

Maintenance Kit Type 4500 REPLACEMENT GUIDE < G525-8610 >

The maintenance kit contains the parts required to maintain the printer. When "Change Maint.Kit" appears on the panel display, replace the parts included in the maintenance kit. Read this guide carefully before you replace the maintenance kit. For safety purposes, carefully follow the instructions in this guide.

CAUTION

- The inside of the machine becomes very hot. Do not touch the parts with a label indicating a "hot surface". Touching a "hot surface" could result in a burn injury.
- Disposal should take place at an authorized dealer or appropriate collection site.
- If you dispose of the used parts yourself, dispose of them according to local regulations.

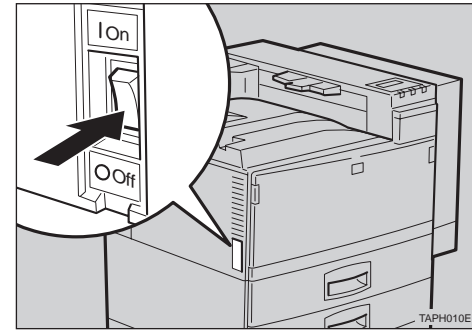
1

TURNING OFF THE PRINTER

Turn the printer's power switch off.

Important

- The inside of the machine becomes very hot. Be sure to turn off the printer before attempting to replace any of the parts. When replacing the old fusing unit with a new one, turn off the printer and wait for about 30 minutes before beginning the installation.



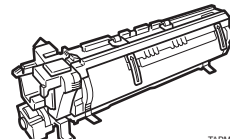
2

CHECKING THE CONTENTS OF THE BOX

The maintenance kit is composed of 2 types of boxes, Type 4500A and Type 4500B. Each box contains the following parts. Confirm that the contents of the boxes match the following lists.

Type 4500A

- Replacement Guide (this sheet)
- Removing the Development Unit from the Box
- Development Unit

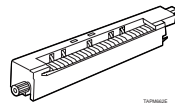


- Disposal Bag

For packing the used Development Unit

Type 4500B

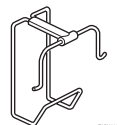
- Fusing Unit



- Transfer Unit



- Removal Tool



- Gloves



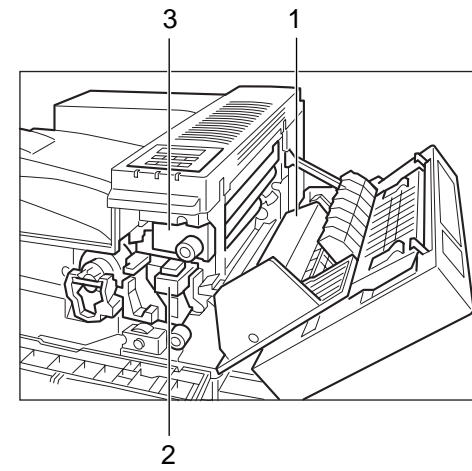
- Disposal Bag

For packing the used Transfer Unit

- A brief reference sheet.

If one or more of the items are missing, please contact your sales or service representative.

You should replace all the parts included in the maintenance kit at the same time. Be sure to replace them in the following order:



1. Transfer Unit

2. Development Unit

3. Fusing Unit

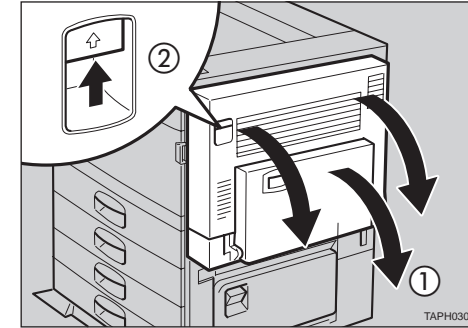
3

REPLACING THE TRANSFER UNIT

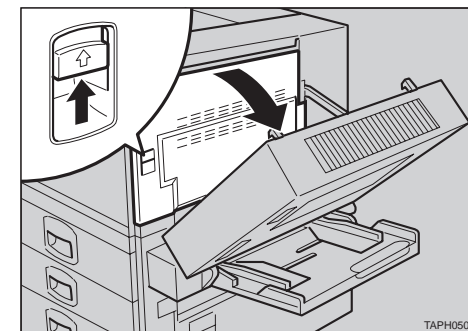
WARNING

- Do not incinerate the used transfer unit. Toner dust might ignite when exposed to an open flame.
- Disposal should take place at an authorized dealer or appropriate collection site.
- If you dispose of the used parts yourself, dispose of them according to local regulations.

