

SHARP

Be Original.

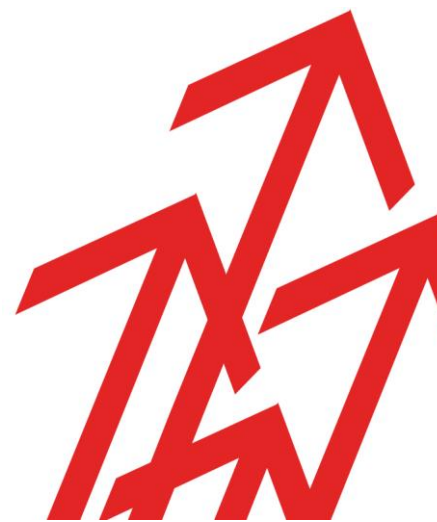


Manual de instalare

pentru
multifunctionala
SHARP
BP-30C25

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 reseaua electrica, folosirea de prize cu impamantare 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.

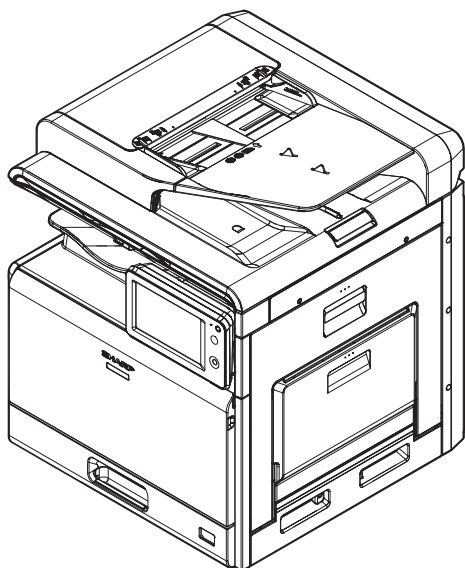


SHARP INSTALLATION MANUAL

CODE: 00ZBP30C25I2E

DIGITAL FULL COLOR MULTIFUNCTIONAL SYSTEM

BP-30C25



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Transit, Installation (using) environment, Note

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BP-DE10 (STAND/2x500 SHEET PAPER
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- [4] BP-DS10/DS11
(HIGH STAND/LOW STAND) 4-1

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

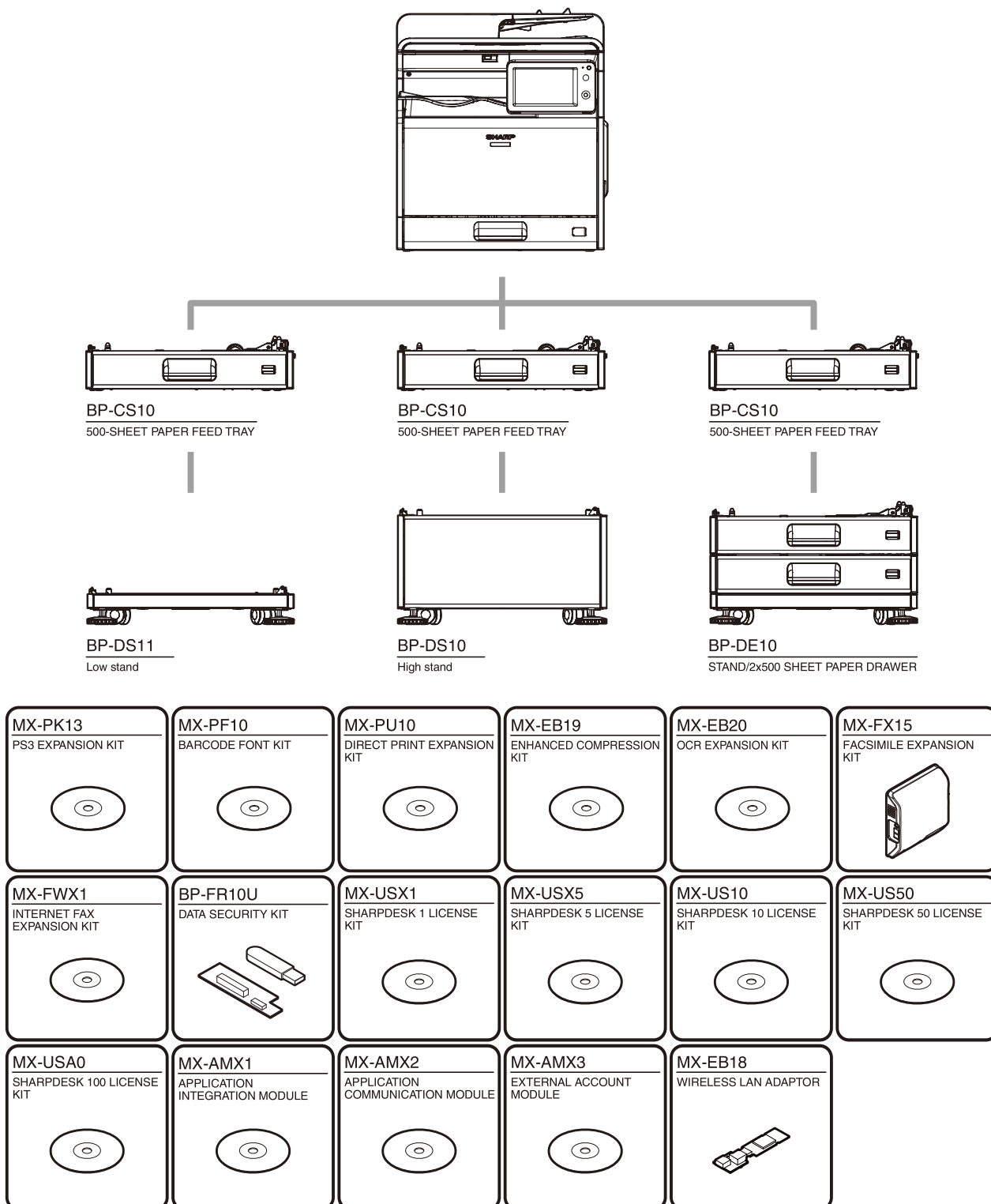
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The contents are subject to change without notice.

[1] CONFIGURATION

1. System diagram

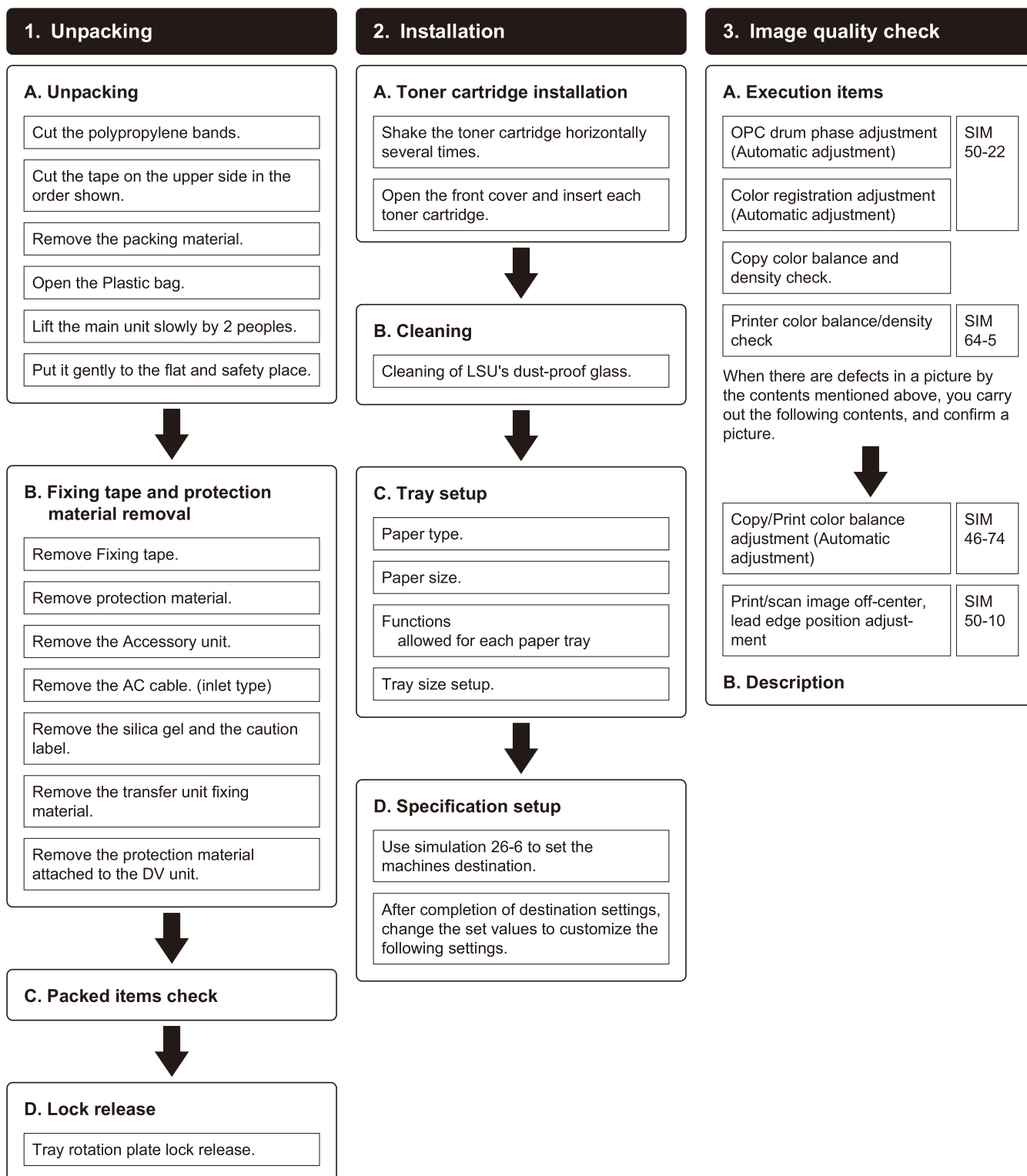
BP-30C25/BP-30C25Y/BP-30C25Z/BP-30C25T

DIGITAL FULL COLOR
MULTIFUNCTIONAL SYSTEM



[2] BP-30C25/BP-30C25Y/BP-30C25Z/BP-30C25T (MAIN UNIT)

Installation flowchart



[6] SIMULATION

1. General and purpose

The simulation mode has the following functions, to display the machine operating status, identify the trouble position and causes in an earlier stage and to efficiently setup and adjust the machine for improved serviceability.

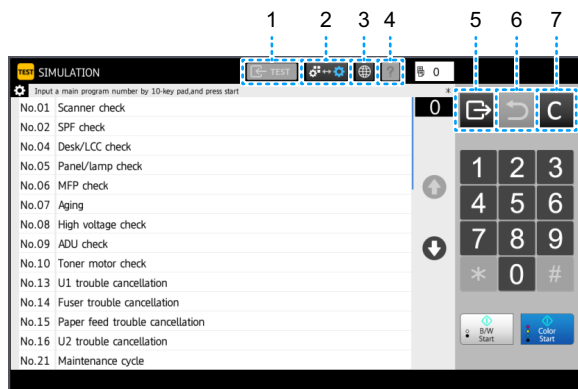
- 1) Various adjustments
- 2) Setting of the specifications and functions
- 3) Canceling troubles
- 4) Operation check
- 5) Counters check, setting clear
- 6) Machine operating conditions (operation hysteresis) data check, clear
- 7) Various (adjustments, setting, operation, counters, etc) data transport.

The operating procedures and displays depend on the design of the operation panel of the machine.

Simulation mode

Easy mode	Displays commonly used simulations for each category, allowing easy access for technicians to change settings, perform maintenance and adjustments.
Classic mode	All simulations are listed and can be accessed by entering the main code, then sub code as per previous model series.

2. Function of each key

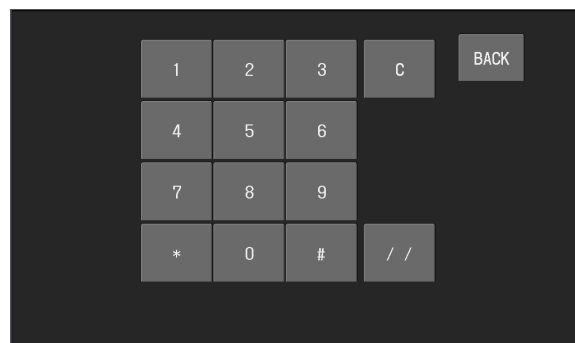
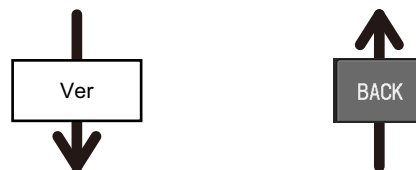
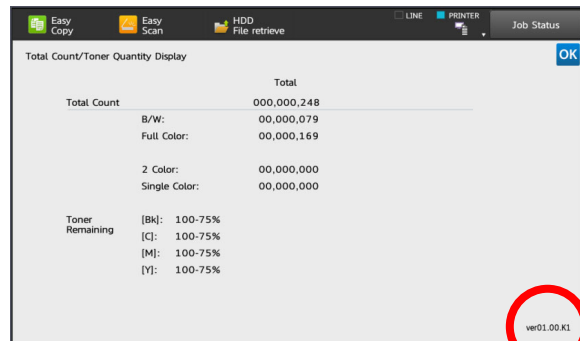


No.	Name	Function
1	TEST key	Change test mode
2	Mode setting key	Change Easy mode, Classic mode
3	Language setting key	Change language in simulation mode
4	INFO key	Display operation of current display
5	EXIT key	Exit from simulation mode
6	BACK key	Back to the previous display
7	Clear key	Clear input value

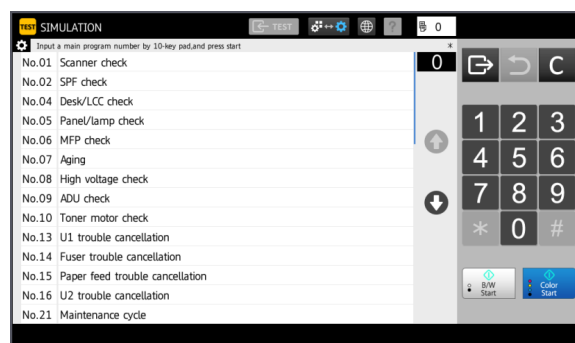
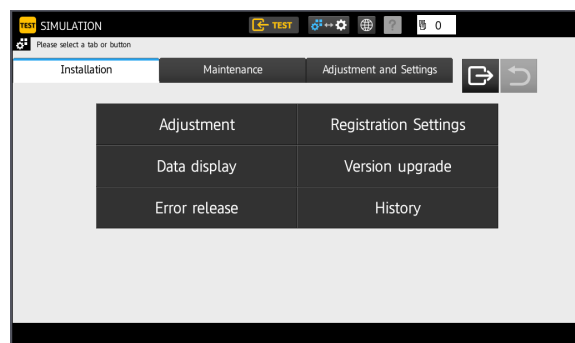
3. Starting the simulation

Entering the simulation mode.

