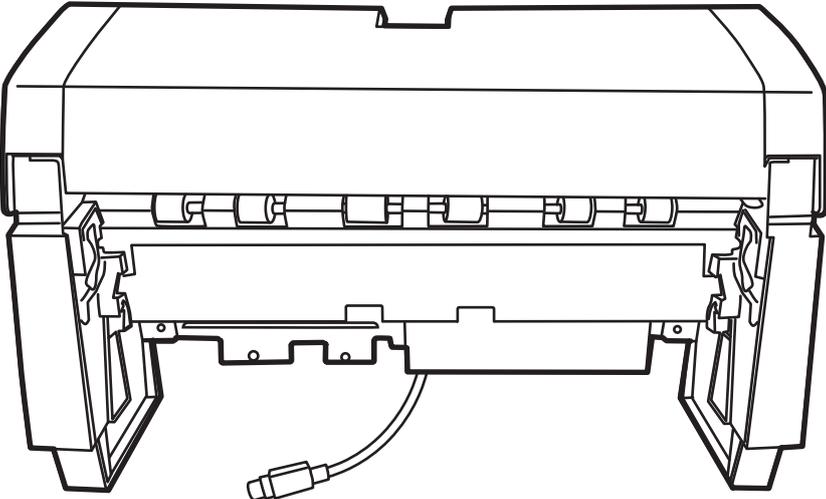


fi-667PR Imprinter

Operator's Guide



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READ ALL OF THIS MANUAL CAREFULLY BEFORE USING THIS PRODUCT. IF THIS PRODUCT IS NOT USED CORRECTLY, UNEXPECTED INJURY MAY BE CAUSED TO USERS OR BYSTANDERS.

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Introduction

Thank you for purchasing the fi-667PR Imprinter option for the fi-6670 / fi-6670A Color Image Scanner.

This guide explains how to install and use the imprinter. (For further details about the functions and operations of the fi-6670 / fi-6670A Image Scanner, refer to the “Image Scanner Operator’s Guide” provided by the SETUP DVD-ROM bundled with fi-6670 / fi-6670A.)

This guide also contains other important information, such as procedures for replacement of consumables. Keep this guide in a convenient and safe place so that you can refer to it whenever necessary.

We hope this manual will be helpful in your future use of the fi-667PR Imprinter.

Manufacturer

PFU LIMITED
YOKOHAMA i-MARK PLACE, 4-4-5 Minatomirai,
Nishi-ku, Yokohama, Kanagawa 220-8567, Japan

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How Trademarks Are Indicated In This Manual

References to operating systems (OS) are indicated as follows:

Product	Indication
Windows Server® 2008 Standard (32/64-bit) Windows Server® 2008 R2 Standard (64-bit)	Windows Server 2008 (*1)
Windows® 7 Home Premium (32/64-bit) Windows® 7 Professional (32/64-bit) Windows® 7 Enterprise (32/64-bit) Windows® 7 Ultimate (32/64-bit)	Windows 7 (*1)
Windows Server® 2012 Standard (64-bit)	Windows Server 2012 (*1)
Windows Server® 2012 R2 Standard (64-bit)	Windows Server 2012 R2 (*1)
Windows® 8 (32/64-bit) Windows® 8 Pro (32/64-bit) Windows® 8 Enterprise (32/64-bit)	Windows 8 (*1)
Windows® 8.1 (32/64-bit) Windows® 8.1 Pro (32/64-bit) Windows® 8.1 Enterprise (32/64-bit)	Windows 8.1 (*1)

*1: Where there is no distinction between the different versions of the above operating system, the general term "Windows" is used.

Regulatory Information

FCC declaration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is located.
- Consult your dealer or an experienced radio/TV technician.

FCC warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Canadian DOC Regulations

This digital apparatus does not exceed the Class B limit for radio noise emissions from digital apparatus set out in the Radio interference Regulations of the Canadian Department of Communications.

This Class B digital apparatus complies with Canadian ICES-003.

Le présent appareil numérique n’émet pas de parasites radioélectriques dépassant les limites applicables aux appareils numériques de la classe B, limites prescrites dans le Règlement pour le brouillage radioélectrique qui fut dicté par le Ministère des Communications du Canada. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Bescheinigung des Herstellers / Importeurs

Für den fi-667PR wird folgendes bescheinigt:

- In Übereinstimmung mit den Bestimmungen der EN45014(CE) funkentstört
- Maschinenlärminformationsverordnung 3. GPSGV: Der höchste Schalldruckpegel beträgt 70 dB (A) oder weniger, gemäß EN ISO 7779.

Dieses Gerät wurde nicht für die Benutzung in unmittelbarer Umgebung starker Lichtquellen (z. B. Projektoren) konzipiert.

Use in High-Safety Applications

This product has been designed and manufactured on the assumption that it will be used in office, personal, domestic, regular industrial, and general-purpose applications. It has not been designed and manufactured for use in applications (simply called "high-safety applications" from here on) that directly involve danger to life and health when a high degree of safety is required, for example, in the control of nuclear reactions at nuclear power facilities, automatic flight control of aircraft, air traffic control, operation control in mass-transport systems, medical equipment for sustaining life, and missile firing control in weapons systems, and when provisionally the safety in question is not ensured. The user should use this product with adopting measures for ensuring safety in such high-safety applications. PFU LIMITED assumes no liability whatsoever for damages arising from use of this product by the user in high-safety applications, and for any claims or compensation for damages by the user or a third party.

Conventions

Warning Indications Used in This Manual



This indication alerts operators to an operation that, if not strictly observed, may result in severe injury or death.



This indication alerts operators to an operation that, if not strictly observed, may result in safety hazards to personnel or damage to equipment.

Symbols Used in This Manual

This manual, in addition to the above warning indications, uses the following symbols in its explanations.



This symbol alerts operators to particularly important information. Be sure to read this information.



This symbol alerts operators to helpful advice regarding operation.



A TRIANGLE symbol indicates that special care and attention are required.

The drawing inside the triangle shows the specific caution.



A CIRCLE with a diagonal line inside indicates an action that users may not perform.

The drawing inside or under the circle shows the specific action that is not allowed.



Outline characters on a colored background show instructions users should follow.

It may also include the drawing that shows the specific instruction.

Screen Examples in This Manual

Microsoft product screenshots are reprinted with permission from Microsoft Corporation. The screen examples in this manual are subject to change without notice in the interest of product improvement.

If the actual screen differs from the screen examples in this manual, operate by following the actual displayed screen while referring to the user's manual of the scanner application you are using.

The screen examples used in this manual are of the PaperStream IP (TWAIN) driver.

The screenshots used in this manual are of Windows 7. The windows that appear and the operations differ by the operating system. Also note that with some scanner models, the screens and operations may differ from this manual when you update the PaperStream IP (TWAIN) driver. In that case, refer to the manual provided upon updating the driver.

About Maintenance

The user must not perform repairs on this product. Contact the store where you purchased the scanner or an authorized FUJITSU Image Scanner service provider to have repairs made on this product.

Safety Precautions

FOLLOW THESE INSTRUCTIONS AND BE SURE TO HEED ALL WARNINGS AND CAUTIONS DESCRIBED BELOW.



Do not damage the AC cable.

A damaged AC cable may cause fire or electric shock.

Do not place heavy objects on AC cables, or pull, bend, twist, heat, damage or modify AC cables.

Do not use damaged AC cables or power plugs, or install any cables or power plugs to loose wall sockets.



Use only specified AC cables and connector cables.

Use only specified AC cables and connector cables.

Failure to use the correct cables might cause electric shock and/or device failure.

Please don't use the AC cable provided with this device for other devices, since this might cause device failure and other troubles or an electric shock.



Make sure to ground the device.

Make sure to ground the device to avoid electric shock.

Be sure to ground the device before plugging into a power outlet.

Unplug from the outlet before removing the ground connection.

