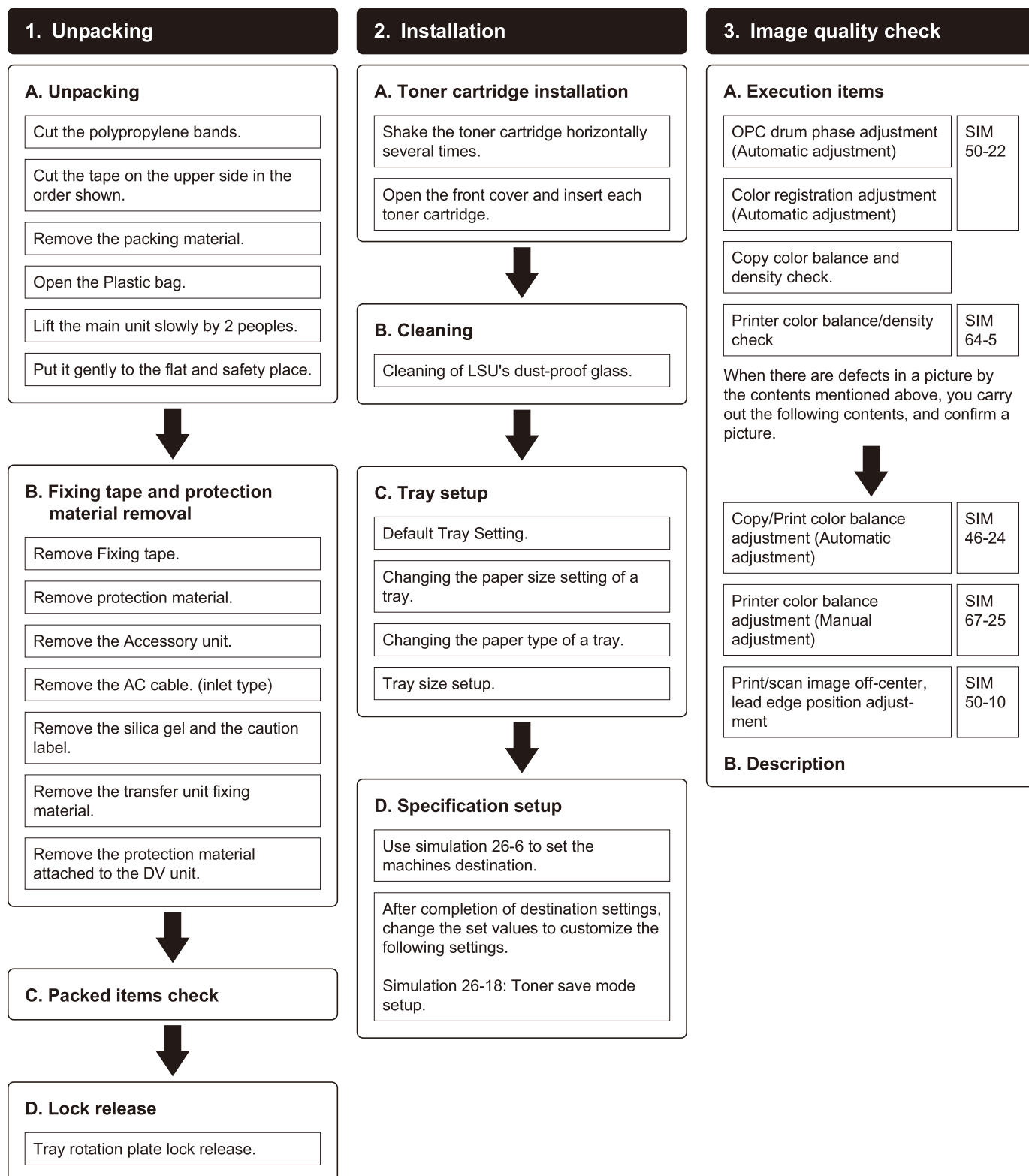
MX-USA0
SHARPDESK 100 LICENSE
KIT



MX-EB18
WIRELESS LAN ADAPTOR

[2] BP-10C20/Y/Z/T, BP-20C20/Y/Z/T, BP-20C25/Y/Z/T (MAIN UNIT)

Installation flowchart



1. Unpacking

A. Unpacking

- 1) Cut the polypropylene bands.



- 2) Remove the top case and the packing material.



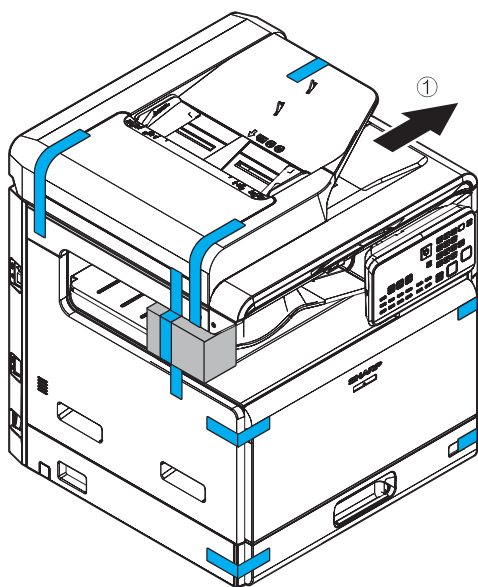
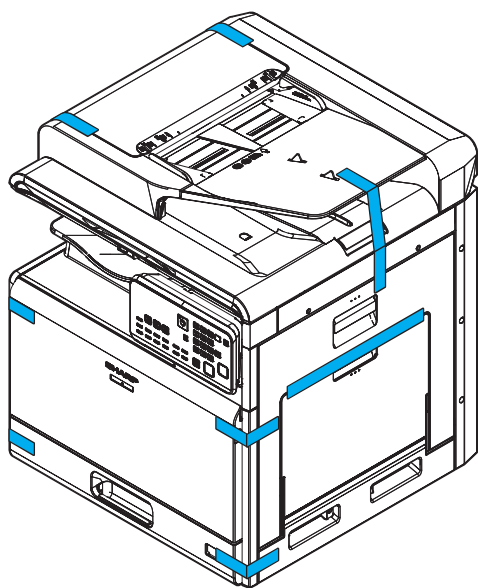
- 3) Open the Plastic bag



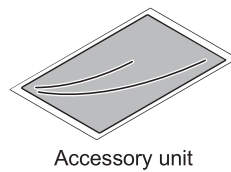
- 4) Lift the main unit slowly by 2 peoples, and put it gently to the flat and safety place.

B. Fixing tape and protection material removal

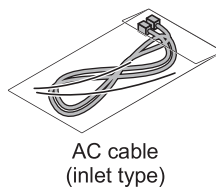
RSPF Model



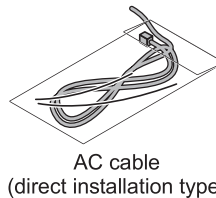
Remove the Accessory unit and the AC cable from (1).



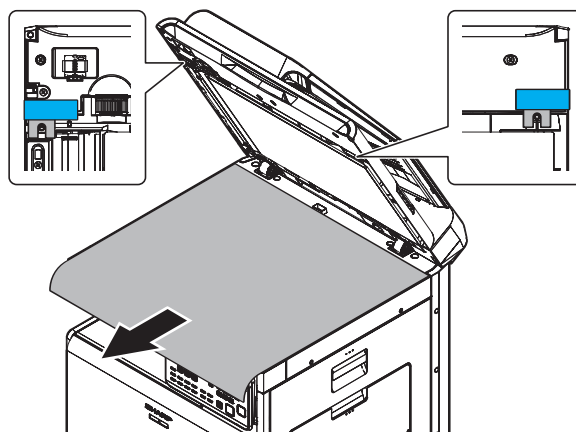
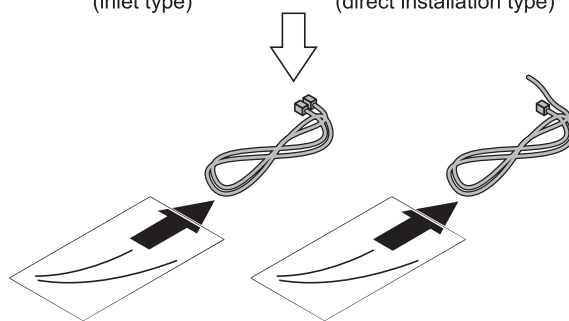
Accessory unit



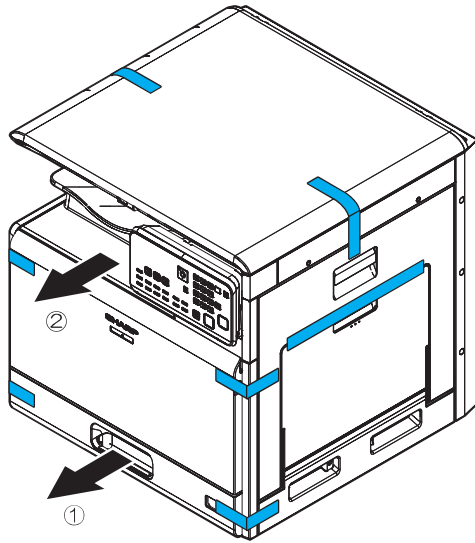
AC cable
(inlet type)



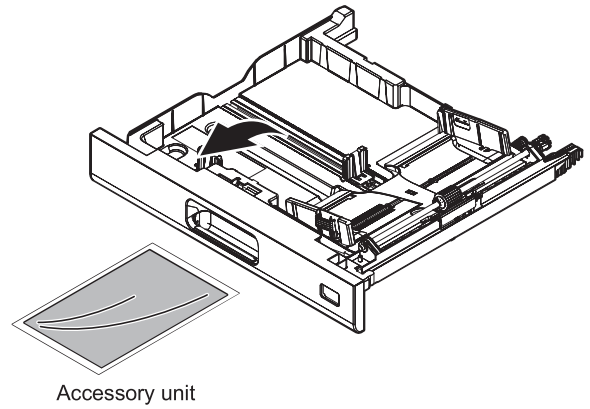
AC cable
(direct installation type)



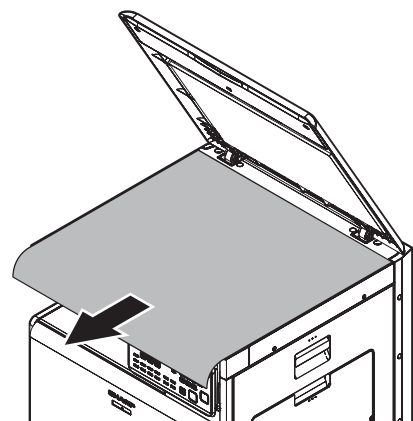
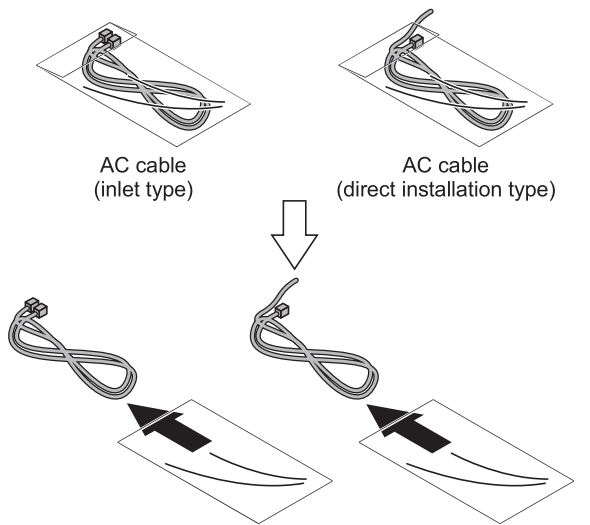
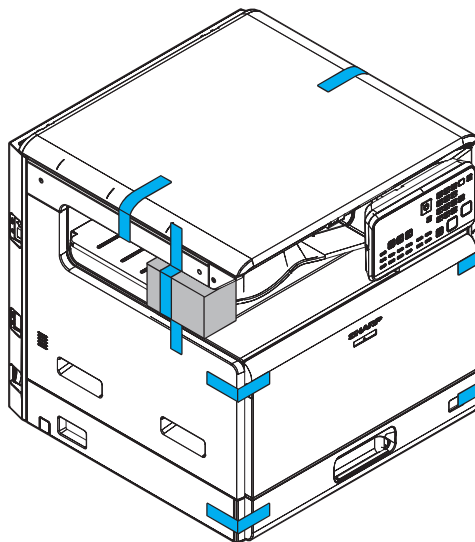
Document Glass Model



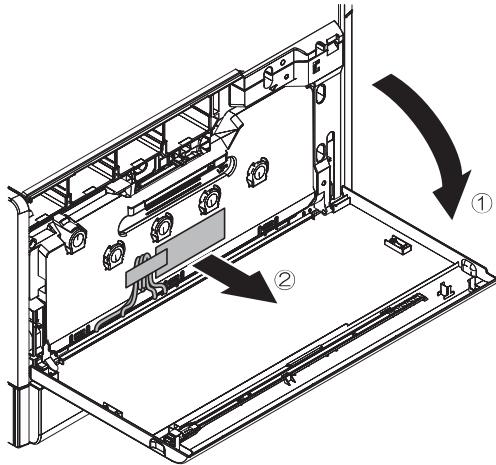
Remove the Accessory unit from (1).



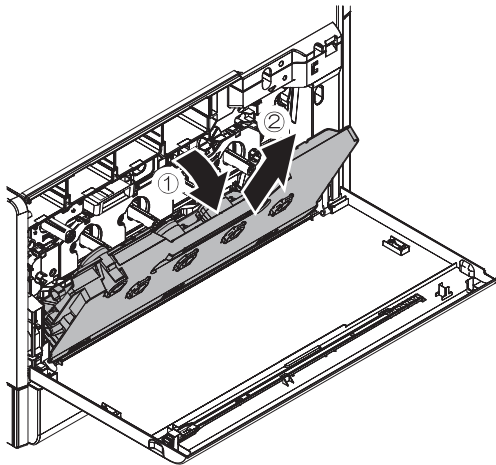
Remove the AC cable from (2).