- 1) Double-click the HOME key
- 2) Touch the Ver display section (10-key mode input mode screen)



- 3) Touch the (#) key → Asterisk (*) key → Clear key → Asterisk (*) key → Ready for input of main code of simulation.



1. Unpacking

A. Unpacking

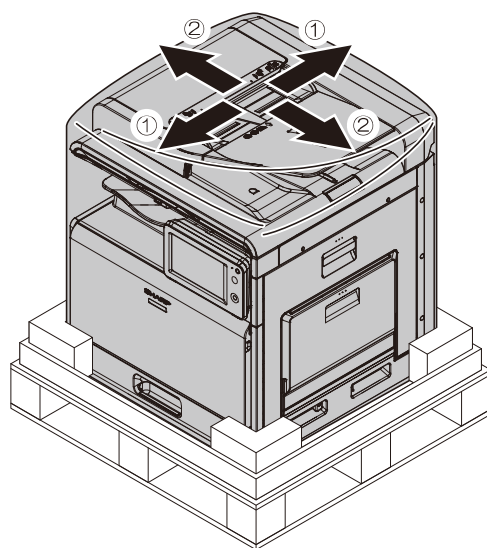
- 1) Cut the polypropylene bands.



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



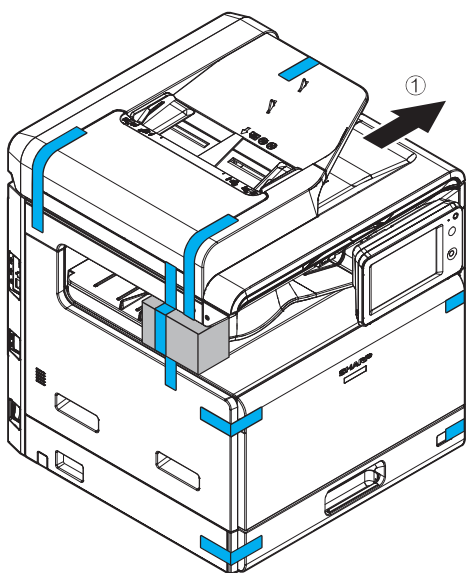
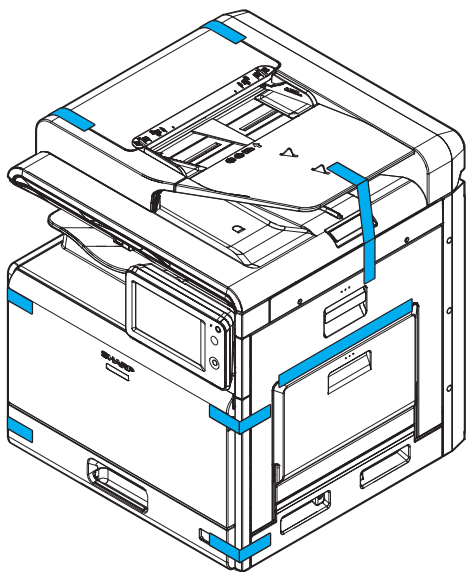
- 3) Open the Plastic bag



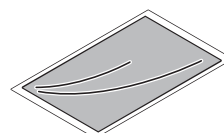
- 4) Lift the main unit slowly by 2 peoples, and put it gently to the flat and safety place.

B. Fixing tape and protection material removal

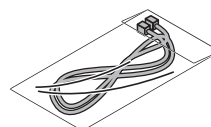
RSPF Model



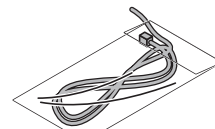
Remove the Accessory unit and the AC cable from (1).



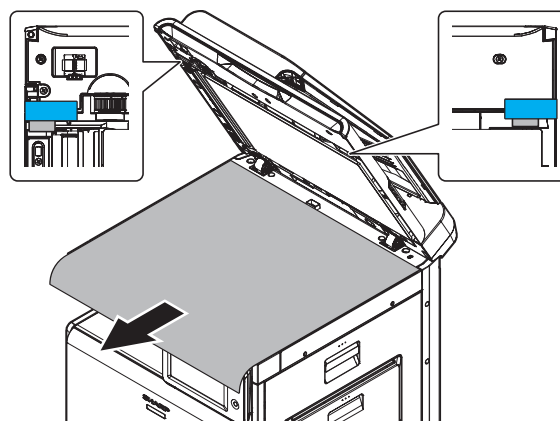
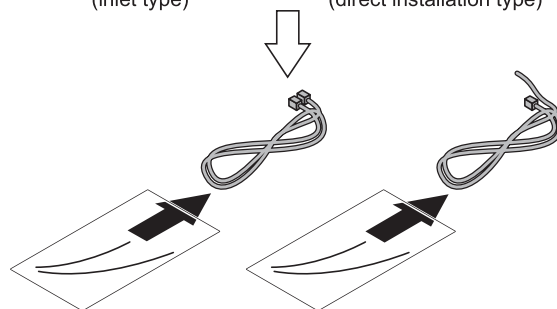
Accessory unit



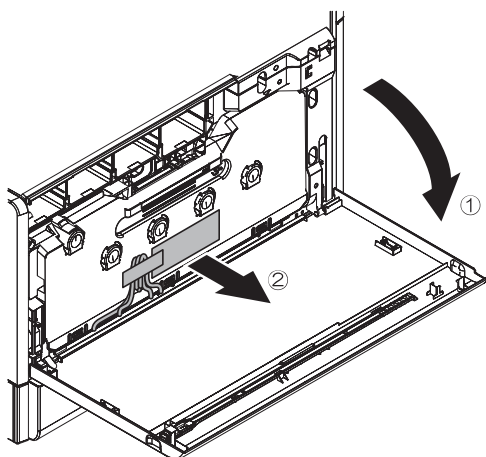
AC cable
(inlet type)



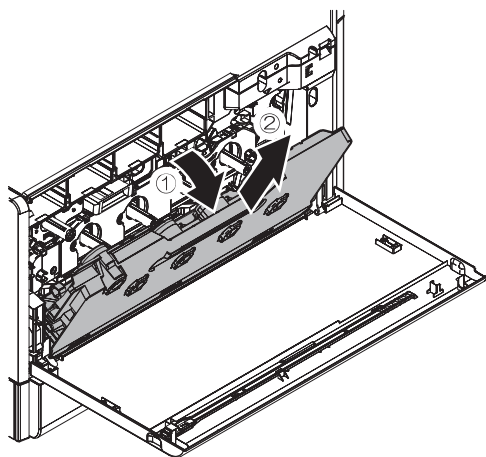
AC cable
(direct installation type)



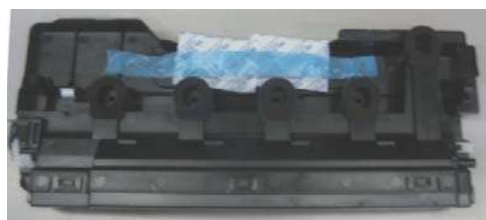
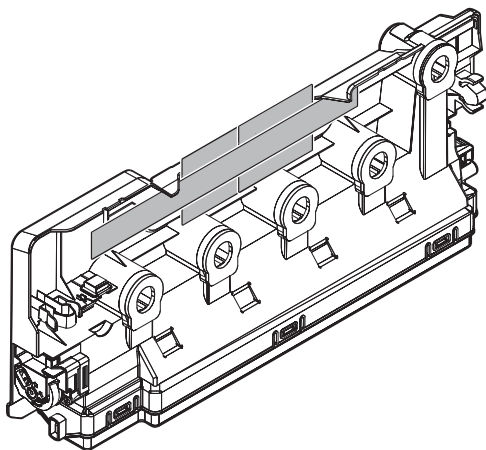
1) Open the cover and remove the caution label.



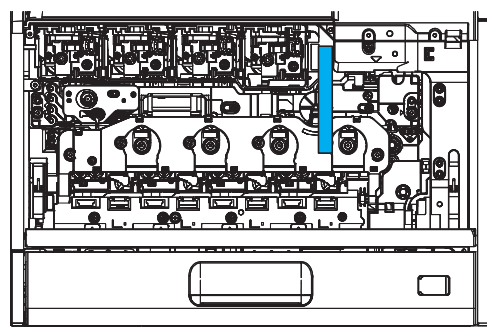
2) Remove the waste toner box.



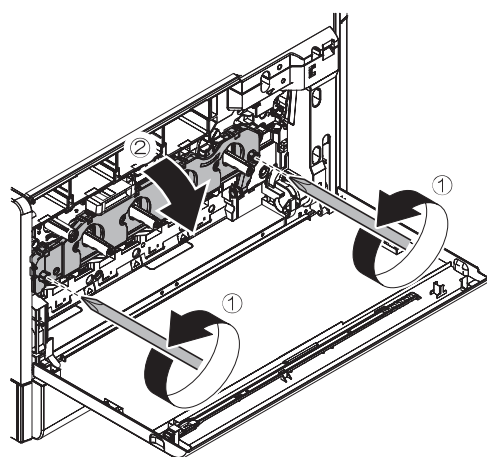
3) Remove the two silica gels.



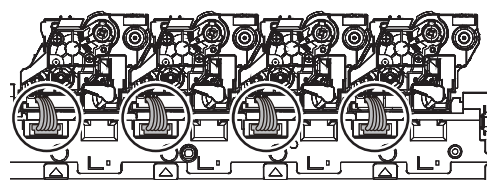
4) Remove the transfer unit fixing material.



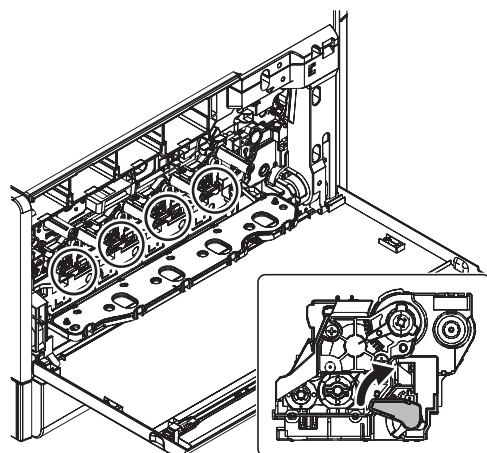
5) Open the position lock unit.



6) Disconnect the connector.



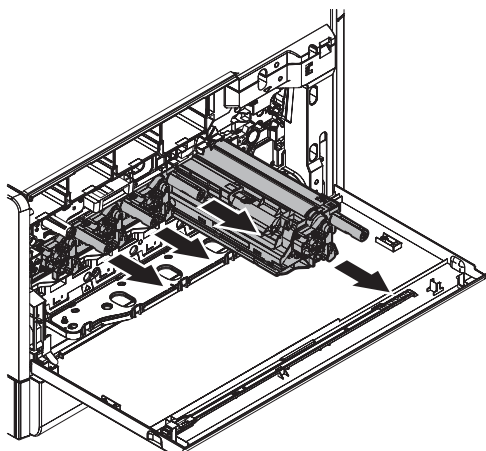
7) Unlock the DV/Process unit.



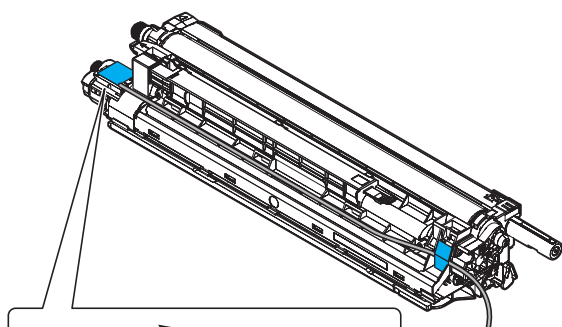
8) Remove the DV/Process unit.

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.



