Canon
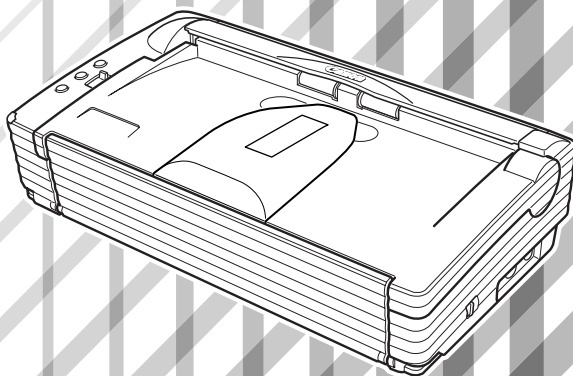
Document Scanner
DR-2580C
Startup Manual

Please read this manual before operating this unit. After you finish reading this manual, store it in a safe place for future reference.

International ENERGY STAR® Office Equipment Program

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INTRODUCTION

Thank you for purchasing the Canon DR-2580C scanner. Please read this manual thoroughly before using the machine to familiarize yourself with its capabilities, and to make the most of its many functions. After reading this manual, store it in a safe place for future reference.

ENGLISH

Manuals for the Scanner

The DR-2580C scanner has a Startup Manual (this manual) and online help. Please refer to the Startup Manual regarding the handling of the scanner, such as installation of software and setting up the scanner. The online help explains how to use the ISIS/TWAIN driver and the enclosed software, CapturePerfect.

DR-2580C Startup Manual

Explains how to set up the scanner, make connections, install software, and other procedures.
Be sure to read it before using the scanner.

Installing the Scanner (See p. 17.)
Installation Procedure (See p. 19.)
Installing the ISIS/TWAIN Driver (See p. 28.)
Installing CapturePerfect (See p. 31.)

ISIS/TWAIN Driver Help

Explains how to use the ISIS/TWAIN driver.

CapturePerfect Help

Explains how to use CapturePerfect.

Job Registration Tool Help

Explains how to use Job Registration Tool.

INTRODUCTION   **1**

Conventions

This manual uses the following symbols and indications.
Before you start reading this manual, read the following and familiarize yourself with their meanings.

⚠ WARNING
Indicates a warning concerning operations that may lead to death or injury to persons if not performed correctly. In order to use the machine safely, always pay attention to these warnings.

⚠ CAUTION
Indicates a caution concerning operations that may lead to injury to persons, or damage to property if not performed correctly. In order to use the machine safely, always pay attention to these cautions.

IMPORTANT
Indicates operational requirements and restrictions. Be sure to read these items carefully in order to operate the machine correctly, and to avoid damage to the machine.

Note
Indicates a clarification of an operation, or contains additional explanations for a procedure. Reading these notes is highly recommended.

Contents

ENGLISH

Before Using the Scanner

Safe Operation

In order to ensure safe operation, be certain to read the cautions described below.

Installation Location

The performance of this scanner is affected by the environment in which it is installed. Make sure that the location where the scanner is installed meets the following environmental requirements:

- Provide adequate space around the scanner for operation and maintenance.
- Provide adequate space behind the scanner in order to eject scanned documents to the back of the scanner. (See "Document Eject Tray," on p. 47.)
- Avoid locations exposed to direct sunlight. If the scanner must be placed in such a spot, hang a heavy curtain, or similar object to shade the scanner.
- Avoid dusty locations. Dust can get inside of the scanner and cause problems.
- Avoid warm or humid locations, such as in the vicinity of a water faucet, water heater, or humidifier, and avoid locations where the fumes from ammonia, paint thinner, or other volatile chemicals may be present.
- Avoid unstable surfaces and locations subject to vibration.
- Avoid locations that are subject to rapid temperature changes. Condensation inside of the scanner can result in inferior image quality. Use this scanner under the following environmental conditions:
 Temperature: 10˚C to 32.5˚C
  Humidity: 20% to 80% RH
- Avoid locating the scanner near equipment that generates electromagnetic fields, including speakers, televisions, and radios.

Power

- Connect only to a power outlet of the rated voltage and power supply frequency. (220-240 V, 50/60 Hz).
- Do not connect to power outlets with other electrical devices. Also, when using an extension cord, make sure that the extension cord is rated for the current requirements of the scanner.
- Disassembling and/or reassembling the AC adapter is extremely dangerous and should not be attempted under any circumstances.
- Do not place heavy objects on the AC adapter or Power Cord. Do not place the adapter or cords in an area where they are likely to be stepped on.
- Do not use the Power Cord while it is bundled.
- Never pull directly on the Power Cord. To remove the plug from the outlet, grasp the plug directly and remove it from the outlet.
- Keep the area around the power plug clear of articles so that the power plug can be disconnected in an emergency.
- Use only the AC adapter provided with the product. Do not use the scanner's AC adapter with any other product.
    Model: MG1-3607
- If you have any questions about the AC adapter, contact your local authorized Canon dealer or service representative for futher information.

Moving the Scanner

- When moving the scanner, always hold it with both hands to avoid dropping it. The scanner weighs approximately 1.9 kg alone, and approximately 5.7 kg with the optional flatbed scanner unit installed.
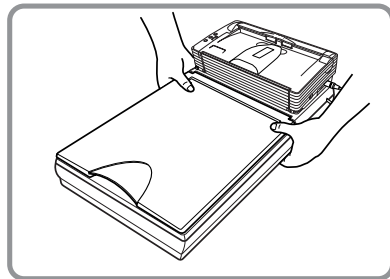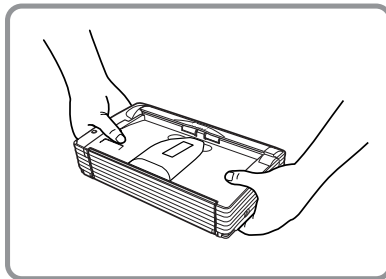
With Optional Flatbed Scanner Unit Installed

- Make sure that the flatbed scanner unit is correctly attached to the DR-2580C scanner before moving the scanner.
- Make sure to disconnect the interface cable and Power Cord. If the scanner is transported with these items plugged in, the plugs and connectors may be damaged due to physical shock.

Normal Handling

⚠ WARNING

To avoid fire and electric shock, always observe the following warnings when using this scanner.

- Do not place flammable chemicals, such as alcohol or paint thinner, near the scanner.
- Do not cut, damage, or modify the Power Cord. Do not place heavy objects on the Power Cord, do not pull on the Power Cord, and do not bend the Power Cord sharply.
- Do not plug in or unplug the Power Cord with wet hands.
- Do not use multioutlet adapters to connect multiple devices to one outlet.
- Do not tie up or bundle the Power Cord. Push the plug in as far as it will go when plugging in the Power Cord.
- Only use the Power Cord that was provided with this scanner.
- Do not attempt to disassemble or modify this scanner.
- Do not use flammable sprays near this scanner.
- Always turn the scanner OFF and unplug the Power Cord before cleaning this scanner.
- To clean this scanner, dampen a cloth in a mild detergent solution and then wring the cloth out thoroughly. Do not use flammable liquids to clean the scanner, including alcohol, benzene, or paint thinner.
- If the scanner ever makes a strange noise, emits smoke or a strange odor, becomes hot, or if the scanner does not operate at all even though the power is ON, immediately turn the scanner OFF and unplug the Power Cord. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- Do not drop, kick, or otherwise strike the scanner. If the scanner does somehow become damaged, immediately turn the scanner OFF and unplug the Power Cord. Contact your local authorized Canon dealer or service representative to have the scanner serviced.
- Always turn the scanner OFF and unplug the Power Cord before moving the scanner.

⚠ CAUTION

- Do not set the scanner up on a wobbly platform, a sloped surface, or any other type of unstable location. Do not set up the scanner in a location that is subject to vibration. The scanner could injure someone if it falls or tips over.
- Do not block the ventilation openings. Doing so could cause the scanner to overheat, creating a risk of fire.

- Do not place paper clips, staples, necklaces, or any other metallic objects on top of the scanner. Liquids or small metallic objects that get inside of the scanner create a risk of fire or electrical shock. If such foreign matter does get inside of the scanner, unplug the Power Cord immediately, and then contact your local authorized Canon dealer or service representative for assistance.
- Do not set up the scanner in a dusty or humid location. Doing so creates a risk of fire or electrical shock.
- Do not place objects on top of the scanner. The object could injure someone if it falls or tips over.
- To prevent any risk of fire or electrical shock, be sure that the power source meets the power requirements of the scanner.
- When unplugging the Power Cord, always grasp the plug. Pulling on the cord itself could expose or break the wires in the Power Cord, damaging the cord and creating a risk of fire or electrical shock.
- To allow you to easily unplug the Power Cord at any time, do not place other objects around the power outlet. Such obstacles could prevent you from unplugging the Power Cord quickly in an emergency.
- Do not spill liquids or flammable chemicals (such as alcohol, paint thinner, or benzene) on the scanner. Doing so creates a risk of fire or electrical shock.
- If the scanner will not be used for an extended period of time, unplug the Power Cord for safety's sake.
- When operating this scanner, avoid wearing loose fitting clothing, dangling jewelry, or other material that could get pulled into the scanner. Injury could result. Be especially careful if you are wearing a necktie or have long hair. In the event that some article or clothing does get caught in the scanner, turn the power OFF immediately.
- Be careful when placing paper in the scanner and when removing jammed paper. It is possible to cut your hand on the edge of a sheet of paper.

Disposal

- When disposing of this scanner, be sure to follow all local ordinances and laws or consult with the retailer who sold you the scanner.

Features of the DR-2580C

The main features of the DR-2580C scanner are listed below.

■ **Fast Document Feeding**

The scanner can scan a maximum of 25 documents per minute in a range of sizes from business cards to A4 size. (Scanning conditions: Black and white, A4 size portrait, two sided, 200 dpi.)

■ **USB 2.0 Interface**

Connecting to a computer is done with Hi-Speed USB 2.0 protocol.

■ **Waiting Time Is "0"**

The DR-2580C is ready to scan after the power is turned ON without a waiting time.

■ **Color/Grayscale Support**

Documents can be scanned in 24-bit color or 256-level grayscale.

■ **Supports a Variety of Scanning Modes**

The scanner supports the following scanning modes, depending on the document type:

- Single-sided/double-sided mode
- Single sheet/dual feeding path

■ **U-Turn Path**

Documents are fed and ejected from the front of the scanner. (See p. 47.)

■ **Straight Path**

Documents are ejected to the back of the scanner. Note, the ejected documents are stacked in reverse order to how they were fed. (See p. 47.)

■ **Paper Size Detection**

The scanner automatically detects the size of a scanned document and eliminates any unnecessary space around the edges of the image when storing it, even when storing a document of irregular size.

■ **Card Scan**

It is possible to scan business card. (See p. 43.)

■ **Folio Scan**

A folio (folded in half) document can be set for scanning as it is, and the scanned images of both sides are combined as a single image. (See p. 59.)

■ **Deskew**

The Deskew function automatically straightens an image if the document was loaded askew.

■ **Character Orientation Detector**

Identifies the orientation of characters in a document, and rotates the image so the orientation of the scanned characters is straight.

■ **Advanced Text Enhancement**

The scanner is equipped with an Advanced Text Enhancement mode that allows you to clearly scan text printed on a dark background, and text that is written in faint pencil.

■ **Dropout Color**

The scanner is equipped with a Dropout Color function that allows you to specify a color for the scanner to omit from scanned images.

■ **Skip Blank Page Function**

The scanner is equipped with a Skip Blank Page function that allows it to scan a document regardless of whether every document is two-sided or one-sided.

■ **Prescan Function**

The scanner is equipped with a Prescan function that allows you to adjust the contrast and brightness of a prescanned image and then send the adjusted image to the application software, without needing to scan the document again.

■ **Remove Binder Holes**

Deletes black spots left when scanning documents that have had holes punched in them to be stored in a binder.

■ **Auto Start**

The scanner is equipped with an Auto Start function that automatically initiates scanning when a document is placed in the document feed tray.

■ **Compatible with Carbonless Duplicating Paper**

The scanner is able to scan carbonless duplicating paper.

■ **Job Function**

Executing a scan with one of the scanner's job buttons automatically performs the specified process (save, print, mail attachment). (See p. 58.)

■ **Flatbed Scanner Unit (Option)**

The Flatbed Scanner Unit can be attached to and used with the DR-2580C scanner. Contact your local authorized Canon dealer for more detailed information. (See p. 59.)

■ **Power Saving Feature**

The scanner has a power saving feature that puts the scanner in low power mode after it has been idle for a certain period of time.
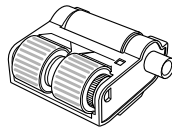
📖 **Note**

Some functions may not be available depending on the software you are using.
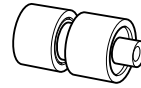
Checking the Packing List

The contents of the carton in which this scanner is shipped are described below. If anything is missing or damaged, contact your local authorized Canon dealer or service representative.
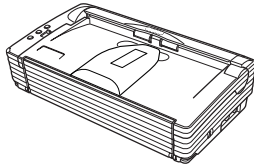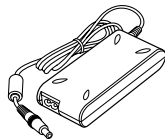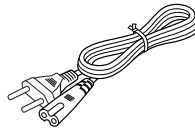
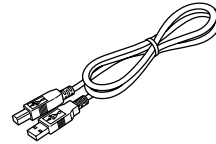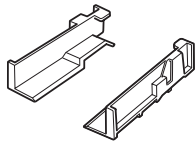DR-2580C
Scanner

Roller Unit

Retard Roller

AC Adapter
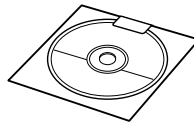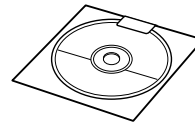
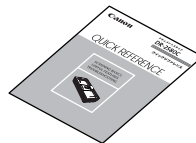Power Cord

USB Interface Cable

Document Guide
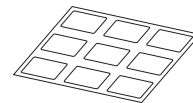Adapter

DR-2580C
Setup Disc
(CD-ROM)

Adobe Acrobat
Setup Disc
(CD-ROM)

Startup Manual
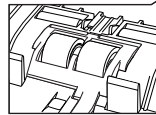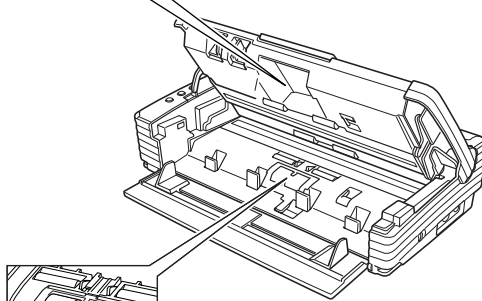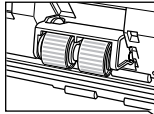(This Manual)

Quick Reference
Guide

Job Labels

📖 Note

- Remove all of the protective tape and protective sheets from the DR-2580C. (Refer to "Removing the Protective Packing Materials" page 12.)
- To use the "roller unit" and the "retard roller" install them to the DR-2580C. Refer to "Removing and Attaching the Roller Unit" (see p. 67.) and "Removing and Attaching the Retard Roller" (see p. 71.) for information about installing the rollers.

Roller Unit

Retard Roller

- The DR-2580C Setup Disc is in the Startup Manual (this manual).
- Items included in this package may change without notice.
- You need to keep the machine's packaging and packing materials for storing or transporting the machine.
- The power cord varies according to country of purchase.

Removing the Protective Packing Materials

Remove all of the protective packing materials before using the scanner.

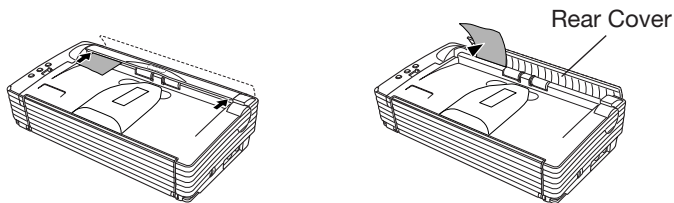**1** Remove the protective tape (indicated by the ▼) from the scanner.
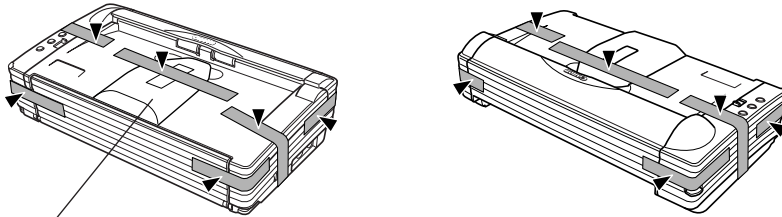
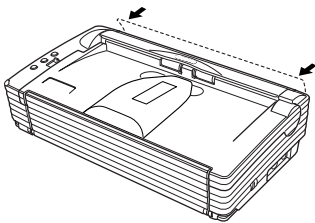Document Eject Tray Extension

⚠ IMPORTANT

When peeling off the protective tape fastening the Document Eject Tray Extension, hold the Document Eject Tray Extension firmly in place with your hand.
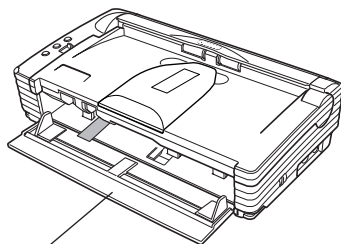
2 Press on both sides of the rear cover to open it towards the rear, and remove the protective sheet.

