

MAINTENANCE KIT Type 4000

Operating Instructions

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The proper names of the Windows operating systems are as follows:

- Microsoft® Windows® 95 operating system
- Microsoft® Windows® 98 operating system
- Microsoft® Windows® Millennium Edition (Windows Me)
- The product names of Windows® 2000 are as follows:
 - Microsoft® Windows® 2000 Advanced Server
 - Microsoft® Windows® 2000 Server
 - Microsoft® Windows® 2000 Professional
- The product names of Windows® XP are as follows:
 - Microsoft® Windows® XP Professional
 - Microsoft® Windows® XP Home Edition
- The product names of Windows Server™ 2003 are as follows:
 - Microsoft® Windows Server™ 2003 Standard Edition
 - Microsoft® Windows Server™ 2003 Enterprise Edition
 - Microsoft® Windows Server™ 2003 Web Edition
- The product names of Windows NT® 4.0 are as follows:
 - Microsoft® Windows NT® Server 4.0
 - Microsoft® Windows NT® Workstation 4.0

Notes:

Some illustrations in this manual might be slightly different from the machine. Certain options might not be available in some countries. For details, contact your sales or service representative.

1. Replace Maintenance Kit

The maintenance kit contains parts necessary for maintaining the printer. Install the replacement parts included in the maintenance kit when the following message appears:

❖ **For the 2-line display model printer:**

Replace Maint.Kit
soon

❖ **For the 4-line display model printer:**

Replace Maintenance Kit

See instructions in Left
Cover. Press the Menu key
to check Supplies.

WARNING:

- ***Do not risk electric shock by handling the power cable or plug with wet hands.***


CAUTION:

- *The inside of this printer becomes very hot. Do not touch parts labelled "⚠" (indicating a hot surface). Touching these parts will result in burns.*
- *Grip the plug, not the cord, when pulling the plug from the socket. Pulling the cord causes wear and tear that can result in fire or electric shock.*
- *Wait at least one hour after power off before replacing parts. Not allowing the printer to cool may result in burns.*


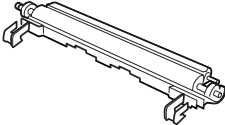
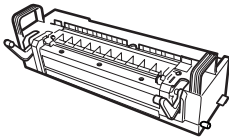

Before Replacing

Checking the contents of the box

Check the contents of the box according to the following list. If one or more items are missing, contact your sales or service representative.

Description	Quantity		
Friction Pad	3 pcs		See p.5 "Replacing the Friction Pad".

1

Description	Quantity		
Paper Feed Roller	3 pcs		See p.6 "Replacing the Paper Feed Roller".
Transfer Roller	1 pc		See p.8 "Replacing the Transfer Roller".
Fusing Unit	1 pc		See p.9 "Replacing the Fusing Unit".
Dustproof Filter	2 pcs		See p.10 "Replacing the Dustproof Filter".

Preparing to replace the parts

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

1 Check the contents of the box for the following items:

- Friction Pad × 3
- Paper Feed Roller × 3
- Transfer Roller
- Fusing Unit
- Dustproof Filter × 2

2 Confirm that the followings are true:

- The power switch is turned off.
- The power cable is unplugged from the wall outlet.
- The interface cable is unplugged from the printer.

Important

- ☐ Wait about an hour after the printer is turned off to allow internal parts to cool down before replacing the maintenance kit.

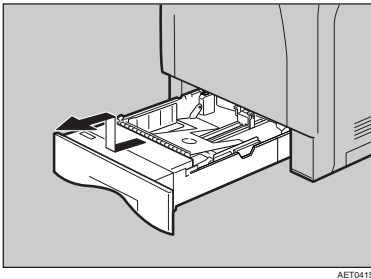
Replacing Parts

Some illustrations in this manual might be slightly different from the machine or options, depending on a type. However, the procedure for replacement is same.

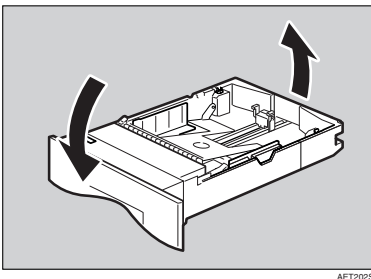
Replacing the Friction Pad

Replace all the friction pads in the tray. The following procedure shows how to replace the tray's friction pad (Tray 1).

