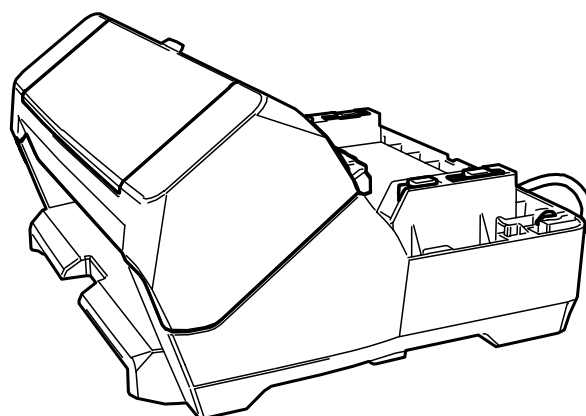


fi-819PRB Imprinter

Operator's Guide



Contents

Introduction	4
Trademarks	4
Manufacturer.....	4
Issue Date/Issuer	4
Safety Information.....	4
Abbreviations Used in This Manual.....	4
Arrow Symbols in This Manual	5
Screen Examples in This Manual.....	5
Notice	6
Preparations	7
Checking the Package Contents.....	7
Names of Component Parts.....	7
Without the Scanner.....	7
With the Scanner.....	8
Inside of the Imprinter	10
Installation	11
Installing the Imprinter.....	11
Installing the Print Cartridge.....	16
Test Print.....	19
For fi-8190/fi-8170	19
For fi-8150/fi-8150U	21
Print Patterns and the Results	22
Basic Operation	24
Setting the Position in Which to Print.....	24
Using the Paper Guides	25
Printing Close to the Edge of Documents Wider than A6 Size Documents.....	26
Removing the Paper Guides	27
Attaching the Paper Guides	27
Imprinter Settings	28
Replacing the Print Cartridge	29
Removing Jammed Documents.....	32

Daily Care	34
Cleaning the Print Cartridge.....	34
Cleaning the Imprinter.....	35
Cleaning the Rollers	37
Cleaning Materials	40
Error Messages	41
Checking the Product Label	44
Specifications	45

Introduction

Thank you for purchasing this product.

This product is an optional unit to be used with fi-8190/fi-8170/fi-8150/fi-8150U, that can print text (e.g. alphabets, numbers) on a document after scanning.

This manual explains installation and connection, basic operations, and regular maintenance of the product. Use the product correctly according to this manual.

For how to use fi-8190/fi-8170/fi-8150/fi-8150U, refer to "Image Scanner fi-8190/fi-8290/fi-8170/fi-8270/fi-8150/fi-8250/fi-8150U/fi-8250U Operator's Guide" contained in the setup DVD-ROM included in the package.

We hope that this manual helps you make the most of the product.

Trademarks

Microsoft, Windows, and Windows Server are trademarks of the Microsoft group of companies.

PaperStream is a registered trademark of PFU Limited in Japan.

Other company names and product names are the registered trademarks or trademarks of the respective companies.

Manufacturer

PFU Limited

YOKOHAMA i-MARK PLACE, 4-5 Minatomirai 4-chome, Nishi-ku, Yokohama-shi, Kanagawa
220-8567 Japan.

Issue Date/Issuer

Issue date: March 2024

Issued by: PFU Limited

Regulatory Model : P3810K

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Safety Information

The attached "Safety Precautions" manual contains important information about the safe and correct use of this product.

Make sure that you read and understand it before using the scanner.

Abbreviations Used in This Manual

The operating systems and products in this manual are indicated as follows.

Name	Indication
Windows® 10 Home (32-bit/64-bit) Windows® 10 Pro (32-bit/64-bit) Windows® 10 Enterprise (32-bit/64-bit) Windows® 10 Education (32-bit/64-bit)	Windows 10 (*1)
Windows Server® 2016 Standard (64-bit)	Windows Server 2016 (*1)
Windows Server® 2019 Standard (64-bit)	Windows Server 2019 (*1)
Windows Server® 2022 Standard (64-bit)	Windows Server 2022 (*1)
Windows® 11 Home (64-bit) Windows® 11 Pro (64-bit) Windows® 11 Enterprise (64-bit) Windows® 11 Education (64-bit)	Windows 11 (*1)
PaperStream IP (TWAIN) PaperStream IP (TWAIN x64) PaperStream IP (ISIS) fi-8000 Series	PaperStream IP driver
fi-819PRB Imprinter	imprinter
fi-8190/fi-8170/fi-8150/fi-8150U	scanner
Image Scanner fi-8190/fi-8290/fi-8170/fi-8270/fi-8150/ fi-8250/fi-8150U/fi-8250U Operator's Guide	Operator's Guide

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

Arrow Symbols in This Manual

Right-arrow symbols (→) are used to separate icons or menu options which should be selected in succession.

Example:Click [Start] menu → [Control Panel].

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 development.

If the actual displayed 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 that you are using.

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

The screenshots used in this manual are of Windows 10. The actual windows and operations may differ depending on the operating system. Also note that the screens and operations may differ from this manual after the scanner application software is updated. In that case, refer to the manual provided upon updating the software.

Notice

- The contents of this manual are subject to change without notice.
- PFU Limited assumes no liability for incidental or consequential damages arising from the use of this product, and any claims by a third party.
- Copying of the contents of this manual, in whole or in part, as well as the scanner applications is prohibited under the copyright law.

Preparations

Checking the Package Contents

Check the package contents list that is included in the imprinter package box to make sure that all items are included in the package.

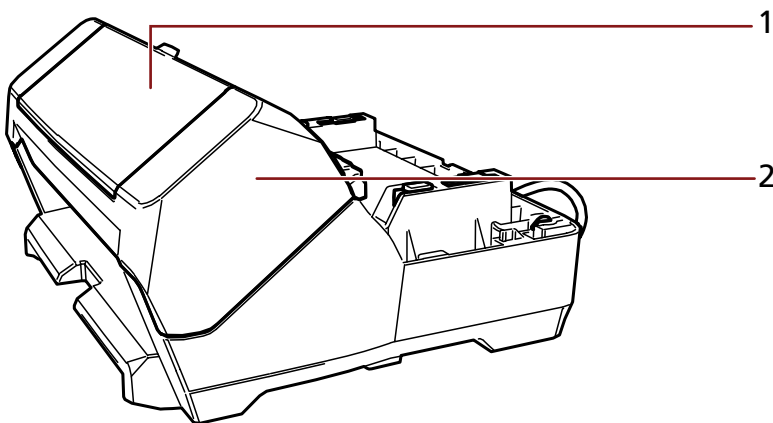
If anything is missing or damaged, contact the distributor/dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.

Use this product and accessories carefully.

Names of Component Parts

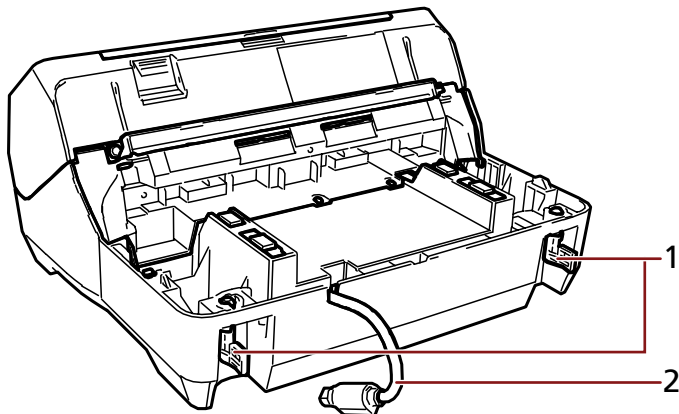
Without the Scanner

- Front



- 1 Print cartridge cover
- 2 Pint section (imprinter cover)

● Back

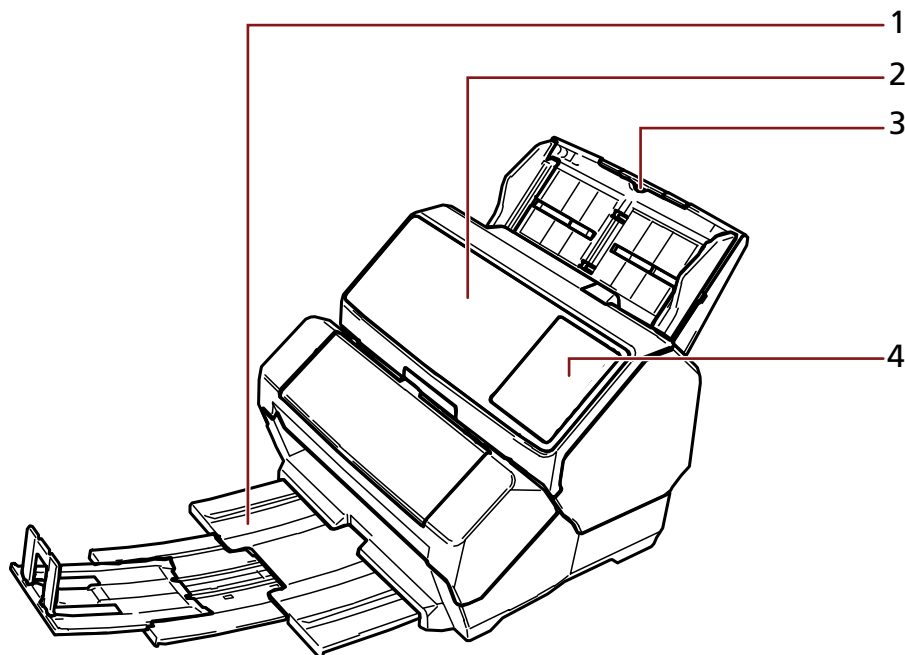


1 Lock

2 EXT cable

With the Scanner

● Front

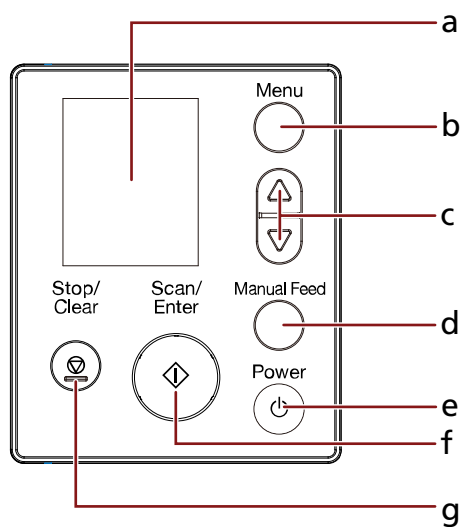


1 Stacker

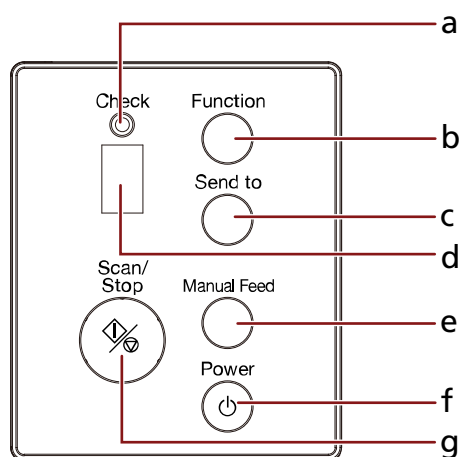
2 ADF (Automatic Document Feeder)

