



Pro 8200s/8210s/8220s Pro 8210/8220

Operating Instructions

Replacement Guide: TCRU/ORU

TABLE OF CONTENTS

- Introduction..... 3
- How to Read This Manual..... 4
 - Symbols..... 4
 - Disclaimer..... 4
 - Power Switch Symbols..... 4
- Safety During Operation..... 5
- Safety Precautions to Be Followed..... 6
 - Environments Where the Machine Can be Used..... 6
 - Handling power cords and power plugs..... 6
 - Handling the main machine..... 8
 - Handling the machine’s interior..... 9
 - Handling the machine’s supplies..... 10

1. Before You Begin

- What You Need..... 13
- General Cautions..... 14
- Names of Components..... 15
- Control Panel..... 16
- Turning Off/On the Power..... 17
 - Turning Off the Main Power..... 17
 - Turning On the Main Power..... 18
- Specifying System Auto-Reset Timer..... 20
- Preparation..... 21
- Resetting the Replaceable Parts Counter..... 22

2. Replacing the Paper Feed Rollers

- Before You Begin..... 25
 - Tray Names..... 26
 - Position of the paper feed rollers..... 27
 - Replaceable Parts..... 28
- Replacing the Rollers in Tray 1..... 30
 - If A3 Tray Unit Is Attached..... 34
- Replacing the Rollers in Tray 2/3..... 38
- Replacing the Rollers in the Wide LCT..... 40
 - Replacing the Rollers in the Wide LCT 4..... 40

Replacing the Rollers in the Wide LCT 5/6.....	44
Replacing the Rollers in the LCT.....	50
Replacing the Rollers in the LCT 4.....	50
Replacing the Rollers in the LCT 5.....	53
Replacing the Rollers in the LCT 6.....	57
Replacing the Rollers in the Bypass Tray.....	62
Replacing the Rollers in the ADF.....	66
3. Development Unit	
Before You Begin.....	75
Replaceable Parts.....	75
Replacing the Charge Unit/Cleaning Unit for Photoconductor Unit/Photoconductor Unit.....	77
4. Cleaning Unit for Intermediate Transfer Belt	
Before You Begin.....	91
Replaceable Parts.....	91
Replacing the Cleaning Unit for Intermediate Transfer Belt.....	92
5. Transfer Unit	
Before You Begin.....	101
Replaceable Parts.....	101
Replacing the Transfer Unit.....	102
6. Fusing Unit	
Before You Begin.....	107
Replaceable Parts.....	107
Replacing the Cleaning Unit for the Fusing Unit/Fusing Assembly.....	109
7. Developer	
Before You Begin.....	115
Replaceable Parts.....	115
Replacing the Developer.....	116
8. Waste Toner Bottle	
Before You Begin.....	125
Replaceable Parts.....	126
Replacing the Waste Toner Bottle.....	127

Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

This manual is only for operators who have received proper training.

- Never perform any procedure in this manual if you have not received proper training.
- If you have received training and are not sure how to perform a procedure, call your service representative.
- Even if you have received training, never attempt any procedure that is not shown in this manual.
- The contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating this machine.

How to Read This Manual

Symbols

This manual uses the following symbols:

 **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

 **Note**

Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

 **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

[]

Indicates the names of keys on the machine's display or control panels.

Disclaimer

Contents of this manual are subject to change without prior notice.

In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Power Switch Symbols

Where symbols are used on or near switches on machines for Europe and other areas, the meaning of each symbol conforms with IEC60417.

I ON

⏻ STANDBY

Safety During Operation

In this manual, the following important symbols are used:

 **WARNING**

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

 **CAUTION**

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

Safety Precautions to Be Followed

Environments Where the Machine Can be Used

WARNING

- Do not use flammable sprays or solvents in the vicinity of this machine. Also, avoid placing these items in the vicinity of this machine. Doing so could result in fire or electric shock.

- Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.

CAUTION

- Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.

- Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.

- Make sure the room where you are using the machine is well ventilated and spacious. Good ventilation is especially important when the machine is used heavily.

Handling power cords and power plugs

WARNING

- Do not use any power sources other than those that match the specifications shown in this manual. Doing so could result in fire or electric shock.

- Do not use any frequencies other than those that match the specifications shown. Doing so could result in fire or electric shock.

- Do not use multi-socket adaptors. Doing so could result in fire or electric shock.

WARNING

- Do not use extension cords. Doing so could result in fire or electric shock.
- Do not use power cords that are damaged, broken, or modified. Also, do not use power cords that have been trapped under heavy objects, pulled hard, or bent severely. Doing so could result in fire or electric shock.
- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.
- Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.
- The supplied power cord is for use with this machine only. Do not use it with other appliances. Doing so could result in fire or electric shock.
- If the power cord is damaged and its inner wires are exposed or broken, contact your service representative for a replacement. Use of damaged power cords could result in fire or electric shock.
- Be sure to disconnect the plug from the wall outlet at least once a year and check for the following:
 - There are burn marks on the plug.
 - The prongs on the plug are deformed.
- If any of the above conditions exist, do not use the plug and consult your dealer or service representative. Use of the plug could result in fire or electric shock.
- Be sure to disconnect the power cord from the wall outlet at least once a year and check for the following:
 - The power cord's inner wires are exposed, broken, etc.
 - The power cord's coating has a crack or dent.
 - When bending the power cord, the power turns off and on.
 - Part of the power cord becomes hot.
 - The power cord is damaged.
- If any of the above conditions exist, do not use the power cord and consult your dealer or service representative. Use of the power cord could result in fire or electric shock.

CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.
- Be sure to push the plug of the power cord fully into the wall outlet. Partially inserted plugs create an unstable connection that can result in unsafe buildup of heat.
- Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.
- If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.
- When performing maintenance on the machine, always disconnect the power cord from the wall outlet.

Handling the main machine

WARNING

- The following explains the warning messages on the plastic bag used in this product's packaging.
 - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.
- Be sure to locate the machine as close as possible to a wall outlet. This will allow easy disconnection of the power cord in the event of an emergency.
- If the machine emits smoke or odours, or if it behaves unusually, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.
- If metal objects, or water or other fluids fall inside this machine, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.

WARNING

- Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.

CAUTION

- Unplug the power cord from the wall outlet before you move the machine. While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.
- After you move the machine, use the caster fixture to fix it in place. Otherwise the machine might move or come down to cause an injury.
- Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users. The machine's various handling areas are for service engineer use only. Do not touch these areas.
- Do not look into the lamp. It can damage your eyes.
- Do not hold the control panel while moving the machine. Doing so may damage the control panel, cause a malfunction, or result in injury.
- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so result in an injury if your hands or fingers are pinched.

Handling the machine's interior

WARNING

- Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard and laser components that could cause blindness. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock. Note again that exposure to the laser components inside this machine risks blindness.

CAUTION

- Some of this machine's internal components get very hot. For this reason, take care when removing misfed paper. Not doing so could result in burns.

CAUTION

- The inside of the machine could be very hot. Do not touch the parts with a label indicating the "hot surface". Otherwise, an injury might occur.
- When removing jammed paper, make sure not to trap or injure your fingers.
- When loading paper, take care not to trap or injure your fingers.
- Keep your hands clear of the booklet finisher tray when removing misfed paper, pulling out or pushing in the finisher's staple unit. You can trap and injure your fingers if you do not.
- During operation, rollers for transporting the paper and originals revolve. A safety device has been installed so that the machine can be operated safely. But take care not to touch the machine during operation. Otherwise, an injury might occur.
- If the machine's interior is not cleaned regularly, dust will accumulate. Fire and breakdown can result from heavy accumulation of dust inside this machine. Contact your sales or service representative for details about and charges for cleaning the machine's interior.

Handling the machine's supplies

WARNING

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.
- The following explains the warning messages on the plastic bag used in this product's packaging.
 - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

CAUTION

- The fusing unit becomes extremely hot during operation. To prevent minor burns, allow the machine to cool for at least 30 minutes before you remove the fusing unit.
- The fusing unit weighs approximately around 17.0 kg (37.5 lb).
- When moving the fusing unit, lift it slowly and be careful not to strain yourself. Careless handling or over-exertion when lifting can result in breakage of the unit or injury to yourself.
- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.
- Avoid getting toner on your clothes or skin when replacing toner filter. If your skin comes into contact with toner, wash the affected area thoroughly with soap and water.
- If toner gets on your clothing, wash with cold water. Hot water will set the toner into the fabric and may make removing the stain impossible.

SAFETY AND ECOLOGICAL NOTES FOR DISPOSAL

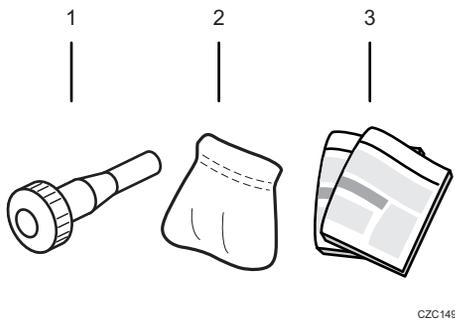
1. Do not incinerate toner bottles or used toner. Toner dust may ignite suddenly when exposed to an open flame.
2. Dispose of used toner and organic photoconductors in accordance with local regulations. (These are non-toxic supplies.)
3. Dispose of replaced parts in accordance with local regulations.



1. Before You Begin

What You Need

Use only the tools and materials described in this manual. Using other tools or materials could damage the machine or cause injury.



1. Hex screwdriver

Use this to remove black hexagonal-head screws from the machine.

2. Drum setting powder pad applicator

Needed to apply a thin coated of powder on the drum.

3. Newspaper or other paper

To prevent toner and other stains getting on the floor, spread sheets of paper out where you intend to place the removed parts.

↓ Note

- The hex screwdriver and drum setting powder pad applicator are included in the maintenance kit. Keep them somewhere safe. If the maintenance kit has any items missing, contact your service representative.

General Cautions

★ Important

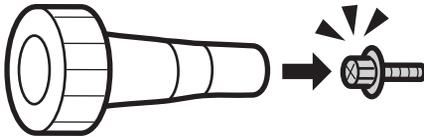
- **Never remove any screw unless you are instructed to do so.**

Handles and levers

- Purple handles and levers are for pulling or lifting parts when you move or remove them. Purple labels on parts indicate exactly where to hold the parts when pulling or lifting them.

Screws

- Replaceable components are secured with black screws. Never remove screws that are not black.
- The hex screwdriver is used to clench the heads of screws, so that they do not drop into the machine during removal.

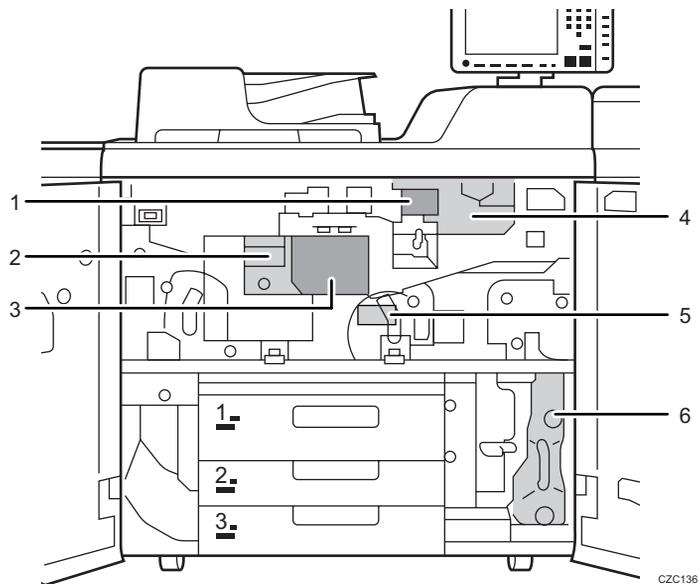


CWH161

Names of Components

⚠ WARNING

- Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock.



1. Developer outlet/inlet
2. Fusing unit
3. Cleaning unit for intermediate transfer belt
4. Development unit
5. Transfer unit
6. Waste toner bottle

Control Panel

1



CZC140

1. Main power indicator
2. Number keys
3. [User Tools] key
4. [Counter] key
5. [Start] key

Turning Off/On the Power

★ Important

- Turn off the main power before carrying out any of the operations described in this manual.

The main power switch is on the left side of the machine. When this switch is turned on, the main power turns on and the main power indicator lights up. When this switch is turned off, the main power turns off and the main power indicator goes out.

Turning Off the Main Power

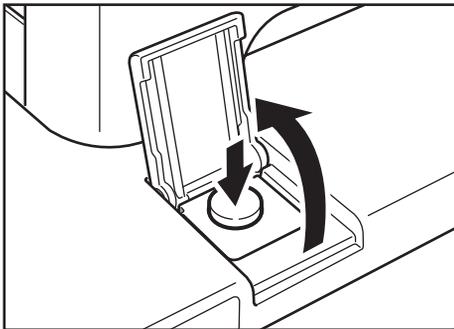
⚠ CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

★ Important

- Do not turn off the power while the machine is in operation.
- Do not hold down the main power switch while turning off the main power. Doing so forcibly turns off the machine's power and may damage the hard disk or memory and cause malfunctions.

1. Open the main power switch cover, and then push the main power switch.



CZC150

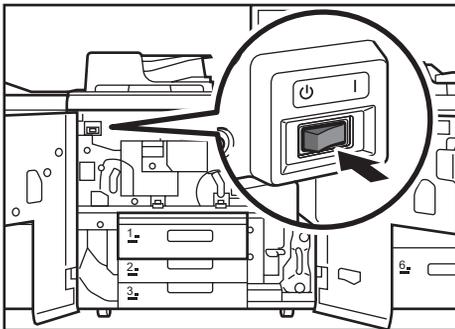
The main power indicator goes out.

2. Open the front covers.



CZC001

3. Push the AC power switch.



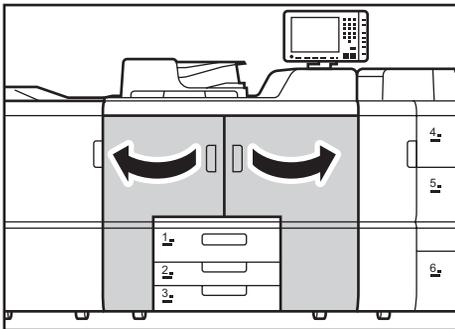
CZC173

4. Unplug the machine and its optional devices from the wall outlet.

Turning On the Main Power

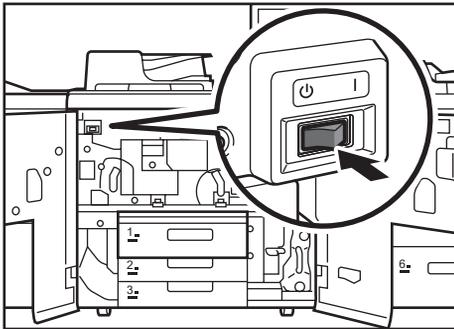
1. Plug the machine and its optional devices into the wall outlet.

2. Open the front covers.



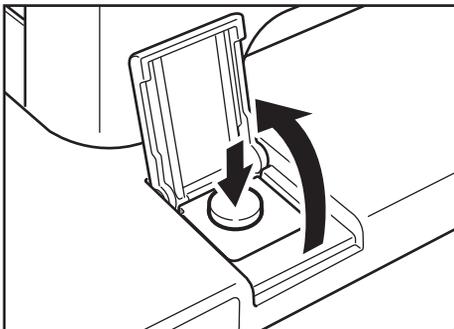
CZC001

3. Push the AC power switch.



CZC172

4. Open the main power switch cover, and push the main power switch.



CZC150

The main power indicator goes on.

↓ Note

- After you switch the main power on, a screen may appear to indicate that the machine is initializing. Do not switch the power off during this process. Initialization takes about 16 minutes.
- If the machine does not turn on even if you press the main power switch, open the front covers and make sure that the AC power switch is turned on. For details about the AC power switch, see "Dos and Don'ts", About this Machine.

Specifying System Auto-Reset Timer

1

To prevent the machine from switching screens while you are replacing parts, set [System Auto Reset Timer] to "Off". After replacing the parts return the setting to "On", if necessary.

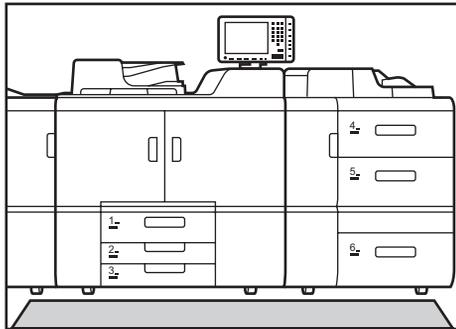
Note

- For details about changing this setting, see [Connecting the Machine/ System Settings](#), which is supplied with this machine.

Preparation

Spread newspaper or other paper in front of the machine before removing any parts.

- The newspaper or other paper will catch small amounts of toner or shreds of dry lubricant that may fall out of the PCUs when they are removed.

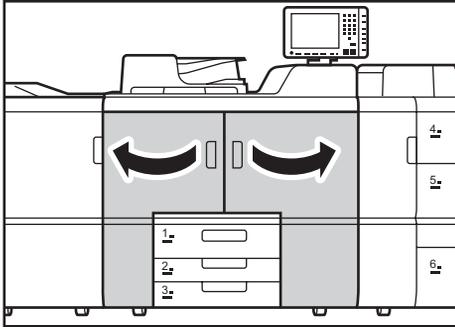


CZC141

Resetting the Replaceable Parts Counter

1

1. Open the front covers.



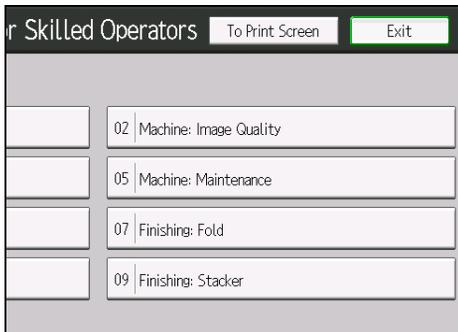
2. Turn the machine on.

See page 17 "Turning Off/On the Power".

3. Access the Adjustment Settings for Skilled Operators menu.

See "Adjustment Settings for Skilled Operators", Adjustment Item Menu Guide: TCRU/ORU.

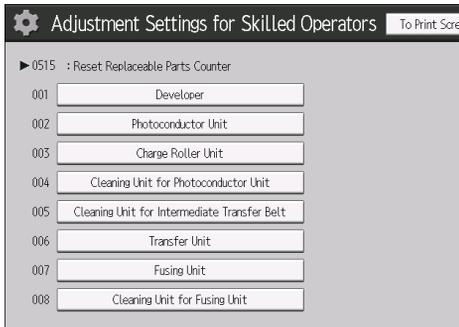
4. Press [Machine: Maintenance].



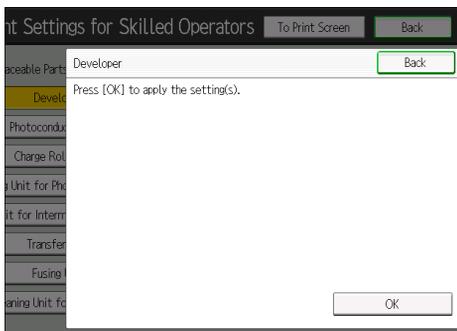
5. Press [Reset Replaceable Parts Counter].



6. Press the button of the part that has been replaced.



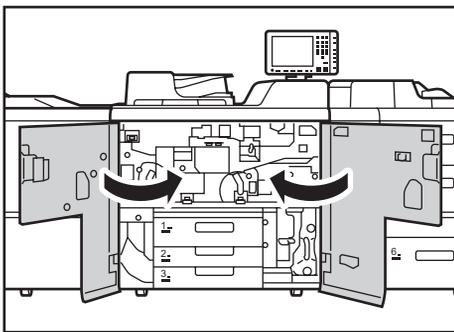
7. Press [OK].



8. Turn the machine off.

See page 17 "Turning Off/On the Power".

9. Close the front covers.



CZC006

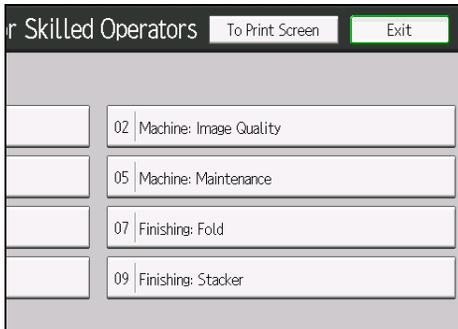
10. Turn the machine on.

The counter for the replaced component is reset. The setting for adjusting the machine for the replaced component is executed automatically.

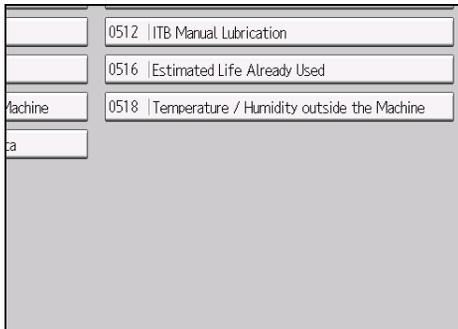
11. Access the Adjustment Settings for Skilled Operators menu.

See "Adjustment Settings for Skilled Operators", Adjustment Item Menu Guide: TCRU/ORU.

12. Press [Machine: Maintenance].



13. Press [Estimated Life Already Used].



14. Make sure the counter has been reset.

2. Replacing the Paper Feed Rollers

Before You Begin

★ Important

- The three rollers must be replaced together.
- Handle new rollers carefully and avoid touching their surfaces with bare hands.
- If you lose a snap ring, contact your service representative.

