

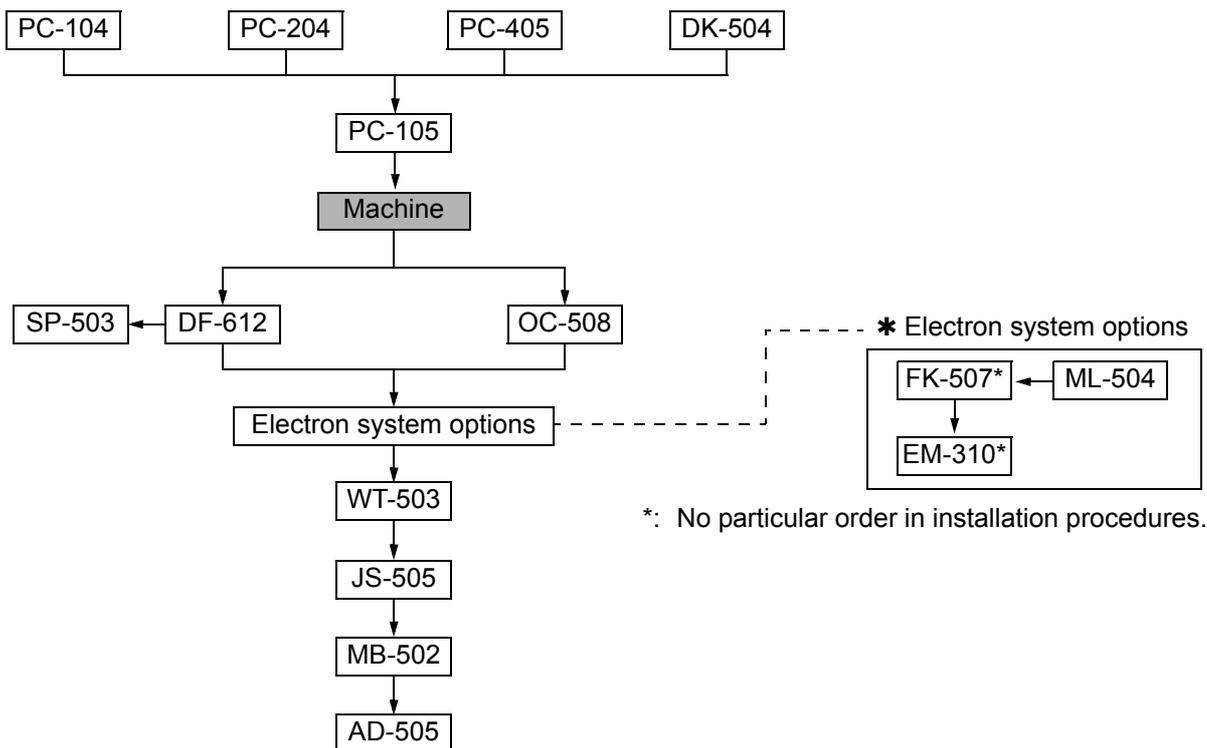
# d-Color MF201 INSTALLATION MANUAL

Applied Machine: **d-Color MF201**

## <Important>

**Be sure to correctly follow the procedures in order as explained in this installation manual. If you do not follow the procedure in order, the image trouble may occur.**

### I. Outline of installation procedures

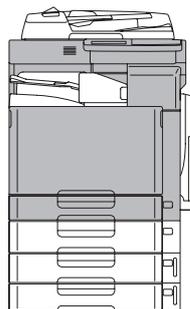


\*: No particular order in installation procedures.

When installing the machine and associated options as a system, follow the order shown on the upper.

#### Note:

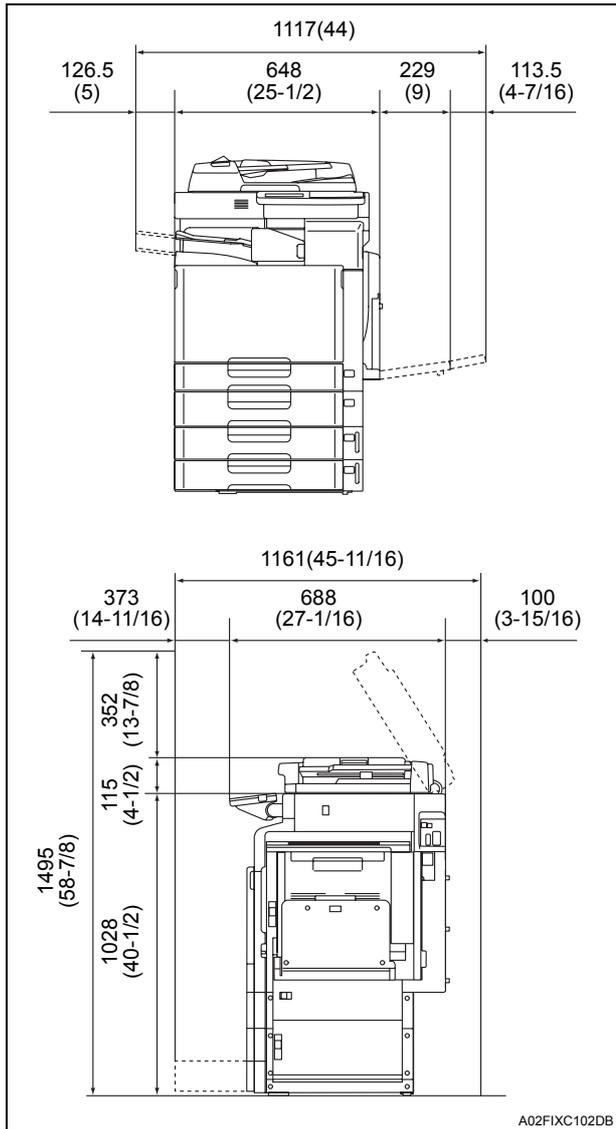
- For the detailed installation procedures for each option, follow the instructions given in the corresponding installation manual and perform the procedures correctly. (Optional devices must be installed after completing the main body installation.)
- When placing the machine on the floor, make sure to use the paper feed cabinet or the desk to secure the performance and the quality of the product.
- Once the Power Switch is turned ON, do not turn OFF it until the installation work has been completed.
- Lifting the machine in an awkward position or transporting it in a poorly balanced position could result in personal injury. When transporting the machine, assign an adequate number of persons to the job and ensure that each person can take a good position of not being excessively loaded.  
(mass: approx. 68 kg (149-15/16 lb))



A02FIXC101DA

## II. Installation space (unit: mm (inch))

d-Color MF201 + DF-612 + MB-502 + PC-105  
+ PC-405



## III. Pre-installation check items

1. Select a level and stable place for installing the machine.
2. Be sure to use a power source of the voltage and frequency indicated in the product specifications. Ensure that the current carrying capacity of the power outlet is at least equal to the current listed in the product specifications.
3. Power the machine directly from a dedicated power outlet. (Do not use an extension cord.)
4. Do not plug or unplug the power cord with wet or dirty hands, otherwise you may get an electric shock.
5. Avoid a hot and humid environment, or a place exposed to direct sunlight.
6. Avoid a dusty location, or a place near volatile and flammable substances.
7. Avoid a poorly ventilated place.

## IV. Accessory parts

No.	Name	Q'ty
1.	Imaging unit (IU): Y,M,C,K	4
2.	User's guide holder	1
3.	Quick guide (Copy/Fax/Scan/Box operations) *	1
4.	Installation manual	1 set
5.	User's guide CD *	1
6.	CD-ROM *	1 set
7.	Label (Legal restrictions on copying) *	1
8.	Cap	1
9.	Power cord *	1
10.	Power cord instruction *	1
11.	Connector cover *	1
12.	Cord clamp A *	1
13.	Cord clamp B	1
14.	Cover (When the paper feed cabinet is not mounted)	 A02FIXC052DA 1
15.	Screw * (3 × 8 mm)	 A090IXC001DA 2

\* Varies depending on the applicable marketing area.