3 ADF paper chute (feeder)

4 Operator panel

For fi-8190/fi-8170

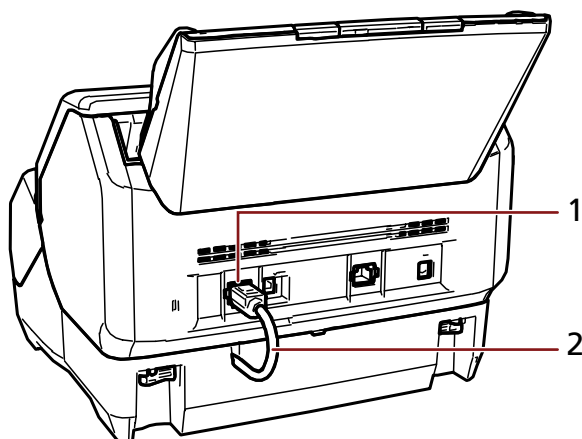
- a** LCD
- b** [Menu] button
- c** [\triangle] button/[∇] button
- d** [Manual Feed] button
- e** [Power] button
- f** [Scan/Enter] button
- g** [Stop/Clear] button

For fi-8150/fi-8150U

- a** LED indicator
- b** [Function] button
- c** [Send to] button

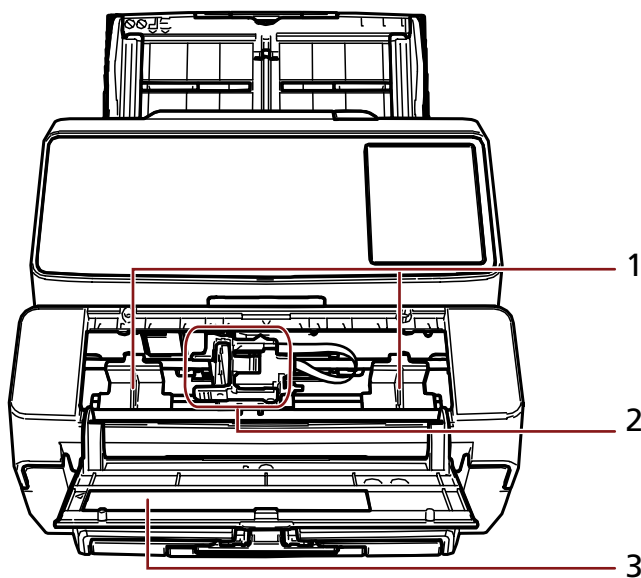
- d Function Number Display
- e [Manual Feed] button
- f [Power] button
- g [Scan/Stop] button

- Back



- 1 EXT connector
- 2 EXT cable

Inside of the Imprinter



- 1 Paper guide
- 2 Print cartridge holder
- 3 Print cartridge cover

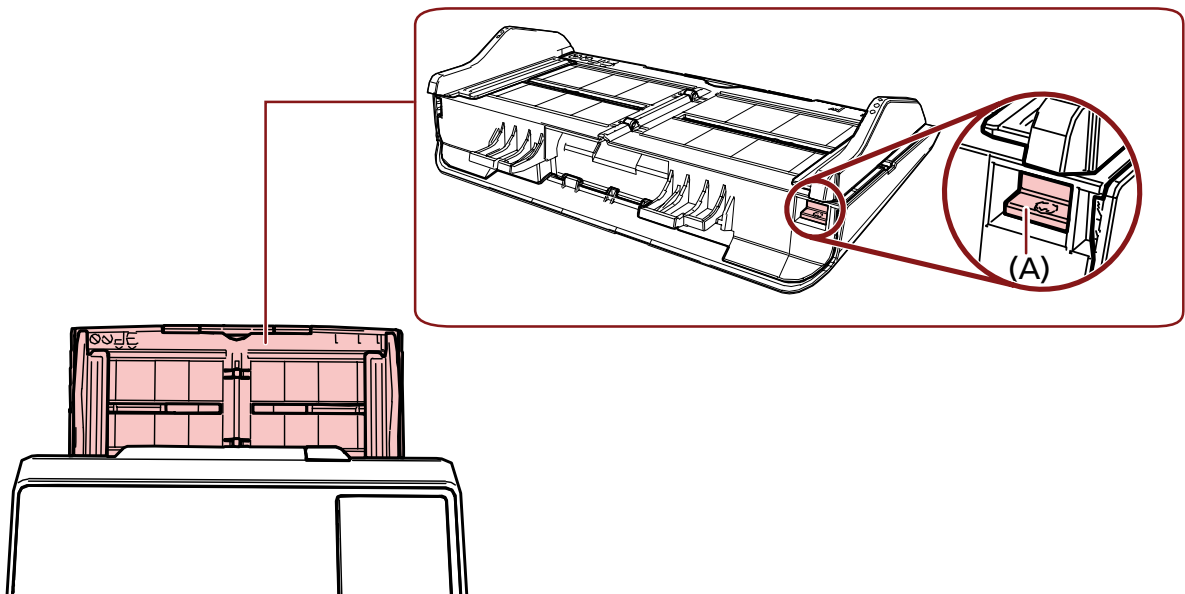
Installation

Installing the Imprinter

Install the imprinter in the following procedure.

- 1 Turn off the scanner and disconnect the power cable.
- 2 Remove the ADF paper chute (feeder) and make sure that the side guide adjuster (A) is pushed in to the end.

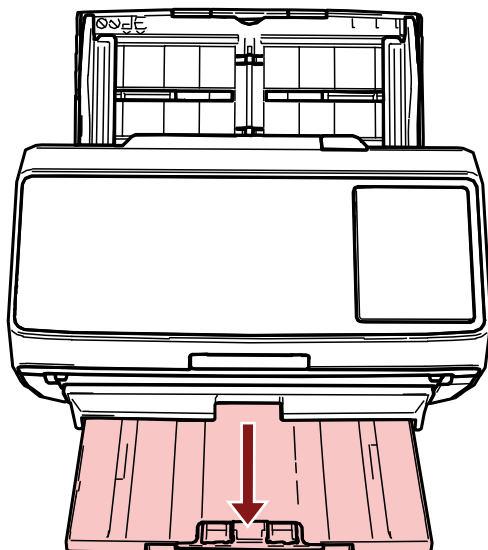
For details about how to operate the side guide adjuster, refer to the Operator's Guide for your scanner.



After making sure that there are no problems, attach the ADF paper chute (feeder).

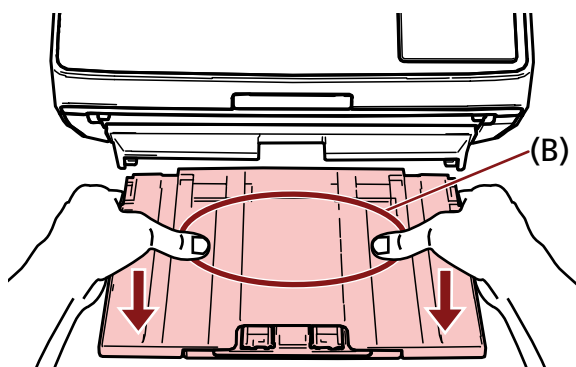
- 3 Remove the stacker from the scanner.

- a Pull out the stacker.



- b Hold both ends of the stacker with both hands.

- c Press the part indicated with (B) in the figure using both thumbs to bend the stacker and then pull out the stacker towards you.

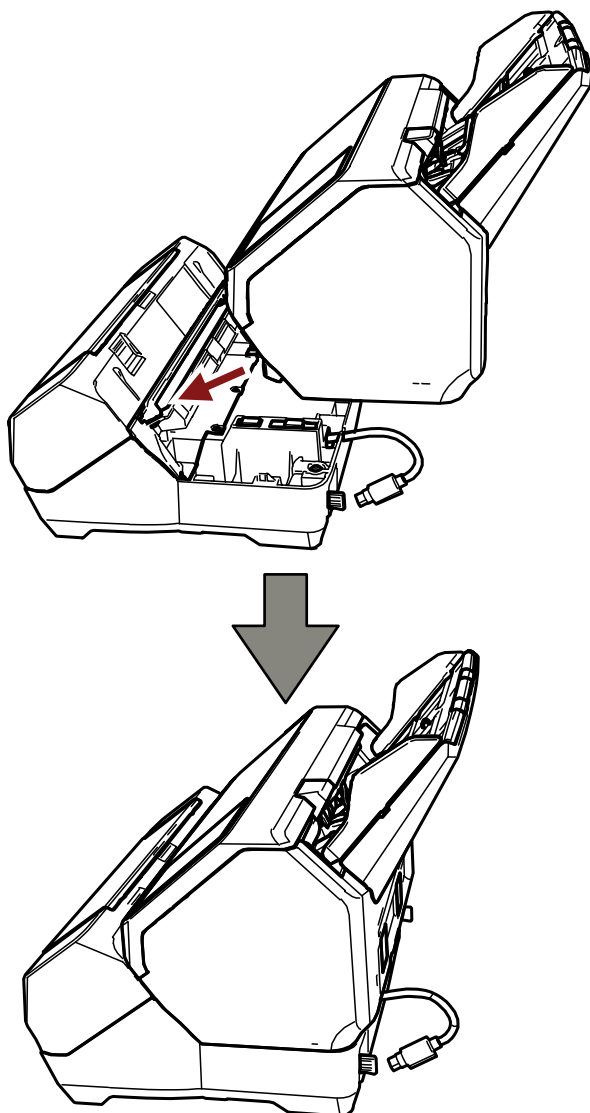


ATTENTION

Make sure you remove the stacker before installing the imprinter.

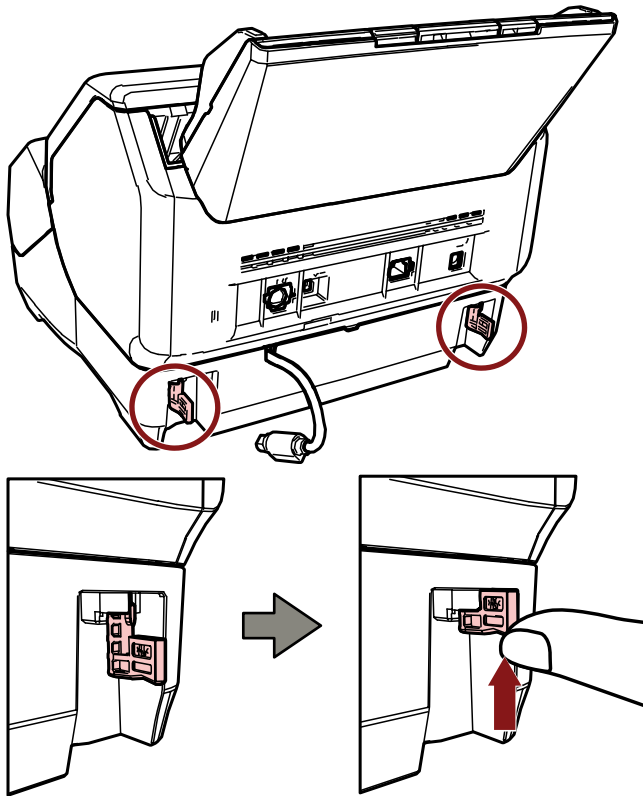
- 4 Attach the imprinter to the scanner.

Hold the scanner above the rear side of the imprinter and gently lower it onto the base of the imprinter until it fits in place.

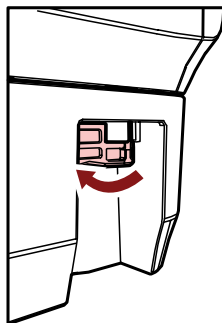
**ATTENTION**

Be careful not to get your fingers or the EXT cable caught.

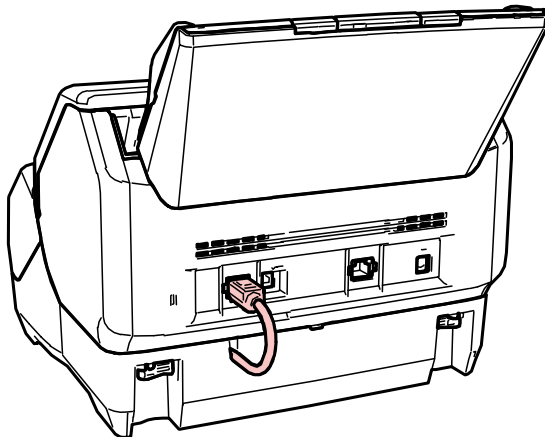
- 5** Raise the locks (two locks on the back side).



