Canon

GM2000 series

Online Manual

English

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Using Online Manual

- Operating Environment
- Symbols Used in This Document
- Touch-enabled Device Users (Windows)
- Printing Online Manual
- Trademarks and Licenses
- Screenshots in This Manual

Symbols Used in This Document

Warning

Instructions that, if ignored, could result in death, serious personal injury, or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Caution

Instructions that, if ignored, could result in personal injury or property damage caused by incorrect operation of the equipment. These must be observed for safe operation.

Important

Instructions including important information that must be observed to avoid damage and injury or improper use of the product. Be sure to read these instructions.

Note

Instructions including notes for operation and additional explanations.

Basics

Instructions explaining basic operations of your product.

Note

- Icons may vary depending on your product.

Touch-enabled Device Users (Windows)

For touch actions, you need to replace "right-click" in this document with the action set on the operating system. For example, if the action is set to "press and hold" on your operating system, replace "right-click" with "press and hold."

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Note

- The formal name of Windows Vista is Microsoft Windows Vista operating system.

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2006-Jan-27

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o freetype-devel@nongnu.org

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Our home page can be found at

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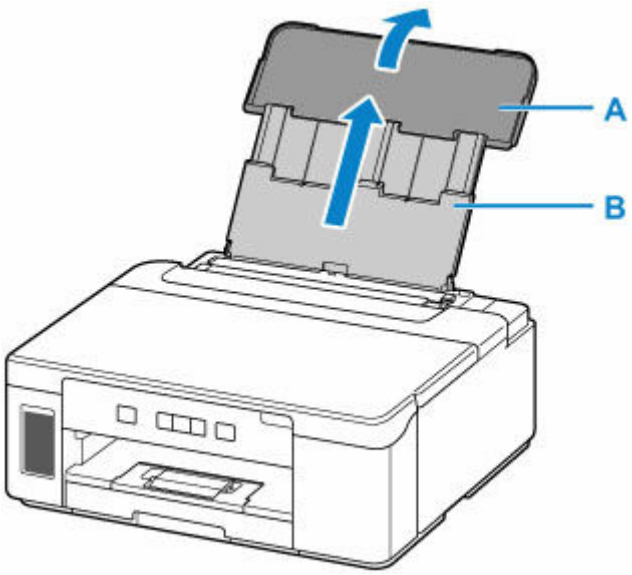
Basic Operation

- Printing Documents from Your Computer

Printing Documents from Your Computer

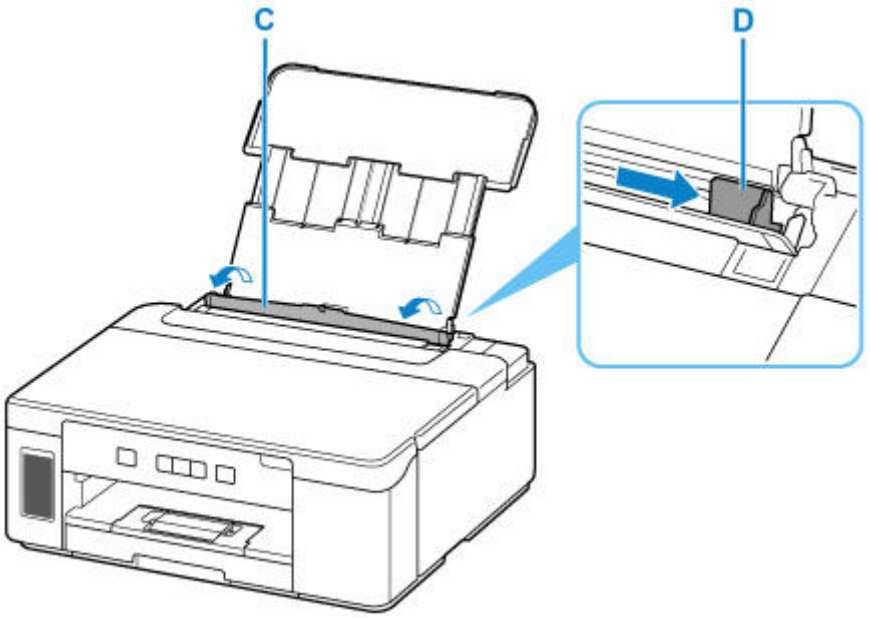
This section describes how to print documents and images from a computer.

1. Open rear tray cover (A). Pull straight up and fold back paper support (B).

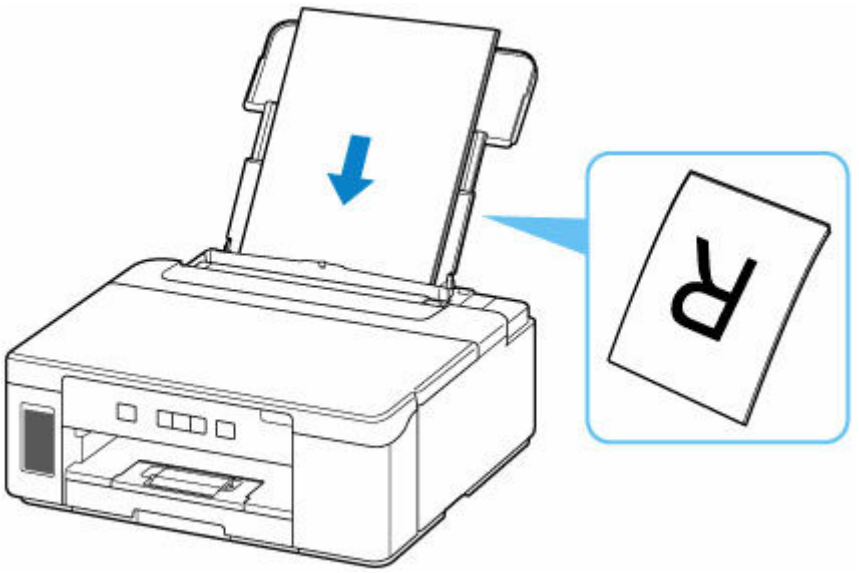


2. Open the feed slot cover (C).

3. Slide right paper guide (D) to open both paper guides.

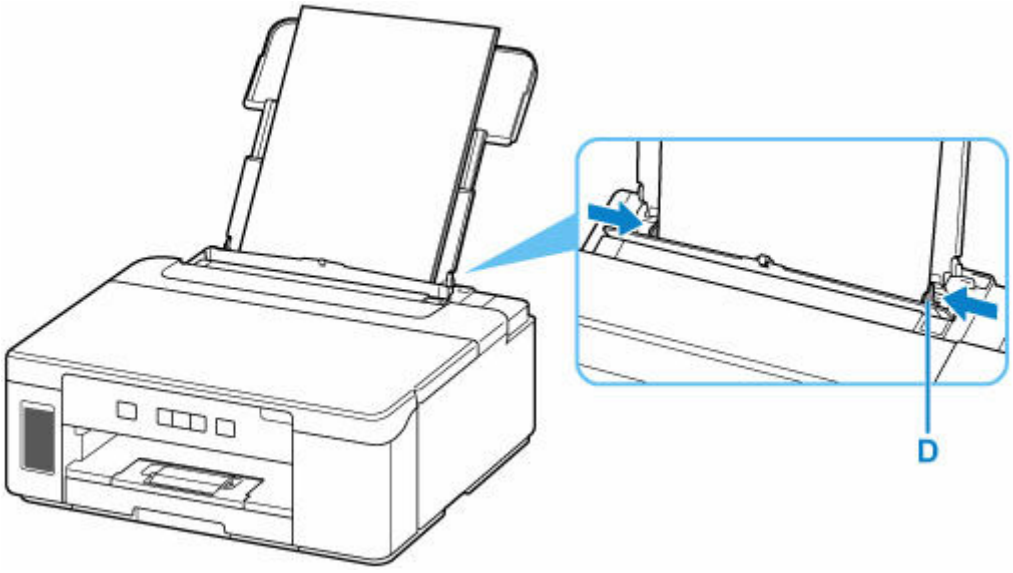


4. Load paper stack in portrait orientation WITH PRINT SIDE FACING UP.



5. Slide right paper guide (D) to align with both sides of paper stack.

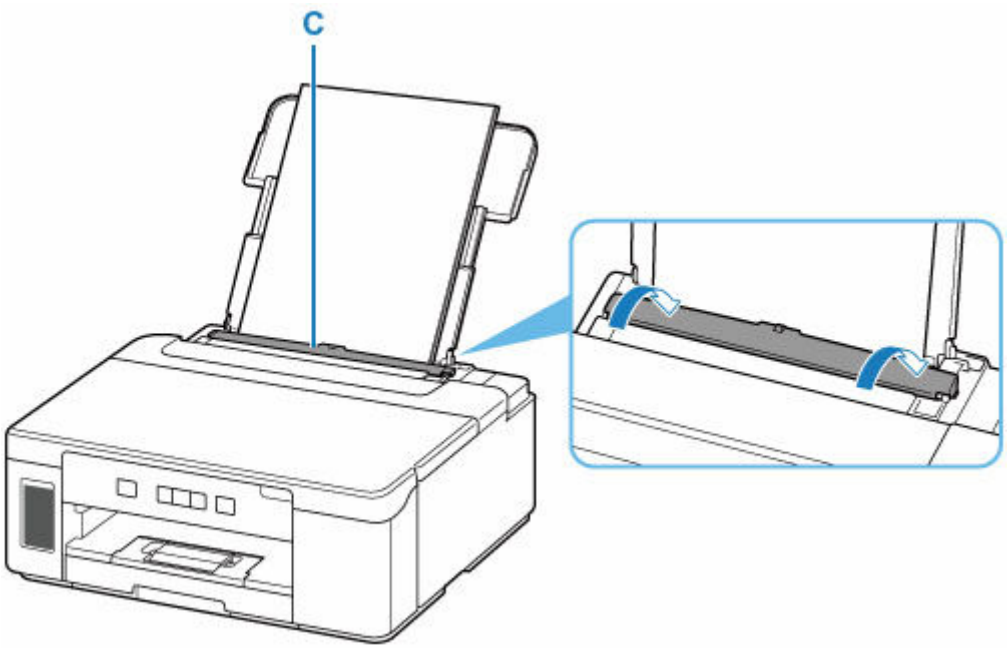
Do not slide the paper guides too hard against the paper. The paper may not be fed properly.



