

fi-680PRF/PRB Imprinter

Operator's Guide

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Introduction

Thank you for purchasing the fi-680PRF (Front-Side Imprinter) / fi-680PRB (Back-Side Imprinter).

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.

About This Product

Using this product allows character strings such as alphanumeric characters to be printed on documents that have been scanned.

This product can be installed on the following models:

- fi-6400/fi-6800
- fi-7800/fi-7900

Where there is no distinction between the above models, the general term "scanner" is used.

This manual describes the following two Imprinters.

| Product Name | Model | Device Name | Collective Name |
|--------------|-----------|----------------------|-----------------|
| fi-680PRF | FI-680PRF | Front-Side Imprinter | Imprinter |
| fi-680PRB | FI-680PRB | Back-Side Imprinter | |

About This Manual

This manual describes how to use the Imprinter. Read this manual to ensure correct use.

For scanner operations, refer to the Operator's Guide in the Setup DVD-ROM provided with the scanner that is used.

We hope this manual will be helpful in your future use of the Imprinter.

Trademarks

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

Manufacturer

PFU Limited



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Conventions

Symbols Used in This Manual

In this manual, the following symbols are used to describe operations as well as indicate warnings.

| | |
|---|---|
|  | This symbol alerts operators to particularly important information. Be sure to read this information. |
|  | This symbol alerts operators to helpful advice regarding operations. |

Abbreviations Used in This Manual

The following abbreviated terms used in this manual are described.

| Operating System | Indication | |
|---|---------------------|--------------|
| Windows® XP Professional (Service Pack 2 or later) Windows® XP Professional x64 Edition Windows® XP Home Edition (Service Pack 2 or later) | Windows XP | Windows (*1) |
| Windows Server® 2003, Standard Edition Windows Server® 2003, Standard x64 Edition Windows Server® 2003 R2, Standard Edition Windows Server® 2003 R2, Standard x64 Edition | Windows Server 2003 | |
| Windows Vista® Home Basic (32/64-bit) Windows Vista® Home Premium (32/64-bit) Windows Vista® Business (32/64-bit) Windows Vista® Enterprise (32/64-bit) Windows Vista® Ultimate (32/64-bit) | Windows Vista | |
| 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 | |

| Operating System | Indication | |
|--|-----------------------|--------------|
| Windows® 8 (32/64-bit) Windows® 8 Pro (32/64-bit) Windows® 8 Enterprise (32/64-bit) | Windows 8 | Windows (*1) |
| Windows Server® 2008 Standard (32/64-bit) Windows Server® 2008 R2 Standard (64-bit) | Windows Server 2008 | |
| Windows Server® 2012 Standard (64-bit) Windows Server® 2012 R2 Standard (64-bit) | Windows Server 2012 | |
| Windows® 8.1 (32/64-bit) Windows® 8.1 Pro (32/64-bit) Windows® 8.1 Enterprise (32/64-bit) | Windows 8.1 | |
| Windows® 10 Home (32/64-bit) Windows® 10 Pro (32/64-bit) Windows® 10 Enterprise (32/64-bit) Windows® 10 Education (32/64-bit) | Windows 10 | |
| Windows Server® 2016 Standard (64-bit) | Windows Server 2016 | |
| Windows Server® 2019 Standard (64-bit) | Windows Server 2019 | |
| PaperStream IP (TWAIN) PaperStream IP (TWAIN x64) PaperStream IP (ISIS) Bundle | PaperStream IP driver | |

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

Description of Successive Operations

In the procedures described in this manual, successive operations are connected with → in between.

Example: Click the [Scan] menu → [Scan settings].

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 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 you are using.

The screen examples used in this manual are of Windows 7. 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 this case, refer to the manual provided with the updated driver.

Chapter 1 Preparations

This chapter describes the features, part names and functions of the Imprinter.

1.1 Features

With the Imprinter installed in the scanner, you can print an alphanumerical string on a document scanned with the ADF.

This feature helps you to organize the scanned document with a name, date, or a serial number printed on it. The Front-Side Imprinter prints a character string on the front of a document, and the Back-Side Imprinter on the back.



A Front-Side Imprinter and a Back-Side Imprinter can be installed in the scanner at the same time. However, you cannot print with both Imprinters simultaneously. Specify either Imprinter, depending on the intended use.

1.2 Parts Names and Functions

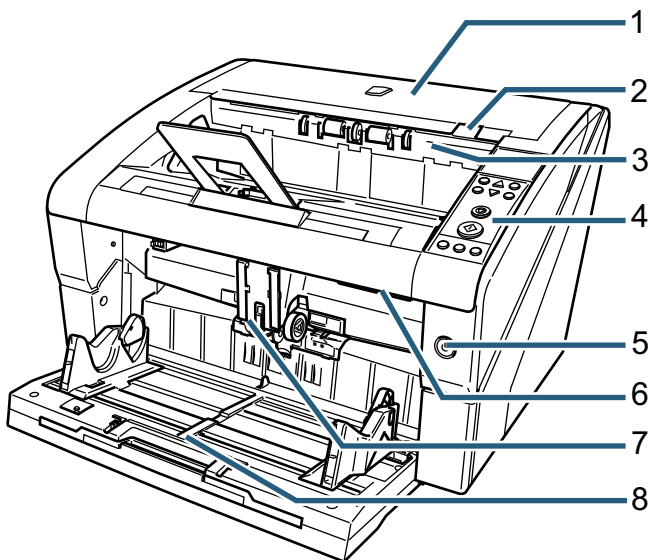
This section describes the names and functions of Imprinter parts.



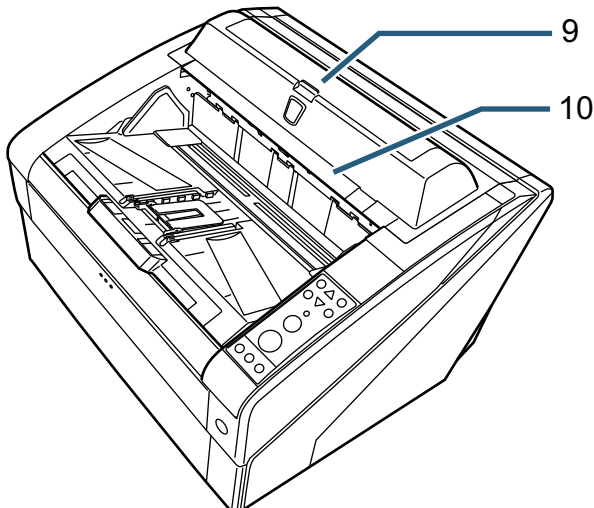
For the names and functions of scanner parts, refer to the Operator's Guide for the scanner that is used.