- 1** Carefully slide the paper tray (Tray 1) out, until it stops. Then, lift the front slightly, and then pull the tray completely out.



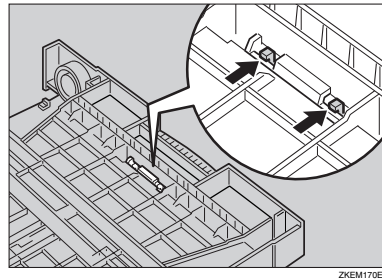
- 2** Remove paper from the paper tray. Place the tray upside down on a flat surface.



- 3** Use a pointed implement such as a ball-point pen, to carefully press down the two catches securing the friction pad.

Note

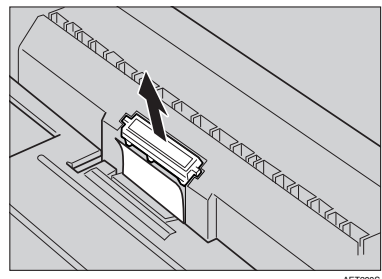
- ☐ The friction pad may fall away when released. Place your hand over the friction pad while pressing the catches.
- ☐ The friction pad spring may come loose. Be careful not to lose the friction pad.



- 4** Turn the paper tray right way up, and remove the friction pad from the tray.

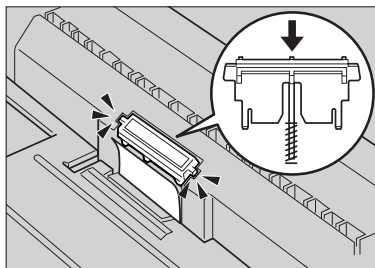
Note

- ☐ The friction pad spring may come loose. Be careful not to lose the friction pad spring.



1 Insert the new friction pad in the paper tray.

Place the spring over the central prong of the new friction pad and align the friction pad with the grooves of the paper tray. Then push down friction pad (as shown in the illustration), until it clicks.



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After pushing down the friction pad, check it is properly installed by pressing it lightly. If it is properly installed, it will spring back up.

6 Follow the same procedure to replace optional Paper Feed Unit friction pads.

Replacing the Paper Feed Roller

Replace all feed rollers including the printer and the optional Paper Feed Unit(s). The following procedure shows how to replace the printer's paper feed rollers.

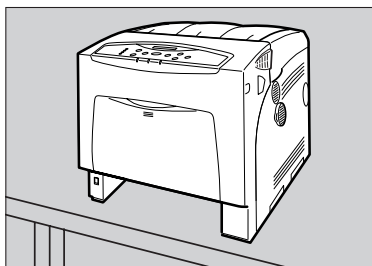
⚠ CAUTION:

- The printer weighs approximately 50 kg (110.3 lb.). When moving the printer, use the inset grips on both sides, and lift slowly. The printer will break or cause injury if dropped.

⚠ CAUTION:

- Lifting the paper feed unit carelessly or dropping it may cause injury.

1 Move the printer to the edge of a sturdy and stable table or desk.



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⚠ Important

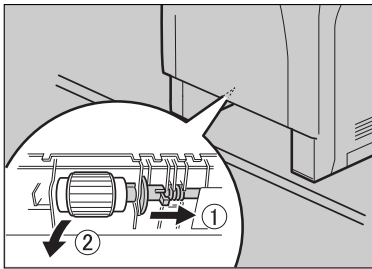
- ☐ Make sure the printer is lifted by at least two people.
- ☐ Always move the printer horizontally. Turning the printer sideways or tilting it backward or forward while moving will result in toner leakage.
- ☐ Do not put the printer on an unstable or sloped surface.

Note

- ❑ If the printer is equipped with the optional Paper Feed Unit, do not move the printer and the unit together, they are not securely attached.

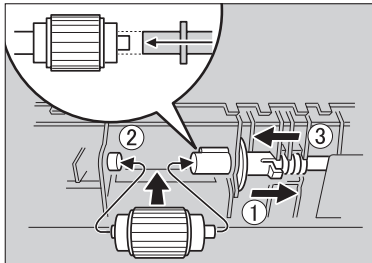
2 Slide the green lock lever to the right (①), remove the paper feed roller (②).

The illustration shows the paper feed roller installed in the printer.



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3 While sliding the green lock lever to the right (①), set the new roller (②). Then, return the green lock lever to its original position (③).