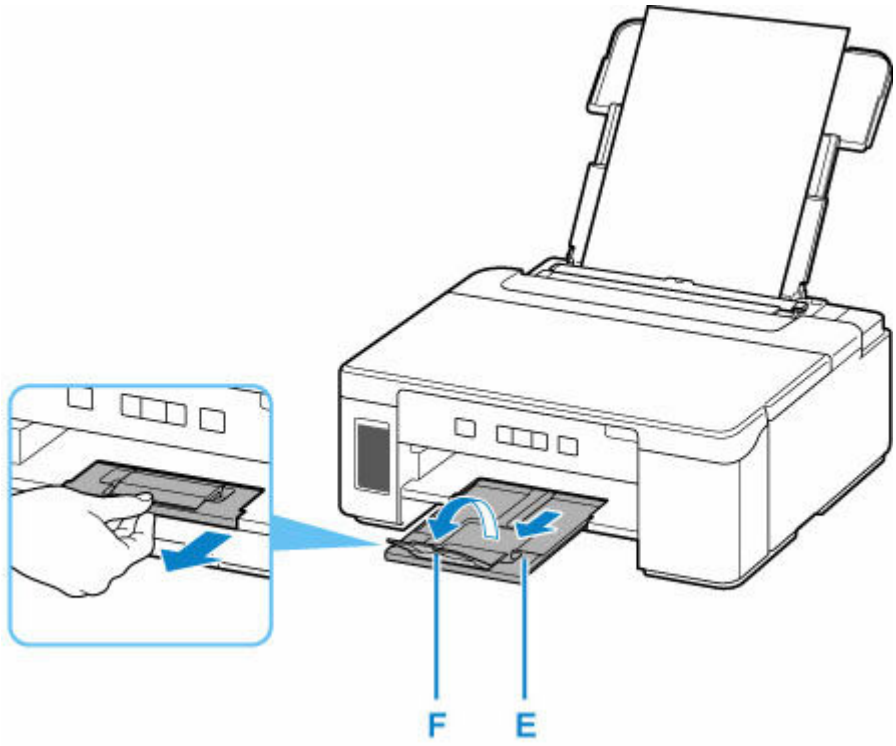
6. Close feed slot cover (C) gently.

Important

- If the feed slot cover is open, paper cannot be fed. Be sure to close the feed slot cover.



7. Pull out paper output tray (E) and open output tray extension (F).



8. On your computer, open documents or images you want to print.

   Application software associated with documents and images starts up.

9. Select **Print** from the application software menu.

10. Set paper size, paper type, etc. according to the loaded paper.

Depending on your application software, print settings may differ. For details, refer to the help and manual of your application software.

11. Start printing.

Network

Available Connection Methods

The following connection methods are available on the printer.

- **Wireless Connection**

  Connect the printer and devices (e.g. computer/smartphone/tablet) using a wireless router.

  If you have a wireless router, we recommend you use one for wireless connection.

  - Connection methods vary depending on the wireless router type.
  - You can change network settings such as the network name (SSID) and security protocol on the printer.
  - When the connection between a device and a wireless router is completed and (Wi-Fi icon) is displayed in the device's screen, you can connect the device to the printer using the wireless router.

- **Wireless Direct**

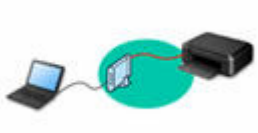
  Connect the printer and devices (e.g. computer/smartphone/tablet) without using a wireless router.

  - While you are using the printer with Wireless Direct, Internet connection from the printer becomes unavailable. In that case, web services for the printer cannot be used.
  - If you connect a device connected to the Internet via a wireless router to the printer that is in the Wireless Direct, the connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. Transmission fees for connecting to the Internet using a mobile data connection apply.
  - In the Wireless Direct, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear. If an error appears, disconnect a device you do not use and configure settings again.
  - Network settings such as the network name (SSID) and security protocol are specified automatically.

- **Wired Connection**

  Connect the printer and hub/router using a LAN cable. Prepare a LAN cable.

Note

- You can connect the printer and computer using a USB cable (USB connection). Prepare a USB cable. For details, see Connects to Another Computer via LAN/Changes from USB to LAN Connection.

Network Connection Settings/Setup

Perform connection setup for the printer and computer/smartphone/tablet.

For more on setup procedure, click here.

Changing Network Settings

See below for changing connection settings for the printer and computer/smartphone/tablet.

- To change network connection method:
  - ➡ Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
  - ➡ Changing the Connection Mode
- To add computer/smartphone/tablet to the printer:
  - ➡ Connects to Another Computer via LAN/Changes from USB to LAN Connection
- To use Wireless Direct temporarily:
  - ➡ Printing with Wireless Direct

IJ Network Device Setup Utility

IJ Network Device Setup Utility checks or diagnoses the settings of the printer and those of computer and restores the status of them if anything is wrong with network connection. Select either link below to download IJ Network Device Setup Utility.

➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

- Performing/Changing Network Settings

  You can perform network settings using IJ Network Device Setup Utility.

  - ➡ IJ Network Device Setup Utility
- Diagnosing and Repairing Network Settings

  You can diagnose or repair network settings using IJ Network Device Setup Utility.

  - ➡ IJ Network Device Setup Utility

Network Connection Tips

See below for tips on using the printer via network connection.

➡ Network Connection Tips
➡ Handling Printer Configuration using the Web Browser
➡ Countermeasures against Unauthorized Access

Troubleshooting

See Network Settings and Common Problems for troubleshooting on network connection.

Notice/Restriction

See below for details.

- Restrictions on network settings:

➡ Restrictions

- Notices when printing using web service:
  ➡ Notice for Web Service Printing

Restrictions

When connecting another device while a device (such as a computer) is already connected to the printer, connect it using the same connection method as the connected device.
If you connect using a different connection method, the connection to the device in use will be disabled.

Connection Using a Wired Network cannot be performed on printers that do not support a wired connection.

Connect via wireless router

- You cannot establish a printer with wireless and wired connections at the same time.
- Make sure your device and the wireless router are connected. For details on checking these settings, see the manual supplied with the wireless router or contact its manufacturer.
  As for a device already connected to the printer without using a wireless router, reconnect it via a wireless router.
- Configuration, router functions, setup procedures and security settings of wireless routers vary depending on the system environment. For details, see the manual for your wireless router or contact its manufacturer.
- This printer does not support IEEE802.11ac, IEEE802.11a, or IEEE802.11n (5 GHz). Check if your device supports IEEE802.11n (2.4 GHz), IEEE802.11g or IEEE802.11b.
- If your device is set to the "IEEE802.11n only" mode, WEP or TKIP cannot be used as a security protocol. Change the security protocol for your device to something other than WEP and TKIP or change the setting to something other than "IEEE802.11n only."
  The connection between your device and the wireless router will be temporarily disabled while the setting is changed. Do not proceed to the next screen of this guide until setup is complete.
- For office use, consult your network administrator.
- Note that if you connect to a network with no security protection, your personal information could be disclosed to a third party.

Wireless Direct (Access Point Mode)

Important

- If a device is connected to the Internet via a wireless router, and you then connect it to a printer in Wireless Direct mode, the existing connection between the device and wireless router will be disabled. In that case, the connection of the device may switch to a mobile data connection automatically depending on your device. When you connect to the Internet using a mobile data connection, charges may apply depending on your contract.
  - When you connect a device and the printer using Wireless Direct, the connection information will be saved to Wi-Fi settings. The device may be connected to the printer automatically even after disconnecting it or connecting it to another wireless router.
  - To prevent automatic connection to the printer in Wireless Direct mode, change the connection mode after using the printer, or set not to connect automatically in the Wi-Fi settings of the device.
    For details on changing the settings of your device, see the manual supplied with the device or contact its manufacturer.

- If you connect a device and the printer using Wireless Direct, Internet connection may become unavailable depending on your environment. In that case, web services for the printer cannot be used.
- In Wireless Direct mode, you can connect up to five devices at the same time. If you try to connect a sixth device while five devices are already connected, an error will appear.
  If an error appears, disconnect a device that does not use the printer, then configure settings again.
- Devices connected to the printer using Wireless Direct cannot communicate with each other.
- Firmware updates for the printer are not available while using Wireless Direct.
- When a device has been connected to the printer without using a wireless router and you want to set it up again using the same connection method, disconnect it first. Disable the connection between the device and printer in the Wi-Fi setting screen.

Connection Using a Wired Network

- You cannot establish a printer with wireless and wired connections at the same time.
- When using a router, connect the printer and a device to the LAN side (same network segment).

Network Connection Tips

- Default Network Settings
- Detect Same Printer Name
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

Default Network Settings

LAN Connection Defaults

Item	Default
Change wireless/wired LAN	Disable LAN
Network name (SSID)	BJNPSETUP
Wi-Fi security	Disable
IP address (IPv4)	Auto setup
IP address (IPv6)	Auto setup
Set printer name*	XXXXXXXXXXX
Enable/disable IPv6	Enable
Enable/disable WSD	Enable
Timeout setting	15 minutes
Enab./disab. Bonjour	Enable
Service name	Canon GM2000 series
LPR setting	Enable
RAW protocol	Enable
LLMNR	Enable
PictBridge commun. (Enable/disable)	Enable
DRX setting (Wired LAN)	Enable

("XX" represents alphanumeric characters.)

* Default value depends on printer. To check value, print the printer's current network settings.

➡ Printing Network Settings

Wireless Direct Defaults

Item	Default
Network name (SSID) for wireless direct	XXX-GM2000series *1
Password	YYYYYYYYY *2
Security method	WPA2-PSK (AES)

*1 "XXX" represents last three digits of printer's MAC address.

*2 The printer serial number (9 alphanumeric characters). When the printer serial number is not set, it becomes "123456789".

Detect Same Printer Name

When the printer is detected during setup, plural printers with the same name may appear on the results screen.

Select a printer with checking the printer settings against those on detection result screen.

Check the printer's MAC address or serial to select the correct printer from the results.

Note

- Serial number may not appear on result screen.

To check the printer's MAC address and the serial number, print out the network settings information.

Printing Network Settings

Connects to Another Computer via LAN/Changes from USB to LAN Connection

To connect an additional computer to the printer via LAN, or to change from USB to LAN connection, perform setup from the web page.

For Windows, you can perform setup using the Setup CD-ROM.

Printing Network Settings

Use the operation panel to print the printer's current network settings.