External View

When the Front-Side Imprinter is installed

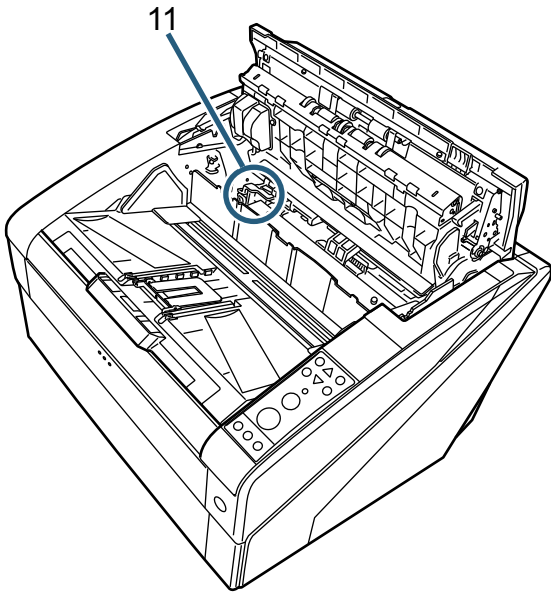


When the Back-Side Imprinter is installed



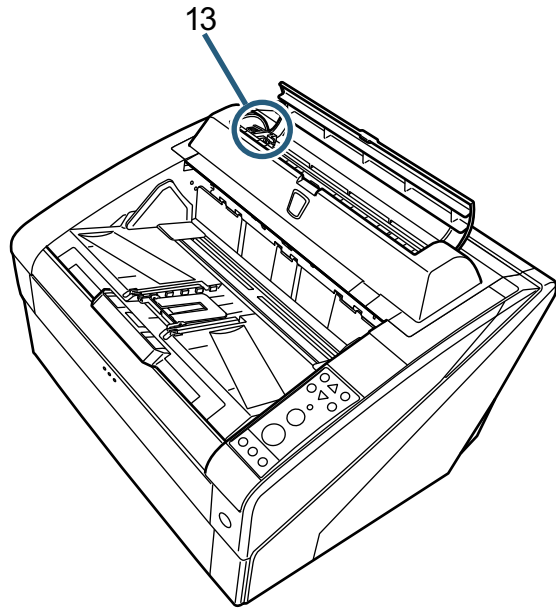
- 1 **Top Cover**
This is a cover above the paper output. Open the top cover when you remove a paper jam, clean inside the ADF, or replace a print cartridge.
- 2 **Top Cover Release Tab**
Push up the release tab to open the top cover.
- 3 **Output Feeder Unit**
Open the unit when you replace a print cartridge in the Front-Side Imprinter, or adjust the print start position.
- 4 **Operator Panel**
The operator panel consists of the LCD (Liquid Crystal Display), operation buttons, and an LED. With the operator panel, you operate the scanner or check the scanner status.
- 5 **Power Button**
Use the power button to turn the scanner on or off.
- 6 **ADF Release Tab**
Push up the release tab to open the ADF.
- 7 **ADF**
The ADF feeds the document set in the hopper into the scanner sheet by sheet. Open the ADF when you replace consumables or clean inside the scanner.
- 8 **Hopper**
This is a rack into which a document to be scanned is set.
- 9 **Back-Side Imprinter Cover**
Open the cover when you replace a print cartridge in the Back-Side Imprinter, or adjust the print start position.
- 10 **Top Cover (when the Back-Side Imprinter is installed)**
This is a cover above the paper output. Open the top cover when you remove a paper jam, clean inside the ADF, or replace a print cartridge.

■ Under the Output Feeder Unit



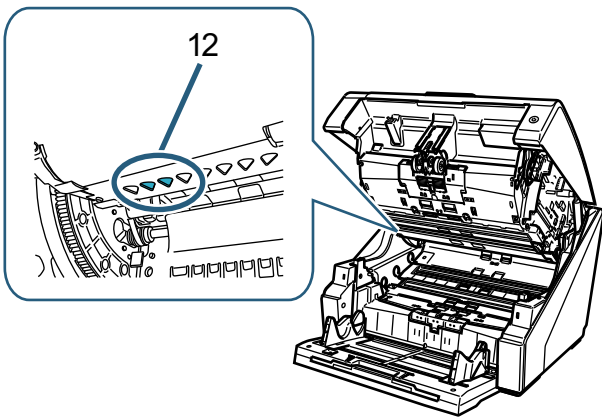
11 Print Cartridge Holder
The print cartridge is set here for the Front-Side Imprinter.

■ Under the Back-Side Imprinter Cover



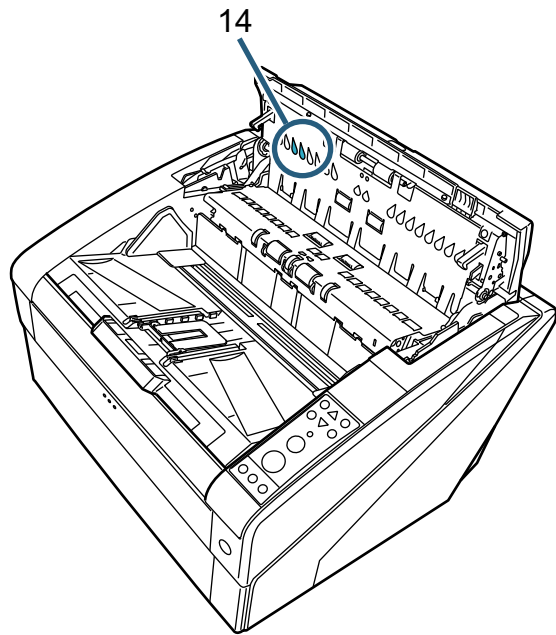
13 Print Cartridge Holder
The print cartridge is set here for the Back-Side Imprinter.

■ Inside the ADF



12 Print Head
This is the print head of the Front-Side Imprinter.

■ Under the Top Cover



14 Print Head
This is the print head of the Back-Side Imprinter.

Chapter 2 Basic Operations

This chapter describes basic operations of the Imprinter.

2.1 Installing the Print Cartridge

Install the print cartridge as follows.

CAUTION

- Before installing the print cartridge, make sure that you turn off the scanner power and unplug the power cable from the outlet. Otherwise, it may cause an electric shock or malfunction.
- Do not use print cartridges other than those specified. Using a non-specified print cartridge may cause malfunction.
- Be careful not to get your fingers caught when installing the print cartridge.



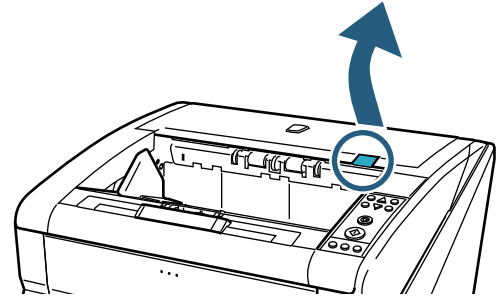
When installing a print cartridge, make sure to install it in the correct direction.



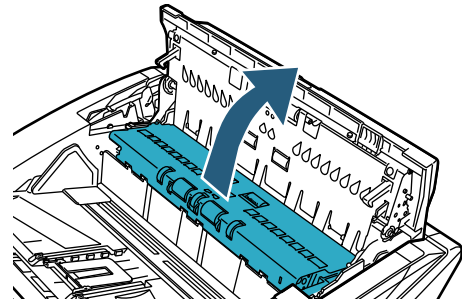
- For how to operate the scanner, refer to the Operator's Guide for the scanner that is used.
- For purchase or inquiries about print cartridges, contact your FUJITSU scanner dealer or an authorized FUJITSU scanner service provider.

■ Front-Side Imprinter

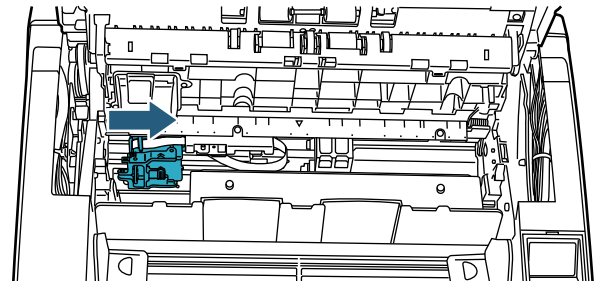
- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Push up the top cover release tab with your fingers to open the top cover.