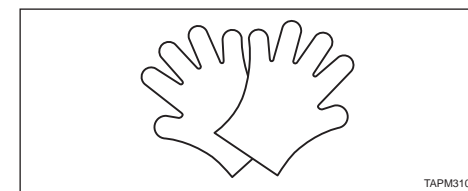
- 1 Open the bypass tray (1). And then open the duplex unit by pushing the catch upwards (2).



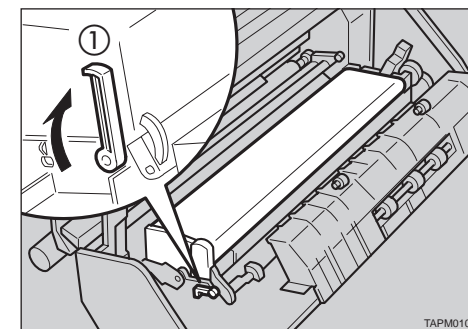
- 2 Open the right cover by pushing the catch upwards.



- 3 Wear the gloves included in the Type 4500B box. Be sure to wear the gloves to avoid getting your hands dirty or damaging the belt surface of the new transfer unit.



- 4 Raise the green lever (1) inside of the right cover to release the transfer unit.



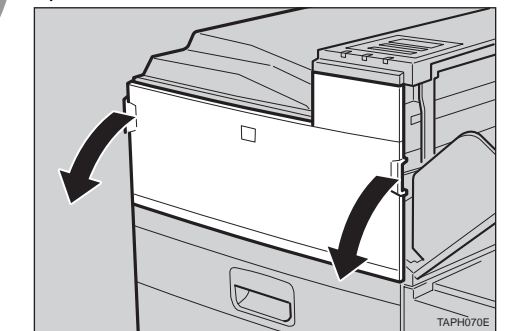
4

REPLACING THE DEVELOPMENT UNIT

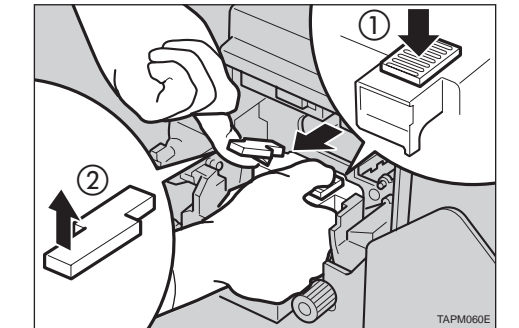
WARNING

- Do not incinerate the used development unit. Toner dust might ignite when exposed to an open flame.
- Disposal should take place at an authorized dealer or appropriate collection site.
- If you dispose of the used parts yourself, dispose of them according to local regulations.

- 1 Open the front cover.



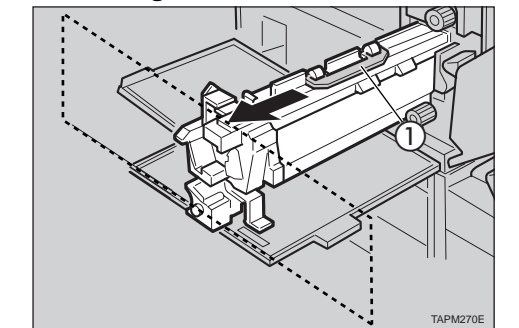
- 2 While pressing the green button inside of the front cover (1), raise the green lever (2), and slide the development unit out about 10cm (4").



- 3 Slide the development unit out far enough that you can hold it by the handle (1).

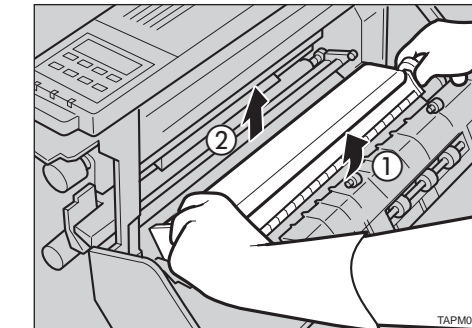
Important

- Slide the unit out as far as is shown in the following illustration. If you slide it out too far, it may fall and damage the front cover.



5

Hold both sides of the unit. Lift your side of the unit slightly (1), and remove it from the printer (2) as shown in the illustration. Put the used transfer unit in the disposal bag.



Important

- After removing the transfer unit, put the unit in the disposal bag. Be careful not to tilt or shake the unit, otherwise, toner might scatter.