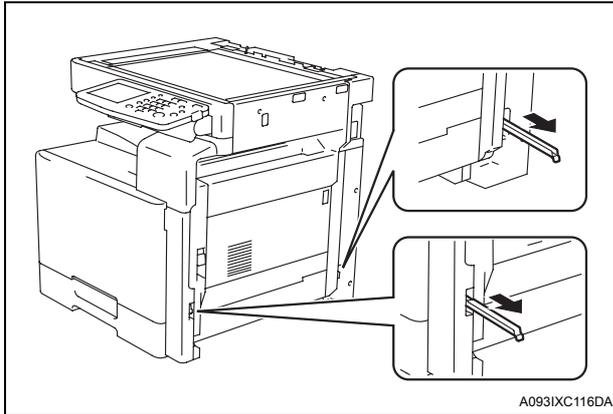
## WARNING

After unpacking, be sure to get rid of the packaging materials and keep them out of the reach of children.

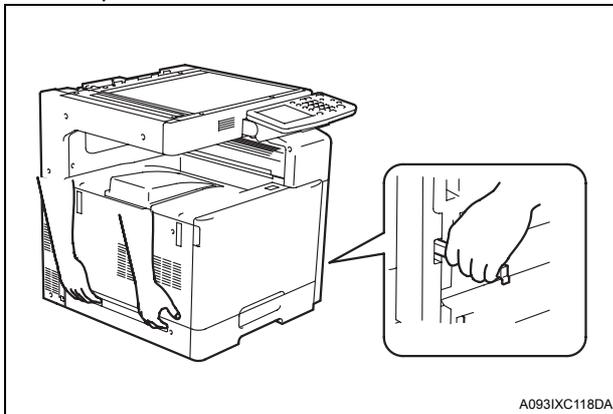
Putting the head in the plastic bag involves danger of suffocation.

## V. Removing the machine

1. Open the shipping carton and remove the IU carton and machine carton.
2. Pull out the handles.



3. Holding onto the portions shown in the illustration, remove the machine while maintaining a level position.

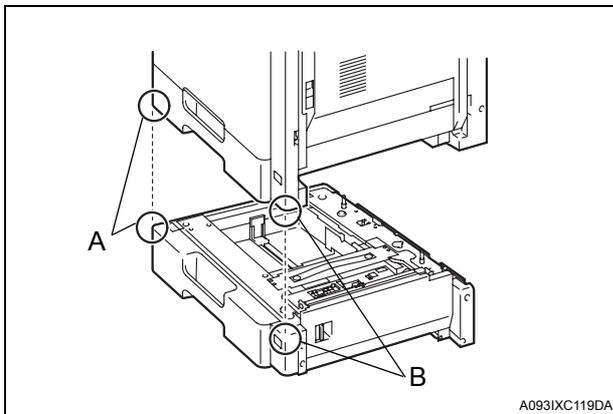


### Note:

Machine mass: 68 kg/149-15/16 lb

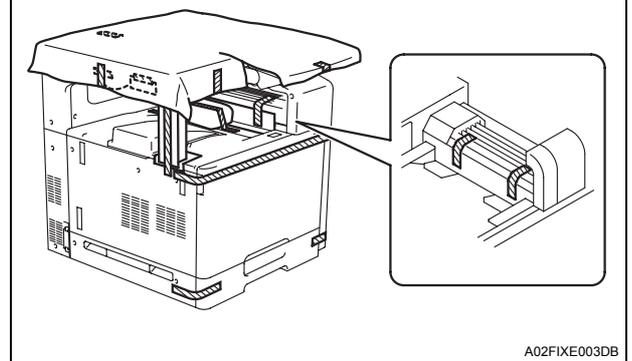
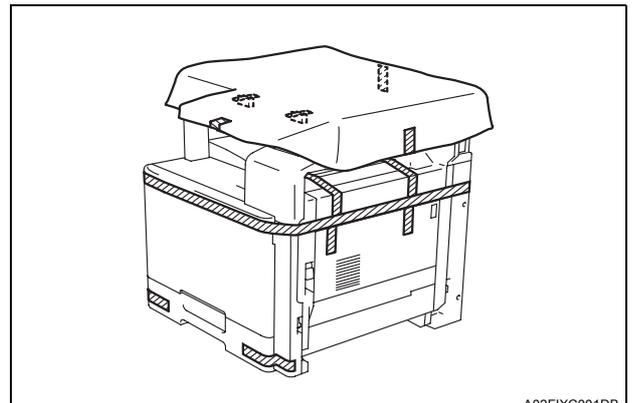
Make available collective manpower of an appropriate size for transporting the machine.

When attaching the machine, as the reference fit the machine with the corner A and B of the paper feed cabinet.

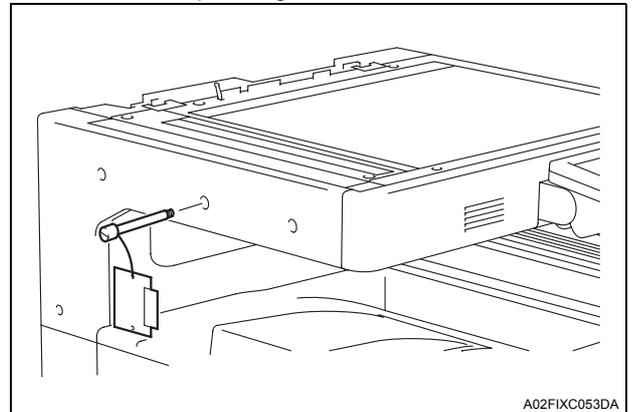


## VI. Removing protective tape, packing and other shipping materials

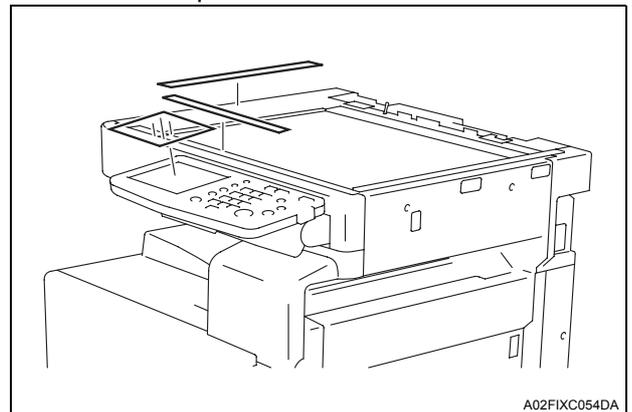
1. Remove protective tape from different parts of the machine.



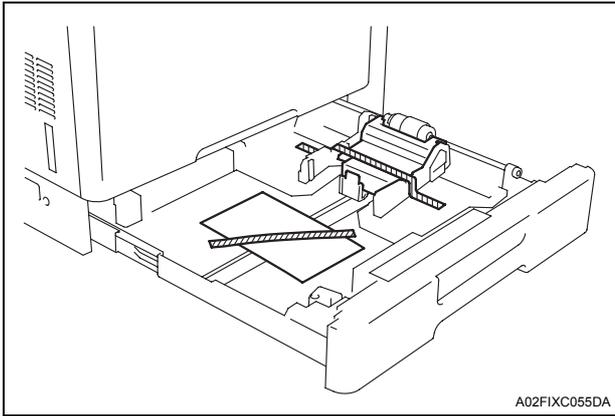
2. Remove the packing bracket.



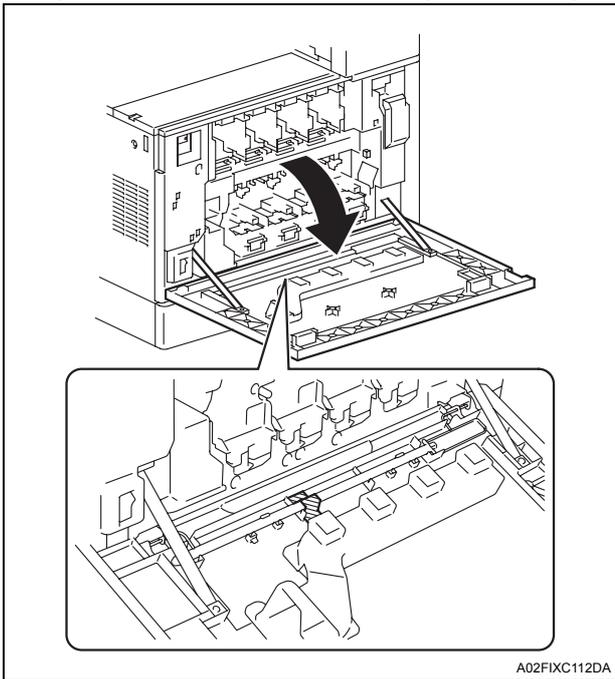
3. Remove the protective sheet.