What You Need

- Hex screwdriver

Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

1. Press the [Counter] key and print out the counter list.

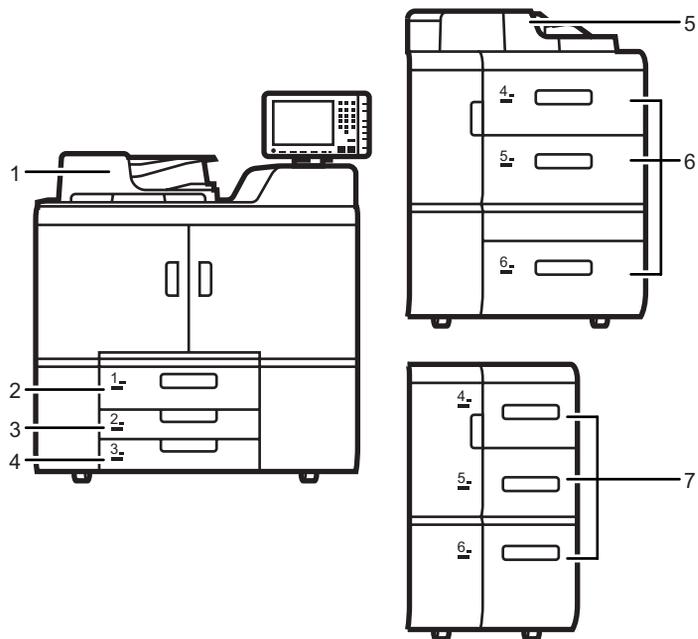
See page 16 "Control Panel".

2. Turn the machine off.

See page 17 "Turning Off/On the Power".

Tray Names

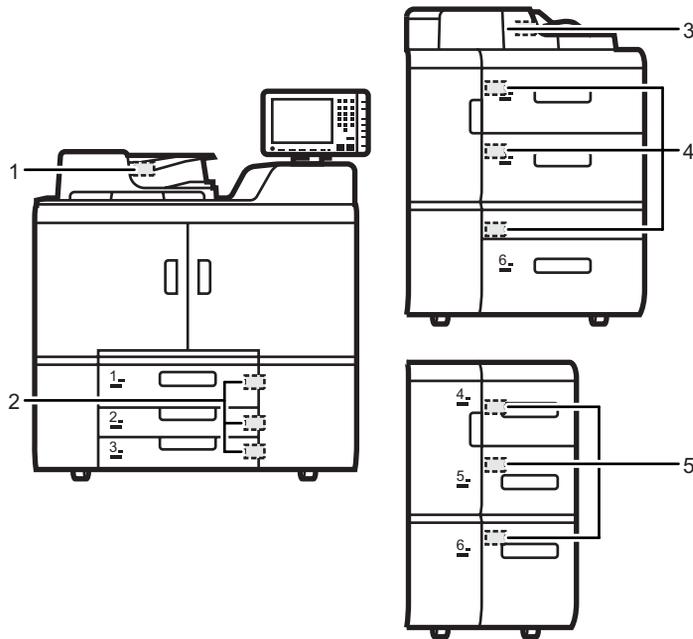
2



CZC138

1. ADF
2. Tray 1
3. Tray 2
4. Tray 3
5. Multi bypass tray
6. Tray 4-6 (wide LCT)
7. Tray 4-6 (LCT)

Position of the paper feed rollers

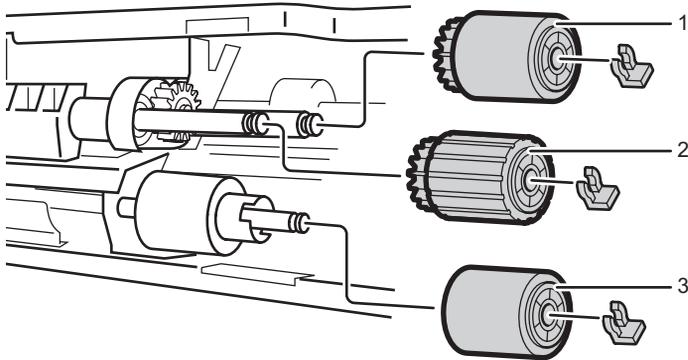


CZC139

1. ADF
2. Trays 1-3
3. Multi bypass tray
4. Tray 4-6 (wide LCT)
5. Tray 4-6 (LCT)

Replaceable Parts

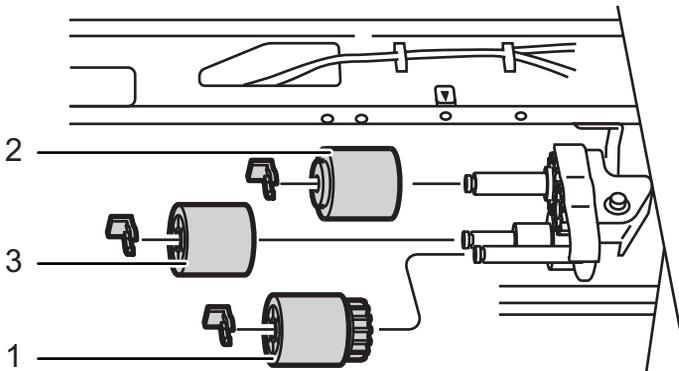
Trays 1-3



CZC142

1. Feed roller
2. Pick-up roller
3. Separation roller

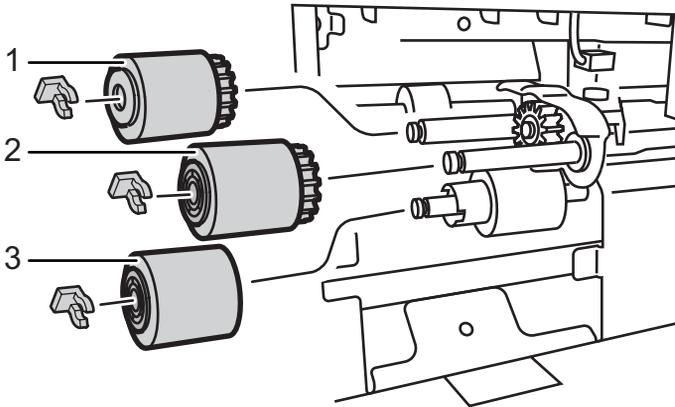
Trays 4-6 (Wide LCD/LCD)



CZC143

1. Pick-up roller
2. Feed roller
3. Separation roller

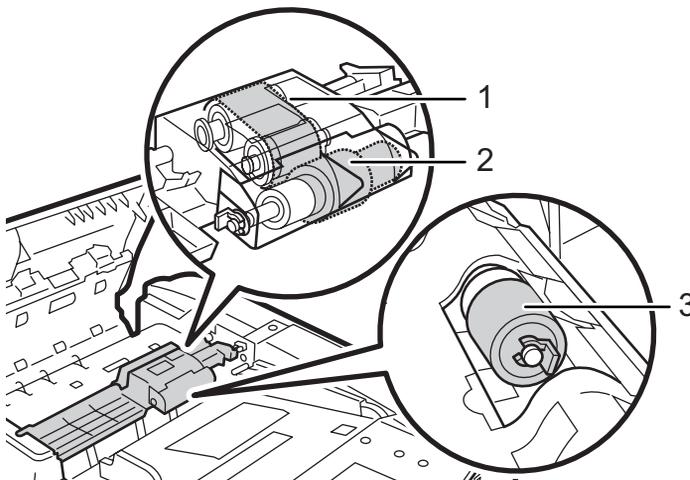
Multi bypass tray



CZC144

1. Feed roller
2. Pick-up roller
3. Separation roller

ADF

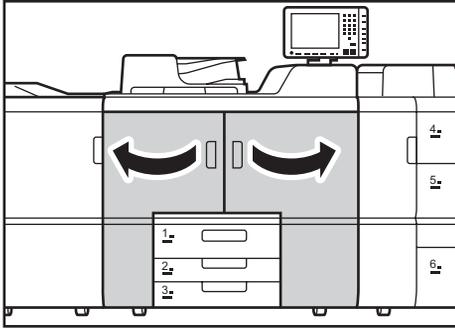


CZC155

1. Paper feed belt
2. Pick-up roller
3. Separation roller

Replacing the Rollers in Tray 1

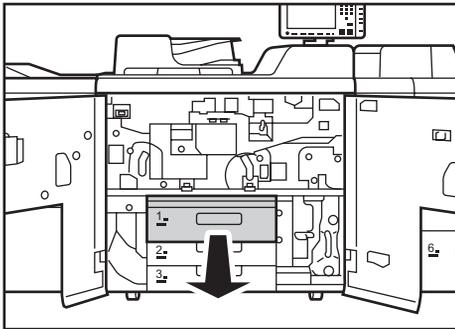
1. Open the front covers.



CZC001

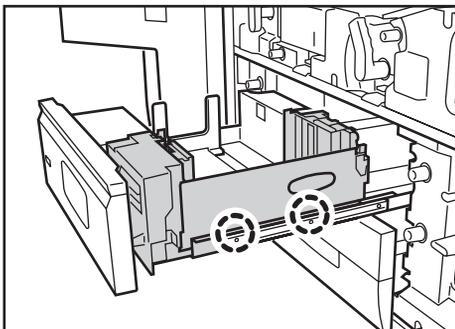
2. Pull open the tray until it stops.

Remove any paper in the tray.



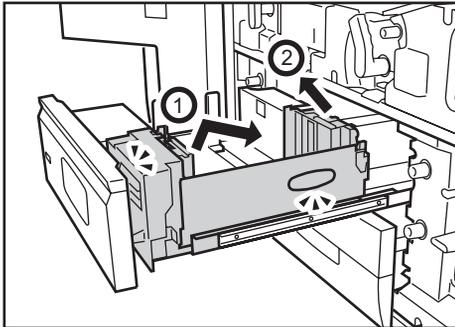
CZC002

3. Remove the 2 screws.

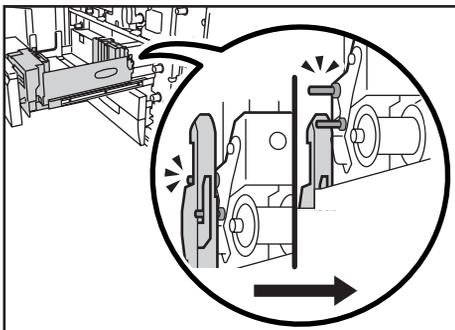


CZC003

4. Push the tray in while lifting its front part slightly, disengage the lock, and then detach the tray.

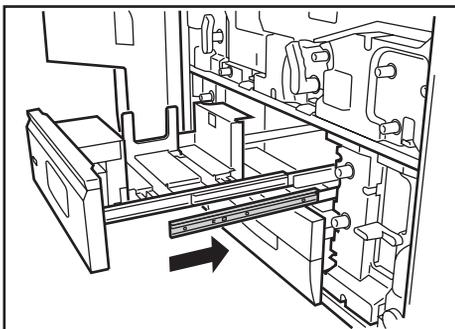


CZC192



CZC193

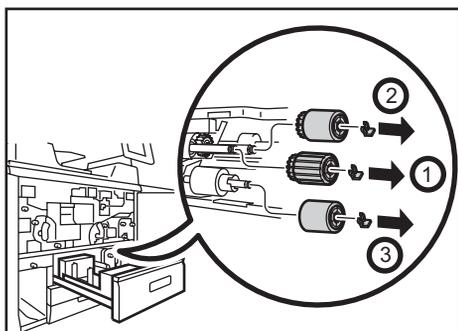
5. Push the guide rail back into the machine.



CZC004

6. Remove the paper feed roller in the following order:

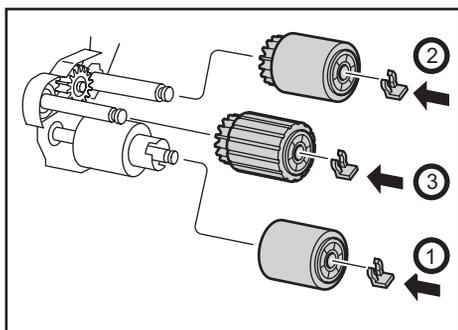
- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller



CZC005

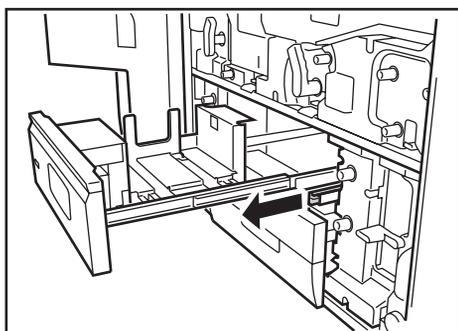
7. Attach the new paper feed roller in the following order:

- (1) Separation roller and snap ring
- (2) Feed roller and snap ring
- (3) Pick-up roller and snap ring



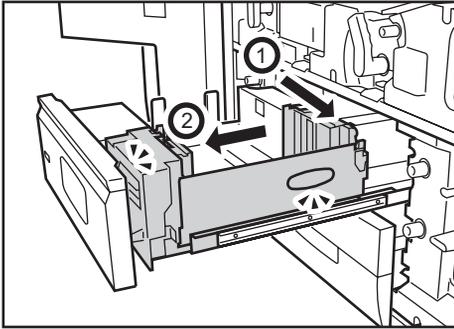
CZC010

8. Pull out the guide rails.



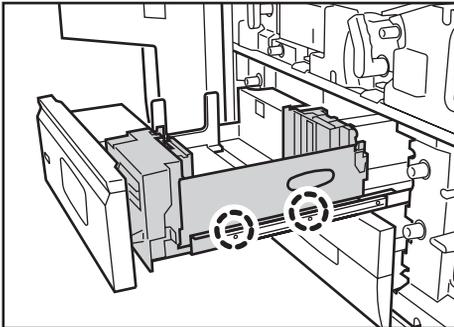
CZC009

9. Engage the tray with the guide rails' thread holes.



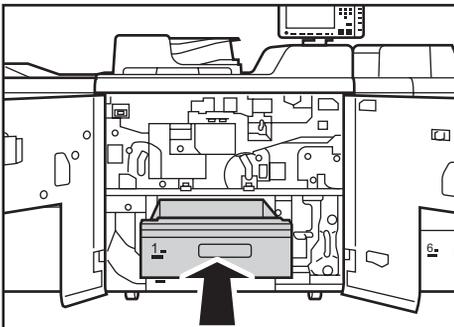
CZC008

10. Secure the tray with the 2 screws.



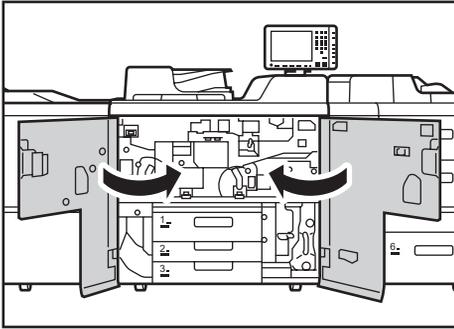
CZC003

11. Push the tray back into the machine.



CZC007

12. Close the front covers.



CZC006

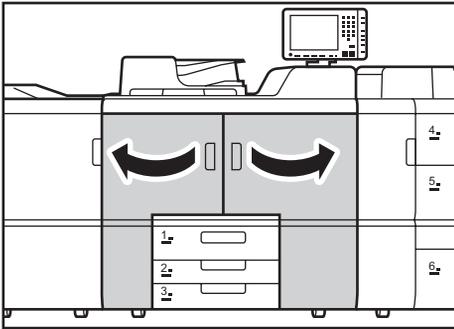
13. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

If A3 Tray Unit Is Attached

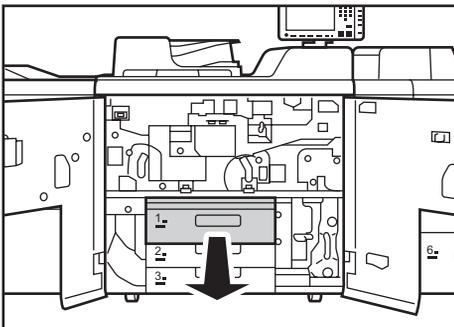
1. Open the front covers.



CZC001

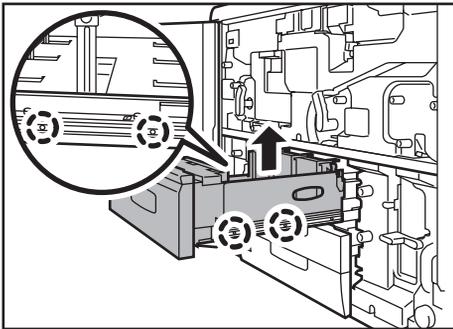
2. Pull open the tray until it stops.

Remove any paper in the tray.



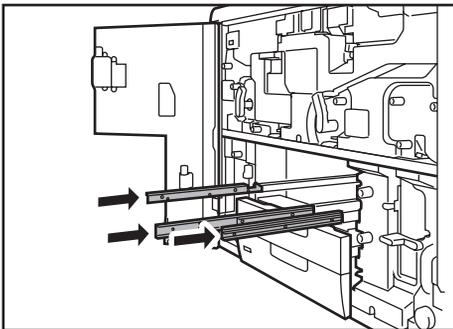
CZC002

3. Remove the four screws, and then lift the inner tray out of the drawer.



DLC301

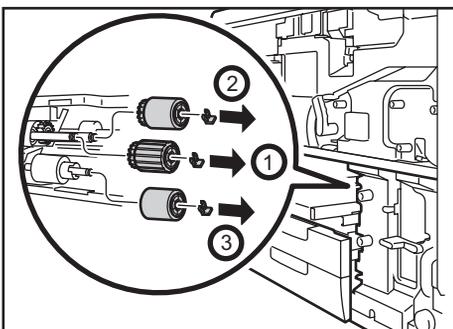
4. Push the guide rails back into the machine.



DLC302

5. Remove the paper feed roller in the following order:

- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller

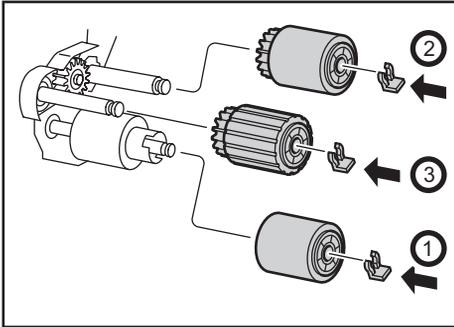


DLC304

6. Attach the new paper feed roller in the following order:

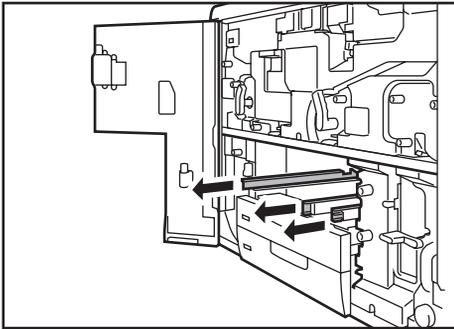
- (1) Separation roller and snap ring
- (2) Feed roller and snap ring

(3) Pick-up roller and snap ring



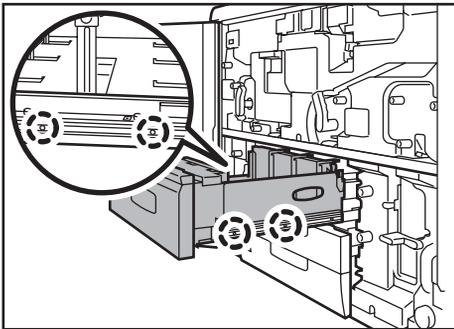
CZC010

7. Pull out the guide rails.



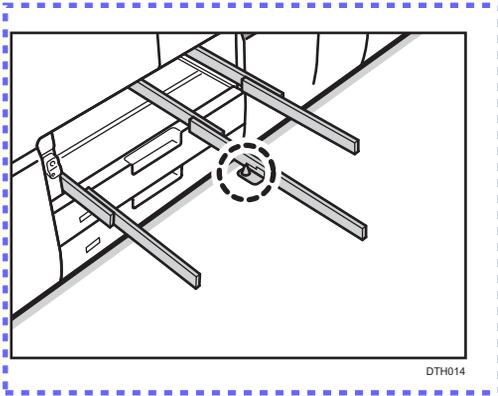
DLC303

8. Attach the inner tray, align it with the screw holes in the left and right guide rails, and secure it with the four screws.



DLC305

When putting the tray on the guide rails, align the hole in the bottom of the tray with the pin on the center rail.



9. Push the tray back into the machine.

10. Reset the counter for replaceable parts.

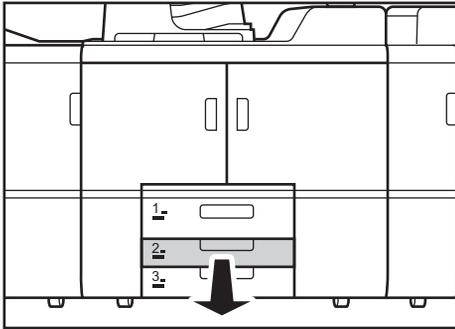
Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

Replacing the Rollers in Tray 2/3

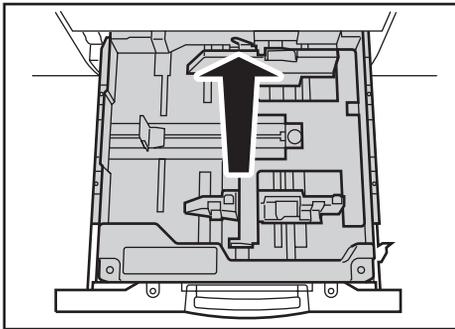
1. Pull open the tray until it stops.

Remove any paper in the tray.



CZC011

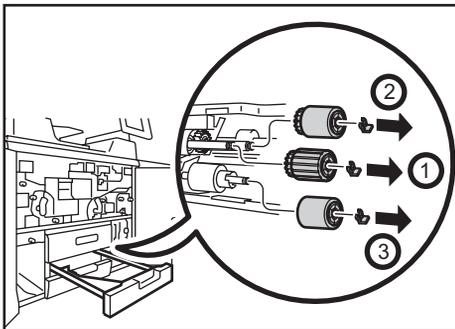
2. Lift the inner tray out of the drawer.