Rear Cover

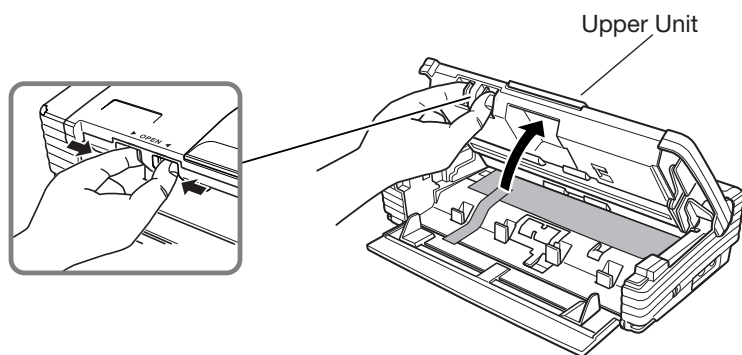**3** Press on both sides of the rear cover to close.

4 Open the Document Feed Tray towards you.

Document Feed Tray

5 Pressing the OPEN knob from both sides, raise the Upper Unit.

Upper Unit

6 Remove the protective tape (indicated by ▼) and protective sheet.
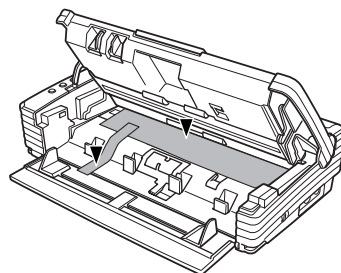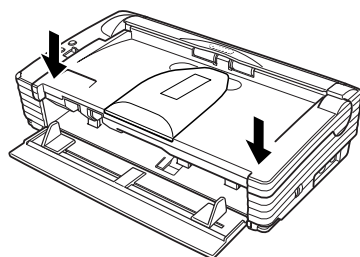
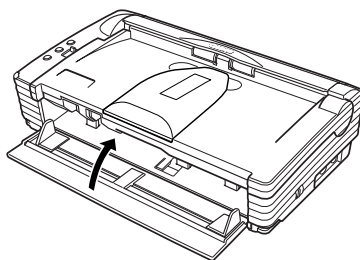**7** Close the Upper Unit slowly.
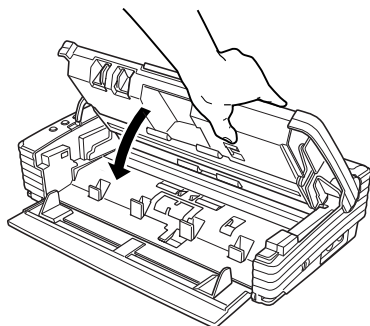
IMPORTANT

Do not force the Upper Unit to close. Doing so can damage the scanner.

8 Be sure that the Upper Unit is completely closed by pushing on both edges with both hands until you hear a click.
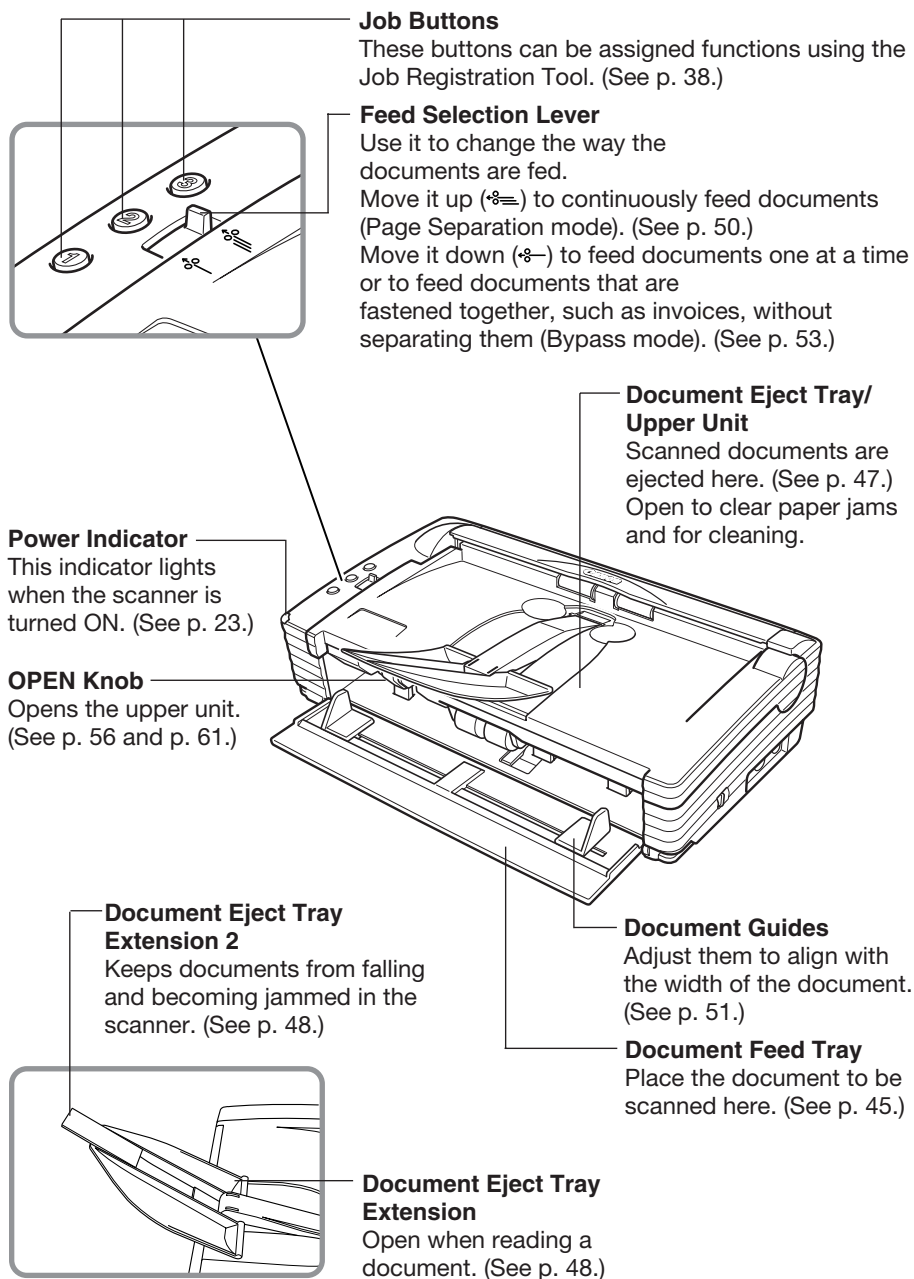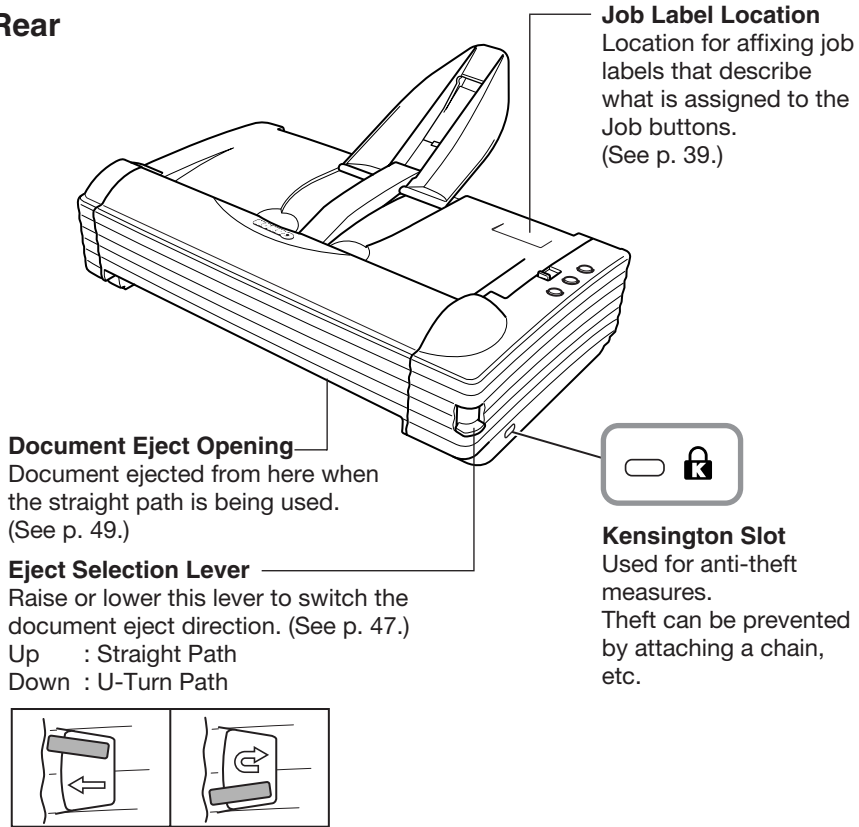
9 Close the Document Feed Tray.

Names and Functions of Parts

This section explains the name and function of each part. Familiarize yourself with the parts before connecting the scanner.

■ Front

Job Buttons
These buttons can be assigned functions using the Job Registration Tool. (See p. 38.)

Feed Selection Lever
Use it to change the way the documents are fed.
Move it up (☖≡) to continuously feed documents (Page Separation mode). (See p. 50.)
Move it down (☖–) to feed documents one at a time or to feed documents that are fastened together, such as invoices, without separating them (Bypass mode). (See p. 53.)

Document Eject Tray/ Upper Unit
Scanned documents are ejected here. (See p. 47.)
Open to clear paper jams and for cleaning.

Power Indicator
This indicator lights when the scanner is turned ON. (See p. 23.)

OPEN Knob
Opens the upper unit. (See p. 56 and p. 61.)

Document Eject Tray Extension 2
Keeps documents from falling and becoming jammed in the scanner. (See p. 48.)

Document Guides
Adjust them to align with the width of the document. (See p. 51.)

Document Feed Tray
Place the document to be scanned here. (See p. 45.)

Document Eject Tray Extension
Open when reading a document. (See p. 48.)

■ Rear

Job Label Location
Location for affixing job labels that describe what is assigned to the Job buttons.
(See p. 39.)

Document Eject Opening
Document ejected from here when the straight path is being used.
(See p. 49.)

Eject Selection Lever
Raise or lower this lever to switch the document eject direction. (See p. 47.)
Up : Straight Path
Down : U-Turn Path

Kensington Slot
Used for anti-theft measures.
Theft can be prevented by attaching a chain, etc.

■ Side (Interfaces)

Power Connector
Connect the bundled AC adaptor. (See p. 21.)

DC16V

Power Switch
This switch is used to turn the scanner ON.
(See p. 23 and p. 26.)

Option Connector
Interface connector for the optional flatbed scanner unit.

USB Connector
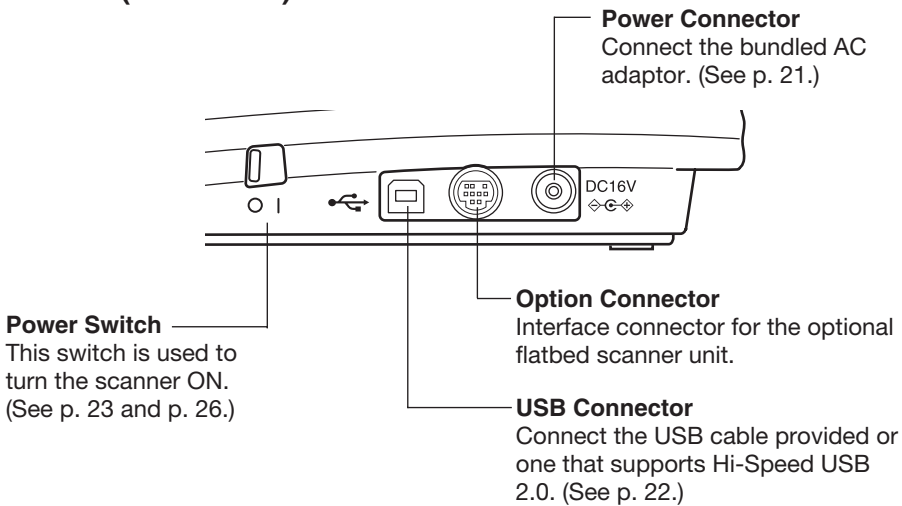Connect the USB cable provided or one that supports Hi-Speed USB 2.0. (See p. 22.)

📖 Note

Do not touch the connector's pins or contacts. Doing so may damage the scanner.

Installing the Scanner

Installation Requirements

In order to use the DR-2580C, your computer must satisfy the following system requirements:

- A computer that meets the following specifications:
  - CPU: Pentium 4 (1.5 GHz or higher)
  - Memory: 512 MB or more (1 GB or more recommended)
  - Hard disk: 1 GB or more available space
  - CD-ROM drive
  - Hi-Speed USB 2.0 interface
  - Extension slot: PCI or CardBus (for interface cards)
  - Monitor: Resolution of 1024 x 768 (XGA) or better recommended
- The Hi-Speed USB 2.0 interface is standard equipment on some computers and is supported on the scanner with the Hi-Speed USB 2.0 interface card (See "Interface Cards" on p. 20.)
- One of the following operating systems:
  - Microsoft Windows 98SE
  - Microsoft Windows Me
  - Microsoft Windows 2000 Professional SP3 or later
  - Microsoft Windows XP Professional SP1 or later
  - Microsoft Windows XP Home Edition SP1 or later
- ISIS compatible or TWAIN compatible application software that runs on your operating system

IMPORTANT

- Use the most recently available USB 2.0 driver when using the DR-2580C. Contact your local authorized Canon dealer or service representative for more detailed information.
- If the Hi-Speed USB 2.0 interface is standard equipment on your computer, then all computer operations are not guaranteed. If the standard Hi-Speed USB 2.0 interface does not operate normally sometimes, then use the recommended Hi-Speed USB 2.0 interface card. Contact your local authorized Canon dealer or service representative for more detailed information.
- If the CPU, memory, interface card, and other specifications do not satisfy those recommended, the scanning speed may be greatly reduced and transmission may take a long time.
- Even if the computer satisfies the recommended specifications, the scanning speed may be slow depending on the scan settings.

📓 Note

- Make sure that enough virtual memory is set on your Windows system. Virtual memory settings vary according to the Windows system. For more information, refer to the Windows manual or the online help.
- The USB cable you are using should be the one originally bundled with the scanner or a Hi-Speed USB 2.0 compatible cable.
- Depending on the application software that you are using, the device driver provided may not operate, or you may not be able to use the functions described in this guide.
- Make sure that the device driver and application software that you will be using are compatible with your PC, the system configuration, and the type of interface card that you are using.
- The ISIS/TWAIN driver provided with the scanner is not necessarily compatible with all ISIS compatible or TWAIN compatible application software. For details, contact your local authorized Canon dealer or service representative.

Installation Procedure

The procedure for installing the scanner is outlined below. (For a detailed outline of this procedure, see "Connecting the Scanner to Your PC," on p. 22.)

1. Check the interface card in your computer.
   (See "Interface Cards," on p. 20.)

2. Connect the Power Cord to the scanner.
   (See "Connecting the Power Cord," on p. 21.)

3. Connect the scanner to the PC.
   (See "Connecting the Scanner to Your PC," on p. 22.)

4. Turn ON the scanner.
   (See "Turning the Power ON," on p. 23.)

5. Let the PC recognize the Scanner.
   (See "Recognizing the Scanner," on p. 24.)

6. Turn the scanner OFF.
   (See "Turning the Power OFF," on p. 26.)

Interface Cards

The recommended USB 2.0 interface card for this machine is noted below.

Recommended USB 2.0 Interface Cards

(for PCI Bus)

Manufacturer:	Adaptec
Models:	USB 2 connect 2000LP (AUA-2000)
	USB 2 connect 3100 (AUA-3100LP)
	USB 2 connect 5100 (AUA-5100)

(for Card Bus)

Manufacturer:	Adaptec
Models:	USB 2 connect for Notebooks (AUA-1420)

⚷ IMPORTANT

- Follow the instructions in your computer's and the USB 2.0 interface card's manuals to install the USB 2.0 interface card into your computer.
- Use the most recent version of the USB 2.0 driver provided by Microsoft.