Important

- The network settings printout contains important information about your network. Handle it with care.

1. Check that printer is turned on.
2. Load three sheets of A4 or Letter-sized plain paper.
3. Press **Information** button.

   The printer starts printing the network setting information.

The following information on the printer's network setting is printed out. (Some setting values are not displayed depending on the printer settings.)

Item Number	Item	Description	Setting
1	Product Information	Product information	–
1-1	Product Name	Product name	XXXXXXXX
1-2	ROM Version	ROM version	XXXXXXXX
1-3	Serial Number	Serial number	XXXXXXXX
2	Network Diagnostics	Network diagnostics	–
2-1	Diagnostic Result	Diagnostic result	XXXXXXXX
2-2	Result Codes	Result codes	XXXXXXXX
2-3	Result Code Details	Result code details	http://canon.com/ijnwt
3	Wireless LAN	Wireless LAN	Enable/Disable
3-1	WPS PIN Code	WPS PIN code	XXXXXXXX
3-2	Infrastructure	Infrastructure	Enable/Disable
3-2-1	Signal Strength	Signal strength	0 to 100 [%]
3-2-2	Link Quality	Link quality	0 to 100 [%]
3-2-3	Frequency	Frequency	XX (GHz)
3-2-4	MAC Address	MAC address	XX:XX:XX:XX:XX:XX
3-2-5	Connection	Connection status	Active/Inactive
3-2-6	SSID	SSID	Wireless LAN network name (SSID)

3-2-7	Channel	Channel	XX (1 to 13)
3-2-8	Encryption	Encryption method	None/WEP/TKIP/AES
3-2-9	WEP Key Length	WEP key length (bits)	Inactive/128/64
3-2-10	Authentication	Authentication method	None/auto/open/shared/WPA-PSK/WPA2-PSK
3-2-11	TCP/IPv4	TCP/IPv4	Enable
3-2-12	IP Address	IP address	XXX.XXX.XXX.XXX
3-2-13	Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
3-2-14	Default Gateway	Default gateway	XXX.XXX.XXX.XXX
3-2-15	TCP/IPv6	TCP/IPv6	Enable/Disable
3-2-16	Link Local Address	Link local address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-17	Link Local Prefix Length	Link local prefix length	XXX
3-2-18	Stateless Address1	Stateless address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-19	Stateless Prefix Length1	Stateless prefix length 1	XXX
3-2-20	Stateless Address2	Stateless address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-21	Stateless Prefix Length2	Stateless prefix length 2	XXX
3-2-22	Stateless Address3	Stateless address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-23	Stateless Prefix Length3	Stateless prefix length 3	XXX
3-2-24	Stateless Address4	Stateless address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-25	Stateless Prefix Length4	Stateless prefix length 4	XXX
3-2-26	Default Gateway1	Default gateway 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-27	Default Gateway2	Default gateway 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX

3-2-28	Default Gateway3	Default gateway 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-29	Default Gateway4	Default gateway 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-2-33	IPsec	IPsec setting	Active
3-2-34	Security Protocol	Security method	ESP/ESP & AH/AH
3-3	Wireless Direct/Access Point Mode	Operation mode for Wireless Direct	Enable/Disable
3-3-1	MAC Address	MAC address	XX:XX:XX:XX:XX:XX
3-3-2	Connection	Connection status	Active/Inactive
3-3-3	SSID	SSID	Wireless Direct network name (SSID)
3-3-4	Password	Password	Wireless Direct password (10 alphanumeric characters)
3-3-5	Channel	Channel	3
3-3-6	Encryption	Encryption method	AES
3-3-7	Authentication	Authentication method	WPA2-PSK
3-3-8	TCP/IPv4	TCP/IPv4	Enable
3-3-9	IP Address	IP address	XXX.XXX.XXX.XXX
3-3-10	Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
3-3-11	Default Gateway	Default gateway	XXX.XXX.XXX.XXX
3-3-12	TCP/IPv6	TCP/IPv6	Enable/Disable
3-3-13	Link Local Address	Link local address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
3-3-14	Link Local Prefix Length	Link local prefix length	XXX
3-3-15	IPsec	IPsec setting	Active
3-3-16	Security Protocol	Security method	–
4	Wired LAN	Wired LAN	Enable/Disable
4-1	MAC Address	MAC address	XX:XX:XX:XX:XX:XX
4-2	Connection	Wired LAN status	Active/Inactive
4-3	TCP/IPv4	TCP/IPv4	Enable
4-4	IP Address	IP address	XXX.XXX.XXX.XXX

4-5	Subnet Mask	Subnet mask	XXX.XXX.XXX.XXX
4-6	Default Gateway	Default gateway	XXX.XXX.XXX.XXX
4-7	TCP/IPv6	TCP/IPv6	Enable/Disable
4-8	Link Local Address	Link local address	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-9	Link Local Prefix Length	Link local prefix length	XXX
4-10	Stateless Address1	Stateless address 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-11	Stateless Prefix Length1	Stateless prefix length 1	XXX
4-12	Stateless Address2	Stateless address 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-13	Stateless Prefix Length2	Stateless prefix length 2	XXX
4-14	Stateless Address3	Stateless address 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-15	Stateless Prefix Length3	Stateless prefix length 3	XXX
4-16	Stateless Address4	Stateless address 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-17	Stateless Prefix Length4	Stateless prefix length 4	XXX
4-18	Default Gateway1	Default gateway 1	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-19	Default Gateway2	Default gateway 2	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-20	Default Gateway3	Default gateway 3	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-21	Default Gateway4	Default gateway 4	XXXX:XXXX:XXXX:XXXX XXXX:XXXX:XXXX:XXXX
4-25	IPsec	IPsec setting	Active
4-26	Security Protocol	Security method	ESP/ESP & AH/AH

4-27	Wired LAN DRX	Discontinuous reception (wired LAN)	Enable/Disable
5	Other Settings	Other settings	–
5-1	Printer Name	Printer name	Printer name (Up to 15 alphanumeric characters)
5-4	WSD Printing	WSD printing setting	Enable/Disable
5-5	WSD Timeout	Timeout	1/5/10/15/20 [min]
5-6	LPD Printing	LPD printing setting	Enable/Disable
5-7	RAW Printing	RAW printing setting	Enable/Disable
5-9	Bonjour	Bonjour setting	Enable/Disable
5-10	Bonjour Service Name	Bonjour service name	Bonjour service name (Up to 52 alphanumeric characters)
5-11	LLMNR	LLMNR setting	Enable/Disable
5-12	SNMP	SNMP setting	Enable/Disable
5-14	DNS Server	Obtain DNS server address automatically	Auto/Manual
5-15	Primary Server	Primary server address	XXX.XXX.XXX.XXX
5-16	Secondary Server	Secondary server address	XXX.XXX.XXX.XXX
5-17	Proxy Server	Proxy server setting	Enable/Disable
5-18	Proxy Address	Proxy address	XXXXXXXXXXXXXXXXXXX
5-19	Proxy Port	Proxy port specification	1 to 65535
5-20	Cert. Fingerprt(SHA-1)	Certificate fingerprint(SHA-1)	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
5-21	Cert. Fingerprt(SHA-256)	Certificate fingerprint(SHA-256)	xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

("XX" represents alphanumeric characters.)

Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

- Reconfiguration Method of LAN Connection
- Reconfiguration Method of Wi-Fi Connection

Reconfiguration Method of LAN Connection

Follow either procedure below to change LAN connection method (wired or Wi-Fi).

- Redo setup using the Setup CD-ROM or from the web page.
- Enable Wi-Fi or wired LAN on the operation panel of the printer. After that, perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

  For details, refer to Performing/Changing Wi-Fi Settings or Performing/Changing Wired LAN Connection (Ethernet Cable) Settings.

Reconfiguration Method of Wi-Fi Connection

Follow either procedure below to change Wi-Fi connection method (infrastructure or Wireless Direct).

- Redo setup using the Setup CD-ROM or from the web page.
- Perform settings on the **Network Settings** screen on IJ Network Device Setup Utility.

Important

- Before you perform settings using IJ Network Device Setup Utility, turn on Easy wireless connect mode on the printer following the procedure below.

  1. Check that printer is turned on.
  2. Press and hold **Wireless connect** button for 3 seconds.
  3. Perform operations following instructions on your smartphone or tablet.
  4. If message saying setup is completed appears, make sure the Online lamp on the printer is lit.

IJ Network Device Setup Utility (Windows)

- IJ Network Device Setup Utility
- Starting Up IJ Network Device Setup Utility
- Diagnosing and Repairing Network Settings
- Performing/Changing Network Settings
- List of Models Which Does Not Support Diagnosis and Repair Function
- List of Models Which Does Not Support IPv6 Configuration via USB Connection

IJ Network Device Setup Utility

IJ Network Device Setup Utility allows you to diagnose or repair the network status, and to perform printer settings on network.

Use IJ Network Device Setup Utility for:

- Searching printers on network and performing initial network setup for detected printers
- Performing initial network setup by connecting the printer and computer using a USB cable (Not available for some models)
- Changing printer network settings
- Diagnosing the settings of the printer and those of computer on which IJ Network Device Setup Utility is installed if anything is wrong with connection. In addition, IJ Network Device Setup Utility repairs the status of the printer and computer (Not available for some models).

Important

- Depending on the printer you are using, an administrator password is already specified for the printer at the time of purchase. When you change the network settings, authentication by the administrator password is required.

  For details:

  ➡ Administrator Password

  For improving security, we recommend to change the administrator password.

  ➡ Change Administrator Password

- To use the printer over LAN, make sure you have the equipment necessary for the connection type, such as a wireless router or a LAN cable.
- When you install IJ Network Device Setup Utility, disable block function of firewall.
- Do not change network settings using IJ Network Device Setup Utility while printing is in progress.

Starting Up IJ Network Device Setup Utility

Start up IJ Network Device Setup Utility as shown below.

- In Windows 10, select **Start** > (**All apps** >) > **Canon Utilities** > **IJ Network Device Setup Utility**.
- In Windows 8.1 or Windows 8, select **IJ Network Device Setup Utility** on the **Start** screen to start IJ Network Device Setup Utility. If **IJ Network Device Setup Utility** is not displayed on the **Start** screen, select the **Search** charm and search for "IJ Network Device Setup Utility".
- In Windows 7 or Windows Vista, click **Start** and select **All Programs**, **Canon Utilities**, **IJ Network Device Setup Utility**, and then **IJ Network Device Setup Utility**.