CZC012

3. Remove the paper feed roller in the following order:

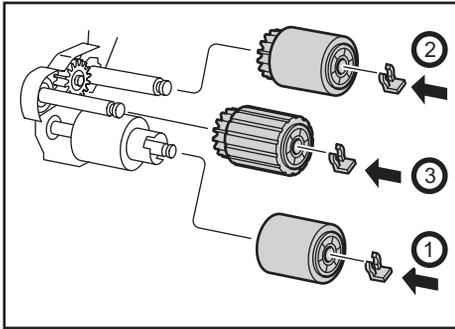
- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller



CZC186

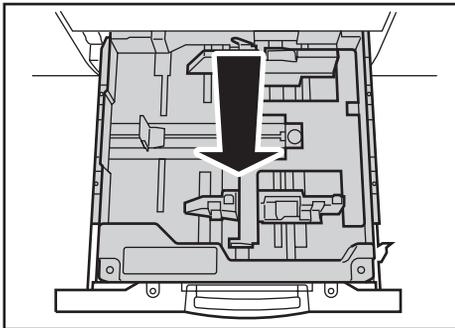
4. Attach the new paper feed roller in the following order:

- (1) Separation roller and snap ring
- (2) Feed roller and snap ring
- (3) Pick-up roller and snap ring



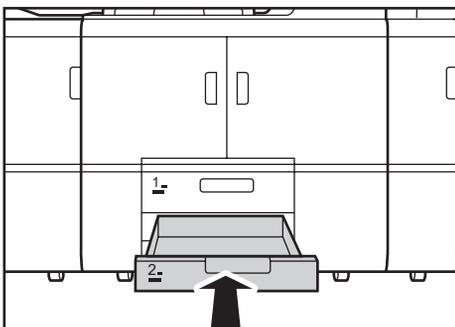
CZC010

5. Mount the inner tray.



CZC014

6. Push the tray back into the machine.



CZC013

7. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

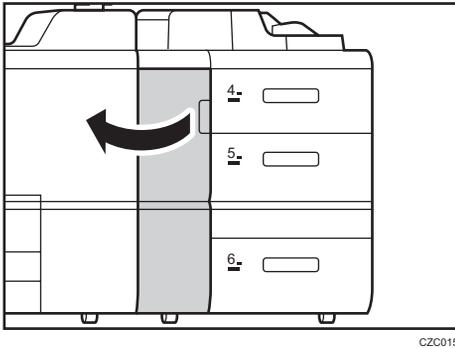
See page 22 "Resetting the Replaceable Parts Counter".

Replacing the Rollers in the Wide LCT

Replacing the Rollers in the Wide LCT 4

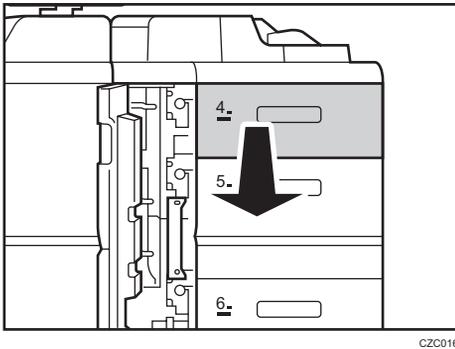
2

1. Open the front cover.

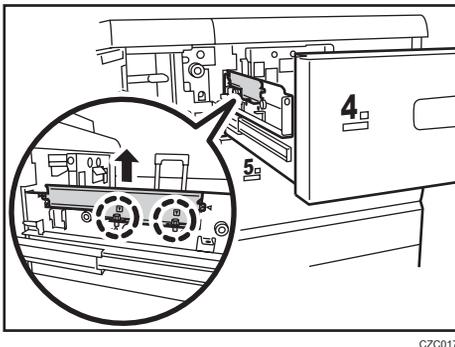


2. Pull open the tray until it stops.

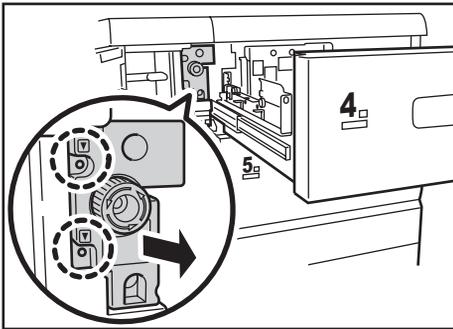
Remove any paper in the tray.



3. Remove the 2 screws, and then remove the side plate.

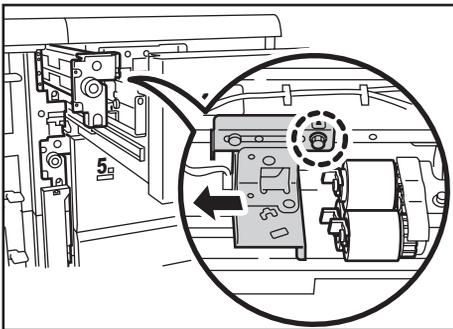


4. Remove the 2 screws, and then pull out the paper feed unit until it stops.



CZC018

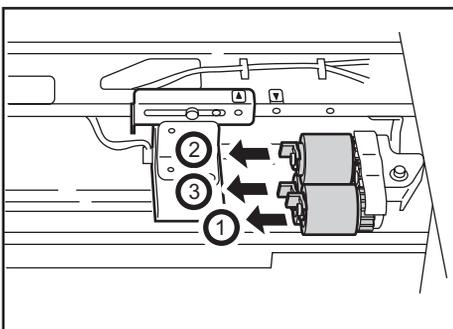
5. Remove the screw, and then slide the bracket.



CZC019

6. Remove the paper feed roller in the following order:

- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller

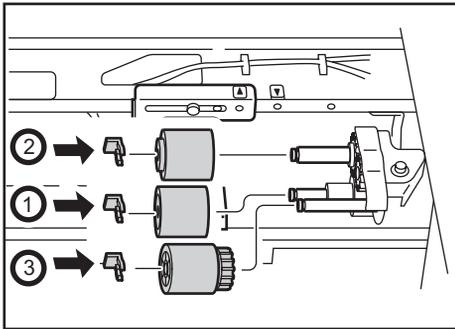


CZC189

7. Attach the new paper feed roller in the following order:

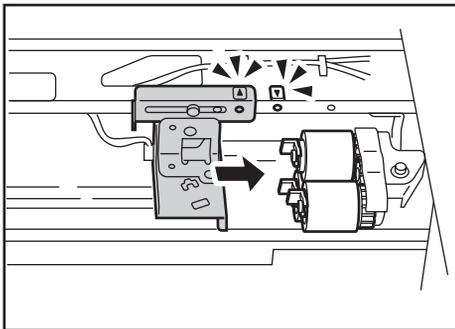
- (1) Separation roller and snap ring
- (2) Feed roller and snap ring

(3) Pick-up roller and snap ring



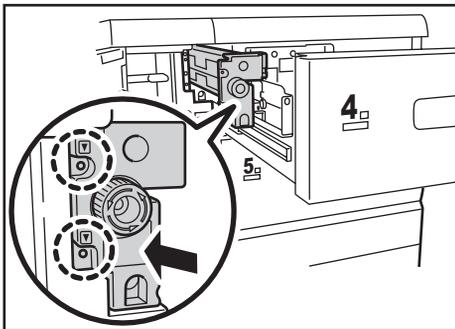
CZC017

8. Slide the bracket back to its original position, and then secure it with the screw.



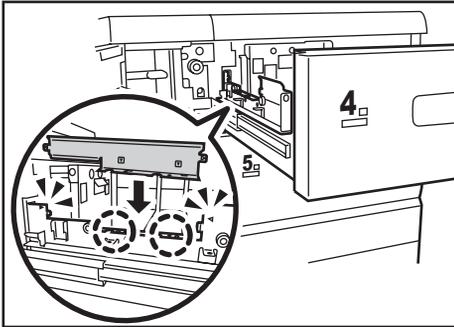
CZC024

9. Push the paper feed unit into the machine, and then secure it with the 2 screws.

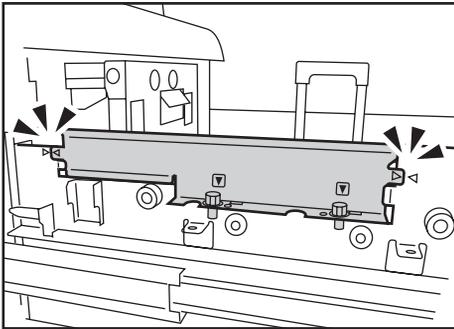


CZC023

10. Align the markers, and then secure the side plate with the 2 screws.

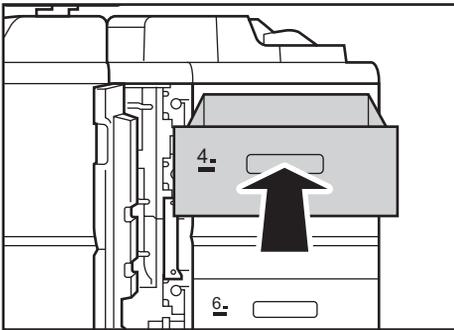


CZC022



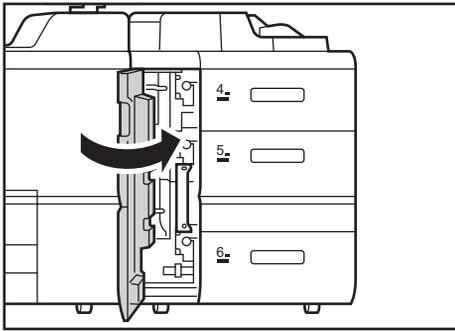
CZC156

11. Push the tray back into the machine.



CZC021

12. Close the front cover.



CZC020

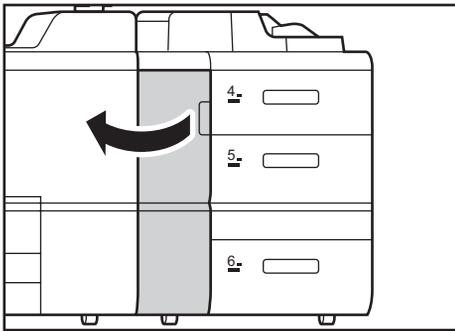
13. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

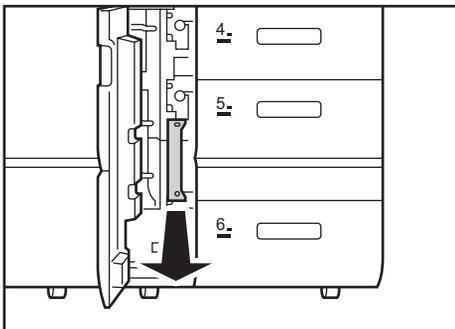
Replacing the Rollers in the Wide LCT 5/6

1. Open the front cover.



CZC015

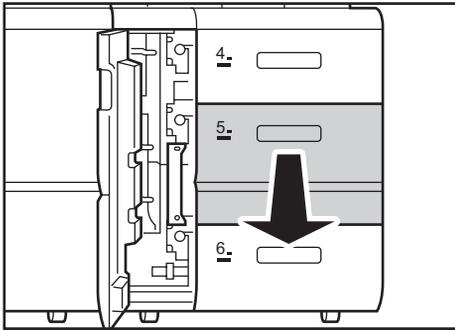
2. Remove the tab paper end fence.



CZC025

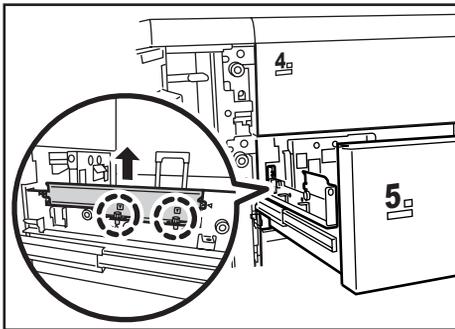
3. Pull open the tray until it stops.

Remove any paper in the tray.



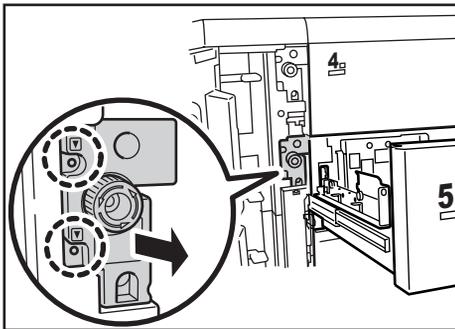
CZC026

4. Remove the 2 screws, and then remove the side plate.



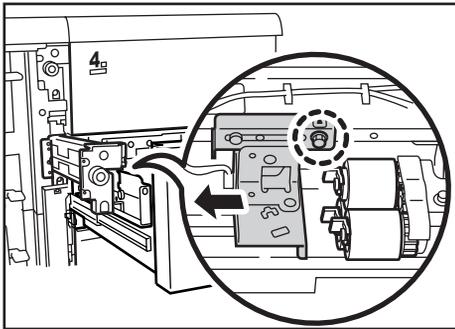
CZC151

5. Remove the 2 screws, and then pull out the paper feed unit until it stops.



CZC152

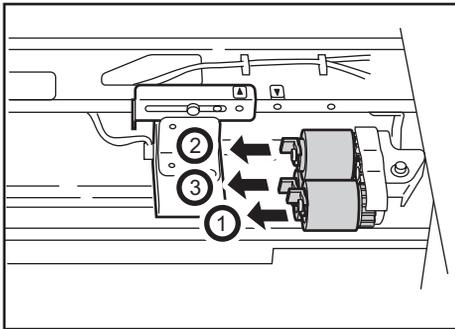
6. Remove the screw, and then slide the bracket.



CZC183

7. Remove the paper feed roller in the following order:

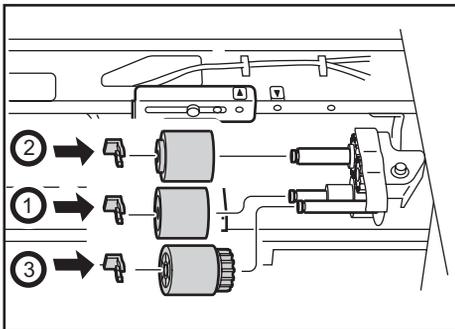
- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller



CZC189

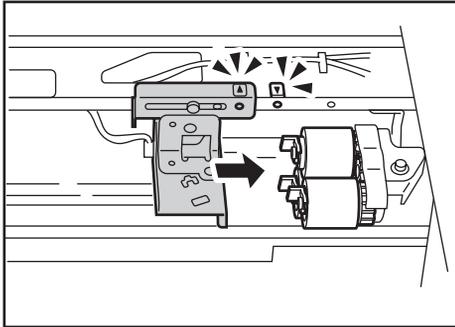
8. Attach the new paper feed roller in the following order:

- (1) Separation roller and snap ring
- (2) Feed roller and snap ring
- (3) Pick-up roller and snap ring



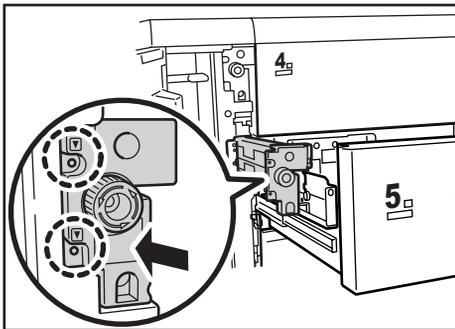
CZC187

9. Slide the bracket back to its original position, and then secure it with the screw.



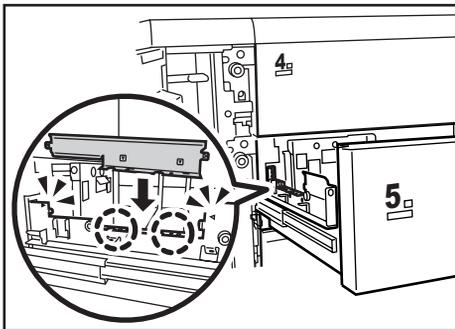
CZC024

10. Push the paper feed unit into the machine, and then secure it with the 2 screws.

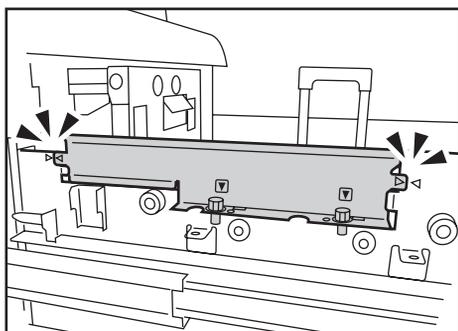


CZC154

11. Align the markers, and then secure the side plate with the 2 screws.

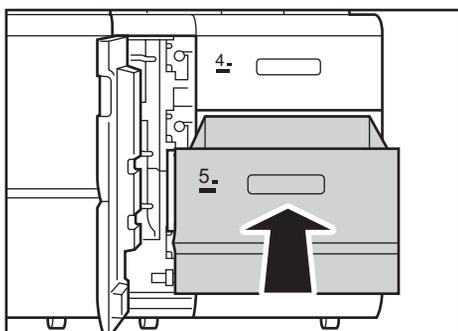


CZC153



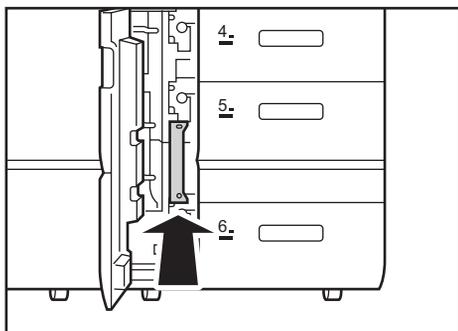
CZC156

12. Push the tray back into the machine.



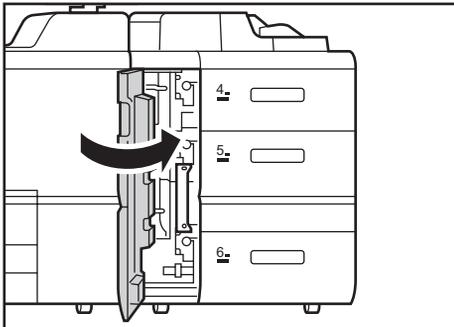
CZC028

13. Attach the tab paper end fence.



CZC027

14. Close the front cover.



CZC020

15. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

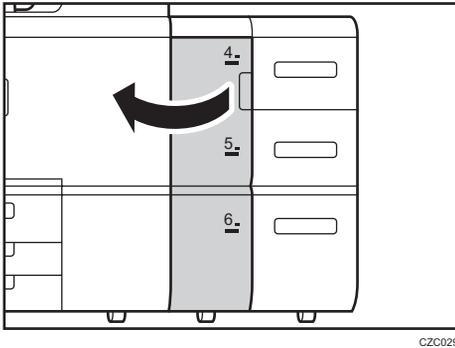
See page 22 "Resetting the Replaceable Parts Counter".

Replacing the Rollers in the LCT

Replacing the Rollers in the LCT 4

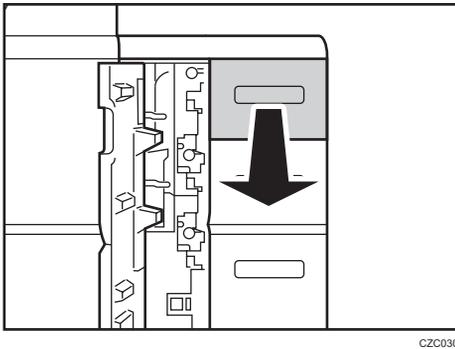
2

1. Open the front cover.

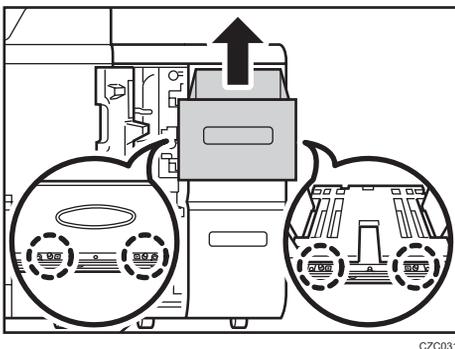


2. Pull open the tray until it stops.

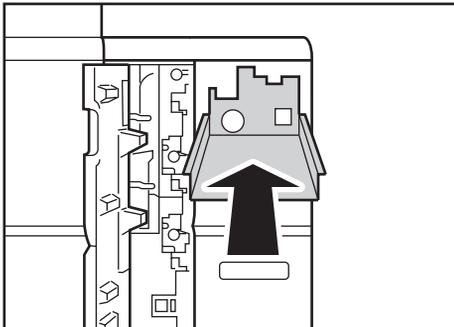
Remove any paper in the tray.



3. Remove the 4 screws, and then lift the inner tray out of the drawer.



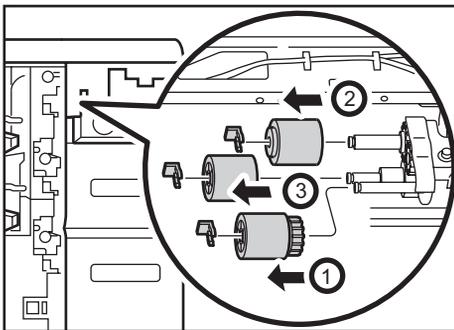
4. Push the guide back into the machine.