	<p>Use this device only at the indicated power voltage. Do not connect to multiple-power strips.</p> <p>Use this device only at the indicated power voltage and current. Improper power voltage and current might cause fire or electric shock. Do not connect to multiple-power strips.</p>		<p>Do not use aerosol sprays near the device.</p> <p>Do not use any aerosol sprays or alcohol based sprays to clean the device.</p> <p>Dust blown up by strong air from the spray may enter the inside of the device. This may cause the device to fail or malfunction.</p> <p>Sparks, caused by static electricity, generated when blowing off dust and dirt from the outside of the device may cause a fire.</p>
	<p>Do not touch the AC cable with wet hands.</p> <p>Do not touch the power plug with wet hands. Doing so might cause electric shock.</p>		<p>Do not place the scanner within the reach of small children.</p> <p>To avoid injuries, do not place the scanner in an area where small children may be able to reach.</p>
	<p>Wipe any dust from the power plug.</p> <p>Wipe off any dust from metal parts on the power plug or metal fittings with a soft, dry cloth. Accumulated dust might cause fire or electric shock.</p>		<p>Do not touch the heated section for a long time.</p> <p>Do not touch the heated section such as the bottom of the scanner for a long time. Doing so may cause a low-temperature burn on your skin.</p>
	<p>Do not install the device in locations that has oil smoke, steam, humidity, and dust.</p> <p>Do not install the imprinter in locations subject to oil smoke, steam, humidity, and dust. Doing so might cause a fire or electric shock.</p>		<p>Do not cover the scanner with something during its operation.</p> <p>Do not use the scanner while covered with a blanket, etc. Doing so may raise the hot air inside and cause a fire.</p>
	<p>Do not use the device if you smell a strange odor.</p> <p>If you detect heat coming from the device or detect smoke, strange smells or noises, immediately turn off the scanner and then disconnect its power plug. Make sure that any smoke coming from it has stopped, before contacting the store where you bought the scanner or an authorized FUJITSU scanner service provider.</p>		<p>Do not use the scanner where it gets wet.</p> <p>Do not use the scanner at a place such as a bathroom, shower room, or swimming pool where it may easily get wet. Doing so might cause electric shock or fire.</p>
	<p>Turn the scanner OFF if it is damaged.</p> <p>If the device is damaged for any reason, turn the scanner off and unplug the power cable. Contact the store where you purchased the scanner or an authorized FUJITSU scanner service provider.</p>		
	<p>Do not put liquids or foreign objects inside the imprinter.</p>		
	<ul style="list-style-type: none"> Do not insert or drop metal objects in to the device. Do not scan wet documents or documents with paper clips or staples. 		
	<ul style="list-style-type: none"> Do not splash or allow the device to get wet. If foreign objects (water, small metal objects, liquids, etc.) get inside the device, immediately turn off the scanner and disconnect the power plug from the power outlet. Then, contact the store where you bought the scanner or an authorized FUJITSU scanner service provider. Pay particular attention to this warning in households where there are small children. 		
	<p>Unplug the scanner when a trouble occurs.</p> <p>Immediately unplug the scanner when a trouble occurs.</p> <p>Never cut the ground connection until the scanner is unplugged from the power outlet.</p>		
	<p>Do not touch the inside of the device unless necessary.</p> <p>Do not take apart or modify the device. The inside of the device contains high-voltage components. Touching these components might cause electric shock or fire.</p>		

 CAUTION

The following describes important cautions.



Do not install the device on unstable surfaces.
Make sure that the device is installed on a flat, level surface and that none of its parts extend beyond the surface top, such as a desk or table. Do not install the device on unstable surfaces. Install the device on a level surface that is free of vibration to prevent it from falling.



Install the imprinter on a strong surface that will support the weight of the imprinter and other devices.



Firmly insert the power plug.
Firmly insert the power plug as far it can go into the power outlet.



Do not block the ventilation ports.
Do not block the ventilation ports. Blocking the ventilation ports generates heat inside of device, which may result in fire or device failure.



Do not place heavy objects or climb on top of the imprinter.
Do not place heavy objects on the device or use the device's surface top to perform other work. Improper installation might cause injuries and device failure.



Do not use the device immediately after moving it from a cold place into a warm room.
Do not use the device immediately after moving it from a cold place into a warm room. Condensation may occur, which might lead to scanning errors. Let the device dry about one or two hours before you use it.



Before moving the device, disconnect the power plug from the power outlet.
Do not move the device with the power and interface cables connected as this can damage the cables, which can later cause fire, electric shock as well as injury.
Before moving the device, be sure to disconnect the power plug from the power outlet, and all other data cables.
Make sure that the floor is free of any obstructions.



Protect the device from static electricity.
Install the device away from strong magnetic fields and other sources of electronic noise. Also, protect the device against any static electricity, which can cause the device to malfunction.



Avoid any contact when device is in use.
Avoid touching any device mechanism during scanning since this may cause injuries.



Disconnect the power plug from the power outlet when the device is not used for a long period of time.
When the device is not going to be used for a long period of time, be sure to disconnect the power plug from the power outlet for safety.



Do not install the device in the direct sunlight.
Do not install the device under direct sunlight or near heating apparatus. Doing so might cause excessive heat to build up inside the device, which can cause device trouble or even fire. Install the device in a well-ventilated location.



Handle documents carefully.
When handling documents, be careful not to cut your fingers with them.



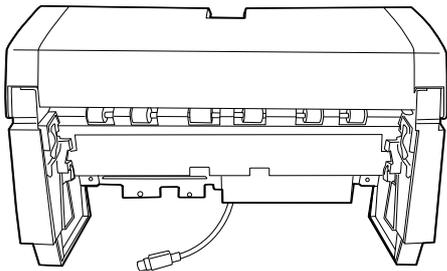
Do not make the scanner wet while carrying it outside.
When carrying the scanner outside while it is raining or snowing, pay special attention so the scanner does not get wet.

1. Preparations

1.1. Inspect the Package Contents

Make sure that all items shown below are included in the package.
If anything is missing or damaged, contact your FUJITSU scanner dealer or an authorized FUJITSU scanner service provider.

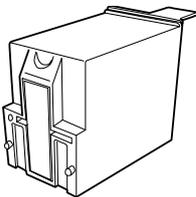
Imprinter (×1)



Attachment Guide (×1)



Print Cartridge (×1)



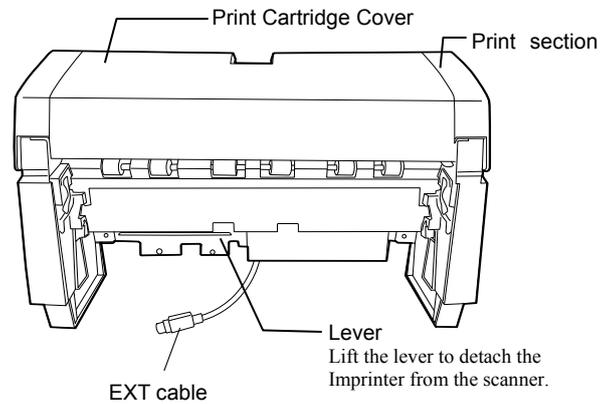
Operator's Guide (×1)