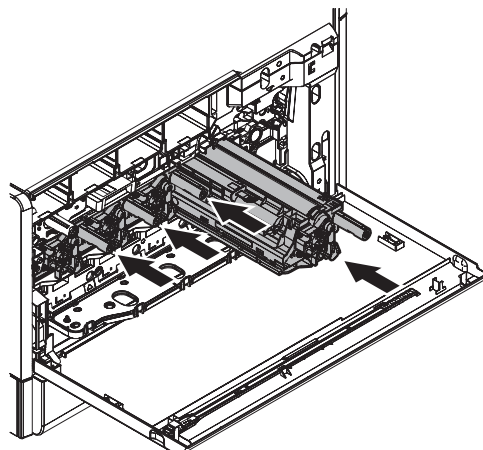
9) Remove the protection material.



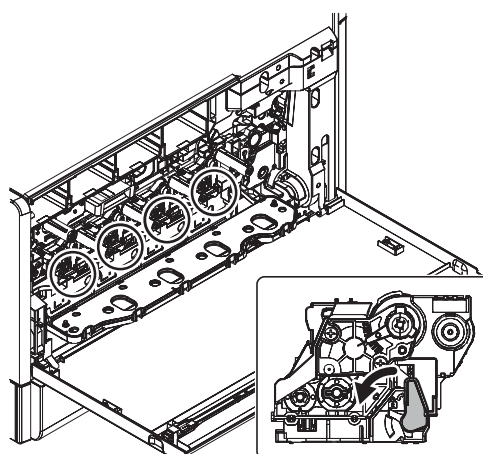
DV shutter cover

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

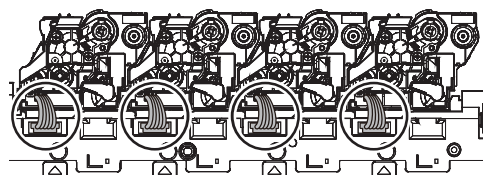
10) Attach the DV/Process unit.



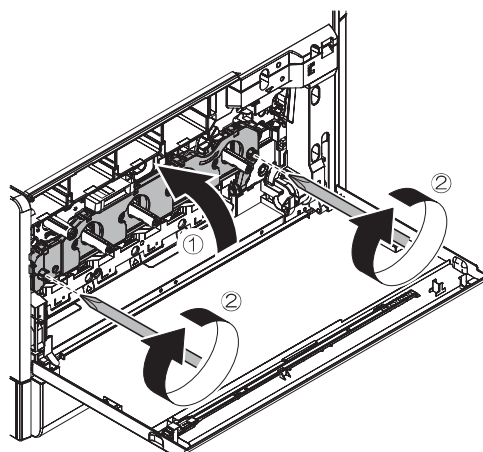
11) Lock the DV/Process unit.



12) Connect the connector.



13) Close the position lock unit.



C. Packed items check

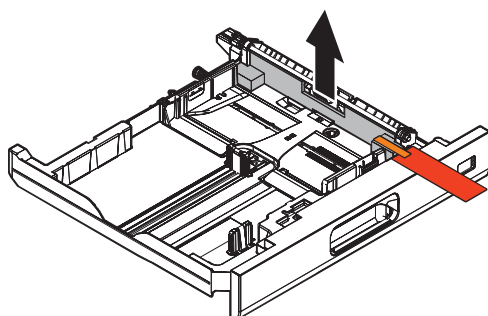
1	Manual	1
2	CD-ROM	1
3	Glass cleaner	1 (RSPF model only)
4	Paper size sheet	1
5	Delivery/installation report	1 (Europe only)
6	SCA warranty card	1 (Australia/New Zealand only)
7	Indonesian label	1 (Asia only)
8	Indian WEEE&RoHS sheet	1 (Asia only)

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.

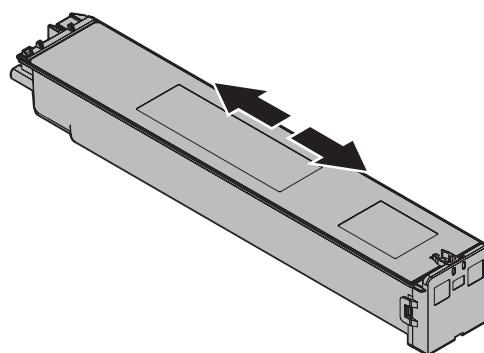
Important

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.

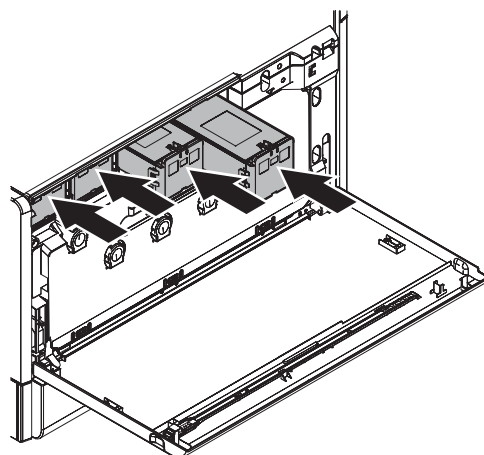
If executed Sim25-2, replace all of the developers with new ones and execute Sim25-2. If the machine have been used without replacing the new developer. It may be trouble related to the life performance.

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

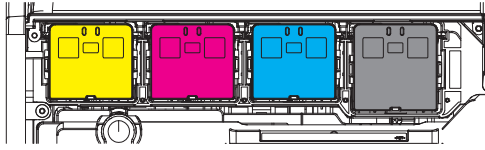
Do not forcibly insert the toner cartridge. Push it in until the cartridge is securely locked in place.

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)

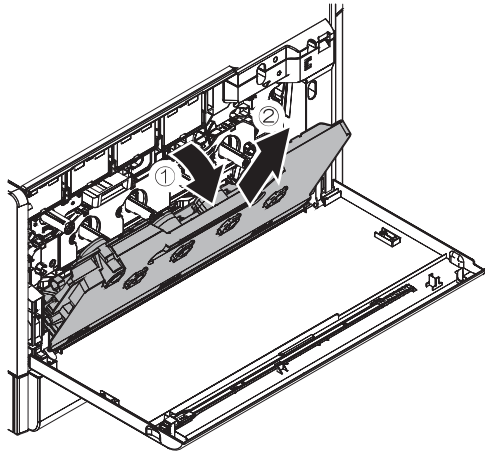
B. Cleaning

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

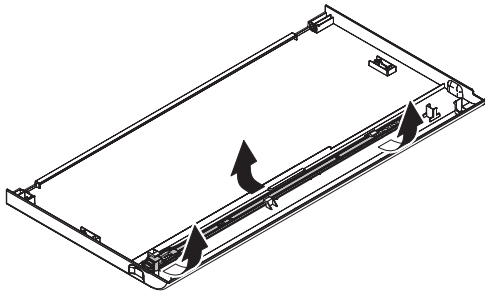
Important

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.

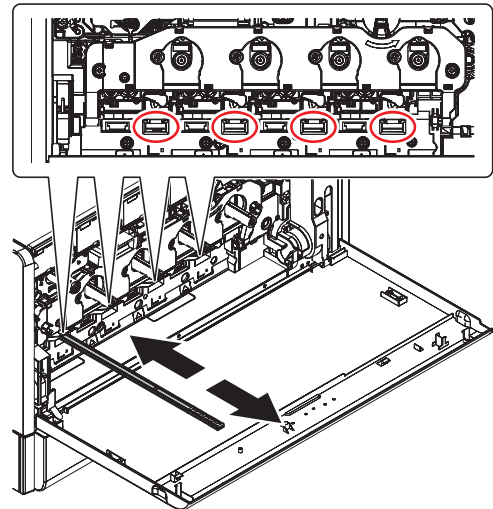
- 1) Remove the waste toner box.



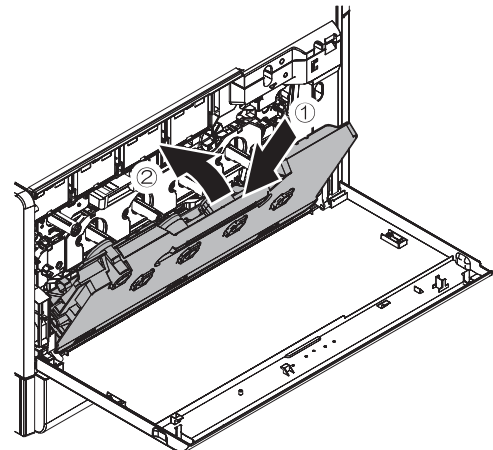
- 2) Detach the LSU cleaning bar from the front cover.



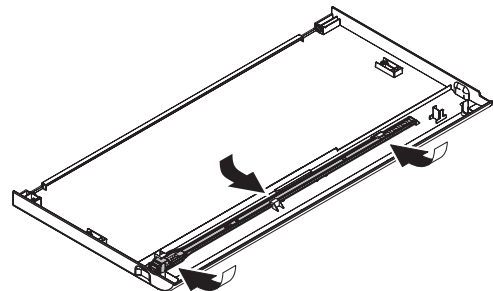
- 3) Turn the felt side of the cleaning bar downward and insert it. Slide it back and forth a few times to clean the LSU dust-proof glass.



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



- 5) Close the front cover.



C. Tray setup

(1) Paper feed tray setup

a. System setting

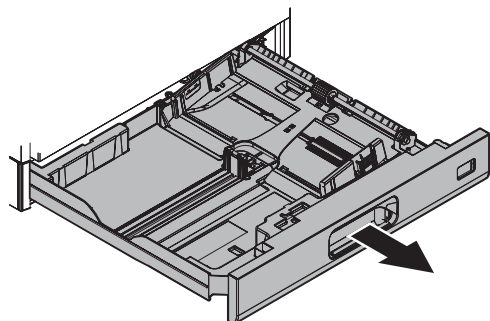
- 1) Press the [SETTINGS] key.
- 2) Touch the [Init. Install Settings] key.
- 3) Touch the [Password] key at the Administrator Login.
Enter the password with 10-key. "admin"
- 4) Touch the [Paper Tray Settings] key to configure the settings.
These settings specify the paper type, paper size, and functions allowed for each paper tray. When the [Tray Settings] key is touched, a list appears showing the trays and the current settings.
- 5) Touch the [Each tray] key in the above screen to change the settings.

The following settings can be configured.

Item	Description
Type	Select the type of paper that is loaded in the tray. The paper types that can be selected vary by paper tray.
Size	Select the paper size from the list. The paper sizes that can be selected vary by tray. The sizes that can be selected may also be restricted by the paper type selected above. If the desired size does not appear in the list, select [Custom Size] and directly enter the size (only for the bypass tray).
Feeding Approved Job	Select the modes that can be used. If there is a function that you do not wish to be used with the selected tray, disable the function. When the "Type" is other than plain paper, recycled paper, colored paper, or a user type, [Fax] and [Internet Fax] cannot be selected.

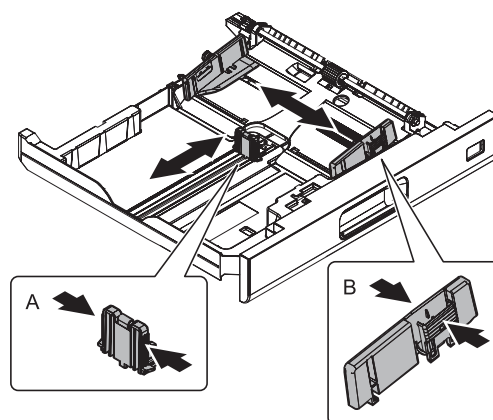
(2) Tray size setup

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



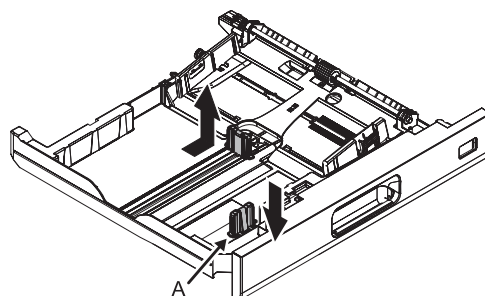
- 2) Adjust the guide plates A and B by squeezing their lock levers and sliding them to match the vertical and horizontal dimensions of the paper to be loaded.

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. Specifications setup

Use simulation 26-6 to set the machines 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	3 Used to set the auditor specification mode.
	5 Used to set the count mode of the total counter and the maintenance counter.
	18 Used to set YES/NO of the toner save mode (Only in UK and Japan versions) * For other destination versions, this setup is made by the user program.
	52 Used to set YES/NO of counting when non-print paper is passed through each counter.

3. Image quality check

A. Execution items

Execute the following items.

No.	Item	SIM
1	Print engine image distortion adjustment (Manual adjustment) / 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
4	Copy/Printer color balance adjustment (Automatic adjustment)	46-74
5	Print/scan image off-center, lead edge position adjustment	50-10

B. Description

(1) Print engine image distortion adjustment (Manual adjustment) / OPC drum phase adjustment (Automatic adjustment) / Color registration adjustment (Automatic adjustment)

This adjustment performs the print engine image distortion adjustment, the OPC drum phase adjustment, and the color registration adjustment simultaneously.

- 1) Enter SIM50-22 mode.
- 2) Press [EXECUTE] key.

[EXECUTE] key is highlighted and the image registration automatic adjustment is started. (It takes about 30 sec to complete the adjustment.)

- 3) When the adjustment is completed, [EXECUTE] key returns to the normal display, and the value of the adjustment result is displayed.