4. Slide out the 1st drawer and remove protective tape from the inside of the drawer.

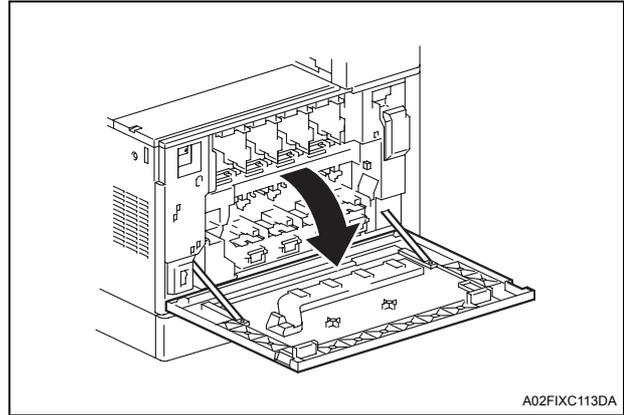


5. Open the front door and remove protective tape.

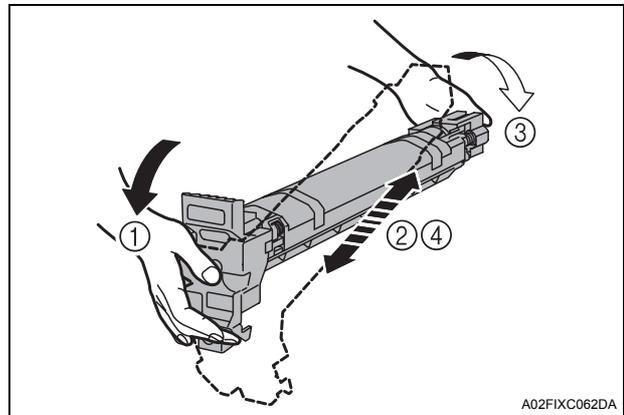


## VII. Installing the IU

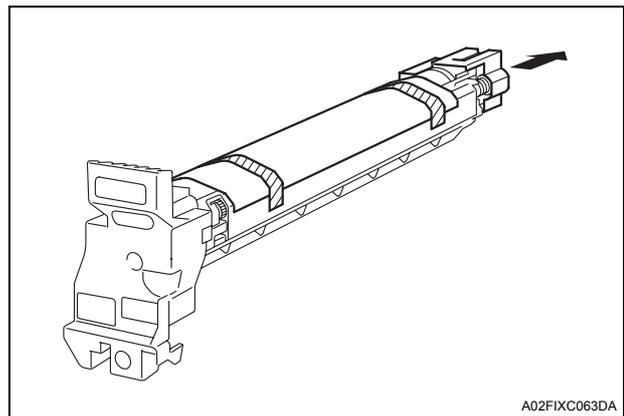
1. Open the front door.



2. Tilt the IU to the left and, in that condition, shake it over a small stroke twice. Then, tilt the IU to the right and, in that condition, shake it over a small stroke twice.



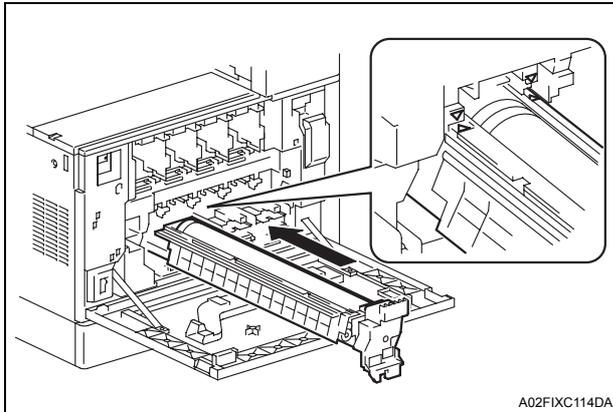
3. Remove the top cap and protective sheet of the IU.



4. Keeping the IU in the level position, insert it all the way as far as it will go.

**Note:**

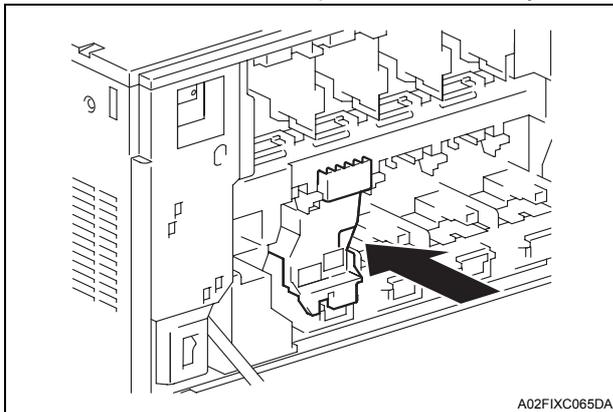
- Make sure that the color is same between inserting port and the IU.
- Make sure that the blue label position of the IU is matched with the one of the machine side.



5. Push the IU all the way in.

**Note:**

Make sure that the IU is pushed all the way in.



6. Using the same procedure, install all IUs.

## VIII. Installing the toner cartridge

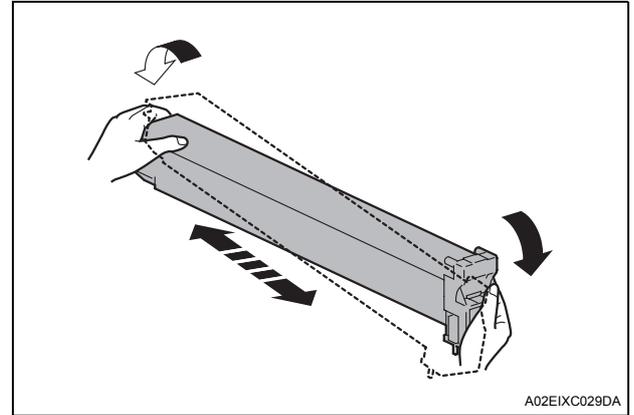
**Note:**

Since cartridge is not furnished with the machine, purchase toner cartridge (of different colors) separately.

1. Shake the toner cartridge right and left five to ten times.

**Note:**

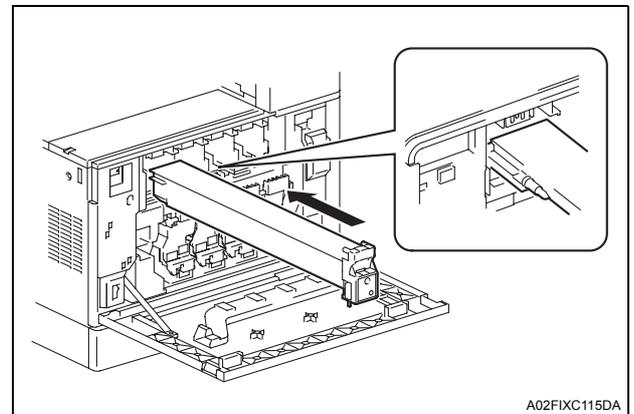
Shake the cartridge adequately. Otherwise, it may cause trouble.