📝 Note

If the USB 2.0 interface is not compatible with Hi-Speed USB 2.0, scanning speed is reduced.

Connecting the Power Cord

Perform the following steps to connect the Power Cord.

⚠ WARNING

- **Be sure to use the Power Cord and AC adaptor provided with the scanner.**
- **Be sure the scanner is turned OFF when performing this operation.**

1 Connect the bundled Power Cord ① to the AC adaptor.

①
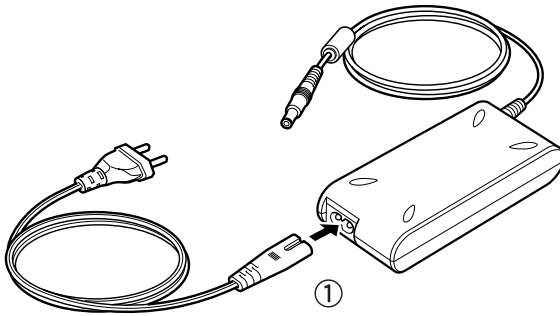
2 Plug the AC adaptor Power Cord into the power connector ② on the right side of the scanner, and plug the power plug into a power outlet ③.

DC16V

②

③

①
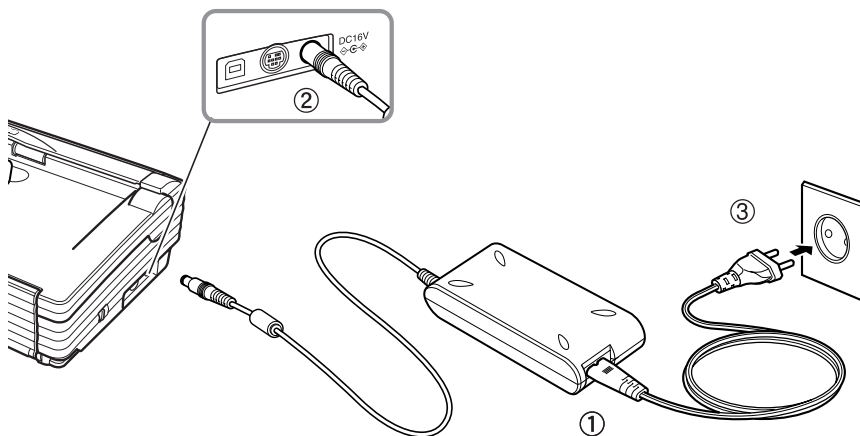
Connecting the Scanner to Your PC

Connecting the scanner to a computer using a USB connection.

ⓐ IMPORTANT

- When the application is running, do not turn the scanner OFF or unplug the interface cable.
- Do not connect multiple DR-2580C scanners to one (1) computer.

> USB Interface Connection
> - Be sure to use the USB cable bundled with the scanner or a Hi-Speed USB 2.0 compatible cable.
> - When using a USB extension card that supports Hi-Speed USB 2.0, be sure to choose one verified for use with the scanner. (See p. 20.)

Computer

DR-2580C

USB Cable
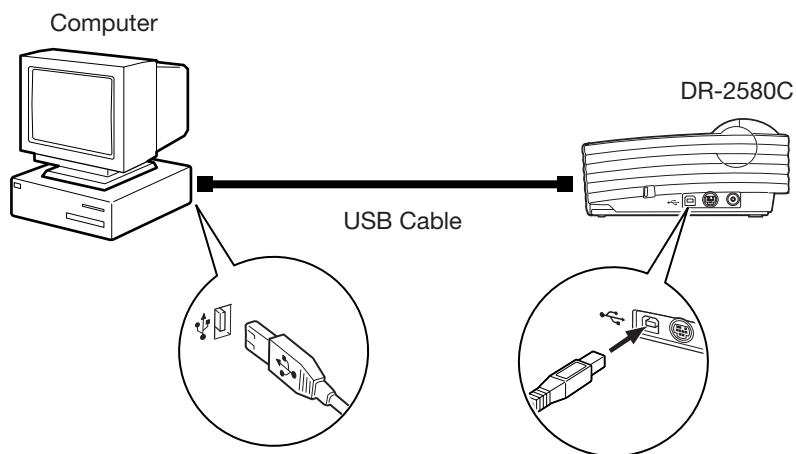
ⓐ IMPORTANT

When using a USB hub, be sure to use one compatible with USB 2.0.

📖 Note

- The DR-2580C passed the Hi-Speed USB 2.0 certification test. However, when you use the scanner with a personal computer equipped with USB 2.0 as standard, the scanner may not always operate normally.
- If the interface is not Hi-Speed USB 2.0 compatible, the scanning speed will slow down.

Turning the Power ON/OFF

Follow the procedures described below when turning the power ON or OFF.

Turning the Power ON

1 Turn ON the scanner.

The power switch is on the right side of the scanner.
Push the power switch to turn ON the scanner. The power lamp lights green when the power is ON.
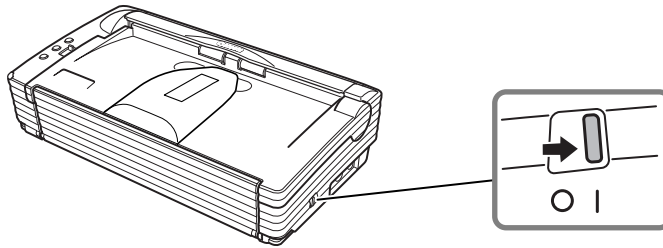
2 Turn ON the PC.

⚠ WARNING

If the scanner ever makes a strange noise, emits smoke or a strange odor, becomes hot, or if the scanner does not operate at all even though the power is ON, immediately turn the scanner OFF and unplug the Power Cord. Contact your local authorized Canon dealer or service representative to have the scanner serviced.

3 Log on to Windows.

🔔 IMPORTANT

If you are using Windows 2000 Professional or Windows XP, be sure to log on as a user with administrator privileges.

Recognizing the Scanner

When the computer recognizes the scanner, Windows Plug And Play displays the scanner driver's installation screen. Follow the instructions that appear on the screen to install the driver.

- If you are using Windows 98SE, the [Add New Hardware Wizard] dialog box appears.
  1. Click the [Next] button.
  2. Select [Search for the best driver for your device. (Recommended)], and then click the [Next] button.
  3. Insert the setup disc into the computer's CD-ROM drive.
  4. Select [Specify a location], enter "D:\INF" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [Next] button.
  5. Click the [Next] button.
  6. Click the [Finish] button.

- If you are using Windows Me, the [Add New Hardware Wizard] dialog box appears.
  1. Select [Specify the location of the driver (Advanced)], and then click the [Next] button.
  2. Insert the setup disc into the computer's CD-ROM drive.
  3. Select [Search for the best driver for your device. (Recommended)], and then select [Specify a location]. Enter "D:\INF" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [Next] button.
  4. Click the [Next] button.
  5. Click the [Finish] button.

- If you are using Windows 2000 Professional, the [Found New Hardware Wizard] dialog box appears.
  1. Click the [Next] button to proceed to the Install Hardware Device Drivers screen.
  2. Select [Search for a suitable driver for my device (Recommended)], and then click the [Next] button to proceed to the Locate Driver Files screen.
  3. Select [Specify a location], and then click the [Next] button.
  4. Insert the setup disc into the computer's CD-ROM drive.
  5. Enter "D:\INF" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [OK] button.
  6. On the Driver Files Search Results screen, click the [Next] button.
  7. If the message "Digital Signature Not Found" appears, click [Yes] to continue installation.
  8. On the Completing the Found New Hardware Wizard screen, click the [Finish] button.

• If you are using Windows XP, the [Found New Hardware Wizard] dialog box appears.
1. Insert the setup disc into the computer's CD-ROM drive.
2. On the Welcome to the Found New Hardware Wizard screen, select [Install from a list or specific location (Advanced)], and then click the [Next] button.
3. Select [Search for the best driver in these locations], and then clear the [Search removable media (floppy, CD-ROM...)] check box. Select [Include this location in the search], enter "D:\INF" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [Next] button.
4. Although a message appears indicating that the driver "has not passed Windows logo testing", click the [Continue Anyway] button in the [Hardware Installation] dialog box.
5. Click the [Finish] button on the Completing the Found New Hardware Wizard screen.

Note

The DR-2580C is registered as "CANON DR-2580C USB" in the Imaging Device directory.

IMPORTANT

The job function will no longer be available if scanner recognition is cancelled part way through (see "Job Function," on p. 58.). Be sure to perform the scanner recognition procedure all the way to the end.

Turning the Power OFF

⚠ CAUTION

If the scanner will not be used for an extended period of time, unplug the Power Cord for safety's sake.

1 Exit the application.

2 Turn OFF the scanner.

The power switch is located on the lower right front corner of the scanner. To turn the scanner OFF, press the power switch. When the power indicator turns OFF, the scanner is OFF.
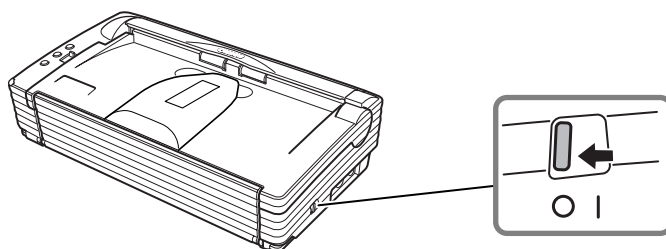
📖 Note

- Make sure you exit the application before turning OFF the scanner. Turning OFF the scanner before exiting the application can cause unstable operation of the computer.
- Wait at least 10 seconds before turning the scanner back ON after it has been turned OFF.

⚠ WARNING

If the scanner ever makes a strange noise, emits smoke or a strange odor, becomes hot, or if the scanner does not operate at all even though the power is ON, immediately turn the scanner OFF and unplug the Power Cord. Contact your local authorized Canon dealer or service representative to have the scanner serviced.

Installing the Software

IMPORTANT

The DR-2580C setup disc contains the software listed below. Be sure to read the contents of the Readme.txt file before installing the software.

- **ISIS/TWAIN Driver**

  This driver allows this scanner to be used with ISIS compatible application software or TWAIN compatible application software. The driver must be installed to be able to use the scanner.

- **Job Tool**

  The job tool TWAIN-compatible application software is installed together with the ISIS/TWAIN driver.

  The job tool comprises a "Job Registration Tool" and a "Job Execution Tool." The Job Registration Tool is for assigning the job button functions on the scanner, and the Job Execution Tool is for executing scanning from job buttons. (See "Using Job Tools" on p. 38.)

- **CapturePerfect**

  CapturePerfect is software for scanning images that is ISIS compatible. You need to install the ISIS/TWAIN driver before installing CapturePerfect.

For information about installing the bundled Adobe Acrobat, see the "How To Install" file on the Adobe Acrobat setup disc.

Installing the ISIS/TWAIN Driver

The ISIS/TWAIN driver setup program installs the ISIS/TWAIN driver and the job tool. Follow the procedure below to install the ISIS/TWAIN driver.

1 Turn ON your PC. Windows starts.

⚐ IMPORTANT

- If you are using Windows 2000 Professional or Windows XP, be sure to log on as a user with administrator privileges.
- If another ISIS compatible driver is already installed in your PC, you must back up the files listed below. These files may be overwritten when you install this ISIS/TWAIN driver.
  C:\Windows\System\pix*.dll
  C:\Windows\PixTran*.*
- The name of the "\Windows" and "\Windows\System" folder varies, depending on which version of Windows you are using. Substitute the above folder names with the relevant folder names for Windows used in your system.

2 Insert the setup disc in the PC's CD-ROM drive.
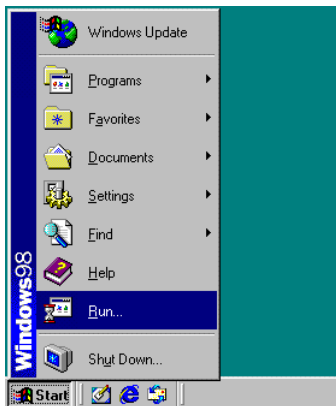
3 Click the [Start] button, and then select [Run].

The [Run] dialog box appears.

4 In the Open box, enter "D:\Driver\Setup.exe" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [OK] button.
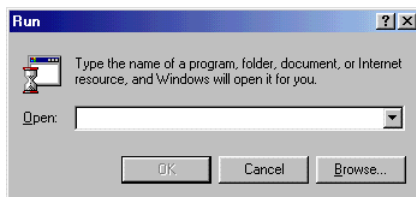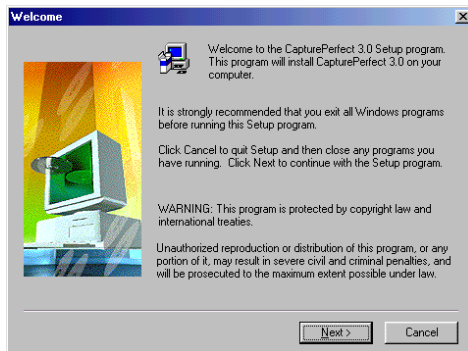

The installer starts.

**5** Follow the instructions that appear on the screen to install the software.

1. Read the Welcome text, and then click [Next].



2. Read the License Agreement text, and then click [Yes].
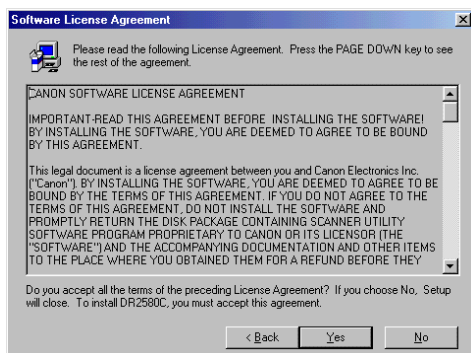
3. Start installation of the ISIS/TWAIN driver.
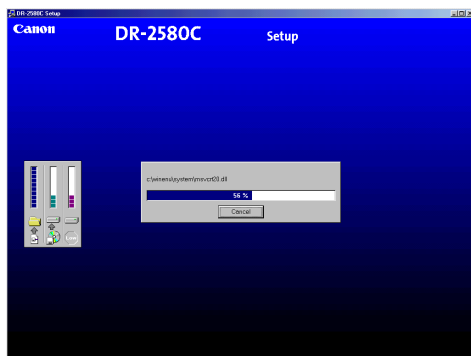
4. After installing the ISIS/TWAIN driver, start installation of the job tool.

5. This completes the installation.
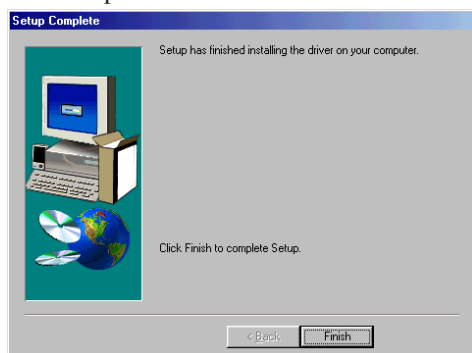
6 After installation is complete, click the [Finish] button to exit the installer.

📖 **Note**

When the ISIS/TWAIN driver is installed, Canon DR-2580C Help (see "Using the ISIS/TWAIN Driver" on p. 37.) and the Job Registration Tool (see "Using Job Tools" on p. 38.) icons are registered to the Start menu.
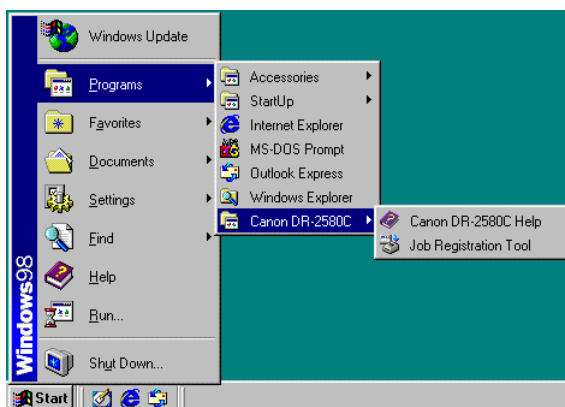
Installing CapturePerfect

CapturePerfect is ISIS compatible application software. You need to install the ISIS/TWAIN driver before installing CapturePerfect. Follow the procedure below to install CompturePerfect.

1 Turn ON your PC. Windows starts.

🖰 IMPORTANT

If you are using Windows 2000 Professional or Windows XP, be sure to log on as a user with administrator privileges.

2 Insert the setup disc in the PC's CD-ROM drive.

3 Click the [Start] button, and then select [Run].

The [Run] dialog box appears.