The current skew level for each color is displayed on the SKEW display section.

AUTO ADJUSTMENT OF REGISTRATION AND DRUM POSITION					
	MAIN.F	MAIN.R	SUB	SKEW	PHASE
C	102.5(+ 2.5)	102.5(+ 2.5)	102.5(+ 2.5)	L 5.5(NG)	8(1)
M	115.5(+ 15.5)	115.5(+ 15.5)	115.5(+ 15.5)	R 2.5(NG)	
Y	130.8(+ 30.8)	130.8(+ 30.8)	130.8(+ 30.8)	R 1.5(OK)	
ALL ROTATE R 1.5					
EXECUTE					

- 4) Write down the displayed skew level.
(Meaning of the skew level value and the adjustment procedure)
 - * If "OK" is displayed for all items of SKEW C, M, and Y, there is no need to perform the adjustment.
 - * When "R" is displayed at the head of the value, turn the LSU skew adjustment screw clockwise.
 - * When "L" is displayed at the head of the value, turn the LSU skew adjustment screw counterclockwise.
 - * The turning amount of the adjustment screw corresponds to each adjustment value. C, M, and Y indicate numbers of clicks. The display value is rounded at the decimal point.
 - * "C, M, and Y(SKEW)" shows the number of adjustment click steps for each adjustment screw of C, M, and Y.

Contents in ()

MIAN, SUB: Difference from the previous adjustment value of image registration.

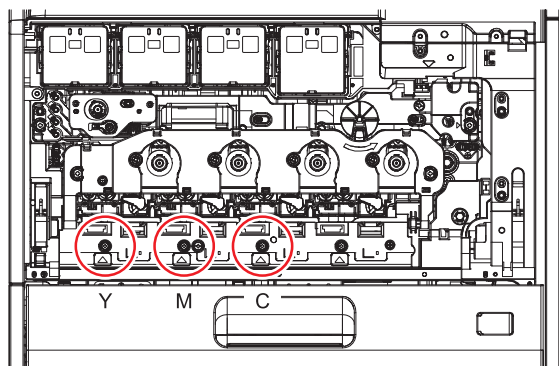
Example:

If 105 for this time and 103 for the previous time, it is displayed as 105.0 (+2.0).

SKEW: Judgment of the LSU skew adjustment result. OK or NG.
PHASE: OPC drum phase adjustment value of the previous time

- 5) The procedures 2) to 4) again, and check to confirm that C, M, and Y (SKEW) are OK.

If any of them is NG, turn the LSU skew adjustment screw of the corresponding color to adjust.



Important

When the adjustment is made by turning the LSU skew adjustment screw of K, the states of C, M and Y (SKEW) are changed. Execute SIM50-22 to check to confirm that C, M, and Y (SKEW) are OK.

When an abnormality occurs, "ERROR" is displayed.

In this case, check each drive section and the process section.

(2) Copy color balance and density check

Method

Make a copy of the gray test chart (UKOG-0162FCZZ) and a copy of the servicing color test chart (UKOG-0326FCZZ/UKOG-0326FC11), and check that they are proper.

- a. Note for execution of the color balance and density check in the color copy mode

To check the copy color balance and density, use the gray test chart (UKOG-0162FCZZ) and the servicing color test chart (UKOG-0326FCZZ/UKOG-0326FC11). Set the copy density level to "3" in the Text/Printed Photo mode (Manual), and make a copy.

At that time, all the color balance adjustments in the user adjustment mode must be set to the default (center).

In addition, be sure to use the specified paper for color.

- b. Note for checking the monochrome copy mode density

To check the density, use the gray test chart (UKOG-0162FCZZ). Set the copy density level to "Manual 3" in the Text/Printed Photo mode (Manual).

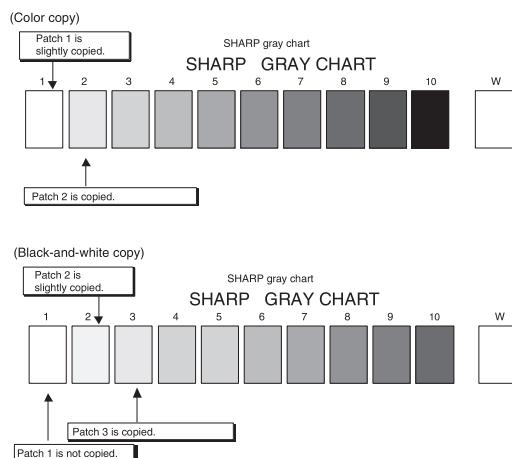
In addition, all the color balance adjustments in the user adjustment mode must be set to the default (center).

[Check with the gray test chart (UKOG-0162FCZZ)]

In the copy density check with the gray test chart, check to insure the following conditions.



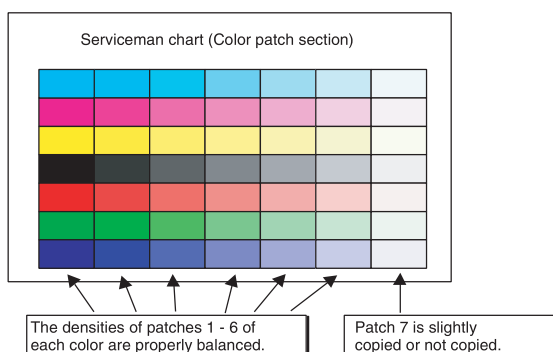
For the color (gray) balance, use the servicing color test chart (UKOG-0326FCZZ/UKOG-0326FC11) to check.



[Check with the servicing color test chart (UKOG-0326FCZZ/UKOG-0326FC11)]

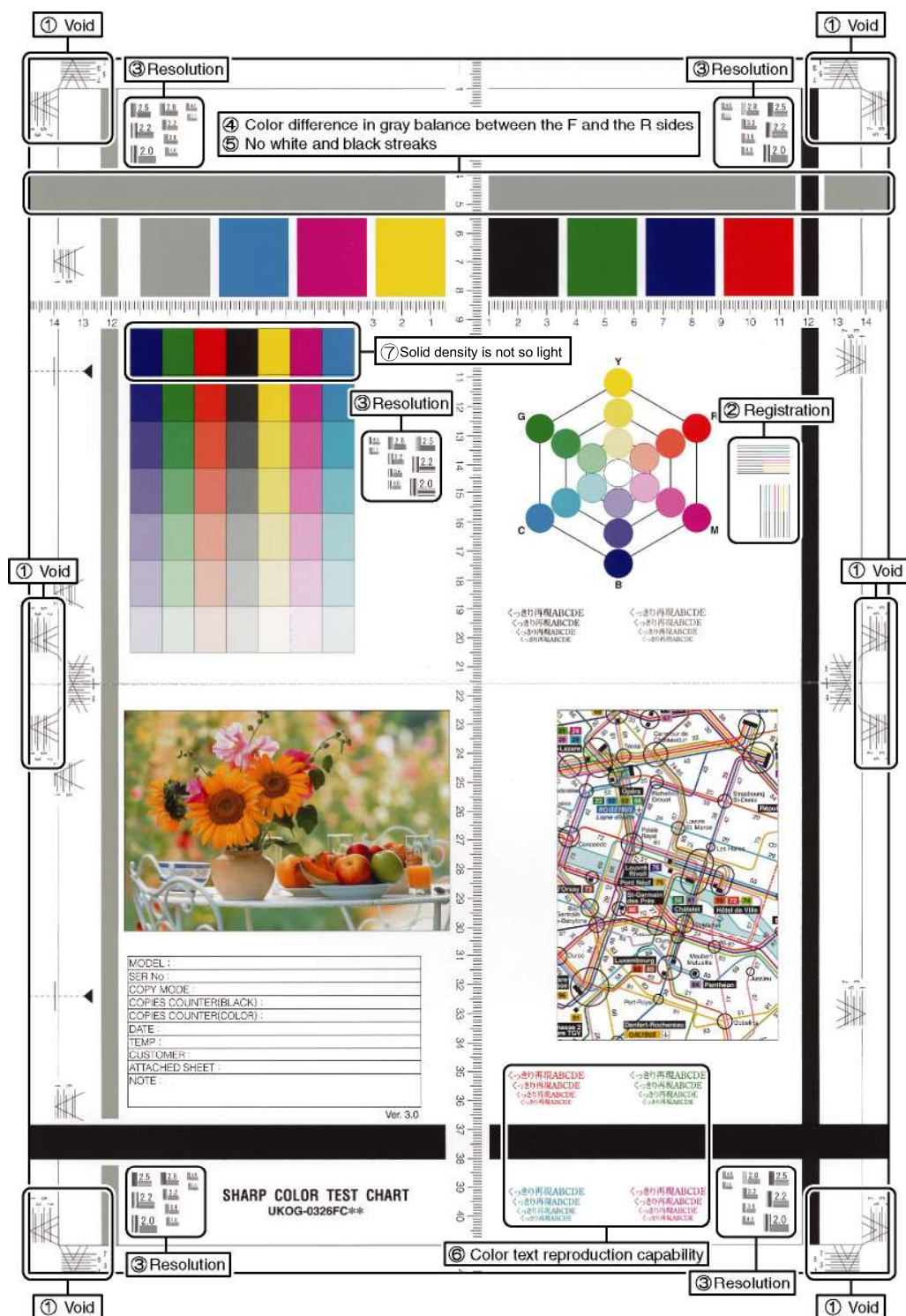
In the copy color balance check with the servicing color test chart, check to insure the following conditions.

(Color copy)



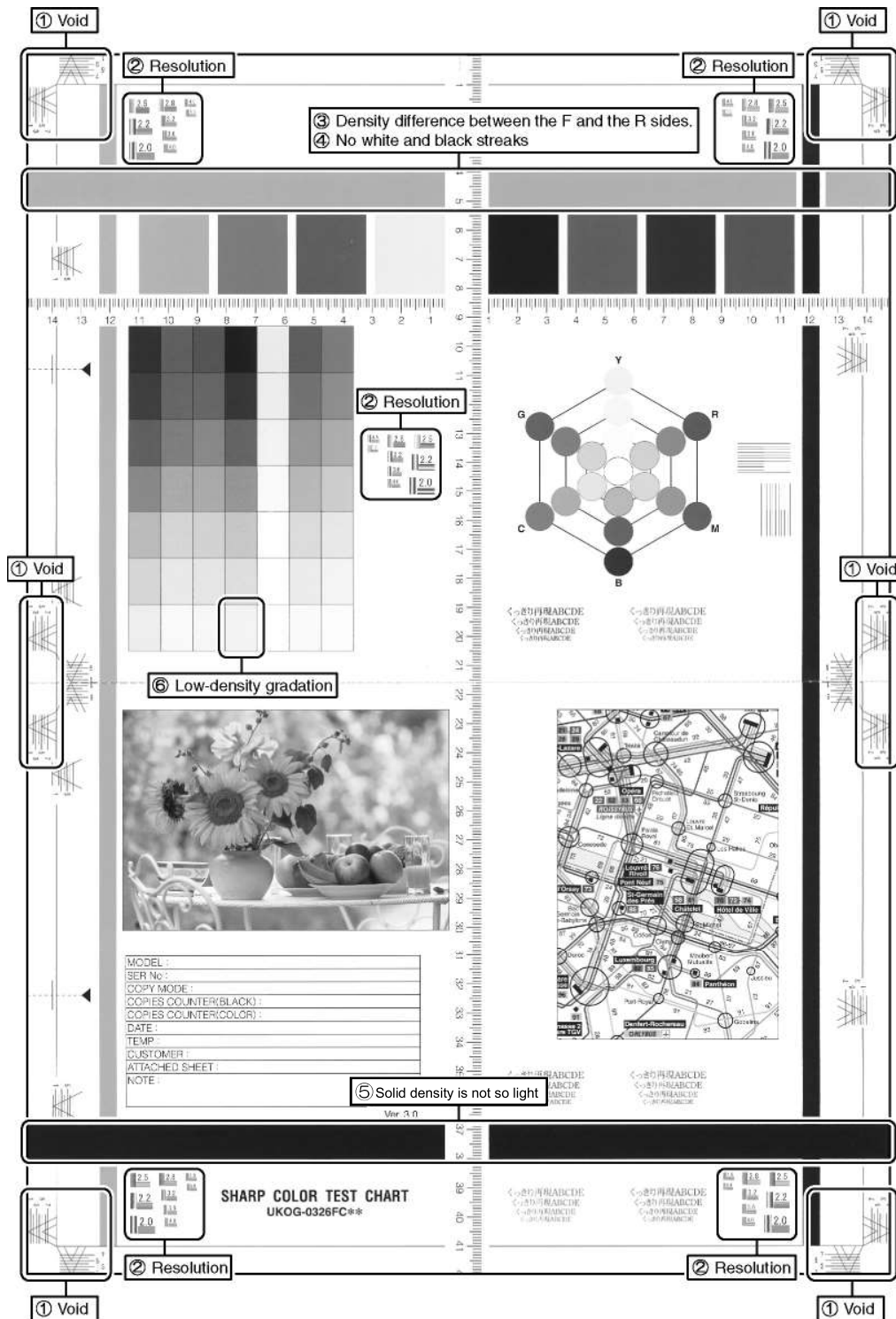
- 1) There are 12 void areas.
- 2) Registrations (one point for the main scanning, and one point for the sub scanning) are not shifted.
- 3) The resolution of 5,0 (5 points) can be seen.