2. Insert the toner cartridge into the machine.

**Note:**

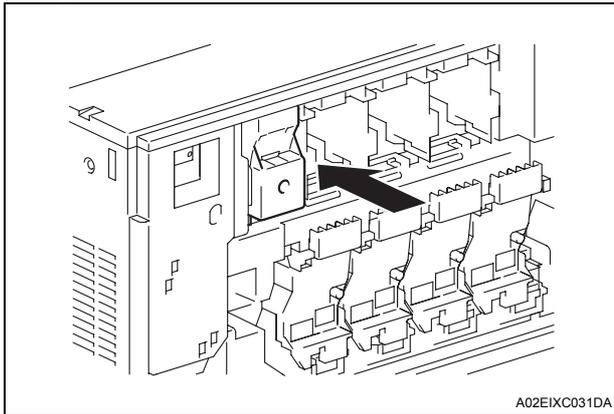
- Make sure that the color is same between inserting port and the toner cartridge.
- Make sure that the blue label position of the toner cartridge is matched with the one of the machine side.



3. Push the toner cartridge all the way in.

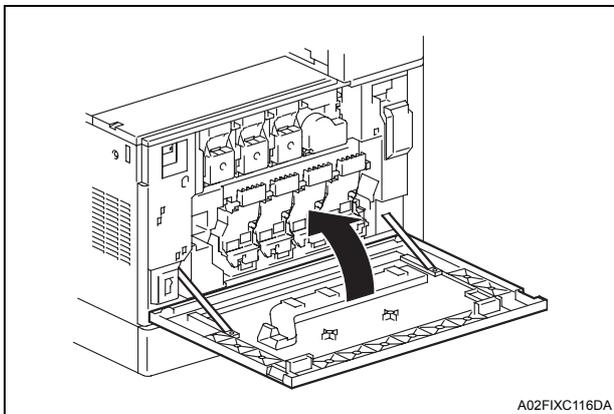
**Note:**

Make sure that the toner cartridge is pushed all the way in.



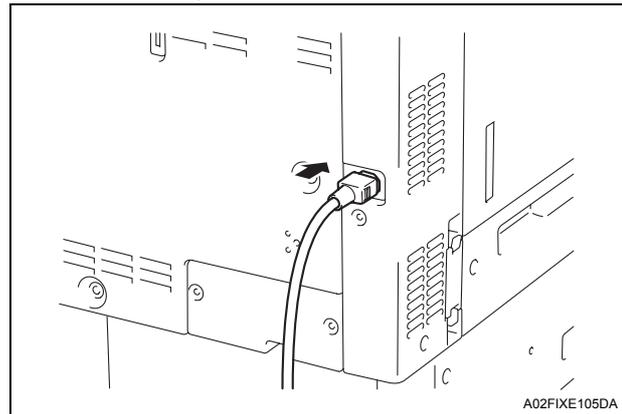
4. Using the same procedure, install the toner cartridges for other colors of toner.

5. Close the front door.



## IX. Connecting the power cord and mounting the accessory parts

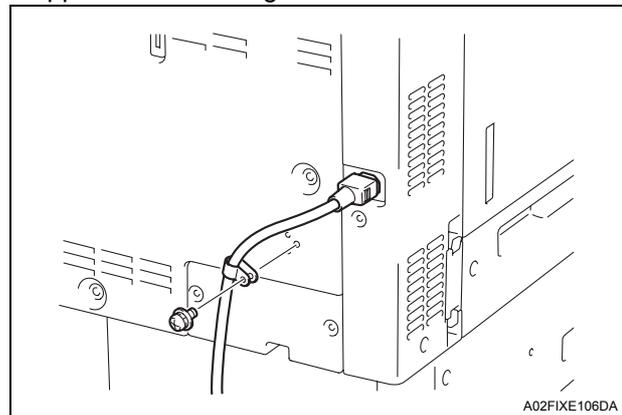
1. Connect the power cord.



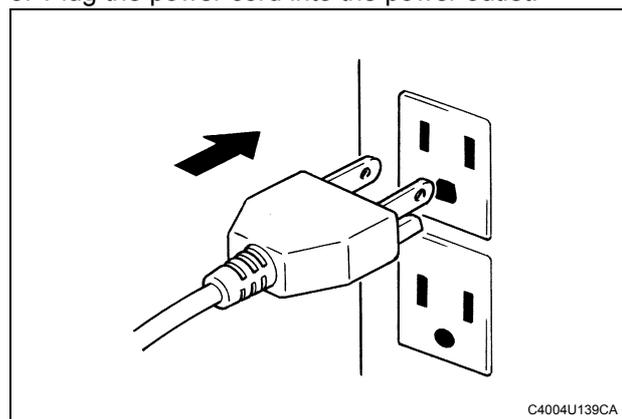
2. Fit the cord clamp A furnished with the machine over the power cord (one screw furnished with the machine).

**Note:**

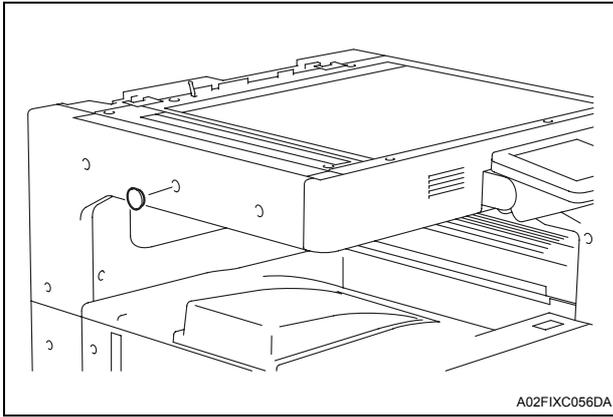
This step may not be performed depending on the applicable marketing area.



3. Plug the power cord into the power outlet.



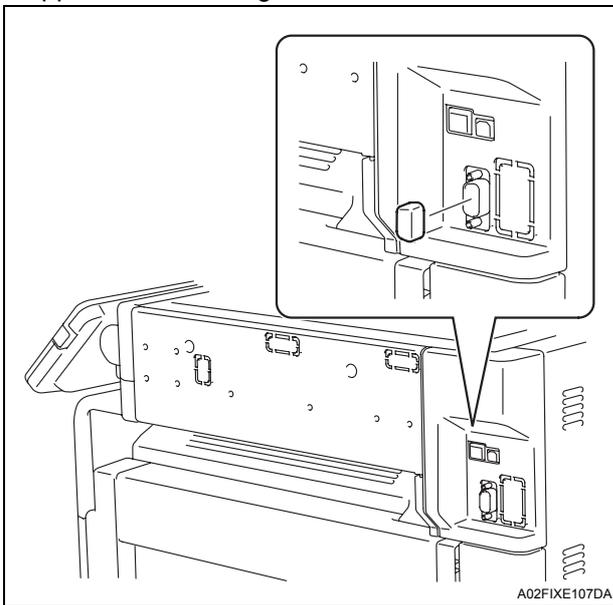
4. Attach the cap furnished with the machine.



5. Attach the connector cover furnished with the machine.

**Note:**

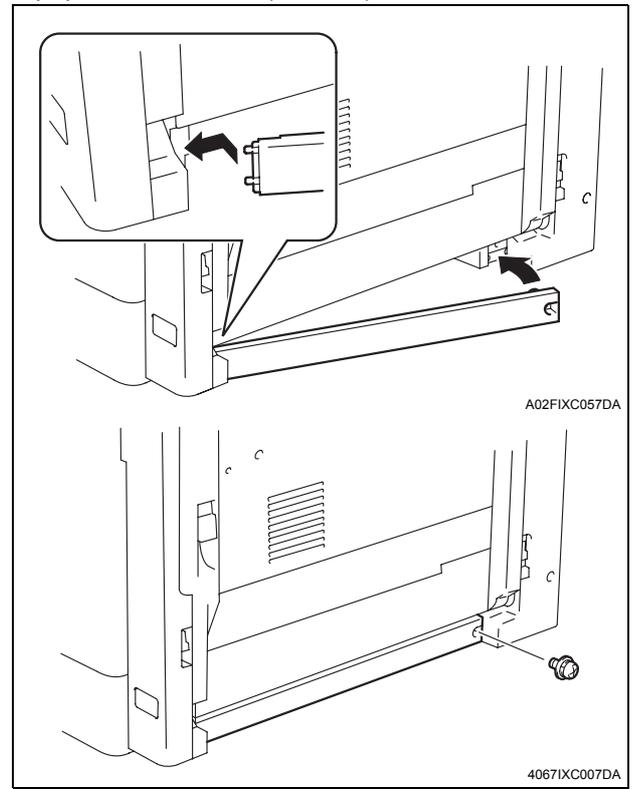
This step may not be performed depending on the applicable marketing area.