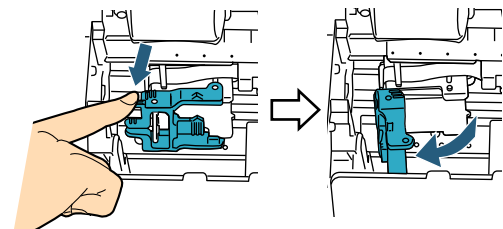
- 3 Lift the output feeder unit.



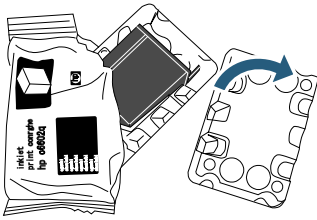
- 4 Move the print cartridge holder to a location where a print cartridge can be installed easily.



- 5 Open the print cartridge holder cover.
 - 1 Press the release tab to release the lock.
 - 2 Open the cover to the left.

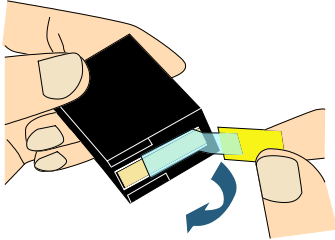


6 Remove the new print cartridge from its pouch.



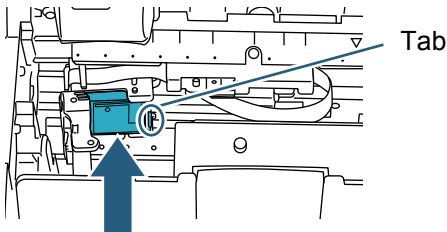
11 Perform a test operation.
(Refer to "2.2 Operating Test" (page 10).)

7 Remove the protection tape.



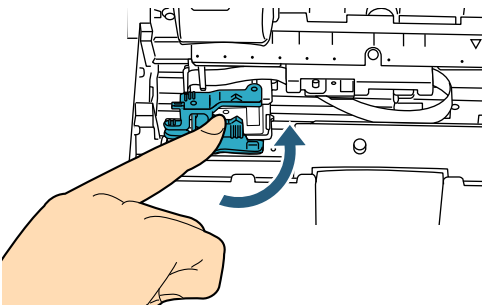
Do not touch the metal part of the cartridge nor put the tape back again.

8 Insert the print cartridge into the print cartridge holder.



- Insert the print cartridge with the tab on the right side.
- Make sure that the print cartridge does not touch or get caught in the flat flex cable.

9 Gently close the print cartridge holder cover on the right side until it is locked, to fix the print cartridge.



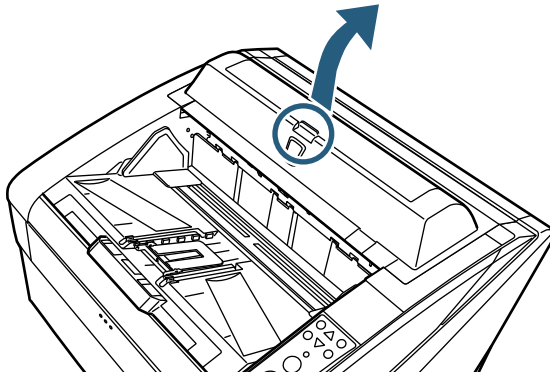
10 Align the top of the print position pointer with the print position mark where printing should be performed on the document.
(Refer to Step 3 onwards of "Front-Side Imprinter" (page 11) in "2.3 Positioning the Print Cartridge".)



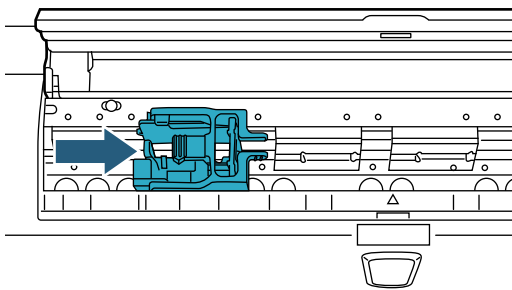
When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.

■ Back-Side Imprinter

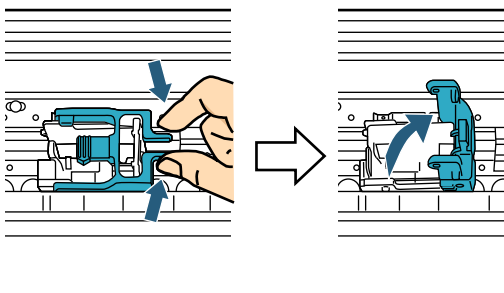
- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Open the Back-Side Imprinter cover by pressing the cover tab.



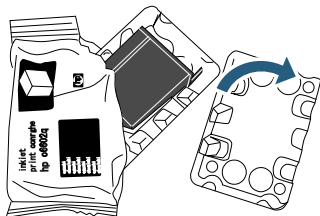
- 3 Move the print cartridge holder to a location where a print cartridge can be installed easily.



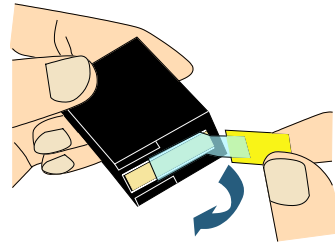
- 4 Open the print cartridge holder cover.
 - 1 Pinch the release tab to release the lock.
 - 2 Open the cover to the right.




- 5 Remove the new print cartridge from its pouch.

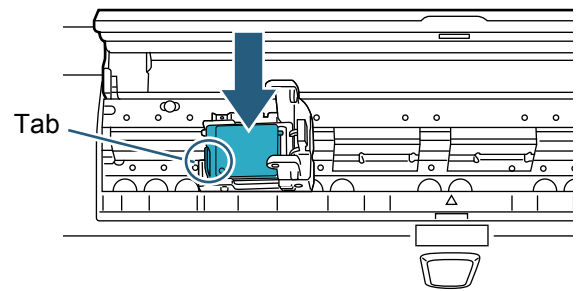



- 6 Remove the protection tape.



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

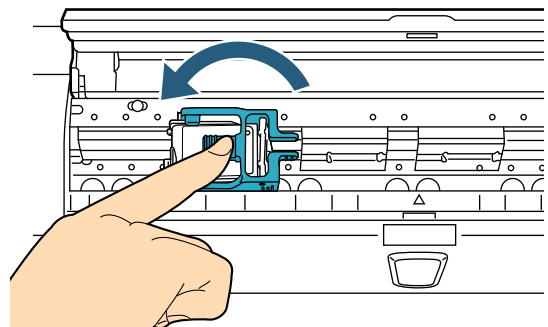
- 7 Insert the print cartridge into the print cartridge holder.






- Insert the print cartridge with the tab on the left side.
- Make sure that the print cartridge does not touch or get caught in the flat flex cable.

- 8 Gently close the print cartridge holder cover on the left side until it is locked, to fix the print cartridge.



- 9 Align the top of the print position pointer with the print position mark where printing should be performed on the document.
(Refer to Step 2 onwards of "Back-Side Imprinter" (page 12) in "2.3 Positioning the Print Cartridge".)

 When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.

- 10 Perform a test operation.
(Refer to "2.2 Operating Test" (page 10).)