4 In the Open box, enter "D:\CapturePerfect\Setup.exe" (assuming that "D" is the letter assigned to your CD-ROM drive), and then click the [OK] button.
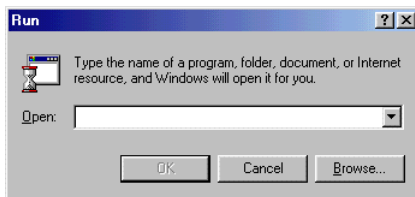
The installer starts.

5 Follow the instructions that appear on the screen to install the software.

1. Select the installation language.
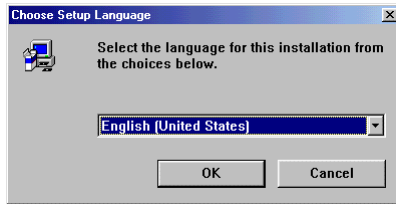
2. Read the Welcome text, and then click [Next].

3. Read the License Agreement text, and then click [Yes].
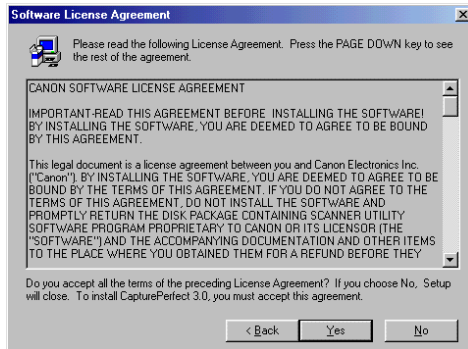
4. Read the Choose Destination Location text, and then click [Next].
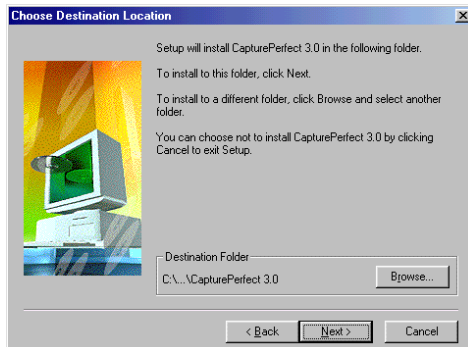
5. This starts the installer.
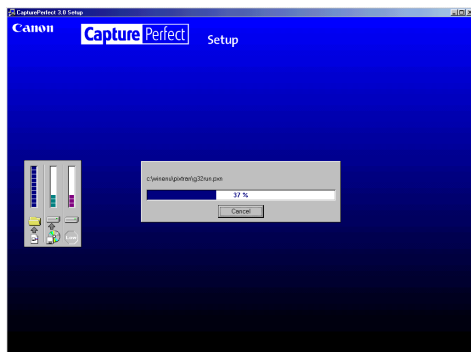
6. This completes the installation.
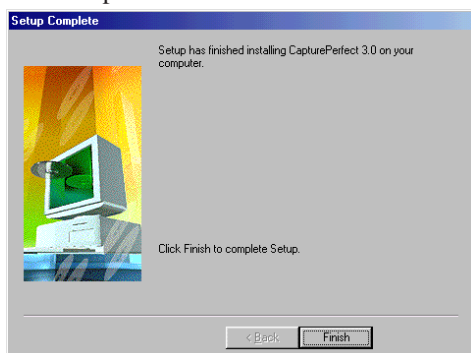
6 After installation is complete, click the [Finish] button to exit the installer.

📖 **Note**

Installing CapturePerfect will put a CapturePerfect icon on your Windows Start Menu. (See "Using CapturePerfect," on p. 40.)
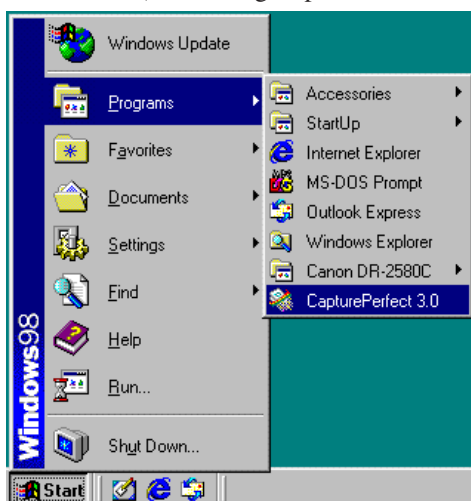
Uninstalling Software

Follow the procedure described below to uninstall the ISIS/TWAIN driver, Job Tools, and CapturePerfect.

![IMPORTANT]

Uninstall the ISIS/TWAIN driver and job tool separately.

1 Click the [Start] button, point to [Settings], and then click [Control Panel].

![Note]

If you are using Windows XP, on the Start menu, click [Control Panel].
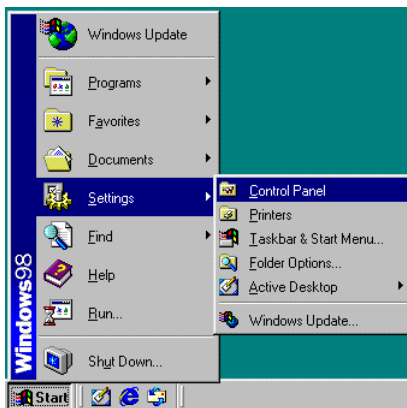
The [Control Panel] window is displayed.

2 Double-click the [Add/Remove Programs] icon.

![Note]

If you are using Windows XP, double-click the [Add or Remove Programs] icon.
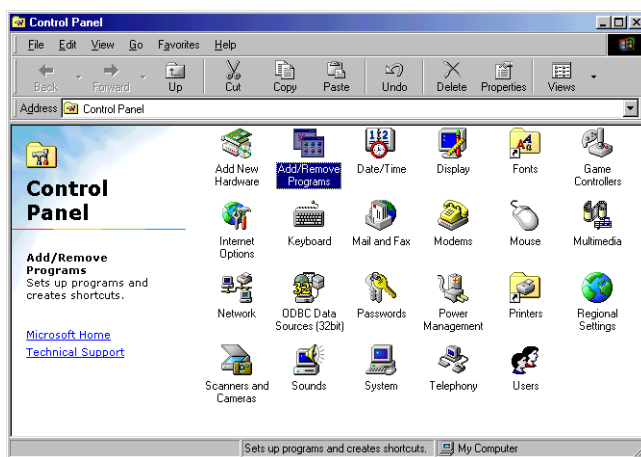
The [Add/Remove Programs Properties] dialog box is displayed.

📖 **Note**

If you are using Windows XP, the [Add or Remove Programs] dialog box is displayed.

3 On the list in the dialog box, select the application you want to delete, and then click [Add/Remove].

📖 **Note**

If you are using Windows XP, click the [Change/Remove] button.
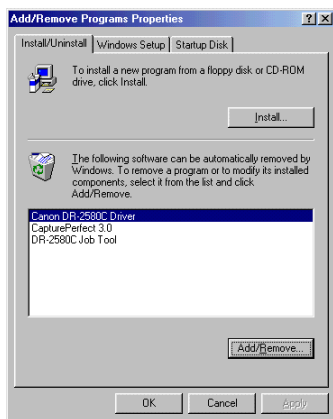
4 The [Confirm File Deletion] dialog box appears.

When [Canon DR-2580C Driver] is selected.
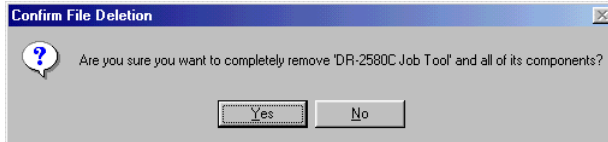
When [DR-2580C Job Tool] is selected.
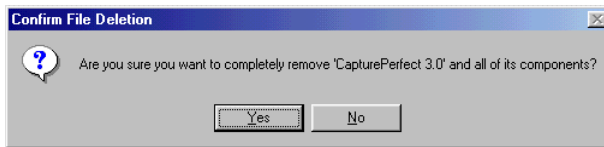
When [CapturePerfect] is selected.

5 Click the [Yes] button to start the uninstaller.
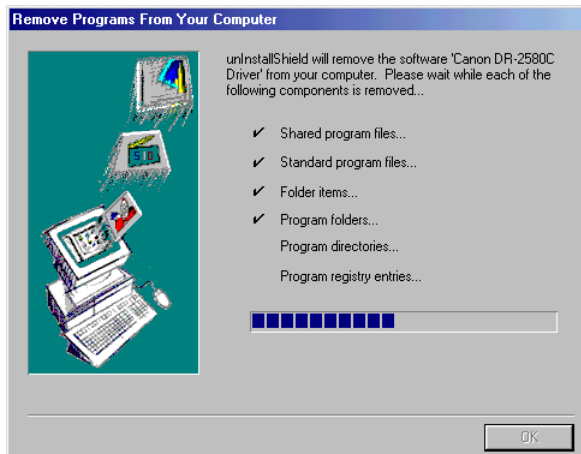
6 After uninstall is complete, click the [OK] button to exit the uninstaller.

Using the Software

- This section provides only the basic procedures for using installed software. Software applications also have their own help. See the applicable help for details about using each software application.
- For information about the bundled Adobe Acrobat, see Adobe Acrobat help.

Using the ISIS/TWAIN Driver

The ISIS/TWAIN driver help describes how to use the ISIS/TWAIN driver. To access ISIS/TWAIN driver help, click the [Start] button, point to [Programs] (when using Windows XP, point to [All Programs]) - [Canon DR-2580C], and then click [Canon DR-2580C Help], or click the [Help] button displayed in the dialog box.
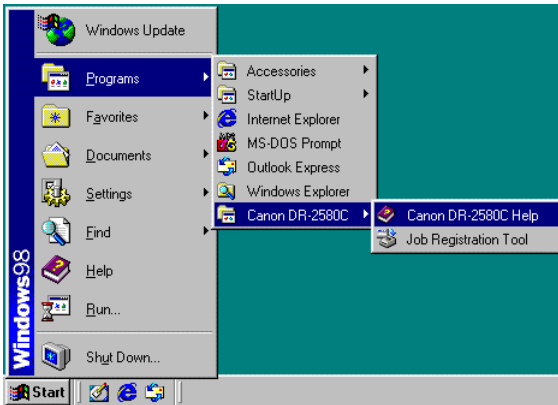
📖 **Note**

Before using the ISIS/TWAIN Driver, select the scanner [Canon DR-2580C] with the software. For more information, refer to [Canon DR-2580C Help] and the manual for the software you are using.
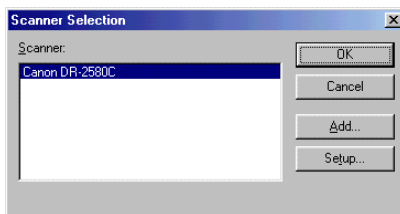
Using Job Tools

This section explains how to start up Job Registration Tool. Details about configuring Job Registration Tool settings can be found in Job Registration Tool help.

To view information about settings, click the [Help] button on the Job Registration Tool main screen.

## Starting Job Registration Tool

1 Turn ON the scanner.

2 Turn ON your computer. Windows starts.

3 Click the [Start] button, point to [Programs] (when using Windows XP, point to [All Programs]) - [Canon DR-2580C], and then click [Job Registration Tool].

Job Registration Tool starts.
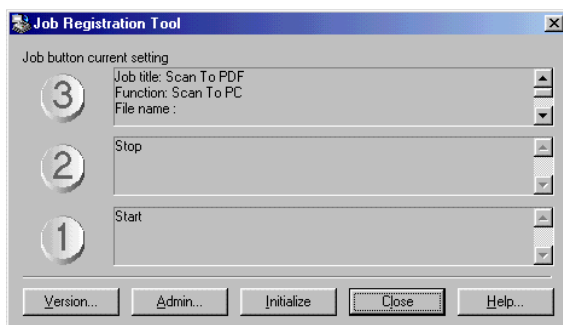
4 Press a Job button, and then configure the Job Registration Tool settings.
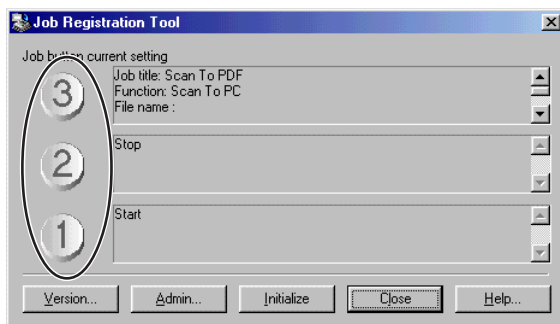
📖 Note

For details about configuring Job Registration Tool settings, click the [Help] button.

5 After configuring the settings, click the [Close] button to exit Job Registration Tool.

📖 Note

Fill in the Job Registration Tool settings on the included job label, and affix the job label to the scanner.
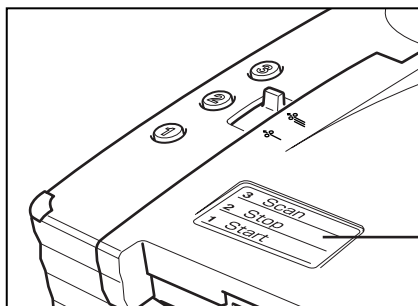
Job Label

Using CapturePerfect

This section explains the basic procedures to start and exit CapturePerfect.
Details about actually using CapturePerfect can be found in CapturePerfect
help. To view information about using CapturePerfect, click [Help] on the
CapturePerfect menu bar.
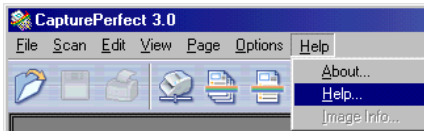
Starting CapturePerfect

1 Turn ON the scanner.

2 Turn ON your computer. Windows starts.

3 Click the [Start] button, point to [Programs] (when using Windows XP, point
to All Programs), and then click [CapturePerfect].

CapturePerfect starts.
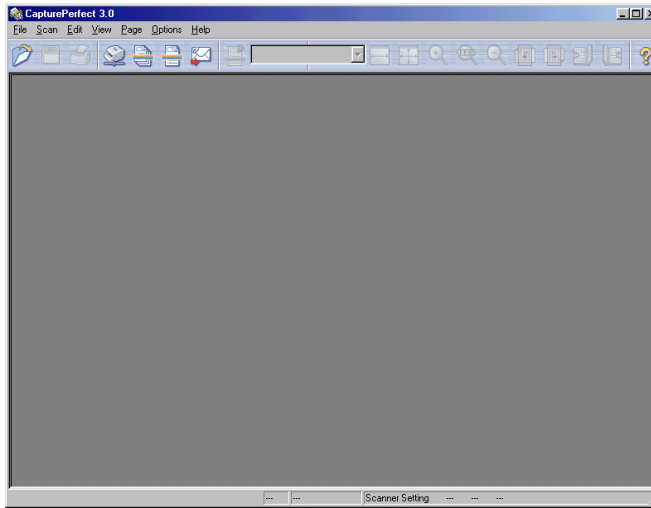
4 On the [Scan] menu, click [Select Scanner].
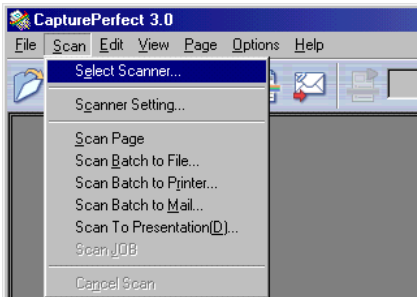
5 Select [Canon DR-2580C], and then click the [OK] button.
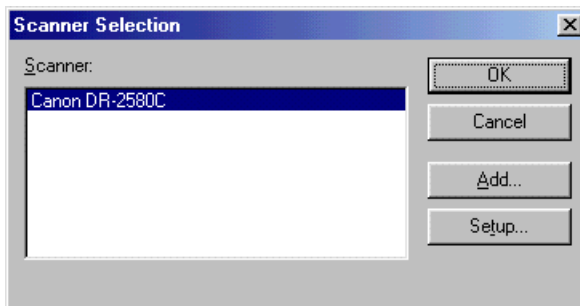
📖 **Note**

If [Canon DR-2580C] is not displayed in the list of scanners, reinstall the ISIS/TWAIN driver. (See "Installing the ISIS/TWAIN Driver," on p. 28.)
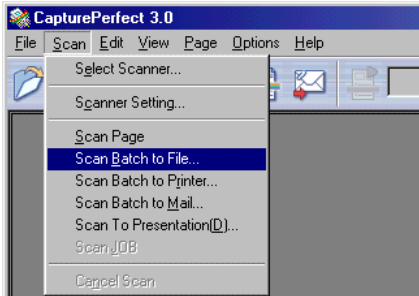
Using the Software **41**

6 On the [Scan] menu, click [Scanner Setting], and then configure the scanning parameters.
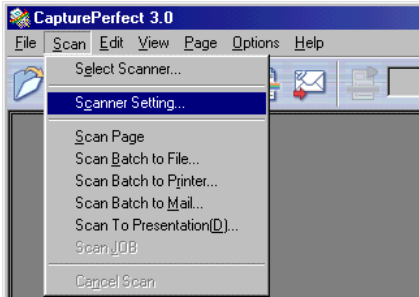
📖 **Note**

> For details about how to configure scanning parameters, see ISIS/TWAIN driver help. (See p. 37.)