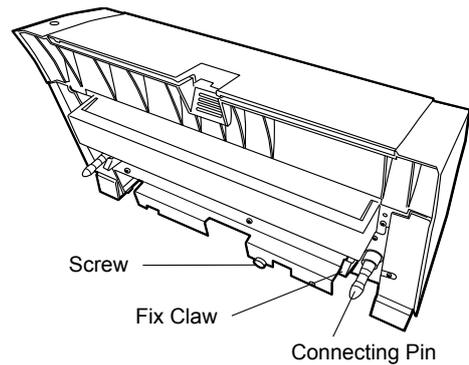
1.2. Names of Component Parts

<Imprinter Unit>

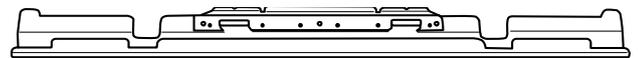
Front Side



Rear Side

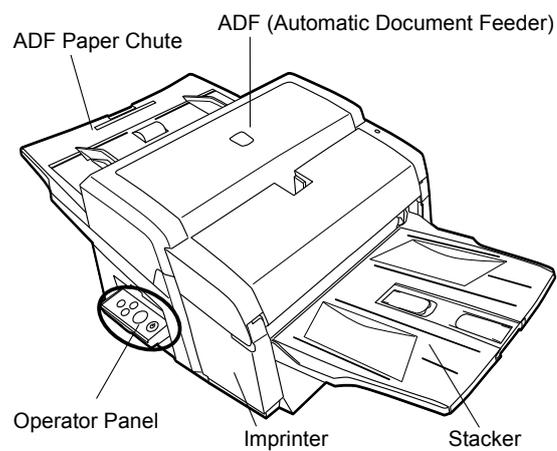


<Attachment Guide>

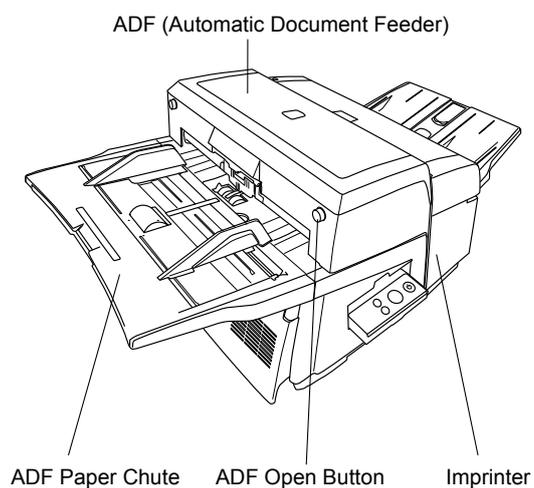


<Imprinter with Scanner Installed>

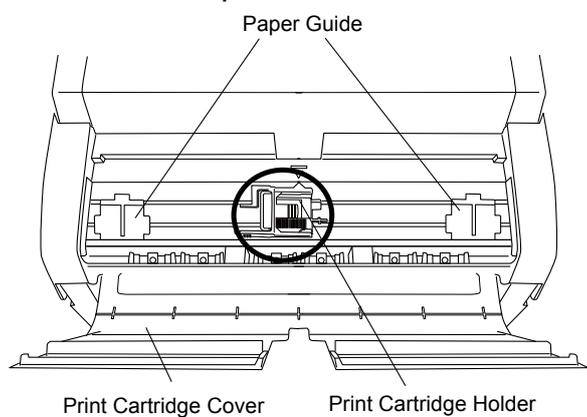
Front Side



Rear Side



<Inside of the Imprinter>

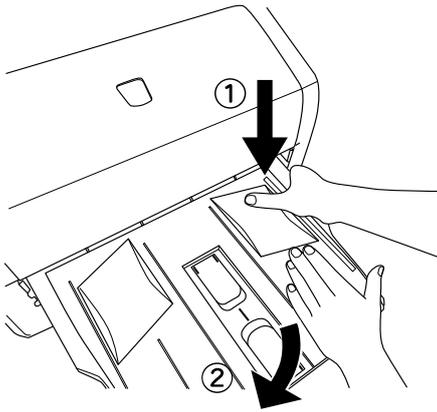


2. Installation

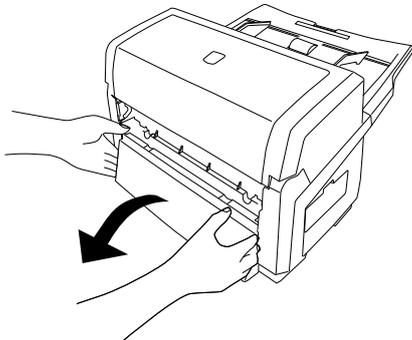
2.1. Installing the Imprinter

Install the imprinter as follows:

1. Switch off the scanner and disconnect the electrical power cable.
2. Remove the Stacker from the scanner.
 - ① Slowly push down the Stacker as shown below until the connecting protrusion is unhooked.
 - ② Pull the Stacker towards the arrow direction to release it.



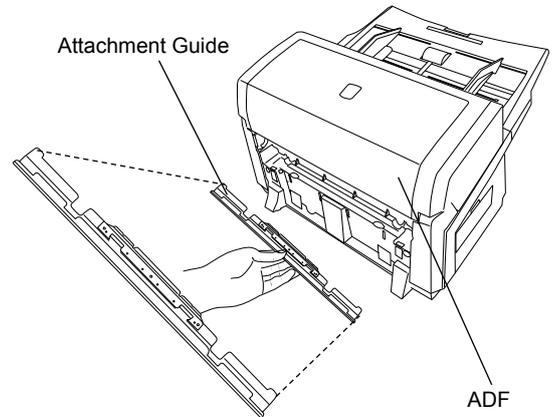
3. Remove the cover located under the stacker.



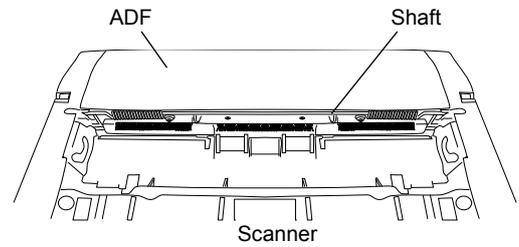
You must remove the stacker and cover before installing the imprinter to the scanner.

4. Install the imprinter to the scanner.

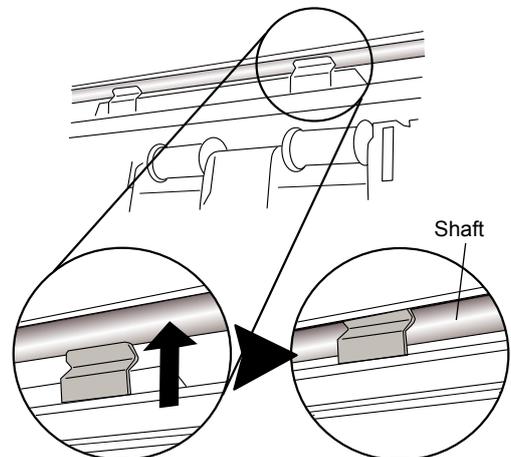
- ① Check the insertion direction of the Attachment Guide.



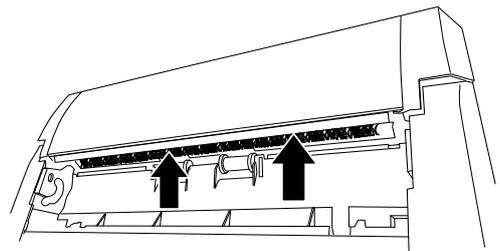
- ② Check the Shaft from below.



- ③ Locate the Attachment Guide along the Shaft.

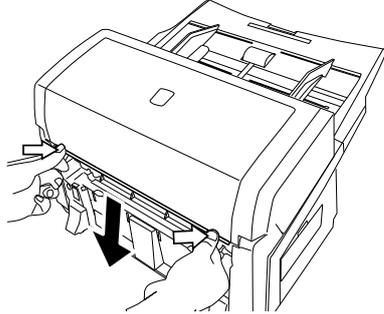


- ④ Push up the Attachment Guide.

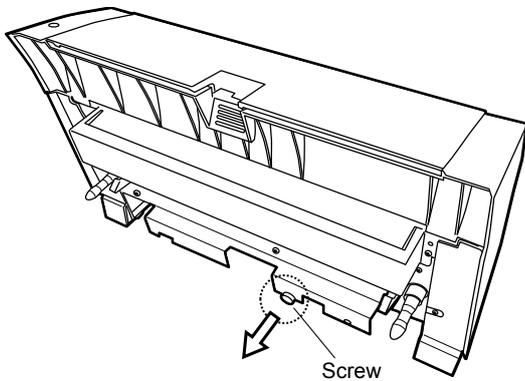




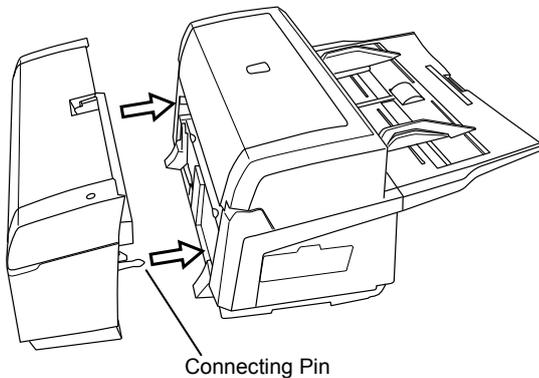
How to remove the Attachment Guide
Pressing your fingers on the Attachment Guide, slide it down and out to remove.



5. Remove the attached screw from the imprinter's rear portion.



6. Install the imprinter to the scanner.

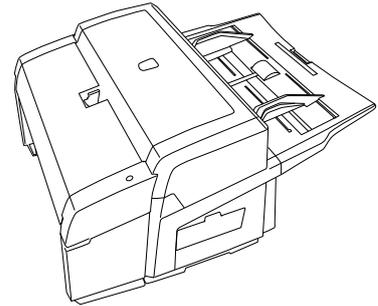


To install the imprinter to the scanner, insert the connecting pins located on the imprinter's rear component into the scanner's round holes.