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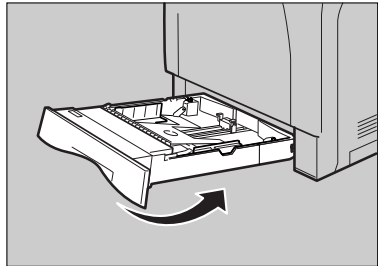
Note

- ❑ Check the green lock lever secures the roller correctly by making sure the new roller rotates smoothly.

4 If the printer has the optional paper feed unit(s) installed, follow the same procedure or remove only the additional tray to replace the paper feed roller.

If you have two paper feed units installed, also replace both paper feed rollers.

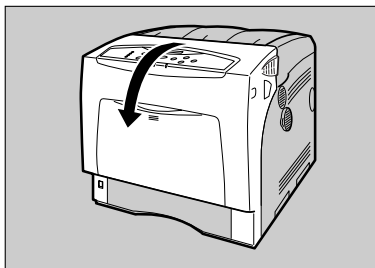
5 Place paper in the paper trays and additional removed paper trays. Lift the front of the tray, and slide it carefully into the printer, until it stops.



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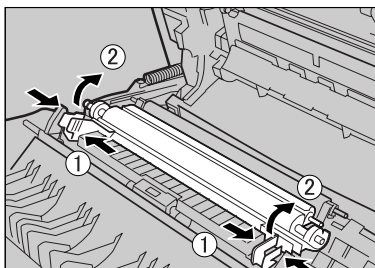
Replacing the Transfer Roller

- 1** Carefully open the printer's front cover (A) or by pulling left and right side levers.



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- 2** Pinch the green clips on both ends of the transfer roller.

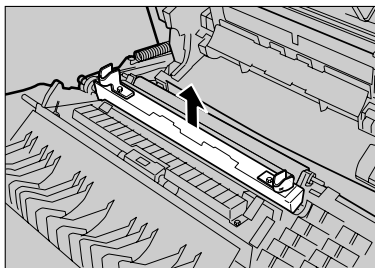


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Important

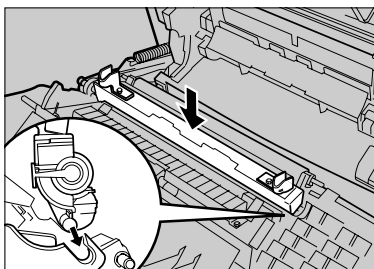
- ☐ Do not touch the roller area of the transfer roller. It may stain your hands or clothes.

- 3** Pull out the transfer roller.



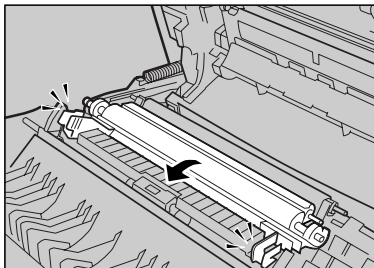
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- 4** Insert the new transfer roller by placing its underside edge into the grooves shown in the illustration.



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- 5** Secure the transfer roller using the green fastening clips mentioned in step 2.



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Note

- ☐ The transfer roller appears insecurely set, but this is intentional.

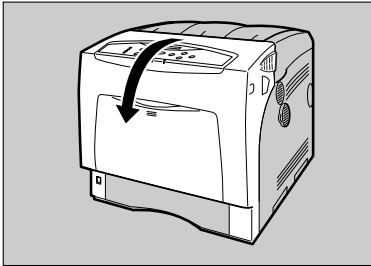
- 6** Close the front cover (A).

Replacing the Fusing Unit

CAUTION:

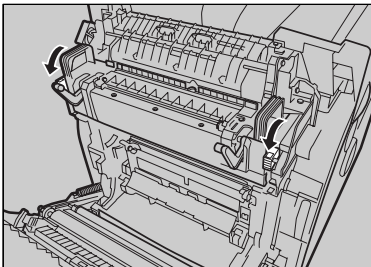
- The fusing unit becomes very hot. When installing a new fusing unit, turn off the printer and wait at least an hour before replacing the old fusing unit. Not allowing the unit to cool may result in burns.

- Slowly open the printer's front cover (A) by pulling the left and right side levers.



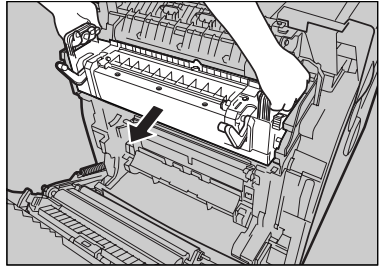
AET0135

- Unlock the fusing unit by lowering the fixing levers on both sides.