7 Execute the scan operation from the [Scan] menu.

📖 **Note**

> Details about actually using CapturePerfect can be found in CapturePerfect help. To view information about using CapturePerfect, click [Help] on the menu bar.

8 After scanning is complete, select [Exit] on the [File] menu to quit CapturePerfect.
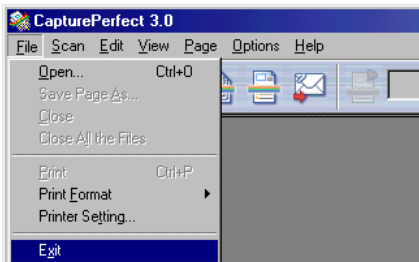
CapturePerfect closes.

Using the Scanner

Documents

This scanner can scan documents ranging in size from business cards and checks to A4 size documents. The size of documents that can be scanned is shown below.

Eject Direction (*1)	U-Turn Path	Straight Path
Width	53 mm to 216 mm	53 mm to 216 mm
Length	70 mm to 355.5 mm (*2)	70 mm to 355.5 mm
Weight (*3) Feeding documents are separated Feeding documents are not separated	52 to 128g/m^2 0.06 mm to 0.15 mm 42 to 157g/m^2 0.05 mm to 0.20 mm	42 to 157g/m^2 0.05 mm to 0.20 mm 42 to 157g/m^2 0.05 mm to 0.20 mm
Business Cards	Cannot be scanned	Can be scanned (not separated) Size: 53.9 mm x 85.5 mm Thickness: 0.76 ± 0.08 mm without embossing

(*1) For information about the output directions, see "Document Eject Tray," on p. 47.

(*2) If the document is longer than 297 mm, use the Bypass mode with Feed Selection Lever for document scanning (See p. 53.).

(*3) For information about feeding a document, see "Placing a Document for Scanning," on p. 50.

IMPORTANT

A document must meet the following criteria to be scannable:

• When scanning a multipage document, pages must be grouped together so that they have the same size, thickness, and weight. Scanning different types of paper at one time can cause the scanner to jam.

• When using the U-turn path to scan a document that is longer than 297 mm, use the Bypass mode and feed pages one at a time. Attempting to use the U-turn path for continuous feed scanning of a document that is longer than 297 mm can cause the document pages to fall onto the feed tray and become jammed in the scanner.

• Scanning documents before the ink is dry can cause problems with the scanner. Always make sure that the ink on a document is dry before scanning it.

- Scanning documents that are written in pencil or similar material can make the rollers dirty, which can then transfer the dirt to subsequent documents. Always clean the rollers after scanning a document written in pencil.
- When scanning a two-sided document that is printed on thin paper, the image on the opposite side of each page may show through. Adjust the scanning intensity in the application software before scanning the document.
- Scanning the following types of documents can cause a paper jam or malfunction. To scan such a document, make a photocopy of the document and then scan the photocopy.

 Wrinkled or creased documents

 Documents with paper clips or staples

 Extremely thin, translucent paper

 Curled documents

 Carbon paper

 Torn documents

 Coated paper

- Note that glossy originals or card originals sometimes cannot be scanned correctly, or functions such as Paper Size Detection and Deskew do not function properly due to reflected light.
- When scanning business cards, make sure to select the nonseparation feed and straight path.

⚠ CAUTION
The results of scanning embossed cards are not guaranteed. Note that scanning embossed cards may scratch the sensor glass.

Embossed Card

Preparing the Trays

Prepare the Document Feed Tray and Document Eject Tray according to the paper size and feed/eject method.
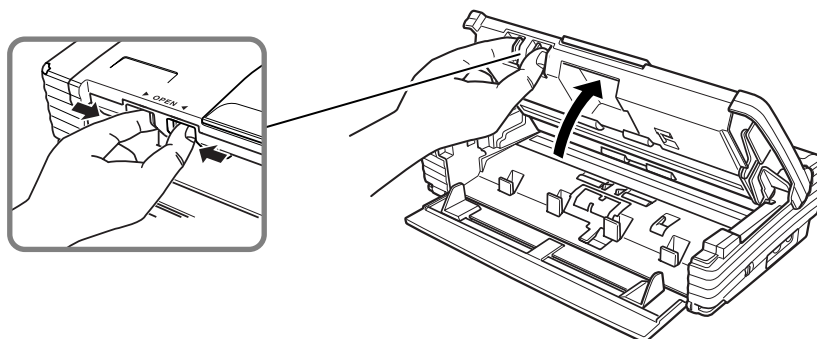
Setting Up the Document Feed Tray

Pull the Document Feed Tray towards you to open it.
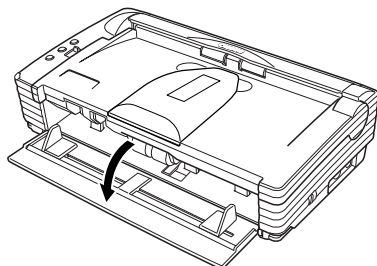
When Documents Are Skewed

If fed documents are skewed, follow the procedure described below to install the Document Guide Adapters.

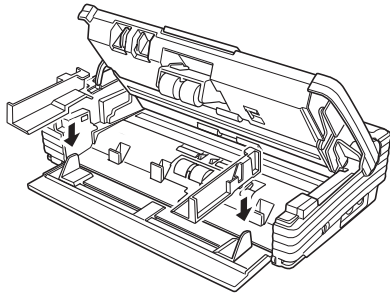*1* Pressing the OPEN Knob from both sides, raise the Upper Unit.
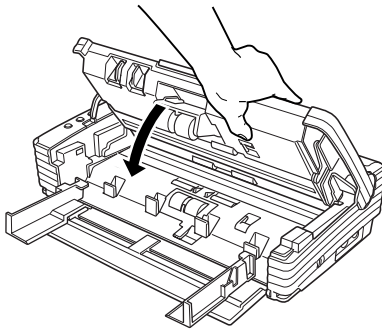
2 Set the Document Guide Adapters onto the Document Guides.

📖 **Note**

Cover the Document Guides from above with the Document Guide Adapters, and insert them as far as they will go, until they click into place.

3 Carefully close the Upper Unit.

📑 **IMPORTANT**

Do not force the Upper Unit to close. Doing so can damage the scanner.

**4** Be sure that the Upper Unit is completely closed by pushing on both edges with both hands until you hear a click.
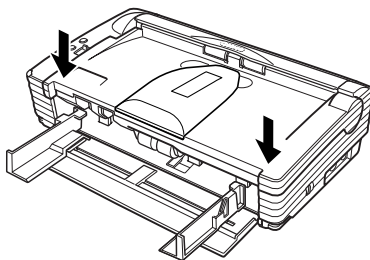
IMPORTANT

- Do not hold the tips of the Document Guide Adaptors when moving them. Doing so can damage the document tray.
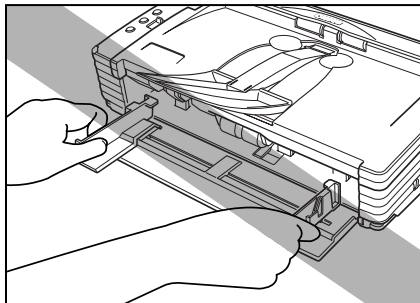
- Before removing the Document Guide Adapters, be sure to open the upper unit first. Using undue force when removing the Document Guide Adaptors can damage the document tray.

Document Eject Tray

The scanner has two eject methods: documents can be ejected to the front of the scanner in a U-Turn Path, or to the back of the scanner in a Straight Path. The eject method can be switched by moving the Eject Selection Lever up and down. Select the eject method according to what you need to do.
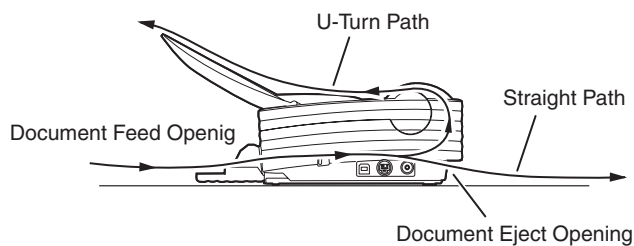
Note

The Straight Path can be used to scan thick paper, thin paper, and business cards.
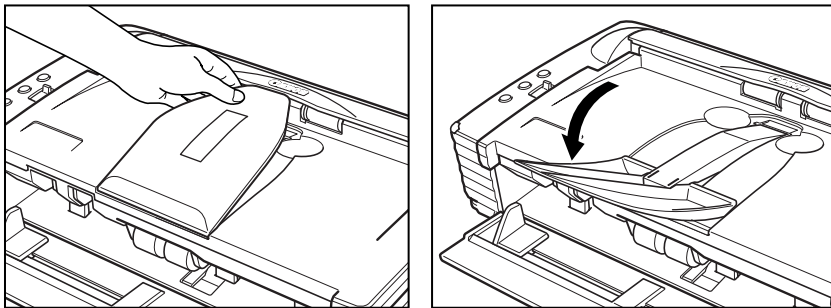
Using the U-Turn Path

1 Lower the Eject Selection Lever.

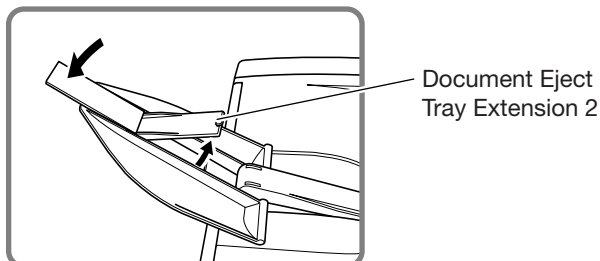Scanned documents will be ejected to the Document Eject Tray.
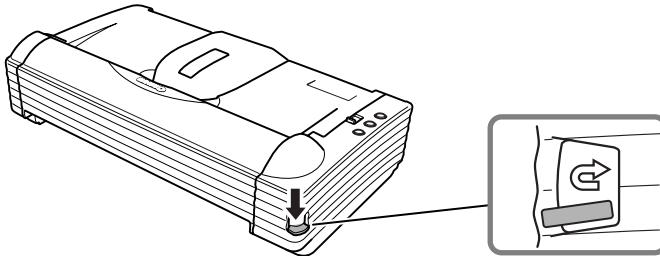
2 Pull the Document Eject Tray Extension towards you to open it.
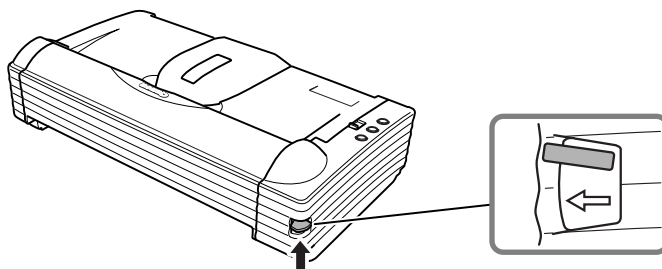

📇 IMPORTANT

- Be careful when opening the Document Eject Tray Extension. Forcing it open can damage it.
- Never try to raise the Document Eject Tray Extension more than necessary. Doing so can damage it.
- Do not place anything other than documents on the Document Eject Tray Extension. Doing so can damage it.
- Make sure the Document Eject Tray Extension is open when using the scanner. If the Document Eject Tray Extension is not opened, ejected documents can fall from the tray and become jammed in the scanner.
- If it appears that the document may fall from the Document Eject Tray Extension and become jammed in the scanner, open the Document Eject Tray Extension 2.

Document Eject Tray Extension 2

Using the Straight Path

1 Raise the Eject Selection Lever.

Scanned documents will be ejected to the back of the scanner.

📖 Note

When using the Straight Path, the ejected documents are stacked in reverse order to how they were fed.

👉 IMPORTANT

- Be sure there is enough space for documents that are ejected behind the scanner when using the Straight Path. If there is not enough space for ejected documents, the documents may be damaged or a paper jam may occur.
- Switch the position of the Eject Selection Lever before you start scanning. Changing the lever position while scanning is being performed can cause jamming.

Placing a Document for Scanning

There are two methods for paper separation, called the Page Separation mode and Bypass mode for feeding documents. Feeding documents continuously from a stack of documents placed in the feed tray is called the Page Separation mode. Feeding documents one sheet at a time by hand or feeding multiple sheet documents, such as invoices that are attached at one end, is called the Bypass mode. The document feed method can be switched by moving the Feed Selection Lever.

IMPORTANT

- When placing a document for scanning, be careful to remove all paper clips, staples, etc., from the document. During the scanning process, such objects can tear the document, cause a paper jam, and damage the scanner.
- Do not wear loose clothing or jewelry that may get caught in the scanner while you are operating it. If they get caught in the scanner it may cause an injury. Be extra careful of neckties and long hair. If anything gets caught in the scanner, quickly unplug the scanner to stop it.
- If the leading edge of the documents are curled, they may cause a paper jam. If the curls are large, straighten them out before scanning.

How to Feed with the Page Separation Mode

1 Move the feed selection lever to the page separation (⚬≡) side.
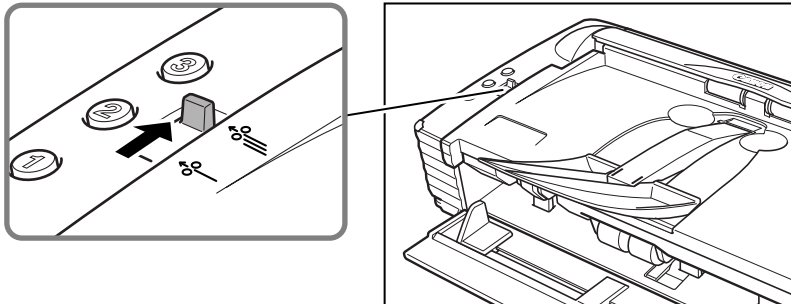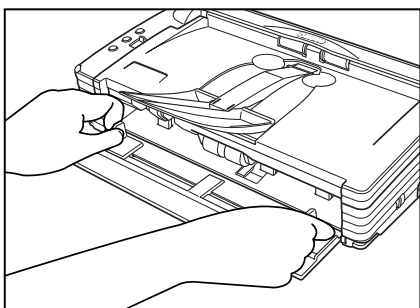
**2** Straighten the edges of the stack of documents to be scanned.
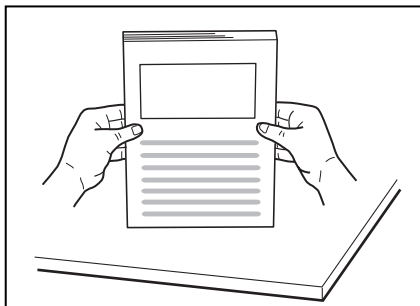
⚠ **CAUTION**

- **Do not place the documents on top of the scanner to align them. Doing so may cause a malfunction.**
- **Be careful when placing a document in the scanner. It is possible to cut your hand on the edge of a sheet of paper.**

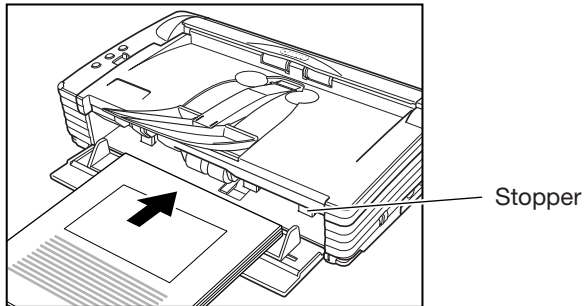**3** Set the Document Guides so they are wider than the document to be scanned.