- 6** Turn the locks (two locks on the back side) inward.



- 7** Connect the EXT cable to the EXT connector on the back of the scanner.

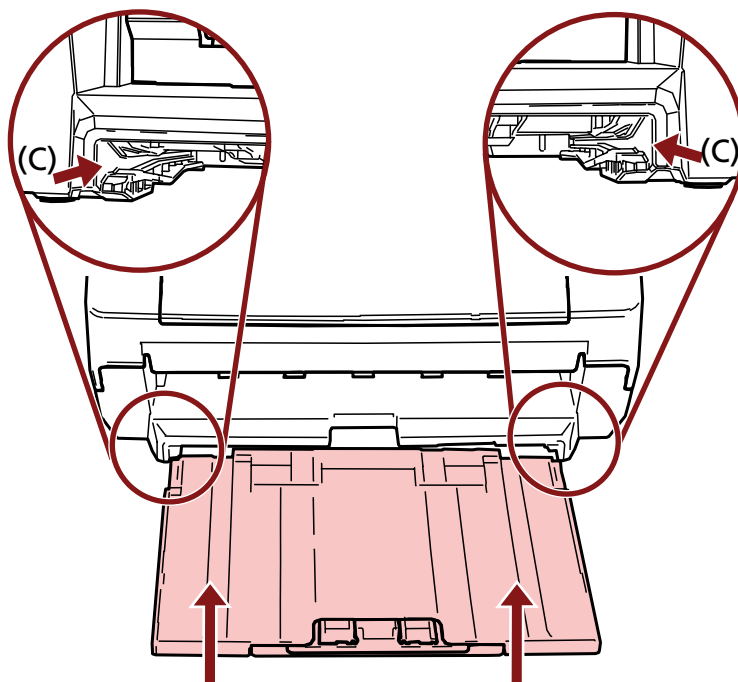


ATTENTION

If the EXT cable is not connected, the imprinter does not work. Scanning documents without the cable connected will cause paper jams.

8 Install the stacker (removed in step 3) to the front side of the imprinter.

- a Hold both ends of the stacker with both hands.
- b Insert the stacker into the right and left parts indicated with (C) on the imprinter while pushing it in the direction of the arrow.

**9** Connect the power cable.**ATTENTION**

Do not move the scanner with the imprinter installed.
The imprinter may be damaged.

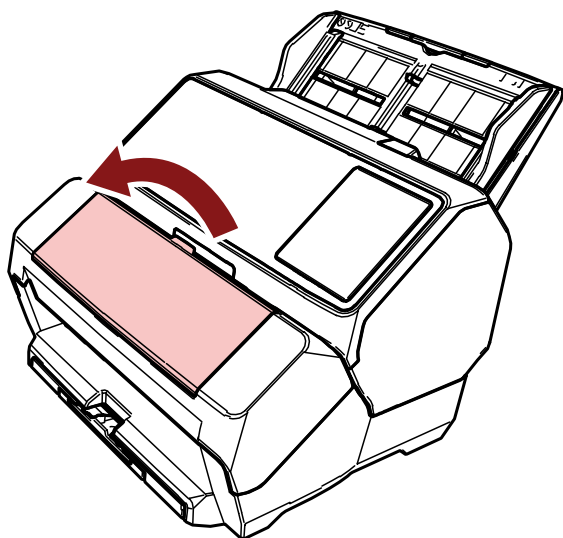
Installing the Print Cartridge

Install the print cartridge in the following procedure.

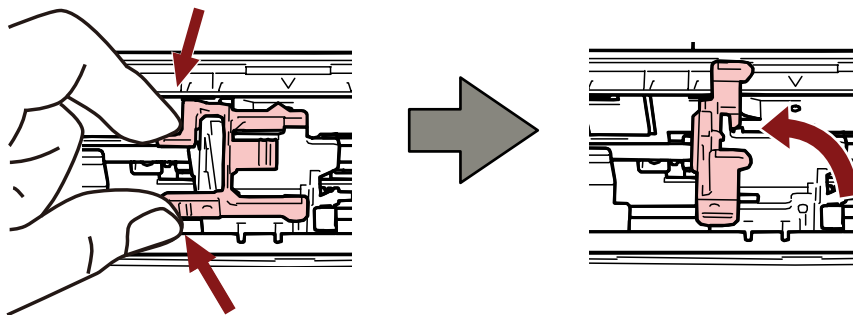
ATTENTION

When installing the print cartridge, make sure that you install it in the correct orientation.

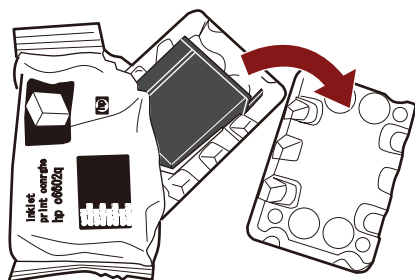
- 1 Turn off the scanner.
- 2 Open the print cartridge cover.



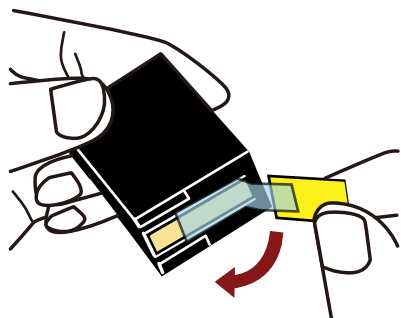
- 3 When purchasing the imprinter and installing the print cartridge for the first time, remove the tape that holds the print cartridge holder and the paper guides.
- 4 Pinch and lower the arms of the print cartridge holder with your fingers as shown below to raise the arms on the other end.



5 Take out the print cartridge from the bag.

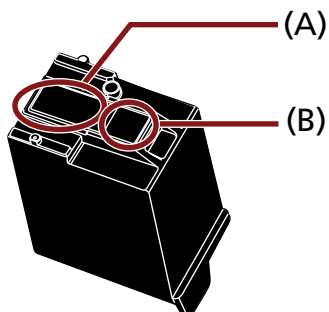


6 Remove the protection tape on the print cartridge.

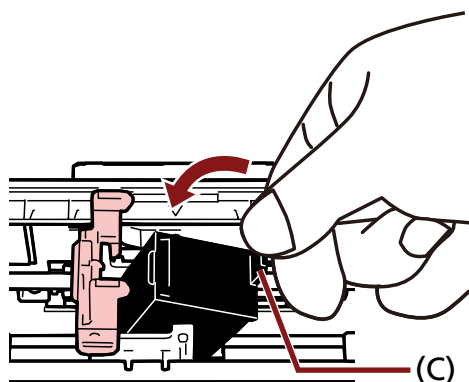


ATTENTION

- Do not put the tape back again.
- Be careful not to touch the print head of the print cartridge (the contact part (A) and the nozzle plate (B)) with your hands. Printing may be out of order.

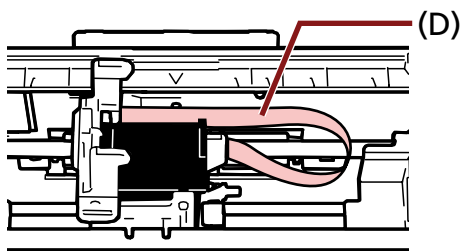


7 With the tab (C) on the print cartridge facing right, put the print cartridge into the holder.



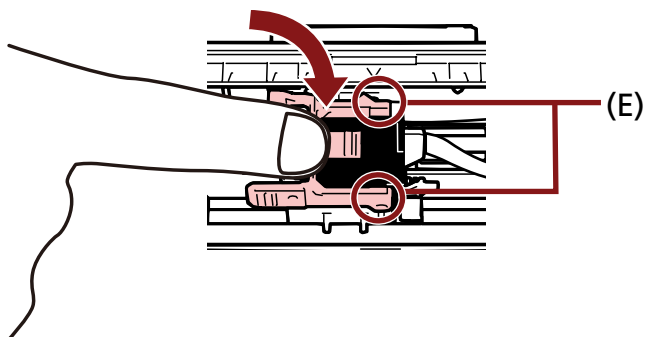
ATTENTION

Be careful not to let the print cartridge catch the print circuit film (D) to avoid damaging the film.



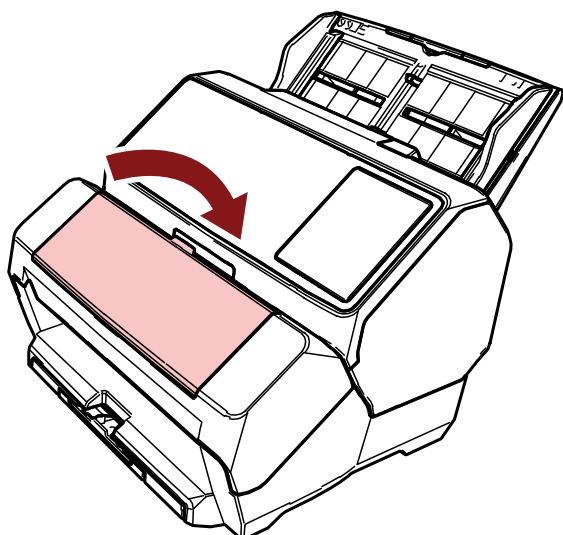
- 8** Bring down the arm of the print cartridge holder down gently until it locks in and set the print cartridge in place.

Make sure that the catches (E) on the arm latch onto the print cartridge firmly.



- 9** Move the print cartridge holder to an appropriate position in which to print.
(Refer to [Setting the Position in Which to Print \(page 24\)](#))

- 10** Close the print cartridge cover.

**ATTENTION**

When you do not use the imprinter for a long time, remove the print cartridge.
Ink will be consumed every time the scanner is powered-on even if printing is not done.

Test Print

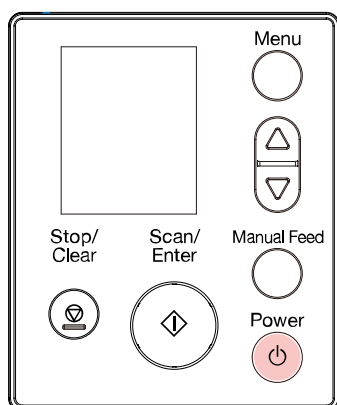
After installing the print cartridge, check if the printing operation works normally.

HINT

For details about the operator panel, refer to the Operator's Guide for your scanner.

For fi-8190/fi-8170

- 1 Press the [Power] button on the operator panel on the scanner.



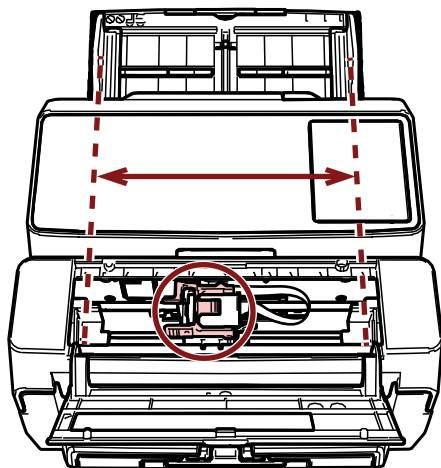
The [Ready] screen is displayed on the LCD.

- 2 Load blank documents in the scanner.

Load one or more documents.

HINT

- Use an A4 or Letter size blank sheet.
If the paper size is smaller than A4 or Letter, printing may not complete successfully.
- Make sure that the print cartridge holder is positioned within the document width.



3 Press the [Menu] button.

The [Settings Menu] screen is displayed on the LCD.