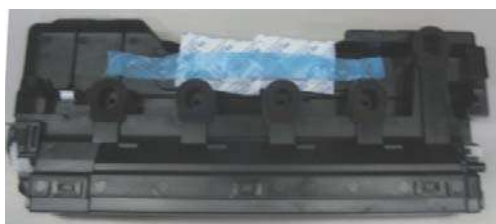
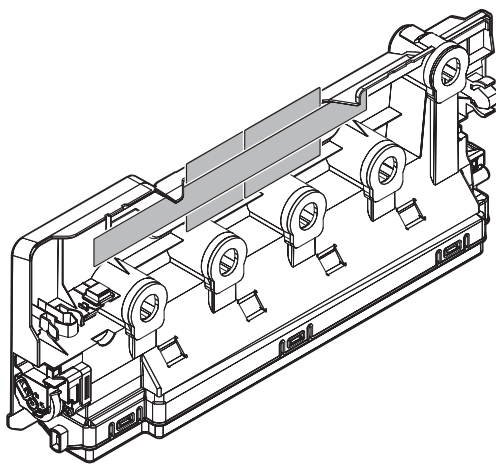
1) Open the cover and remove the caution label.



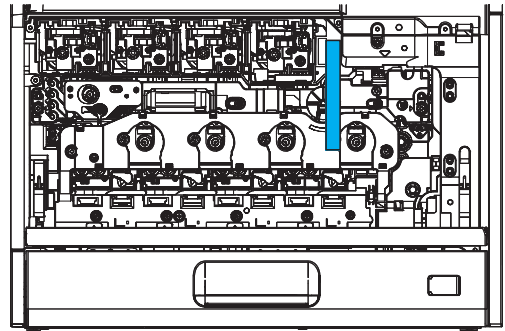
2) Remove the waste toner box.



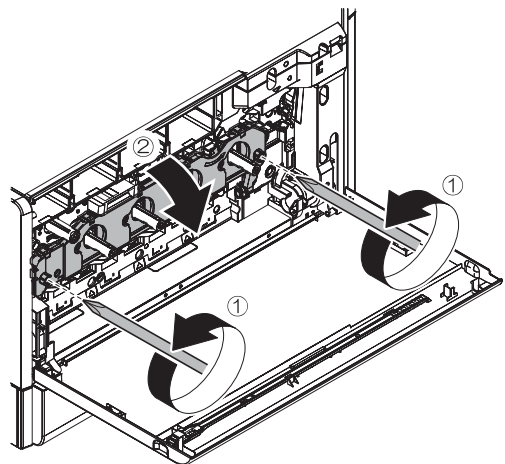
3) Remove the two silica gels.



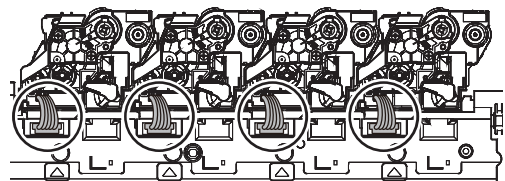
4) Remove the transfer unit fixing material.



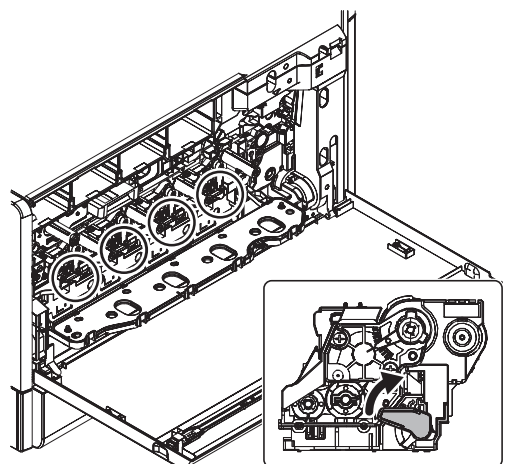
5) Open the position lock unit.



6) Disconnect the connector.



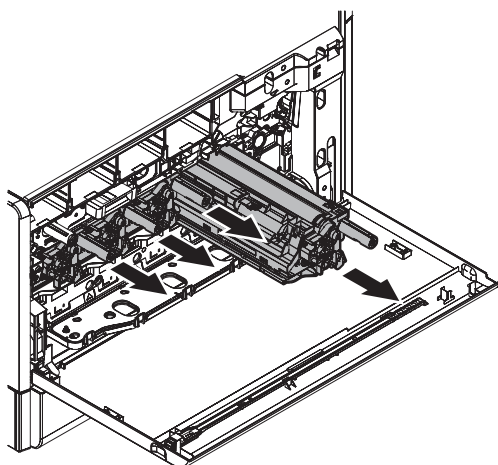
7) Unlock the DV/Process unit.



8) Remove the DV/Process unit.

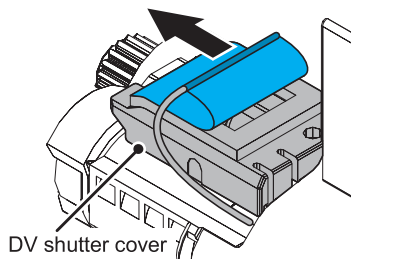
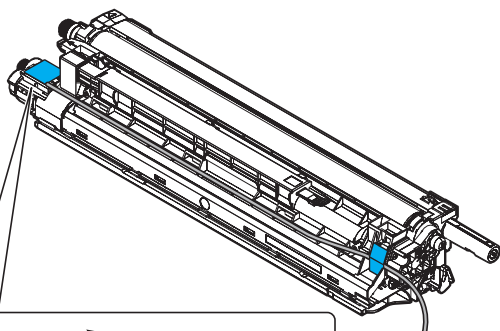
Important

- When pulling out the DV/Process unit, hold it with the lock lever.
- Do not pull on the DV/Process unit by holding the DV unit's harness.



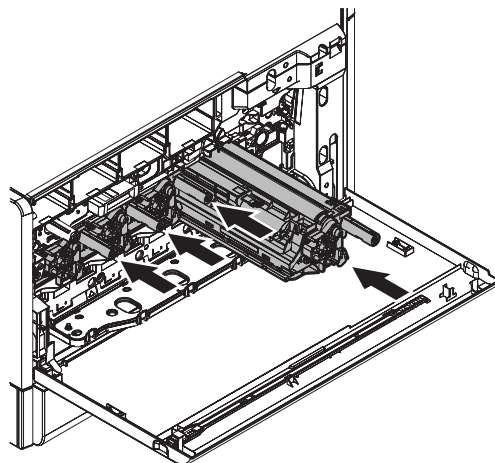
9) Remove the protection material.

2

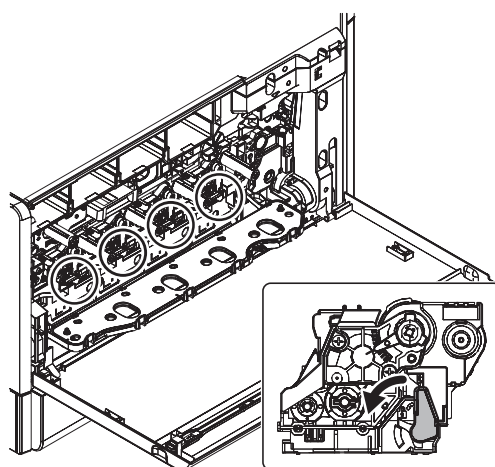


Remove the tape slowly in the direction of the arrow so that DV shutter cover does not come off.

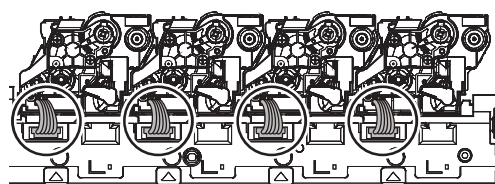
10) Attach the DV/Process unit.



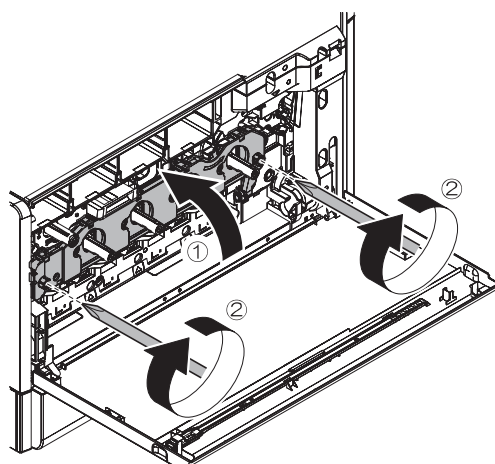
11) Lock the DV/Process unit.



12) Connect the connector.



13) Close the position lock unit.



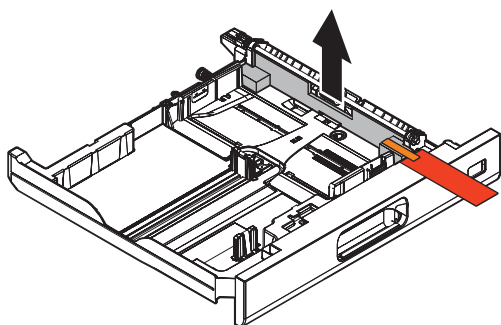
C. Packed items check

1	Manual	1
2	CD-ROM	1
3	Glass cleaner	1 (RSPF model only)
4	Paper size sheet	1
5	Delivery/installation report	1 (Europe only)
6	SCA warranty card	1 (Australia/New Zealand only)
7	Indonesian label	1 (Asia only)
8	Indian WEEE&RoHS sheet	1 (Asia only)

D. Lock release

(1) Tray rotation plate lock release

- 1) Pull out the tray. Turn the fixing material and remove it. Remove the caution label.
Close the tray which was pulled out.



2. Installation

Important

When an optional paper feed desk is connected to the machine, unpack and install the paper feed desk, then unpack the machine.

Place the machine on the option desk securely, and perform the installing procedures of the machine.

Place the machine on the optional desk firmly and secure.

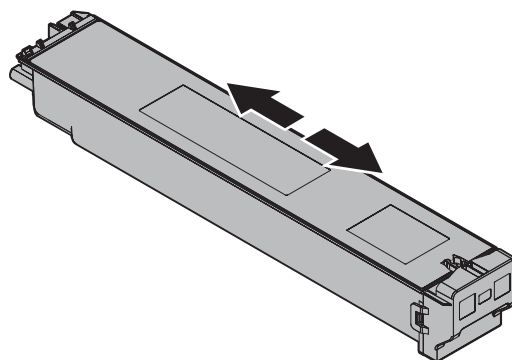
Important

This models have been shipped with developer enclosed into the developer unit and done Sim25-2. Therefore do NOT execute Sim25-2 at machine installation.

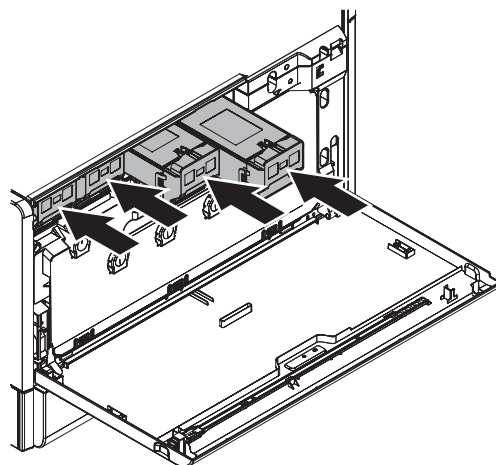
If executed Sim25-2, replace all of the developers with new ones and execute Sim25-2. If the machine have been used without replacing the new developer. It may be trouble related to the life performance.

A. Toner cartridge installation

- 1) Shake the toner cartridge horizontally several times.



- 2) Open the front cover and insert each toner cartridge.



Important

Be sure to install the color cartridge to their proper positions. Avoid installation to a different color position.

Important

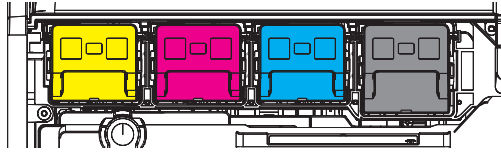
Do not forcibly insert the toner cartridge.
Push it in until the cartridge is securely locked in place.

Important

When the main unit is transported after the installation, be sure to remove the DV unit and the Toner cartridge.

Then, be careful not to make the developer spilled out from the mouth of the DV unit.

Mounting location of the toner cartridge of each color



- 3) Close the front cover.
- 4) Confirm that "Toner replacement in progress" is displayed and wait until the display disappears (It takes 30 sec - 6 min)

B. Cleaning

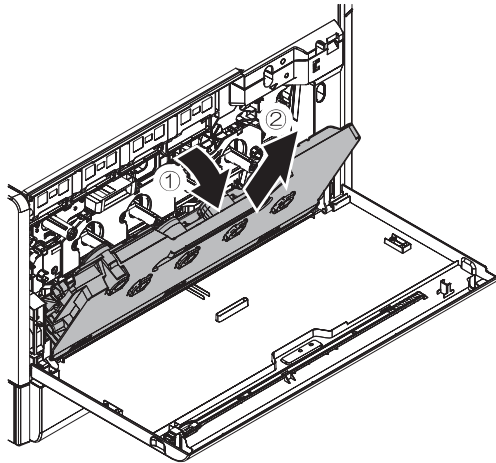
(1) Cleaning of LSU's dust-proof glass

Important

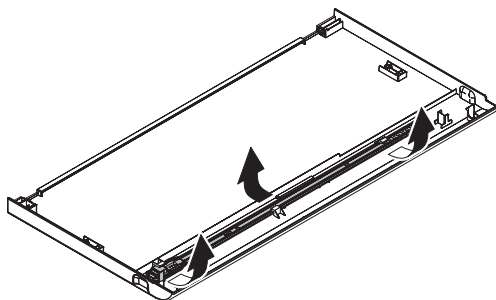
Dust from the transfer belt or shutter or some other adjacent part may fall onto the LSU during transport or installation.

Be sure to clean the dust-proof glass before checking the image quality.