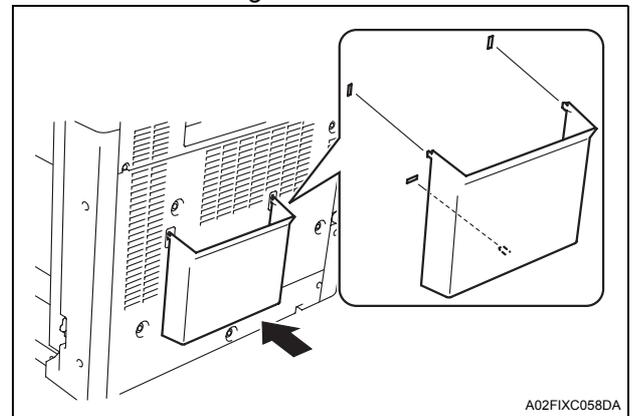
6. Insert the cover two projections into the holes on the right side of the machine as shown in the illustration. Secure the cover with the screw (one screw furnished with the machine).

**Note:**

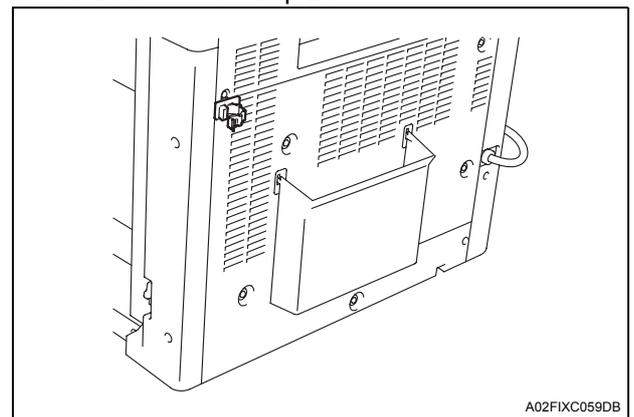
This operation should be performed only when the paper feed cabinet (PC-105) is not mounted.



7. Install the user's guide holder.

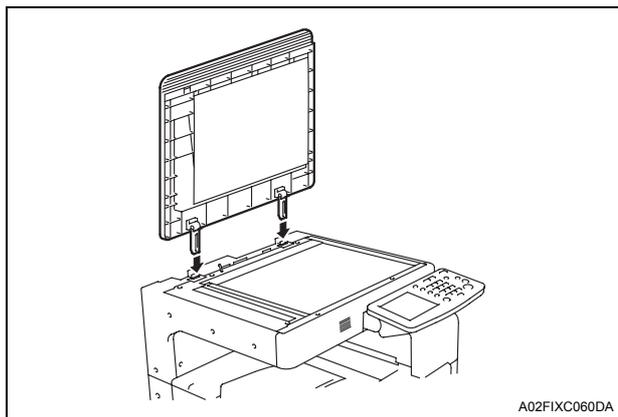


8. Install the cord clamp B.



## X. Mounting the OC-508 (original cover)

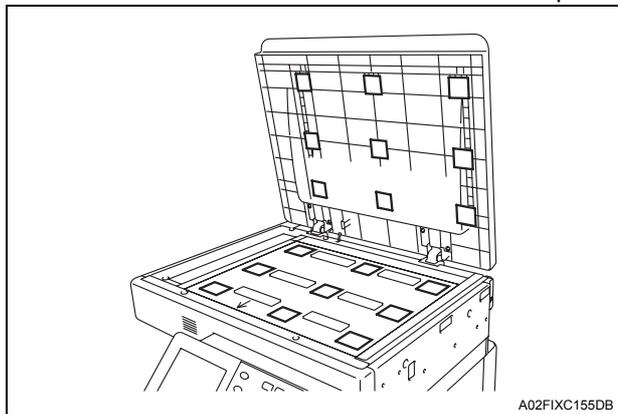
1. Install the original cover.
2. Remove the protective tape from the original cover.



3. Open the original cover.
4. Remove the document pad from the original cover.

### Note:

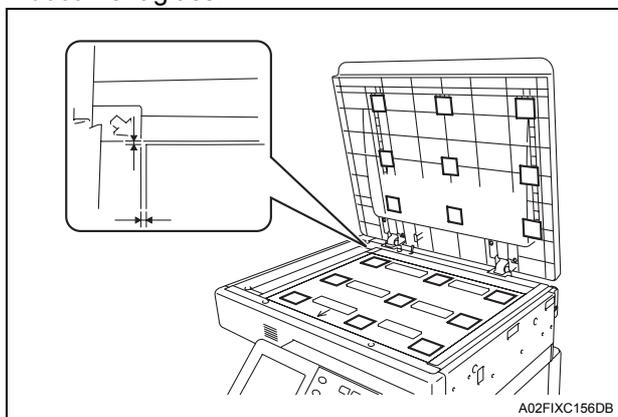
Be sure not to mess the removed document pad.



5. Place the document pad on the document glass with the arrow on the pad pointing to the front of the machine. Close the original cover to affix the document pad to it.

### Note:

When putting the document pad, space 1 mm from the left end and the back end respectively on the document glass.



6. Close the original cover slowly, and attach the document pad.

7. Open the original cover again, and confirm that the document feeder is fixed.

8. Close the original cover.

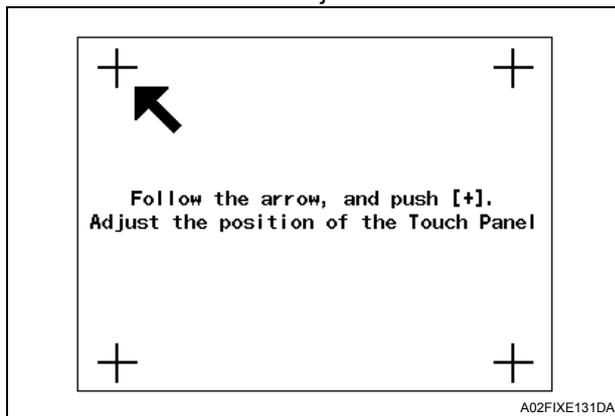
## XI. Adjusting touch panel

1. Turn ON the Main Power Switch and then Sub Power Switch.
2. Display the Service Mode screen.  
(For details of how to display the Service Mode screen, see the service manual.)
3. Select the function to be used as follows:  
Machine Adjustment → Touch Panel Adjustment.
4. Using a ballpoint or similar device, lightly touch the center of the + markers at four places on the touch panel.

### Note:

Pressing the touch panel hard may cause damage.

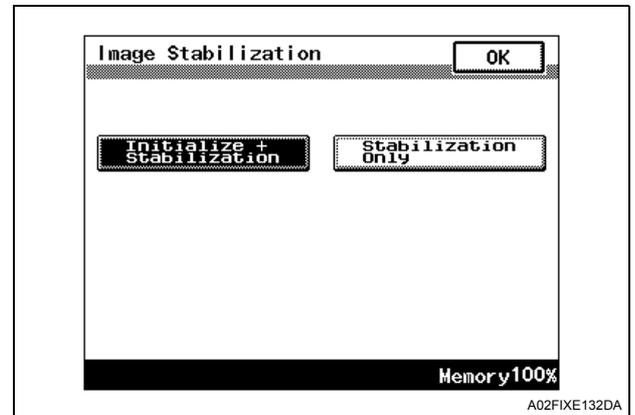
- \* After touching the all four places, the panel goes back to the Machine Adjustment screen.