4 Press the [\triangle] button/[∇] button and select [4: Test Print], and then press the [Scan/Enter] button.

The [No. of sheets scanned] screen is shown on the LCD.

ATTENTION

If the Imprinter is disconnected or not connected properly, [Cannot use this function because the Imprinter is not connected.] is shown on the LCD.

5 Press the [\triangle] button/[∇] button and select [1: Single sheet only] or [2: Multiple sheets], then press the [Scan/Enter] button to confirm.

When [2: Multiple sheets] is selected, printing is performed for all sheets set in the scanner.

The [Print Pattern] screen is shown on the LCD.

6 Press the [\triangle] button/[∇] button and select a print pattern, and then press the [Scan/Enter] button.

For details about print patterns, refer to [Print Patterns and the Results \(page 22\)](#).

The [Test Print] screen is shown on the LCD.

7 Press the [\triangle] button/[∇] button and select [1: Yes], and then press the [Scan/Enter] button.

The blank sheets are fed into the scanner, and the imprinter will print out a print pattern leaving a 5 mm gap (with an allowance of 4 mm inwards or outwards) from the edge of each document.

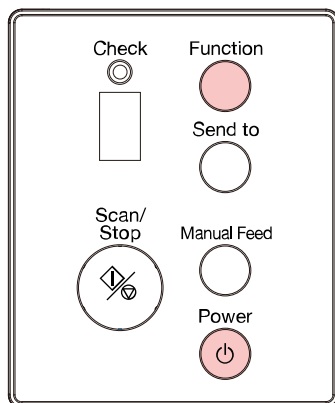
ATTENTION

Do not move the imprinter or give it a jolt while printing.
Printing may be out of order.

8 When you have finished running the test print, press the [Stop/Clear] button to return to the [Ready] screen.

For fi-8150/fi-8150U

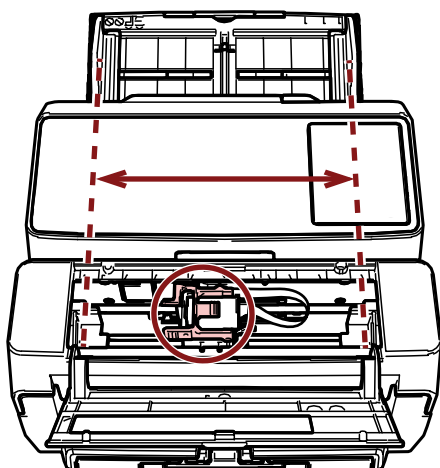
- 1 Turn off the scanner if it is on.
- 2 On the operator panel, hold down the [Function] button and press the [Power] button. Keep holding down the [Function] button.



- 3 When "b" is displayed after "P" in the Function Number Display, release the [Function] button.
- 4 Load blank documents in the scanner.
When you load one blank document, you can check the result of Print Pattern 1 only.
Load multiple blank documents to check the results of some print patterns.
For details about print patterns, refer to [Print Patterns and the Results](#) (page 22).

HINT

- Use an A4 or Letter size blank sheet.
If the paper size is smaller than A4 or Letter, printing may not complete successfully.
- Make sure that the print cartridge holder is positioned within the document width.



- 5 Press the [Scan/Stop] button.

One blank sheet is fed into the scanner, and the imprinter will print out a print pattern leaving a 5 mm gap (with an allowance of 4 mm inwards or outwards) from the edge of the document.

When multiple sheets of documents are loaded in the scanner, Print Patterns 1 through 6 are printed repeatedly.

Printing stops when one pattern is printed. To continue the test print, press the [Scan/Stop] button.

ATTENTION

Do not move the imprinter or give it a jolt while printing.

Printing may be out of order.

- 6 To finish the print test, press the [Power] button on the operator panel of the scanner to turn off the power of the scanner.

Print Patterns and the Results

● Print Pattern

Pattern 1 (Horizontal):

ABCDEFGHIJKLMNOPQRSTUVWXYZ[¹/₂]^_`00000000

Pattern 2 (Horizontal):

abcdefghijklmnopqrstuvwxyz{ }~00000000

Pattern 3 (Horizontal):

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

Pattern 4 (Vertical):

ABCDEFGHIJKLMNOPQRSTUVWXYZ[¹/₂]^_`00000000

Pattern 5 (Vertical):

abcdefghijklmnopqrstuvwxyz{ }~00000000

Pattern 6 (Vertical):

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

HINT

The numbering section "00000000" increases in increments of one, starting from 0 (zero).

Example

- For fi-8190/fi-8170

If you select [2: Multiple Sheets] and [Pattern 1], load three blank documents, and run a test print, the results on each sheet are as follows:

1st sheet: ABCDEFGHIJKLMNOPQRSTUVWXYZ[¹/₂]^_`00000000

2nd sheet: ABCDEFGHIJKLMNOPQRSTUVWXYZ[$\frac{1}{2}$] ^_`00000001

3rd sheet: ABCDEFGHIJKLMNOPQRSTUVWXYZ[$\frac{1}{2}$] ^_`00000002

- For fi-8150/fi-8150U

If you load seven blank documents and run a test print, the results on each sheet are as follows:

1st sheet (Pattern 1): ABCDEFGHIJKLMNOPQRSTUVWXYZ[$\frac{1}{2}$] ^_`00000000

2nd sheet (Pattern 2): abcdefghijklmnopqrstuvwxyz{ }~00000001

3rd sheet (Pattern 3): !"#\$%&'()*+,-./0123456789;:<=>?@00000002

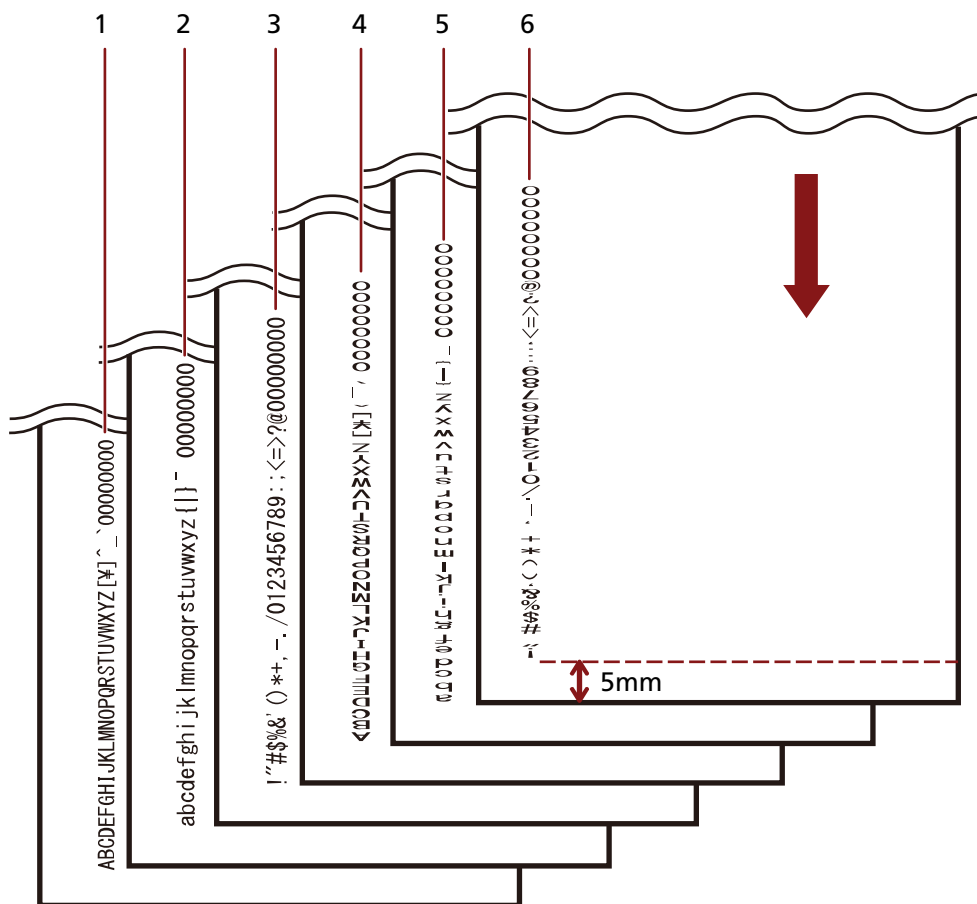
4th sheet (Pattern 4): ABCDEFGHIJKLMNOPQRSTUVWXYZ[$\frac{1}{2}$] ^_`00000003

5th sheet (Pattern 5): abcdefghijklmnopqrstuvwxyz{ }~00000004

6th sheet (Pattern 6): !"#\$%&'()*+,-./0123456789;:<=>?@00000005

7th sheet (Pattern 7): ABCDEFGHIJKLMNOPQRSTUVWXYZ[$\frac{1}{2}$] ^_`00000006

● Print Pattern and the Result



↓: Feed direction for blank documents

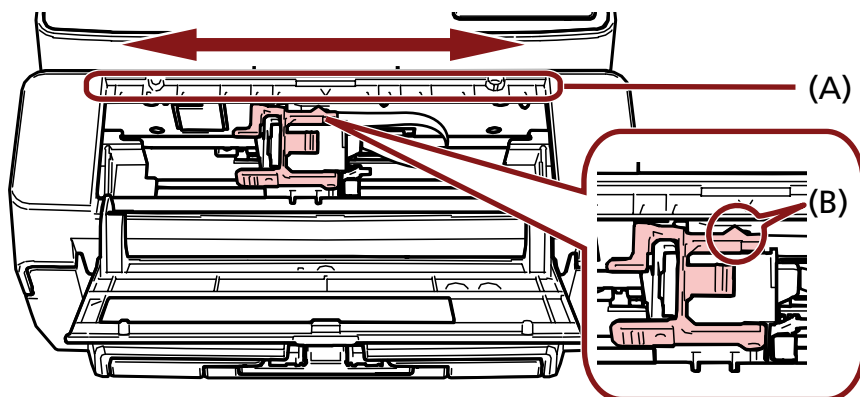
Basic Operation

Setting the Position in Which to Print

Set the position in which to print in the following procedure.

- 1 Open the print cartridge cover.
- 2 Move the print cartridge holder to an appropriate position in which to print.
 - a Slide the print cartridge holder to the left or right within the document width.
 - b Use the document size markings (A) inside the imprinter as a guide and align the part (B) of the print cartridge holder with the position in which you want to print.

If the paper guide is located at the position in which you want to print, refer to [Printing Close to the Edge of Documents Wider than A6 Size Documents](#) (page 26) to move them.

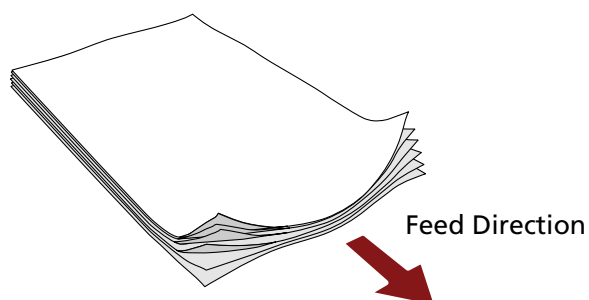


ATTENTION

When printing close to the document edge, printing may occur outside of the document range so set the position of the print cartridge carefully.