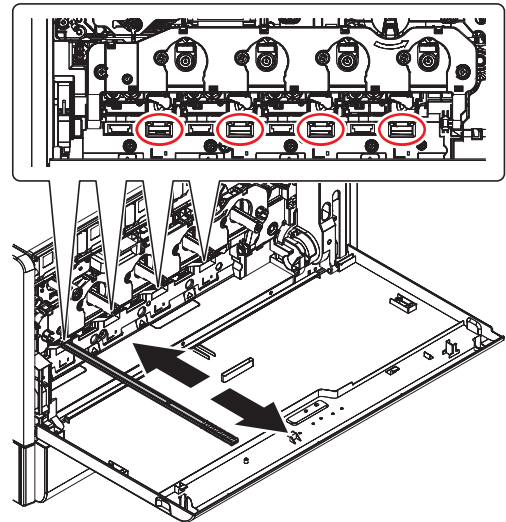
- 1) Remove the waste toner box.



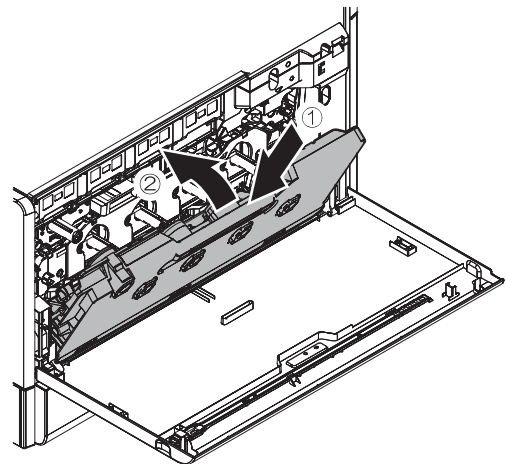
- 2) Detach the LSU cleaning bar from the front cover.



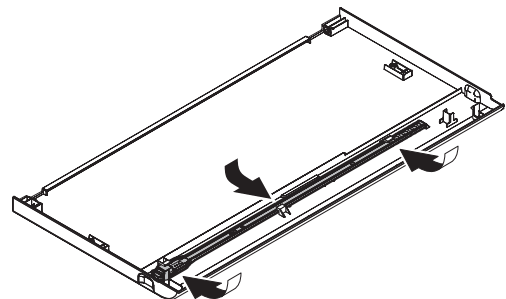
- 3) Turn the felt side of the cleaning bar downward and insert it. Slide it back and forth a few times to clean the LSU dust-proof glass.



- 4) Attach the waste toner box. Both ends being locked surely.



- 5) Close the front cover.



C. Tray setup

(1) Default Tray Setting

- 1) Press the [SPECIAL FUNCTION] key.
- 2) Select "System Settings" with the [▼] or [▲] key and press the [OK] key.
- 3) Enter the administrator PIN code with the numeric keys. "00000"
 - " * " appears for each digit that you enter.
 - The mode selection screen appears.
- 4) Select the [COPY] with the [▼] or [▲] key.
- 5) Press the [OK] key.
- 6) Select the [Default Tray Setting] with the [▼] or [▲] key.
- 7) Press the [OK] key and follow the instructions in the setting screen.
- 8) Select the desired tray with the [▼] or [▲] key.
- 9) Press the [OK] key.

(2) Changing the paper size setting of a tray

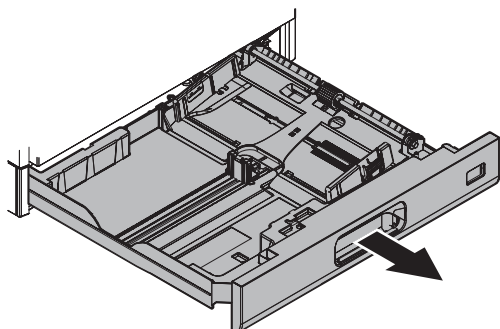
- 1) Press the [SPECIAL FUNCTION] key (Fn).
- 2) Press the [▼] or [▲] key to select "Paper Size Set"
- 3) Press the [▼] or [▲] key to select the paper tray for which the paper size is being changed.
- 4) Press the [▶] key and press the [▼] [▲] keys to select the paper size.
- 5) Press the [OK] key.

(3) Changing the paper type of a tray

- 1) Press the [SPECIAL FUNCTION] key (Fn).
- 2) Press the [▼] or [▲] key to select "Paper Type Set"
- 3) Select the tray with the [▼] or [▲] key, and press the [OK] key.
- 4) Select the desired paper type and press the [OK] key.

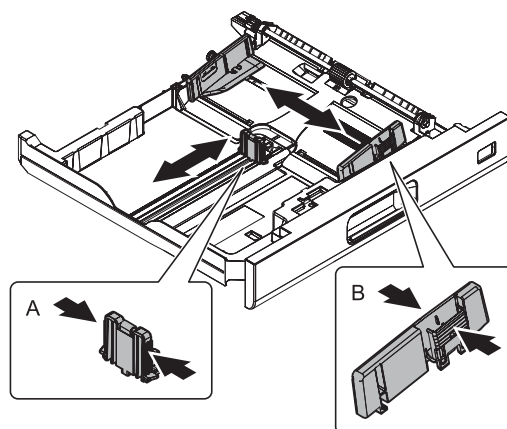
(4) Tray size setup

- 1) Pull out the paper tray.
Gently pull the tray out until it stops.
If paper remains in the tray, remove it.



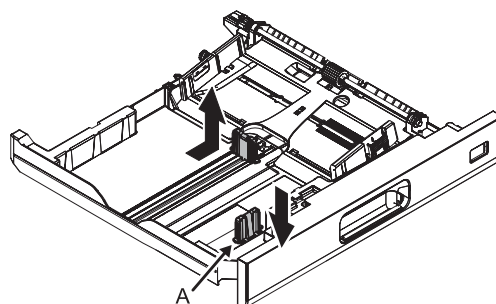
- 2) Adjust the guide plates A and B by squeezing their lock levers and sliding them to match the vertical and horizontal dimensions of the paper to be loaded.

The paper guide plates A and B can slide, slide each guide plate while squeezing lock lever.



Note

Remove the divider plate. Move the divider plate all the way over to the paper feed opening side (right side), and pull up to remove. Insert the removed divider plate into A.



D. Specification setup

Use simulation 26-6 to set the machine's destination.

SIM No.		Content
26	6	Used to set the destination.

After completion of destination settings, change the set values to customize the following settings.

SIM No.		Content
26	18	Used to set YES/NO of the toner save mode

Starting the simulation

A. Entering the simulation mode

- 1) Machine in Copy mode: [#] key -> [*] key -> [C] key -> [*] key -> Ready for input of main code of simulation.
- 2) Entering a main code with the 10-key -> START key ON.
- 3) Entering a sub code with the 10-key -> START key ON.
- 4) Select an item with arrow key.
- 5) The machine enters the mode corresponding to the selected item. Press [START] key to start the simulation operation.

To cancel the current simulation mode and change the main code and the sub code, press [STOP] key.

B. Canceling the simulation mode to return to the normal mode

- 1) Press [CA] key. CAUTION: Do not turn OFF the power when the machine is in the simulation mode
If the power switch should be turned OFF in the simulation mode, a malfunction may result. In this case, turn OFF/ON the main power source.



3. Image quality check

A. Execution items

Execute the following items.

No.	Item	SIM
1	OPC drum phase adjustment (Automatic adjustment) / Color registration adjustment (Automatic adjustment)	50-22
2	Copy color balance and density check	-
3	Printer color balance/density check	64-5

When there are defects in a picture by the contents mentioned above, you carry out the following contents, and confirm a picture.

No.	Item	SIM
1	Copy/Print color balance adjustment (Automatic adjustment)	46-24
2	Printer color balance adjustment (Manual adjustment)	67-25
3	Print/scan image off-center, lead edge position adjustment	50-10

B. Description

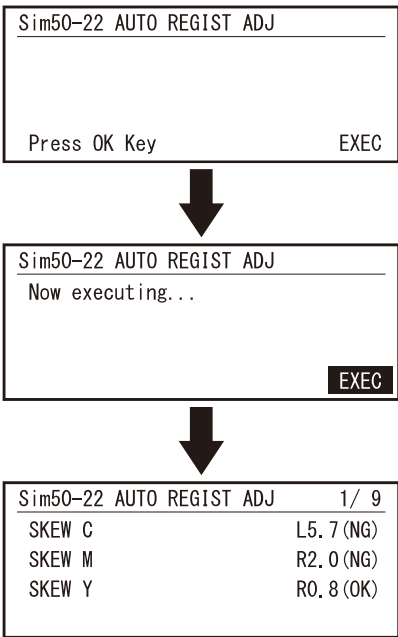
(1) OPC drum phase adjustment / Color registration adjustment (Print engine section)

This adjustment executes OPC drum phase adjustment and color registration adjustment all at once.

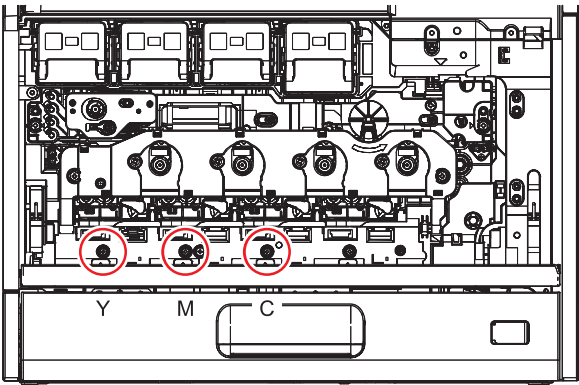
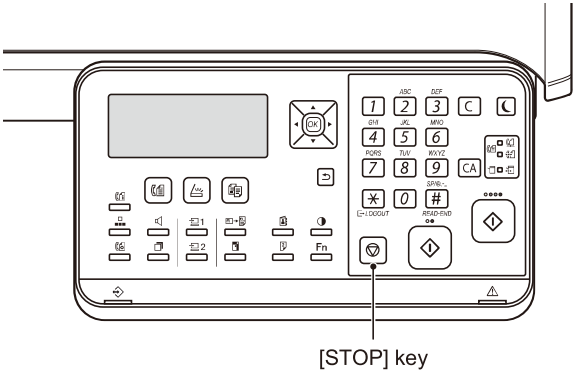
- 1) Enter SIM50-22 mode.
- 2) Press [OK/ Start] key.

The [EXEC] is highlighted, all drum motors start driving to star the adjustment.

(It will take about 15 seconds to complete the adjustment.)



Perform adjustment on the color displayed as "(NG)".
For example, since "SKEW C" is displayed as L 5.7, the screw at position C in the figure is rotated counterclockwise by six clicks.
Similarly, "SKEW M" is rotated two clicks clockwise.
"SKEW Y" does not need to be adjusted, but it is recommended to rotate it one click clockwise.
Return to the previous screen with the [STOP] key, execute 2) again, and repeat until everything is OK.



Note

Be sure to install the waste toner box for the execution.
Refer to ADJ5 5-A.

(2) Color balance / density adjustment for copy

Method 1

Take a copy of gray test chart (UKOG-0162FCZZ) and color test chart for services (UKOG-0326FCZZ/UKOG-0326FC11) to verify whether color balance / density is appropriate.

a. Points to note for verification of color balance / density for color copy mode

Use gray test chart (UKOG-0162FCZZ) and color test chart for services (UKOG-0326FCZZ/UKOG-0326FC11), set Exposure to "3" in Text/Printed Photo mode and take a copy to verify color balance / density. At that time, all the color balance adjustments in user adjustment mode should be set to default (center). Use the paper exclusive for color for verification.

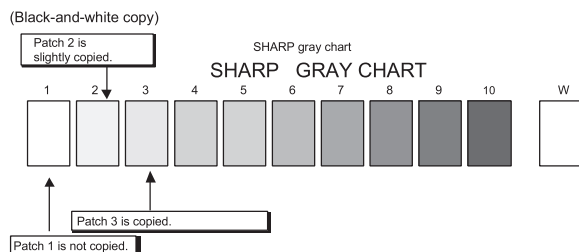
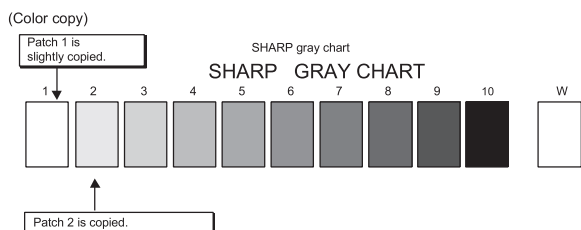
b. Points to note for verification of density for black and white copy mode

Use gray test chart (UKOG-0162FCZZ), set Exposure to "3" in Text/Printed Photo mode and take a copy to verify density. All the color balance adjustments in user adjustment mode should be set to default (center).

Verification using a test chart for gray (UKOG-0162FCZZ)

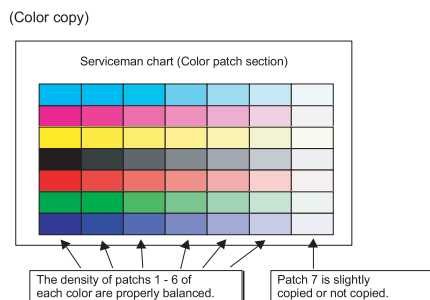
Check whether following conditions are satisfied when verifying the density of a test chart for gray for copy.

Use the color test chart (UKOG-0326FCZZ/UKOG-0326FC11) for services to verify color (gray) balance.