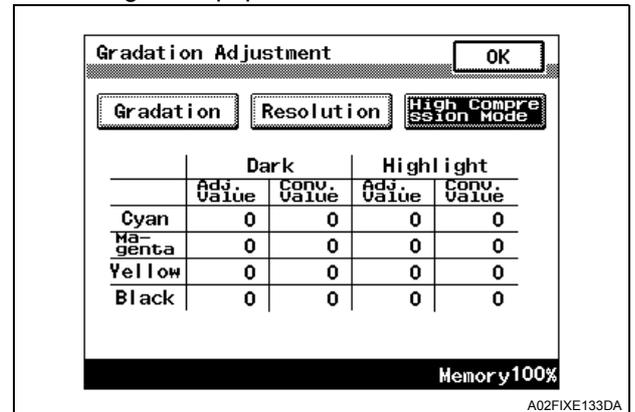
5. Touch "OK."

## XII. Setting gradation adjust

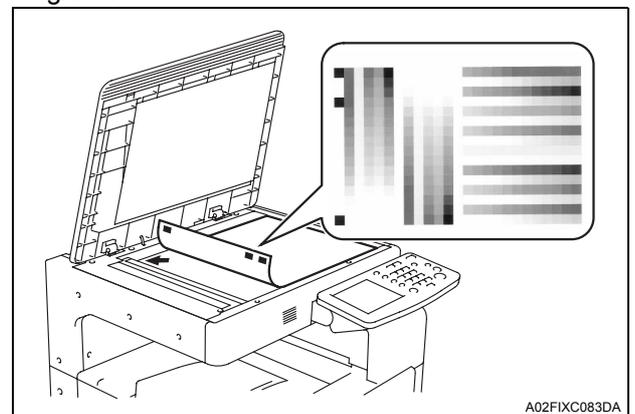
1. Set that A3  or Ledger  paper is loaded in the tray.
2. Select the function to be used as follows:  
Imaging Process Adjustment → Image Stabilization.
3. Touch "Initialize + Stabilization" and press the start key.
4. When the start key starts blinking blue, touch "OK."



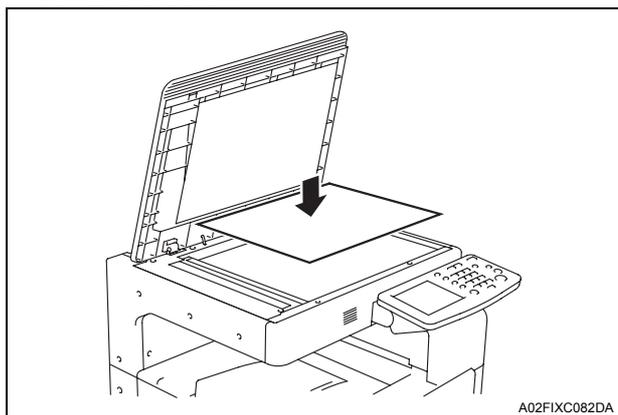
5. Touch "Gradation Adjustment."
6. Touch "High Compression Mode" and press the start key.  
A test pattern will then be produced on the A3  or Ledger  paper.



7. Place the test pattern face down on the original glass.

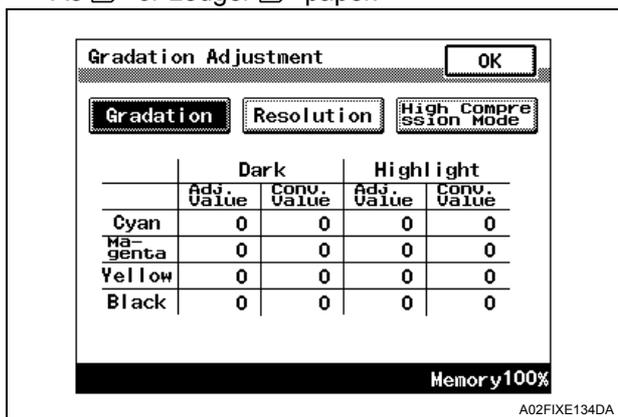


8. Place about ten sheets of A3  or Ledger  paper on the test pattern placed on the original glass.  
Lower the cover.



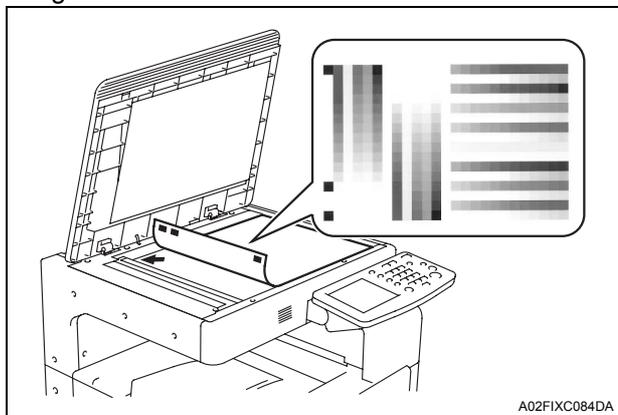
A02FIXC082DA

9. Press the start key.  
The machine will start reading the test pattern.  
10. When the machine completes reading the test pattern, the "Gradation Adjustment" screen will reappear.  
11. Repeat steps from 6 through 9 to let the machine read the test pattern two times.  
12. Touch "Gradation" and press the start key.  
A test pattern will then be produced on the A3  or Ledger  paper.



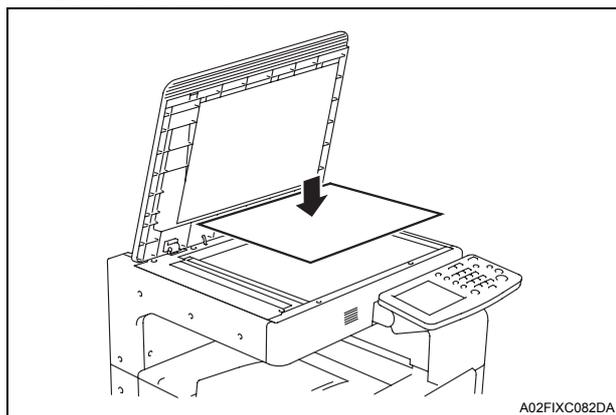
A02FIXE134DA

13. Place the test pattern face down on the original glass.



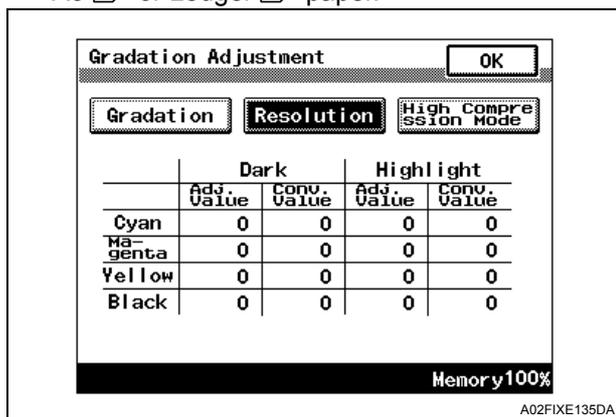
A02FIXC084DA

14. Place about ten sheets of A3  or Ledger  paper on the test pattern placed on the original glass.  
Lower the cover.



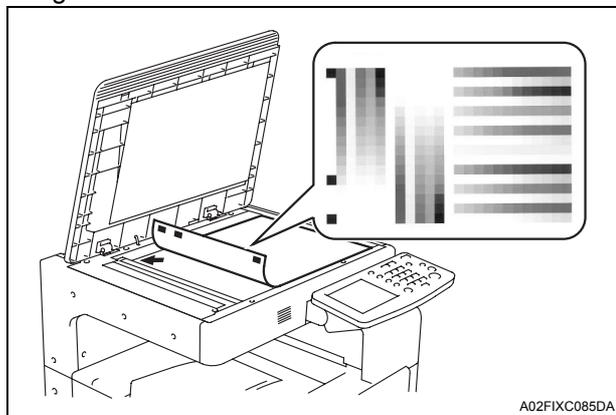
A02FIXC082DA

15. Press the start key.  
The machine will start reading the test pattern.  
16. When the machine completes reading the test pattern, the "Gradation Adjustment" screen will reappear.  
17. Repeat steps from 12 through 15 to let the machine read the test pattern two times.  
18. Touch "Resolution" and press the start key.  
A test pattern will then be produced on the A3  or Ledger  paper.