6

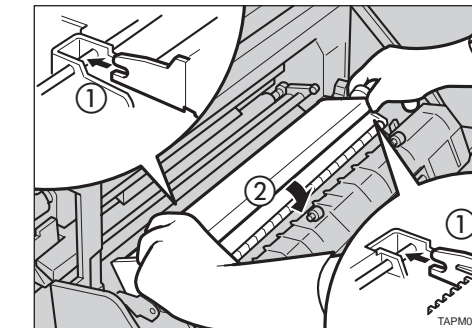
Take the new transfer unit out of the Type 4500B box, and remove the plastic bag.

7

Take the desiccant out.

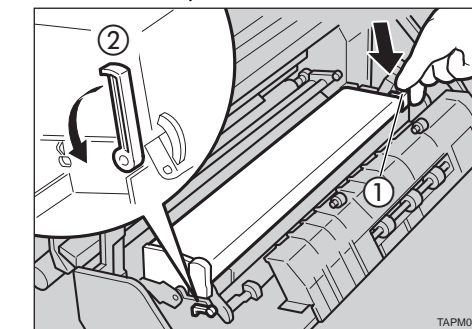
8

There is an arrow sticker in the bottom right side of the cover, which is pointing to the shaft. Align the new transfer unit with the shaft (1), and then slide the unit in place (2).



9

While pressing down on the corner of the transfer unit indicated by the arrow (1), return the green lever (2) to its original position to lock the transfer unit in place.

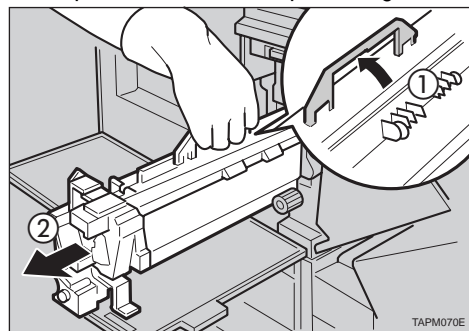


Note

- If you cannot return the green lever to its original position, raise the green lever and remove the transfer unit. After that, try again to install the transfer unit.

Leave the right cover open, go to "4. REPLACING THE DEVELOPMENT UNIT".

- 4** Hold the green handle (①), and slide out the development unit (②). Put the used development unit in the disposal bag.



Important

- After removing the development unit, put the unit in the disposal bag. Be careful not to tilt or shake the unit, otherwise, toner might scatter.

- 5** Take the new development unit from the Type 4500A box.

Before taking the development unit from the box, be sure to read the "Removing the Development Unit from the Box" in the Type 4500A box and follow the instructions.

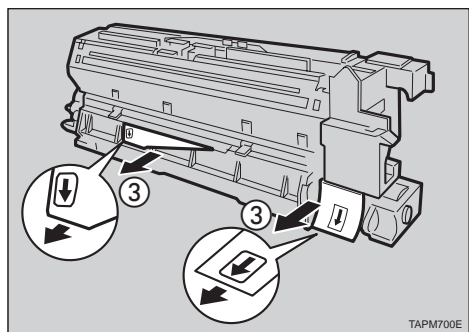
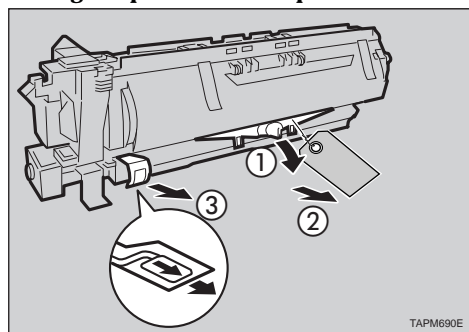
Important

- After taking the new development unit from the box, be careful not to shake or jar the unit.

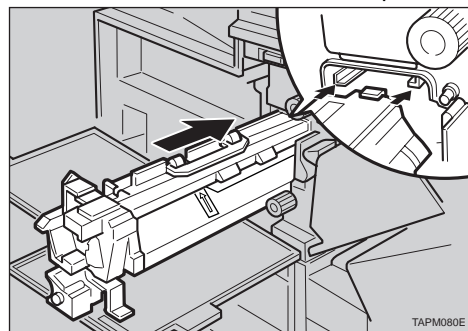
- 6** There is a red stopper with the red tag and three pieces of transparent tape on the unit. Tilt the top of the stopper slightly towards you (①) and remove it (②). After that, remove all three pieces of tape (③).

Important

- While pulling out the tape, keep the development unit horizontal, as shown in the illustration. Tilting or shaking the unit might cause the toner to scatter.
- Do not remove the black sheet until you finish installing the unit. The black sheet is used to protect the green part of the development unit.