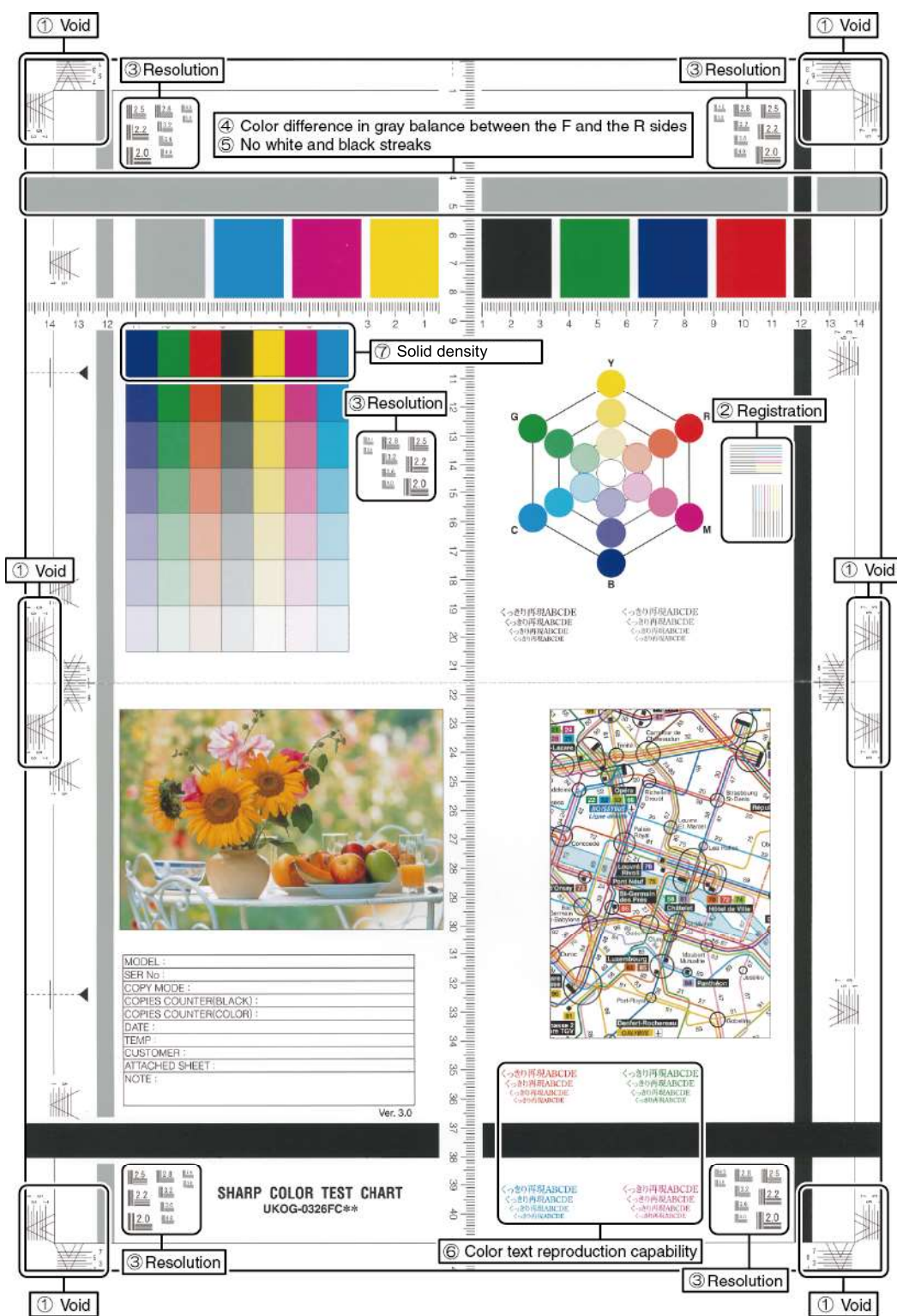
Verification using a color test chart for services (UKOG-0326FCZZ/UKOG-0326FC11)

Check whether following conditions are satisfied when verifying color balance for copy using the color test chart for services.



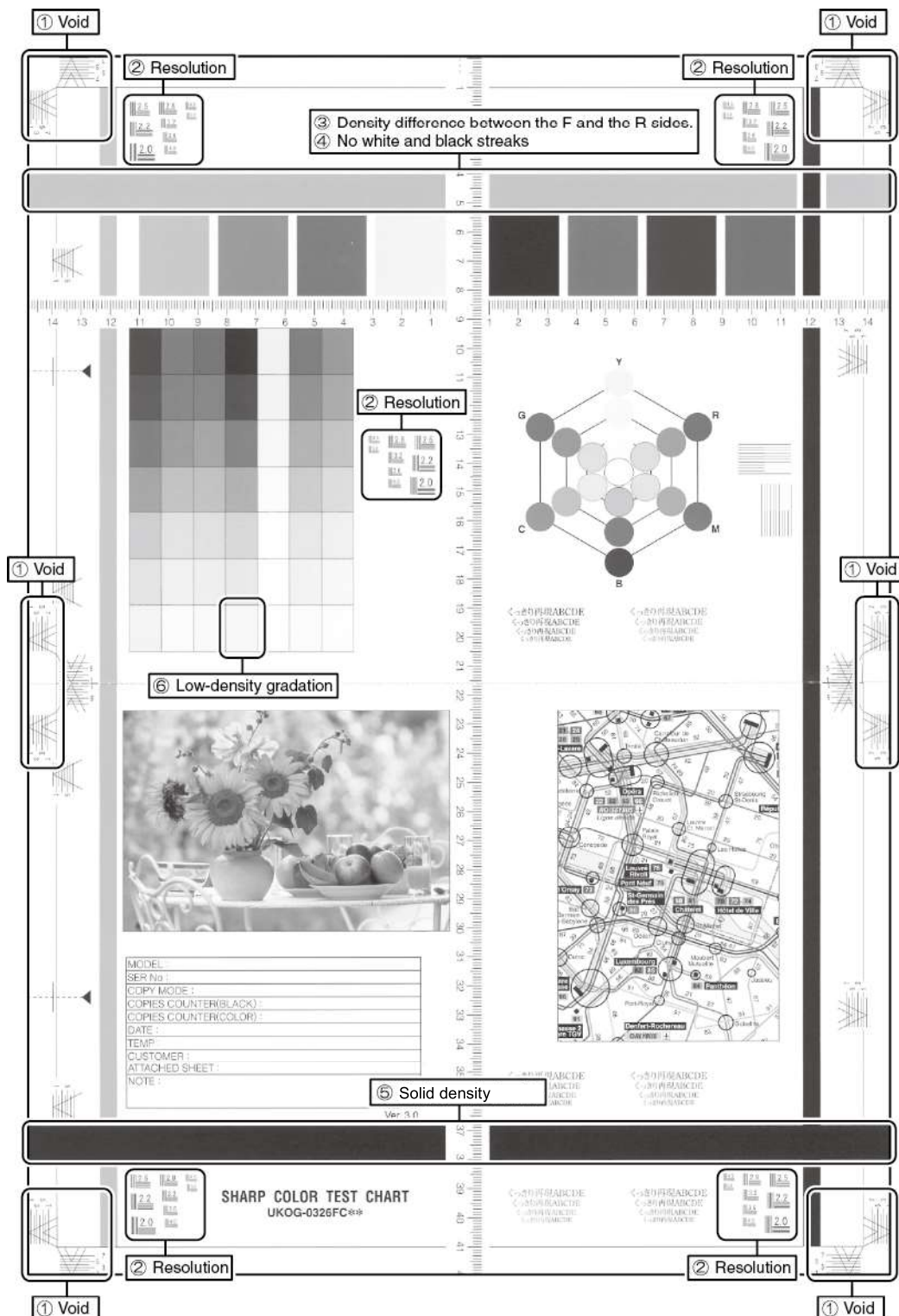
The verification items for color copy

- 1) There are 12 void areas.
- 2) There is no registration shift toward main scanning / sub scanning direction.
(One area for each direction)
- 3) Resolving power 5.0 is visible at 5 areas.
- 4) There is no much difference in gray balance between front and rear.
- 5) There are no white / black streaks.
- 6) Colored texts are reproduced clearly.
- 7) Solid color is not light.



The verification items for B/W copy

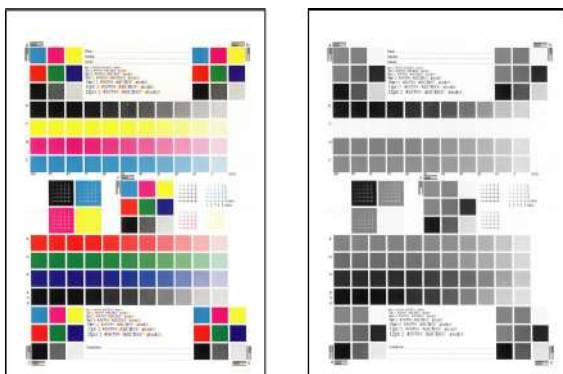
- 1) There are 12 void areas.
- 2) Resolving power 4.0 is visible at 5 areas.
- 3) There is no much difference in density between front and rear.
- 4) There are no white / black streaks.
- 5) Solid color is not light.
- 6) The gradation in light density is presented properly.



(3) Verification of color balance / density for print

Method

Execute SIM 64-5 to print the print test pattern.



Print density should change gradually from lighter to darker.

Make sure that the density does not shift oppositely.

The density level of all colors should be equal.

(4) Color balance adjustment for copy and print (Auto adjustment)

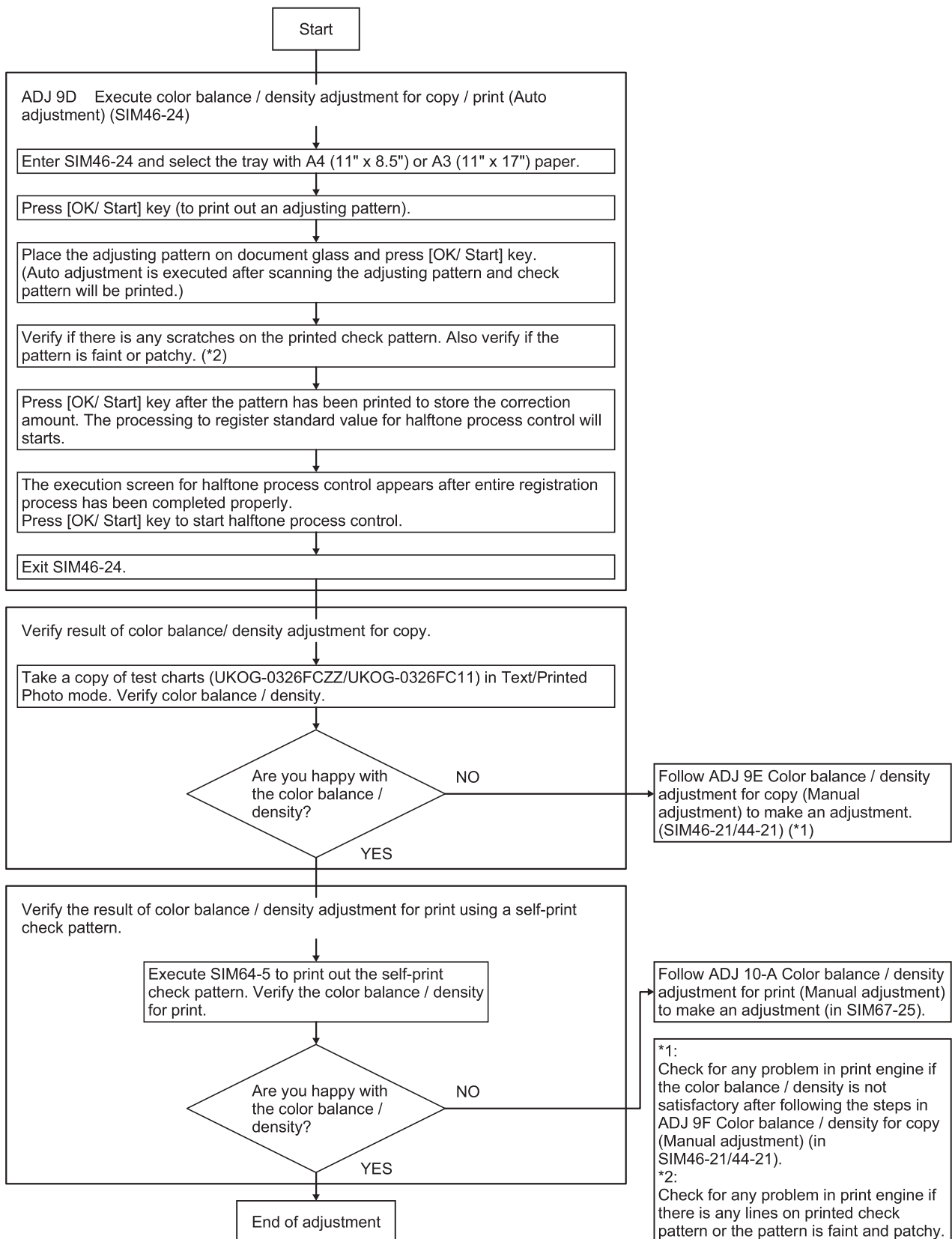
a. Overview

Color balance adjustment (Auto adjustment) is to adjust density of cyan, magenta, yellow and black for copy / print automatically. Executing this adjustment will update color balance adjustment for both copy and print.

b. How to make an adjustment

Auto color balance adjustment by service tech

Work flow for color balance / density adjustment for copy / print (Auto adjustment) (SIM46-24)



- 1) Enter Simulation 46-24 mode.
- 2) Press [OK/ Start] key.
A tray with A4/11 x 8.5 or A3/11 x 17 paper will be selected automatically.
The image of color patch (adjusting pattern) will be printed.
- 3) Place the image of color patch (adjusting pattern) printed in the step 2) on document glass.
Then place about 5 sheets of blank paper on top of the color patch.



- 4) Press [OK/ Start] key.
Color balance adjustment is executed automatically that image of the patch for verification of color balance will be printed.
Check for any problem in print engine if there is any problem, such as lines on printed check pattern or the pattern is faint and patchy.
- 5) Press [OK/ Start] key. (Correction amount is stored that the processing to register standard value for halftone process control will start.)
- 6) The execution screen for halftone process control appears after entire registration process has been completed properly.
Press [OK/ Start] key to start halftone process control.
- 7) The adjustment has been completed once the message "OK" appears.
Exit Simulation 46-24.

Sim46-24	CPY	GRAD	AUTO	ADJ	1/ 6
OK					
K1 -K4	:	2000, 2000, 2000, 2000			
K5 -K8	:	2000, 2000, 2000, 1999			
K9 -K12	:	2000, 1993, 1995, 2001			

- 8) Verify color balance / density for copy.
(Refer to the section on verification of color balance / density for copy.)
Follow the steps in ADJ 9F for manual color balance adjustment if the result is not satisfactory.
 - 9) Verify color balance / density for print.
(Refer to the section on verification of color balance / density for print.)
Follow the steps in ADJ 10-A for manual adjustment (SIM67-25) if the auto adjustment does not satisfy color balance / density.
- If neither auto nor manual adjustment does not satisfy the color balance / density, there should be other factor.