2.2 Operating Test

After installing the print cartridge, check whether characters can be printed.



For details on the operator panel, refer to the Operator's Guide for the scanner that is used.

Names for each button on the operator panel vary depending on the language for the operator panel overlay (a sheet on which names for the buttons are printed). English is used as the language of the operator panel overlay for the explanations in this manual.

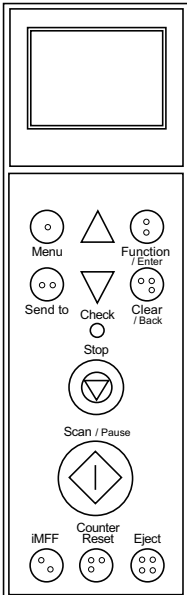
1 Press the power button on the scanner front.
⇒ The [Ready] screen is shown on the LCD.

2 Place a test sheet on the hopper.



- 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 paper width.

3 Press the [Menu] button.



⇒ The [Main Menu] screen is shown on the LCD.

4 Select [22: Test Print] by pressing the [△] or [▽] button, and press the [Function/Enter] button.

⇒ The [No. of Sheets Scanned] screen is shown on the LCD.



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 Select [1: Single Sheet Only] or [2: Multiple Sheets] by pressing the [△] or [▽] button, and press the [Function/Enter] button.

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

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



When only either the Front-Side Imprinter or Back-Side Imprinter is installed in the scanner, the [Print Pattern] screen is shown on the LCD. Go to Step 7.

6 Select the Imprinter to be used by pressing the [△] or [▽] button, and press the [Function/Enter] button.

Select [1: Front Side] for the Front-Side Imprinter, or [2: Back Side] for the Back-Side Imprinter.

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

7 Select a print pattern by pressing the [△] or [▽] button, and press the [Function/Enter] button.

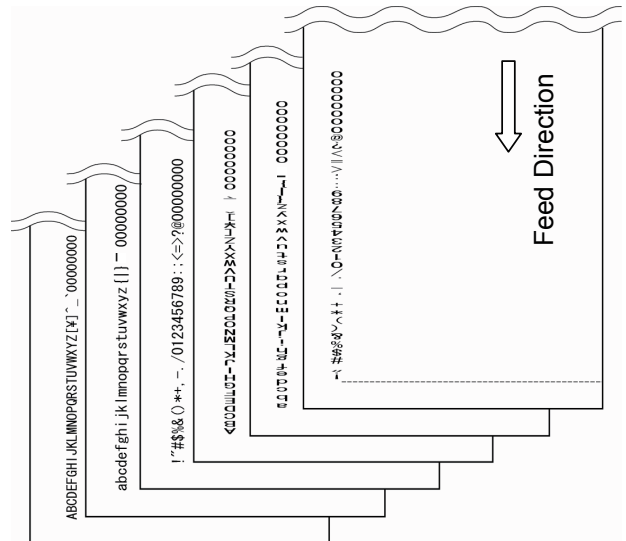


The following print patterns are available for vertical and horizontal orientation.

- 1:(L)ABCDEFGHIJKLMNPOQRSTUVWXYZ[{}^_`00000000
- 2:(L)abcdefghijklmnopqrstuvwxyz{|}~ 00000000
- 3:(L)!"#\$%&'()*+,-./0123456789:;<=>?@00000000
- 4:(P)ABCDEFGHIJKLMNPOQRSTUVWXYZ[{}^_`00000000
- 5:(P)abcdefghijklmnopqrstuvwxyz{|}~ 00000000
- 6:(P)!"#\$%&'()*+,-./0123456789:;<=>?@00000000

When multiple sheets are set in the hopper, printing is performed for all the sheets.

The section "00000000" begins with 0, and increases in increments of 1.



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

8 Select whether to run a test print by pressing the [△] or [▽] button, and press the [Function/Enter] button.

⇒ The test sheet is fed into the ADF, and the Imprinter prints out the Print Test Characters starting at 5 mm (±4 mm) from the paper's edge.

2.3 Positioning the Print Cartridge

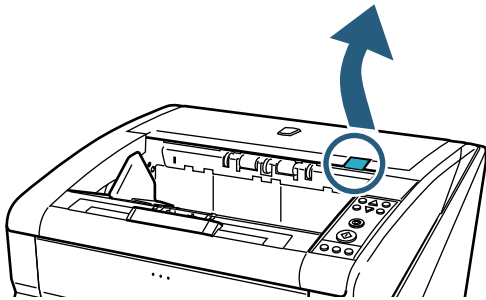
Position the print cartridge for printing as follows.



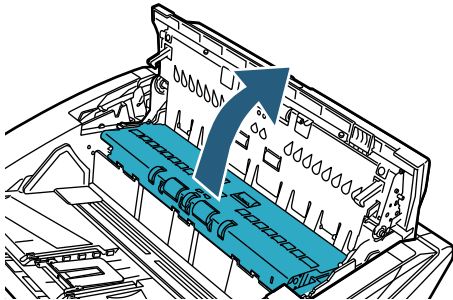
Make sure to align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.

■ Front-Side Imprinter

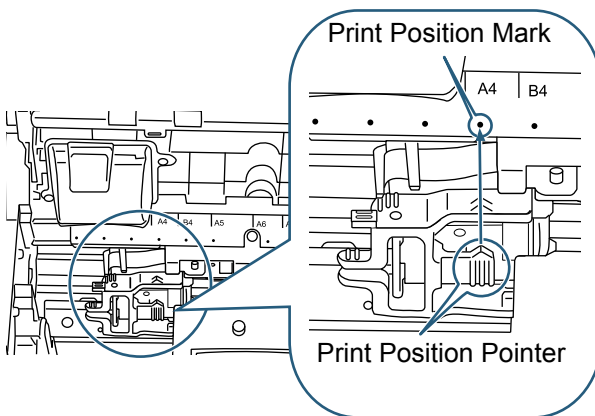
- 1 Push up the top cover release tab with your fingers to open the top cover.



- 2 Lift the output feeder unit.



- 3 Align the print position pointer with the print position mark where printing should be started.



- The location of the print position pointer on the cartridge holder corresponds to that of the print head. It can be used as an indicator of a print position.
- There is a scale for the paper size above the print cartridge. It can be used as an indicator of paper width.

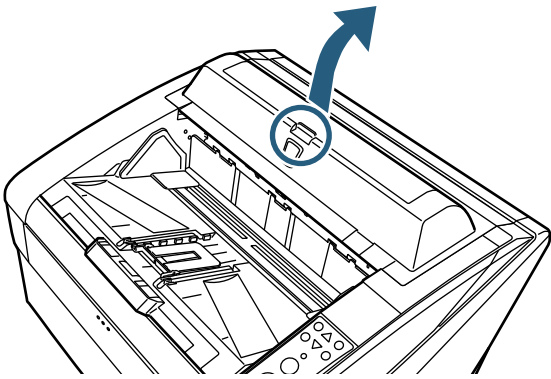
- 4 Close the output feeder unit and then the top cover.