CZC032

5. Remove the paper feed roller in the following order:

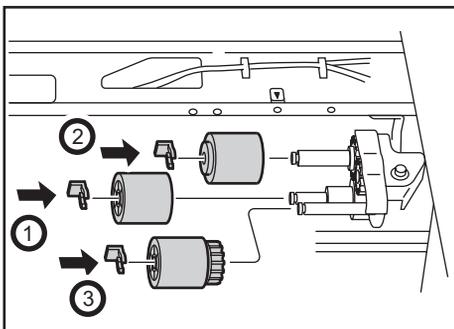
- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller



CZC033

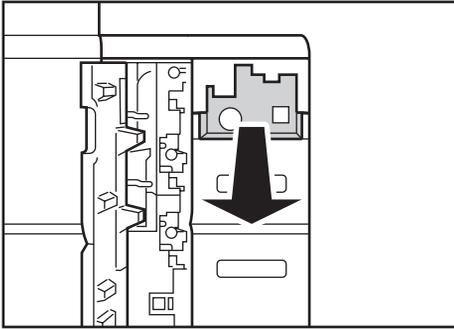
6. Attach the new paper feed roller in the following order:

- (1) Separation roller and snap ring
- (2) Feed roller and snap ring
- (3) Pick-up roller and snap ring



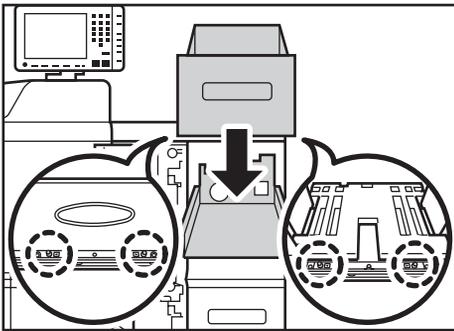
CZC038

7. Pull out the guide.



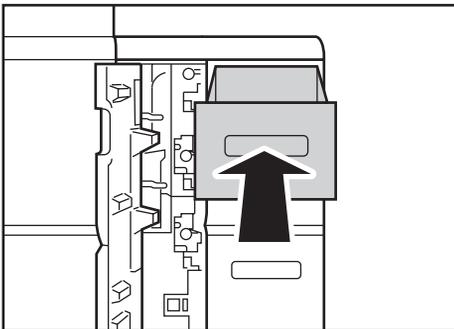
CZC037

8. Mount the inner tray on the guide, and then secure it with 4 screws.



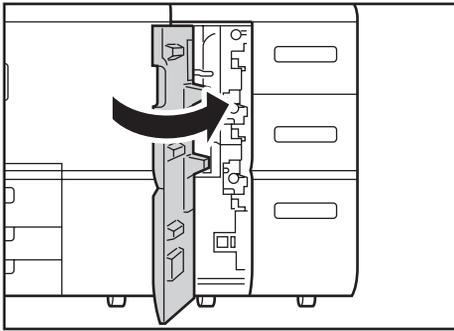
CZC036

9. Push the tray back into the machine.



CZC035

10. Close the front cover.



CZC034

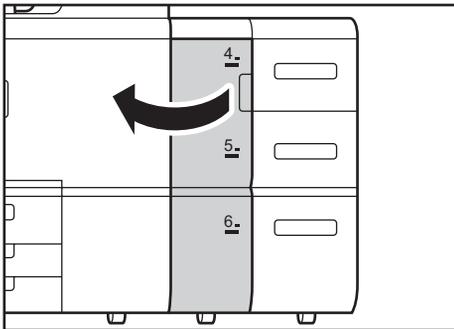
11. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

Replacing the Rollers in the LCT 5

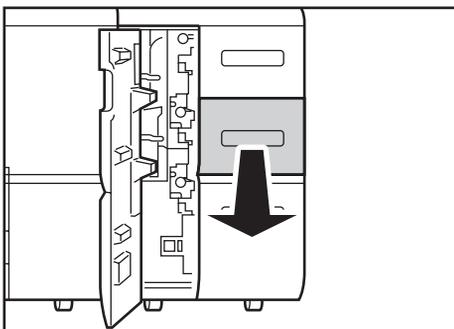
1. Open the front cover.



CZC029

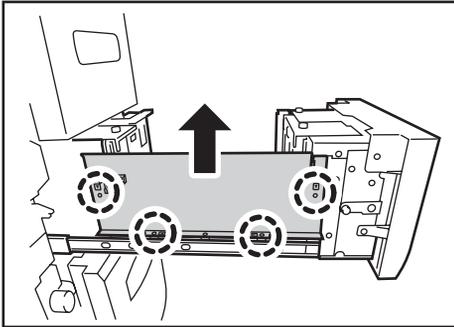
2. Pull open the tray until it stops.

Remove any paper in the tray.



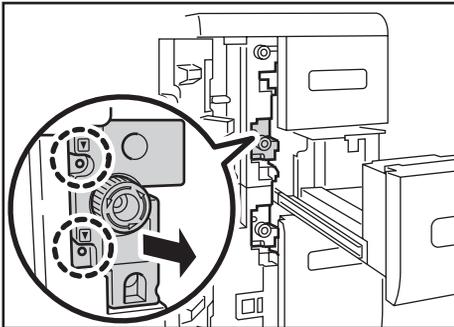
CZC039

3. Remove the 4 screws, and then remove the side plate.



CZC040

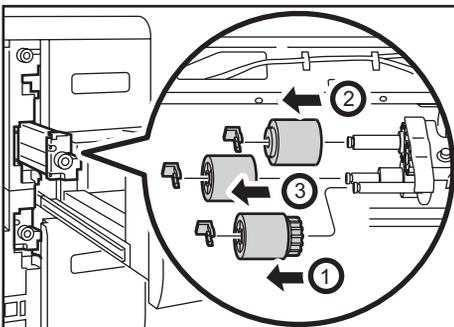
4. Remove the 2 screws, and then pull out the paper feed unit until it stops.



CZC041

5. Remove the paper feed roller in the following order:

- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller

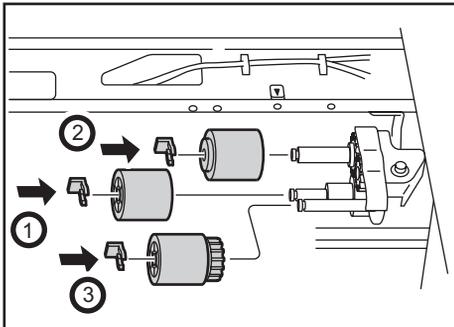


CZC184

6. Attach the new paper feed roller in the following order:

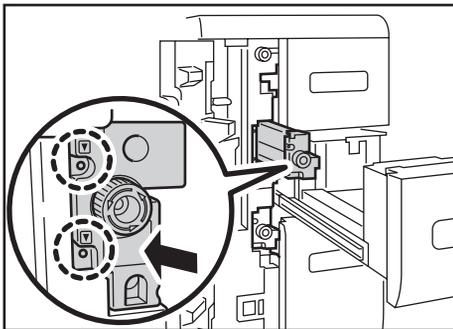
- (1) Separation roller and snap ring
- (2) Feed roller and snap ring

(3) Pick-up roller and snap ring



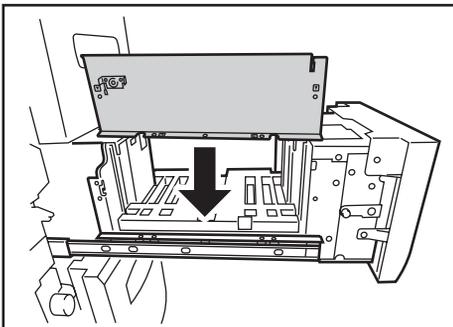
CZC038

7. Push the paper feed unit into the machine, and then secure it with the 2 screws.

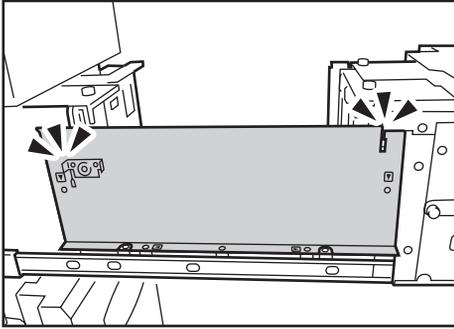


CZC044

8. Align the markers, and then secure the side plate with the 4 screws.

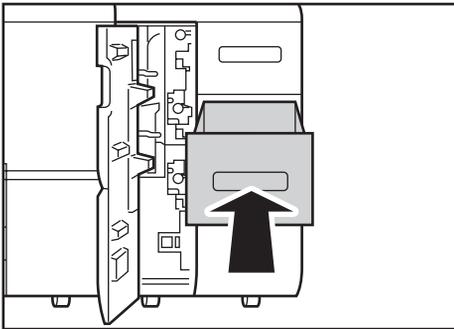


CZC043



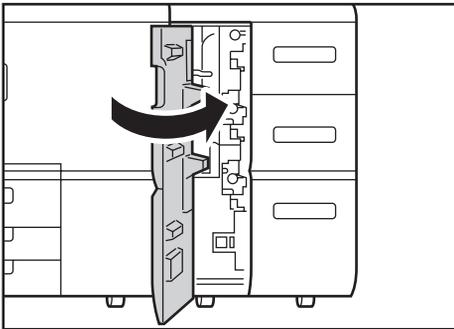
CZC158

9. Push the tray back into the machine.



CZC042

10. Close the front cover.



CZC034

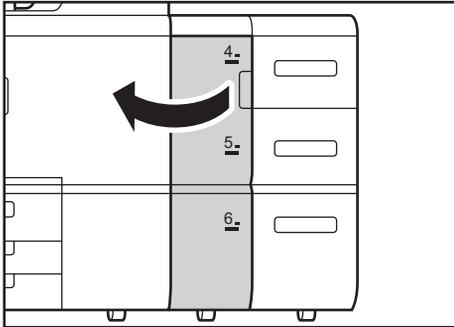
11. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

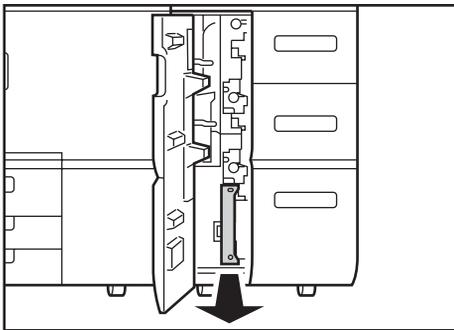
Replacing the Rollers in the LCT 6

1. Open the front cover.



CZC029

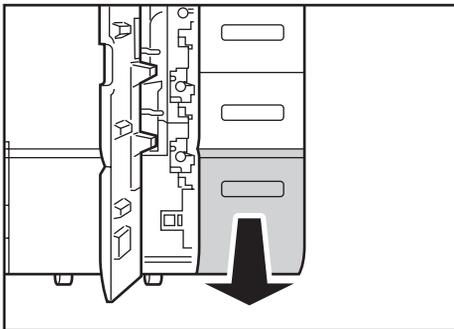
2. Remove the tab paper end fence.



CZC135

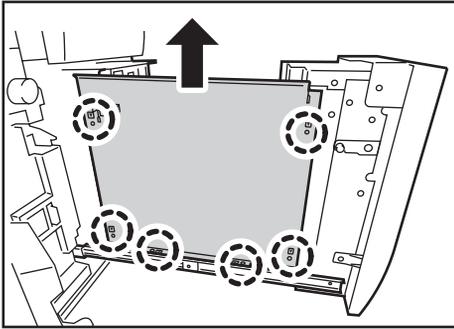
3. Pull open the tray until it stops.

Remove any paper in the tray.



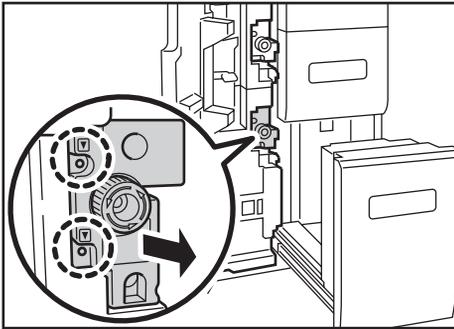
CZC045

4. Remove the 6 screws, and then remove the side plate.



CZC046

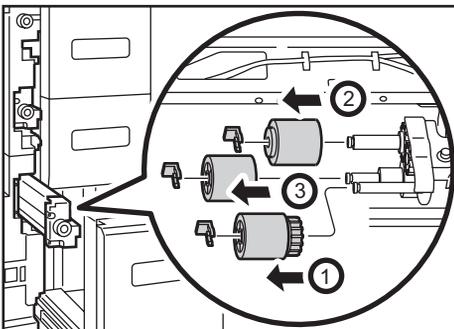
5. Remove the 2 screws, and then pull out the paper feed unit until it stops.



CZC047

6. Remove the paper feed roller in the following order:

- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller

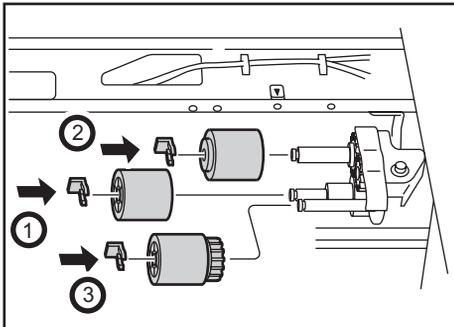


CZC185

7. Attach the new paper feed roller in the following order:

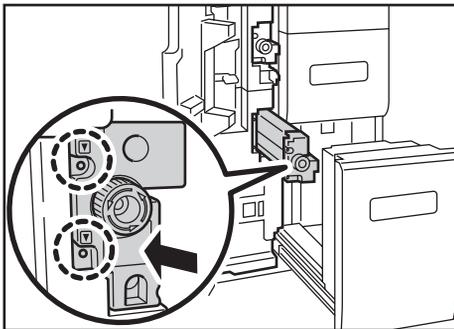
- (1) Separation roller and Snap ring
- (2) Feed roller and Snap ring

(3) Pick-up roller and Snap ring



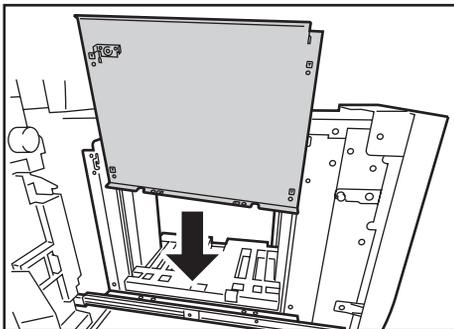
CZC038

8. Push the paper feed unit into the machine, and then secure it with the 2 screws.

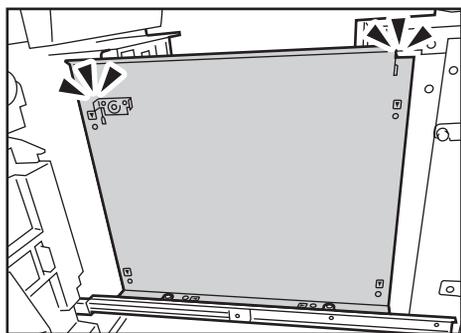


CZC050

9. Align the markers, and then secure the side plate with the 6 screws.

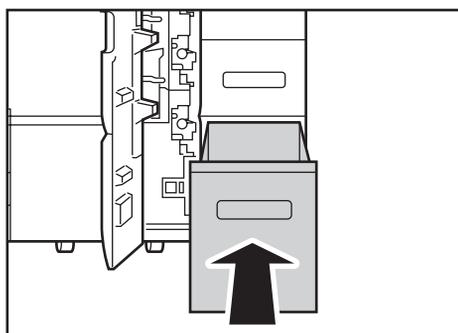


CZC049



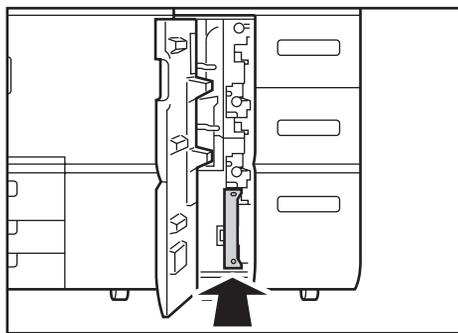
CZC159

10. Push the tray back into the machine.



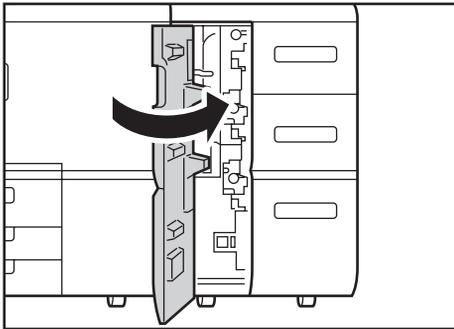
CZC048

11. Attach the tab paper end fence.



CZC134

12. Close the front cover.



C2C034

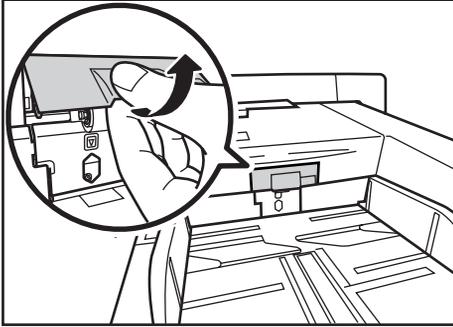
13. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

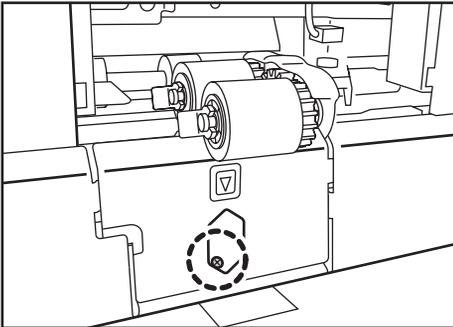
Replacing the Rollers in the Bypass Tray

1. Remove the cover.



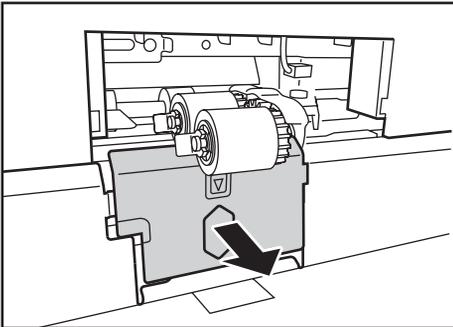
CZC128

2. Remove the screw.



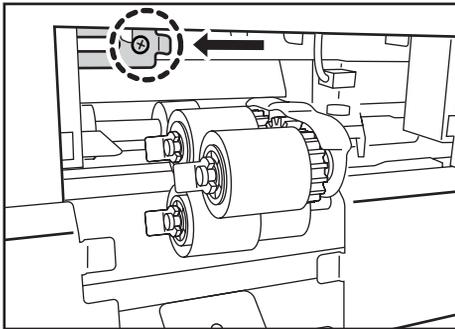
CZC124

3. Remove the plate.



CZC129

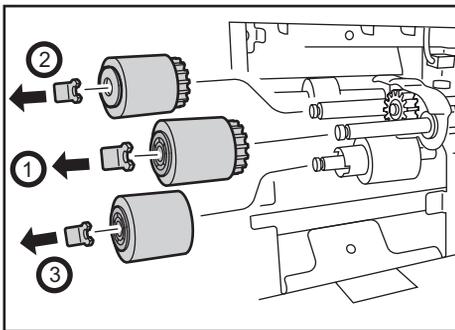
4. Remove the screw, and then slide the bracket.



CZC125

5. Remove the paper feed roller in the following order:

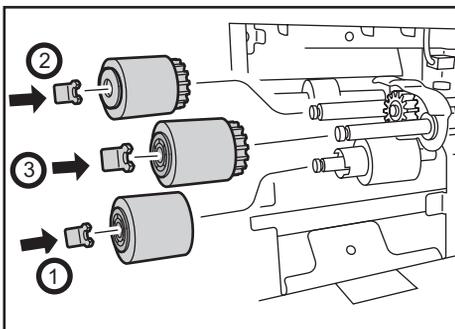
- (1) Snap ring and pick-up roller
- (2) Snap ring and feed roller
- (3) Snap ring and separation roller



CZC132

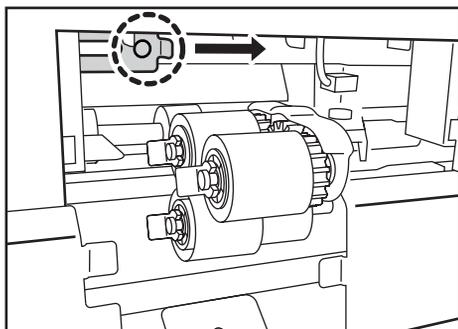
6. Attach the new paper feed roller in the following order:

- (1) Separation roller and Snap ring
- (2) Feed roller and Snap ring
- (3) Pick-up roller and Snap ring



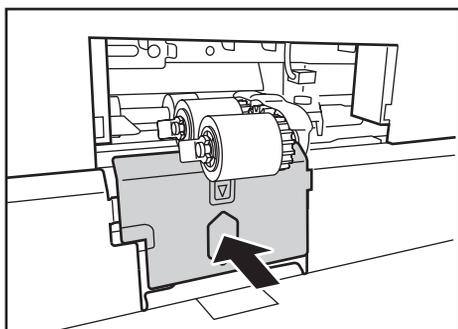
CZC133

7. Slide the bracket back to its original position, and then secure it with the screw.



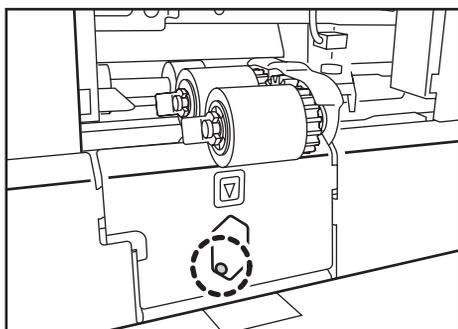
CZC126

8. Attach the plate.



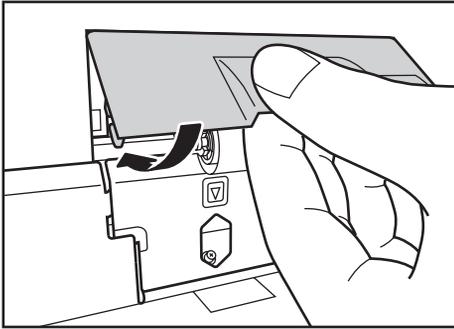
CZC130

9. Secure the plate with the screw.



CZC127

10. Attach the cover.



C2C131

11. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

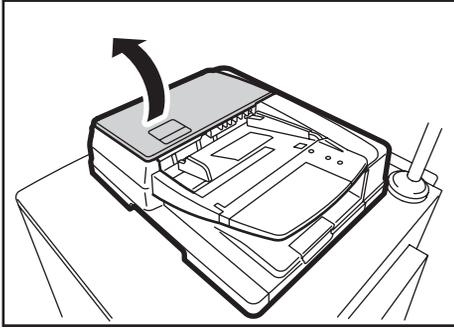
See page 22 "Resetting the Replaceable Parts Counter".

Replacing the Rollers in the ADF

Available rollers are Pro 8210S, Pro8210S, and Pro 8220S.

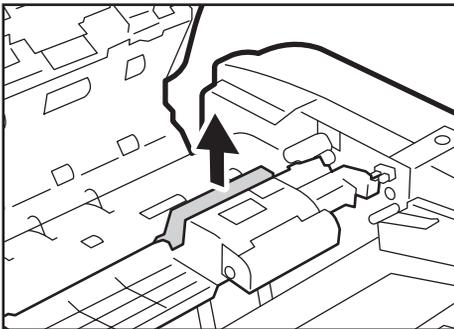
1. Open the ADF cover.