Investigate cause of the problem, fix the problem appropriately and make the adjustment all over again.

(5) Printer color balance adjustment (Manual adjustment)

The adjustment is not necessary under normal conditions.

Requirements before execution of Color balance / density adjustment for print

Color balance / density adjustment for copy should be executed properly.

This adjustment is required in the following cases:

- The color does not match after color balance adjustment.
- To change reproducibility of density.

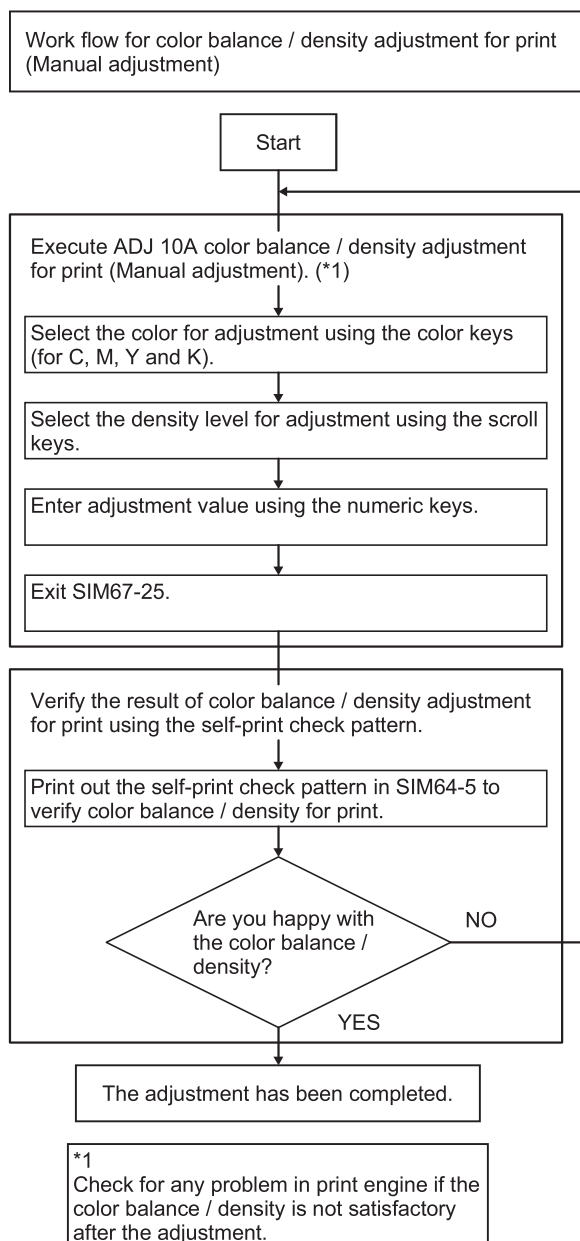
a. Overview

Color balance adjustment (Manual) is to manually change the density of C, M, Y and K for print respectively when forementioned auto adjustment did not satisfy the specified level or need a fine adjustment or user requested for change (customize) in color balance.

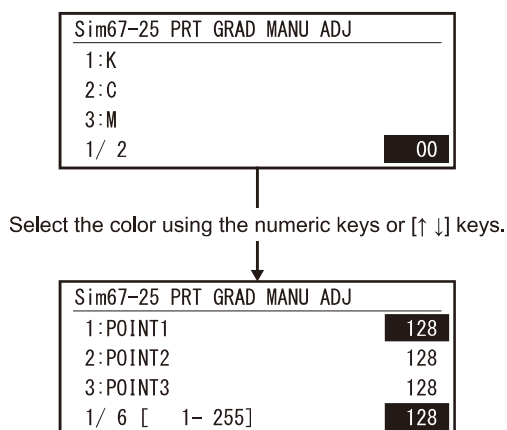
Use this adjustment only when the result of auto execution in the previous section is not satisfactory.

If color balance is messed up, execute auto color balance adjustment beforehand and then execute this adjustment for better efficiency.

b. How to make an adjustment



- 1) Enter Simulation 67-25 mode.



- 2) Select the color using the numeric keys or [↑ ↓] keys.
- 3) Enter adjustment value using the numeric keys and press [OK] key.

The range of adjustment value available is 1 to 255.

All the set values in this simulation will be set to 128 after execution of auto color balance / density adjustment in simulation 46-24.

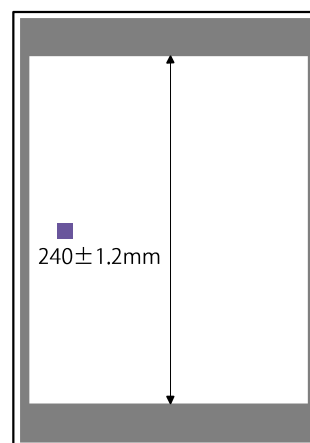
Increase the adjustment value to increase the density, decrease the value to decrease the density.

Repeat the steps 2) to 3) until the adjustment is satisfactory. (Refer to the section for verification of color balance and density for print)

(6) Print image position, image magnification, print position adjustment (Print engine) (Manual adjustment)

a. Print image magnification adjustment (Main scanning direction)

- 1) Enter Simulation 50-10 mode.
- 2) Load A4 (11x8.5) or A3 (11x17) paper into a paper tray.
- 3) Select the paper tray with the paper loaded in the step 2) using the [↑ ↓] keys.
- 4) Press [Start] key
Check pattern will be printed.
- 5) Verify whether the dimension of the printed check pattern is $240 \pm 1.2\text{mm}$.



Perform the step below if the result is not satisfactory:

- 6) Change setting item 1: BK-MAG.
The length will change by 0.1 mm by changing the value by one.
Increase the value to increase the magnification toward main scanning direction for BK image. Decrease the value to decrease the magnification.
Repeat the steps 2) to 6) until satisfactory result is obtained.

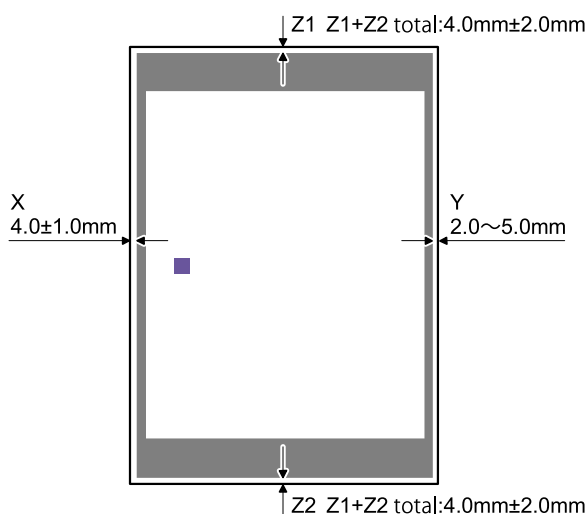
b. Print image position adjustment (Main scanning direction, sub scanning direction)

Note

Make sure that following item is in proper condition prior to the adjustment:

- ADJ 4-A Print image magnification adjustment (Main scanning direction)
- 1) Enter Simulation 50-10 mode.
 - 2) Load A4 (11x8.5) or A3 (11x17) paper into a paper tray.
 - 3) Press [Start] key
Check pattern will be printed.

- 4) Verify the image on the check pattern and see whether the items below are at standard value.



	Description	Standard adjustment value
X	Void area on lead edge	$4.0 \pm 1.0 \text{ mm}$
Y	Void area on trail edge	2.0mm to 5.0mm
Z1 / Z2	Void area on front / rear	Total $4.0 \pm 2.0 \text{ mm}$

*The void for Z1 and Z2 should be 1 mm or more on both sides.

Perform the step below if the result is not satisfactory:

- 5) Change adjustment value, press [Start] key and print out the check pattern.

Repeat the steps 3) to 6) until the conditions listed in step 5) is satisfied.

The dimension will change by approx. 0.1 mm by changing the value by one.

Main scanning direction: The print position moves toward rear side as the adjustment value increases

Sub scanning direction: The print position moves toward trail edge of paper transport direction as the adjustment value increases.

	No.	Item	Target tray
Print position toward main scanning direction	4	MAIN-MFT	Manual feed tray
	5	MAIN-CS1	Tray 1
	6	MAIN-CS2	Tray 2
	7	MAIN-CS3	Tray 3
	8	MAIN-CS4	Tray 4
	9	MAIN-ADU	Side-2 for duplex printing
Print position toward sub scanning direction	10	SUB-MFT	Manual feed tray
	11	SUB-CS1	Tray 1
	12	SUB-CS2	Tray 2
	13	SUB-CS3	Tray 3
	14	SUB-CS4	Tray 4
	15	SUB-ADU	Side-2 for duplex printing
main scanning direction	2	MAIN-STD	All trays
Print position toward sub scanning direction	3	SUB-STD	All trays

Note

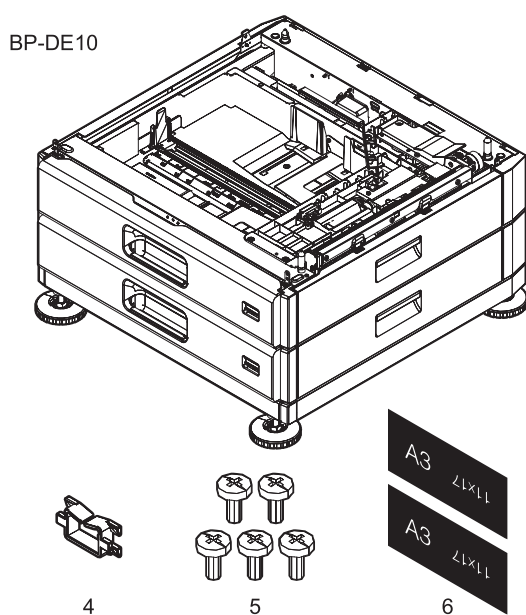
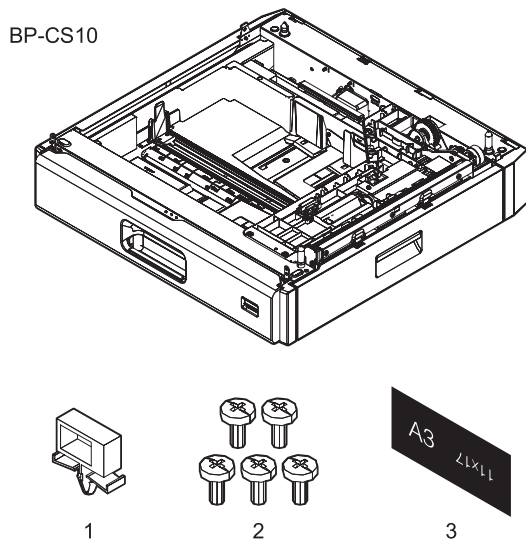
The setting items "2: MAIN-STD" and "3: SUB-STD" are to change all print positions.

Execute them if adjustment of all trays is necessary after replacement of LSU etc.

[3] BP-CS10 (500-SHEET PAPER FEED TRAY), BP-DE10 (STAND/2x500 SHEET PAPER DRAWER)

1. Unpacking

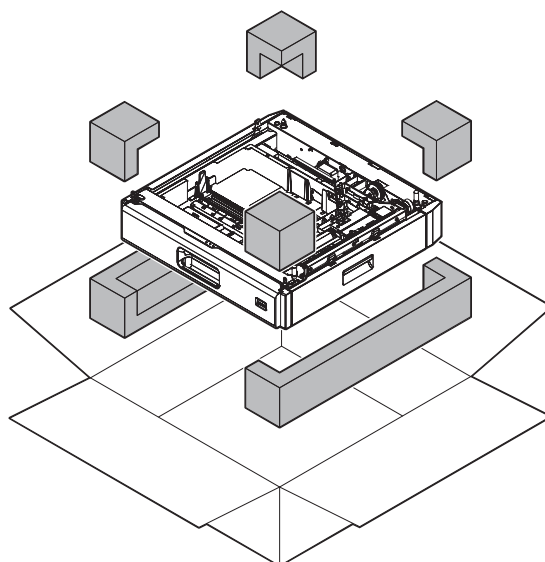
A. Packed items check



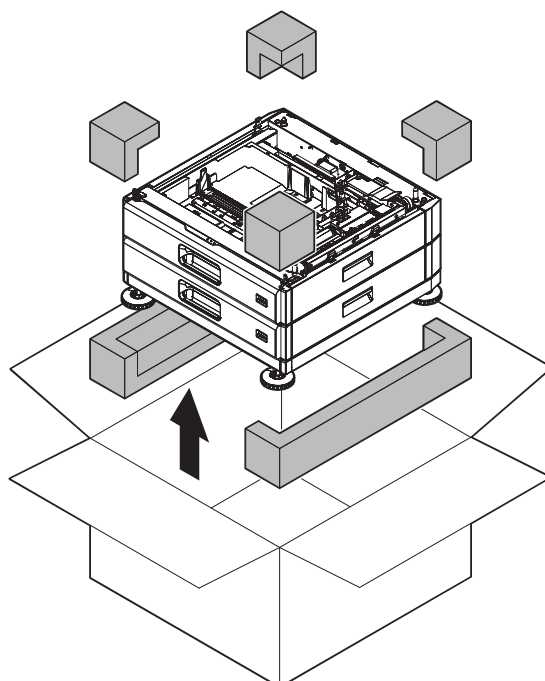
No.	Name	Quantity
1	Saddle	1
2	Fixing screws (M4×8)	5
3	Size indication label	1
4	Edge holder	1
5	Fixing screws (M4×8)	5
6	Size indication label	2

B. Removal of the fixing tape and protection material

- 1) Removal of the 500 sheet paper feed tray

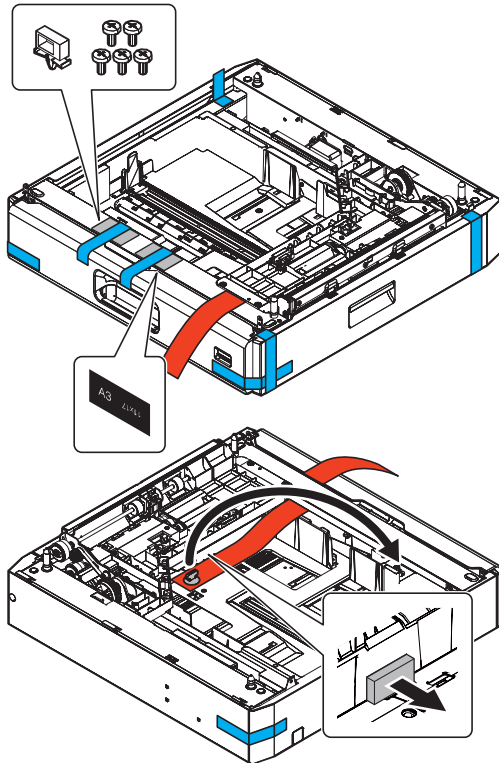


- 2) Removal of the stand/2x500 sheet paper drawer



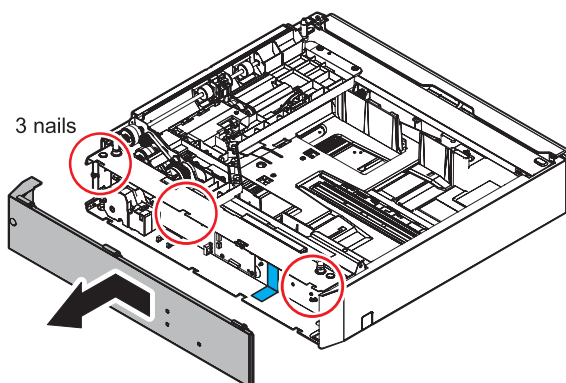
C. Removal of the fixing tape and protection material

- 1) Remove the 500 sheet paper feed tray from the polyethylene bag, and remove the fixing tape and the protection material.