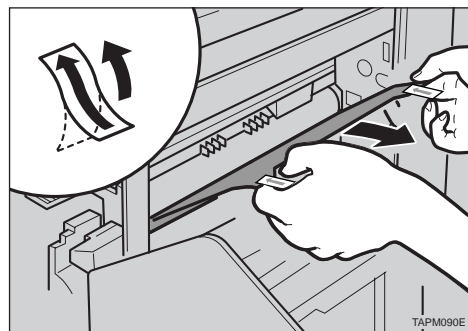
- 7** Align the new development unit to the rail of the printer. Slide the development unit into the printer until it makes a click as it locks into place.



- 8** At the right side of the printer, remove the tape on the left and right sides of the black sheet, and then pull out the sheet using both hands.

Important

- Do not touch the green part protected by the black sheet.



Leave the right cover open, go to "5. REPLACING THE FUSING UNIT".

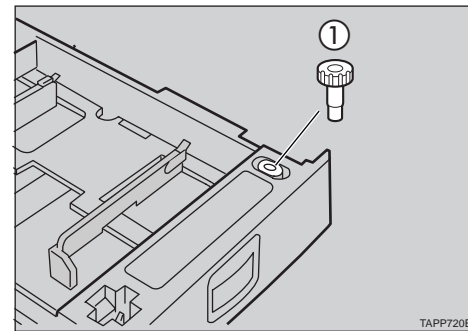
5 REPLACING THE FUSING UNIT

CAUTION

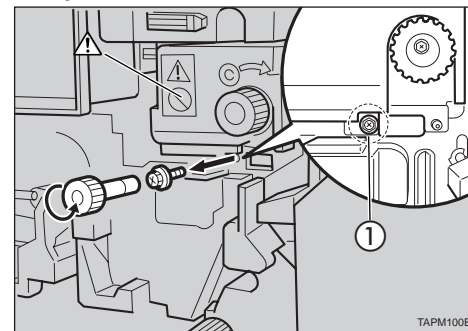
- The fusing unit becomes very hot. When installing the new fusing unit, turn off the printer and wait for about 30 minutes. After waiting, install the new fusing unit. Not waiting for the unit to cool down can result in a burn injury.

- 1** Be sure to wait 30 minutes after turning off the printer, and confirm that it is cool before continuing.

- 2** Pull the standard paper tray (Tray 1), and take the screwdriver (①) from the tray.

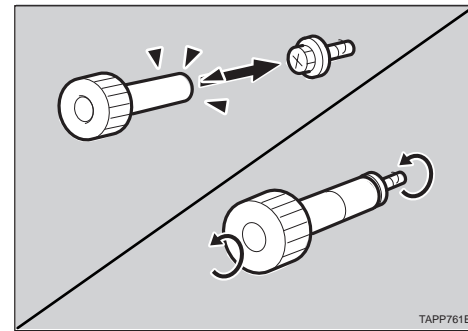


- 3** Remove the screw inside of the front cover (①) by turning it counterclockwise to release the fusing unit.



Important

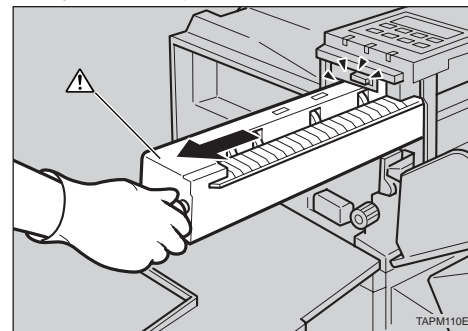
- When removing the screw, press the screwdriver onto the screw until it makes an audible click as it pops into place.



Note

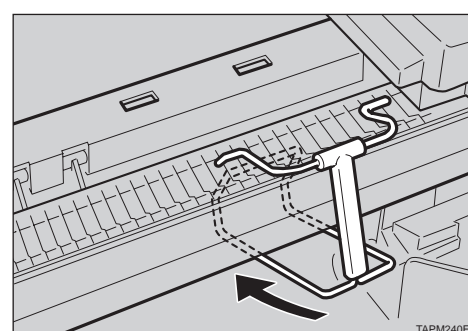
- You need the screw to lock the new fusing unit afterwards.

- 4** Hold the blue knob, and pull the fusing unit out slowly until it stops.

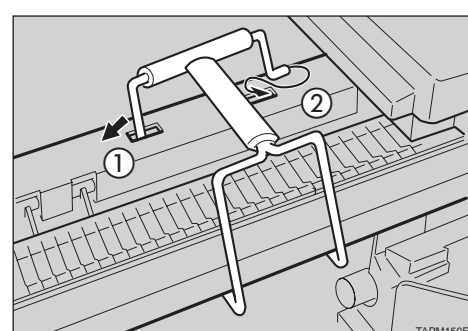


- 5** Take the removal tool from the Type 4500B box, and attach the tool to the fusing unit.