When you start up IJ Network Device Setup Utility, a message appears. Check the message and select **Yes**. The screen below appears.



Select **Diagnose and Repair** or **Printer Network Setup** on the displayed screen.

- If you select **Diagnose and Repair**:

  ➡ Diagnosing and Repairing Network Settings

- If you select **Printer Network Setup**:

  ➡ Performing/Changing Network Settings

Diagnosing and Repairing Network Settings

IJ Network Device Setup Utility diagnoses and repairs computer settings or connection between the computer and printer when a problem (e.g. cannot print from a printer on the network) occurs.

Important

- Some models do not support diagnosis and repair function.

  For details:

  ➡ List of Models Which Does Not Support Diagnosis and Repair Function

Follow the procedure below.

1. Start up IJ Network Device Setup Utility.
2. Check the displayed message and select **Yes**.
3. Select **Diagnose and Repair** on the displayed screen.

   Perform operations following the instructions on the screen.

   Note

   - This function checks the following items:
     - whether the computer is connected to the router
     - whether a web page on the Internet can be viewed
     - whether the printer can be detected on the network
     - whether the signal strength or communication level is sufficient (when using Wi-Fi)
     - whether the printer port setting matches with the network setting

Performing/Changing Network Settings

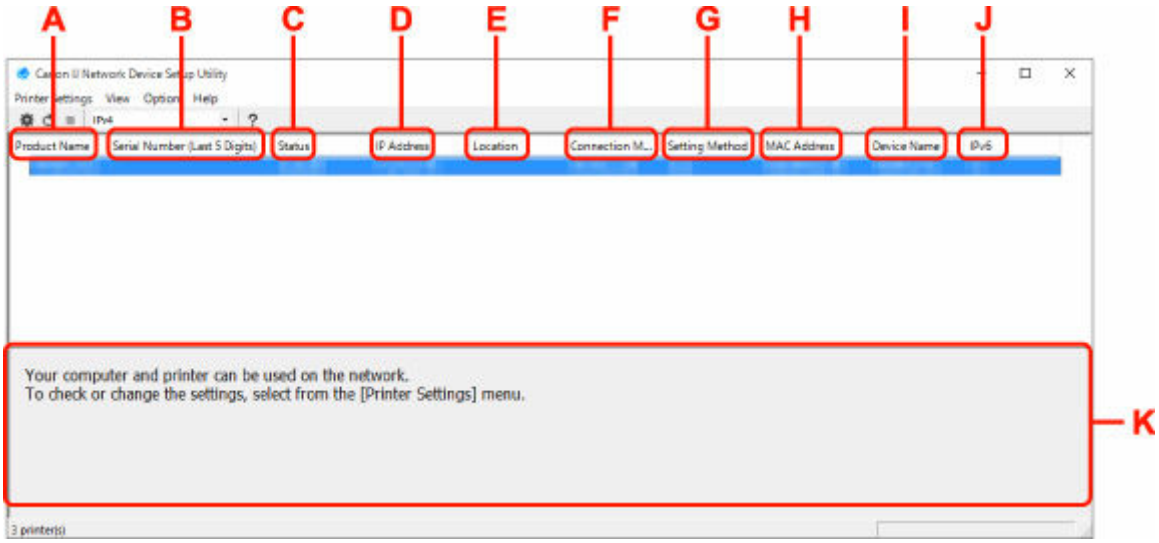
- Canon IJ Network Device Setup Utility Screen
- Performing Network Settings

Canon IJ Network Device Setup Utility Screen

- Items on Canon IJ Network Device Setup Utility Screen
- Menus on Canon IJ Network Device Setup Utility Screen
- Items on Canon IJ Network Device Setup Utility Screen Toolbar

Items on Canon IJ Network Device Setup Utility Screen

The screen below appears when you start up IJ Network Device Setup Utility and select **Printer Network Setup**. Detected printers are listed on the screen and the items below are shown.



A: Product Name

Displays the product name of detected printer. The icon below appears on the left if the printer cannot be used.

: Appears when the printer requires setup or has not been configured.

: Appears when the IP address is duplicated to another printer.

: Appears when you cannot communicate with the printer.

Note

- If a printer you want to use is not detected, try to set the criteria for printer search.

  ➡ Setting Criteria for Printer Search/Searching Specific Printer

- Right-clicking a printer displays setting items or items to confirm.

B: Serial Number (Last 5 Digits)

Displays the last five digits of printer's serial number.

C: Status

Displays the printer status as shown below.

- **Available**

  Indicates the printer is available.

- **Setup Completed**

Appears after performing network setup and clicking **Set** to close the window.

- **Requires Setup**

  Indicates the printer is required to perform Wi-Fi setup.

  ➡ Performing/Changing Wi-Fi Settings

- **Not Set**

  Indicates the printer cannot be used on network, or IPv6 is disabled. Specify an IP address or enable IPv6 on **Network Settings...**.

  ➡ Performing/Changing Wi-Fi Settings

- **IP Address Overlap**

  Indicates the IP address is duplicated to another printer.

- **Unknown**

  Indicates the printer recognized as **Available** in the past cannot be used currently.

Note

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.

D: IP Address

Displays the printer IP address. Nothing is displayed if the printer status is **Requires Setup**.

Note

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

E: Location

Displays the printer location if it is registered. Nothing is displayed if the printer status is **Requires Setup**.

Note

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.

➡ Assigning Printer Information

F: Connection Method

Displays printer connection method (wired LAN, Wi-Fi, or USB).

Note

- If **USB** is selected from the pulldown menu on the toolbar, **USB** is displayed.
- If the printer supports both of the LAN connection methods, the printer is recognized as two printers and they are displayed separately. (The same numbers are displayed on **Serial Number (Last 5 Digits)**.)
- If the printer does not support wired LAN, wired LAN is not displayed.
- If you are using IJ Network Device Setup Utility on the computer which does not support Wi-Fi, Wi-Fi is not displayed.

G: Setting Method

Displays printer setting method.

- **Auto**

Appears if the printer is used by IP address specified automatically.

- **Manual**

  Appears if the printer is used by IP address specified manually.

Note

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

H: MAC Address

Displays the MAC address of the detected printer.

Note

- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

I: Device Name

Displays the printer device name if it is registered.

Note

- If **USB** is selected from the pulldown menu on the toolbar, nothing is displayed.
- The printer with **Requires Setup** displayed on **Status** is not displayed.

➡ Assigning Printer Information

J: IPv6

On appears when an IPv6 address is assigned for the printer.

Note

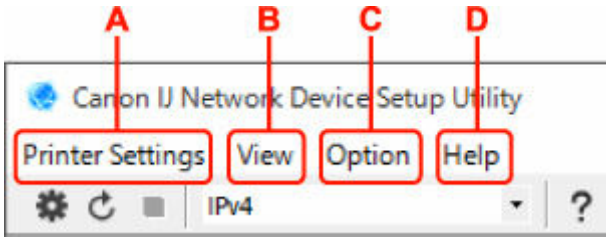
- If **USB** is selected from the pulldown menu on the toolbar, "-" is displayed.

K: Displays the printer status and operation guides.

Selecting a printer from the printer list displays its current status and what to do next.

Menus on Canon IJ Network Device Setup Utility Screen

This section describes menus on **Canon IJ Network Device Setup Utility** screen.



A: Printer Settings menu

➡ Printer Settings Menu

B: View menu

➡ View Menu

C: Option menu

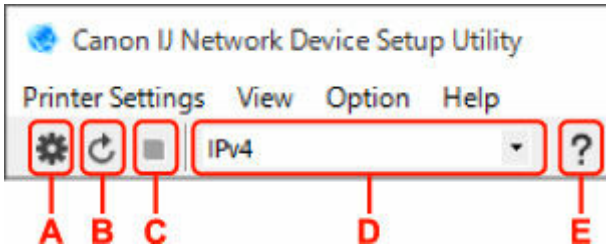
➡ Option Menu

D: Help menu

➡ Help Menu

Items on Canon IJ Network Device Setup Utility Screen Toolbar

This section describes items on **Canon IJ Network Device Setup Utility** Screen toolbar.



A: Perform wired or Wi-Fi setup.

Note

- This item has the same function as **Network Settings...** in the **Printer Settings** menu.

B: Redetects printers.

Note

- This item has the same function as **Update** in the **View** menu.

C: Stops detecting printers.

Note

- This item has the same function as **Cancel** in the **View** menu.

D: Switches the printer list. (IPv4, IPv6, or USB printers)

Note

- This item has the same function as **Switch View** in the **View** menu.
- You can also display the USB connected printer list. (Not available for some models.) In this case, select **USB**.

E: Displays this guide.

Note

- This item has the same function as **Online Manual** in the **Help** menu.

Performing Network Settings

- Performing/Changing Wired LAN Connection (Ethernet Cable) Settings
- Performing/Changing Wi-Fi Settings
- Assigning Printer Information

Performing/Changing Wired LAN Connection (Ethernet Cable) Settings

Follow the procedure below to perform/change wired LAN settings.

Note

- For some models, you can perform network setup for a USB connected printer using IJ Network Device Setup Utility. Select **USB** on **Switch View** under the **View** menu to display printers for which you can perform setup.

1. Start up IJ Network Device Setup Utility.
2. Check the displayed message and select **Yes**.
3. Select **Printer Network Setup** on the displayed screen.

   Detected printers are listed.
4. Select printer to perform/change settings from printer list.

   Select the printer with **Wired LAN** displayed on **Connection Method** and **Available** displayed on **Status** to perform settings.

   You can perform settings for a printer with **Available** not displayed on **Status** via USB connection.

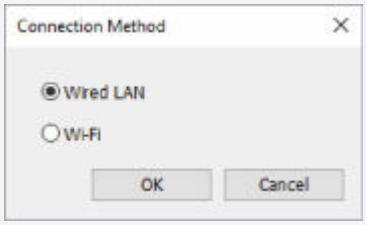
   To perform setup for a USB connected printer, select **USB** from the pulldown menu on the toolbar and select the printer to perform/change settings.
5. Select **Network Settings...** on **Printer Settings** menu.

   The **Confirm Printer Password** screen appears.

   For more on the password, refer to Administrator Password.