- 4) The color difference in gray balance between the F and the R sides is not so great.
- 5) There are no white and black streaks.
- 6) Color texts are clearly reproduced.
- 7) Solid density is not so light.



b. Monochrome copy check items (Check to confirm the following:)

- 1) There are 12 void areas.
- 2) The resolution of 4.0 (5 points) can be seen.
- 3) The density difference between the F and the R sides is not so great.
- 4) There are no white and black streaks.
- 5) Solid density is not so light.
- 6) The black low-density gradation is copied slightly.



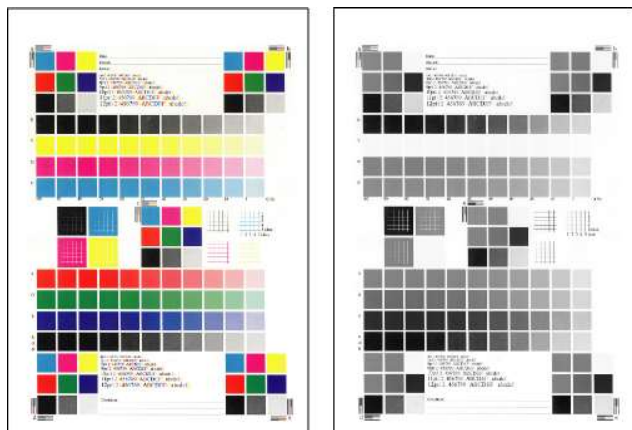
(3) Printer color balance/density check

Method

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

Important

Set each set value to the default and press [EXECUTE] key. The print test pattern is printed.



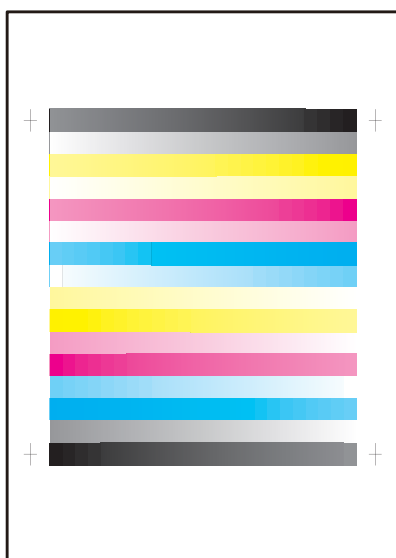
The print density must be changed gradually from the lighter level to the darker level. The density changing direction must not be reversed. The density level of each color must be almost at the same level.

(4) Copy/Printer color balance and density adjustment (Automatic adjustment)

Important

When a printer option is installed, be sure to execute the above item.

- 1) Enter the SIM46-74 mode.
- 2) Press [EXECUTE] key.
The high density process control is performed, and the copy color patch image (adjustment pattern) is printed out. (A4/11" x 8.5" or A3/11" x 17" paper is automatically selected.)
- 3) Set the color patch image (adjustment pattern) paper printed in procedure 2) on the document table.
Set the color patch image (adjustment pattern) printed in the procedure 2) on the document table. Place the color patch image so that the fine lines are on the left side. At that time, place 5 sheets of white paper on the printed color patch image (adjustment pattern).

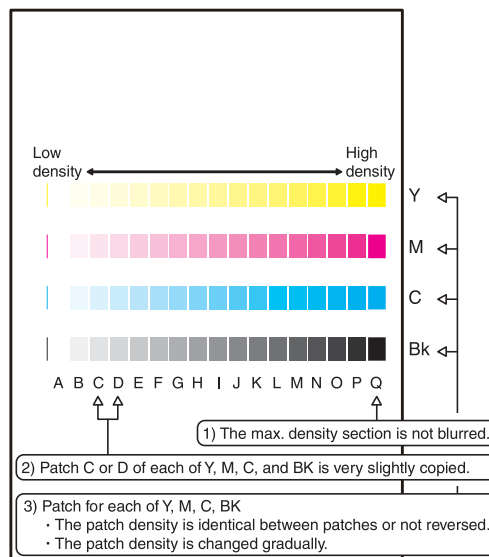


- 4) Select [FACTORY] target, and press [EXECUTE] key.

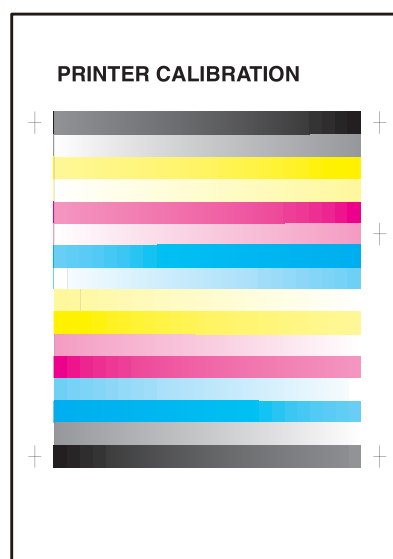
When the color balance is customized by the manual color balance adjustment (SIM 46-21) according to the user's request, and the color balance is registered with SIM63-7 as the service target, if the color balance is required to be adjusted, select the [SERVICE] target.

The copy color balance adjustment is automatically executed and prints the color balance check patch image.

If there is any streak or unclear print on the printed check pattern, check the print engine for any problems.



- 5) Press [EXECUTE] key.
The printer color patch image (adjustment pattern) is printed out. (A4/11" x 8.5" or A3/11" x 17" paper is automatically selected.)
- 6) Set the color patch image (adjustment pattern) printed in the procedure 5) on the document table.
Set the color patch image (adjustment pattern) printed in the procedure 2) on the document table. Place the color patch image so that the fine lines are on the left side. At that time, place 5 sheets of white paper on the printed color patch image (adjustment pattern).

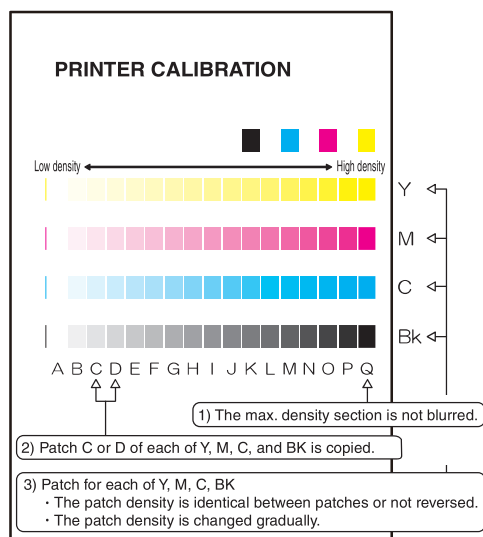


- 7) Select [FACTORY] target, and press [EXECUTE] key.

When the color balance is customized with the manual color balance adjustment (SIM 67-25) according to the user's request and the color balance is registered as the service target with SIM 67-27, if the color balance is adjusted to that color balance, select the [SERVICE] target.

The printer color balance adjustment (step 1) is automatically performed and the color balance check patch image is printed out.

If there is any streak or unclear print on the printed check pattern, check the print engine for any problems.



- 8) The initial setting menu of the half-tone image correction is displayed. Press [OK] key.
The initial setting of the half-tone image correction is performed.
- 9) Wait until [EXECUTE] key is displayed. When it is displayed, press it.
The half-tone image correction is performed.
- 10) When "COMPLETED THIS PROCEDURE" is displayed, the adjustment operation is completed.
Cancel SIM46-74.

Important

The adjustment result becomes valid only when the both adjustments in the copy mode and in the printer mode are completed.

For example, if the copy color balance adjustment (automatic adjustment) is performed and the simulation is canceled, the adjustment result is invalid.

- 11) Check the copy color balance and density.
(Refer to the item of the copy color balance and density check.)
- 12) Check the printer color balance and density.
(Refer to the item of the printer color balance and density check.)

If the color balance or density is not in the satisfactory level even after execution of the automatic and manual adjustments, there may be another cause.

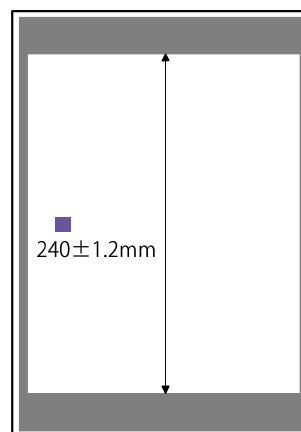
Troubleshoot the cause, repair or perform necessary works, and repeat the adjustment from the beginning.

If color balance or density is not satisfied, adjust the copy and printer color balance by SIM 46-74.

(5) 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 ± 1.2 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.

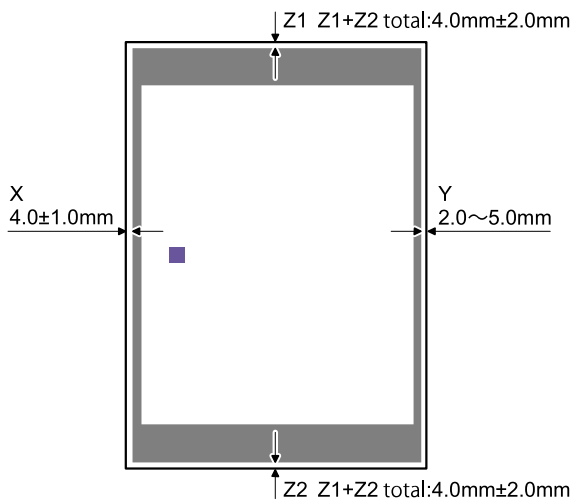
b. Print image position adjustment (Main scanning direction, sub scanning direction)

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±1.0mm
Y	Void area on trail edge	2.0mm to 5.0mm
Z1 /Z2	Void area on front / rear	Total 4.0±2.0mm

*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.

	Item	Target tray
Print position toward main scanning direction	MAIN-MFT	Manual feed tray
	MAIN-CS1	Tray 1
	MAIN-CS2	Tray 2
	MAIN-CS3	Tray 3
	MAIN-CS4	Tray 4
	MAIN-ADU	Side-2 for duplex printing
Print position toward sub scanning direction	SUB-MFT	Manual feed tray
	SUB-CS1	Tray 1
	SUB-CS2	Tray 2
	SUB-CS3	Tray 3
	SUB-CS4	Tray 4
	SUB-ADU	Side-2 for duplex printing
main scanning direction	MAIN-STD	All trays
Print position toward sub scanning direction	SUB-STD	All trays

Note

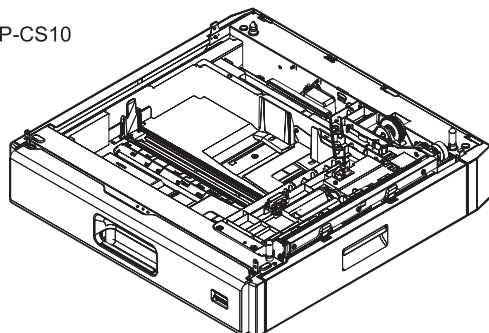
The setting items "2: MAIN-STD" and "3: SUB-STD" are to change all print positions. Execute them if adjustment of all trays is necessary after replacement of LSU etc.

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

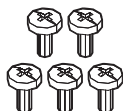
1. Unpacking

A. Packed items check

BP-CS10



1

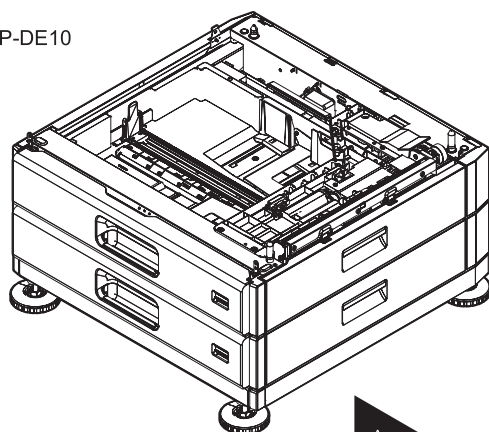


2

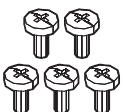


3

BP-DE10



4



5

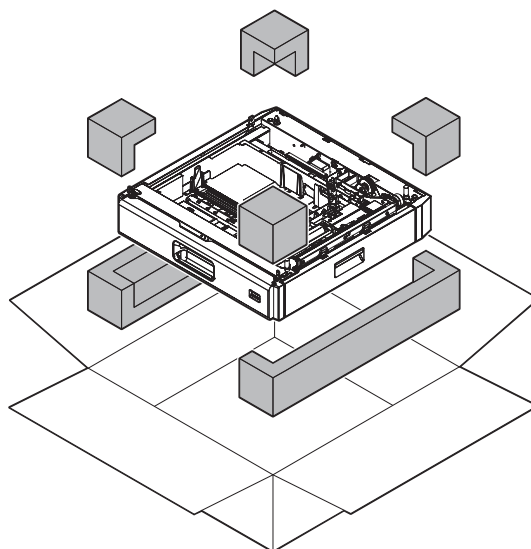


6

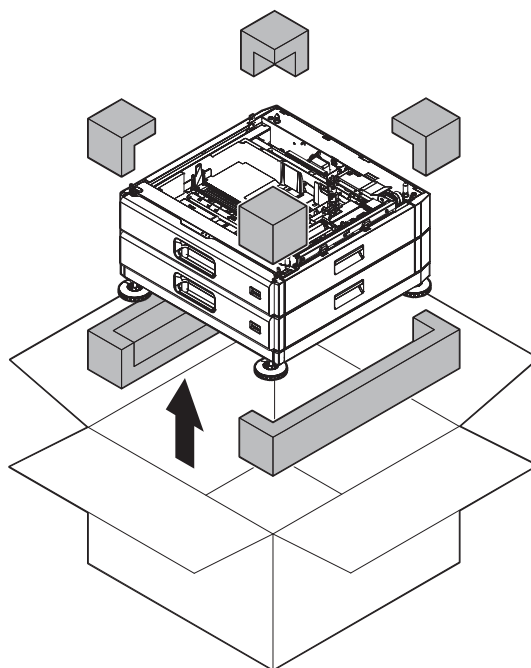
No.	Name	Quantity
1	Saddle	1
2	Fixing screws (M4x8)	5
3	Size indication label	1
4	Edge holder	1
5	Fixing screws (M4x8)	5
6	Size indication label	2