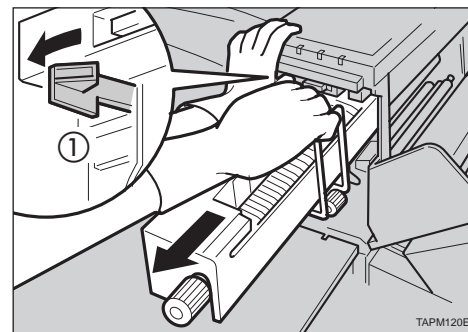
- ① Insert the removal tool into the bottom hollow of the fusing unit.



- ② Insert the removal tool into the top hole on your side (①), and then into the hole on the printer side (②).



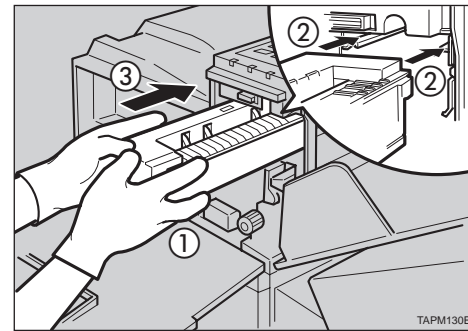
- 6** There is the green lever (①) on the left side of the fusing unit. While pressing the green lever to the left, slide the fusing unit out slowly using the removal tool.



- 7** Take the new fusing unit from the Type 4500B box and remove the plastic bag.

- 8** Three pieces of tape are attached to the unit. Remove the tape and the desiccant.

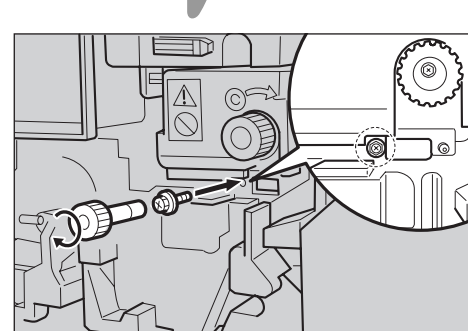
- 9** Hold the new fusing unit with both hands (①), and keep the unit horizontal. Align the unit onto the rail of the printer (②), and slide the fusing unit into the printer until it stops (③).



Important

- Do not use the removal tool when installing the new fusing unit. If you use the removal tool when installing the new fusing unit, it might lower the print quality.

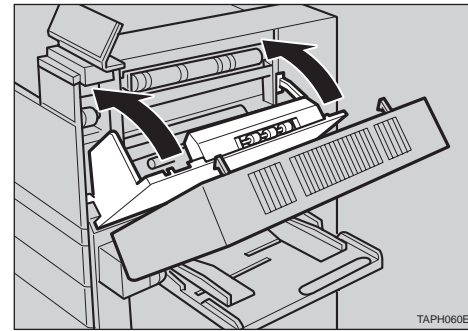
- 10** Lock the fusing unit in place with the screw you removed in step 3.



Note

- Be sure to return the screwdriver to the paper tray after using it.

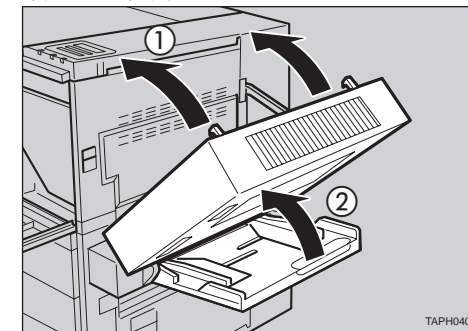
- 11** Close the right cover.



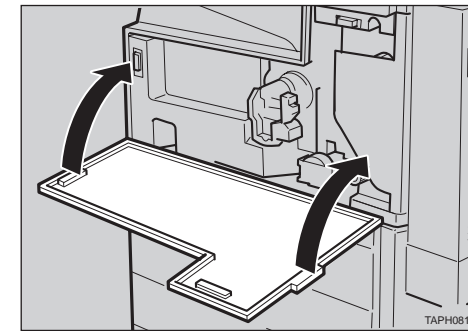
Important

- Do not force the right cover to close. If you cannot close it easily, confirm that the development unit and the fusing unit are installed correctly, and that the transfer unit is locked correctly.

- 12** Close the duplex unit (①). And then close the bypass tray (②).



- 13** Close the front cover.



- 14** Take gloves off.

- 15** Turn the printer's power switch on.

- 16** Confirm that the "Change Maint.Kit" message on the operation panel has cleared.

Replacing the maintenance kit is finished.