   Note

   - Clicking the ⚙ icon allows you to perform/change settings.
   - If you select a USB connected printer on step 4, the screen below appears after the **Confirm Printer Password** screen appears

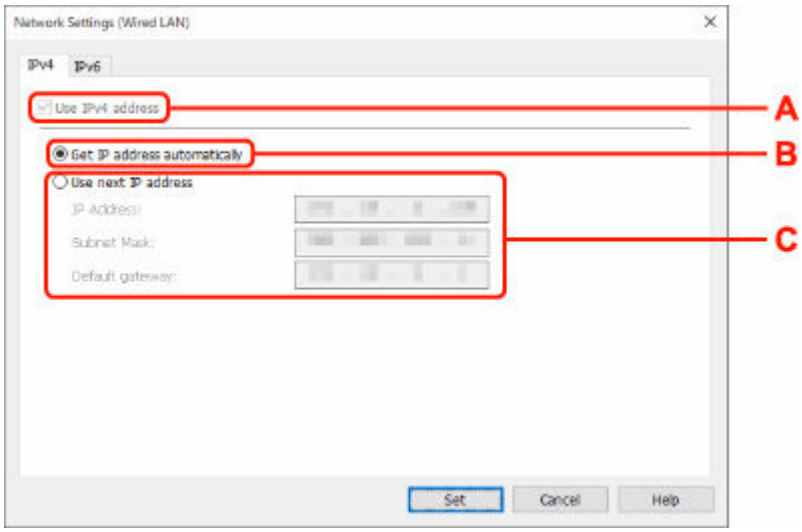
     Select **Wired LAN** and click **OK**.
6. Enter password and click **OK**.

   The **Network Settings** screen appears.

7. Perform/change settings.

You can switch the screen between IPv4 and IPv6. Click the tab to switch the protocol.

- IPv4 settings



A: Use IPv4 address

Always selected. (displayed in a gray out state)

B: Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your router.

C: Use next IP address

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

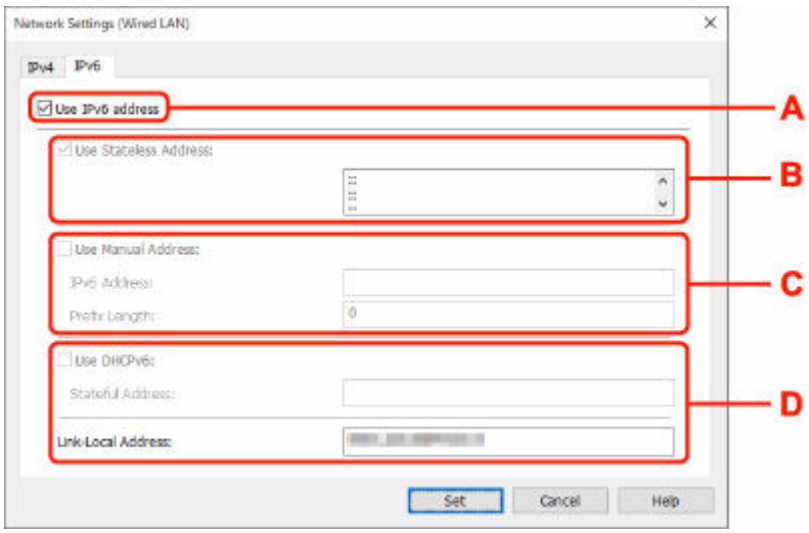
Enter the IP address, subnet mask, and default gateway.

- IPv6 settings

Note

- If you select a USB connected printer on step 4, you cannot perform IPv6 settings depending on the printer you are using.

  For details, see List of Models Which Does Not Support IPv6 Configuration via USB Connection.



A: Use IPv6 address

Select when you use the printer with IPv6 environment.

B: Use Stateless Address:

Select when you use an IP address assigned automatically. Use a router compatible with IPv6.

Note

- This setting item is not available depending on the printer you are using.

C: Use Manual Address:

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address and IP address prefix length.

Note

- This setting item is not available depending on the printer you are using.

D: Use DHCPv6:

Select when you obtain an IP address using DHCPv6.

Note

- This setting item is not available depending on the printer you are using.

8. Click **Set**.

Performing/Changing Wi-Fi Settings

Follow the procedure below to perform/change Wi-Fi settings.

Important

- Enable Easy wireless connect (Cableless setup) before performing printer setup. (Not required if you change the IP address.) For details, search for "NR049" on your printer's online manual and see the page shown.
- If you use a printer over the Wi-Fi, we highly recommend you perform security settings for Wi-Fi network using WPA/WPA2 from the viewpoint of security.

Note

- For some models, you can perform network setup for a USB connected printer using IJ Network Device Setup Utility. Select **USB** on **Switch View** under the **View** menu to display printers.

1. Start up IJ Network Device Setup Utility.
2. Check the displayed message and select **Yes**.
3. Select **Printer Network Setup** on the displayed screen.

   Detected printers are listed.
4. Select printer to perform/change settings from printer list.

   Select the printer with **Wi-Fi** displayed on **Connection Method** and **Available** or **Requires Setup** displayed on **Status** to perform settings.

   You can perform settings for a printer with **Available** or **Requires Setup** not displayed on **Status** via USB connection.

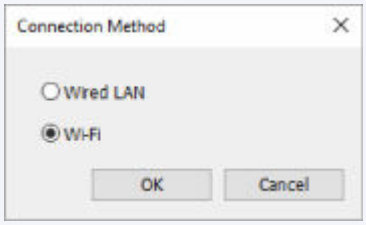
   To perform setup for a USB connected printer, select **USB** from the pulldown menu on the toolbar and select the printer to perform/change settings.
5. Select **Network Settings...** on **Printer Settings** menu.

   The **Confirm Printer Password** screen appears.

   For more on the password, refer to Administrator Password.

   ### Note

   - Clicking the ⚙ icon allows you to perform/change settings.
   - If you select a USB connected printer on step 4 and the selected printer is compatible with wired LAN, the screen below appears after the **Confirm Printer Password** screen appears

Select **Wi-Fi** and click **OK**.

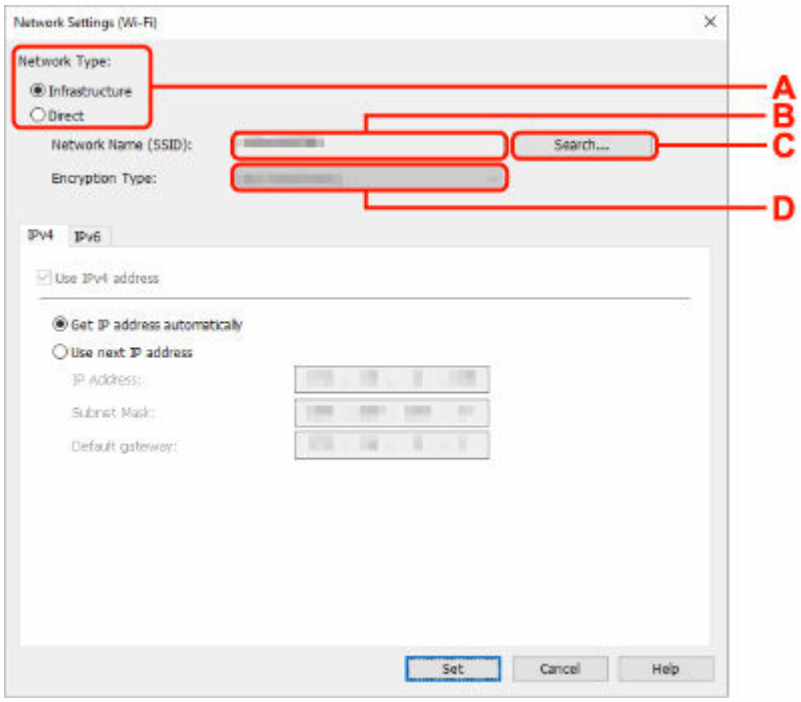
6. Enter password and click **OK**.

   The **Network Settings** screen appears.

7. Perform/change settings.

   You can switch the screen between IPv4 and IPv6. Click the tab to switch the protocol.

   - IPv4/IPv6 settings



A: Network Type:

Select the Wi-Fi mode.

- **Infrastructure**

  Connects the printer to the Wi-Fi with a wireless router.

- **Direct**

  Connects the printer to wireless communication devices (smartphone or tablet) without a wireless router.

Note

- If Wi-Fi is enabled on the computer and if you select a USB connected printer on step 4, you can select **Direct** depending on the printer you are using.
- If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.

  In addition, you cannot connect to Internet from your computer depending on your operating environment.

B: Network Name (SSID):

The network name (SSID) of the Wi-Fi currently used is displayed.

The network name (SSID) for Wireless Direct appears while in Wireless Direct.

C: Search...

The **Detected Wireless Routers** screen is displayed to select a wireless router to connect to. For a wireless router already connected to the computer, **Available** is displayed on **Communication Status**.

If you select a wireless router with **Not Connected** on **Communication Status** from the list, clicking **Set** displays the WPA/WPA2 or WEP setting screen for a wireless router.

➡ If WEP Details Screen Appears
➡ If WPA/WPA2 Details Screen Appears

D: Encryption Type:

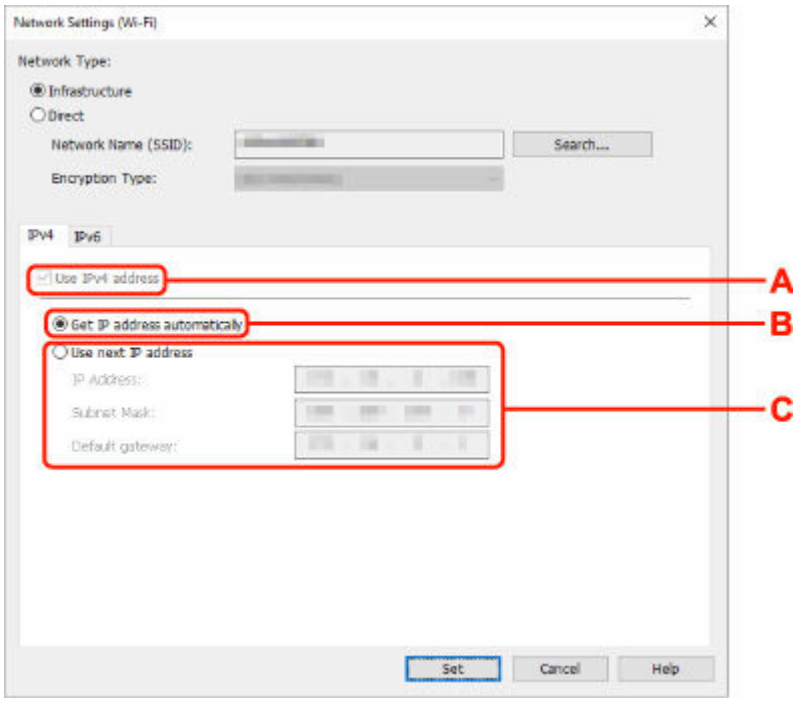
Displays the encryption method used over the Wi-Fi.