2



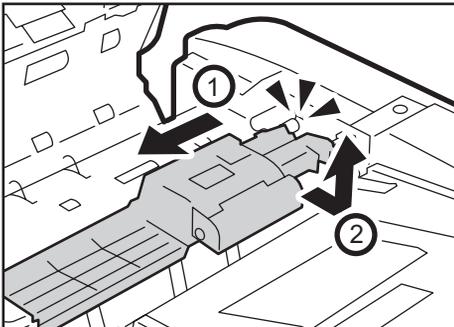
CWH133

2. Remove the retaining plate.



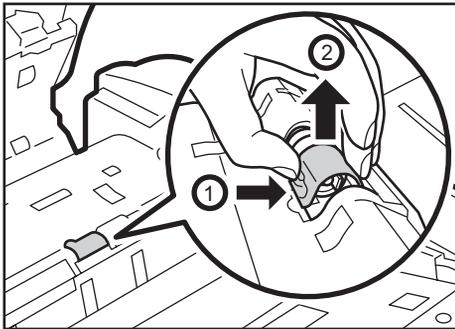
CZC160

3. Pull the shaft toward the front of the machine to detach it, and then remove the paper feed unit.



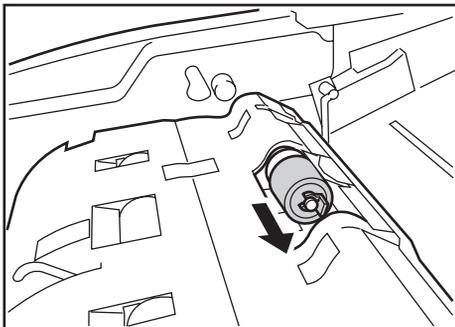
CZC161

4. Remove the separation roller cover.



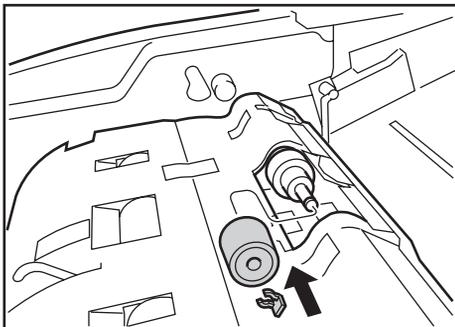
CZC162

5. Remove the separation snap ring and roller.



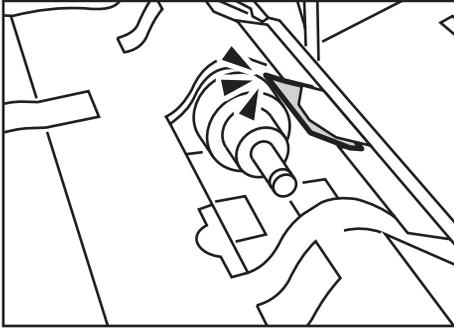
CWH136

6. Mount the new separation roller and the snap ring.



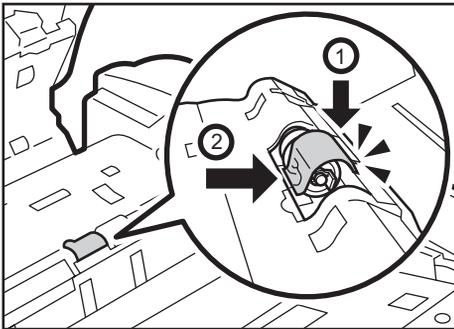
CWH137

When you replace the parts, be careful not to bend the film.



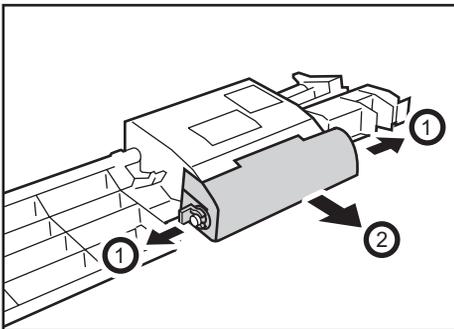
C2C194

7. Attach the separation roller cover by aligning the tabs.



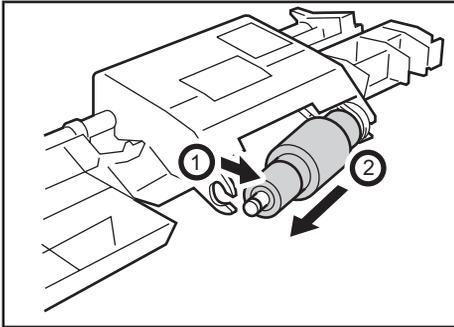
C2C163

8. Remove the two pick-up roller's snap rings and bearings, and then remove the pick-up roller cover.



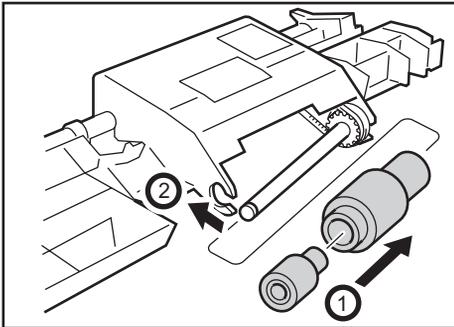
DTH001

9. Disengage the shaft, remove the white component, and then remove the pick-up roller.



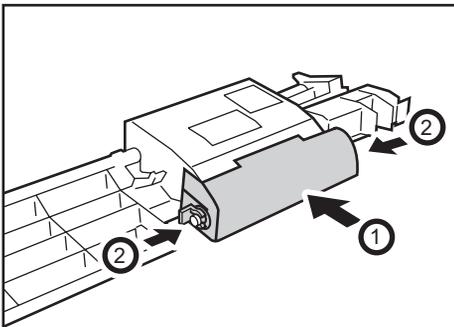
CWH140

10. Mount the new pick-up roller and reattach the white component and the shaft.



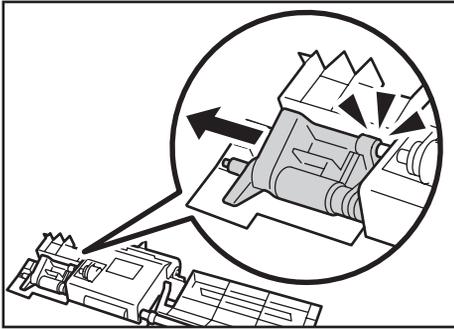
CWH141

11. Attach the cover, and then fit the two bearings and snap rings.



DTH002

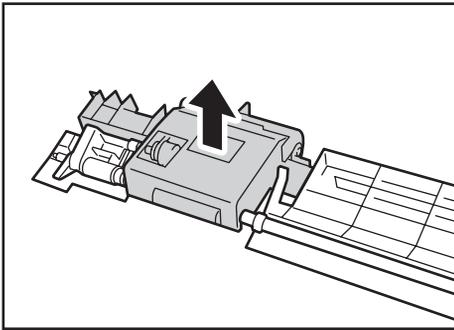
12. Pulling the white component away, disengage the projecting part from the pick-up roller.



CZC175

13. Remove the component containing the pick-up roller.

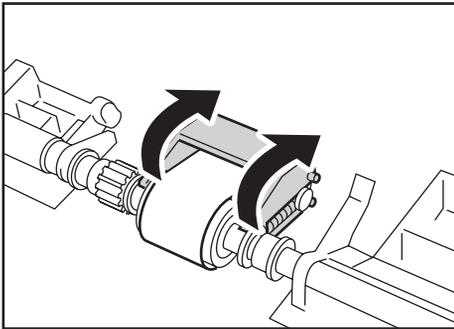
Be sure to disengage the projecting part before removing the component. If you try to remove it forcefully, you may damage it.



CZC176

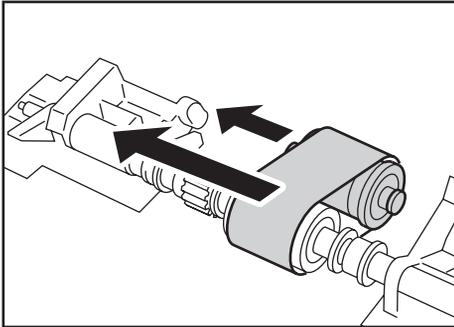
14. Remove the paper feed belt cover.

The paper feed belt cover's spring comes off easily. Be careful not to lose it.



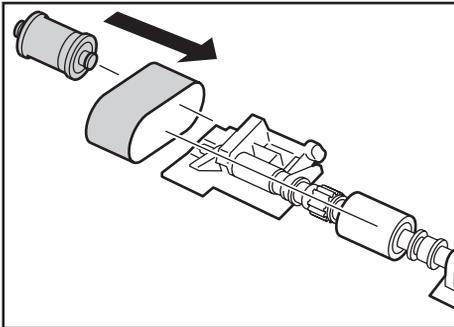
CZC177

15. Remove the idler roller and the paper feed belt.



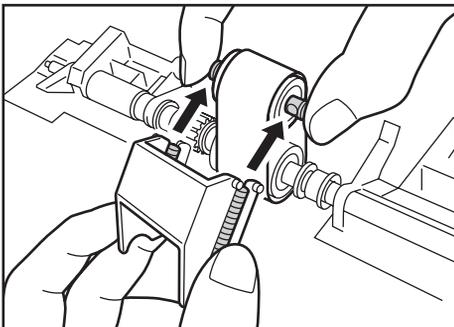
CWH145

16. Install the new paper feed belt and reattach the idler roller.



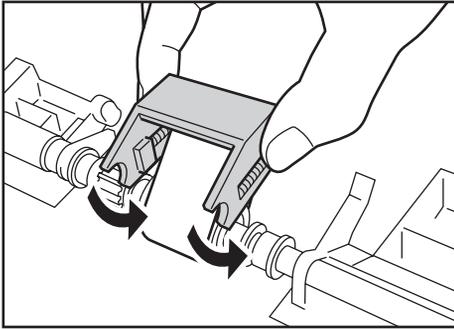
CWH146

17. Insert the cover's bars into the holes in the idler roller's shaft.



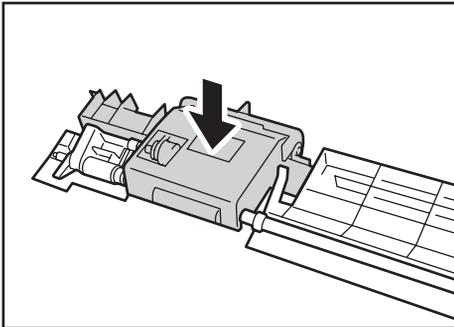
CZC178

18. Attach the paper feed belt cover.



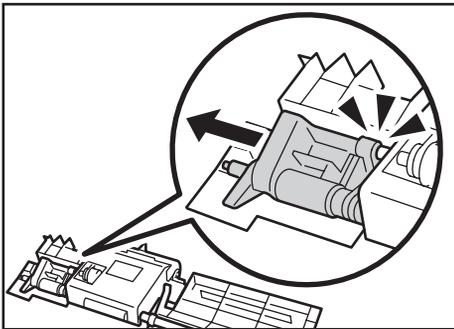
CZC180

19. Attach the component containing the pick-up roller.



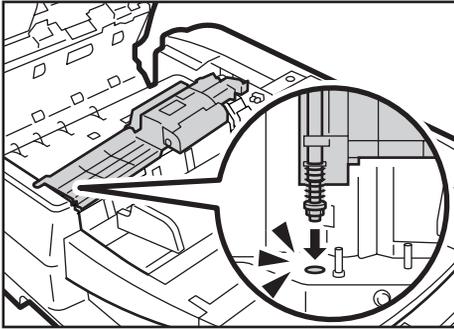
CZC179

20. Pull the white component and insert the stud into the component containing the pick-up roller.



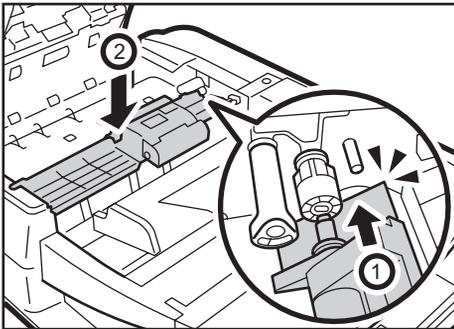
CZC175

21. Insert the end of the shaft into the hole.



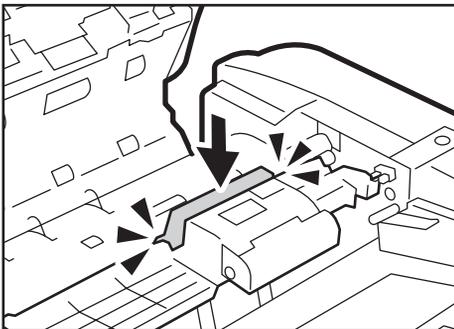
CZC181

22. Install the paper feed unit by inserting the end of the shaft into the socket in the white component, making sure that the end of the shaft and the socket have the same cross-sectional shape.



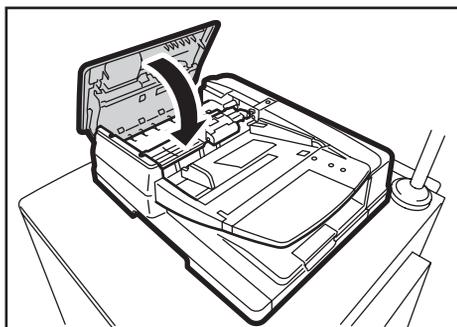
CZC182

23. Reattach the stopper.



CZC165

24. Close the ADF cover.



CWH151

25. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

3. Development Unit

Before You Begin

★ Important

- The surface of a drum is sensitive to light. Exposing the surface of a drum to strong light (especially direct sunlight) can permanently damage it.
- Replace the photoconductor unit or its cleaning unit with the detached charge unit.

What You Need

- Hex screwdriver
- Drum setting powder pad applicator
- Newspaper or other paper

Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

1. Press the [Counter] key and print out the counter list.

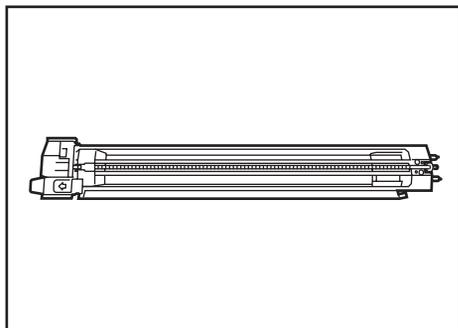
See page 16 "Control Panel".

2. Turn the machine off.

See page 17 "Turning Off/On the Power".

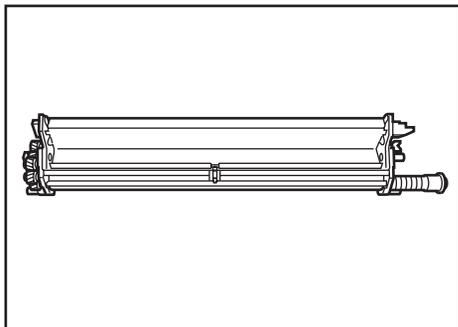
Replaceable Parts

Charge unit



CZC051

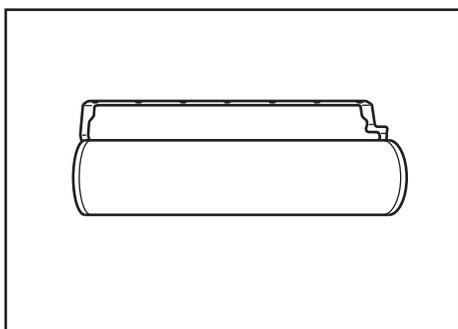
Cleaning unit for photoconductor unit



CZC052

3

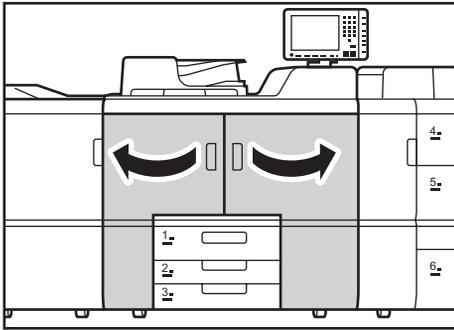
Photoconductor unit



CZC053

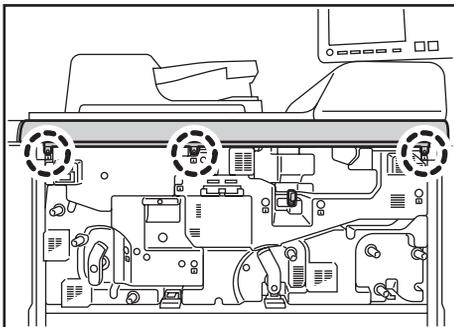
Replacing the Charge Unit/Cleaning Unit for Photoconductor Unit/Photoconductor Unit