B. Removal of the fixing tape and protection material

1) Removal of the 500 sheet paper feed tray

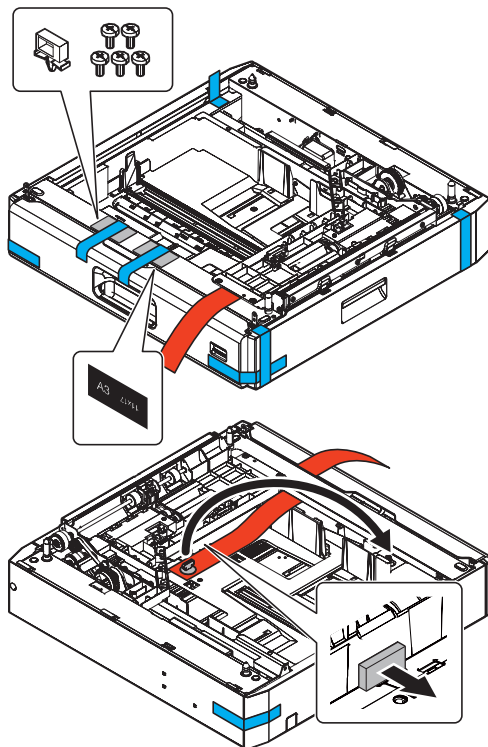


2) Removal of the stand/2x500 sheet paper drawer



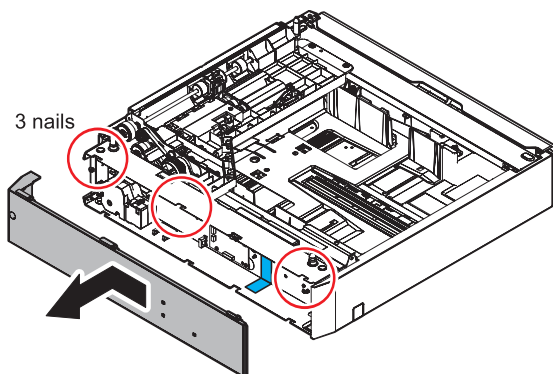
C. Removal of the fixing tape and protection material

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

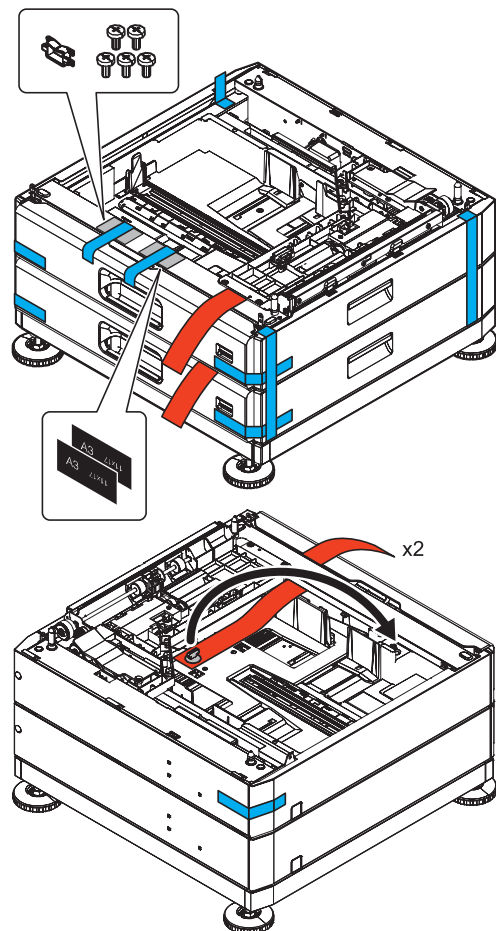


Important

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

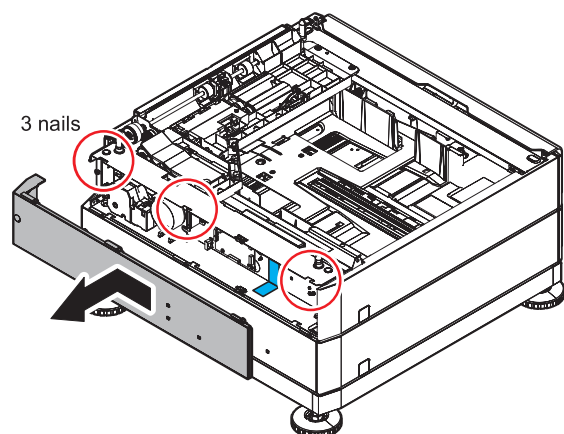


- 2) Remove the stand/2x500 sheet paper drawer from the polyethylene bag, and remove the fixing tape and the protection material.



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.

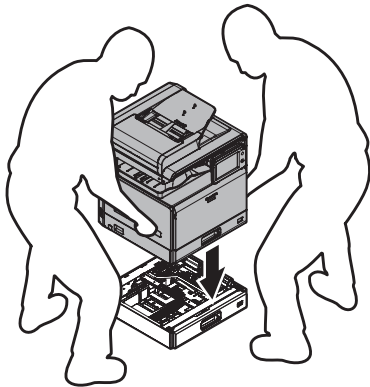
A. Turn off the power of the main unit

- 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

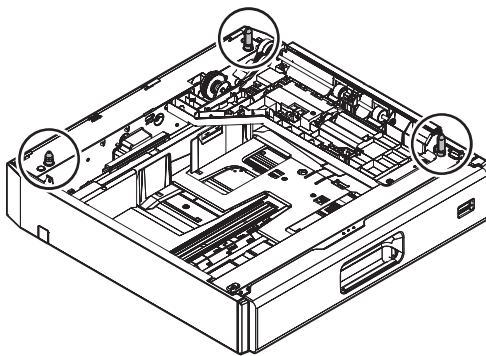
Important

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.

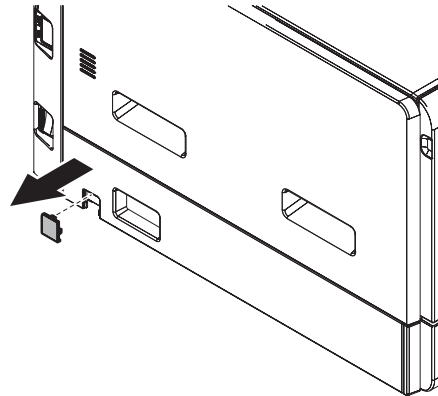


Note

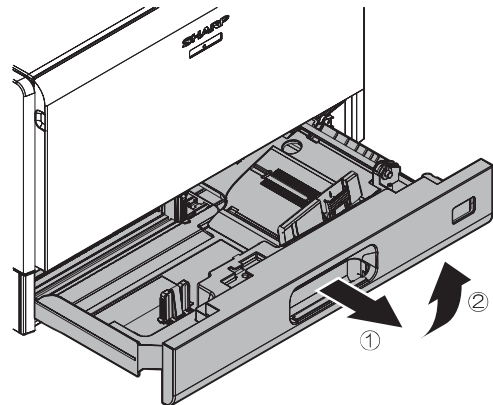
- When connecting the BP-DE10, connect the BP-CS10 and then place the main unit.

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

- 1) Remove the cover on the left rear.

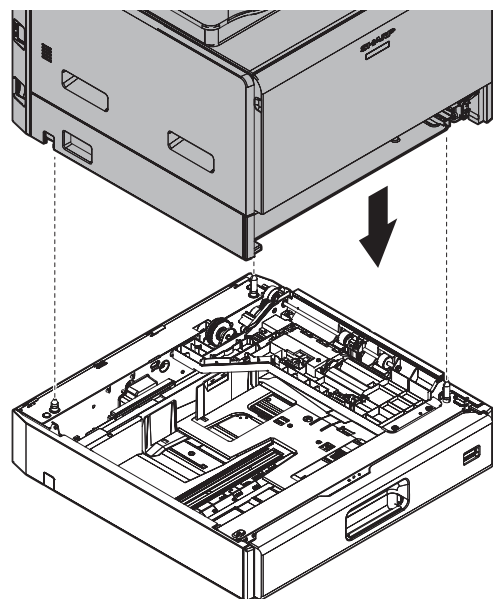


- 2) Remove the tray of the main unit.

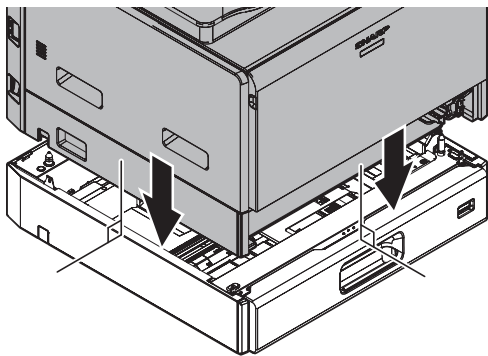


- 3) Place the main unit in BP-CS10.
Pay attention to the position of the boss which is the connection part of BP-CS10.

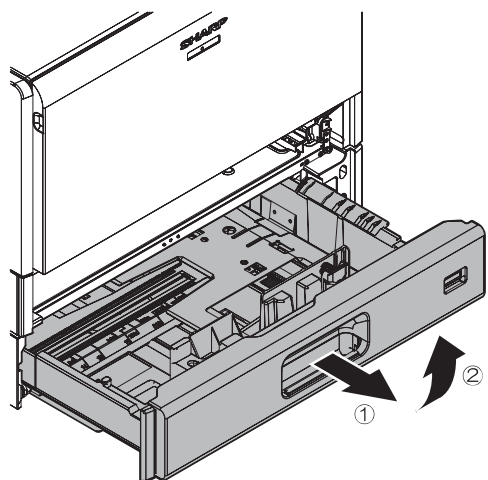
* BP-DE10 can not be attached to the main unit.



Lower the main body straight.

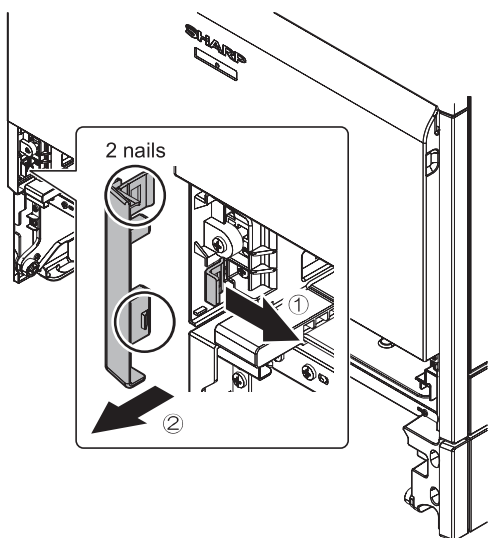


- 4) Pull out the tray of BP-CS10.

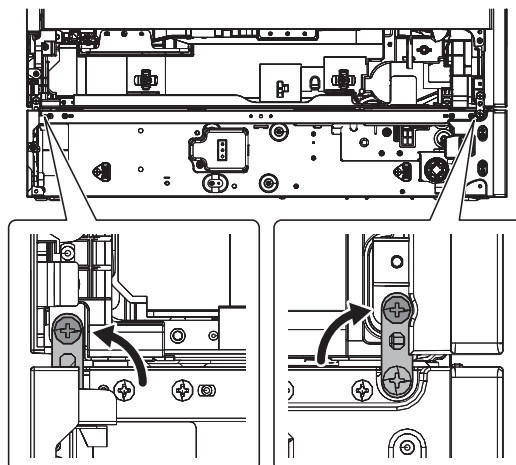


- 5) Remove the Left cabinet lower.

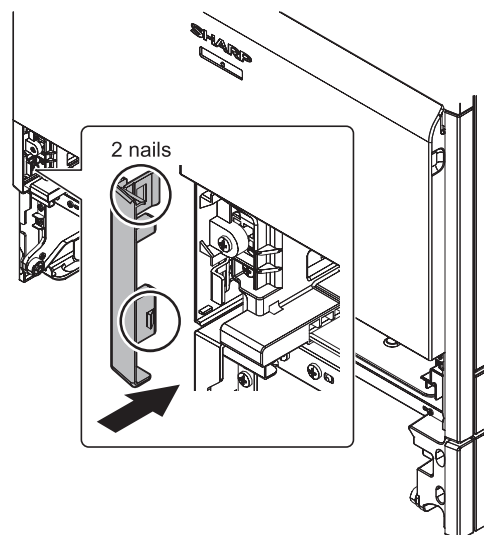
*Tilt the lever to the right and remove it to the front side.