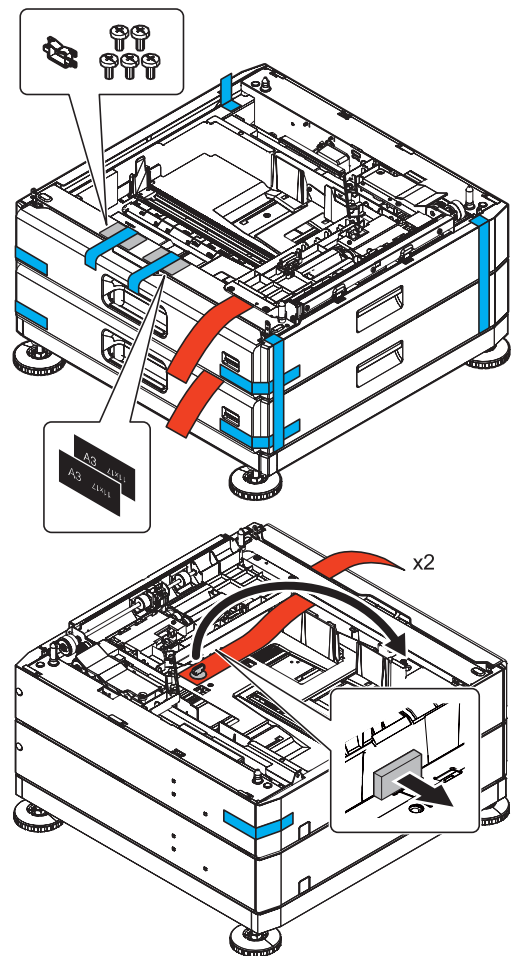


Important

Since Rear cabinet has not been screwed, remove the tape and keep the Rear cabinet out of reach.

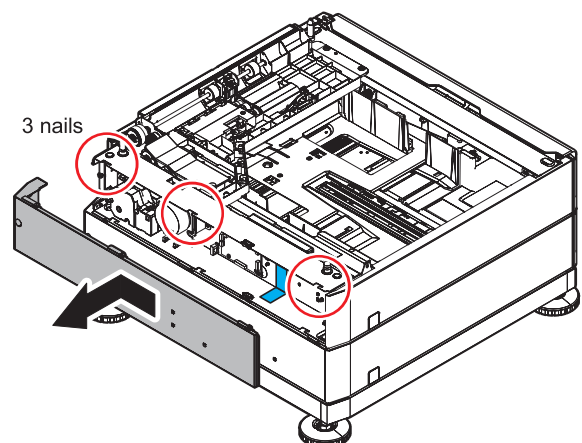


- 2) Remove the stand/2x500 sheet paper drawer from the polyethylene bag, and remove the fixing tape and the protection material.



Important

Since Rear cabinet has not been screwed, remove the tape and keep the Rear cabinet out of reach.



2. Installation

Important

<Precautions for installation>

Before execution of installation, check to confirm that the data lamp under it are not lighted or blinking.

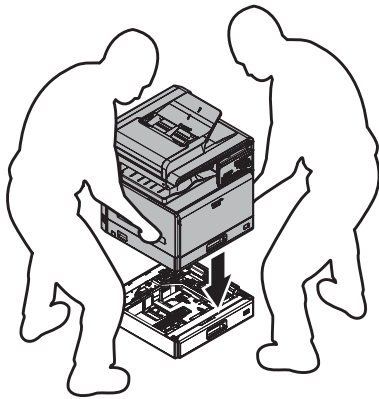
A. Turn off the power of the main unit

- 1) Check to confirm that the operation panel is turned OFF, and then turn OFF the power switch.
- 2) Disconnect the power plug from the power outlet.

B. Install the main unit to the BP-CS10

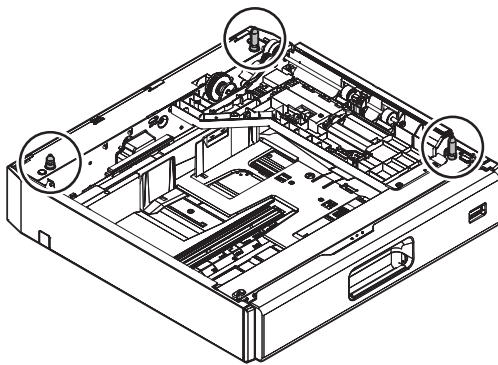
Important

Use man power of two persons to lift the main unit.



Important

Gently place main unit onto the optional Cassette, aligning and inserting the 3 locating bosses of optional tray into the locating holes on the bottom of the main unit.

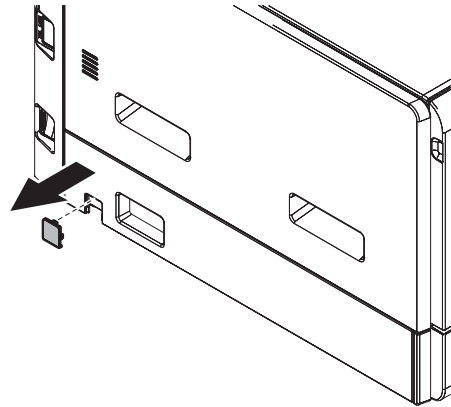


Note

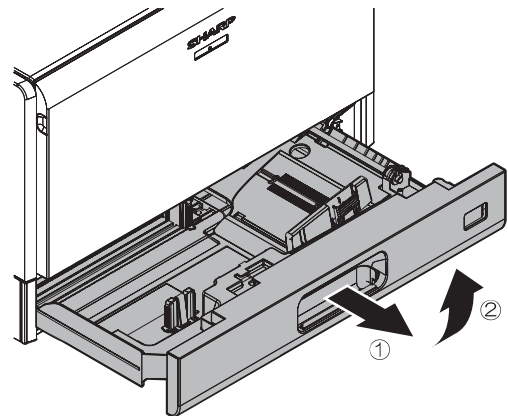
- When connecting the BP-DE10, connect the BP-CS10 and then place the main unit.

(1) Main unit and the 500 sheet paper feed tray (BP-CS10) connection

- 1) Remove the cover on the left rear.



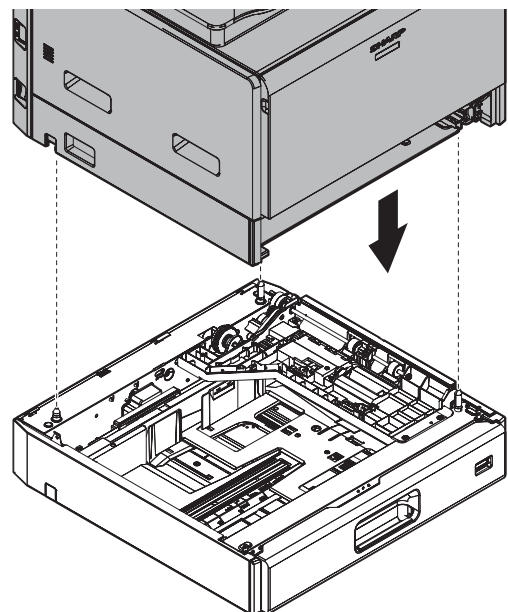
- 2) Remove the tray of the main unit.



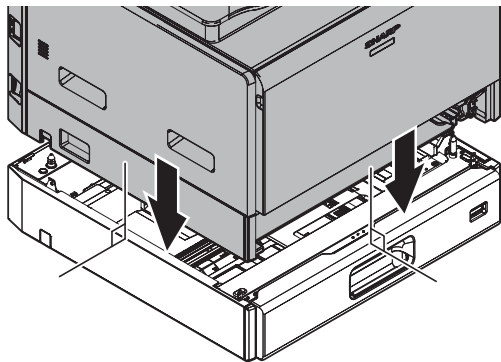
- 3) Place the main unit in BP-CS10.

Pay attention to the position of the boss which is the connection part of BP-CS10.

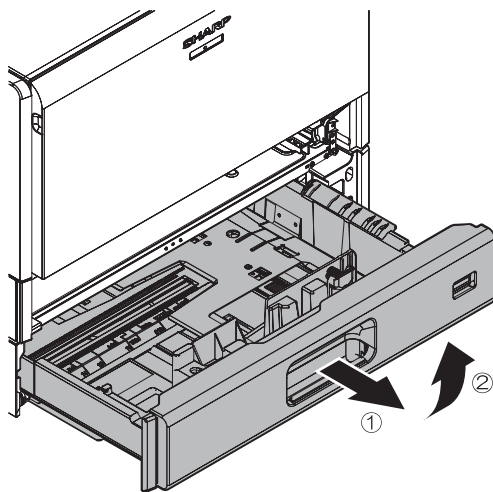
* BP-DE10 can not be attached to the main unit.



Lower the main body straight.

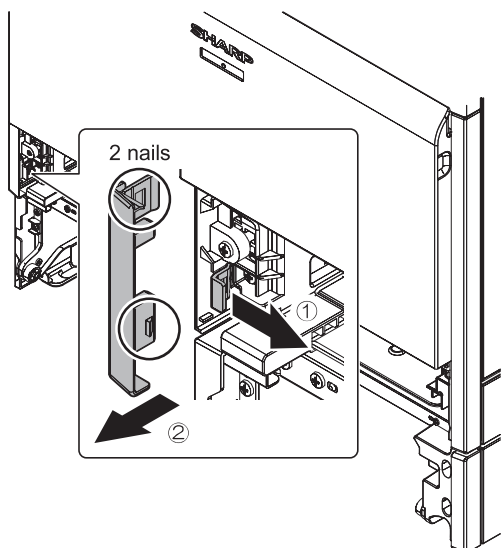


- 4) Pull out the tray of BP-CS10.

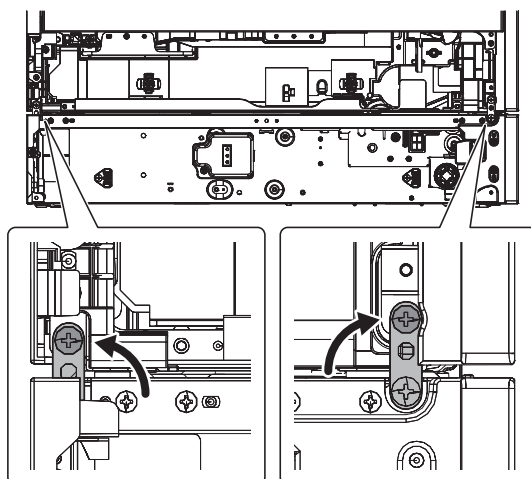


- 5) Remove the Left cabinet lower.

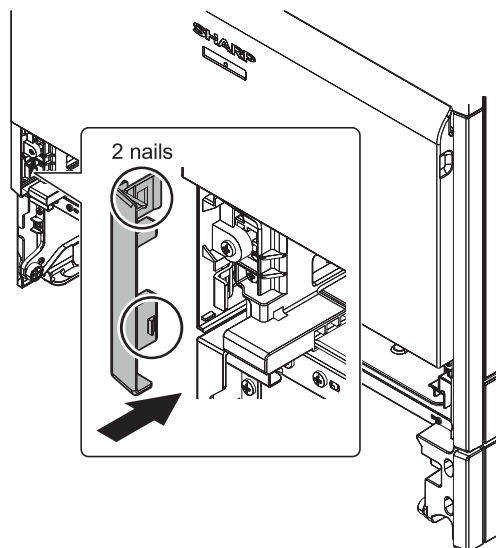
*Tilt the lever to the right and remove it to the front side.



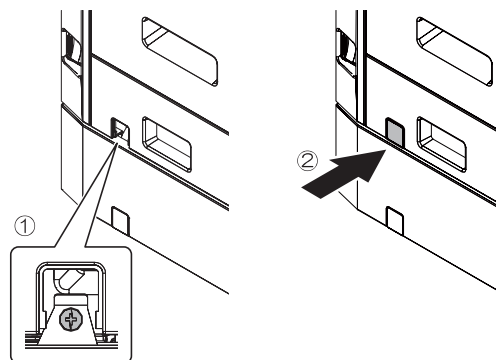
- 6) Align the left and right connecting plates with the screw holes on the body and fasten them with screws.