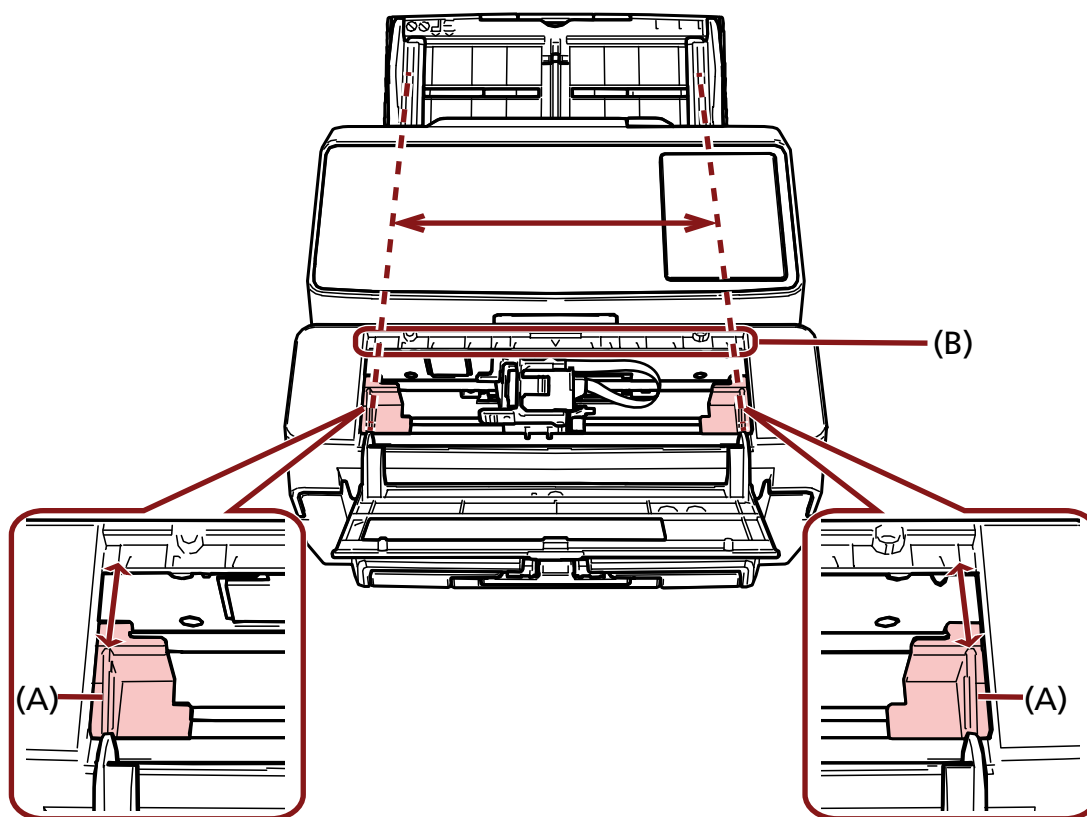
Using the Paper Guides

When documents have curled edges like the figure below, use the paper guides to prevent paper jams.



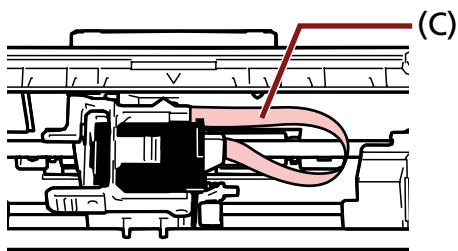
Move the paper guides to the positions where the edges of documents pass through in the following procedure.

- 1 Load documents in the scanner.**
- 2 Open the print cartridge cover.**
- 3 Slide the paper guides (A) to the positions where the edges of documents pass through.**
Use the document size markings (B) inside the imprinter as a guide when positioning the paper guides.
Example: For A4 size documents



ATTENTION

Be careful not to let the paper guides come into contact with the print circuit film (C) to avoid damaging the film.

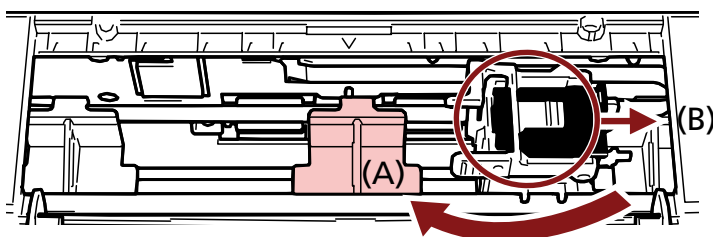


Printing Close to the Edge of Documents Wider than A6 Size Documents

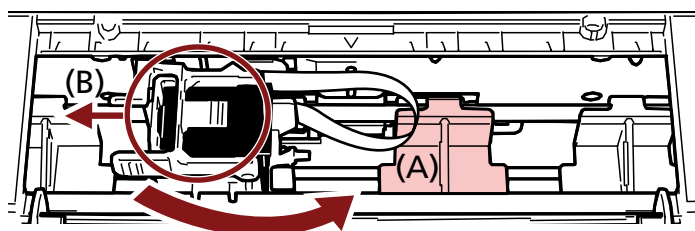
Move the paper guide in order to print close to the edge of documents wider than A6 size documents.

- 1 Remove the paper guide from the position in which you want to print.
(Refer to [Removing the Paper Guides \(page 27\)](#))
- 2 Attach the paper guide in the available space (A) near the center and slide the print cartridge holder to the edge (B).
(Refer to [Attaching the Paper Guides \(page 27\)](#))

For right-edge printing



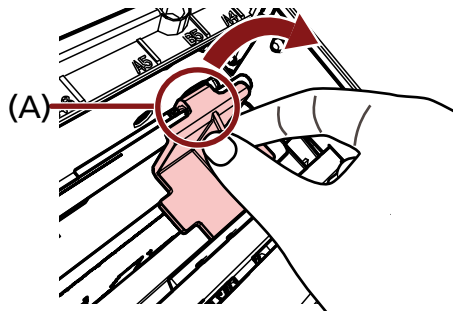
For left-edge printing



- 3 Adjust the position of the print cartridge holder.
(Refer to [Setting the Position in Which to Print \(page 24\)](#))

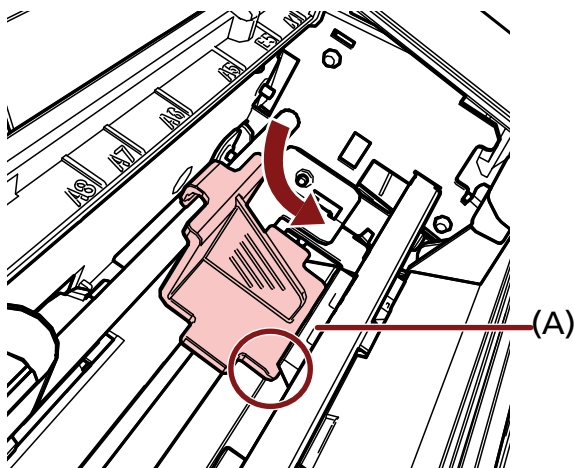
Removing the Paper Guides

- 1 To remove the paper guides, pinch the paper guide with your fingers and pull it out.
If it is difficult to remove, turn the paper guide to unlatch the catch in (A) and pull it off.

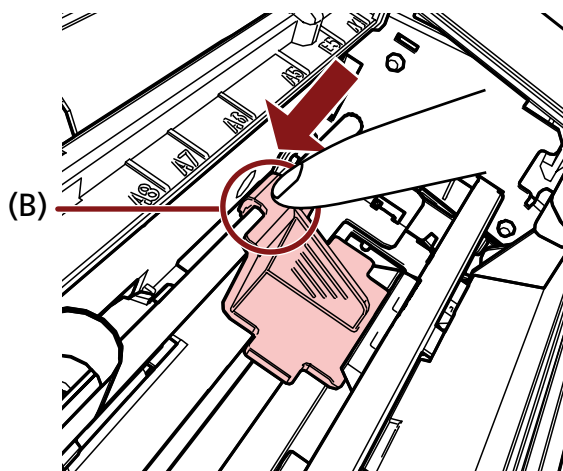


Attaching the Paper Guides

- 1 Put the paper guide in place.
Make sure that the paper guide is under the metal wheel (A).



- 2 Push down the part (B) of the paper guide until it fits in well.



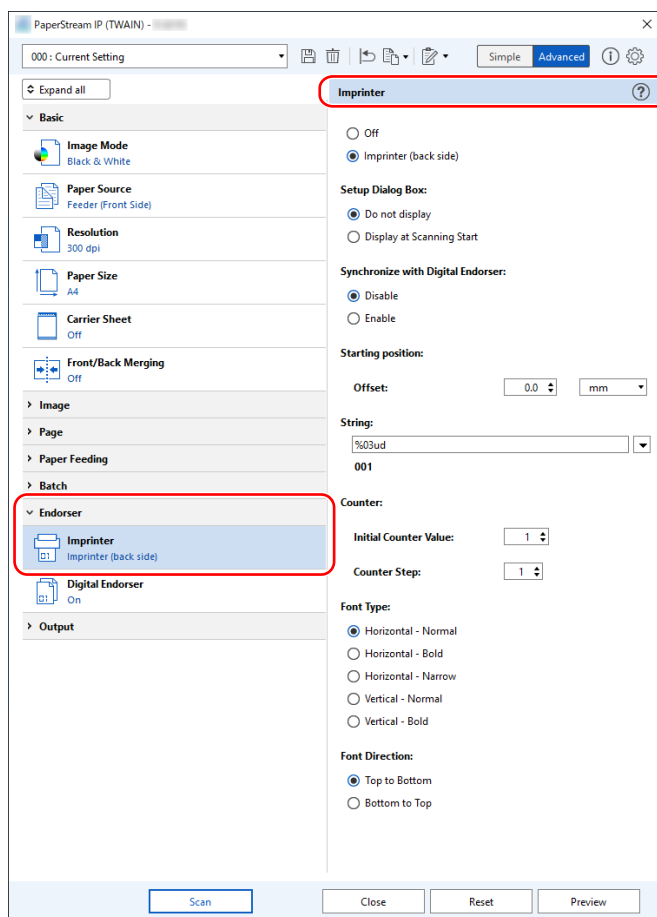
Imprinter Settings

You can configure settings for the imprinter in the scanner driver.

For details about how to configure the settings, refer to the help for the scanner driver.

● PaperStream IP (TWAIN) (Example)

Display the Advanced dialog and configure the settings in [Imprinter] of [Endorser].



Replacing the Print Cartridge

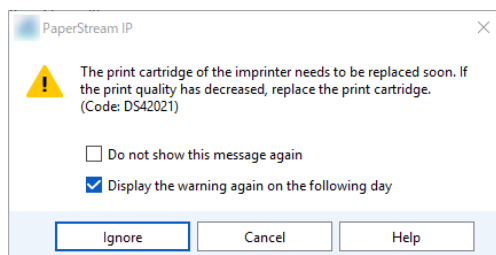
The print cartridge is a consumable.

Replace the print cartridge in the following procedure.

ATTENTION

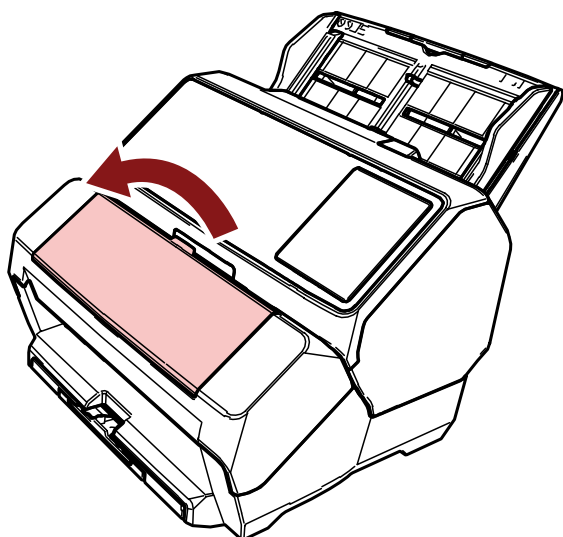
When the following message appears, replace the print cartridge as soon as possible.

If you continue to print without replacing the cartridge, your print output will be faded.