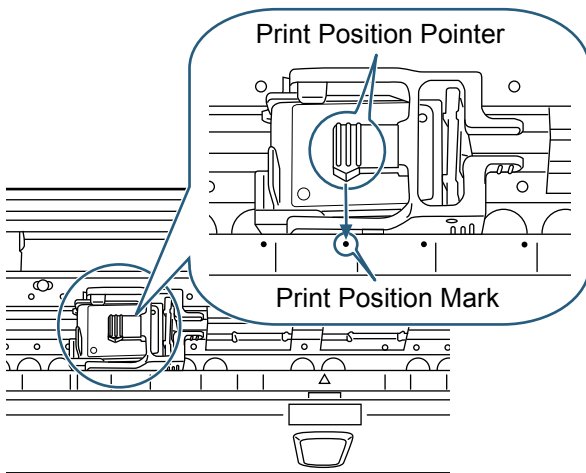
- When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.
- Place the document in the stacker, and make sure that the print cartridge is positioned within the width of the document.

■ Back-Side Imprinter

- 1 Open the Back-Side Imprinter cover by pressing the cover tab.



- 2 Align the top of the print position pointer with the print position mark where printing should be performed on the document.



2.4 Print Setup

You can configure the print setup for the Imprinter on the scanner driver setup dialog box.



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



The following settings are available. For details, refer to the PaperStream IP driver Help.

- Enabling or disabling the imprinter
- Syncing or unsyncing with the digital endorser
- Printing settings (such as the font type, print direction, position to start printing a character string, counter initial value and step, and string to print)



- When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.
- Place the document in the stacker, and make sure that the print cartridge is positioned within the width of the document.



- The location of the print position pointer on the cartridge holder corresponds to that of the print head. It can be used as an indicator of a print position.
- There is a scale for the paper size below the print cartridge. It can be used as an indicator of paper width.

- 3 Close the cover of the Back-Side Imprinter.

2.5 Replacing the Print Cartridge

Replace the print cartridge as follows.

CAUTION

- Before replacing the print cartridge, make sure that you turn off the scanner power and unplug the power cable from the outlet. Otherwise, it may cause electric shock or malfunction.
- Do not use print cartridges other than those specified. Using a non-specified print cartridge may cause malfunction.
- Be careful not to get your fingers caught when replacing the print cartridge.



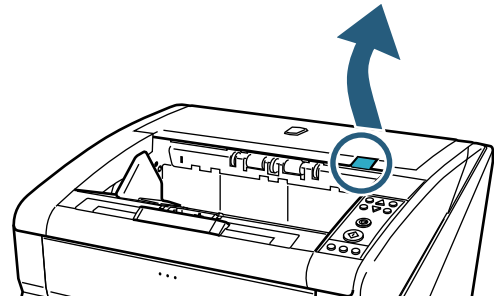
- If a message appears to notify that remaining ink amount is small, replace the print cartridge immediately. If you continue to print without replacing the cartridge, your print output continues to appear lighter and lighter.
- When installing a print cartridge, make sure to install it in the correct orientation.



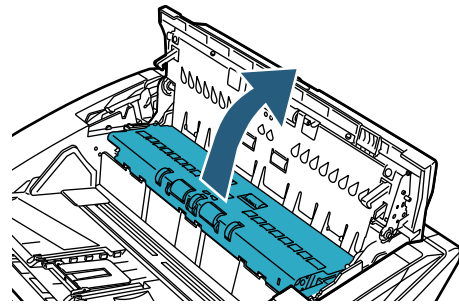
- For how to operate the scanner, refer to the Operator's Guide for the scanner that is used.
- For inquiries on or purchase of print cartridges, contact your FUJITSU scanner dealer or an authorized FUJITSU scanner service provider.

Front-Side Imprinter

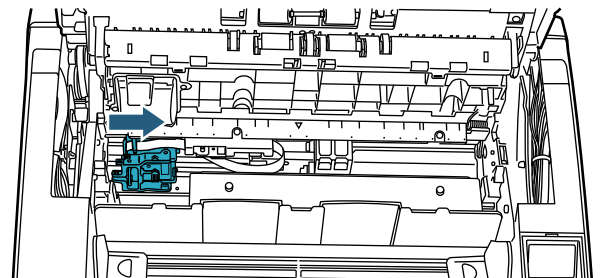
- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Push up the top cover release tab with your fingers to open the top cover.



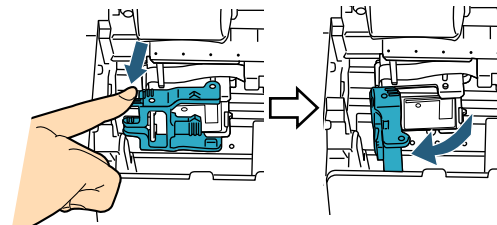
- 3 Lift the output feeder unit.



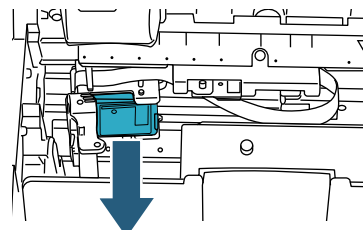
- 4 Move the print cartridge holder to a location where a print cartridge can be installed easily.



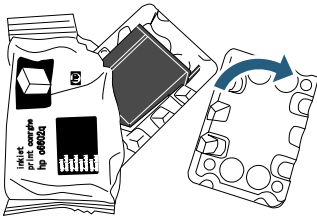
- 5 Open the print cartridge holder cover.
 - 1 Press the release tab to release the lock.
 - 2 Open the cover to the left.



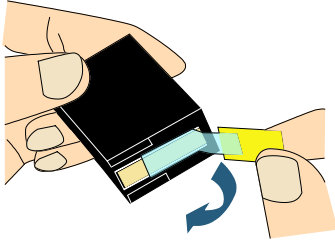
- 6 Remove the print cartridge.



- 7 Remove the new print cartridge from its pouch.

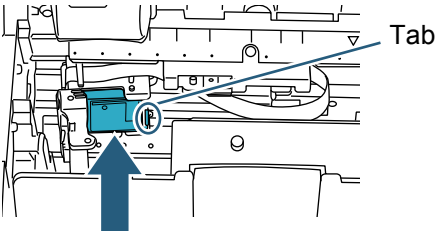


- 8 Remove the protection tape.



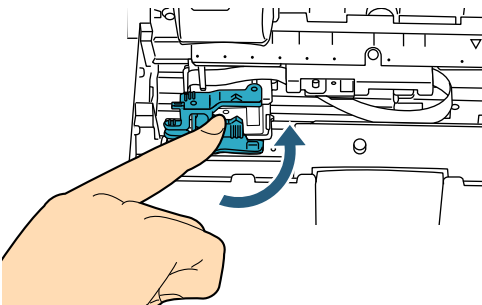
Do not touch the metal part of the cartridge nor put the tape back again.

- 9 Insert the new print cartridge into the print cartridge holder.



- Insert the print cartridge with the tab on the right side.
- Make sure that the print cartridge does not touch or get caught in the flat flex cable.

- 10 Gently close the print cartridge holder cover on the right side until it is locked, to fix the print cartridge.



- 11 Align the top of the print position pointer with the print position mark where printing should be performed on the document.
(Refer to Step 3 onwards of "Front-Side Imprinter" (page 11) in "2.3 Positioning the Print Cartridge".)



When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.

- 12 Close the output feeder unit and then the top cover.

- 13 Turn on the scanner.

- 14 Reset the ink level counter as follows.