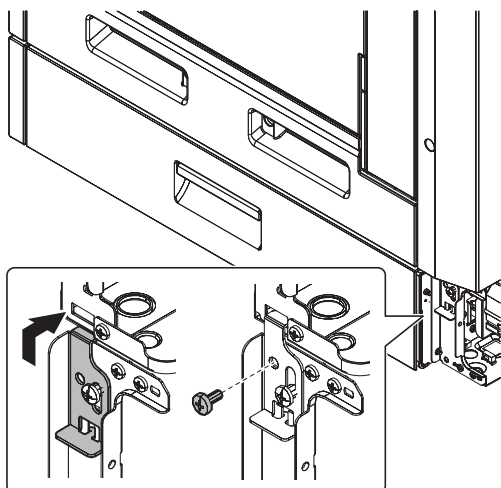
- 7) Attach the Left cabinet lower.



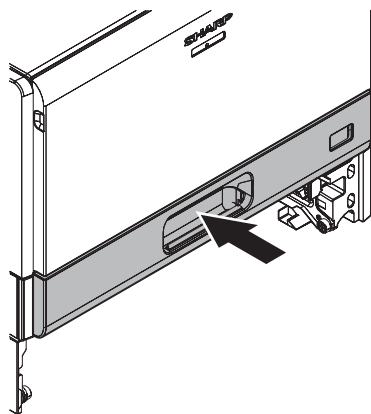
- 8) Fix with screws and attach the cover.



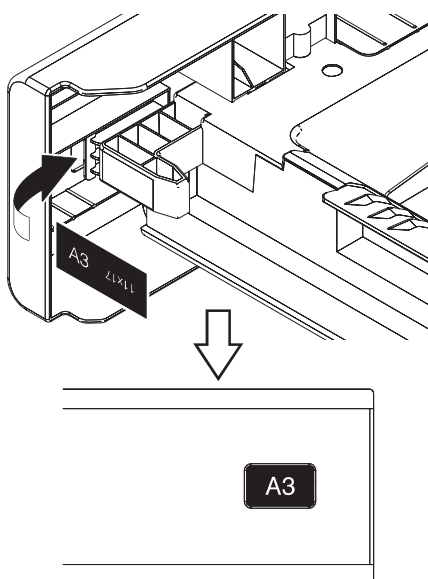
- 9) Slide the lever on the right rearward in the upward direction and hook it on the main frame and fasten it with screws.



- 10) Return the tray to the main unit.

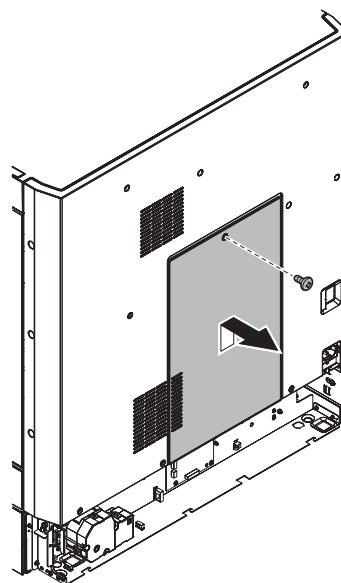


- 11) Attach the size display sheet to the tray and return the tray to the BP-CS10.

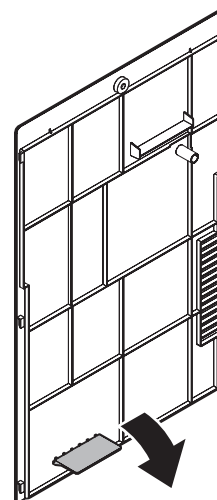


(2) Harness connection to the main unit

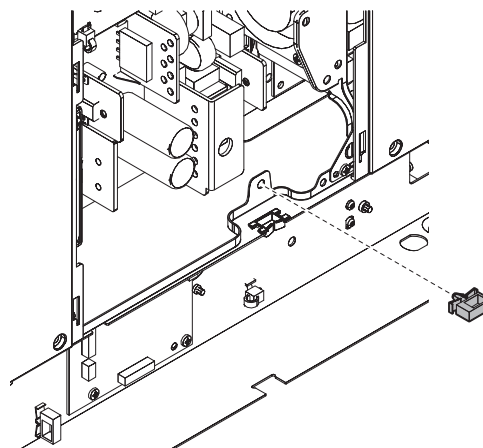
- 1) Remove the screw and slide the rear cover upward to remove it.



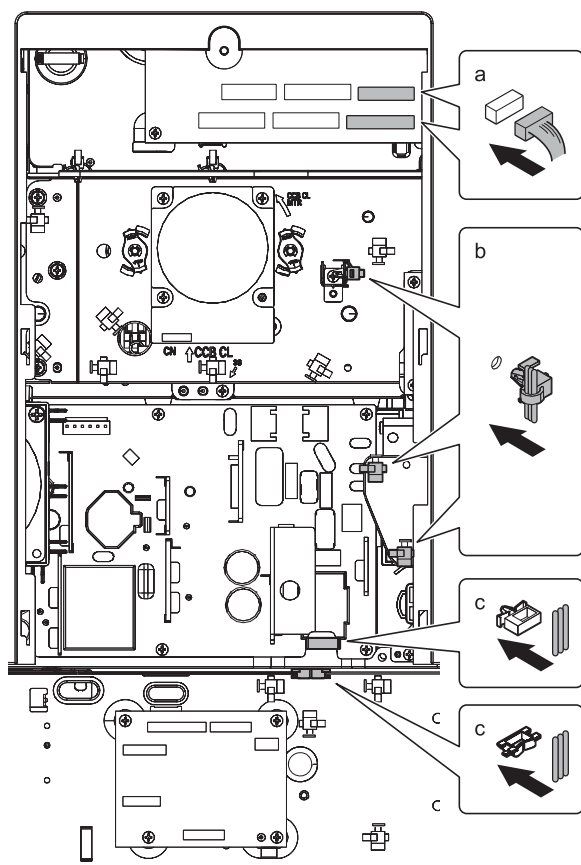
- 2) Bend the rib of the rear cover and remove it.



- 3) Attach the saddle to the main frame.

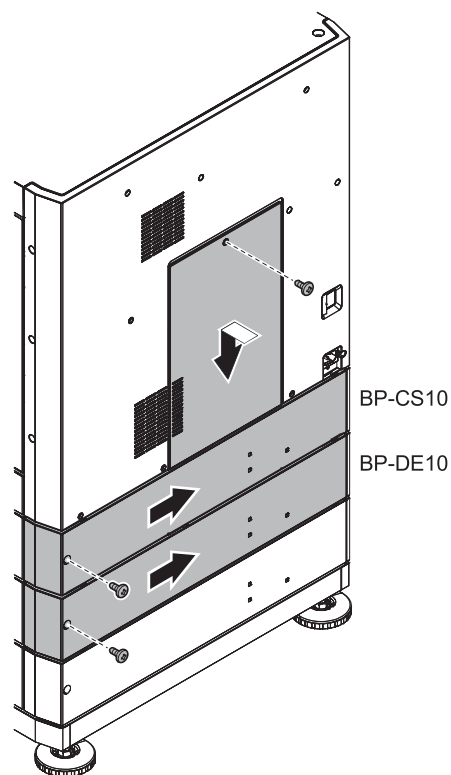


- 4) a. Connect the connector to MFPC PWB.
b. Put the snap band in the hole.
c. Pass the harness through the saddle and the edge saddle.



(3) Mounting the cabinet and cover

- 1) Slide the main unit back cover from the top to the bottom and fasten it with screws.
- 2) Insert the rear cabinet of BP-CS10 and slide it and fix it with the attached screw.
If BP-DE10 is also installed, install the rear cabinet as well.



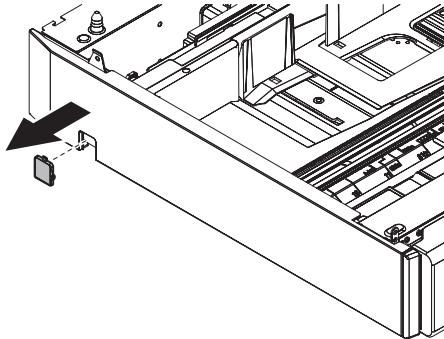
- 3) After installing the tray, make adjustments referring to Page 2-17 (6) b. 5).

(4) Stand/2x500 sheet paper drawer (BP-DE10) and 500 sheet paper feed tray (BP-CS10) connection

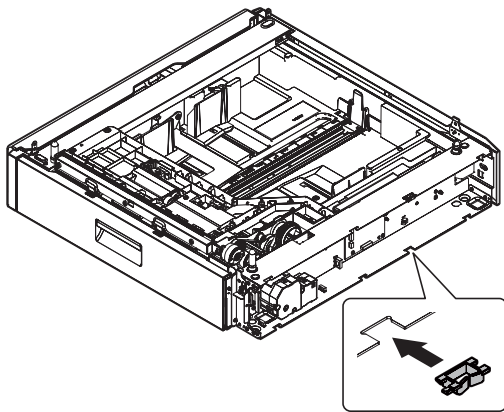
Note

The main unit can not be attached directly to BP-DE10.

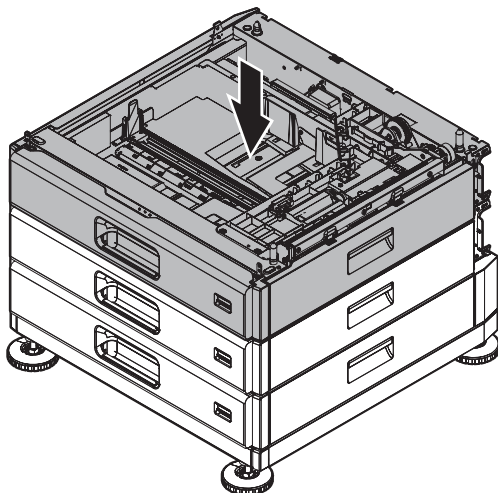
- 1) Remove the cover at the rear of the left side of BP-CS10.



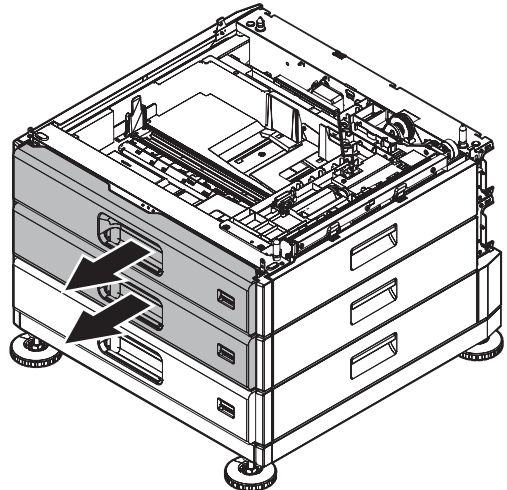
- 2) Attach the edge saddle included in BP-DE10 to BP-CS10.



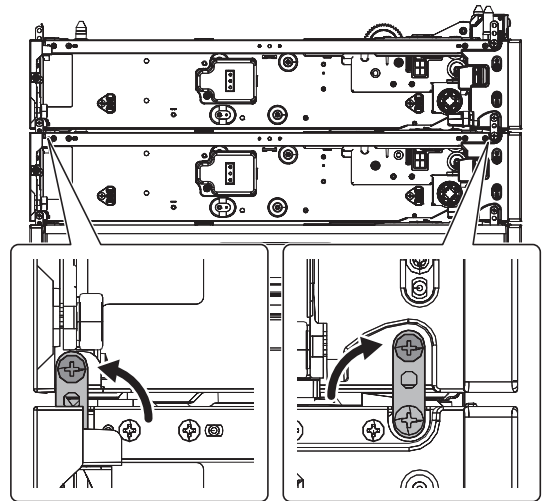
- 3) Place BP-CS10 on BP-DE10.



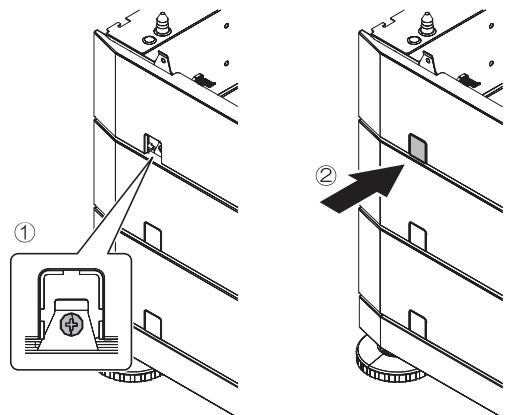
- 4) Remove BP-CS tray and BP-DE10 upper tray.



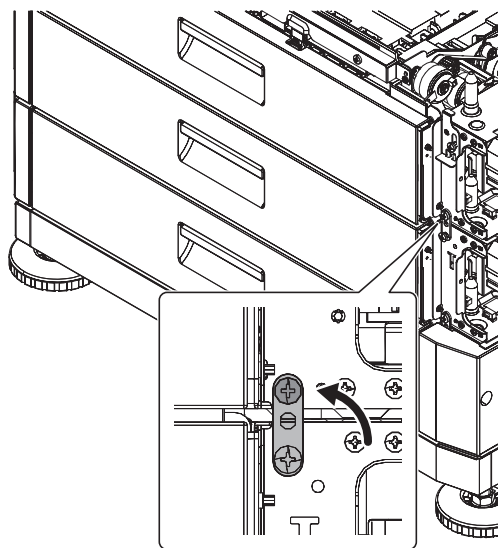
- 5) Align the connecting plate on the left side and the right side with the screw hole and screw it.



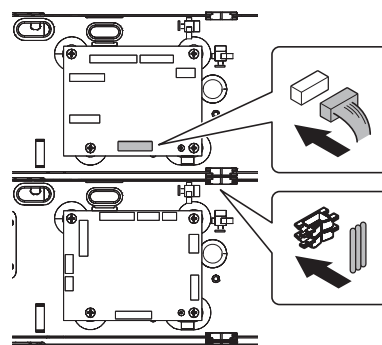
- 6) Fix the BP-CS10 and the main unit with screws. Attach the cover again.



- 7) Fix the connection plate attached to BP-DE10 to the screw hole of BP-CS10 and fix it with screws.