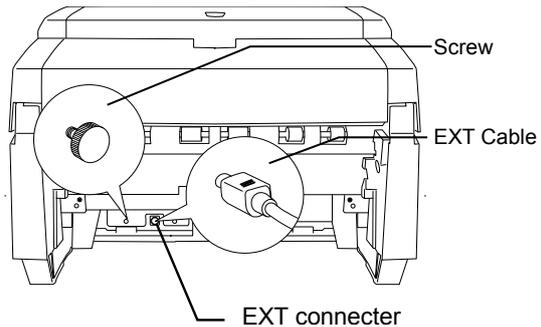


- Hold the bottom of the imprinter whenever lifting it up.
- Attach the imprinter firmly on to the scanner. (→ Confirm that the imprinter does not separate from the scanner when pulled.)
- Be careful not to pinch your fingers.

See the imprinter in this direction.



7. Attach the Screw to fix the imprinter. (1 position)



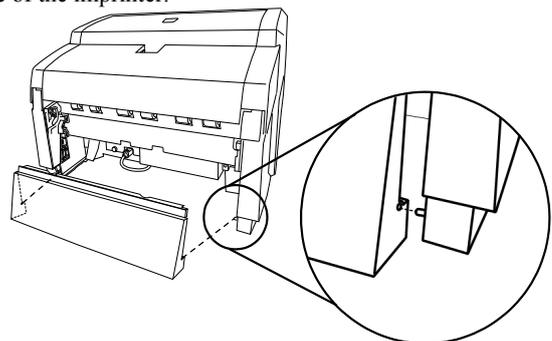
8. Connect the EXT Cable to the EXT connector on the rear side of the scanner.



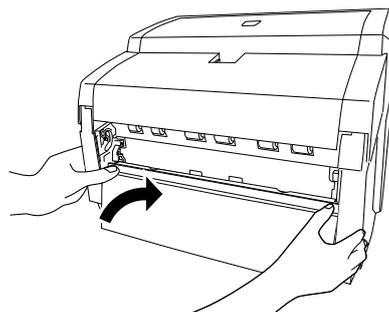
The imprinter will not work if the EXT cable is not connected to the scanner. Scanning when the EXT cable is not connected can cause documents to jam inside the imprinter.

9. Replace the cover (removed in Step 3) to the imprinter.

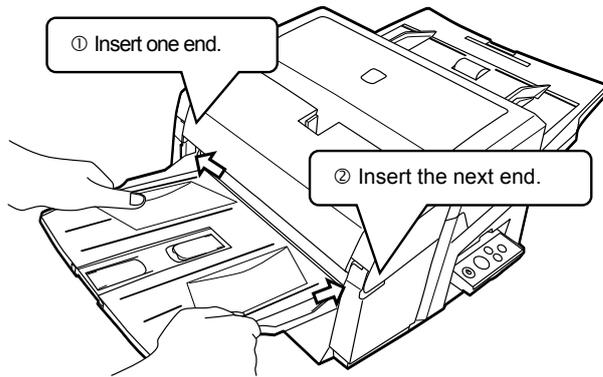
- ① Hook the cover onto the imprinter by fitting the cover's lower side slots to the corresponding protrusions on each side of the imprinter.



- ② Pushing on the upper part of the cover, fix it to the imprinter.



- Replace the Stacker (re moved in Step 2) into the imprinter.



- Connect the power cable to the scanner.

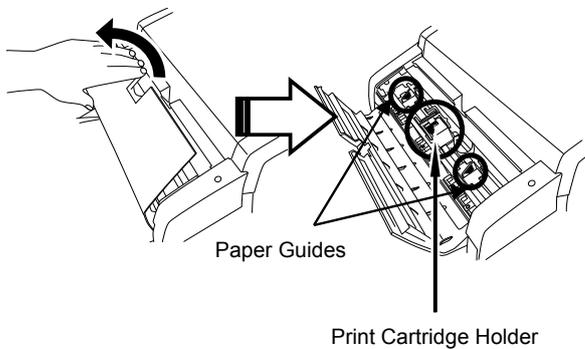
2.2. Installing the Print Cartridge

Mount the print cartridge as follows:

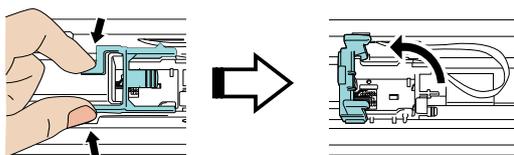


When installing or replacing the print cartridge, be careful not to insert it out of place.

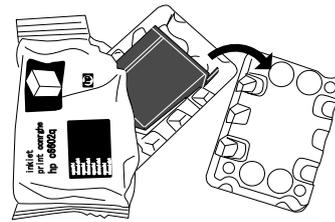
- Confirm that the scanner is turned off.
- To open the print cartridge cover, grasp and pull open the center of the cover turning it towards you, as shown below.



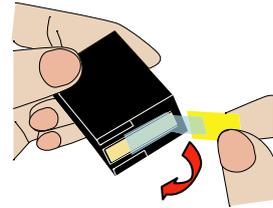
- Remove the packing tape from the Print Cartridge Holder and the Paper Guides.
- Open the Print Cartridge Holder by pinching and lifting up its locking lever with your fingers, as shown below.



- Remove the new print cartridge from its pouch.

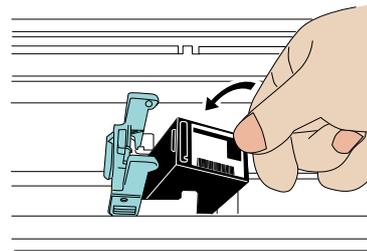


- Remove the protection tape from the print cartridge.



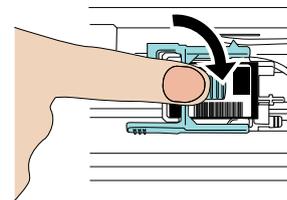
Do not touch the metal part of the cartridge or put the tape back on again.

- Insert the print cartridge into the holder as shown below with its tab pointing to the right.



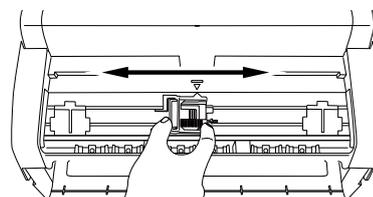
Be careful not to let the print cartridge touch or catch on to the print circuit film.

- Lower the locking lever of the Print Cartridge Holder until it locks in and fixes the cartridge in place.

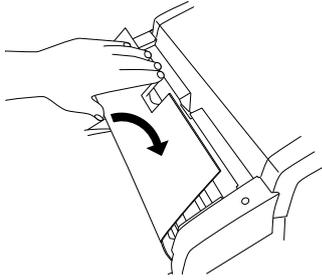


- Position the Print Cartridge Holder along where the document will pass through.

⇒ The print will be located on the page properly for your application.



10. Close the Print Cartridge Cover.



2.3. Operating Test

After installing the print cartridge, test to see if printing can be performed on the Offline Print Test mode. There are six patterns for printing test. One pattern is printed on a sheet of paper.

Test pattern 1 (Horizontal):
 ABCDEFGHIJKLMNOPQRSTUVWXYZ[]^_`00000000

Test pattern 2 (Horizontal):
 abcdefghijklmnopqrstuvwxyz{}~ 00000000

Test pattern 3 (Horizontal):
 !"#\$%&'()*+,-./0123456789:;<=>?@00000000

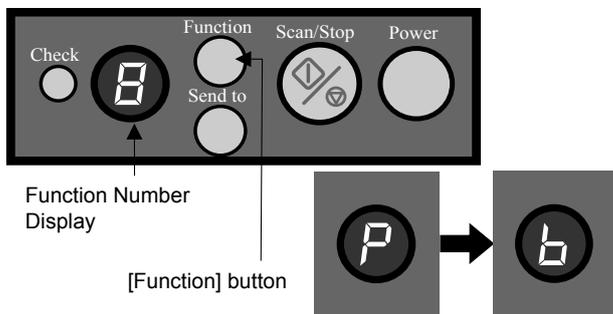
Test pattern 4 (Vertical):
 ABCDEFGHIJKLMNOPQRSTUVWXYZ[]^_`00000000

Test pattern 5 (Vertical):
 abcdefghijklmnopqrstuvwxyz{}~ 00000000

Test pattern 6 (Vertical):
 !"#\$%&'()*+,-./0123456789:;<=>?@00000000

Perform the tests as following the procedure below.