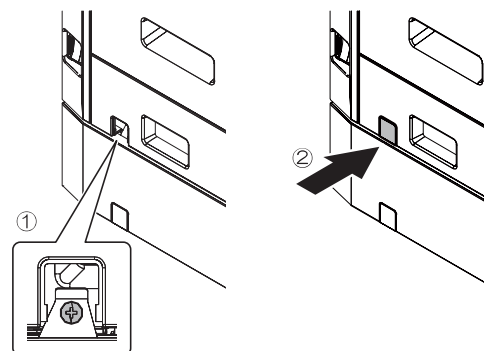
- 6) Align the left and right connecting plates with the screw holes on the body and fasten them with screws.



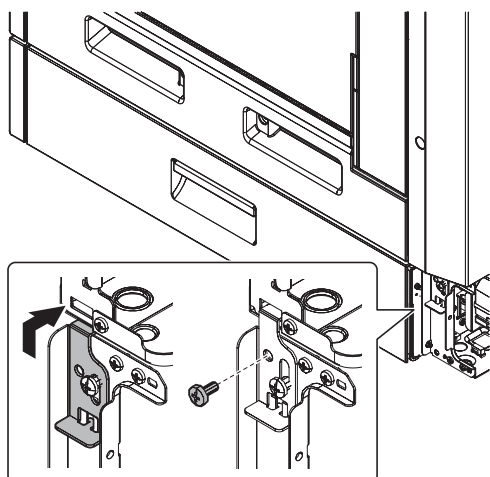
- 7) Attach the Left cabinet lower.



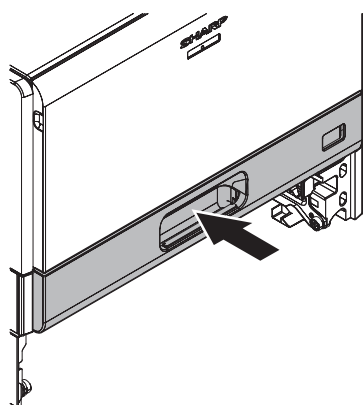
- 8) Fix with screws and attach the cover.



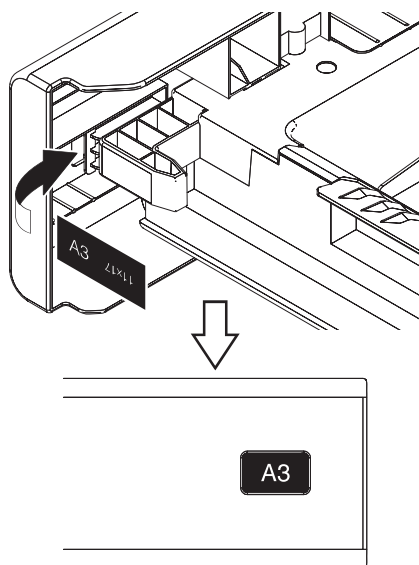
- 9) Slide the lever on the right rearward in the upward direction and hook it on the main frame and fasten it with screws.



- 10) Return the tray to the main unit.

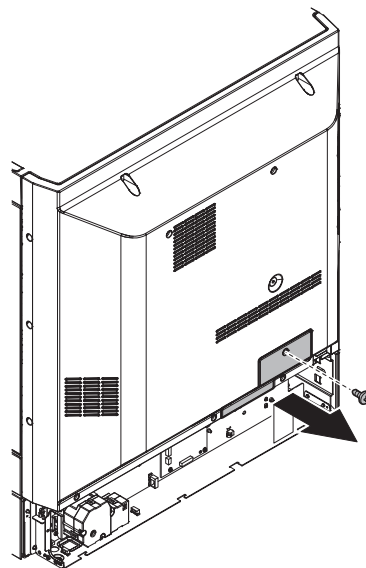


- 11) Attach the size display sheet to the tray and return the tray to the BP-CS10.

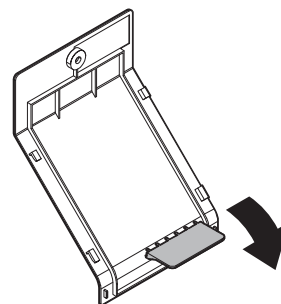


(2) Harness connection to the main unit

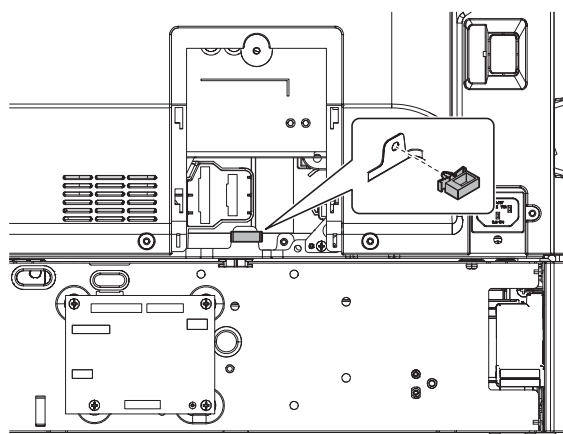
- 1) Remove the screw and slide the rear cabinet lower upward to remove it.



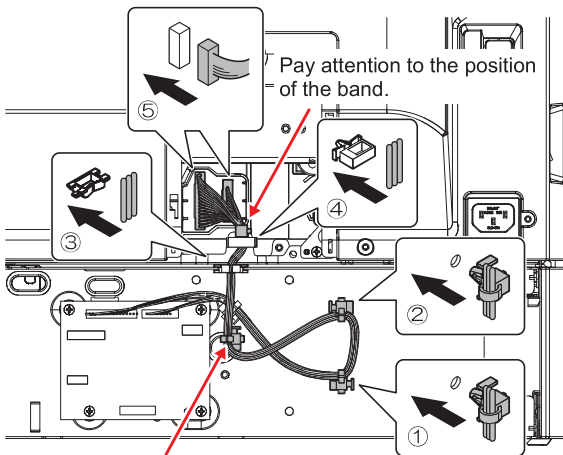
- 2) Bend the rib of the rear cabinet lower and remove it.



- 3) Attach the saddle to the main frame.



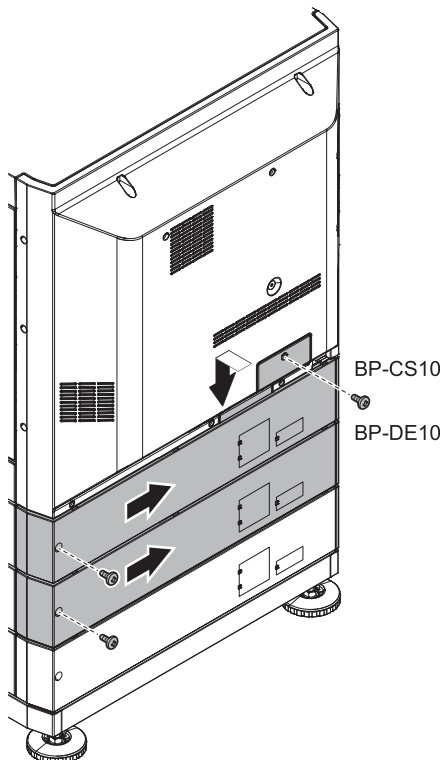
- 4) Put the snap band in the hole.
Pass the harness through the edge saddle and the saddle.
Connect the connector to the relay connector.



This reuse band is not inserted.

(3) Mounting the cabinet and cover

- 1) Slide the main unit rear cabinet lower 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.



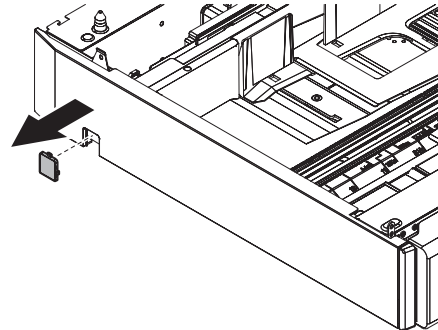
- 3) After installing the tray, make adjustments referring to Page 2-15 (5) b. 5).

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

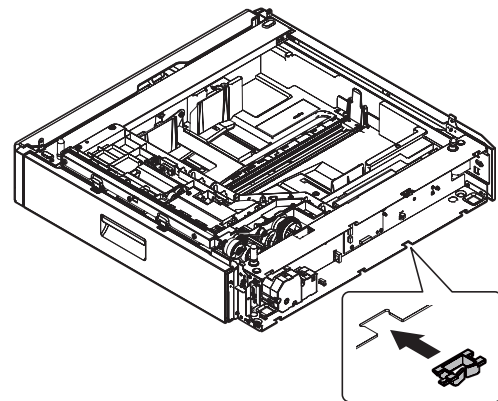
Note

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

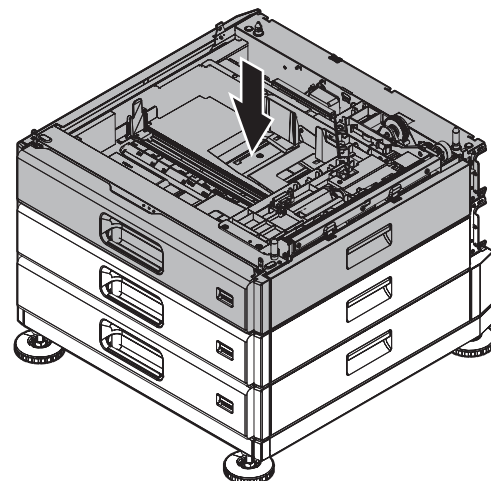
- 1) Remove the cover at the rear of the left side of BP-CS10.



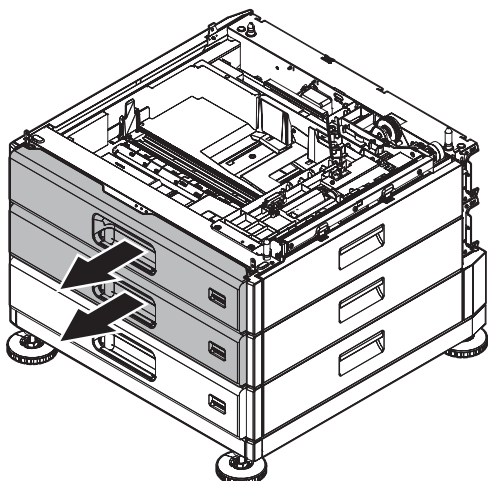
- 2) Attach the edge saddle included in BP-DE10 to BP-CS10.



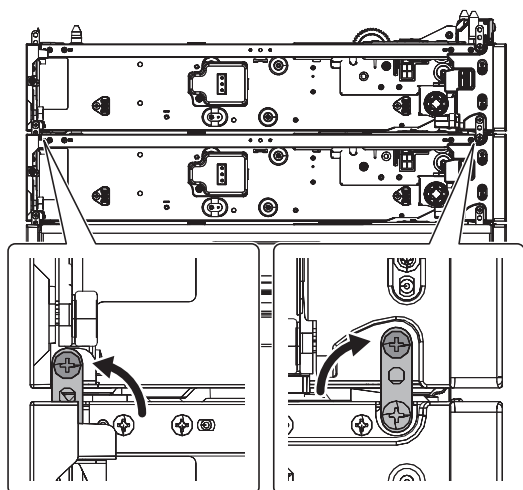
- 3) Place BP-CS10 on BP-DE10.



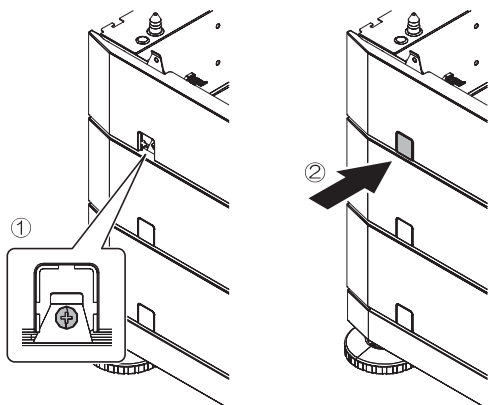
- 4) Remove BP-CS tray and BP-DE10 upper tray.



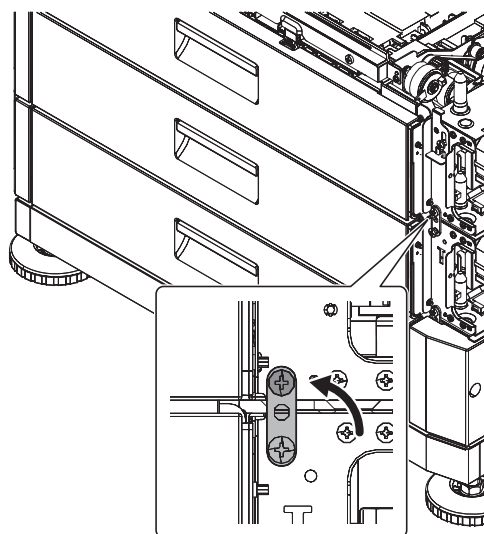
- 5) Align the connecting plate on the left side and the right side with the screw hole and screw it.



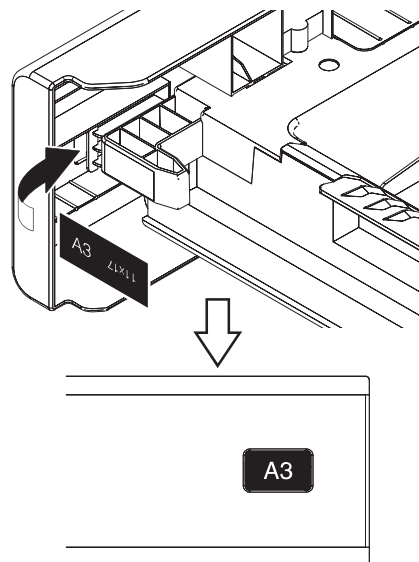
- 6) Fix the BP-CS10 and the main unit with screws. Attach the cover again.