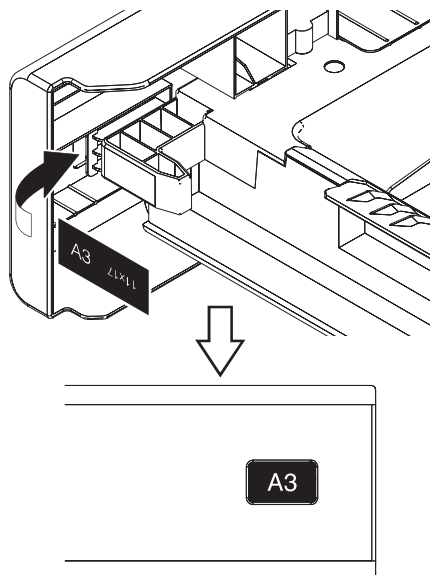


- 10) Connect the harness connector from BP-DE10 to the BP-CS10 PWB.

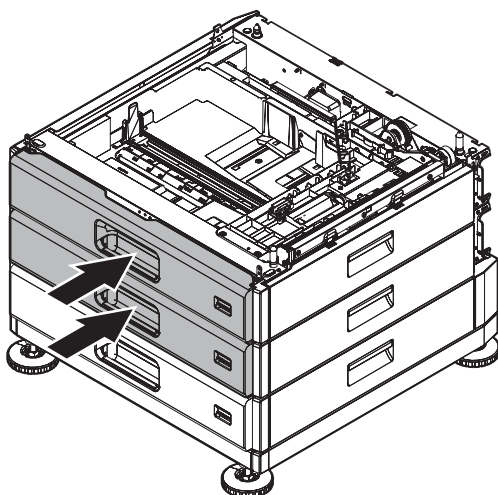


- 11) Install the rear cabinet of BP-CS10 and BP-DE10.
12) After installing the desk, make adjustments referring to Page 2-17 (6) b. 5).

- 8) Attach the size display sheet to the BP-DE10 trays.



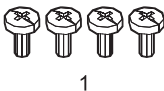
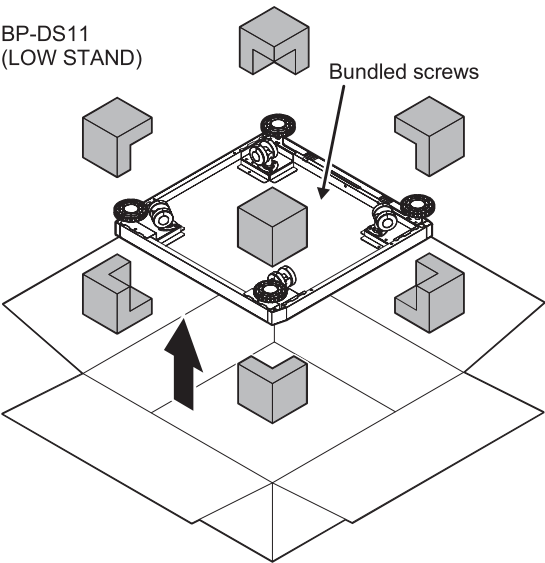
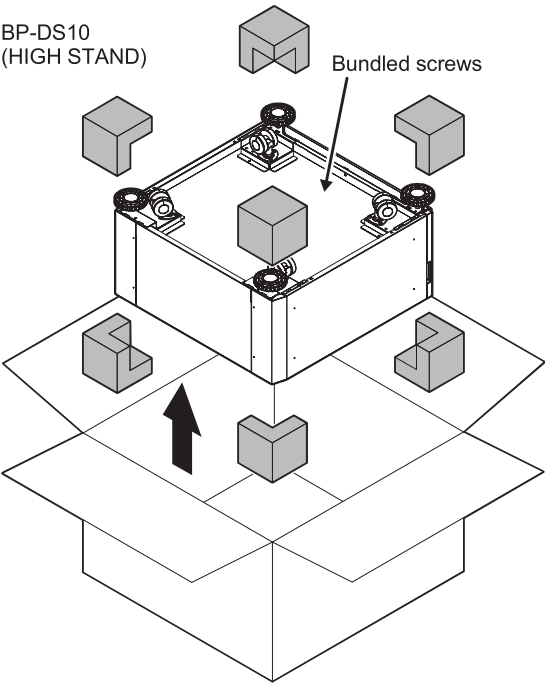
- 9) Return BP-CS10 tray and BP-DE10 upper tray.



[4] BP-DS10/DS11 (HIGH STAND/LOW STAND)

1. Unpacking

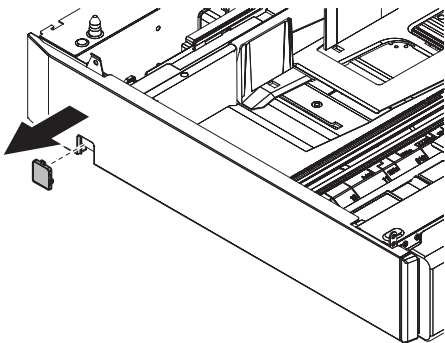
Unpack the package, and check to confirm that all the parts are provided.



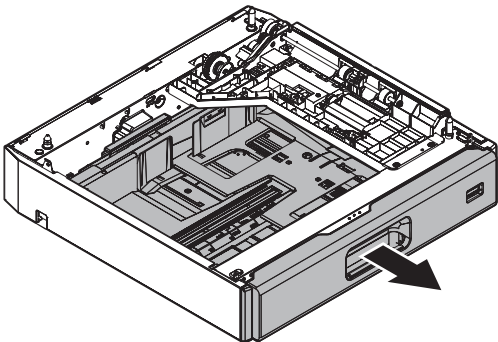
1

2. Installation

- 1) Remove the left rear cover of BP-CS10

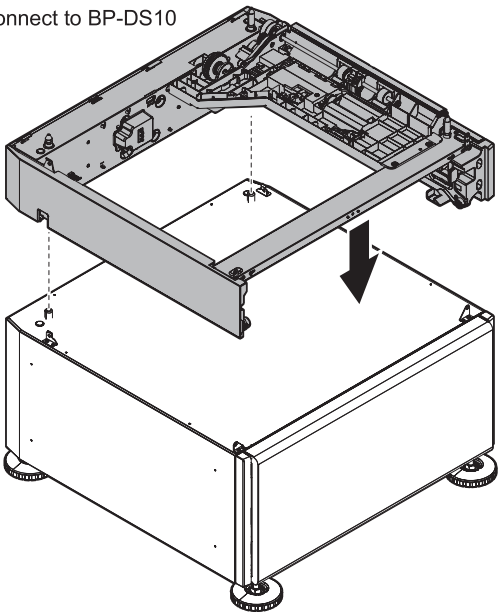


- 2) Remove the tray of the BP-CS10.



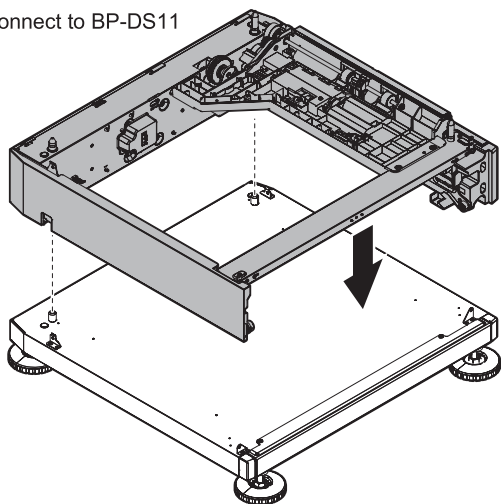
- 3) Put the BP-CS10 on the Stand.
Fit the positioning pins of the Stand (2 places) with the positioning holes of the BP-CS10.

Connect to BP-DS10

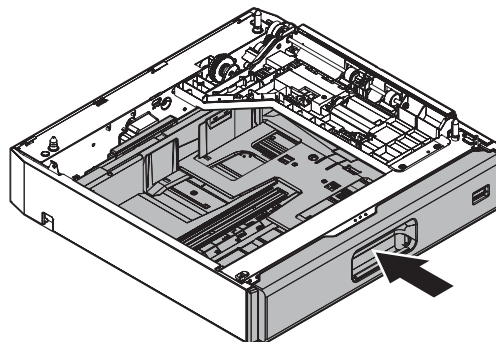


No.	Name	Quantity	
		BP-DS10	BP-DS11
1	Fixing screw (S-tight M4×8)	4	4

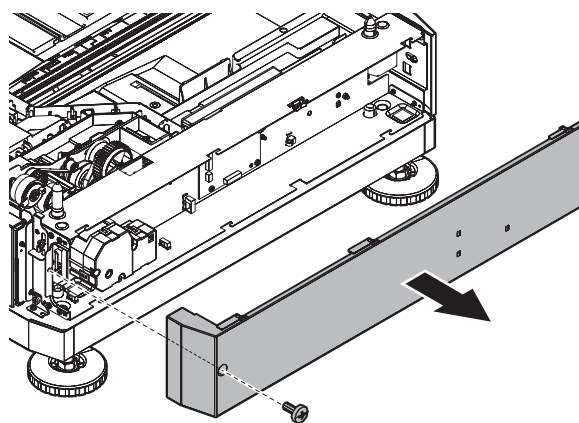
Connect to BP-DS11



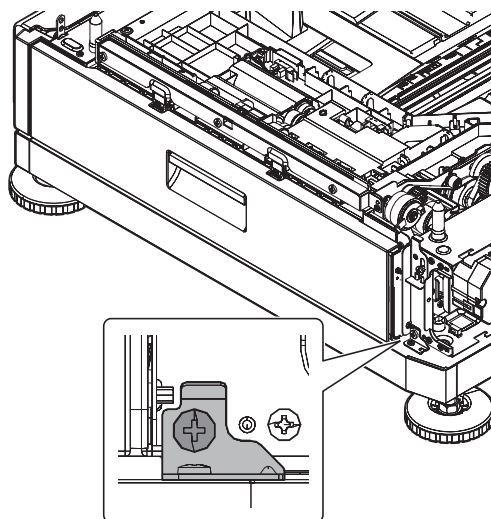
5) Fix the tray of BP-CS10.



6) Remove the rear cover of the BP-CS10.

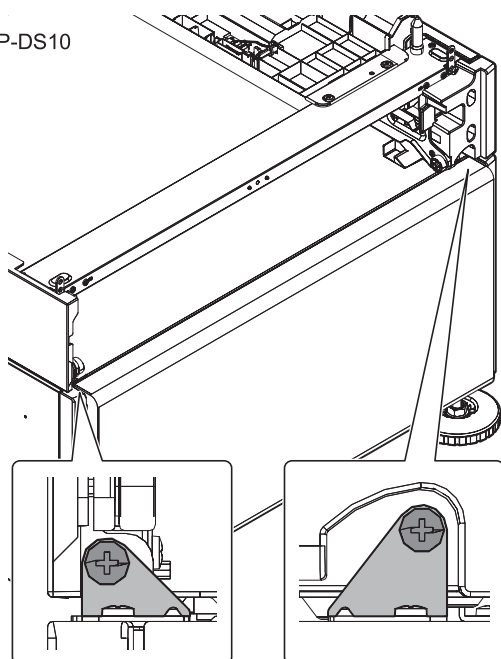


7) Fix the Stand with the BP-CS10 by the Fixing screw.

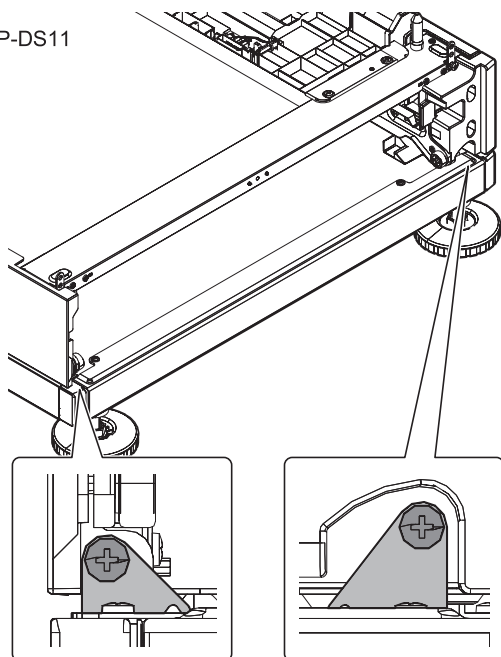


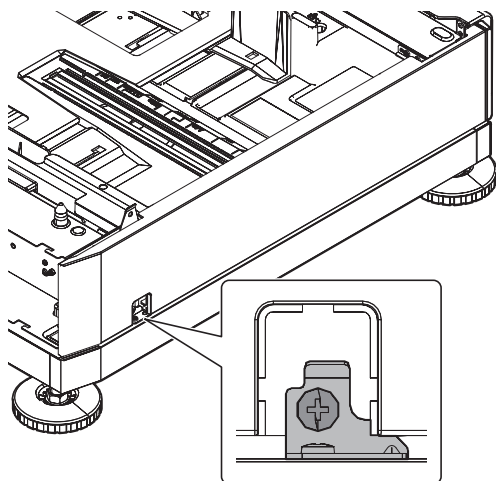
4) Fix the Stand with the BP-CS10 by the Fixing screw.

BP-DS10

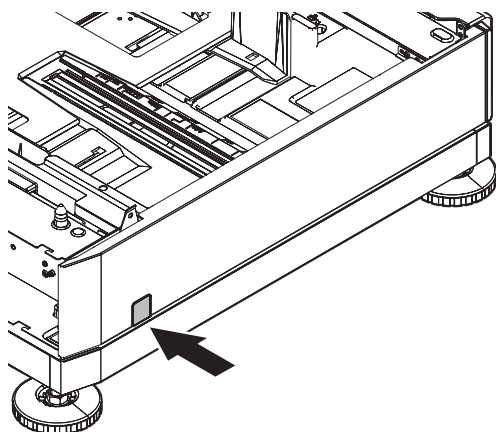


BP-DS11





8) Attach the left rear cover of BP-CS10.



9) Connect with the main unit.