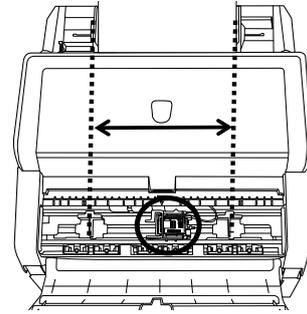
1. While pressing the [Function] button on the operator panel, switch on the scanner. Continue pressing on the [Function] button.
2. Release the [Function] button when the Function Number Display changes from [P] to [b].



3. Place blank documents on the ADF Paper Chute. To continue all the test patterns, place six sheets or more of documents.



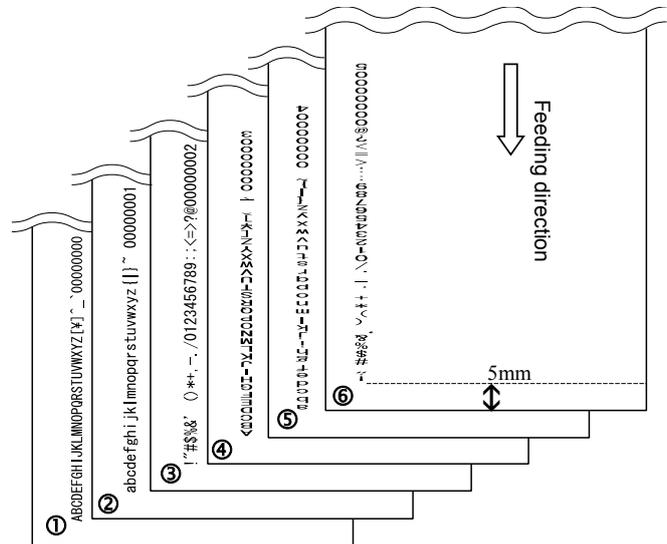
- Use A4 or Letter size paper. If the size is smaller than A4 or Letter, printing may not successfully complete.
- Confirm that the Print Cartridge is positioned within the document width.



4. Press the [Scan / Stop] button to test.
 ⇒ Paper will feed into the ADF, and the imprinter will print out the Print Test Characters starting at 5mm from the paper's edge. (The range of error is ±4 mm.)
5. To print the next pattern, return to Step 4.



Every single press of the [Scan / Stop] button prints one test pattern. The test print repeats test patterns from 1 through 6. The numbering data portion "00000000" changes from 0 with increments of 1.



Print Test Pattern (Sample)

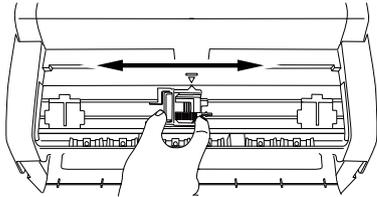
6. To stop Offline Print Test mode, turn off the scanner by pressing the [Power] button for two seconds or longer.

3. Basic Operation

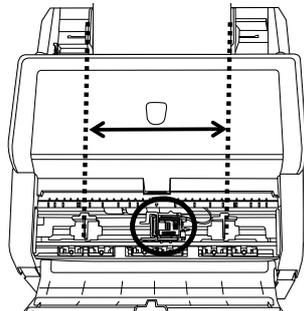
3.1. Positioning the Print Cartridge

To Position the print cartridge for printing:

1. Open the Print Cartridge Cover.
2. Hold the Print Cartridge Holder, as below, and slide it to the left or right within the document width to set it at a suitable print starting position.

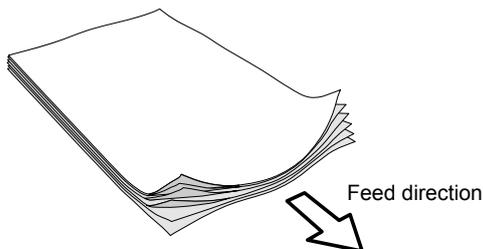


- The triangle-shaped protrusion on the locking lever of the Print Cartridge Holder indicates the current print position on the page.
- In the upper back of the Print Cartridge Holder are the document size markings; use them to adjust for paper sizes and printing positions.
- Put the actual document in the ADF and confirm that the print cartridge is positioned within the document's width.



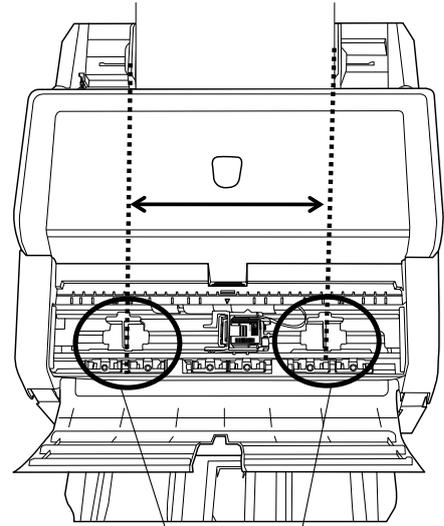
3.2. How to Use the Paper Guides

Use the Paper Guides to prevent against paper jams due to curling of the edges, as shown below.



Place the Paper Guides at the ends where the paper edges will pass through.

1. Insert the document in the scanner.
2. Open the Print Cartridge Cover.
3. Slide the Paper Guides to the left and right edges of the paper.

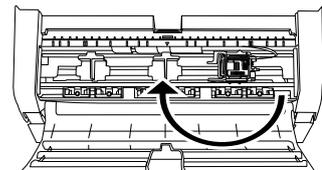


Paper Guide

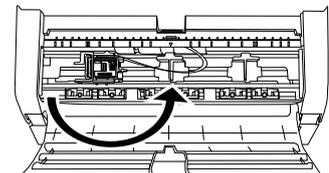


When you wish to print on a section near the edge of wide paper, remove the Paper Guide in order to open space for the Print Cartridge, and attach the removed guide in the center.

For Right- Edge Printing



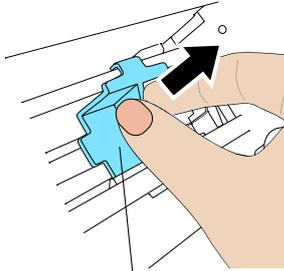
For Left- Edge Printing



Be careful not to let the Paper Guide touch or catch onto the print circuit film.

To Remove the Paper Guides

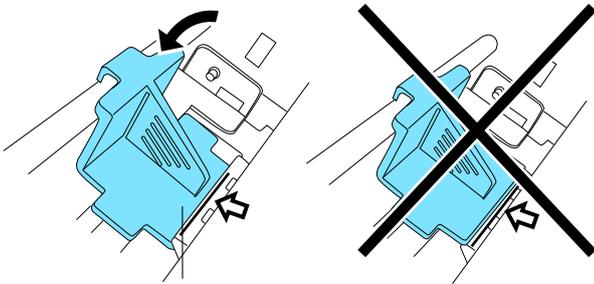
Pressing and holding together with your fingers, as below, lift up and pull away the guide.



Paper Guide

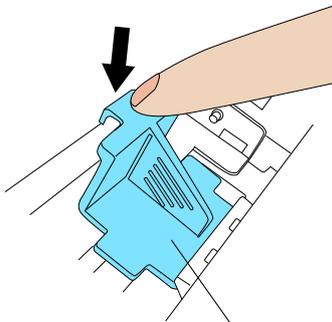
To Attach the Paper Guides

1. Put the Paper Guides in place as in the picture on the left.



Paper Guide

2. Push in the top portion of the guide to fit tightly.



Paper Guide

3.3. Print Setup

You can configure settings for the imprinter by using the scanner driver dialog box.



HINT

How to run the scanner driver differs depending on the application.
For details, refer to the manual or help of the application being used.



HINT

Available items are:

- Print starting point (Y offset)
 - Font orientation/ width
 - Strings definition (Max. 43 characters)
 - Counter Setup (column, add/subtract, step)
- For details, refer to the PaperStream IP Help.