- IPv4 settings

Note

- The setting items below are available only when **Infrastructure** is selected for **Network Type:**.

  If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.



A: Use IPv4 address

Always selected. (displayed in a gray out state)

B: Get IP address automatically

Select this option to use an IP address automatically assigned by a DHCP server. DHCP server functionality must be enabled on your wireless router.

C: Use next IP address

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address, subnet mask, and default gateway.

- IPv6 settings

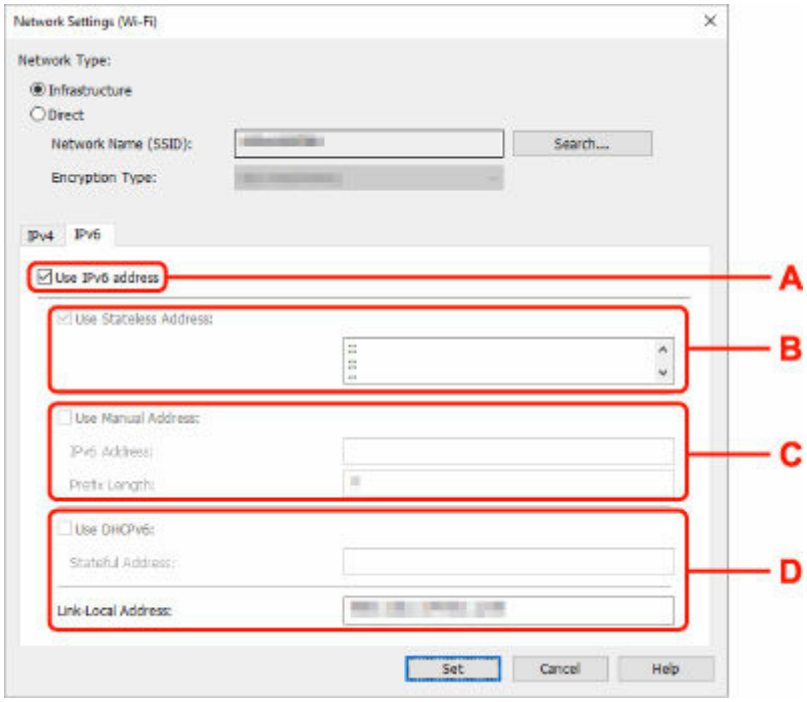
Note

- If you select a USB connected printer on step 4, you cannot perform IPv6 settings depending on the printer you are using.

  For details, see List of Models Which Does Not Support IPv6 Configuration via USB Connection.

- The setting items below are available only when **Infrastructure** is selected for **Network Type:**.

  If **Direct** is selected, all items are displayed in a gray out status and you cannot perform any settings.



A: Use IPv6 address

Select when you use the printer with IPv6 environment.

B: Use Stateless Address:

Select when you use an IP address assigned automatically. Use a router compatible with IPv6.

Note

- This setting item is not available depending on the printer you are using.

C: Use Manual Address:

Select this option if no DHCP server functionality is available in your setup where you use the printer, or you want to use a fixed IP address.

Enter the IP address and IP address prefix length.

Note

- This setting item is not available depending on the printer you are using.

D: Use DHCPv6:

Select when you obtain an IP address using DHCPv6.

Note

- This setting item is not available depending on the printer you are using.

8. Click **Set**.

Assigning Printer Information

Follow the procedure below to assign/change printer location name or device name.

The names appear on **Device Name:** and **Location:** on the **Canon IJ Network Device Setup Utility** screen.

Note

- If **USB** is selected from the pulldown menu on the toolbar, this setting item is not available.

1. Start up IJ Network Device Setup Utility.
2. Check the displayed message and select **Yes**.
3. Select **Printer Network Setup** on the displayed screen.

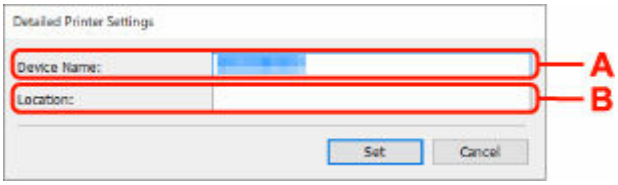
   Detected printers are listed.
4. Select printer to assign location name and device name.

   Select the printer with **Available** displayed on **Status**.
5. Select **Detailed Printer Settings...** on **Printer Settings** menu.

   The **Confirm Printer Password** screen appears.

   For more on the password, refer to Administrator Password.
6. Enter password and click **OK**.

   The **Detailed Printer Settings** screen appears.
7. Perform/change settings.



   The setting items below are available.

   A: Device Name:
   Assigns the device name.

   B: Location:
   Assigns the location name.
8. Click **Set**.

List of Models Which Does Not Support Diagnosis and Repair Function

The following models does not support "Diagnose and Repair" function of IJ Network Device Setup Utility.

- G4000 series
- PRO-500 series
- PRO-1000 series
- MB2100 series
- MB2700 series
- MB5100 series
- MB5400 series
- iB4000 series
- PRO-520
- PRO-540
- PRO-540S
- PRO-560
- PRO-560S
- PRO-2000
- PRO-4000
- PRO-4000S
- PRO-6000
- PRO-6000S
- TS9000 series
- TS8000 series
- TS6000 series
- TS5000 series
- MG3000 series
- E470 series

List of Models Which Does Not Support IPv6 Configuration via USB Connection

For the following models, you can perform settings only for IPv4 using IJ Network Device Setup Utility. (You cannot perform settings for IPv6.)

- iB4100 series
- MG3000 series
- E470 series
- G4000 series
- TS5000 series
- TS6000 series
- TS8000 series
- TS9000 series
- TR8500 series
- TR7500 series
- TS9100 series
- TS8100 series
- TS6100 series
- TS5100 series
- TS3100 series
- E3100 series
- TS300 series
- E300 series
- TR8580 series
- TS9180 series
- TS8180 series
- TS6180 series
- TR8530 series
- TR7530 series
- TS8130 series
- TS6130 series
- XK70 series
- XK50 series
- G4010 series
- G3010 series
- TR4500 series
- E4200 series
- TS6200 series
- TS6280 series
- TS6230 series
- TS8200 series
- XK80 series
- TS8280 series
- TS8230 series
- TS9500 series
- TS9580 series

- TR9530 series

Handling Paper, Ink Tank, etc.

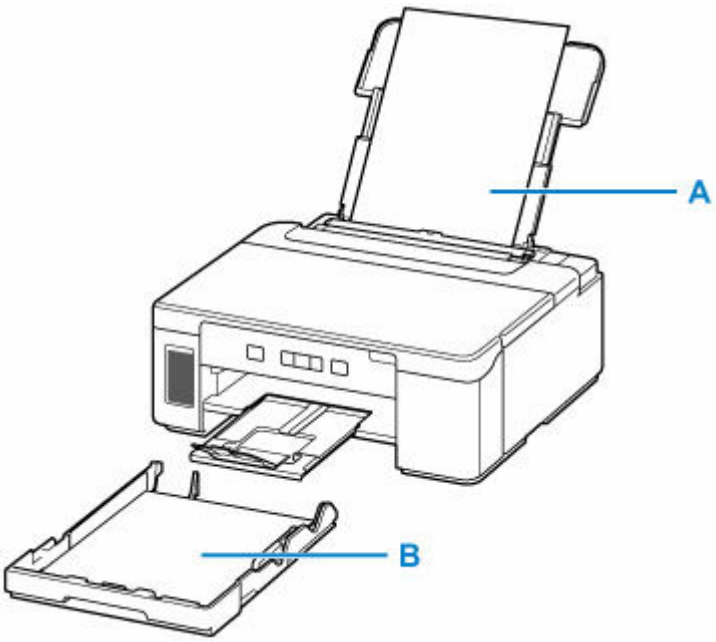
- Loading Paper
- Refilling Ink Tank
- Using Color Ink

Loading Paper

- Paper Sources
- Loading Paper in the Rear Tray
- Loading Paper in the Cassette
- Loading Envelopes in Rear Tray

Paper Sources

The printer has two paper sources for feeding paper, the rear tray (A) and cassette (B).



You can load all supported paper on the rear tray.

➡ Supported Media Types

You can load A4, B5, A5, or Letter-sized plain paper in the cassette.

Note

- When printing, select the correct page size and media type. If you select the wrong page size or media type, the printer may feed paper from the wrong paper source or may not print with the proper print quality.

  For details on how to load paper in each paper source, see below.

  ➡ Loading Paper in the Rear Tray
  ➡ Loading Paper in the Cassette
  ➡ Loading Envelopes in Rear Tray

Loading Paper in the Rear Tray

You can load plain paper.

You can also load envelopes on the rear tray.

➡ Loading Envelopes in Rear Tray

Important

- If you cut plain paper to a size of 5" x 7" (13 x 18 cm) or smaller to perform a trial print, it may cause a paper jam.

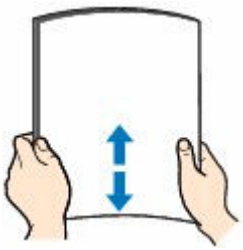
Note

- You can use general copy paper or Canon Red Label Superior WOP111/Canon Océ Office Colour Paper SAT213.

  For the page size and paper weight you can use for this printer, see Supported Media Types.

1. Prepare paper.

   Align the edges of paper. If paper is curled, flatten it.