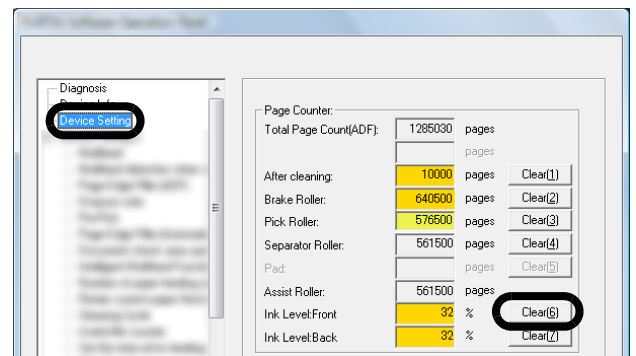


You must reset the ink level counter whenever you replace the print cartridge.



The ink level counter can be reset from the operator panel. For details, refer to the Operator's Guide for the scanner that is used.

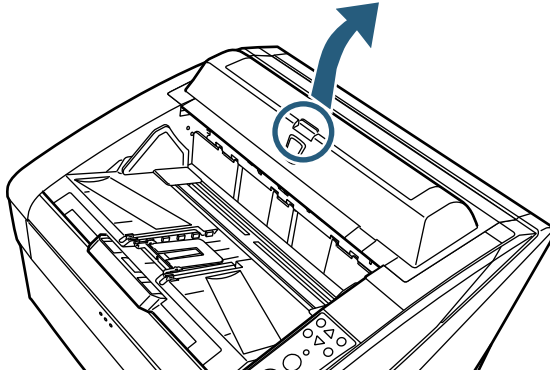
- 1 Display the [Software Operation Panel] dialog box.
Windows Server 2008/Windows 7 or earlier
Click [Start] menu → [All Programs] → [fi Series] → [Software Operation Panel].
Windows Server 2012/Windows 8
Right-click the Start screen, and select [All apps] on the app bar → [Software Operation Panel] 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.
Windows 10/Windows Server 2016/Windows Server 2019
Click [Start] menu → [fi Series] → [Software Operation Panel].
- 2 Click [Device Setting] from left side list in the window.



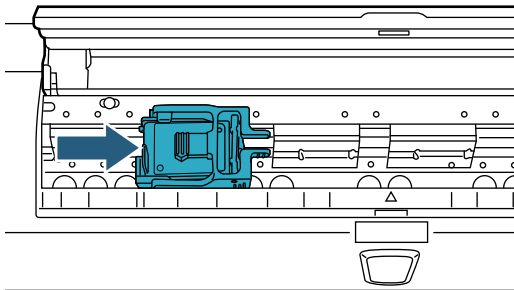
- 3 Click the [Clear] button for [Ink Level: Front].
⇒The value of the [Ink Level: Front] counter is set to 100.
- 4 Click the [OK] button on the [Software Operation Panel] window.

■ Back-Side Imprinter

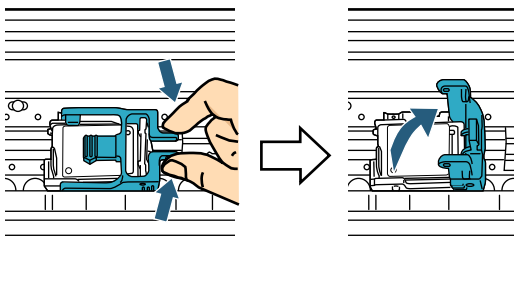
- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Open the Back-Side Imprinter cover by pressing the cover tab.



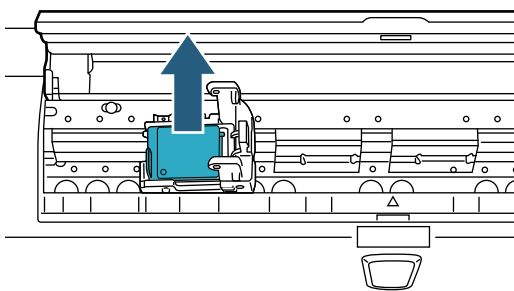
- 3 Move the print cartridge holder to where a print cartridge can be installed easily.



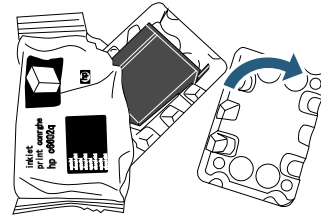
- 4 Open the print cartridge holder cover.
 - 1 Pinch the release tab to release the lock.
 - 2 Open the cover to the right.



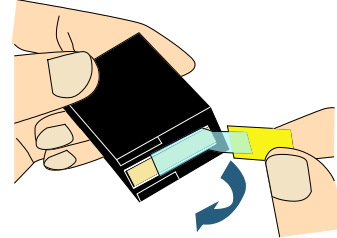
- 5 Remove the print cartridge.



- 6 Remove the new print cartridge from its pouch.

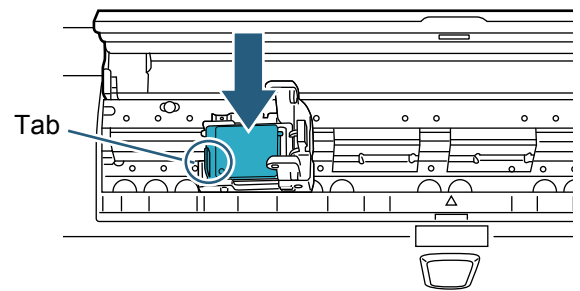


- 7 Remove the protection tape.



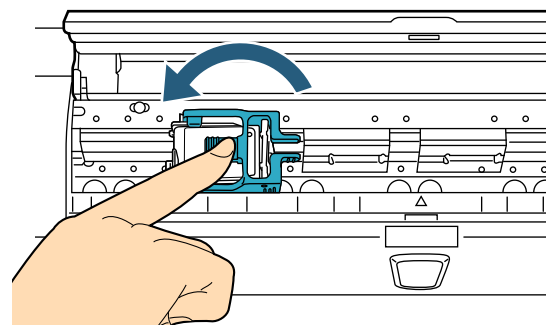
Do not touch the metal part of the cartridge nor put the tape back again.

- 8 Insert the new print cartridge into the print cartridge holder.



- Insert the print cartridge with the tab on the left side.
- Make sure that the print cartridge does not touch or get caught in the flat flex cable.

- 9 Gently close the print cartridge holder cover on the left side until it is locked, to fix the print cartridge.



- 10 Align the top of the print position pointer with the print position mark where printing should be performed on the document.

(Refer to Step 2 onwards of "Back-Side Imprinter" (page 12) in "2.3 Positioning the Print Cartridge".)



When setting a print cartridge, align the top of the print position pointer with the print position mark where printing should be performed on the document. Otherwise, printing may not be performed properly, or the document may be smudged with ink.

- 11 Close the cover of the Back-Side Imprinter.

- 12 Turn on the scanner.

- 13 Reset the ink level counter as follows.

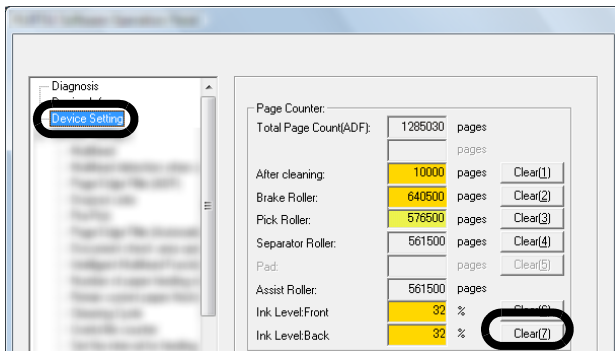


You must reset the ink level counter whenever you replace the print cartridge.



The ink level counter can be reset from the operator panel. For details, refer to the Operator's Guide for the scanner that is used.