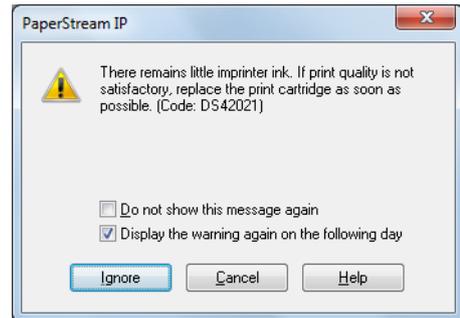
3.4. Replacing the Print Cartridge

Replace the Print Cartridge as follows:



ATTENTION

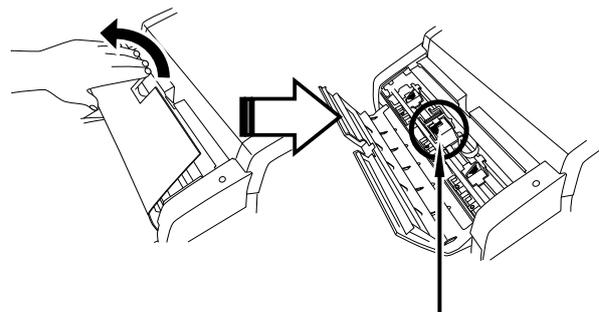
- When the following message appears, replace the Print Cartridge as soon as possible.



If you continue to print without replacing the cartridge, your print output will continue to appear lighter and lighter.

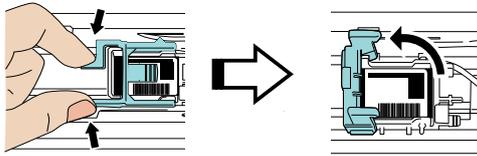
- When installing or replacing the print cartridge, be careful not to insert it out of place.

1. Turn off the scanner.
2. Open the Print Cartridge Cover by grasping its center and turning it towards you, as shown below.

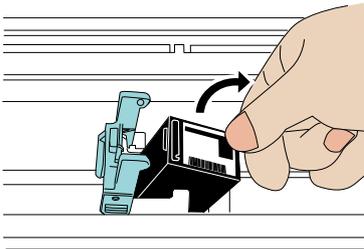


Print Cartridge Holder

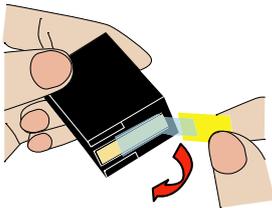
- Open the Print Cartridge Holder by slightly pinching and lifting up its locking lever with your finger as shown below.



- Remove the old Print Cartridge from the Print Cartridge Holder.

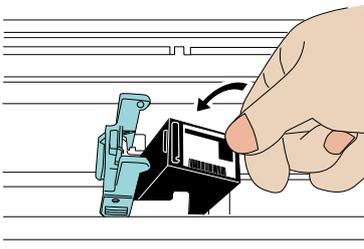


- Take the new Print Cartridge out of its pouch and detach the protection tape from the Print Cartridge.



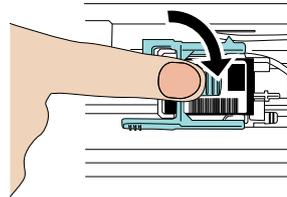
ATTENTION  Do not touch the metal part of the cartridge nor put the tape back again.

- Place the Print Cartridge into the holder as shown below with its tab pointing to the right.

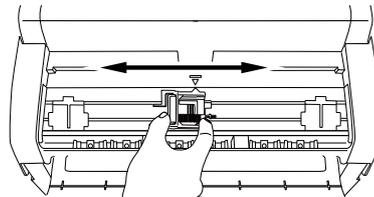


ATTENTION  Be careful not to let the print cartridge touch or catch on to the print circuit film.

- Lower the locking lever of the Print Cartridge Holder until it locks in and fixes the cartridge in place.

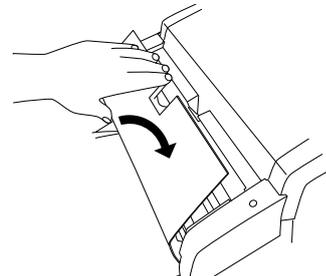


- Position the Print Cartridge Holder along where the document will pass through.



Be sure to position the print cartridge to have enough space from the document edge. If you position the Print Cartridge too close to the document edge, printing may be performed out of the document width.

- Close the Print Cartridge Cover.



- Turn on the scanner.

- Reset the Remaining Ink Counter.



You must reset the Remaining Ink Counter whenever you replace the print cartridge.

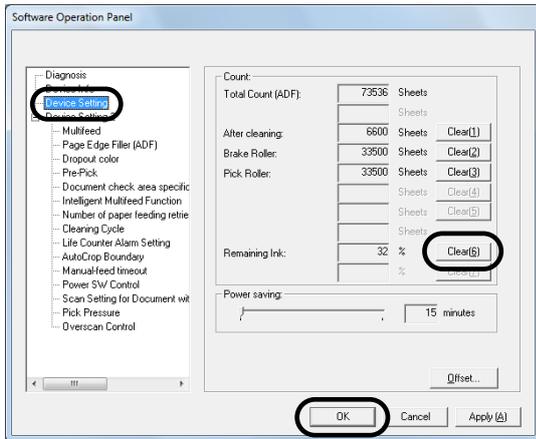
- Display the [Software Operation Panel] dialog box.

Windows Server 2008/Windows 7 or earlier
Click [Start] menu → [All Programs] → [fi Series] → [Software Operation Panel].

Windows Server 2012/Windows 8
Right-click the Start screen, and select [All apps] on the app bar → [Software Operation Panel] under [fi Series].

Windows Server 2012 R2/Windows 8.1
Click [!] on the lower left side of the Start screen → [Software Operation Panel] under [fi Series]. To display [!], move the mouse cursor.

- 2) Click [Device Setting] from left side list in the window.



- 3) Click the [Clear] button for [Remaining Ink].
⇒ The value of the [Remaining Ink] counter is set to 100.
- 4) Click the [OK] button on the [Software Operation Panel] window.

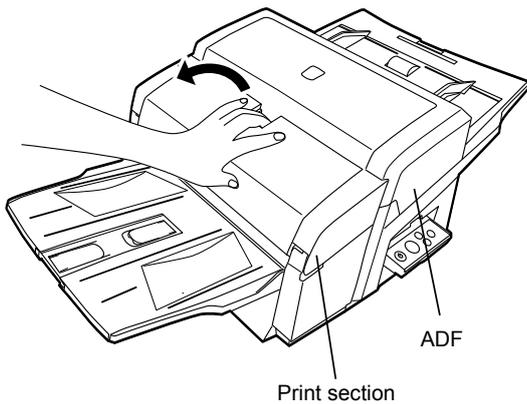
3.5. Removing Jammed Documents

Remove jammed documents sheets as follows:



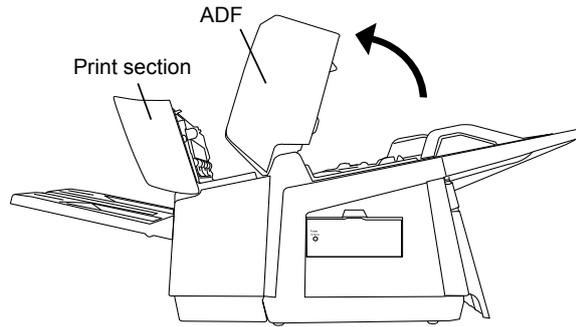
Do not forcefully pull out the documents pages.

1. Remove the documents on the ADF Paper Chute.
2. Grab center of the Print section, pull it open by turning it towards you.

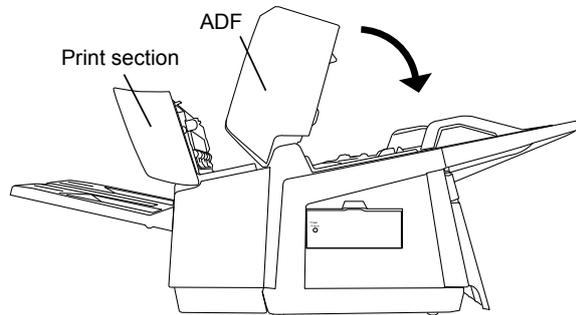


To open the ADF, first open the Print section before proceeding.