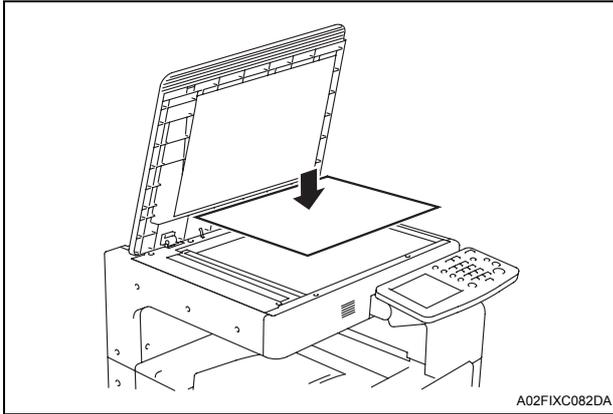
A02FIXE135DA

19. Place the test pattern face down on the original glass.



A02FIXC085DA

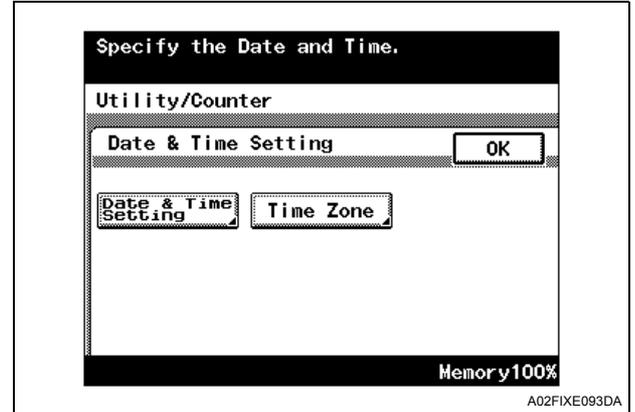
- Place about ten sheets of A3  or Ledger  paper on the test pattern placed on the original glass. Lower the cover.



- Press the start key. The machine will start reading the test pattern.
- When the machine completes reading the test pattern, the "Gradation Adjustment" screen will reappear.
- Repeat steps from 18 through 21 to let the machine read the test pattern two times.
- Touch "OK."

### XIII. Date/Time setting

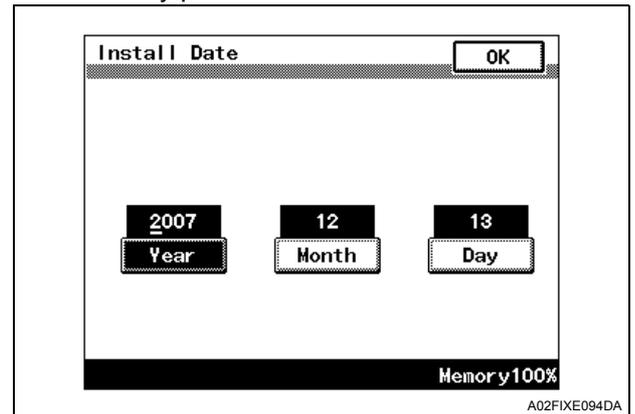
- Select the function to be used as follows:  
Utility/Counter → Admin. → Enter the Administrator Password (Default setting: 12345678) → System Settings → Date & Time Setting.
- Touch "Date & Time Setting" and enter the data for the year, month, day, and time-of-day from the 10-key pad.
- Touch "OK."
- Touch "Time Zone" and set the time zone.
- Touch "OK."



- Continue to touch "OK" until the initial screen appears.

### XIV. Install date

- Display the Service Mode screen. (For details of how to display the Service Mode screen, see the service manual.)
- Select the function to be used as follows:  
System Input → Install Date.
- Enter the data for the year, month, and day from the 10-key pad.



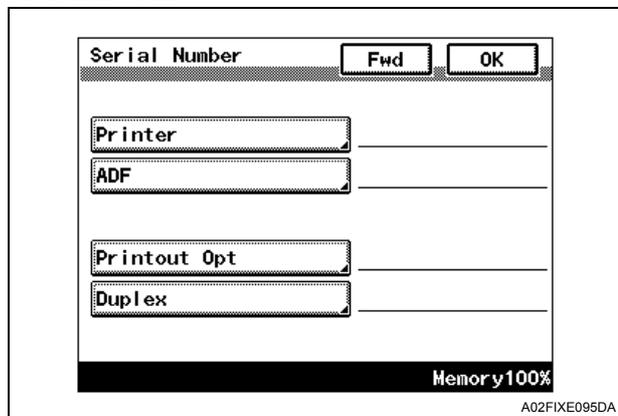
- Touch "OK."

## XV. Serial number input

### Note:

Serial number input is needed only for optional devices that will be installed later.

1. Select the function to be used as follows:  
System Input → Serial Number.
2. Touch the item you want to enter and input the serial number.
3. Touch "OK."



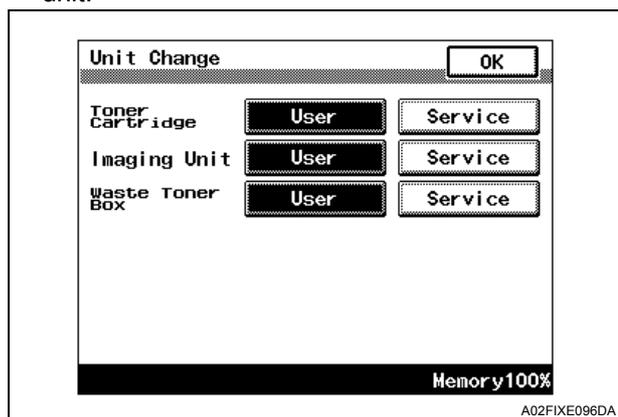
4. For other devices, enter their serial number in the same way.
5. Touch "OK."

## XVI. Unit change

### Note:

This function allows the user to select the type of message that will appear when the replacement time arrives for each of the different units.

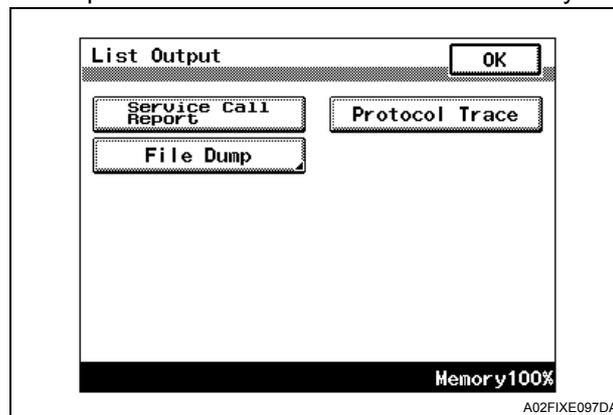
1. Select the function to be used as follows:  
System Input → Unit Change.
2. Select the appropriate message type for each unit.



3. Touch "OK."

## XVII. List Output

1. Load the tray 1 with A4  or Letter  paper.
2. Touch "List Output."
3. Touch the "Service Call Report."  
The list will be output.
4. Output the "Protocol Trace" as the same way.



5. Touch "OK."
6. Touch "OK" on the Service Mode screen.
7. Turn OFF and ON the Main Power Switch.

### Note:

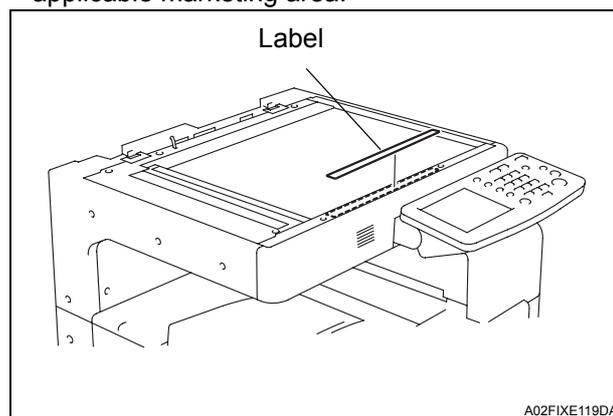
When displayed the Service Mode screen, be sure to turn off the main power after exiting the Service Mode screen and wait for 10 seconds or more before turning on.