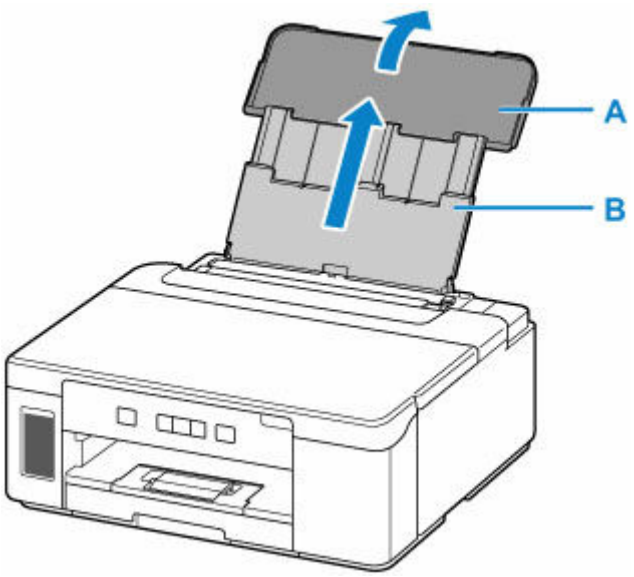
   

   ### Note

   - Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
   - If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.

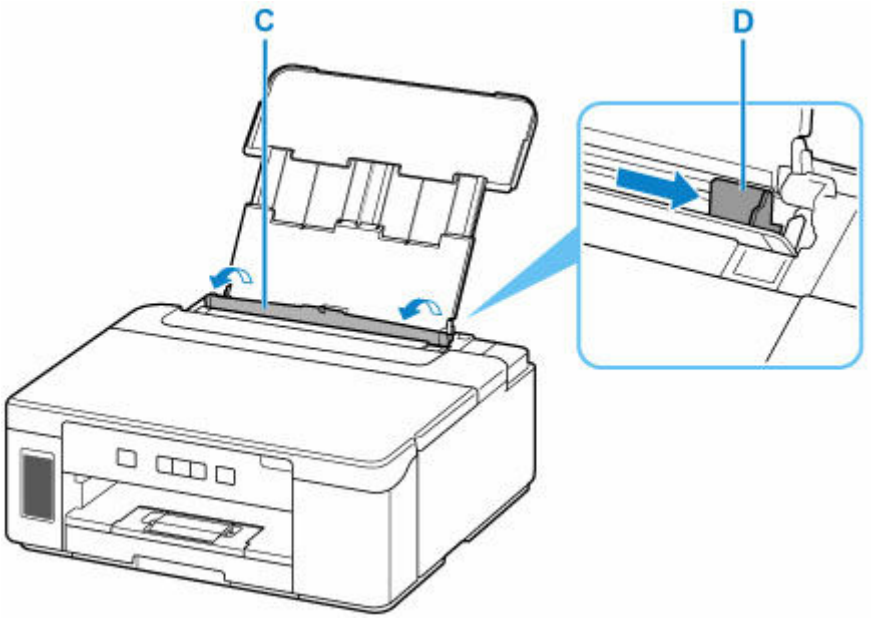
     For details on how to flatten curled paper, see Check3 in Paper Is Smudged / Printed Surface Is Scratched.

2. Open rear tray cover (A). Pull straight up and fold back paper support (B).

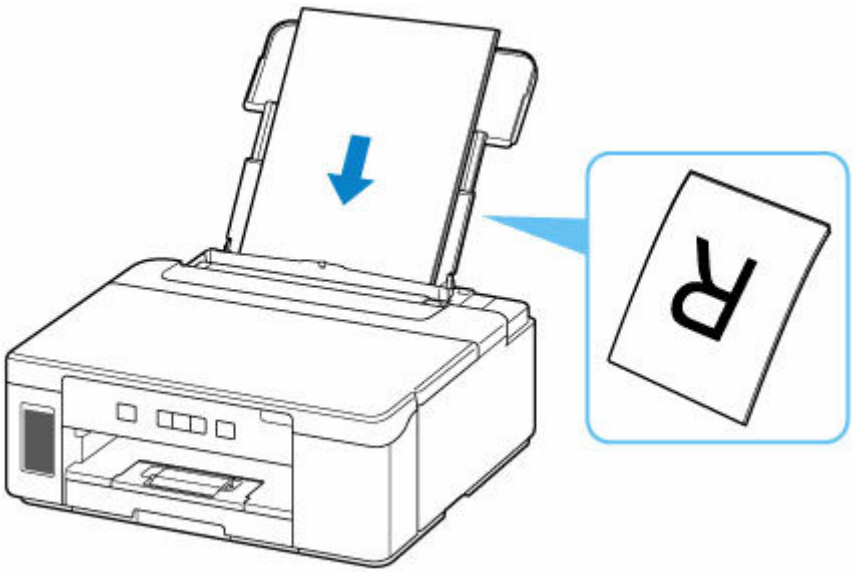


3. Open the feed slot cover (C).

4. Slide right paper guide (D) to open both paper guides.

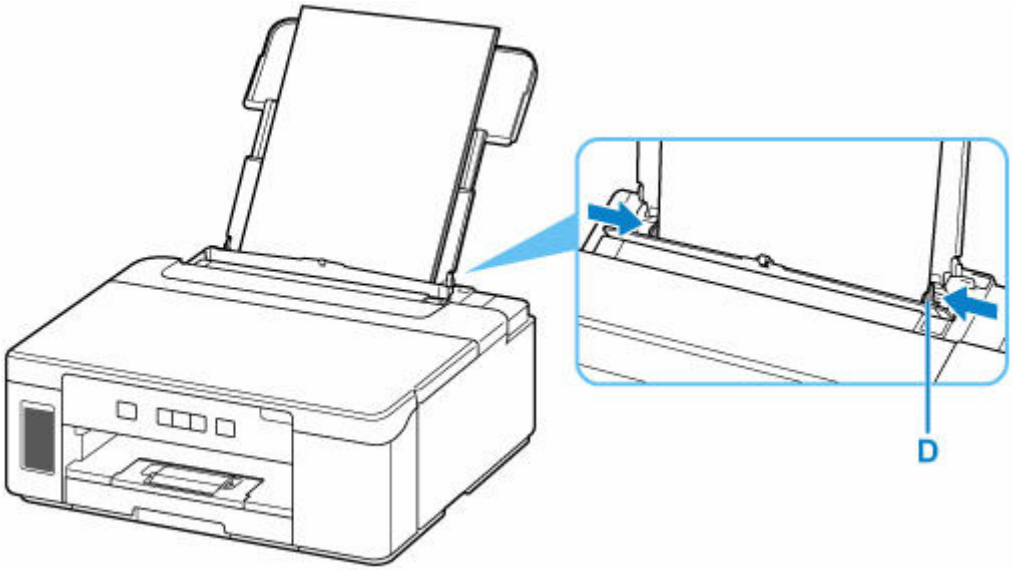


5. Load paper stack in portrait orientation WITH PRINT SIDE FACING UP.



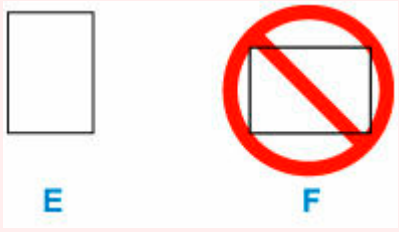
6. Slide right paper guide (D) to align with both sides of paper stack.

Do not slide the paper guides too hard against the paper. The paper may not be fed properly.



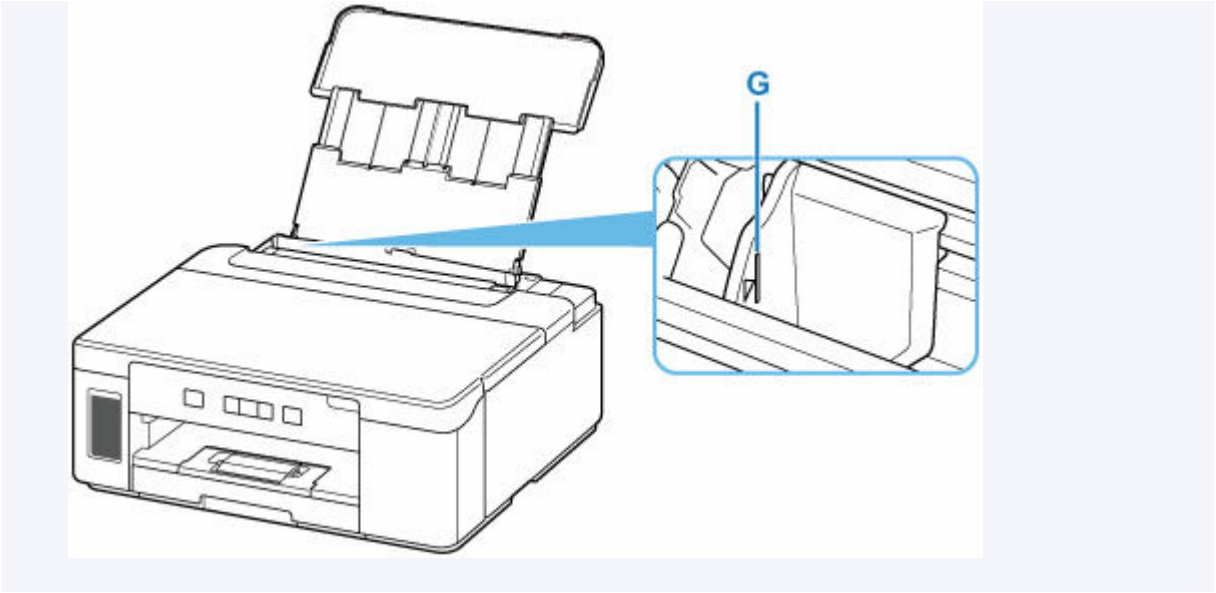
Important

- Always load paper in portrait orientation (E). Loading paper in landscape orientation (F) can cause paper jams.