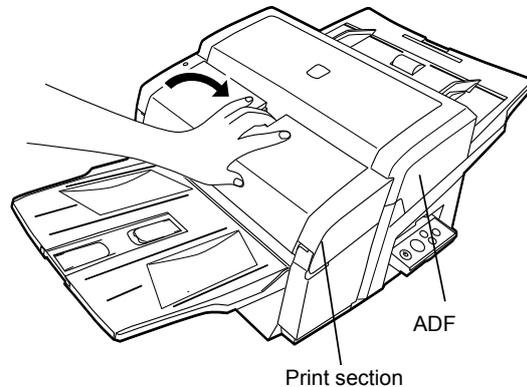
3. Open the ADF.



4. Carefully remove all the jammed documents.
5. Close the ADF.



6. Close the Print section.



Be sure that the ADF is closed first before closing the Print section.



- Do not move the imprinter and scanner while printing. Printing may distort.
- When not using the imprinter for a long time, please remove the print cartridge from the imprinter and store it.
- Ink is consumed every time at the initial start-up of the imprinter though no printing is performed.
- Do not move the scanner with the imprinter already installed. The imprinter may become damaged.

4. Daily Care

4.1. Cleaning the Print Cartridge

Poor quality prints can occur due to blocked ink emission holes in the nozzle. Leaving the imprinter unused for long periods can also cause emission holes to become blocked. When the emission holes are blocked, clean the nozzle surface of the print cartridge.

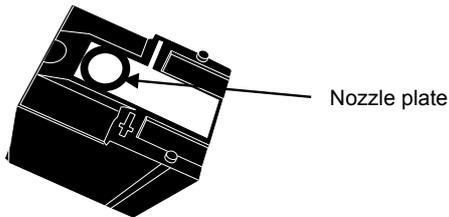


For cleaning, use a dry lint-free cloth (DO NOT use tissue), and gently wipe any dirt and stains off the nozzle's surface.



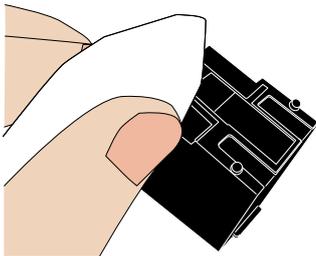
If the ink emission holes are still blocked after cleaning the print cartridge, replace it with a new cartridge.

1. Turn off the scanner.
2. Remove the Print Cartridge.
(Refer to “3.4. Replacing the Print Cartridge”)



When cleaning, be careful not to touch the nozzle plate or the contact parts of the cartridge directly by hand.

3. Gently wipe any dirt and stains off the nozzle plate.



4. Make sure that all dirt and stains are removed, before installing the Print Cartridge.

(Refer to “3.4. Replacing the Print Cartridge”)



When installing or replacing the print cartridge, be careful not to insert it out of place.

4.2. Cleaning the Imprinter

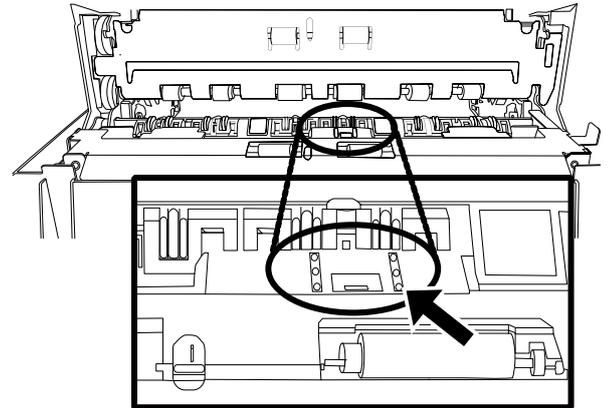
After frequent use, ink will begin to accumulate or stick to the base of the imprinter, which can soil printouts. Always maintain the imprinter base clean.

To assure high quality print outs and long use of the imprinter, adopt a daily maintenance procedure as given below.

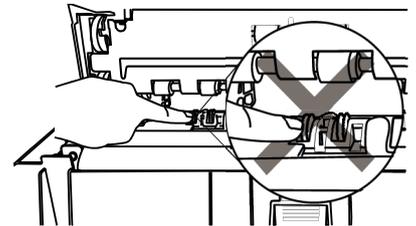


- When cleaning, gently wipe off dust on the imprinter base with an absorbent item that can remove the ink.
- If the ink is dried, gently wipe it with a moistened cloth. (Since the ink is water soluble, it can be cleaned away with water.)

1. Turn off the scanner.
2. Open the Print Cartridge Cover and remove the print cartridge.
(Refer to “3.4. Replacing the Print Cartridge”)
3. Open the Print section.
4. Wipe off any dirt or dust on the base surface of the Print Cartridge Holder with a lint-free cloth.



When cleaning, be careful not to touch the metal wheels located behind the upper rollers in the print section.



5. Check that the dirt is wiped off, and then close the Print section.
6. Reinstall the print cartridge and close the Print Cartridge Cover.

(Refer to “3.4. Replacing the Print Cartridge”)

4.3. Cleaning the Rollers

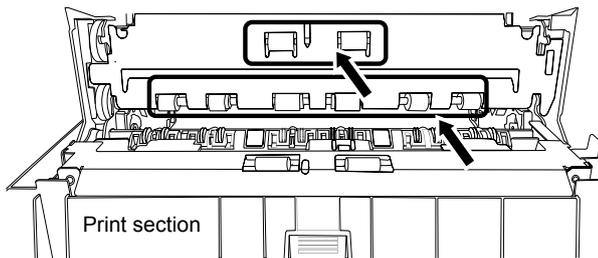
When ink or dust from paper is stuck on the feed roller surfaces, documents may not feed smoothly. To prevent feed problems, clean the roller surfaces regularly.



Recommended cleaning cycle is every 5,000 sheets. Actual cleaning cycle may be shorter depending on usage and documents.

1. Open the Print section.
2. Clean the eight rubber rollers.

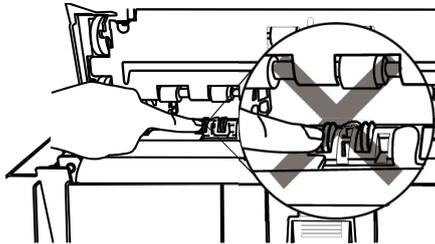
Clean the rubber rollers located as shown below.



Rotate the rollers with your fingers gently and wipe off any dirt or dust from the roller surface with a lint-free cloth.

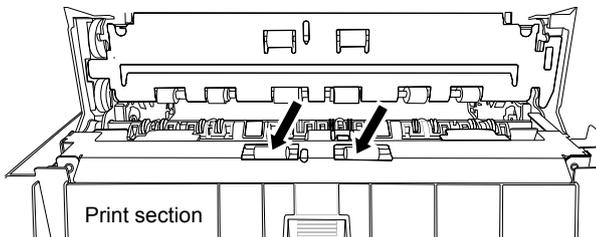


When cleaning, be careful not to touch the metal wheels located behind the upper rollers on the print section.



3. Clean the tow plastic rollers.

Clean the two black plastic rollers located inside the Print section.



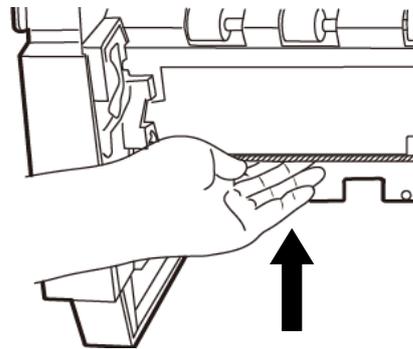
Rotate the rollers with your fingers gently and wipe off any dirt or dust from the roller surface with a lint-free cloth.

4. Confirm that all dirt and dust have been removed from the rollers. Close the Print section.

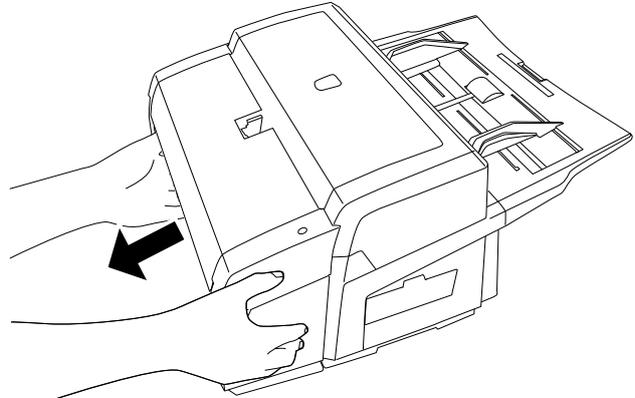
4.4. Removing the Imprinter

When removing the imprinter from the scanner, refer to “2.1. Installing the Imprinter” and remove as follows:

1. Remove the Stacker from the imprinter.
2. Remove the cover located under the Stacker from the imprinter.
3. Disconnect the EXT cable from the EXT connector of the scanner.
4. Remove the screw that connects the scanner to the imprinter.
5. Push up the lever located at bottom left of the imprinter.