📄 **IMPORTANT**

Do not hold the tips of the Document Guide Adaptors when moving them.
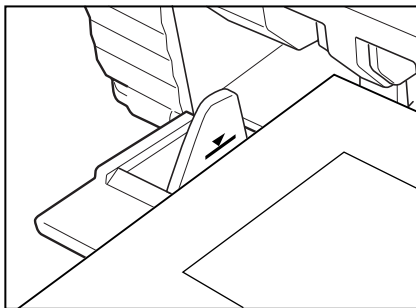Doing so can damage the Document Tray.
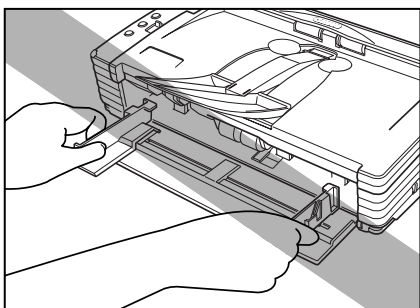
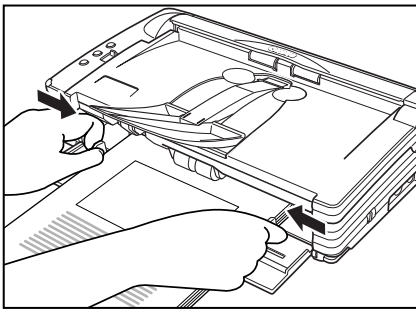**4** Place the documents face up into the feed tray, so that they touch the stoppers.

Stopper

🔲 IMPORTANT

There is a load limit mark (▼) on the Document Guides. Do not stack documents higher than this mark (approximately 50 sheets of 80g/m^2 paper. Doing so may cause a paper jam.

5 Adjust the Document Guides so they match the width of the document.

📄 Note

Before starting a scan, make sure that the document is loaded in the scanner correctly. Scanning a curled document or a creased document can damage the document.
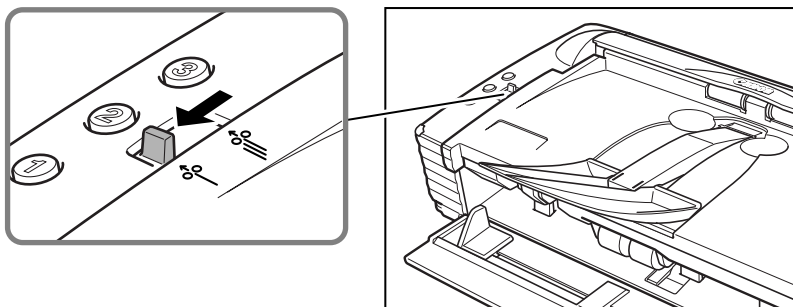
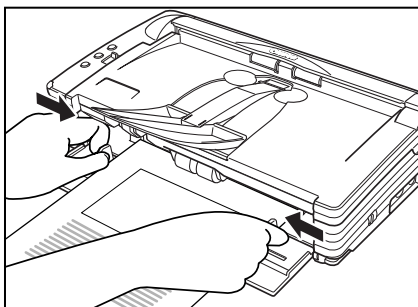**6** Start scanning from the application.

📖 **Note**

- If the paper feed operation stops due to a system error or a paper jam while the scanner is scanning, resolve the problem, make sure that the scanned image of the last page that was fed has been stored, and then resume the scanning operation.
- Note that documents that are printed on thin paper may fall out of the Document Eject Tray.
- After you finish scanning, close the Document Feed Tray and the Document Eject Tray Extension to prevent damage to the scanner while it is not being used.

How to Feed with the Bypass Mode

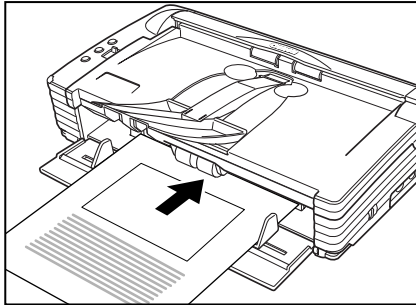**1** Move the Feed Selection Lever to the nonseparated document (⌖−) side.

2 Place the document into the Document Feed Tray one sheet at a time, so that it touches the stoppers, and adjust the position of the Document Guides.


3 Start scanning from the application.

4 The document is pushed against the document feed slot and is fed into the scanner.

IMPORTANT

- When scanning documents that are fastened together, such as invoices, set the edge that is fastened together as the leading edge.
- Note that when scanning with nonseparated feed, if you place several documents that are not fastened together on the feed tray at one time, they will be fed together.
- In particular, very thin or curled documents will not be fed very well. In this case, lightly press on the leading edge of the documents as you feed them.
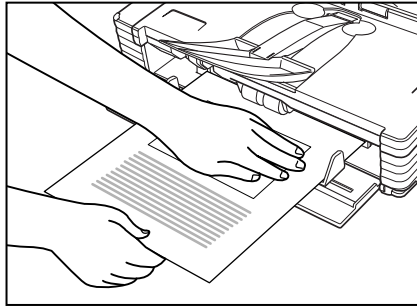
- After you finish scanning, close the Document Feed Tray and the Document Eject Tray Extension to prevent damage to the scanner while it is not being used.
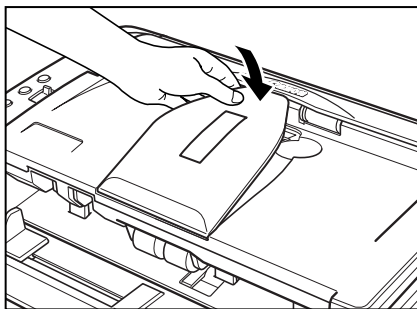
Clearing a Paper Jam

When paper jams occur during scanning, use the following procedure to clear them.

⚠ CAUTION

**Be careful when removing jammed paper. It is possible to cut your hand on the edge of a sheet of paper.**

1 Remove any documents that have been left in the eject tray.

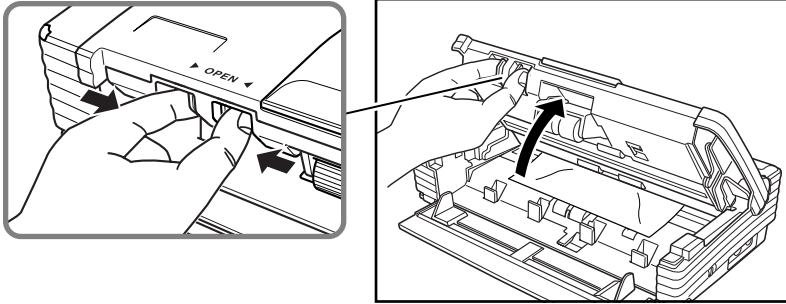**2** Close the Document Eject Tray Extension.

⚑ IMPORTANT

If document ejection is stopped part way, perform this operation with the Document Eject Tray Extention open. Attempting to force the Document Eject Tray Extension closed can crease the document.
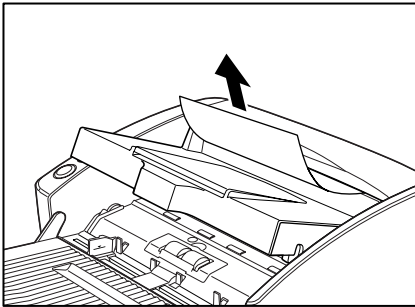
3 Press on both sides of the back cover to open it.
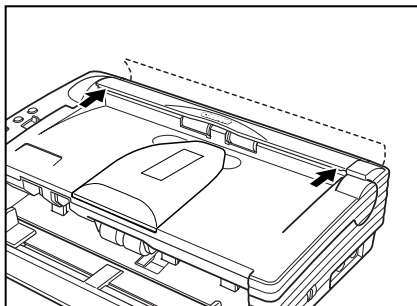
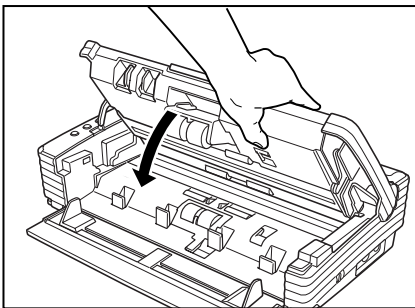**4** Pressing the OPEN Knob from both sides, raise the Upper Unit.

5 Remove the jammed document.

⚠️ **IMPORTANT**

Be sure to pull the document out carefully, without applying too much force. Should the document tear, be sure to remove any part remaining in the scanner.
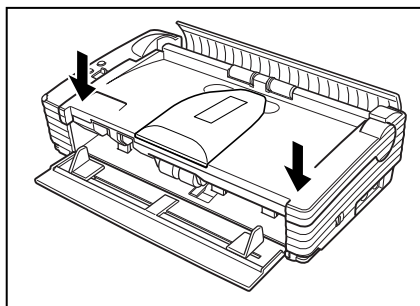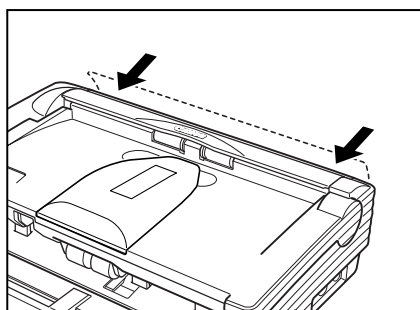
6 Close the Upper Unit slowly.

⚠️ **IMPORTANT**

Do not force the Upper Unit to close. Doing so may damage the scanner.

7 Be sure that the upper unit is completely closed by pushing on both edges with both hands until you hear a click.

8 Press on both sides of the back cover to close it.

IMPORTANT

Be sure to press on both sides of the upper unit and back cover to ensure that they are securely closed. Feeding errors will occur if only one side is closed.

Note

After removing the jammed paper, check to see if the last page was scanned, and then continue scanning.

Other Functions

This scanner also supports the scanning functions described below.

Job Function

Job Registration Tool can be used to assign a scan function to one of the scanner's Job buttons.

Placing a document on the scanner and pressing the applicable Job button will perform scanning in accordance with the parameters configured using Job Registration Tool.

The following functions can be assigned using Job Registration Tool for automatic processing of scanned images:
• Scan to Save: Saves the scanned image to a shared folder or other folder.
• Scan to Print: Sends the scanned image to a specific printer.
• Scan to E-Mail:Attaches the scanned image to an e-mail massage.

📖 Note

See Job Registration Tool help for details about how to use it. (See "Using Job Tools," on p. 38.)

Scan to Save
Saves to a specific folder.

Scan to Print
Sends to a printer.

Scan to E-Mail
Attaches to an e-mail message.

(Mail Server)

(Network)

DR-2580C
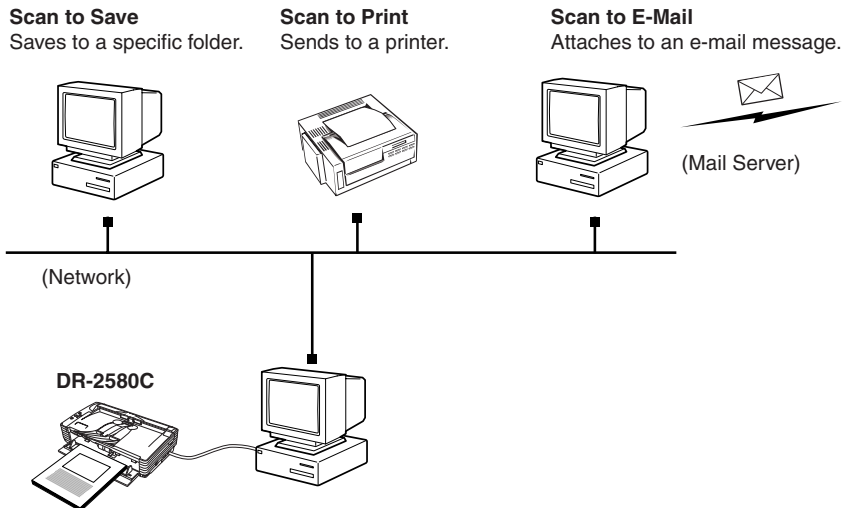
Scanning Folio (Folded Document)

The scanner uses a folio scanning method to scan documents that are bigger than A4 size (maximum A3 size). To do folio scanning, fold the document in half and place it on the scanner. Both sides of the folded document are scanned and combined into a single image.

(Front)   (Back)

(Combined Image)
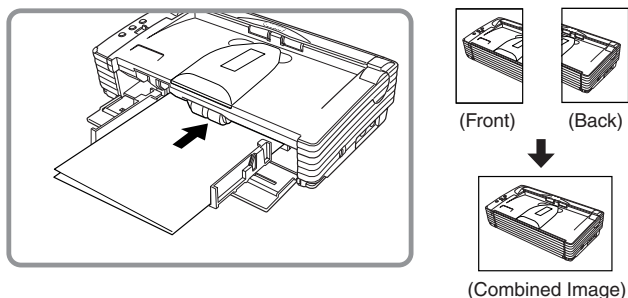
IMPORTANT
- Attach the Document Guide Adaptors to prevent documents from skewing when doing folio scan. (See p. 46.)
- Use nonseparated document scanning when doing folio scan.
- Firmly set the fold in the document. The fold in the document may cause paper jams or misaligned images.
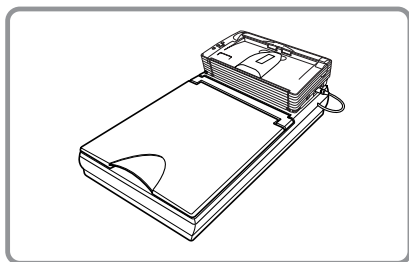
Note
- Folio scanning is set in the ISIS/TWAIN driver.
- The image on the front of the folded document appears as the left side of the image.
- Combined images can be a maximum of A3 size.
- A seam may appear where the images are combined if the document or the fold in the document is crooked.

Flatbed Scanner Unit (Option)

An optional flatbed scanner unit is available for the DR-2580C as an option. The flatbed scanner unit can be used to scan thick documents, books, and other originals that cannot pass through the feeder.

Note
The flatbed scanner unit cannot operate in a stand-alone configuration. Contact your local authrized Canon dealer or service representative for more detailed information.

Regular Maintenance

Clean the scanner on a regular basis as described below to maintain peak scanning quality.

⚠ CAUTION
- **When cleaning the scanner or inside of the scanner, turn OFF the power switch and unplug the Power Cord from the outlet.**
- **Do not use excessive force when removing or attaching the rollers. Doing so may damage them.**
- **Never use paint thinner, alcohol, or other organic solvents to clean the scanner. Such solvents can damage or discolor the exterior of the scanner. They also create a risk of fire or electrical shock.**

Cleaning the Scanner

To clean the exterior of the scanner, dampen a cloth with water or a mild detergent, wring the cloth out thoroughly, and then wipe the dirt away. Then use a dry, soft cloth to wipe away any moisture.
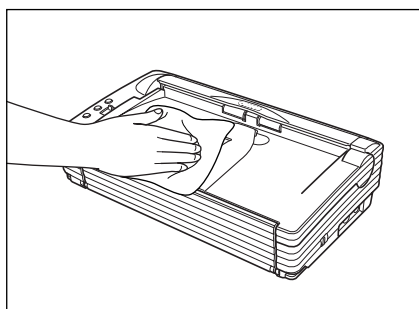

Cleaning Inside the Scanner

Dust or paper particles inside the scanner can cause lines in scanned images. Use a blower for regular cleaning of dust and paper particles from inside the scanner. After finishing a large scanning job, you should turn OFF the scanner and then clean any paper particles that are remaining.

## Cleaning the Sensor Glass, Shading Boards, and the Rollers

If scanned images have extraneous marks, or if the scanned documents are dirty, then the sensor glass or rollers inside the scanner may be dirty. Clean them periodically.

**1** Pressing the OPEN Knob from both sides, raise the Upper Unit.
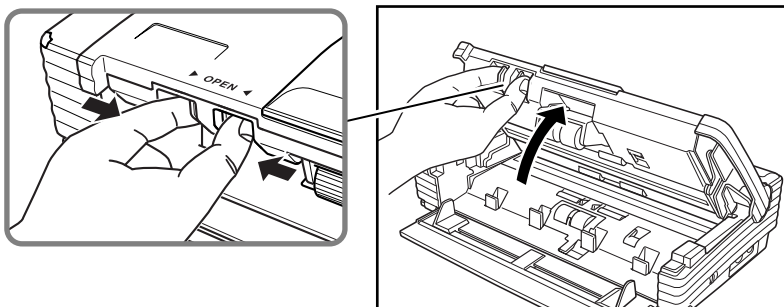
📖 **Note**

• The location of the sensor glass and various rollers are shown below.
• The scanner has white, 2mm wide shading boards located at the front and back of the upper and lower sensor glasses. The scanner uses the shading boards to determine white standards during scanning. Dirty shading boards can cause stripes in scanned images. Periodically clean them to ensure good scanning results.
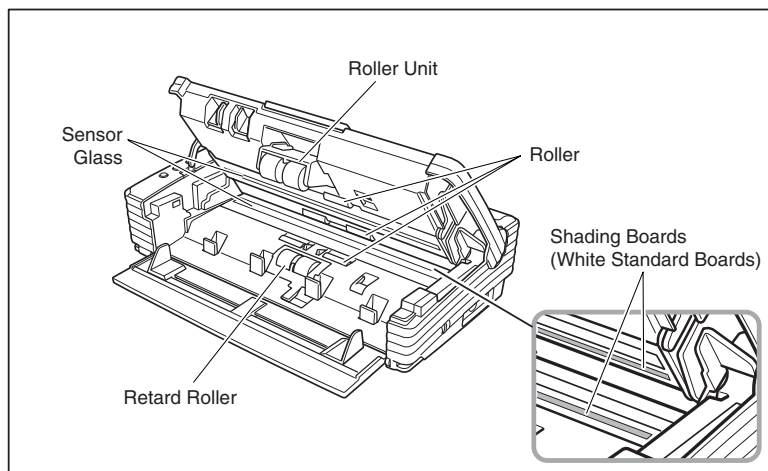
2 Use a blower to keep the interior of the scanner free of dust and paper particles.