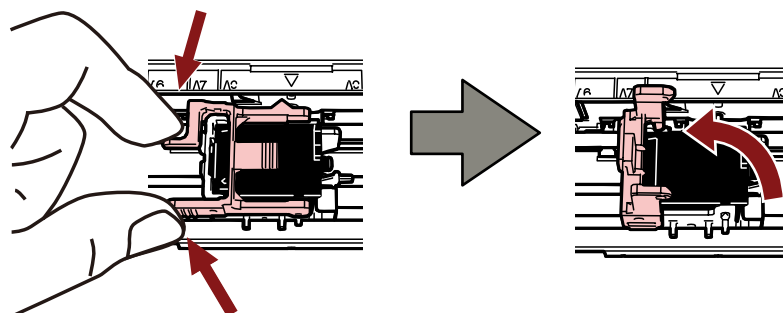


For information on purchasing the print cartridge, contact the distributor/dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.

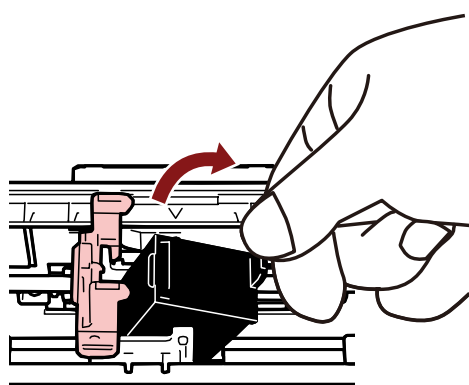
- 1 Turn off the scanner.
- 2 Open the print cartridge cover.



- 3** Pinch and lower the arms of the print cartridge holder with your fingers as shown below to raise the arms on the other end.



- 4** Pinch and remove the old print cartridge with your fingers.



- 5** Reinstall the new print cartridge.
(Refer to steps 5 to 10 in [Installing the Print Cartridge \(page 16\)](#).)

ATTENTION

When installing the print cartridge, make sure that you install it in the correct orientation.

- 6** Confirm that the scanner is connected to the computer, then turn on the scanner.
For details about how to connect the scanner to the computer, refer to the Operator's Guide for your scanner.
- 7** Reset the ink counter in the following procedure.

ATTENTION

Be sure to reset the ink counter after replacing the print cartridge.

Use Software Operation Panel to reset the ink counter.

For details about Software Operation Panel, refer to the Operator's Guide for your scanner.

- a** Display the [Software Operation Panel] window.

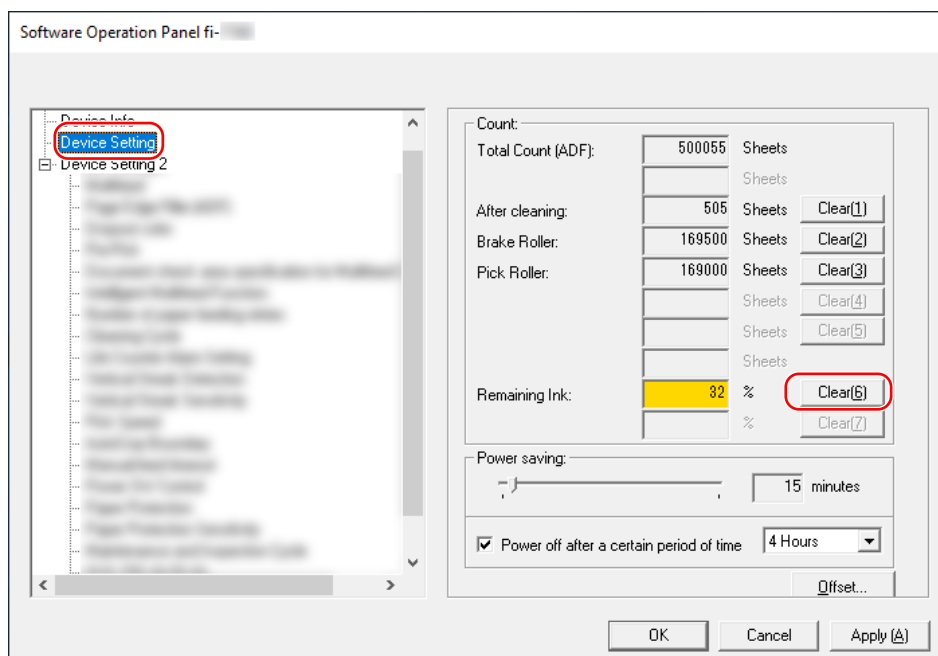
Windows 10/Windows Server 2016/Windows Server 2019/Windows Server 2022

Click [Start] menu → [fi Series] → [Software Operation Panel].

Windows 11

Click [Start] menu → [All apps] → [fi Series] → [Software Operation Panel].

- b** Click [Device Setting] from the list on the left, and then click the [Clear] button of [Remaining Ink].



The value of the counter is set to 100.

- c** Click the [OK] button on the [Software Operation Panel] window.
- d** A message appears asking you whether to apply the changes to Software Operation Panel. Click the [OK] button.

The [Software Operation Panel] window closes, and the ink counter is cleared.

ATTENTION

When you do not use the imprinter for a long time, remove the print cartridge.
Ink will be consumed every time the scanner is powered-on even if printing is not done.

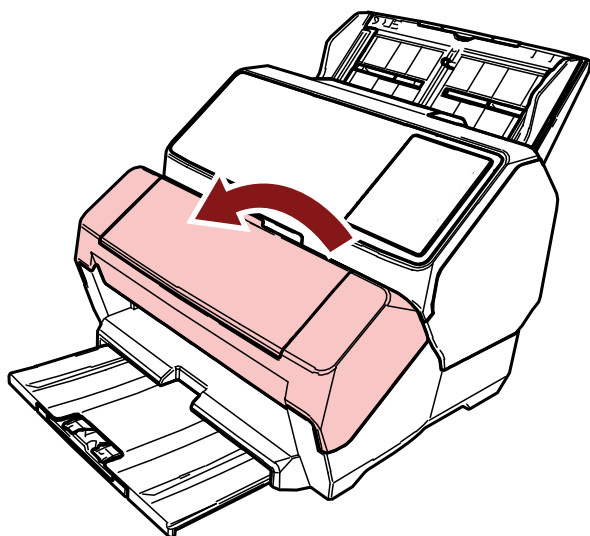
Removing Jammed Documents

When a paper jam occurs, remove the document in the following procedure.

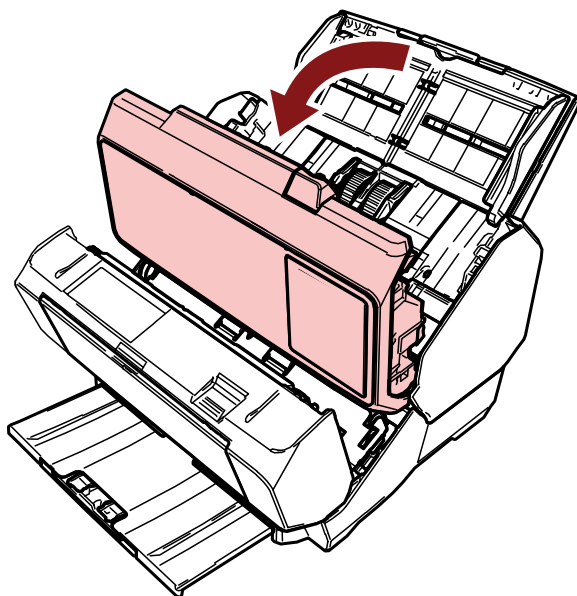
ATTENTION

Do not use force to pull out jammed documents, and be sure to open the print section first, before opening the ADF.

- 1 Remove all documents from the ADF paper chute (feeder).
- 2 Open the print section (imprinter cover).

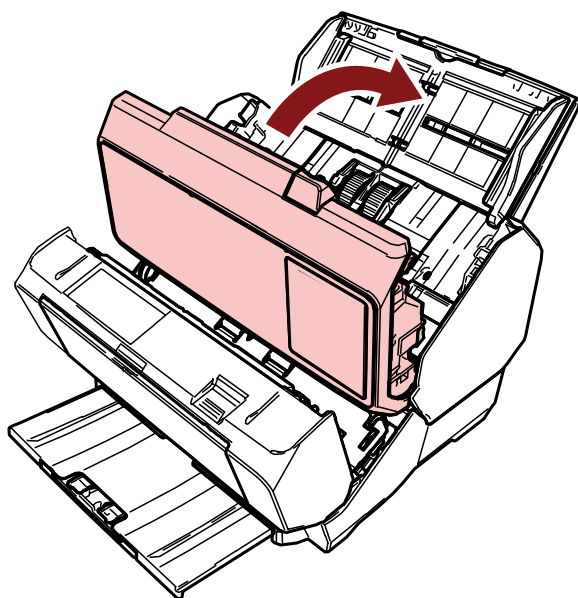


- 3 Open the ADF.

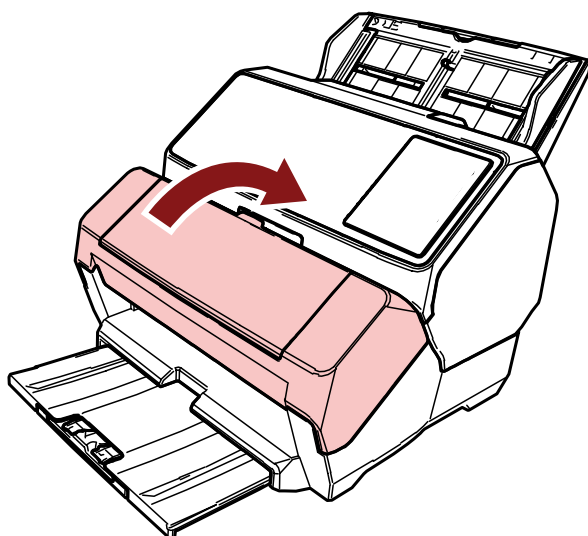


- 4 Remove the jammed document.

5 Close the ADF.



6 Make sure that the ADF is closed properly and then close the print section (imprinter cover).



ATTENTION

Be careful not to get your fingers caught.

Daily Care

Cleaning the Print Cartridge

Ink may get on the nozzle plate of the print cartridge.

If the imprinter has not been used for a long time, a clogged nozzle may cause low quality prints.

If your imprinter has these types of trouble, clean the nozzle plate of the print cartridge.

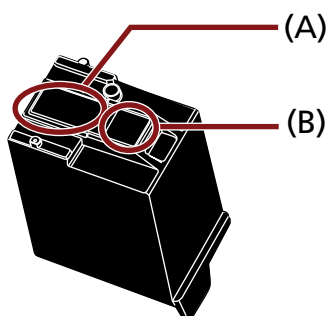
ATTENTION

For cleaning, use a dry lint-free cloth, and gently wipe off the excess ink from the nozzle plate. (Do not use a tissue.)

HINT

If the nozzle is still clogged after cleaning the print cartridge, replace it with a new cartridge.

- 1 Turn off the scanner.
- 2 Remove the print cartridge.
(Refer to steps 2 to 4 in [Replacing the Print Cartridge \(page 29\)](#).)
- 3 Wipe off the excess ink on the nozzle plate (B) gently.



ATTENTION

Be careful not to touch the print head of the print cartridge (the contact part (A) and the nozzle plate (B)) with your hands. Printing may be out of order.

- 4 Make sure that the excess ink is removed and then reinstall the print cartridge.
(Refer to steps 7 to 10 in [Installing the Print Cartridge \(page 16\)](#).)

ATTENTION

When installing the print cartridge, make sure that you install it in the correct orientation.