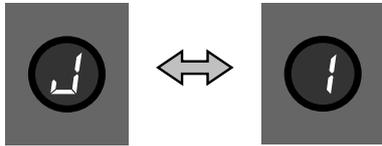
6. Remove the imprinter as shown below.



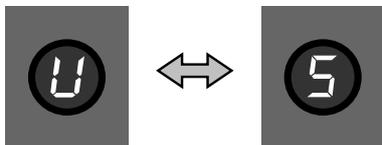
7. Remove the Attachment Guide from the scanner. (Refer to “How to remove the Attachment Guide” (P.8))
8. Replace the cover, which is removed in Step 2, to the scanner.
9. Replace the Stacker, removed in Step 1, to the scanner.

5. Error Messages

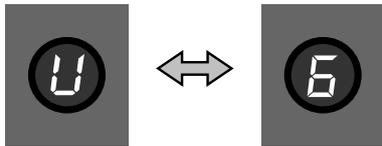
The following numbers or letters on the Function Number Display indicates a malfunction in the imprinter.



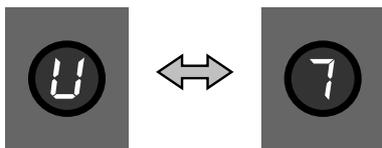
- Description** : Document jammed in the imprinter.
- How to solve** : Remove the jammed documents referring to “3.5. Removing Jammed Documents”.



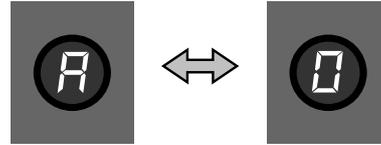
- Description** : The print section of the imprinter or ADF is open.
- How to solve** : Close the print section or ADF firmly.



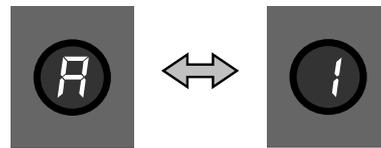
- Description** : The print cartridge is not installed.
- How to solve** : Open the print cartridge cover and confirm that the print cartridge is installed correctly.



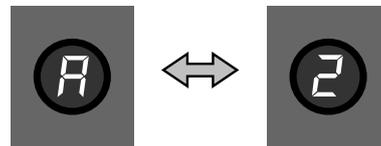
- Description** : The printing area specified is outside the printable area of document. Confirm the print cartridge position, or confirm the print starting position in the scanner driver.
- How to solve** : If the print cartridge is set outside the printable area (width-wise) of document, move it to a correct position so it will pass through within the document width.
If the printed text is not within the printable area (long-wise) of document, change the print starting position and/or the number of letters in the scanner driver so the text will be within the printable area.



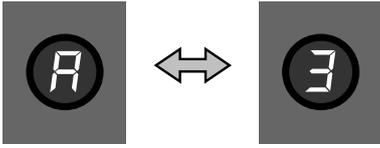
- Description** : The imprinter control board has an error.
- How to solve** : Turn off the scanner. After confirming that the EXT Cable is connected properly, turn it on again. (If the problem occurs again, contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.)



- Description** : A communication timeout occurred in the imprinter.
- How to solve** : Turn off the scanner. After confirming that the EXT Cable is connected properly, turn it on again. (If the problem occurs again, contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.)

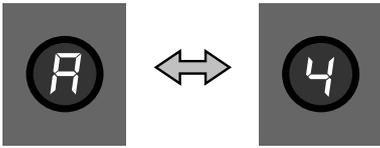


- Description** : A problem occurred to the ink head of the imprinter.
- How to solve** : Turn off the scanner. After confirming that the EXT Cable is connected properly, turn it on again. (If the problem occurs again, contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.)



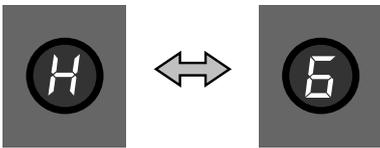
Description : The built-in memory (EEPROM) of the imprinter has an error.

How to solve : Turn off the scanner. After confirming that the EXT Cable is connected properly, turn it on again. (If the problem occurs again, contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.)



Description : The imprinter's ROM has an error.

How to solve : Turn off the scanner. After confirming that the EXT Cable is connected properly, turn it on again. (If the problem occurs again, contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.)



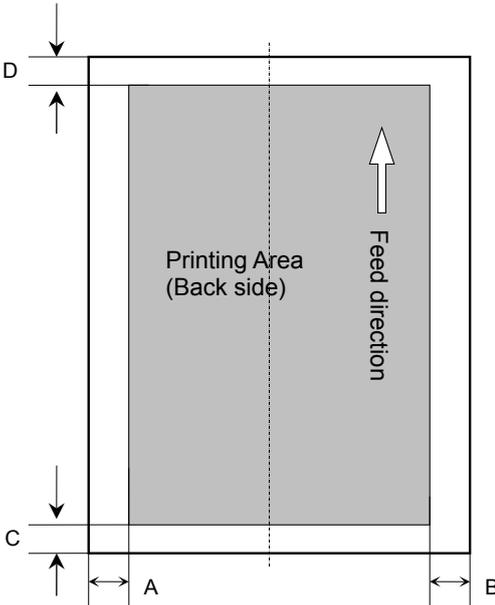
Description : The imprinter's circuitry has an error.

How to solve : Contact the store where you purchased the imprinter or contact an authorized FUJITSU scanner service provider.



For other errors, refer to "Image Scanner Operator's Guide" provided by the SETUP DVD-ROM bundled with fi-6670 / fi-6670A.

6. Specifications

Item	Specification
Printing Method	Thermal inkjet printing
Print Timing	Post printing
Printing Characters	Alphabet : A to Z, a to z Numeric Characters : 0, 1 to 9 Symbols : ! " \$ # % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~
Maximum number of characters per line	Maximum 43 characters
Print orientation	Normal : 0°, 180° (horizontal), 90°, 270° (vertical) Narrow : 0°, 180° (horizontal)
Character size	Normal : Height 2.91mm × width 2.82mm / 0.1146 × 0.1110 inch (horizontal orientation), Height 2.82mm × width 2.91mm / 0.1110 × 0.1146 inch (vertical orientation) Narrow : Height 2.91mm × width 2.12mm / 0.1146 × 0.0835 inch (horizontal orientation)
Character pitch	Normal : 3.53mm / 0.139 inch, Narrow : 2.54mm / 0.100 inch
Font Style	Regular, Bold
Character width	Normal, Narrow
Document that can be scanned	Documents supported by fi-6670 / fi-6670A For the details, please refer to “Image Scanner Operator’s Guide” – “2.2 ADF-Loaded Documents” <div style="border: 1px solid black; padding: 5px;">  <ul style="list-style-type: none"> • Documents with glossy surface such as thermal paper, thermal transfer paper, coated paper, and art paper take longer time for the ink to dry and may cause poor print quality. The imprinter must be cleaned more frequently if you use these types of papers. • Very thick paper or plastic document cannot be scanned when the imprinter is installed. </div>
Printing area	 <p style="text-align: right;"> A=5mm B=5mm C=5mm D=5mm (0.20 inch) </p> <div style="border: 1px solid black; padding: 5px; text-align: center;">  Do not print less than 5mm of the page margins. </div>
Accuracy of Printing position	±4 mm from the starting point for feeding direction
Dimension	Without scanner : 416(W) × 157(D) × 252(H) mm / 16.39(W) × 6.18(D) × 9.92(H) inches With scanner : 432(W) × 749(D) × 300(H) mm / 17.02(W) × 29.51(D) × 11.81(H) inches
Weight	5 kg (11.02 lbs)
Ambient condition	Temperature: 10 to 35°C (50 to 95°F), Humidity: 20 to 80%
Consumable	Print Cartridge (P/N: CA00050-0262) The printable number of characters: 4,000,000 characters (May decrease depending on the font selection) Replacement cycle : 4,000,000 characters or six months after opening