3 Use a clean dry cloth to wipe dirt off the sensor glass.
Wipe both the top and bottom sensor glasses.
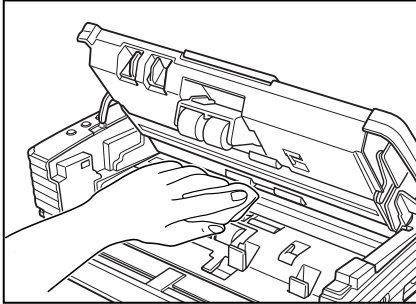
⚠ **CAUTION**
Do not use spray type cleaners to clean the scanner. Precision mechanisms, such as the light source, may get wet which will cause a malfunction.

📧 **IMPORTANT**
Scratches on the sensor glass may cause marks on the images and could cause feeding errors. If there are scratches on the sensor glass, contact your local authorized Canon dealer or service representative.

4 Use a commercially available cotton swab to clean off any dirt from the shading boards at the front and back of the sensor glasses.

📧 **IMPORTANT**
Wipe both the top and bottom shading boards.

5 Wipe the rollers with a firmly wrung cloth moistened with water.

📧 **IMPORTANT**
- Do not use detergent to clean the rollers, since any detergent on the rollers could cause a feeding error.
- If you cannot freely rotate the rollers, do not force them to rotate. Just clean the part that you can see. Forcing the rollers to rotate may cause a feeding error.
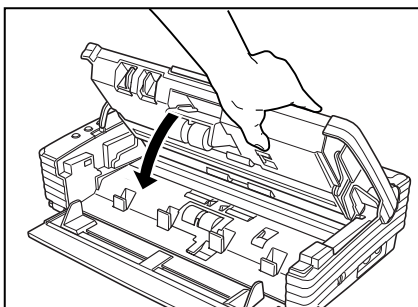
6 Remove the roller unit and retard roller. (See "Removing and Attaching the Roller Unit," on p. 67.)

7 Wipe the removed rollers with a firmly wrung cloth moistened with water.
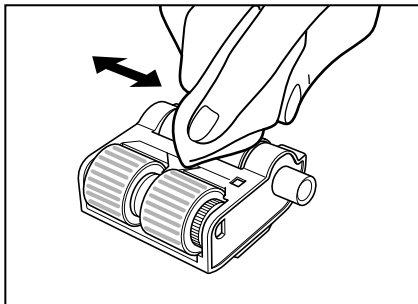
8 Attach the rollers that were removed. (See "Removing and Attaching the Roller Unit," on p. 67.)
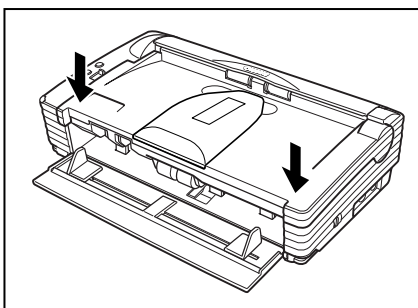
9 Close the Upper Unit slowly.

IMPORTANT

Do not force the Upper Unit to close. Doing so may damage the scanner.

10 Be sure that the Upper Unit is completely closed by pushing on both edges with both hands until you hear a click.

Removing and Attaching the Rollers

Follow the relevant procedure to remove and attach the roller unit and retard roller when you clean or replace them.

📱 **IMPORTANT**

Feed rollers are consumable parts. When the rollers start to wear out, paper jams and misfeeds may occur more often. When this happens, buy a exchange roller kit, and replace the roller unit and the retard roller.

⚠️ **CAUTION**

Do not use excessive force when removing or attaching the rollers. Doing so may damage them.

Roller Replacement Cycle

When the number of pages scanned exceeds 100,000, a roller replacement message will appear when the computer is started. Buy a exchange roller kit, and replace the roller unit and the retard roller.

📱 **IMPORTANT**

• If misfeeds happen often, check the rollers for wear, and replace them if necessary before the message is displayed.
• Be sure to reset the counter after replacing the rollers. (See "Resetting the Counter," on p. 65.)
• Contact your local authrized Canon dealer or service representative for information about the exchange roller kit (roller unit and retard roller).

Resetting the Counter

After replacing the feed rollers, reset the counter according to the following procedure.

1 Click the [Start] button, point to [Settings], and then click [Control Panel].
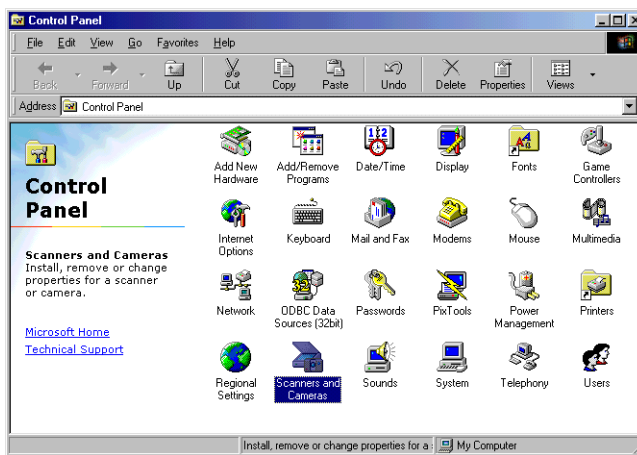
📖 **Note**

If you are using Windows XP, on the Start menu, click [Control Panel].
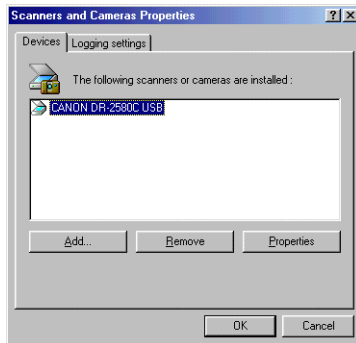

The [Control Panel] window is displayed.

2 Double-click the [Scanners and Cameras] icon.

The [Scanners and Cameras Properties] dialog box is displayed.

3 Click on [Properties] for the scanner you are using.

4 Click the [Counter] tab.

5 Press the [Reset] button, and then make sure that the counter for the roller being used is set to 0.

Removing and Attaching the Roller Unit

Follow the procedure below to remove and attach the roller unit for cleaning or replacement.

📖 Note

When attaching the Roller Unit during installation, operate the roller fastening lever according to the removal procedure and then attach the Roller Unit.
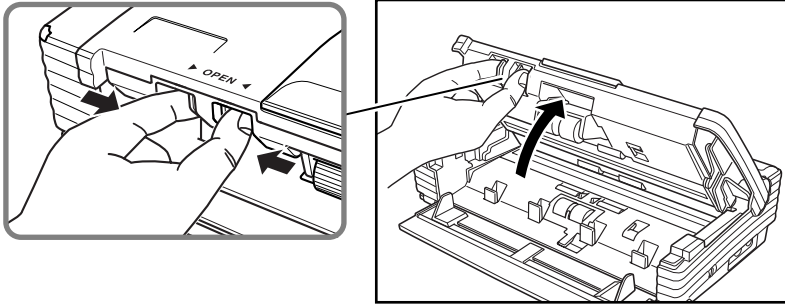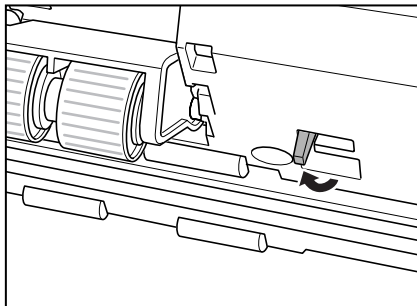
⚠️ CAUTION

Do not use excessive force when removing or attaching the rollers. Doing so may damage them.
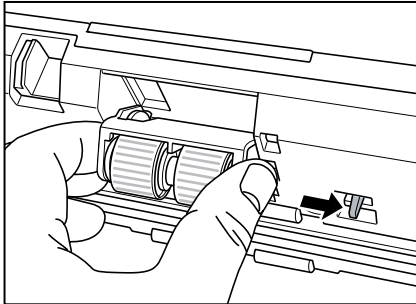
Removing the Roller Unit

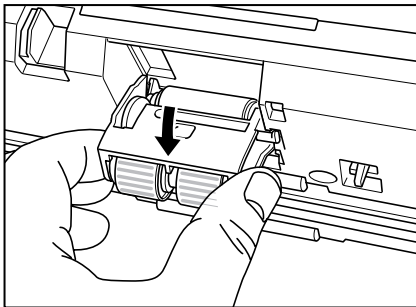***1*** Pressing the OPEN Knob from both sides, raise the Upper Unit.

2 Move the roller lock lever towards you.

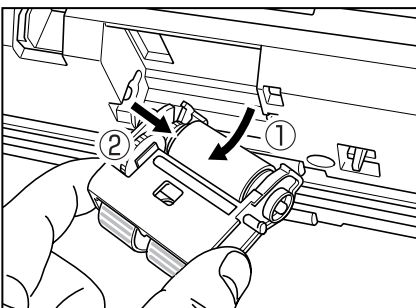**3** Supporting the roller unit with your hand, slide the roller lock lever to the right.

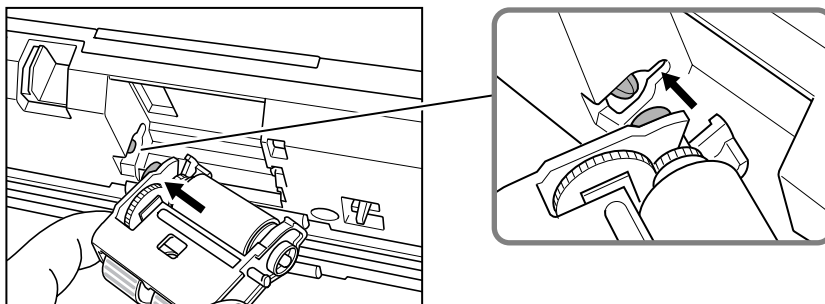**4** Lower the roller unit.

5 First detach the right side of the roller unit (①), and then remove the roller unit (②).
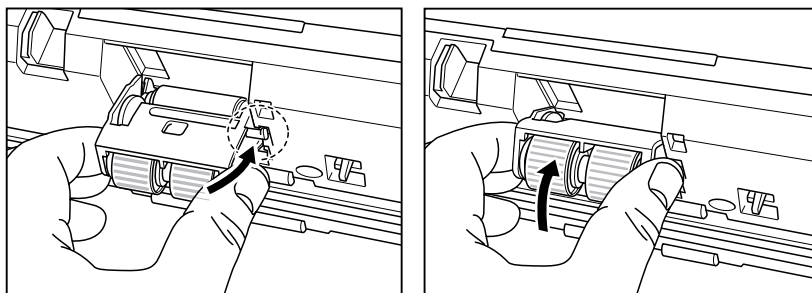
Attaching the Roller Unit

1 Set the roller unit onto the scanner's shaft.

2 Insert the protrusion of the roller unit into the groove in the scanner, and then lift the roller unit.

3 Slide the roller lock lever to the left.
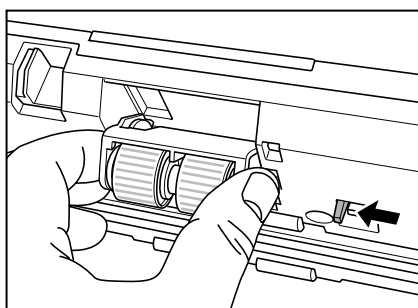
4 Push the roller lock lever towards the back of the scanner to lock the roller unit in place.
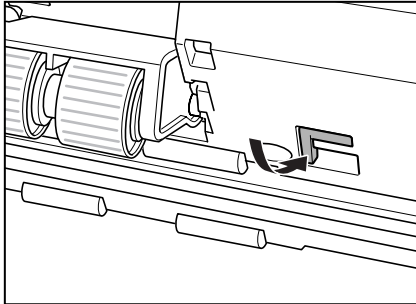
5 Close the Upper Unit slowly.

IMPORTANT

Do not force the Upper Unit to close. Doing so may damage the scanner.

6 Be sure that the Upper Unit is completely closed by pushing on both edges with both hands until you hear a click.

Removing and Attaching the Retard Roller

Follow the procedure below to remove and attach the retard roller for cleaning or replacement.

📖 Note

When attaching the Retard Roller during installation, operate the roller fastening lever according to the removal procedure and then attach the Roller Unit.
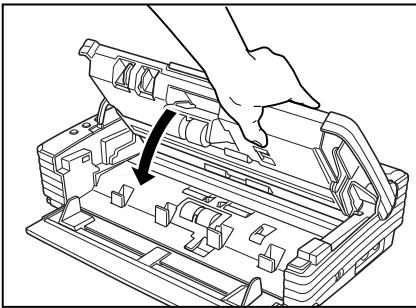
⚠ CAUTION

Do not use excessive force when removing or attaching the rollers. Doing so may damage them.

Removing the Retard Roller

1 Pressing the OPEN Knob from both sides, raise the Upper Unit.
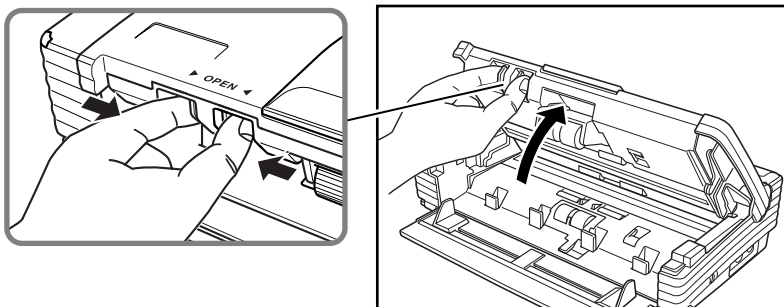
2 Remove the roller cover.
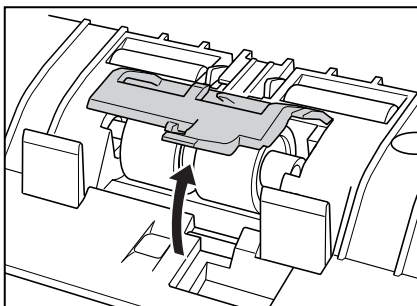
3 Move the roller lock lever upward (①), and then slide it to the right (②).
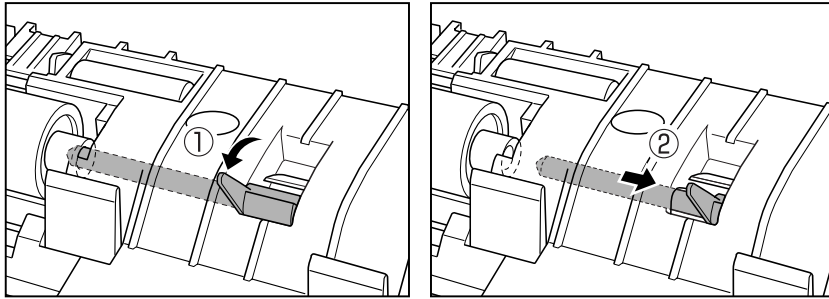
4 Shift the retard roller to the right to remove it.
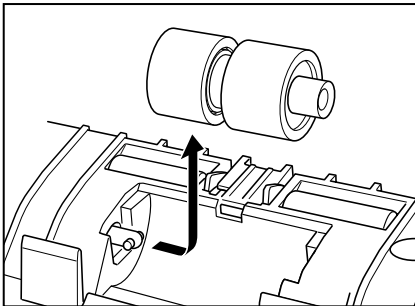
Attaching the Retard Roller