Cleaning the Imprinter

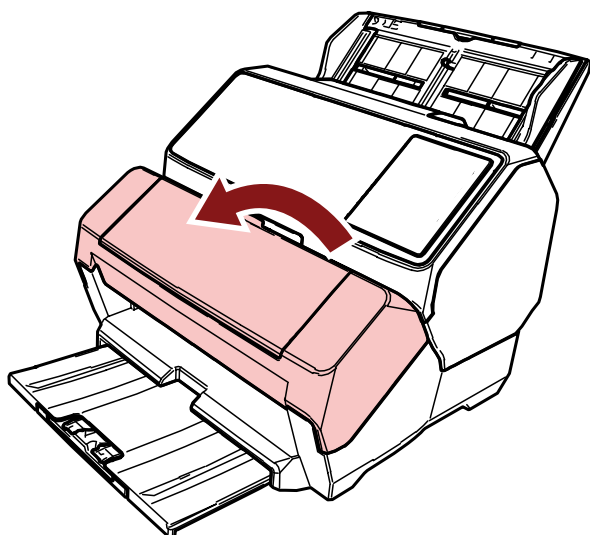
While you use the imprinter frequently, ink sticks to the print cartridge holder base which makes the paper dirty.

As a part of daily maintenance, clean the print cartridge holder base by following the procedure below.

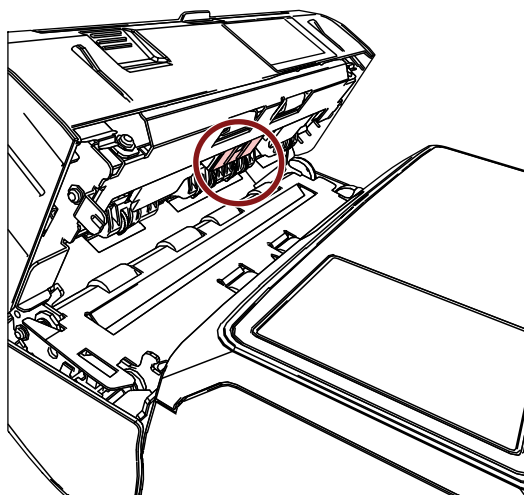
ATTENTION

When cleaning, use an absorbent cloth or a waste cloth, and gently wipe off the ink on the base. If the ink is dried, gently wipe it with a moistened cloth. (Since the ink is water soluble, it can be cleaned with water.)

- 1 Turn off the scanner.
- 2 Remove the print cartridge.
(Refer to steps 2 to 4 in [Replacing the Print Cartridge \(page 29\)](#).)
- 3 Open the print section (imprinter cover).

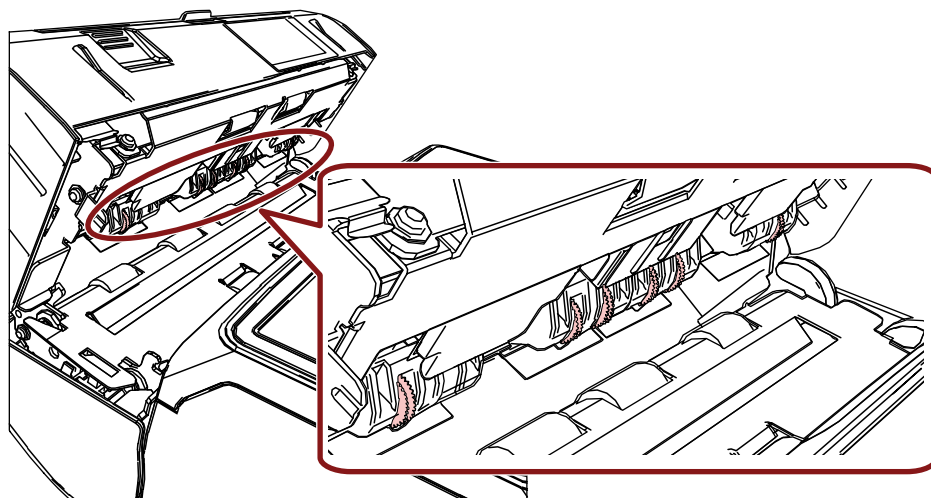


- 4 Dab the surface of the base of the print cartridge with a cloth or waste cloth to remove the ink.

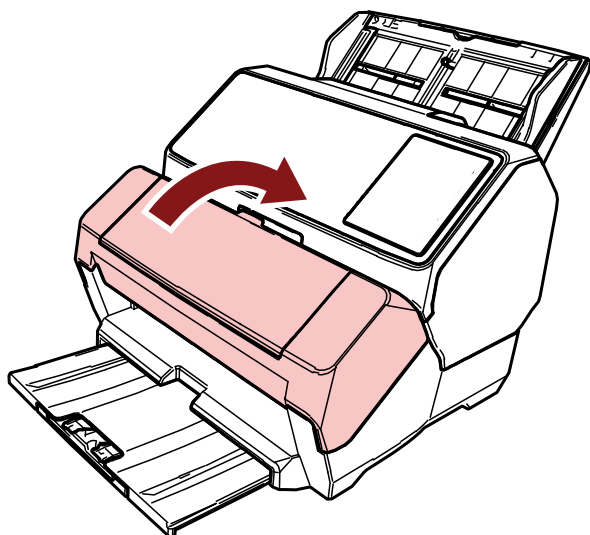


ATTENTION

When cleaning, be careful not to touch the metal wheels located at the print section (imprinter cover).



- 5** Confirm that the ink is removed and then close the print section (imprinter cover).



- 6** Reinstall the print cartridge.
(Refer to steps 7 to 10 in [Installing the Print Cartridge \(page 16\)](#).)

Cleaning the Rollers

When ink or paper dust is stuck on the imprinter feed roller surfaces, documents may not feed smoothly.

To prevent feed problems, clean the roller surfaces regularly.

ATTENTION

It may take a long time to dry if an excessive amount of Cleaner F1 is used.

Use it in small quantity.

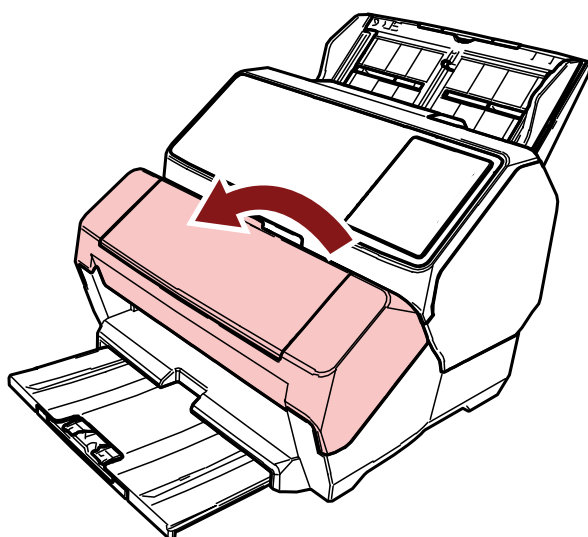
Wipe off the cleaner completely to leave no residue on the cleaned parts.

HINT

The recommended cleaning cycle is every 5,000 sheets.

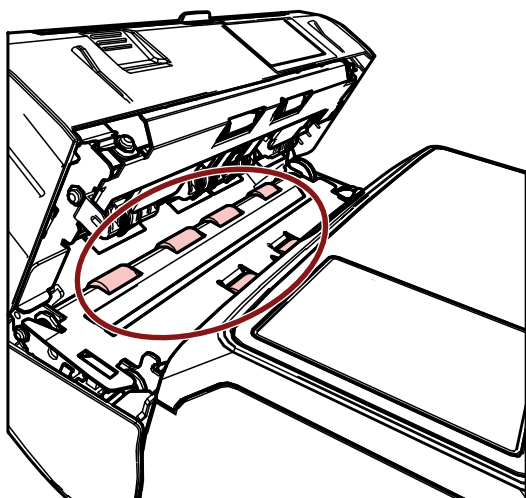
The actual cleaning cycle may be shorter depending on how often the imprinter is used and the documents.

- 1 Open the print section (imprinter cover).



- 2 Clean the rubber rollers.

Clean the rubber rollers (six in total) under the feeding section.

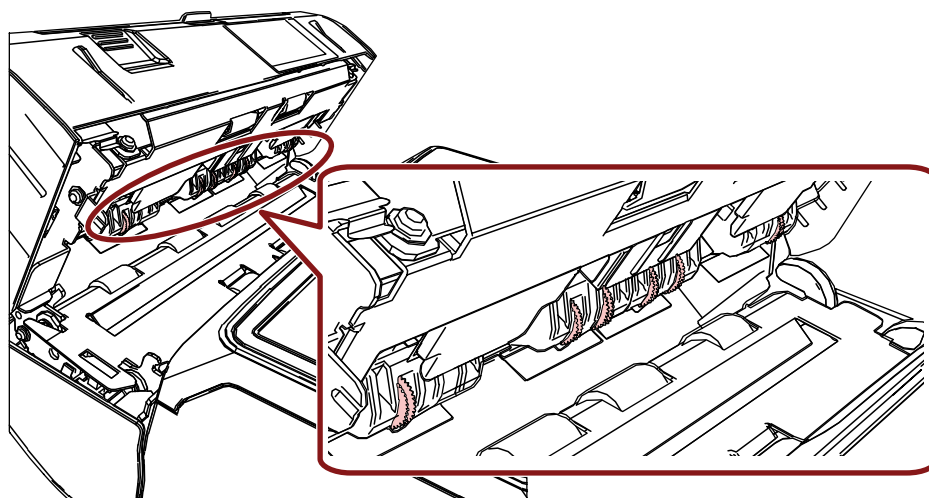


Gently wipe the dirt and dust off the surface of the rollers with a cloth moistened with Cleaner F1.

Clean the entire surface of the rubber rollers as you rotate them manually.

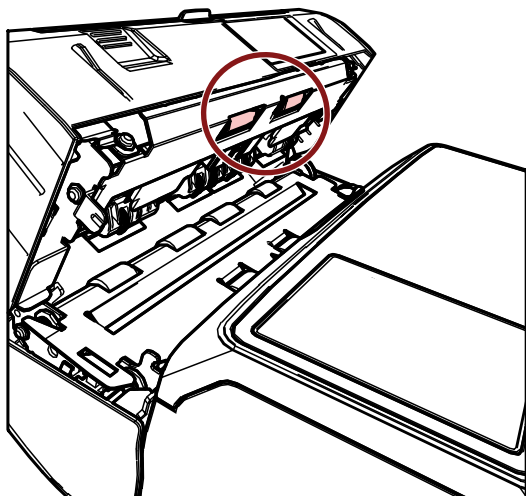
ATTENTION

When cleaning, be careful not to touch the metal wheels located at the print section (imprinter cover).



3 Clean the plastic rollers.

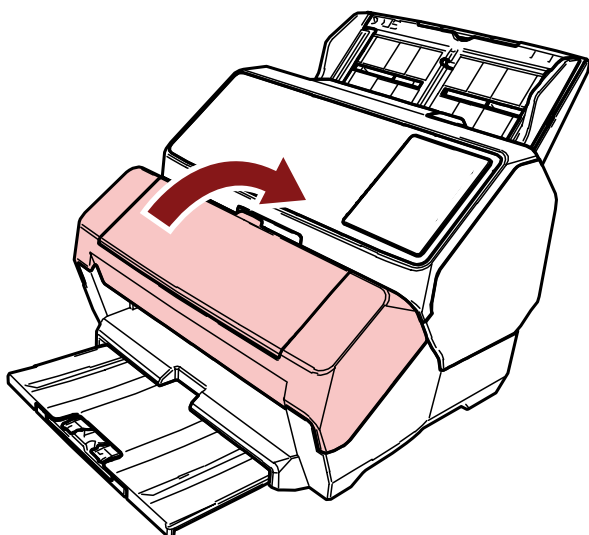
Clean the two plastic rollers (black) at the print section (imprinter cover).



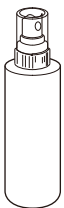

Gently wipe the dirt and dust off the surface of the rollers with a cloth moistened with Cleaner F1.