- 1 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.
Windows 10/Windows Server 2016/Windows Server 2019
Click [Start] menu → [fi Series] → [Software Operation Panel].
- 2 Click [Device Setting] from left side list in the window.



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

Chapter 3 Daily Care

This chapter describes daily care required for Imprinter.

⚠ WARNING

- Glass parts inside the ADF become hot when the scanner is used. Take care not to get burnt.
- Do not use an aerosol spray, or a spray containing alcohol, for purposes such as cleaning. The air from the spray may cause dirt and dust to enter the scanner mechanism and resulting scanner failure or malfunction. Also, the scanner may catch on fire from a spark caused by static electricity.

⚠ CAUTION

Before cleaning, make sure that you turn off the scanner power and unplug the power cable from the outlet. Otherwise, it may cause an electric shock or malfunction.

! For cleaning, use a dry lint-free cloth (DO NOT use tissues) and gently wipe off the dirt or dust.

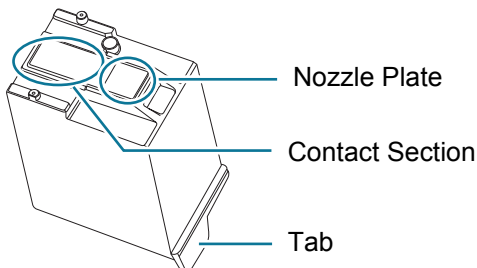


- For how to operate the scanner, refer to the Operator's Guide for the scanner that is used.
- For inquiries on or purchase of cleaning items, contact your FUJITSU scanner dealer or an authorized FUJITSU scanner service provider.

3.1 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 plate of the print cartridge. Prepare a dry lint-free cloth as a cleaning item.

- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Remove the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)
- 3 Gently wipe dirt and dust off the nozzle plate.



- Wipe dirt (particularly ink) and dust off the nozzle plate carefully so that they do not stick to the contact section. If they do, gently wipe them off from the contact section with a clean cloth.
- Be careful not to touch the metal parts (the nozzle plate or contact section) on the cartridge directly by hand. Touching them by hand may cause incorrect printing or contact failure.

- 4 Make sure that all dirt and stains are removed, before installing the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)

3.2 Cleaning the Imprinter

Ink may spatter the vicinity of the print cartridge holder. We recommend that you clean the scanner after every 5,000 sheets scanned to avoid smudges on the document or scanned images. Note that the required cleaning cycle may vary depending upon document type to be scanned.

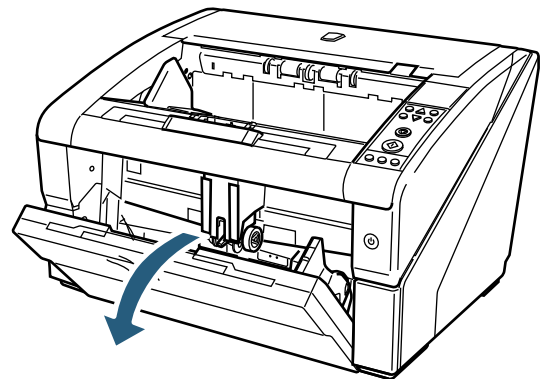
When you print documents on which ink does not easily dry, cleaning more than once per 5,000 sheets may be required.

Prepare the following cleaning items.

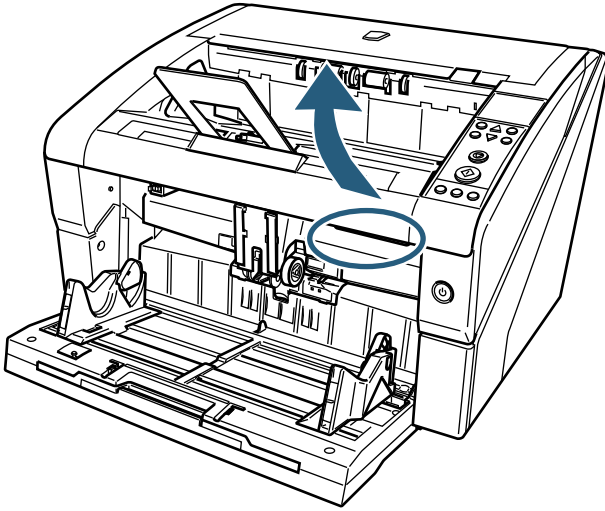
- Cleaner F1 (Part No.: PA03950-0352)
- Dry lint-free cloth

■ Front-Side Imprinter

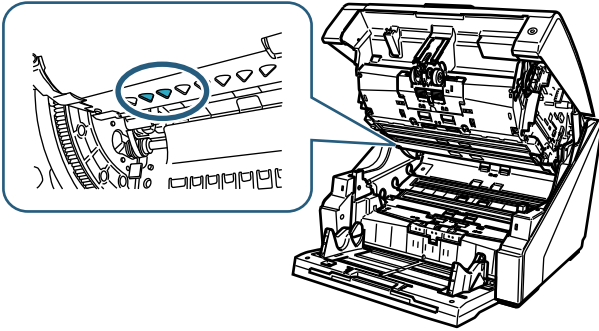
- 1 Make sure that the scanner power cable is unplugged from the outlet.
- 2 Remove the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)
- 3 Open the hopper.



- Put your hand on the ADF release tab, and push it up to open the ADF.



- Gently wipe the print head by using a cloth moistened with Cleaner F1.



If you use a large quantity of Cleaner F1 at once, it will take a long time to dry. Make sure to moisten the cloth with an appropriate quantity of the cleaner. Also, make sure to wipe off the cleaner completely with a soft lint-free cloth and leave no residue on the surface of the cleaned parts.

- Hold the ADF with both hands and press it down slowly.
Push the ADF until it is securely locked in place.



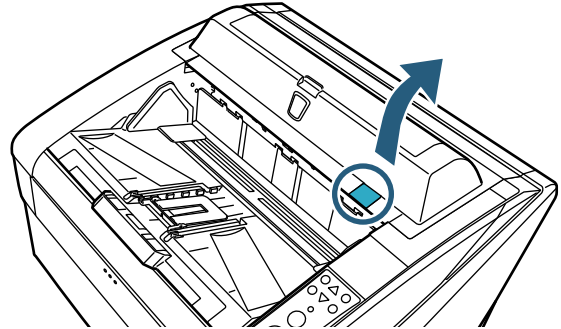
- When closing the ADF, be sure nothing is left inside.
- Be careful not to get your fingers caught.

- Put the hopper back up.

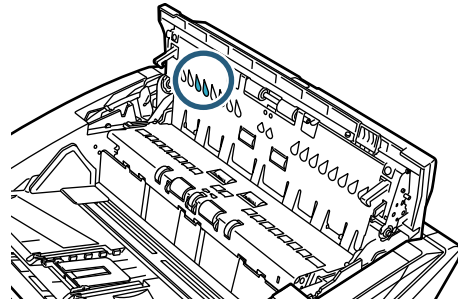
- Reinstall the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)

■ Back-Side Imprinter

- Make sure that the scanner power cable is unplugged from the outlet.
- Remove the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)
- Push up the top cover release tab with your fingers to open the top cover.



- Gently wipe the print head by using a cloth moistened with Cleaner F1.



If you use a large quantity of Cleaner F1 at once, it will take a long time to dry. Make sure to moisten the cloth with an appropriate quantity of the cleaner. Also, make sure to wipe off the cleaner completely with a soft lint-free cloth and leave no residue on the surface of the cleaned parts.