1. Open the front covers.



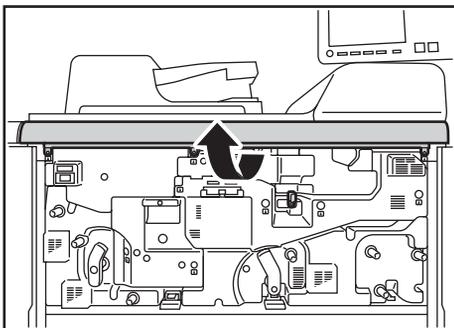
CZC001

2. Remove the 3 screws.



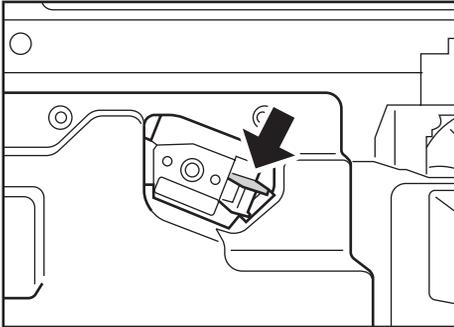
CZC054

3. Remove the cover.



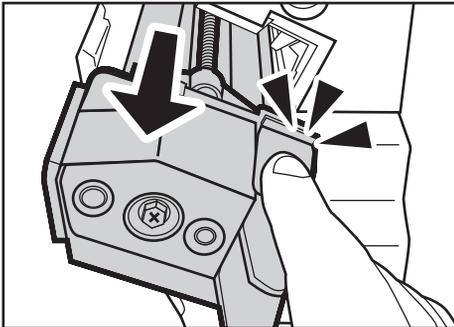
CZC055

4. Push the lock lever.



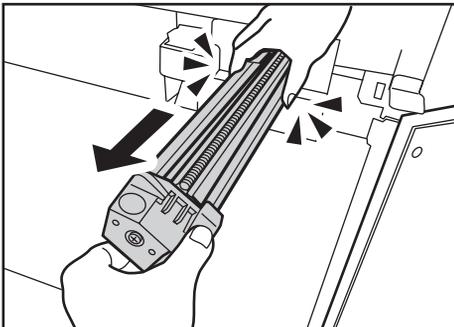
CZC056

5. Pulling the lock lever down, pull out the charge unit.



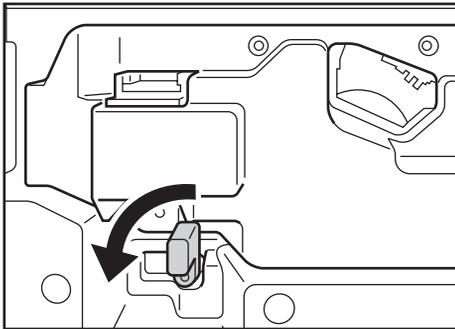
CZC166

6. Hold the charge unit with both hands so it does not come into contact with any metal parts, and then detach it.



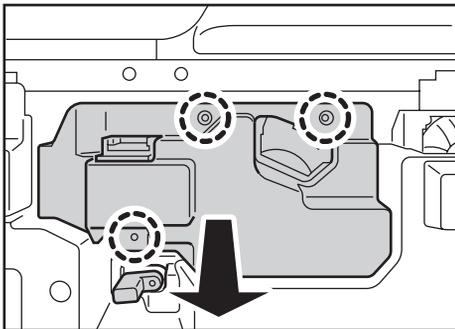
CZC167

7. Pull down the lever.



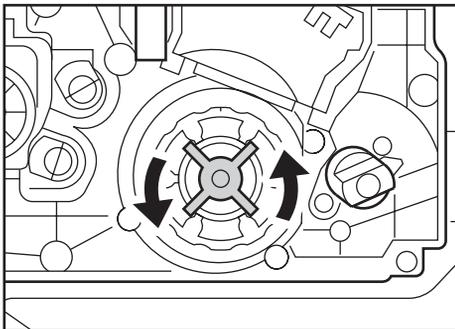
CZC057

8. Remove the 3 screws, and then remove the cover.



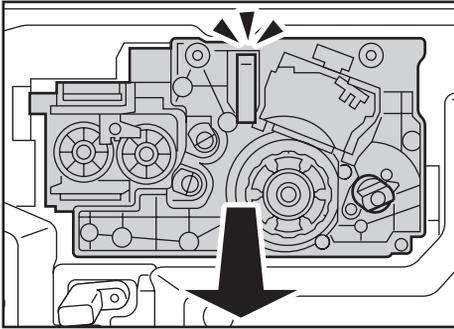
CZC058

9. Loosen the drawer stop knob by turning it, and then remove it.



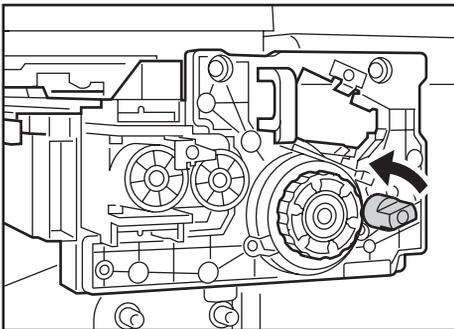
CZC059

10. Holding the handle, pull out the development unit drawer.



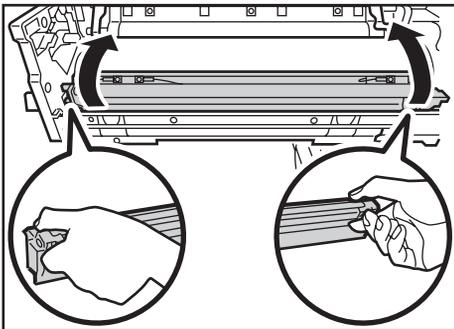
CZC060

11. Turn the lock lever.



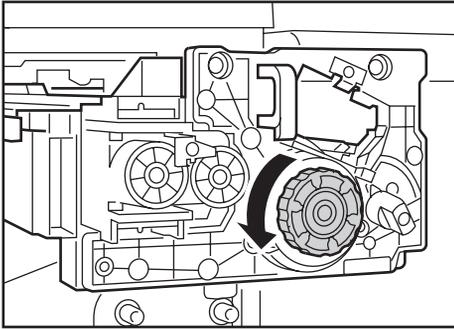
CZC061

12. Remove the cleaning unit for photoconductor unit.



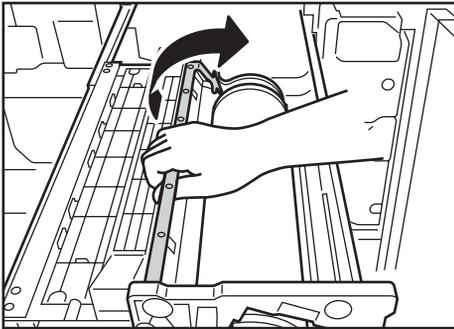
CZC062

13. Turn the drum knob.



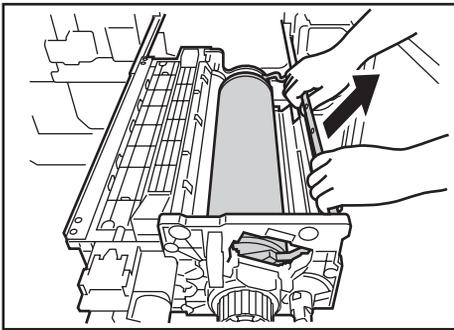
CZC063

14. Rotate the handle.



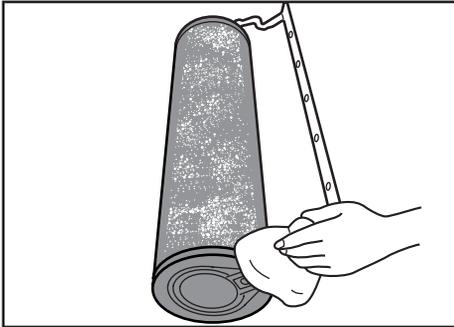
CZC064

15. Pull out the photoconductor unit.



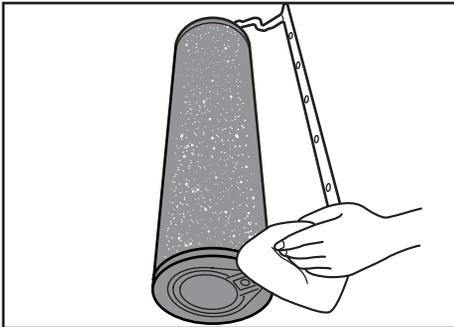
CZC065

16. Using the powder pad applicator, pat the surface of the photoconductor unit lightly.



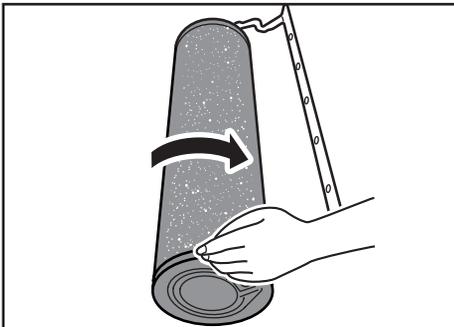
CZC145

17. Spread the developer on the photoconductor unit evenly using a dry cloth.



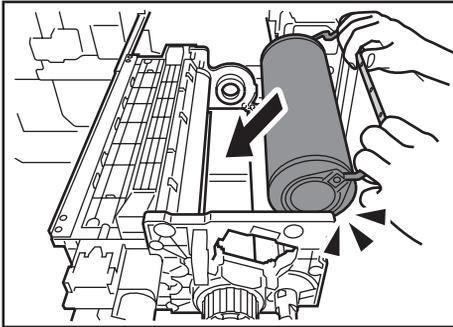
CZC174

18. Rotate the photoconductor unit a half-turn until the surface to which the powder has been applied faces down.

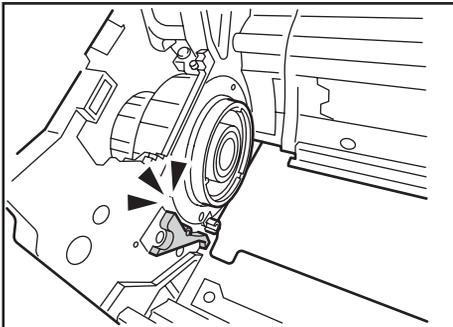


CZC196

19. Attach the new photoconductor unit.

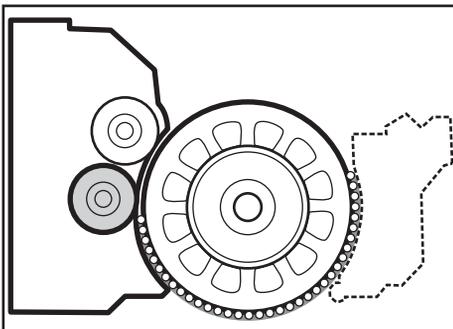


CZC077



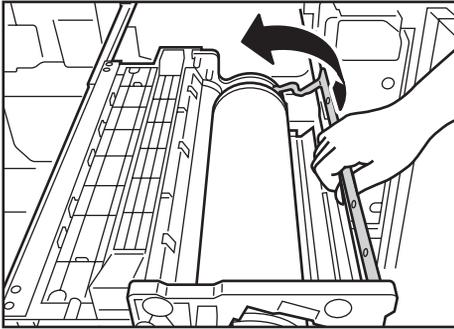
CZC147

Make sure that the surface to which the powder has been applied does not come into contact with the development roller.



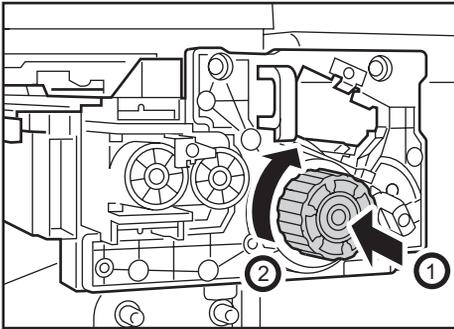
CZC197

20. Rotate the handle.



CZC076

21. Turn the drum knob while pushing it in to fasten the photoconductor unit.

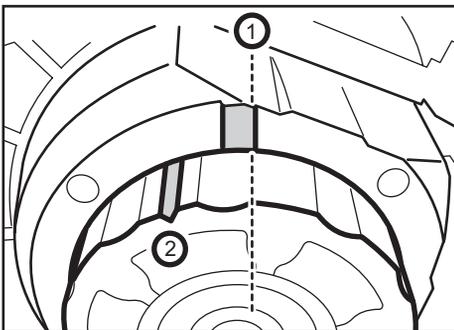


CZC075

22. Check that the drum knob is locked securely.

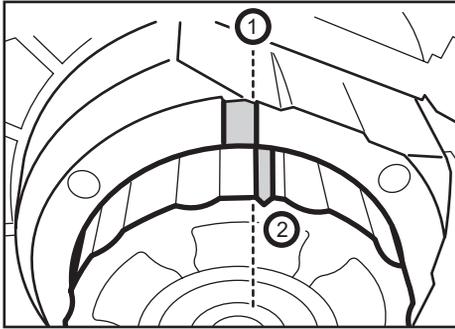
Turn the drum knob until the groove (2) reaches the position to the right of reference position (1).

Unlocked



CZC187

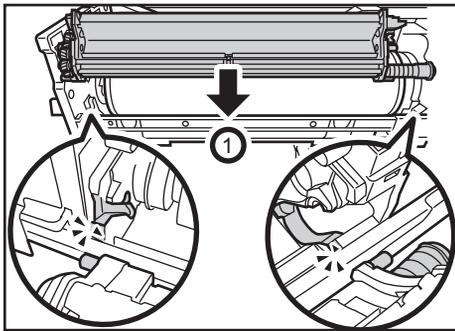
Locked



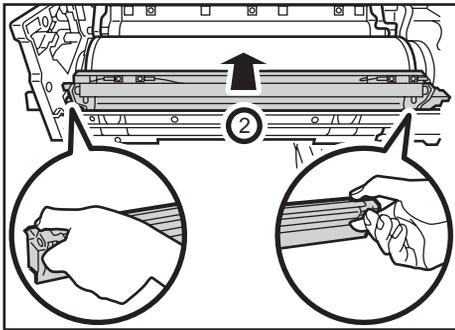
CZC190

3

23. Attach the new cleaning unit for photoconductor unit.

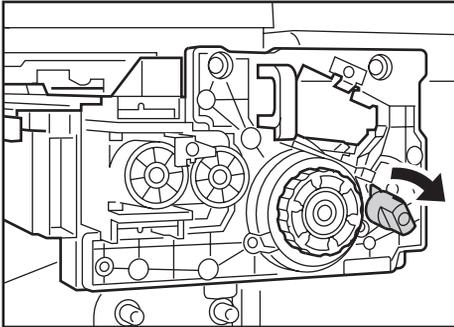


CZC074



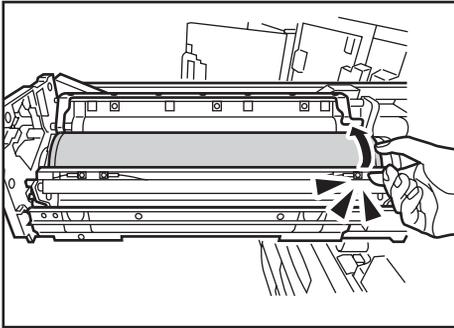
CZC169

24. Turn the lock lever, and then secure cleaning unit for photoconductor unit.



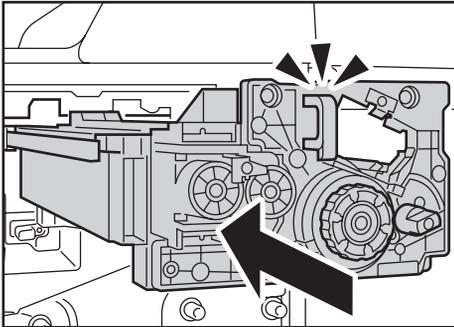
CZC073

25. While carefully holding the cleaning unit for photoconductor unit, rotate the photoconductor unit half a turn.



CZC148

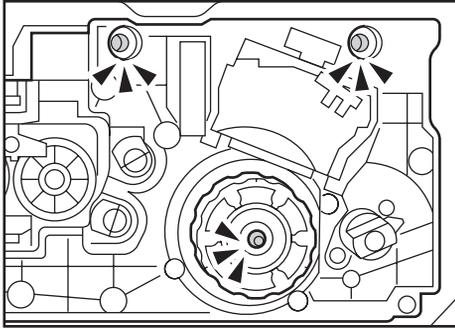
26. Holding the handle, push the development unit drawer back into the machine.



CZC072

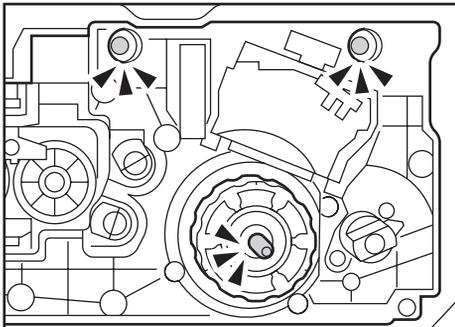
27. Check that the development unit is attached securely.

Detached



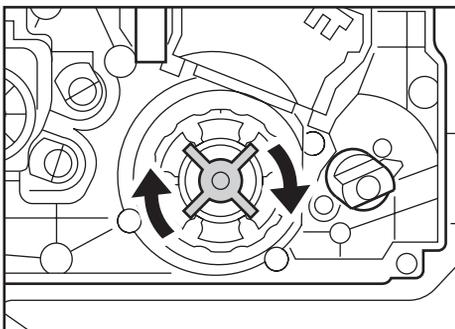
CZC188

Attached



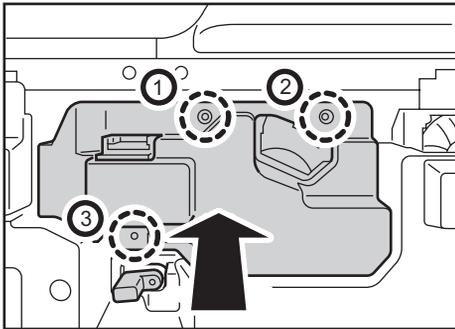
CZC191

28. Install the drawer stop knob, and then fasten it by turning it.



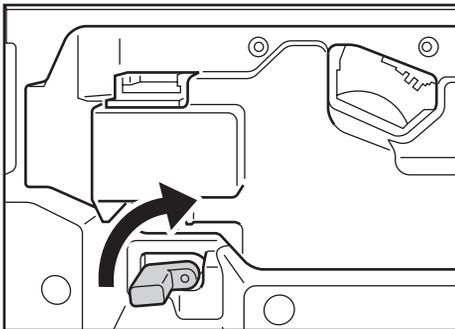
CZC071

29. Attach the cover, and then secure it with the 3 screws in order.



CZC070

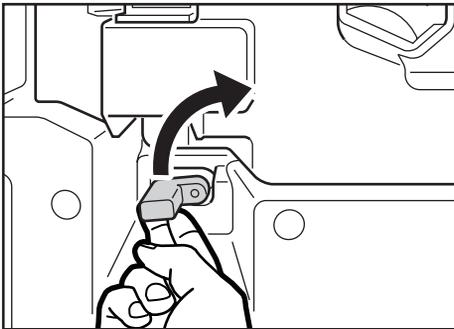
30. Pull up the lever.



CZC069

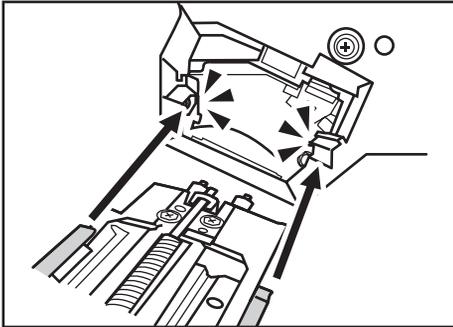
★ Important

- Push up the lever as shown in the figure. An internal spring will return the lever to its original position. If the lever is held and turned, the roller may not return to the correct position, causing an error.



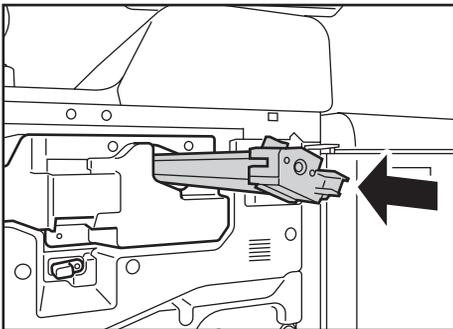
DTH003

31. Engage the new charge unit with the guide rail.



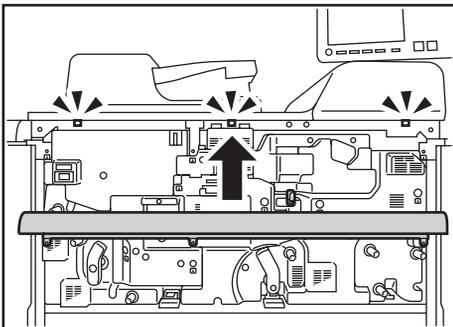
CZC168

32. Push the charge unit in horizontally.



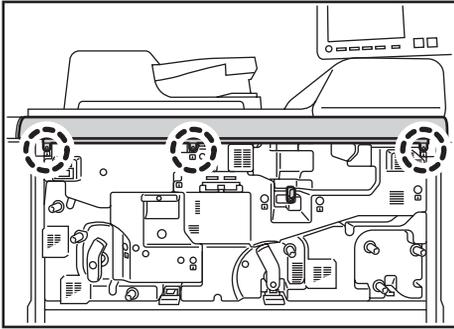
CZC068

33. Attach the cover by aligning it with the 3 catches.



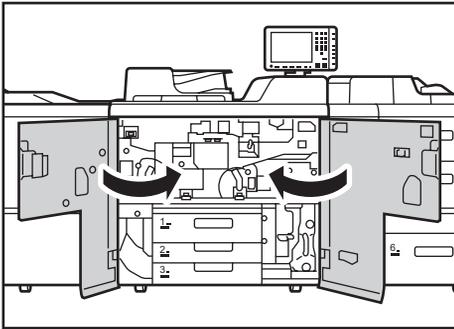
CZC067

34. Secure the cover with the 3 screws.



CZC066

35. Close the front covers.



CZC066

36. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

4. Cleaning Unit for Intermediate Transfer Belt

Before You Begin

★ Important

- The cleaning unit for intermediate transfer belt requires lubrication as part of its replacement. Lubricate the cleaning unit for the photoconductor unit and intermediate transfer belt that are detached.

What You Need

- Hex screwdriver
- Newspaper or other paper

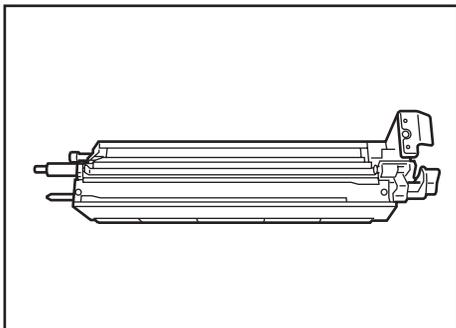
Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

1. Press the [Counter] key and print out the counter list.
See page 16 "Control Panel".
2. Turn the machine off.
See page 17 "Turning Off/On the Power".

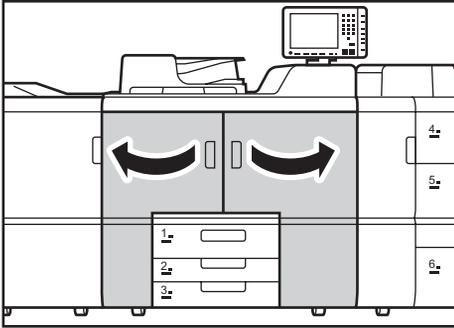
Replaceable Parts



C2C078

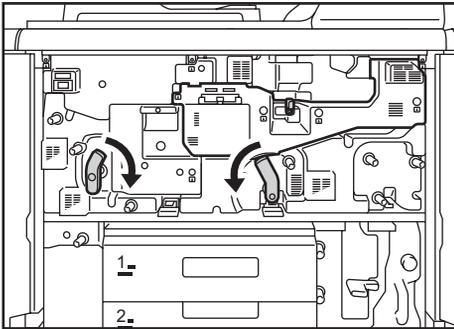
Replacing the Cleaning Unit for Intermediate Transfer Belt

1. Open the front covers.



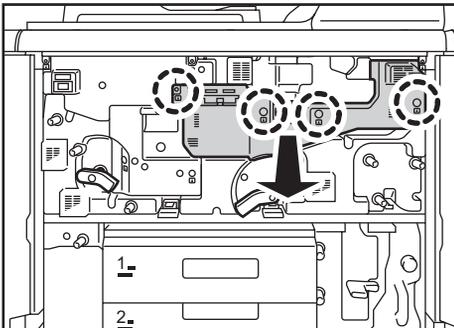
CZC001

2. Pull down the 2 levers.



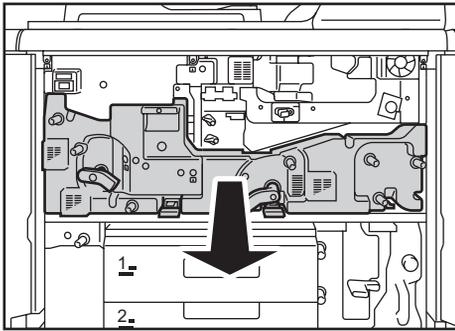
CZC079

3. Remove the 4 screws, and then remove the cover.



CZC080

4. Pull out the drawer until it stops.

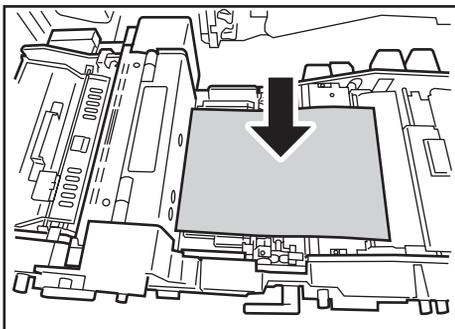


CZC081

5. Remove the transfer unit.

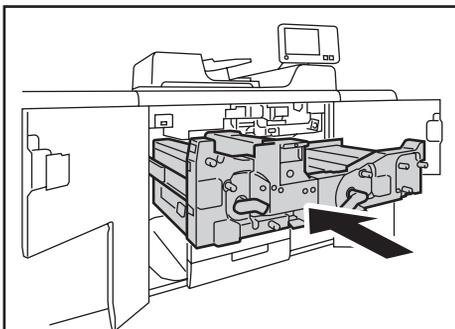
See page 102 "Replacing the Transfer Unit".

6. Spread a sheet of paper.



CZC082

7. Push the drawer back into the machine.

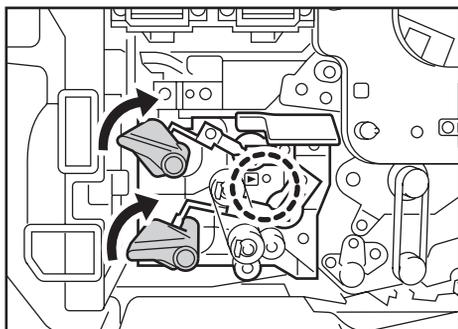


CZC088

8. Remove the cleaning unit for photoconductor unit.

See page 77 "Replacing the Charge Unit/Cleaning Unit for Photoconductor Unit/Photoconductor Unit".