## XVIII. Affixing the label (Legal restrictions on copying)

Affix the label (Legal restrictions on copying) to the position shown below.

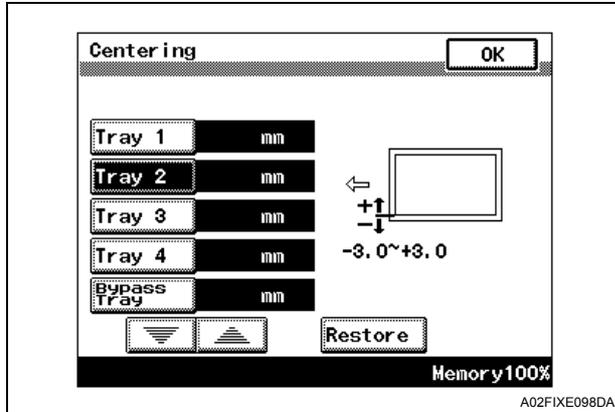
### Note:

This step may not be performed depending on the applicable marketing area.

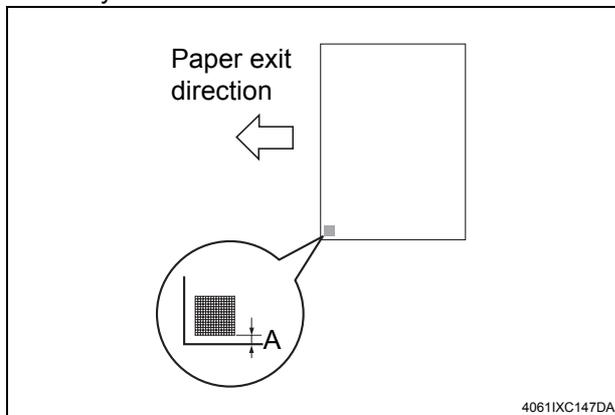


## XIX. Screen adjustment for options

1. Display the Service Mode screen.  
(For details of how to display the Service Mode screen, see the service manual.)
2. Select the function to be used as follows:  
Machine Adjustment → Printer Area → Centering → Tray 2.
3. Press the Start key.  
A test print will be produced.

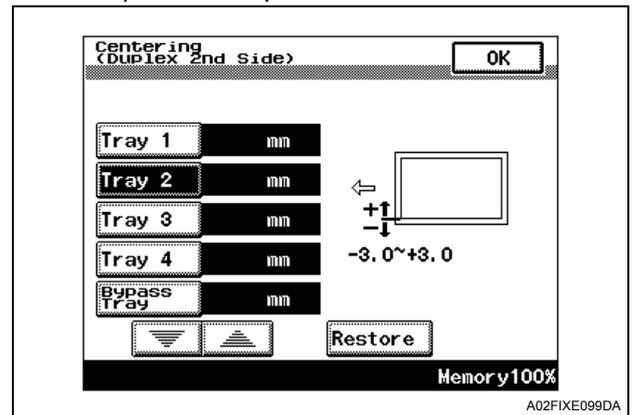


4. Touch "OK."
5. Measure width A from the edge of the paper to the pattern printed on the test print and check that it falls within the specified range.  
Specifications: 3.0 mm ± 1.0 mm
  - Adjusting the paper reference position  
If the measured width A falls outside the specified range, enter the correction value using the ▼ or ▲ key.

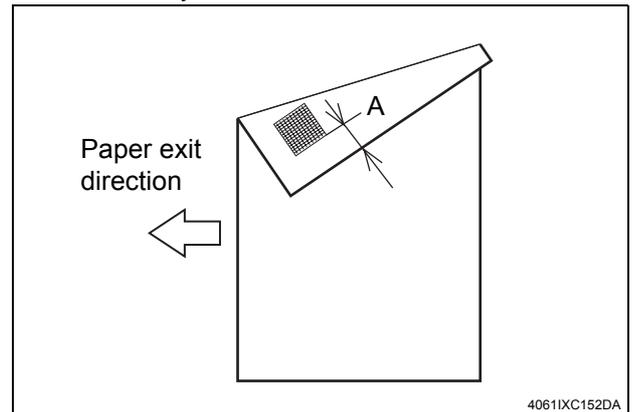


6. Produce another test print and check to see if width A falls within the specified range.

7. Select the function to be used as follows:  
Centering (Duplex 2nd Side) → Tray 2.
8. Press the Start key.  
A test print will be produced.



9. Touch "OK."
10. Measure width A of the test pattern on the back-side of the test print produced and check that it falls within the specified range.  
Specifications: 3.0 mm ± 2.0 mm
  - Adjusting the paper reference position  
If the measured width A falls outside the specified range, enter the correction value using the ▼ or ▲ key.



11. Produce another test print and check to see if width A falls within the specified range.
12. Make the adjustment of "Tray 3", "Tray 4", and "Bypass Tray" if they are available with optional devices.
13. Touch "OK."
14. Touch "OK" on the Service Mode screen.
15. Turn OFF and ON the Main Power Switch.

### Note:

When displayed the Service Mode screen, be sure to turn off the main power after exiting the Service Mode screen and wait for 10 seconds or more before turning on.

## XX. Check through test print

Make operation checks using "Setting Information Print."

1. Select the function to be used as follows:  
Utility/Counter → User Settings → Printer Settings → Print Reports.  
The types of the test prints that can be printed will be displayed.
2. Touch "Configuration Page" and check if it is output.
3. Continue to touch "OK" until the initial screen appears.

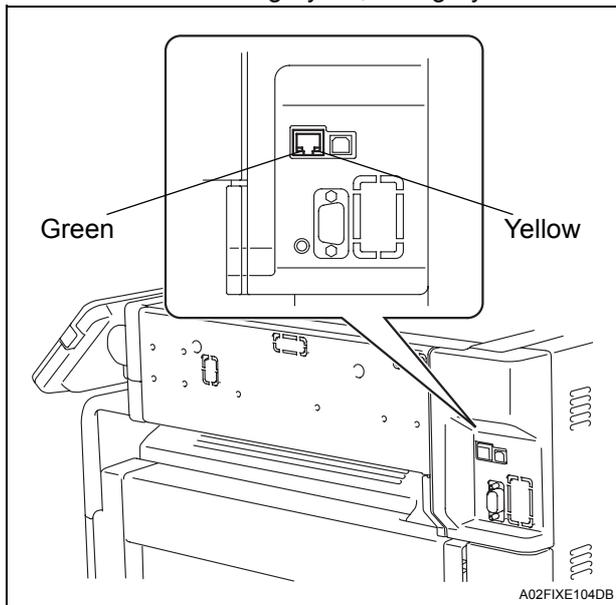
## XXI. Connecting cables

1. Connect the networking equipment (HUB) using the network cable.

### Note:

The following shows the recommended network cables that correspond to each communication speed.

- 10BaseT/100BaseTX: Category 5
- 1000BaseT: Category 5E, Category 6



2. Check LEDs for lighting conditions.

### LED Indications

LED Color	Status	Description
Green	Lights	Connecting with a LAN (10Mbps/100Mbps)
	Blinking	Transmitting/Receiving the data (10Mbps/100Mbps)
	Lights out	Power is OFF Not Connecting with a LAN
Yellow	Lights	Connecting with a LAN (100Mbps)
	Lights out	Power is OFF Connecting with a LAN (10Mbps)

## XXII. Network setting

Make the TCP/IP address setting for the network.

### Note:

Consult the network administrator for the setting value to be entered and make settings as required.

1. Select the function to be used as follows:  
Utility/Counter → Admin. → Enter the Administrator Password → ↓ → Network Settings.
2. Touch "Basic Settings" of IP address setting method and make the following settings.  
IP Address: IP address of the controller  
Subnet Mask: Subnet mask of the network, to which the machine is connected  
Gateway: IP address of the default gateway
3. Turn OFF and ON the Main Power Switch.
4. Select the function to be used as follows:  
Utility/Counter → Admin. → Enter the Administrator Password → ↓ → Ping, and make the operation check of TCP/IP.