Clean the entire surface of the plastic rollers as you rotate them manually.

- 4** Confirm that the ink is removed and then close the print section (imprinter cover).



Cleaning Materials

Part Name	Part No.	Notes
Cleaner F1 	PA03950-0352	Volume: 100 ml
Cleaning Wipe 	PA03950-0419	24 packets (*1)

***1:**Pre-moistened with Cleaner F1.

It can be used instead of moistening a cloth with Cleaner F1.

ATTENTION

In order to use the cleaning materials safely and correctly, read the precautions on each product thoroughly.

For more information about the cleaning materials, contact the distributor/dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.

Error Messages

This section explains the imprinter error messages.

Error messages are displayed on the operator panel of the scanner. Refer to the error codes and the error messages for troubleshooting.

For fi-8190/fi-8170, an error code, error details, and a solution for the problem are displayed on the LCD.

For fi-8150/fi-8150U, an alphabetical character and a number for the error code are displayed alternately on the Function Number Display.

ATTENTION

For details about the error messages other than the ones shown below, refer to the Operator's Guide for your scanner.

Error Code (LCD)	Error Code (Function Number Display)	Error Description	Action
J1:5A	J1	Paper jam	<p>Paper is jammed in the imprinter. Take the following measures.</p> <ul style="list-style-type: none">• Remove the jammed document from the imprinter. For more details, refer to Removing Jammed Documents (page 32).• Make sure that the document satisfies the requirements for documents that can be fed into the imprinter. For more details, refer to Specifications (page 45).• Clean the rollers. For details about cleaning, refer to Cleaning the Rollers (page 37).
U5:4A (*1)	U5 (*1)	Imprinter cover open	<p>The print section (imprinter cover) was opened during scanning. Remove the document from the ADF, and close the print section (imprinter cover). Confirm that the print section (imprinter cover) is closed properly.</p>

Error Code (LCD)	Error Code (Function Number Display)	Error Description	Action
			To check whether or not it is closed completely, open the print section (imprinter cover) and then close it again. For details about opening and closing the print section (imprinter cover), refer to Removing Jammed Documents (page 32) .
U6:B4	U6	Print cartridge not installed	The print cartridge is not installed in the imprinter correctly. Check if the print cartridge is installed correctly. For details about the installation, refer to Installing the Print Cartridge (page 16) . If the problem still persists, write down the error code and contact the distributor/ dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.
U7:B9	U7	Imprinting area error	An error occurred with the print start position in the imprinter. Adjust the print start position and character string for printing so that the print area is inside the document. For details about the adjustment, refer to Setting the Position in Which to Print (page 24) .
A1:B3	A1	Imprinter error (communication timeout)	An error occurred in the imprinter. Take the following measures. • Check if the print cartridge is installed correctly. For details about the installation, refer to Installing the Print Cartridge (page 16) .
A2:B5	A2	Imprinter error (print head)	
A3:B6	A3	Imprinter error (EEPROM)	
A4:B8	A4	Imprinter error (ROM)	

Error Code (LCD)	Error Code (Function Number Display)	Error Description	Action
			<ul style="list-style-type: none"> • Reconnect the EXT cable. • Turn the scanner off then back on. <p>If the problem still persists, write down the error code and contact the distributor/ dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.</p>
H6:B1	H6	Imprinter system error	<p>An imprinter circuit error occurred.</p> <p>Turn the scanner off then back on.</p> <p>If the problem still persists, write down the error code and contact the distributor/ dealer where you purchased this product. Refer to the contact information in the Contact List if supplied with this product, or refer to the contact information in the Contact for Inquiries section if provided in Safety Precautions supplied with this product, and then make an inquiry.</p>

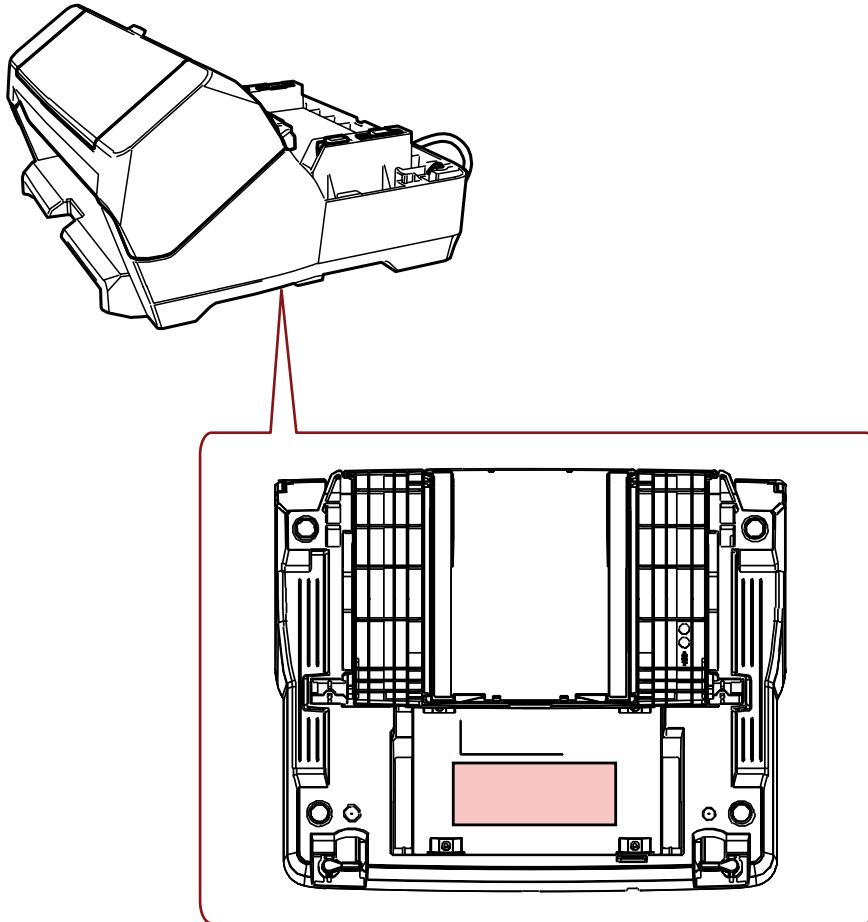
***1:**If you open the print section (imprinter cover) while the scanner is in standby, the following is displayed on the operator panel.

- For fi-8190/fi-8170
Only an error message appears on the LCD without an error code
- For fi-8150/fi-8150U
"c" which is displayed on the Function Number Display and the LED indicator flashes alternately.

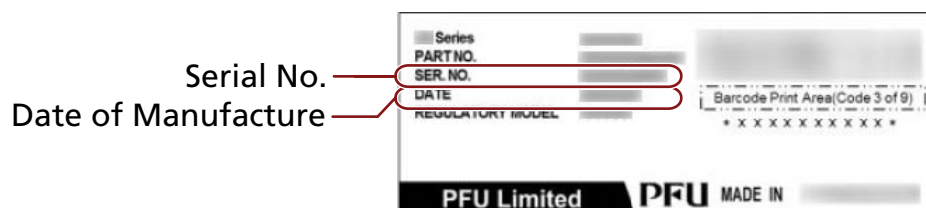
Checking the Product Label

This section explains about the product label on the scanner.

The label is located under the base.

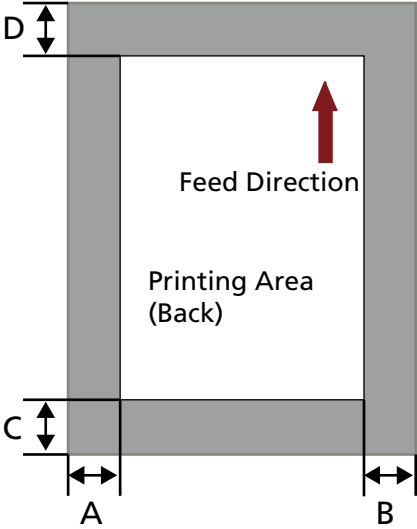


Label (example): Shows the imprinter information.



Specifications

Item	Specification
Printing method	Thermal inkjet printing
Printing type	Post-imprinter (printing after image scanning)
Printing characters	Alphabet: A to Z, a to z Numeric characters: 0, 1 to 9 Symbols: ! " # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~
Maximum number of characters per line	Up to 43 characters
Printing direction	Regular, Bold: 0°, 180° (horizontal), 90°, 270° (vertical) Narrow: 0°, 180° (horizontal)
Character size	Regular, Bold: 2.91 (H) × 2.82 (W) mm (horizontal) 2.82 (H) × 2.91 (W) mm (vertical) Narrow: 2.91 (H) × 2.12 (W) mm (horizontal)
Character pitch	Regular, Bold: 3.53 mm Narrow: 2.54 mm
Font style	Regular, Bold
Character width	Normal, Bold, Narrow
Documents for printing	<p>Documents that can be scanned with the scanner For details, refer to the Operator's Guide for your scanner. Note that the paper size and weight are as follows:</p> <ul style="list-style-type: none"> • Minimum size (width × length) 50.8 × 54 mm/2.00 × 2.13 in. • Maximum size (width × length) 210 × 297 mm/8.3 × 11.7 in. (A4 portrait) or 215.9 × 355.6 mm/8.5 × 14 in. (Legal portrait) For long page documents, a maximum size of 6,096 mm (240 in.) can be scanned, but printing can be performed for only up to 863.6 mm (34 in.). • Paper weight 52 to 128g/m² (14 to 34 lb) <div style="border: 2px solid red; padding: 5px;"> <p>ATTENTION</p> <ul style="list-style-type: none"> • The following types of documents must not be scanned: </div>

Item	Specification
	<p>An imprinting error occurs because ink does not easily dry on or pass through documents.</p> <p>In addition, ink makes the inside of the imprinter dirty, so the cleaning cycle will be shortened.</p> <ul style="list-style-type: none"> - Documents with glossy surface such as thermal paper, thermal transfer paper, coated paper, and art paper • The following types of documents must not be scanned because they cannot be fed: <ul style="list-style-type: none"> - The Carrier Sheet/Photo Carrier Sheet/Booklet Carrier Sheet or an OHP sheet - Thick plastic documents such as credit cards - Documents folded in half - Multi-layered documents such as transfer paper - Envelopes - Passports/passbooks
Printing area	 <p>A = 5 mm B = 5 mm C = 5 mm D = 5 mm</p> <div style="border: 1px solid red; padding: 5px; margin-top: 10px;"> <p>ATTENTION</p> <p>Do not print within 5 mm from the edge of the document.</p> </div>
Accuracy of the position in which to print	Feed direction: ±4 mm (from the start position)

Item	Specification
Dimension	<p>Without the scanner: 300 (W) × 245 (D) × 151 (H) mm/11.81 (W) × 9.65 (D) × 5.94 (H) in.</p> <p>With the scanner 300 (W) × 255 (D) × 225 (H) mm/11.81 (W) × 10.04 (D) × 8.86 (H) in.</p> <p>The depth indicates the size of the scanner without the EXT cable, the ADF paper chute (feeder), and the stacker. The height indicates the size of the scanner without protrusions.</p>
Weight	2.9 kg/6.39 lb
Ambient condition	<p>Temperature: 10 to 35°C/50 to 95 °F</p> <p>Humidity: 15 to 80%</p>
Consumables	<p>PRINT CARTRIDGE (Part No. CA00050-0262)</p> <p>The number of printable characters:</p> <p>4,000,000 characters (The printable number of characters differs depending on the characters to be printed.)</p> <p>Suggested replacement cycle:</p> <p>4,000,000 characters or half a year from the time the package is opened (A print cartridge has a specific expiration date, and the expiration period differs whether the package is opened or not. Start using the print cartridge before the expiration date that is written on the package.)</p>