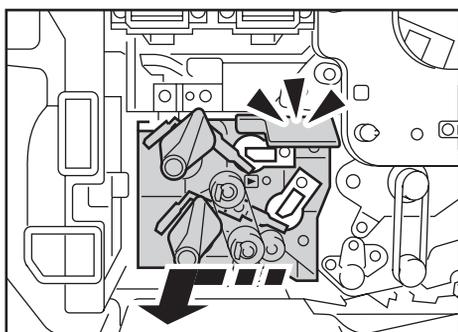
- 9. Pull up the 2 levers, and then remove the screw.**



CZC083

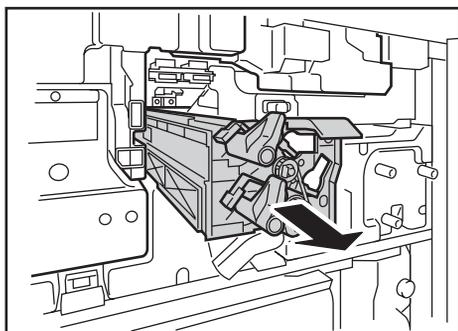
4

- 10. Holding the grip, pull out the cleaning unit for intermediate transfer belt while pressing it to the left.**



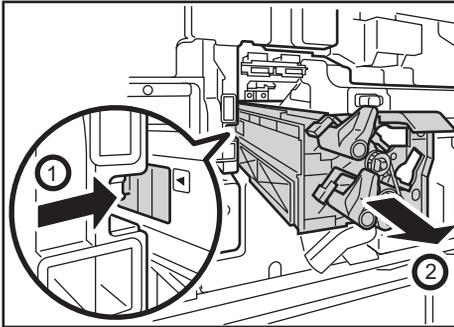
CZC084

- 11. Pull out the cleaning unit for intermediate transfer belt until it stops.**



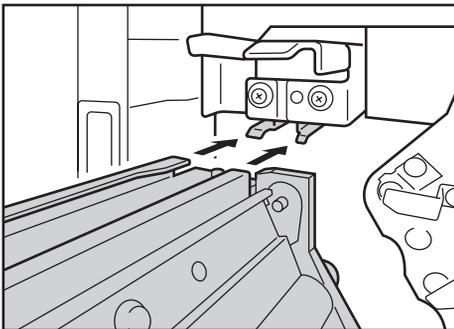
CZC170

12. While holding the latch, remove the cleaning unit for intermediate transfer belt.



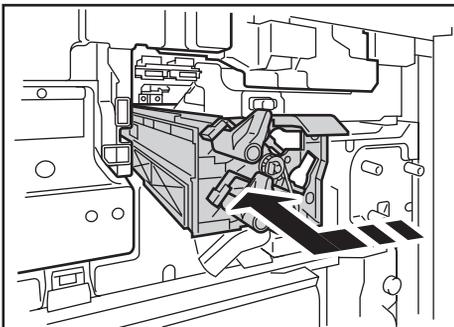
CZC085

13. Engage the new cleaning unit for intermediate transfer belt with the guide rail.



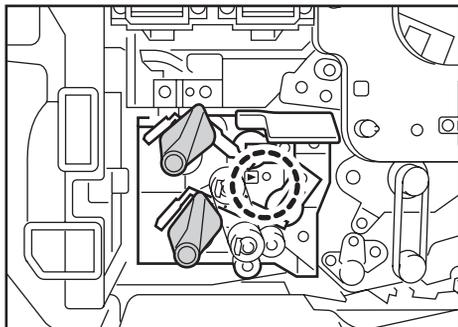
CZC091

14. Push in the cleaning unit for intermediate transfer belt while pressing it to the left.



CZC092

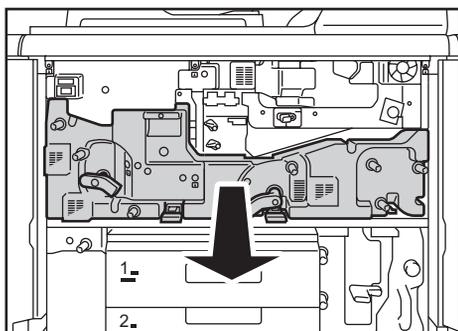
15. Secure the cleaning unit for intermediate transfer belt with the screw.



CZC195

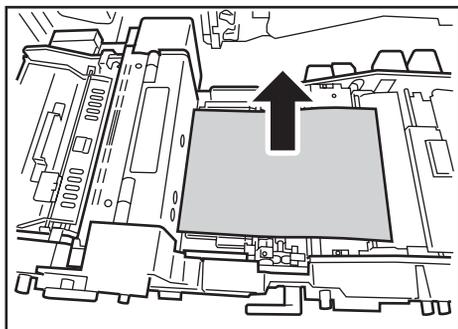
4

16. Pull out the drawer until it stops.



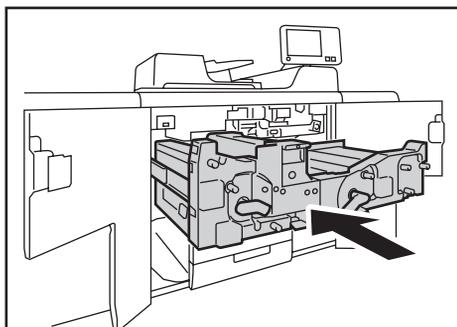
CZC081

17. Remove the paper.



CZC089

18. Push the drawer back into the machine.



CZC088

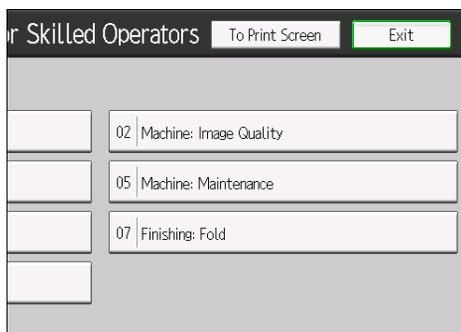
19. Turn the machine on.

See page 17 "Turning Off/On the Power".

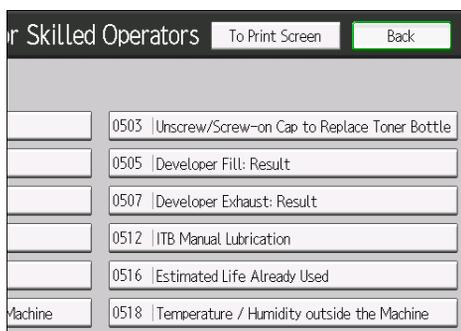
20. Access the Adjustment Settings for Skilled Operators menu.

See "Adjustment Settings for Skilled Operators", Adjustment Item Menu Guide: TCRU/ORU.

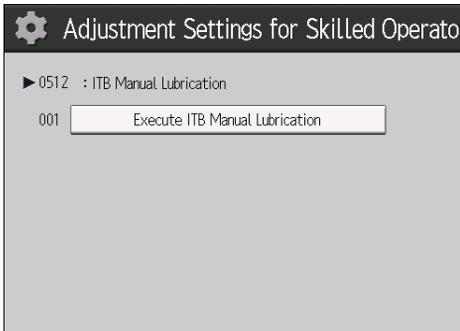
21. Press [Machine: Maintenance].



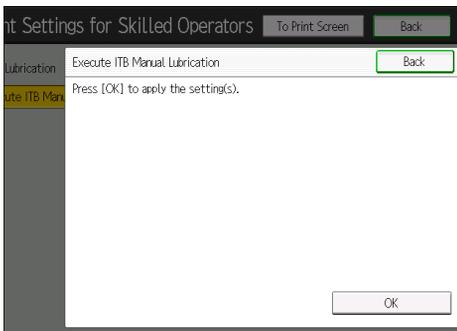
22. Press [ITB Manual Lubrication].



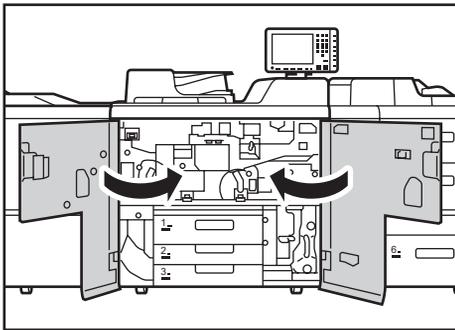
23. Press [Execute ITB Manual Lubrication].



24. Press [OK].



25. Close the front covers.



CZC006

Lubrication starts. It takes about 5 minutes.

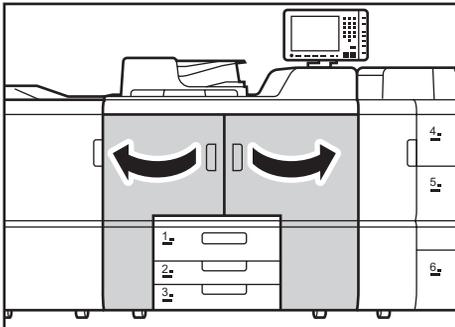
If lubrication fails soon after starting, check the following:

- Is the cleaning unit for intermediate transfer belt attached?
- Is the cleaning unit for photoconductor unit detached?
- Has the toner run out or almost run out?

If this operation fails halfway, contact your sales or service representative.

26. Check that lubrication has completed, and then press [Exit].

27. Open the front covers.



CZC001

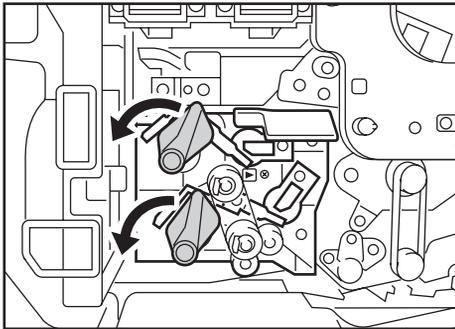
28. Attach the transfer unit.

See page 102 "Replacing the Transfer Unit".

29. Attach the cleaning unit for photoconductor unit.

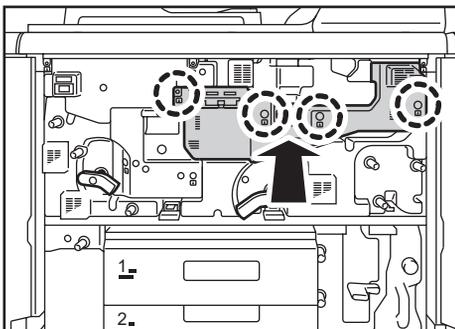
See page 77 "Replacing the Charge Unit/Cleaning Unit for Photoconductor Unit/Photoconductor Unit".

30. Pull down the 2 levers.



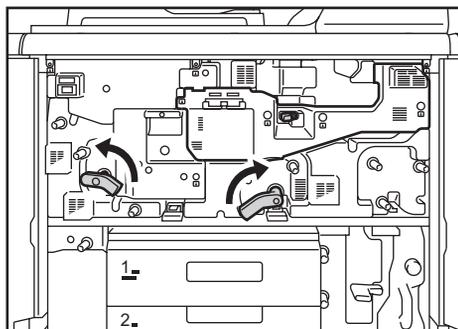
CZC090

31. Attach the cover, and then secure it with the 4 screws.



CZC087

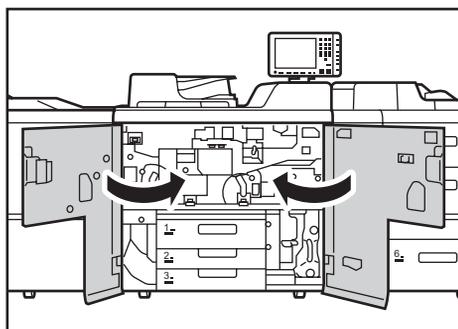
32. Pull up the 2 levers.



CZC086

4

33. Close the front covers.



CZC006

34. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

5. Transfer Unit

Before You Begin

What You Need

- Hex screwdriver
- Newspaper or other paper

Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

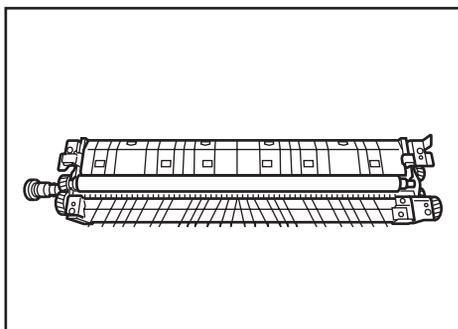
1. Press the [Counter] key and print out the counter list.

See page 16 "Control Panel".

2. Turn the machine off.

See page 17 "Turning Off/On the Power".

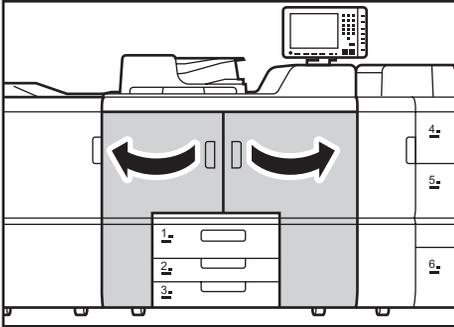
Replaceable Parts



CZC093

Replacing the Transfer Unit

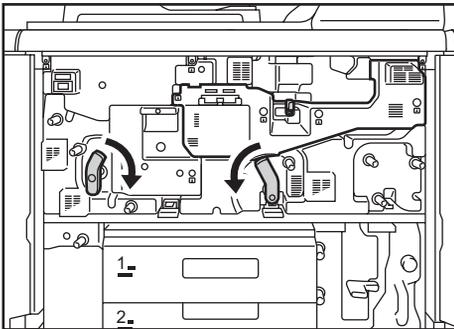
1. Open the front covers.



CZC001

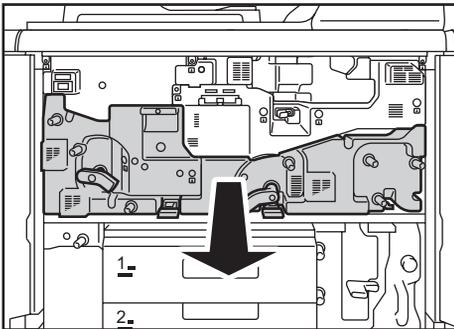
5

2. Pull down the 2 levers.



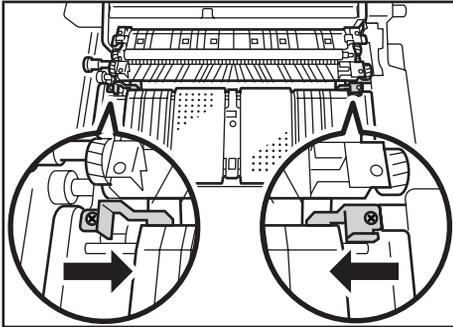
CZC079

3. Pull out the drawer until it stops.



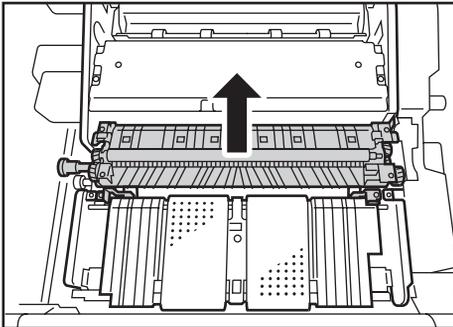
CZC094

4. Remove the 2 screws, and then slide the bracket.



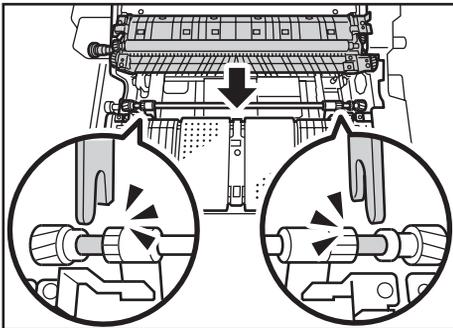
CZC095

5. Remove the transfer unit.



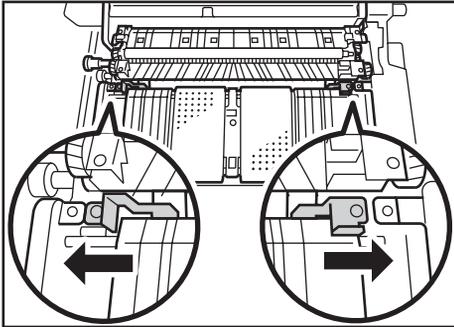
CZC096

6. Attach the transfer unit by engaging the notches on its sides with the shaft.



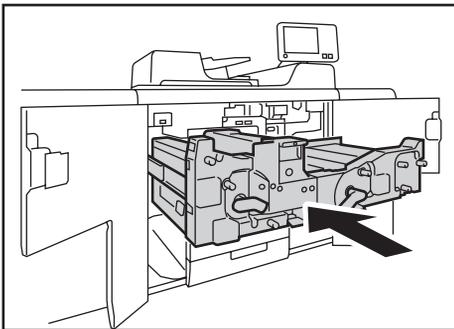
CZC099

7. Slide the bracket, and then secure the transfer unit with the 2 screws.



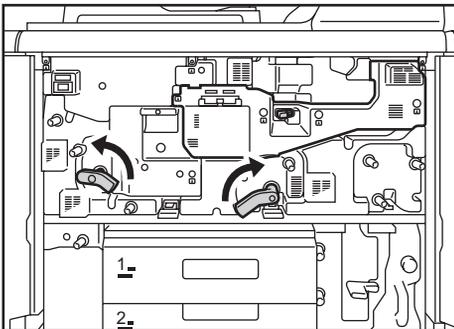
CZC098

8. Push the drawer back into the machine.



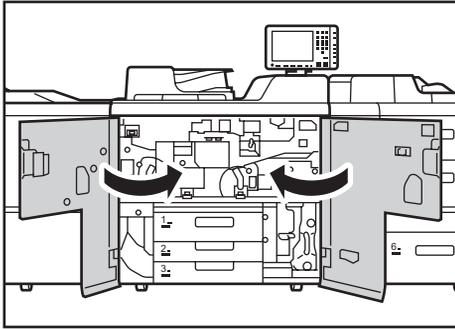
CZC097

9. Pull up the 2 levers.



CZC086

10. Close the front covers.



CZC006

11. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

6. Fusing Unit

Before You Begin

CAUTION

- The fusing unit becomes extremely hot during operation. To prevent minor burns, allow the machine to cool for at least 30 minutes before you remove the fusing unit.

- The fusing unit weighs approximately around 17.0 kg (37.5 lb).
- When moving the fusing unit, lift it slowly and be careful not to strain yourself. Careless handling or over-exertion when lifting can result in breakage of the unit or injury to yourself.

What You Need

- Hex screwdriver
- Newspaper or other paper

Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

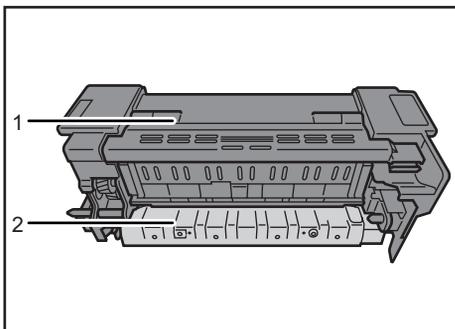
1. Press the [Counter] key and print out the counter list.

See page 16 "Control Panel".

2. Turn the machine off.

See page 17 "Turning Off/On the Power".

Replaceable Parts



CZC100

1. Fusing assembly

2. Cleaning unit for the fusing unit

Replacing the Cleaning Unit for the Fusing Unit/Fusing Assembly

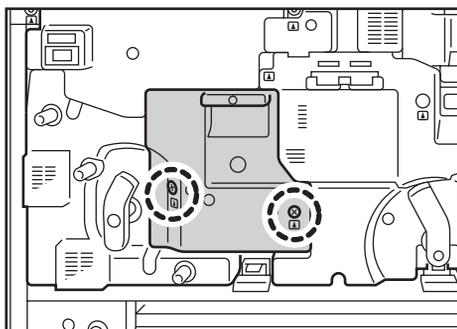
This section explains how to replace the cleaning unit for the fusing unit. When you replace the fusing unit, it is necessary to attach the cleaning unit for the fusing unit to the new fusing unit.

1. Open the front covers.



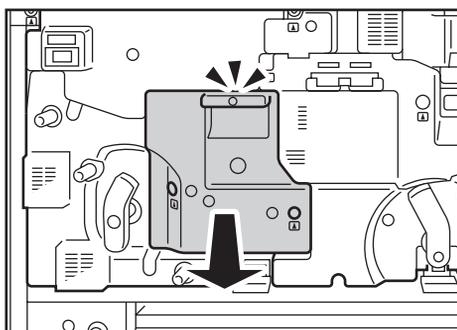
CZC001

2. Remove the 2 screws.



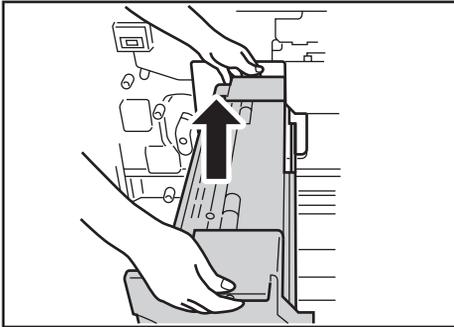
CZC101

3. Pull out the fusing unit.



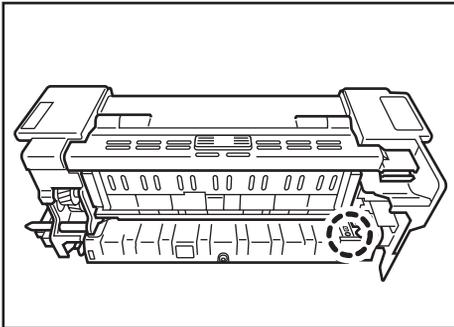
CZC102

4. Remove the fusing unit.



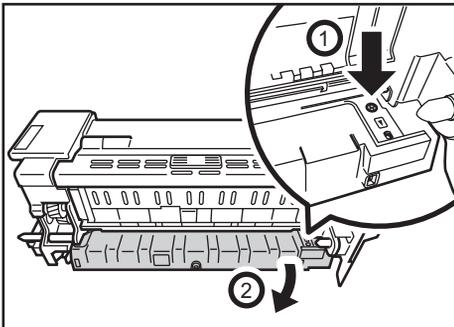
CZC103

5. Remove the screw.



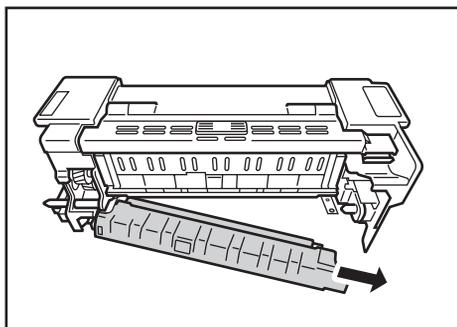
DTH004

6. While pressing the lock, pull the right side of the cleaning unit for the fusing unit toward you and out.



DTH004

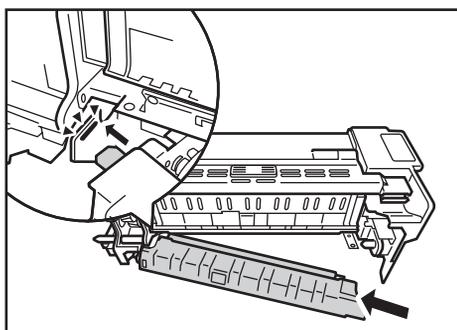
7. Remove the cleaning unit for the fusing unit.