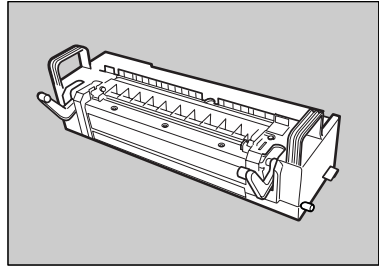
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- Pull out the fusing unit.



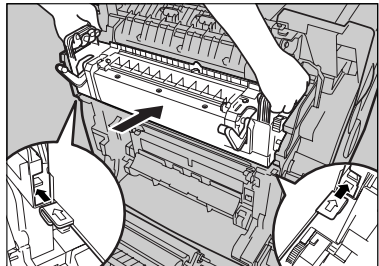
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- Prepare a new fusing unit.



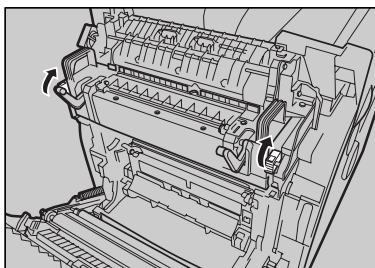
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- Align the new fusing unit with the left and right rails.



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- 6** Push the fusing unit carefully in, until it stops. Then, pull up the fixing lever.

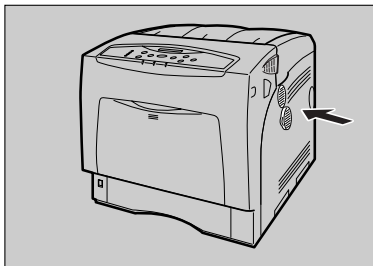


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- 7** Close the front cover (A).

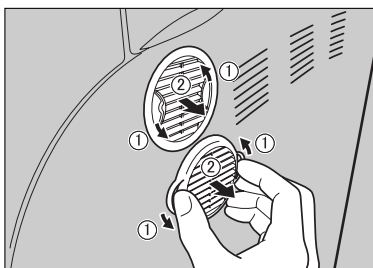
Replacing the Dustproof Filter

The dustproof filter is attached to the left side of the printer, as shown.



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- 1** Turn off the power, and then unplug the power cable.
- 2** Use the grips on both sides to turn and then remove the dustproof filter cover.

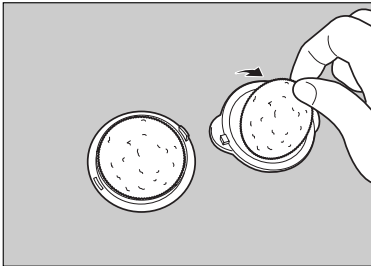


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Note

- ☐ Place the removed dustproof filter cover down on a stable and level surface.

- 3** Carefully remove the dustproof filters attached to the filter's cover.

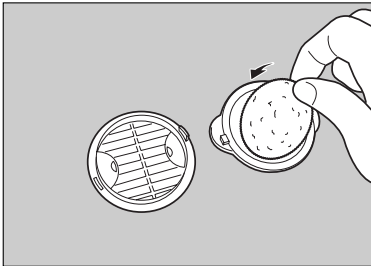


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Important

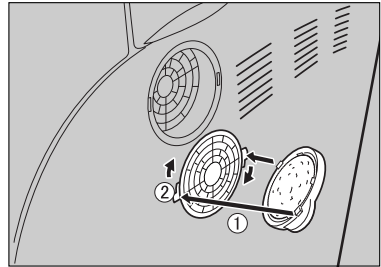
- Handle removed dustproof filters with care. If you shake them, dust might scatter.

- 4** Attach the new dustproof filters to the covers at a time. The dustproof filters are all the same size.

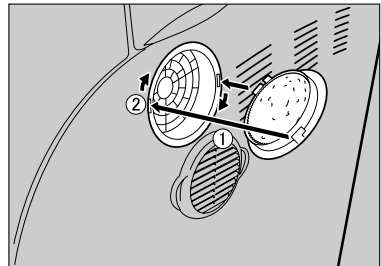


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- 5** Reattach the dustproof filter covers to the machine one at a time.



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- 6** Plug in the power cable, and then turn on the power.

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