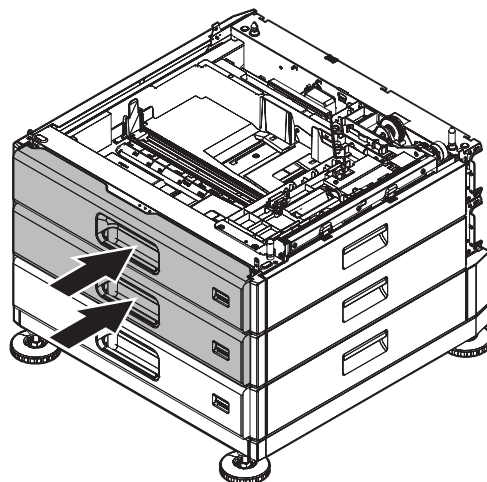
- 7) Fix the connection plate attached to BP-DE10 to the screw hole of BP-CS10 and fix it with screws.



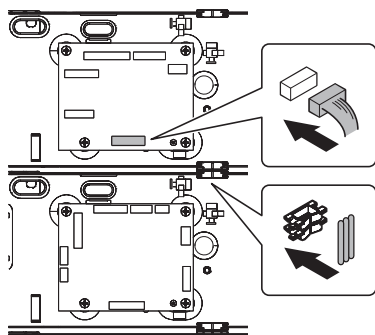
- 8) Attach the size display sheet to the BP-DE10 trays.



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



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

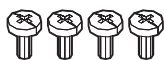
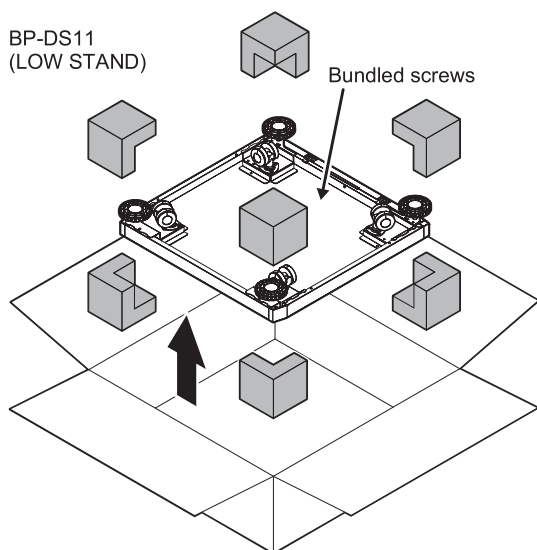
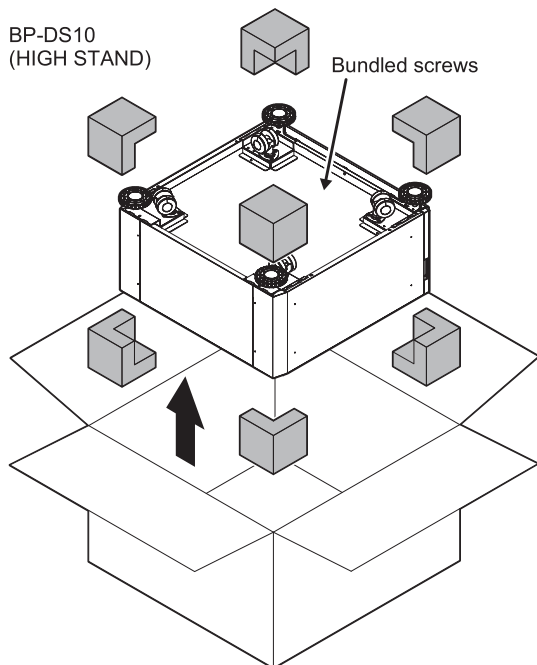


- 11) Install the rear cabinet of BP-CS10 and BP-DE10.
- 12) After installing the desk, make adjustments referring to Page 2-15 (5) b. 5).

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

1. Unpacking

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

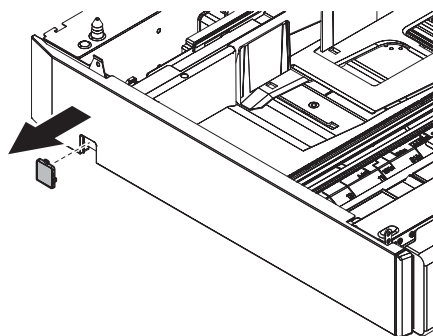


1

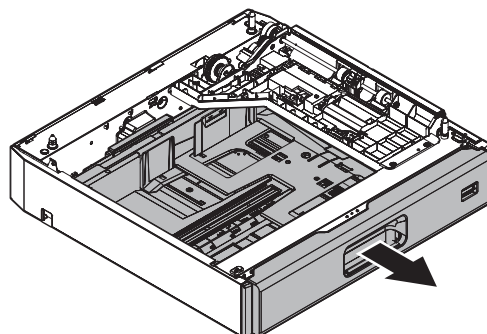
No.	Name	Quantity	
		BP-DS10	BP-DS11
1	Fixing screw (S-tight M4x8)	4	4

2. Installation

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

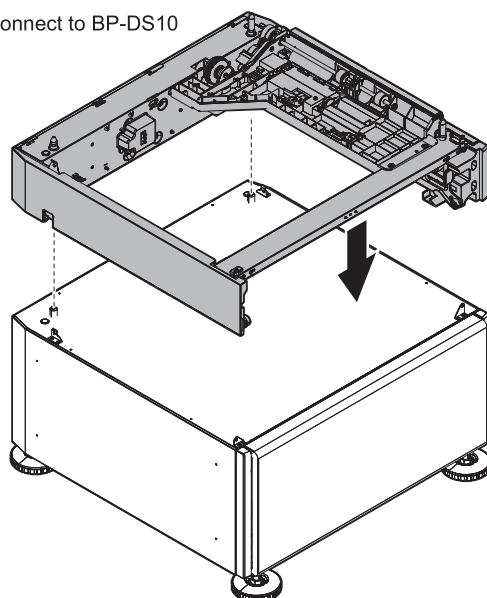


- 2) Remove the tray of the BP-CS10.

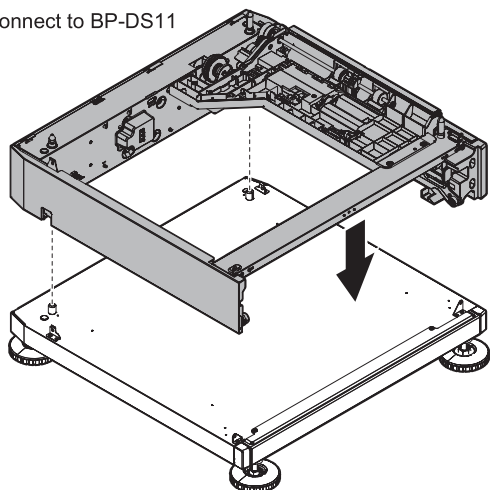


- 3) Put the BP-CS10 on the Stand.
Fit the positioning pins of the Stand (2 places) with the positioning holes of the BP-CS10.

Connect to BP-DS10

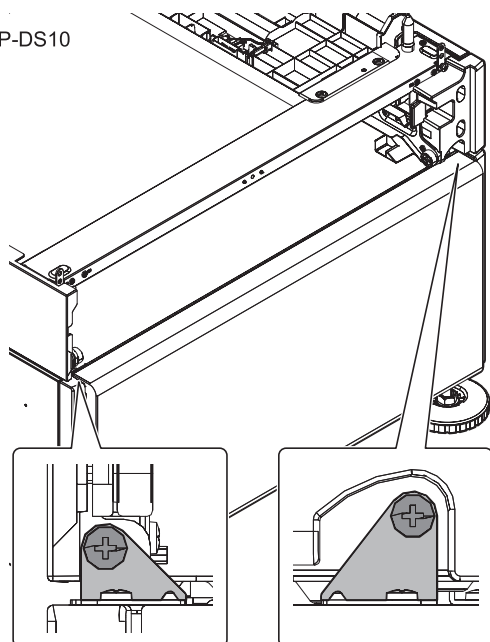


Connect to BP-DS11

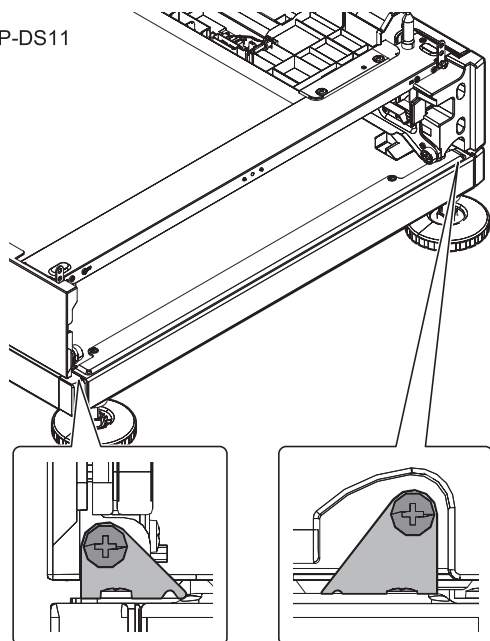


- 4) Fix the Stand with the BP-CS10 by the Fixing screw.

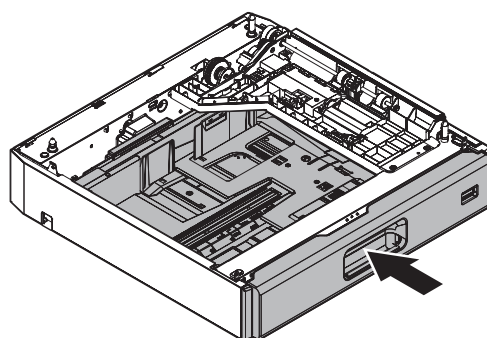
BP-DS10



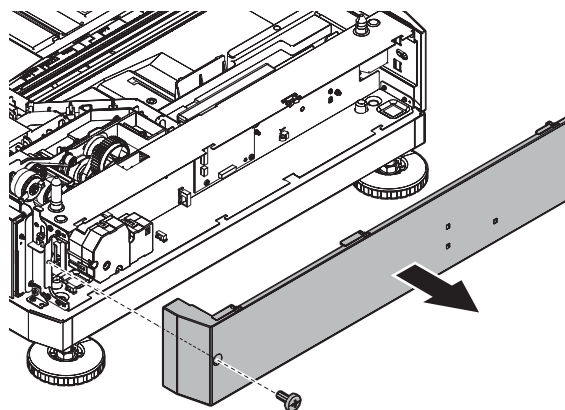
BP-DS11



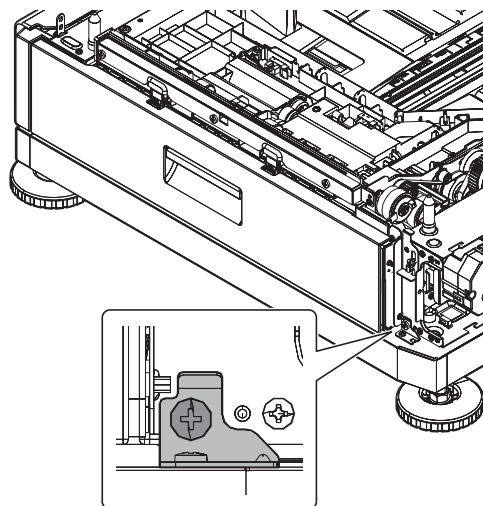
- 5) Fix the tray of BP-CS10.

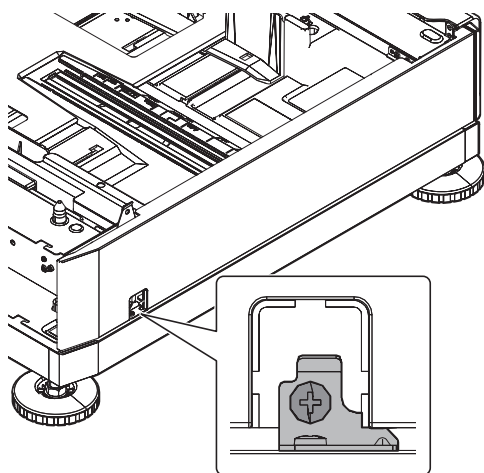


- 6) Remove the rear cover of the BP-CS10.

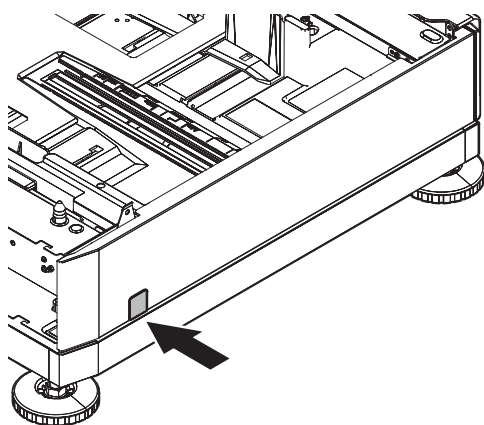


- 7) Fix the Stand with the BP-CS10 by the Fixing screw.





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



9) Connect with the main unit.