1 Position the retard roller so the notch in the roller is facing the scanner's shaft.
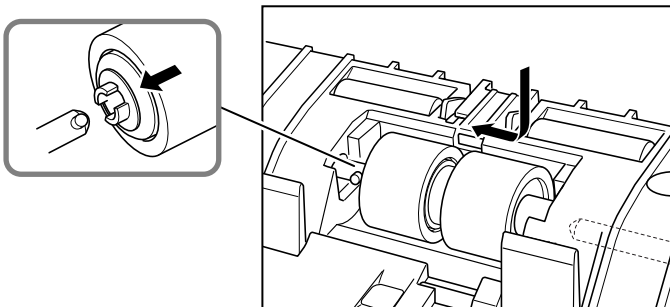
2 Slide the roller lock lever to the left, and insert it into the retard roller hole.
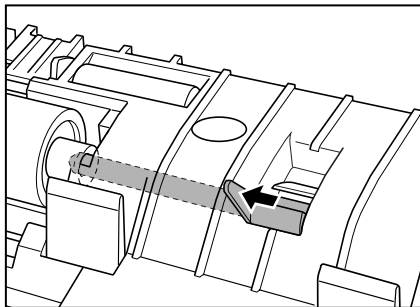
3 Push the roller lock lever towards the back of the scanner to lock the retard roller in place.
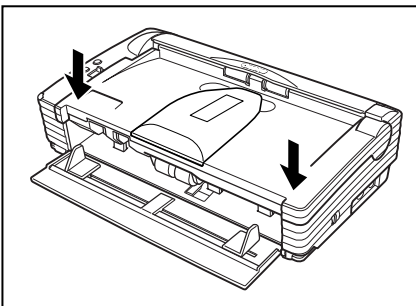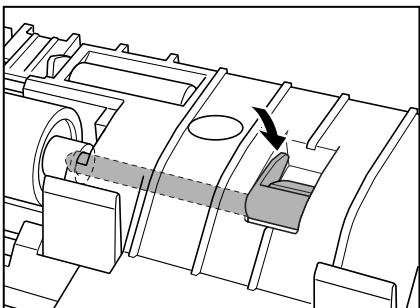

4 Attach the roller cover.
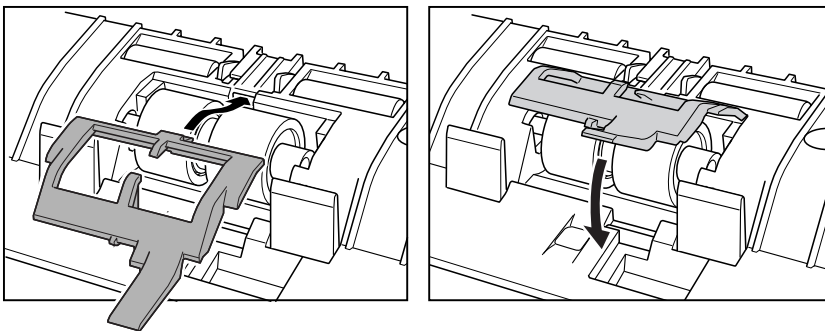
5 Close the Upper Unit slowly.
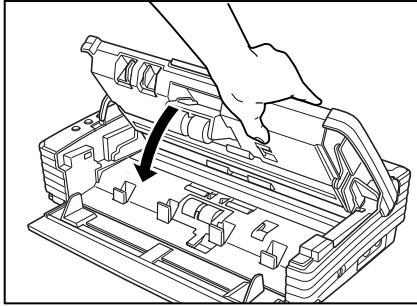
📇 **IMPORTANT**

Do not force the Upper Unit to close. Doing so may damage the scanner.

6 Be sure that the Upper Unit is completely closed by pushing on both edges with both hands until you hear a click.
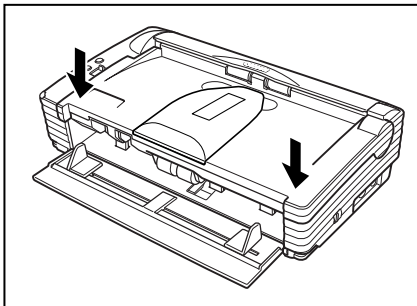
Troubleshooting

This section describes common problems that may occur while you are using the scanner, and how to resolve them.

Refer to the troubleshooting section related to the problem that you have encountered.

If after consulting the above section you still cannot resolve the problem, contact your local authorized Canon dealer or your service representative.

The Scanner Does Not Turn ON

Check the following:

- Is the power switch in the ON position? (See p. 23.)
- Is the Power Cord plugged into an outlet? (See p. 21.)

The PC Does Not Recognize the Scanner

The following are possible causes of the PC failing to recognize the scanner. Check each possible cause.

Cause	The scanner is not connected correctly.
Remedy	Check the USB cable connections between the scanner and the PC. (See p. 22.)
Cause	The USB 2.0 interface card is not inserted in the PC correctly.
Remedy	Reseat the USB 2.0 interface card in the PC correctly, referring to the instruction manual for the USB 2.0 interface card. Also, confirm whether the USB interface card is recognized by the operating system you are using.
Cause	The scanner is not ON.
Remedy	Refer to "The Scanner Does Not Turn On," on p. 75 and make sure that the scanner is turned ON. If the scanner is not turned ON, turn it ON. (See p. 23.)
Cause	The USB 2.0 interface card does not support the scanner.
Remedy	Use the recommended USB 2.0 interface card. (See p. 20.)
Cause	The scanner does not support the USB cable.
Remedy	Use the USB cable provided with the scanner. (See p. 22.)
Cause	The scanner does not support the USB HUB.
Remedy	Remove the USB HUB to use the scanner. (See p. 22.)

Scanning Is Slow

The following problems might cause the scanner to be slow. Try the solutions according to the problem.

Cause	The USB 2.0 interface card does not support Hi-Speed 2.0.
Remedy	Use the recommended USB 2.0 interface card. (See p. 20.)
Cause	The USB 2.0 interface cable does not support Hi-Speed 2.0.
Remedy	Use the USB cable provided with the scanner. (See p. 22.)
Cause	The USB HUB does not support Hi-Speed 2.0.
Remedy	Remove the HUB or replace it with one that supports HI-Speed 2.0. (See p. 22.)

Images Are Not Scanned

Check the following if the scanner does not scan an image even though the scanning operation is being performed:

- Is the scanner correctly connected to the PC?
- Has the scanner driver been installed?
- Has the application software been installed correctly? Has the application software been set up correctly?
- Is there a problem in the PC system?
- Is the flatbed scanner unit (option) correctly attached?

📝 **Note**

- When system errors result in the scanner not functioning at all, turn OFF the scanner and wait at least ten seconds before turning it back ON.
- Make sure that the last document scanned was scanned correctly when scanning continues.
- When using the flatbed scanner unit (option), make sure that the flatbed scanner unit is correctly attached to the DR-2580C before scanning. Scanning cannot be done if the flatbed scanner unit is not correctly attached to the DR-2580C.

Documents Do Not Feed Properly

The following are possible causes of a document failing to feed properly. Check each possible cause.

Cause	Attempting to scan a document of a size, thickness, or weight that the scanner cannot scan.
Remedy	Check the size, thickness, and weight of the document. For precautions concerning documents, see "Documents," on p. 43.
Cause	The rollers inside the scanner are dirty or worn.
Remedy	Refer to page 61 and clean the rollers. If the rollers are worn, then they need to be replaced. Contact your local authorized Canon dealer or service representative to purchase a roller replacement kit.

For details on how to clear jammed paper, see "Clearing a Paper Jam," on p. 55.

Resulting Scanned Images Are Not Correct

If the resulting scanned images are not crisp, if there are lines or spots on the images, or if there is some other problem with scanned images, likely causes are listed below. Check each item and take the appropriate action.

Cause	The sensor glass or the rollers inside the scanner are dirty.
Remedy	Clean the sensor glass and rollers as described on p. 61.

Cause	The scanner's internal platen glass is scratched.
Remedy	Contact your local authorized Canon dealer or service representative.

Cause	The application software is not set up properly for scanning.
Remedy	Check the scanning related settings, such as brightness in the application software.
	For example, if the document cannot be scanned at all, it is possible that the brightness setting is too high. If the resulting scanned images are too dark, it is possible that the brightness setting is too low.

Cause	The scanner driver or application software is not running normally.
Remedy	If the software is set properly for scanning and scanning is still not possible, it is possible that the scanner driver or the application software is not running normally. Reinstall the scanning driver or the application software. For details on how to install the scanner driver, see "Installing the ISIS/TWAIN Driver," on p. 28. For details on how to install the application software, refer to the application software instruction manual.

Cause	Attempting to use a function of the DR-2580C that is not supported by the application software.
Remedy	Some application software may not support certain functions, such as automatically detecting the paper size or changing the scanning mode/resolution through the scan panel. Using such application software for scanning may yield abnormal scanning results. Try scanning without using functions such as automatic paper size detection or margins settings.

If problems with the scanned images persist even after trying these solutions, then contact your local authorized Canon dealer or service representative.

The Flatbed Scanner (Option) Does Not Work

Operational failure of the optional flatbed scanner unit can be caused by any of the reasons described below. Try the solution according to the problem.

Cause	The ISIS/TWAIN scanner is set to something other than Flatbed.
Remedy	Set the ISIS/TWAIN driver to Flatbed. Refer to Help for the ISIS/TWAIN Driver for information about the ISIS/TWAIN Driver settings.
Cause	The interface connector is not connected.
Remedy	Check the connections between the DR-2580C and the flatbed scanner unit.
Cause	The DR-2580C is not installed correctly.
Remedy	Check the document size, thickness, and paper type. Remove the DR-2580C scanner and then reinstall it correctly.
Cause	The hook is not correctly attached to the DR-2580C.
Remedy	Remove the DR-2580C scanner and then reinstall it correctly.
Cause	The DR-2580C scanner was installed without removing the transport locks.
Remedy	Remove the DR-2580C scanner and remove the transport locks.

For information about removing the flatbed scanner unit, see the manual that comes with it.

Specifications

Type	Desktop sheetfed scanner

Scanning Document Specifications

Width:	53 mm to 216 mm
Length:	70 mm to 355.5 mm

Weight: Using the U-Turn Path

(separated documents)	52 to 128 g/m^2	(0.06 mm to 0.15 mm)
(nonseparated documents)	42 to 157 g/m^2	(0.05 mm to 0.2 mm)

Weight: Using the Straight Path

(separated documents)	42 to 157 g/m^2	(0.05 mm to 0.2 mm)
(nonseparated documents)	42 to 157 g/m^2	(0.05 mm to 0.2 mm)

Business cards are supported (excluding embossed cards).

Size:	53.9 mm x 85.5 mm
Thickness:	0.76 ± 0.08 mm

Document Feeding Method	Automatic/Manual
Scanning Method	Contact image sensor
Light Source	LED
Scanning Side	Simplex/Duplex/flatbed (option)
Scanning Modes	Black and white, Advanced text enhancement, Error diffusion, 256-level grayscale, 24 bit color
Scanning Resolution (Primary Scan Lines x Secondary Scan Lines)	100 x 100 dpi, 150 x 150 dpi, 200 x 200 dpi 240 x 240 dpi, 300 x 300 dpi, 400 x 400 dpi 600 x 600 dpi

Scanning Speed

			A4
Black and White	Simplex		
		200 x 200 dpi	25 pages/minute
		300 x300 dpi	25 pages/minute
		600 x 600 dpi	6 pages/minute
	Duplex		
		200 x 200 dpi	50 images/minute
		300 x 300 dpi	50 images/minute
		600 x 600 dpi	12 images/minute
256-level Gray	Simplex		
		200 x 200 dpi	25 pages/minute
		300 x 300 dpi	25 pages/minute
		600 x 600 dpi	6 pages/minute
	Duplex		
		200 x 200 dpi	50 images/minute
		300 x 300 dpi	50 images/minute
		600 x 600 dpi	12 images/minute

24-bit Color	Simplex		
	200 x 200 dpi	13 pages/minute	
	300 x 300 dpi	8 pages/minute	
	600 x 600 dpi	2 pages/minute	
	Duplex		
	200 x 200 dpi	26 images/minute	
	300 x 300 dpi	16 images/minute	
	600 x 600 dpi	4 images/minute	

Amount of paper that can be stacked in automatic feeder	5 mm stack, maximum (50 sheets of 80 g/m^2)
Interface	Hi-Speed USB 2.0
Other Functions	Blank page skip, job function, folio scan
Dimensions (with trays close)	81 mm x 302mm x 171 mm (W x D x H)
Dimensions (with trays open)	136 mm x 302 mm x 267 mm (W x D x H)
Weight	Approximately 1.9 kg 5.7 kg with flatbed scanner unit
Power Supply	DC 16 V 1.4 A
Power Consumption	Scanning: 19 W maximum 27 W maximum (with Flatbed Scanner Unit) Standby: 6 W Power SW OFF: 0.5 W
Noise	Not more than 66 dB
Operating Environment	Temperature: 10˚ C to 32.5˚ C Humidity: 20 % to 80 % RH

AC Adaptor (100 - 240V)

Model	MG1-3607
Input	AC 100-240 V 50/60 Hz 0.65-0.34 A
Output	DC 16 V 1.8 A
Power Supply	0.5 W max. (separate AC adaptor)
Weight	Approximately 0.3 kg (including Power Cord)

Options

Flatbed Scanner Unit (Model: 0106B001)
Flatbed Scanner Unit for the DR-2580C scanner.

Bar code module (product code: 0434B003)
Additional software to allow the ISIS/TWAIN driver to recognize bar codes.
- Contact your local authorizde Canon dealer or service representative for detailed information about the options.
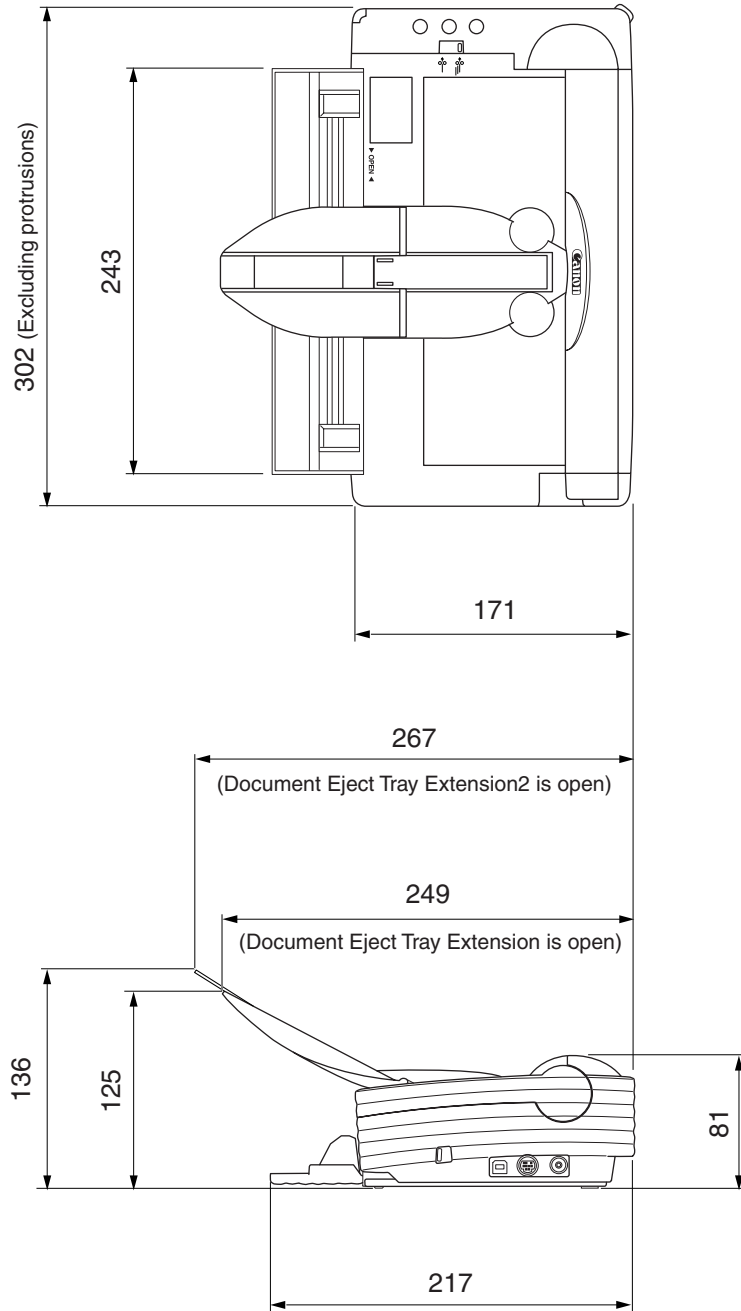
Replacement Parts

Roller replacement kit (product code: 0106B002)
Kit to replace the feed rollers (roller unit and retard roller).

- Refer to "Removing and Attaching the Rollers," on p. 65 for information about replacing the rollers.
- Contact your local authorized Canon dealer or service representative for detailed information about the replacement parts.

External Dimensions

Units: millimeters

302 (Excluding protrusions)

243

171

267

(Document Eject Tray Extension2 is open)

249

(Document Eject Tray Extension is open)

136

125

81

217

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