DTH006

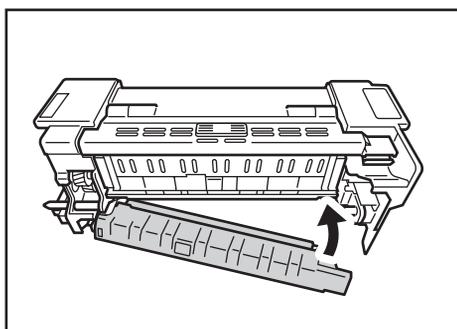
8. Align the projection of the new cleaning unit with the appropriate hole in the fusing unit.

When you replace the fusing unit, it is necessary to attach the cleaning unit for the fusing unit to the new fusing unit.



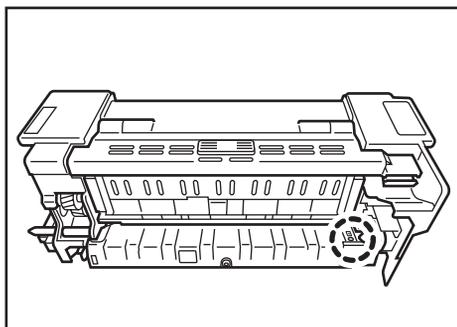
DTH007

9. Push the right side of the cleaning unit inward until it locks into position.



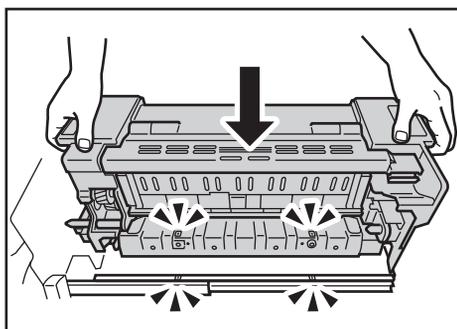
DTH008

10. Secure the cleaning unit for the fusing unit with the screw.



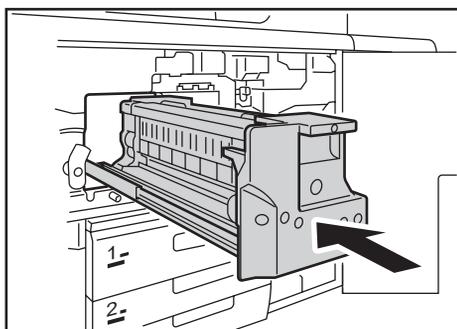
DTH004

11. Mount the fusing unit on the guide.



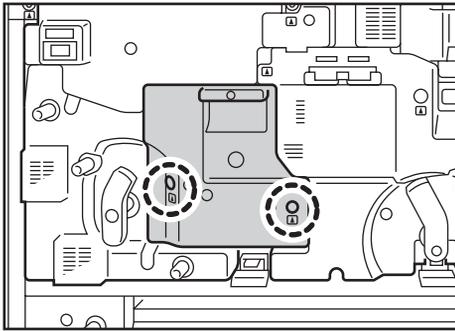
CZC108

12. Push the new fusing unit back into the machine.



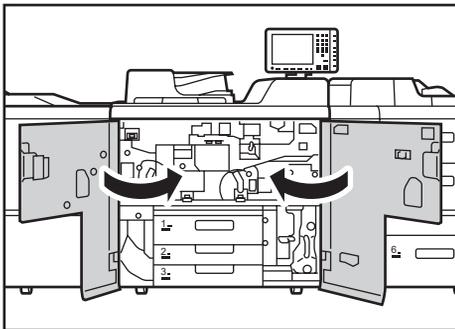
CZC107

13. Secure the fusing unit with the 2 screws.



CZC106

14. Close the front covers.



CZC006

15. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

7. Developer

Before You Begin

★ Important

- Replace the developer with the machine's power turned on. A message reporting that the cover is open appears during replacement, but proceed with the replacement anyway.

What You Need

- Hex screwdriver
- Newspaper or other paper
- Developer bottle

Time for Replacement

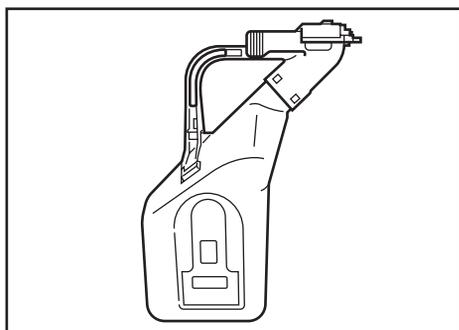
A message will appear when it nears the time to replace a component.

Print the counter list.

1. Press the [Counter] key and print out the counter list.

See page 16 "Control Panel".

Replaceable Parts



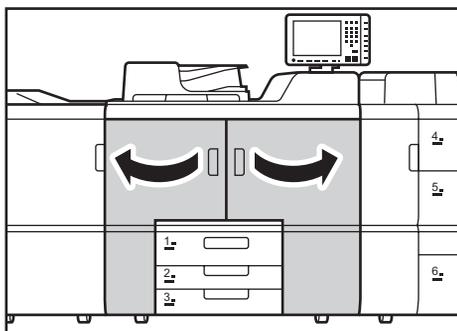
CZC111

Replacing the Developer

1. Access the Adjustment Settings for Skilled Operators menu.

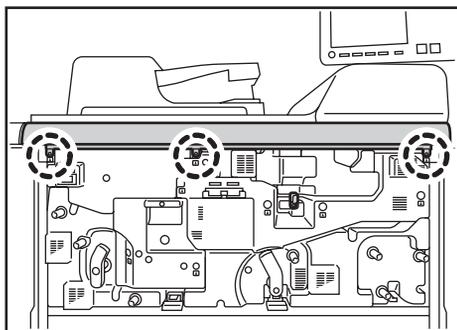
See "Adjustment Settings for Skilled Operators", Adjustment Item Menu Guide: TCRU/ORU.

2. Open the front covers.



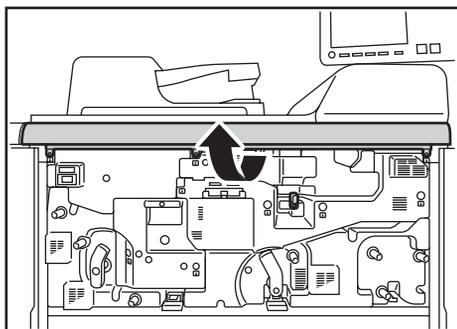
CZC001

3. Remove the 3 screws.



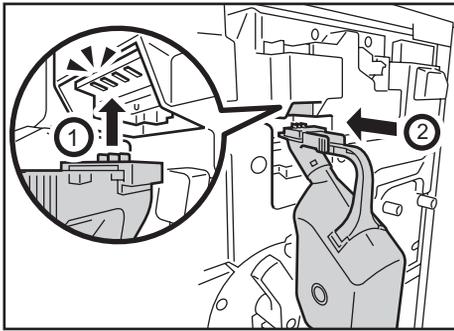
CZC054

4. Remove the cover.



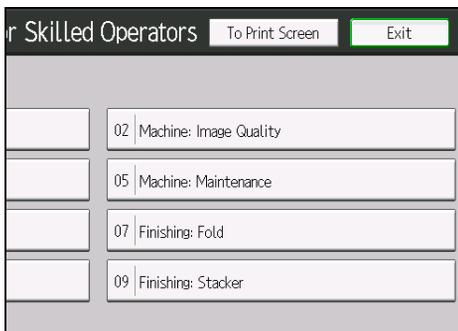
CZC055

5. Attach the developer bottle.

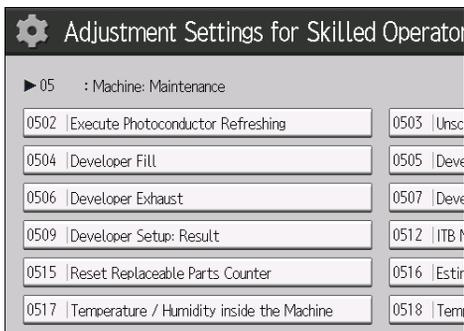


C2C112

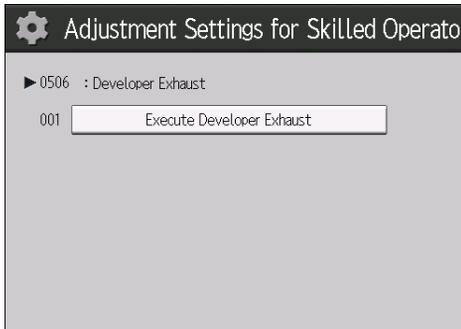
6. Press [Machine: Maintenance].



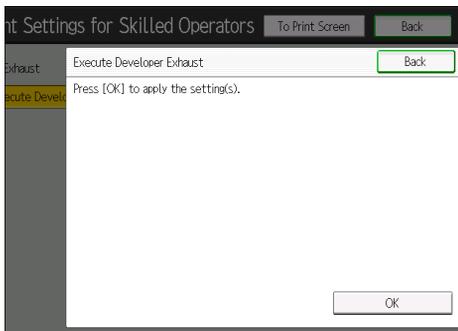
7. Press [Developer Exhaust].



8. Press [Execute Developer Exhaust].



9. Press [OK].

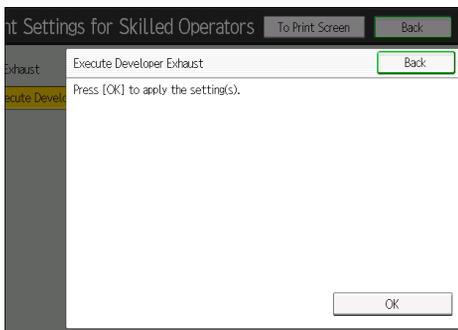


7

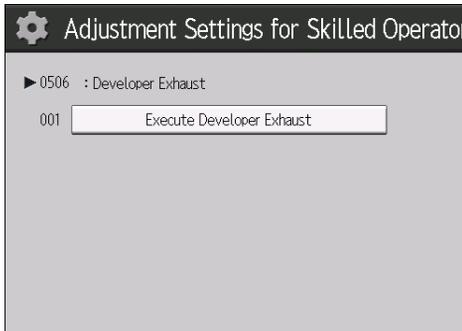
Discharge starts. It takes about 3 minutes.

10. Check that developer discharge has completed, and then press [Exit].

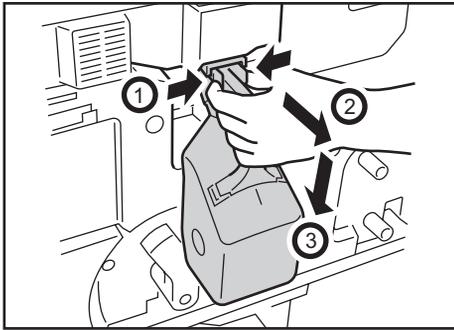
11. Press [Back].



12. Press [Back].

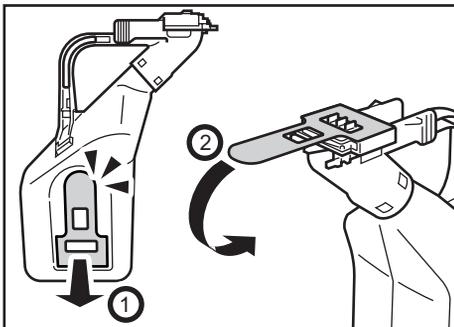


13. Release the developer bottle's catch, and then remove the bottle.



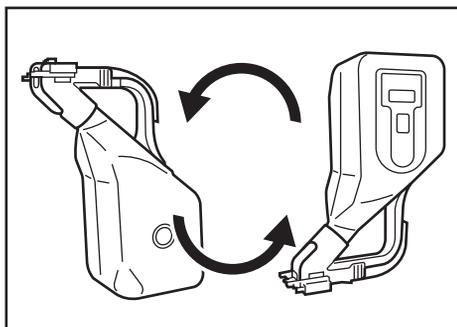
CZC118

14. Remove the seal on the side of the bottle, and then affix it to the bottle's opening.



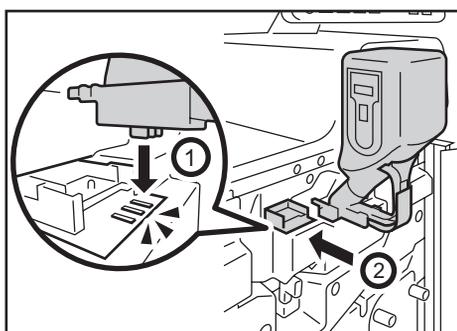
CZC113

15. Turn the new developer bottle a few times to loosen the developer.



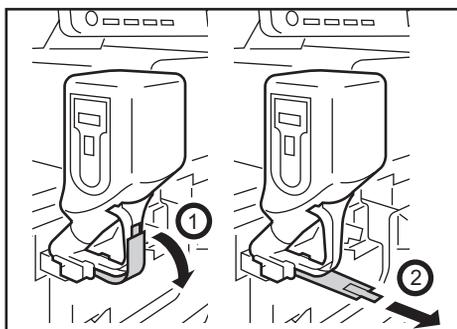
CZC114

16. Attach the new developer bottle.



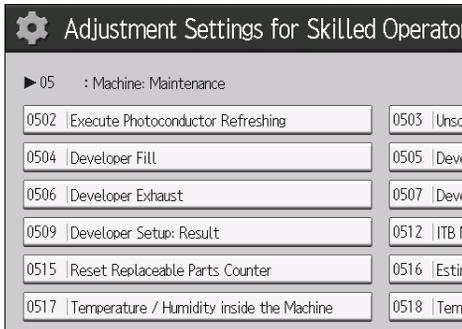
CZC115

17. Pull out the seal.



CZC116

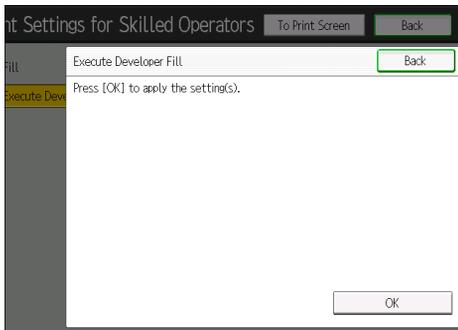
18. Press [Developer Fill].



19. Press [Execute Developer Fill].

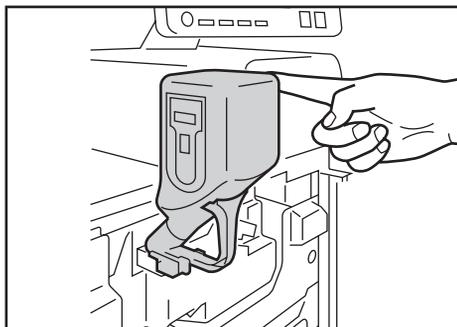


20. Press [OK].



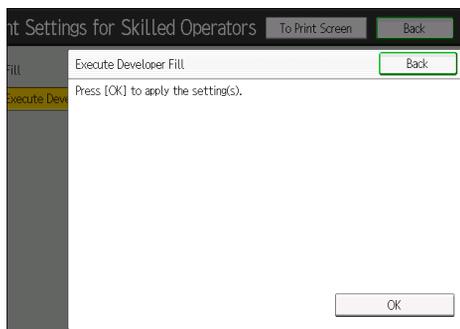
Replenishment starts. It takes about a minute.

- 21. While pouring in the developer, tap the bottle a few times so that no developer is left in the bottle.



CZC117

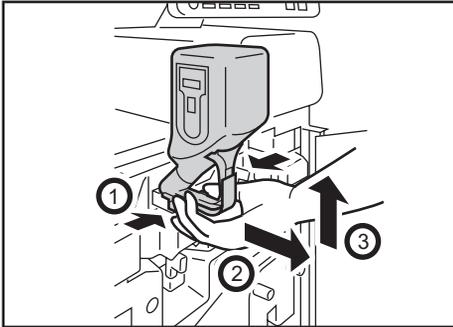
- 22. Check that developer replenishment has completed, and then press [Exit].
- 23. Press [Back].



- 24. Press [Back].



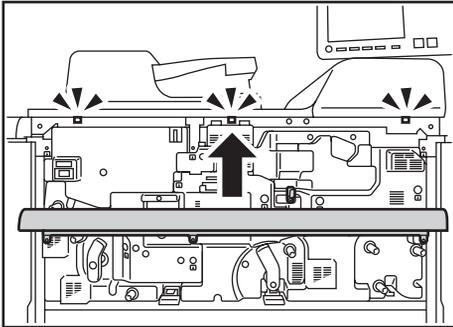
25. Release the developer bottle's catch, and then remove the bottle.



CZC119

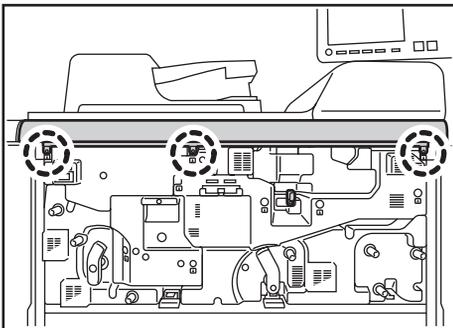
Keep the bottle.

26. Attach the cover by aligning it with the 3 catches.



CZC067

27. Secure the cover with the 3 screws.



CZC066

28. Reset the counter for replaceable parts.

See page 22 "Resetting the Replaceable Parts Counter".

8. Waste Toner Bottle

Before You Begin

WARNING

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.

- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.

- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.

- The following explains the warning messages on the plastic bag used in this product's packaging.
 - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

CAUTION

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.

- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.

- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.

- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.

- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.

What You Need

- Newspaper or other paper

Time for Replacement

A message will appear when it nears the time to replace a component.

Print the counter list.

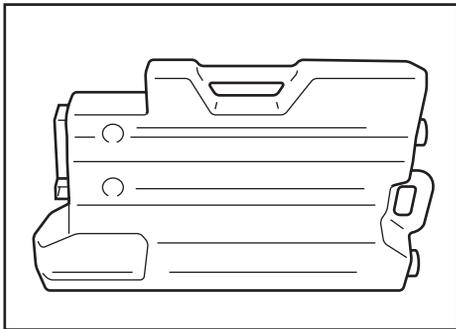
1. Press the [Counter] key and print out the counter list.

See page 16 "Control Panel".

2. Turn the machine off.

See page 17 "Turning Off/On the Power".

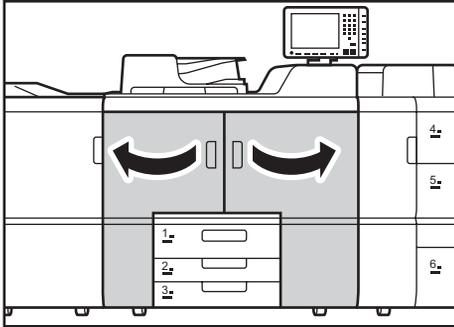
Replaceable Parts



CZC120

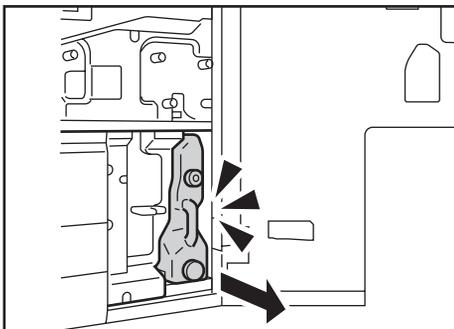
Replacing the Waste Toner Bottle

1. Open the front covers.



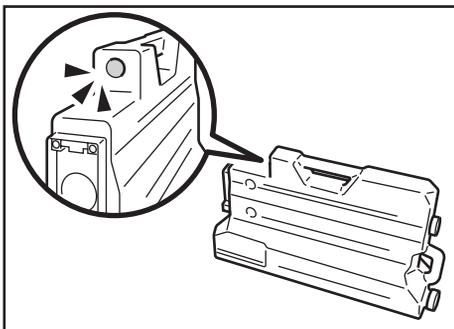
CZC001

2. Holding the handle, pull out the waste toner bottle.



CZC121

3. Affix the seal to its opening.

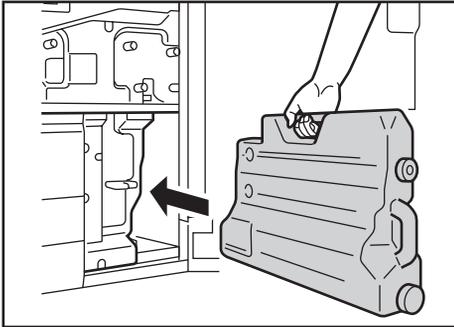


CZC122

The seal is supplied with the new waste toner bottle.

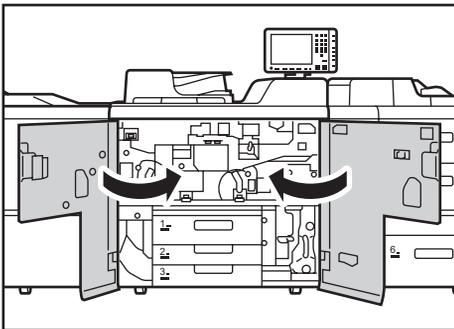
4. Put the used waste toner bottle into the bag and keep it in the box.

5. Attach the new waste toner bottle.



CZC123

6. Close the front covers.



CZC006

7. Reset the counter for replaceable parts.

Do not turn the machine on until you have read how to do so.

See page 22 "Resetting the Replaceable Parts Counter".