- Hold the top cover with both hands and press it down slowly.
Push the top cover until it is securely locked in place.



- When closing the top cover, be sure nothing is left inside.
- Be careful not to get your fingers caught.

- Reinstall the print cartridge.
(Refer to "2.5 Replacing the Print Cartridge" (page 13).)

Chapter 4 Error Messages

This chapter explains the Imprinter error messages.

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


| Error Code | Error Message | Remedy |
|------------|--|---|
| U6:B4 | Print cartridge not installed (back-side imprinter) | No print cartridge is installed. Check if the print cartridge is mounted correctly. |
| U6:BA | Print cartridge not installed (front-side imprinter) | If the error persists, take a note of the error code, and contact the FUJITSU scanner dealer where you purchased the Imprinter or an authorized FUJITSU scanner service provider. |
| A0:B2 | Imprinter error (RAM) | An error occurred in the Imprinter. Try the following: 1. Check if the print cartridge is installed correctly. 2. Turn off the scanner and then turn it on again. If the error persists, take a note of the error code, and contact the FUJITSU scanner dealer where you purchased the Imprinter or an authorized FUJITSU scanner service provider. |
| A1:B3 | Imprinter error (communication timeout) | |
| A2:B5 | Imprinter error (back-side print head) | |
| A3:B6 | Imprinter error (EEPROM) | |
| A4:B8 | Imprinter error (ROM) | |
| A2:BB | Imprinter error (front-side print head) | |
| H6:B1 | Imprinter system error | An error occurred in the Imprinter. Turn off the scanner and then turn it on again. If the error persists, take note of the error code, and contact the FUJITSU scanner dealer where you purchased the Imprinter or an authorized FUJITSU scanner service provider. |



For details on the error messages displayed on the operator panel and other errors, refer to the Operator's Guide for the scanner that is used.

Chapter 5 Specifications

This chapter describes the Imprinter specifications.

| Item | Description | | | | | | | | | | | | | | | | |
|----------------------------------|--|---------------------------------|-------------------|------------|-----------------|----------------------------------|--------|-------------------------|------|-------------------------|------|-------------------------|---------------------------------|--------|-------------------------|------|-------------------------|
| | Front-Side Imprinter (fi-680PRF) | Back-Side Imprinter (fi-680PRB) | | | | | | | | | | | | | | | |
| Printing Method | Thermal inkjet printing | | | | | | | | | | | | | | | | |
| Print Timing | Post printing (printing after scanning) | | | | | | | | | | | | | | | | |
| | Front-side printing | Back-side printing | | | | | | | | | | | | | | | |
| Printable Characters | Alphabet letters : A to Z, a to z Numerical characters : 0, 1 to 9 Symbols : ! " \$ # % & ' () * + , - . / : ; < = > ? @ [¥] ^ _ { } ~ | | | | | | | | | | | | | | | | |
| Maximum Characters per Line | 43 characters | | | | | | | | | | | | | | | | |
| Print Orientation | Normal, Bold : 0°, 180° (horizontal orientation), 90°, 270° (vertical orientation) Narrow : 0°, 180° (horizontal orientation) | | | | | | | | | | | | | | | | |
| Character Size | Normal, Bold : Height 2.91 × width 3.03 mm/0.1146 × 0.1193 in. (horizontal orientation) Height 3.03 × width 2.91 mm/0.1193 × 0.1146 in. (vertical orientation) Narrow : Height 2.91 × width 1.71 mm/0.1146 × 0.0673 in. (horizontal orientation) | | | | | | | | | | | | | | | | |
| Font Style | Regular, Bold, Thin | | | | | | | | | | | | | | | | |
| Character Width | <table border="1"><thead><tr><th>Print Orientation</th><th>Font Style</th><th>Character Width</th></tr></thead><tbody><tr><td rowspan="3">0°, 180° (Horizontal writing)</td><td>Normal</td><td>2.28 mm/0.0898 in. ±20%</td></tr><tr><td>Bold</td><td>2.65 mm/0.1043 in. ±20%</td></tr><tr><td>Thin</td><td>1.90 mm/0.0748 in. ±20%</td></tr><tr><td rowspan="2">90°, 270° (Vertical writing)</td><td>Normal</td><td>2.65 mm/0.1043 in. ±20%</td></tr><tr><td>Bold</td><td>2.65 mm/0.1043 in. ±20%</td></tr></tbody></table> | | Print Orientation | Font Style | Character Width | 0°, 180° (Horizontal writing) | Normal | 2.28 mm/0.0898 in. ±20% | Bold | 2.65 mm/0.1043 in. ±20% | Thin | 1.90 mm/0.0748 in. ±20% | 90°, 270° (Vertical writing) | Normal | 2.65 mm/0.1043 in. ±20% | Bold | 2.65 mm/0.1043 in. ±20% |
| Print Orientation | Font Style | Character Width | | | | | | | | | | | | | | | |
| 0°, 180° (Horizontal writing) | Normal | 2.28 mm/0.0898 in. ±20% | | | | | | | | | | | | | | | |
| | Bold | 2.65 mm/0.1043 in. ±20% | | | | | | | | | | | | | | | |
| | Thin | 1.90 mm/0.0748 in. ±20% | | | | | | | | | | | | | | | |
| 90°, 270° (Vertical writing) | Normal | 2.65 mm/0.1043 in. ±20% | | | | | | | | | | | | | | | |
| | Bold | 2.65 mm/0.1043 in. ±20% | | | | | | | | | | | | | | | |
| Printable Documents | <p>Documents that can be scanned For details, refer to the Operator's Guide for the scanner that is used. Paper sizes and weights (thickness) are as follows:</p> <ul style="list-style-type: none">● Minimum size (width × length) 52 mm × 74 mm/2.05 × 2.91 in.● Maximum size (width × length) 297 mm × 420 mm/11.69 × 16.54 in.● Paper weight (thickness) 52 to 157 g/m²/14 to 42 lb <div style="border: 1px solid black; padding: 5px;"> Documents with a glossy surface such as thermal paper, thermal transfer paper, coated paper, and art paper take a 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 paper.</div> | | | | | | | | | | | | | | | | |

| Item | Description | |
|-------------------------|--|---|
| | Front-Side Imprinter (fi-680PRF) | Back-Side Imprinter (fi-680PRB) |
| Printing Area | <p>Shaded sections are printable. Other sections are not printable because of the Imprinter structure.</p> <p>Units: mm (in.)</p> | <p>Shaded sections are printable. Other sections are not printable because of the Imprinter structure.</p> <p>Units: mm (in.)</p> |
| Print Position Accuracy | <p>Vertical : ±4 mm (0.16 in.) (at reference position) Horizontal : ±4 mm (0.16 in.) (at reference position)</p> | |
| Ambient Condition | <p>Temperature: 15 to 35°C (50 to 95°F) Humidity : 20 to 80%</p> | |
| Consumables | <p>PRINT CARTRIDGE (P/N: CA00050-0262) (Contact your FUJITSU scanner dealer or an authorized FUJITSU scanner service provider.) Replacement cycle: 4,000,000 characters The number of characters may decrease depending on the font selection.</p> | |

Maintenance support is guaranteed for five years from the date of purchase. Repair parts for this product are available for five years minimum after its production is discontinued.

fi-680PRF/PRB Imprinter

Operator's Guide

P3PC-2512-05EN

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