Note

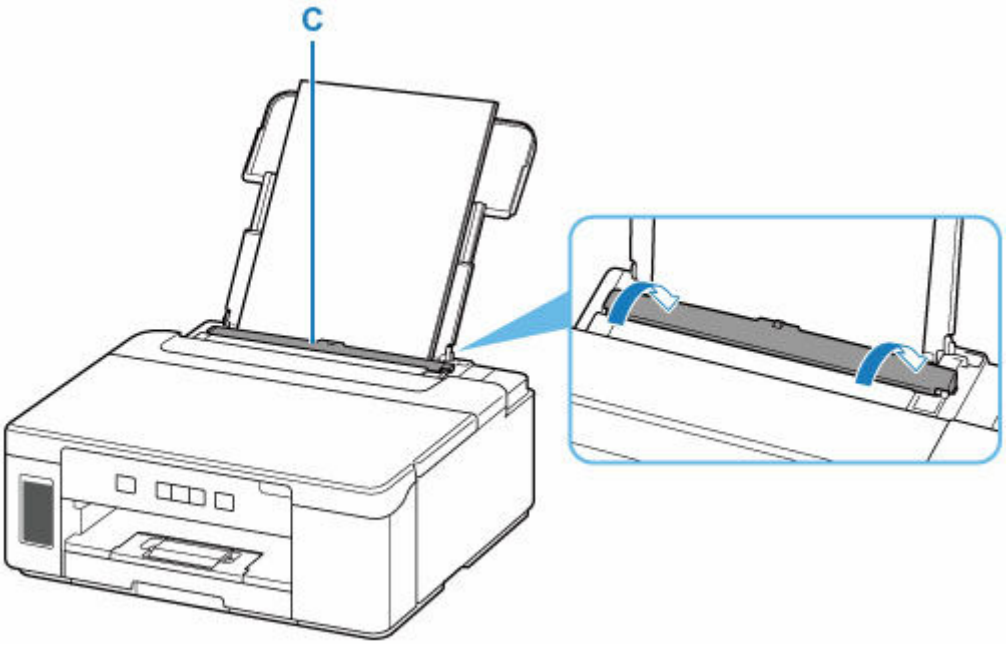
- Do not load sheets of paper higher than the load limit mark (G).



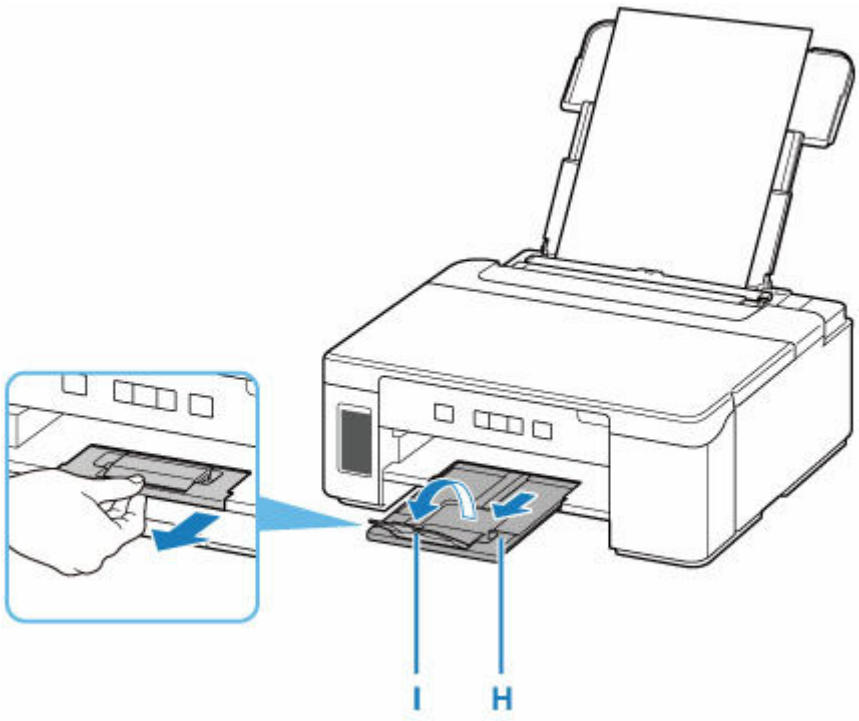
7. Close feed slot cover (C) gently.

Important

- If the feed slot cover is open, paper cannot be fed. Be sure to close the feed slot cover.



8. Pull out paper output tray (H) and open output tray extension (I).



Note

- There are various types of paper, such as paper with a special surface coating for printing photos at optimal quality and paper suitable for documents. Each media type has specific preset settings (how ink is used and sprayed, distance from nozzles, etc.), that allow you to print to that type with optimal image quality. The wrong paper settings may cause poor printout color quality or scratches on the printed surface. If you notice blurring or uneven colors, increase the print quality setting and try printing again.

Loading Paper in the Cassette

You can load A4, B5, A5, or Letter-sized plain paper in the cassette.

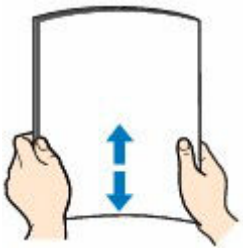
Note

- In the cassette, be sure to load only plain paper.
- You can use general copy paper or Canon Red Label Superior WOP111/Canon Océ Office Colour Paper SAT213.

  For the page size and paper weight you can use for this printer, see Supported Media Types.

1. Prepare paper.

   Align the edges of paper. If paper is curled, flatten it.

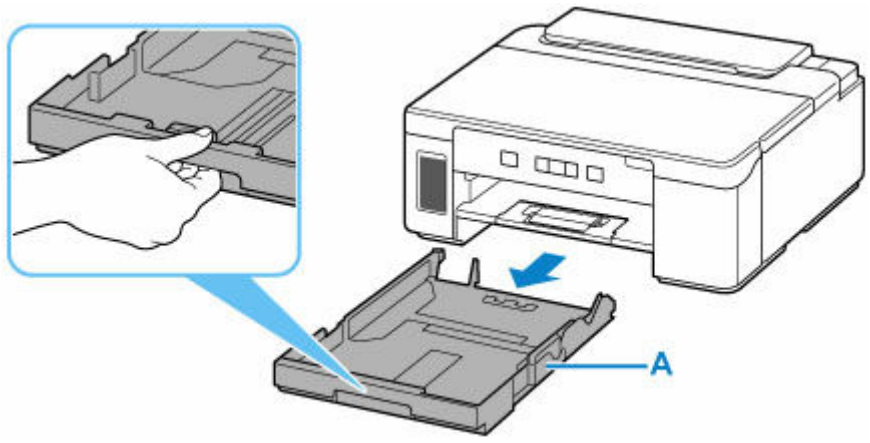


   ### Note

   - Align the edges of paper neatly before loading. Loading paper without aligning the edges may cause paper jams.
   - If paper is curled, hold the curled corners and gently bend them in the opposite direction until the paper becomes completely flat.

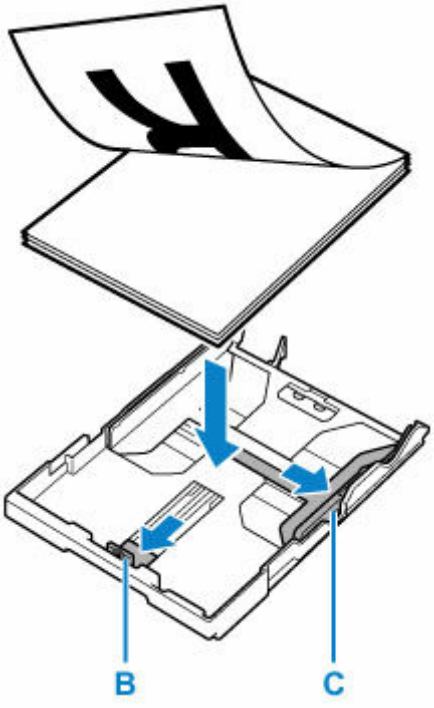
     For details on how to flatten curled paper, see Check3 in Paper Is Smudged / Printed Surface Is Scratched.

2. Pull out the cassette (A) from the printer.



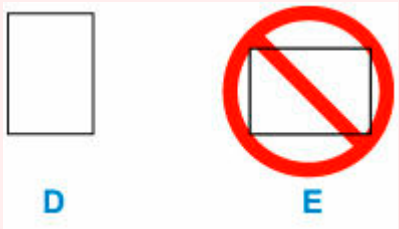
3. Slide paper guides (B) in front and (C) on right to open guides.

4. Load paper stack in portrait orientation WITH PRINT SIDE FACING DOWN, and place it in center of cassette.



Important

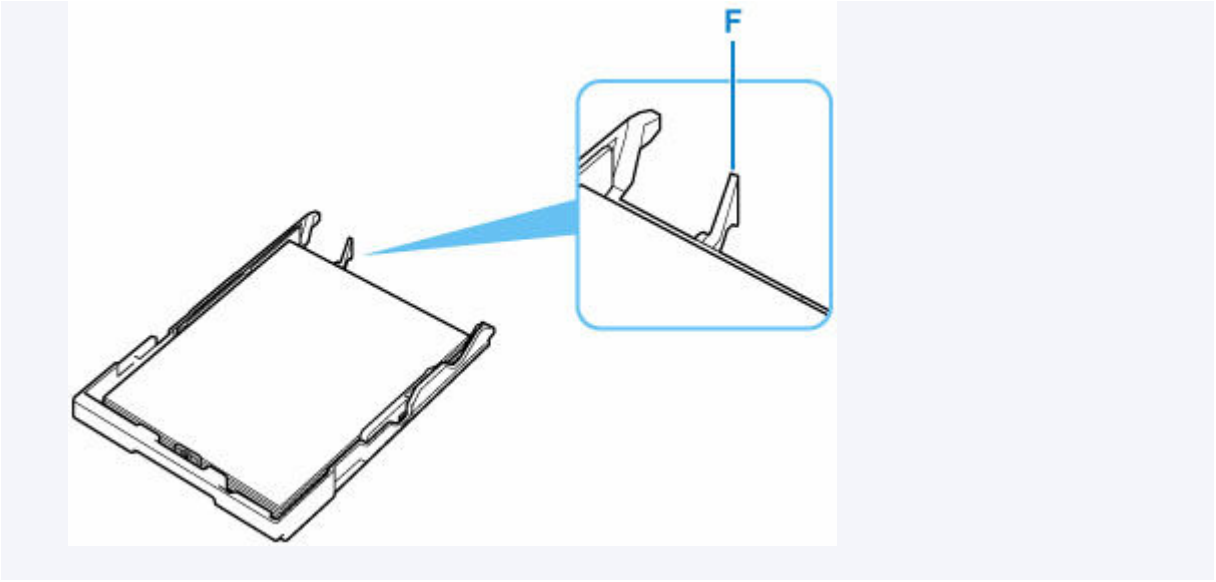
- Always load paper in portrait orientation (D). Loading paper in landscape orientation (E) can cause paper jams.



Note

- Align the paper stack with the edge of the cassette as shown in the figure below.

  If the paper stack is in contact with the protrusion (F), the paper may not be fed properly.

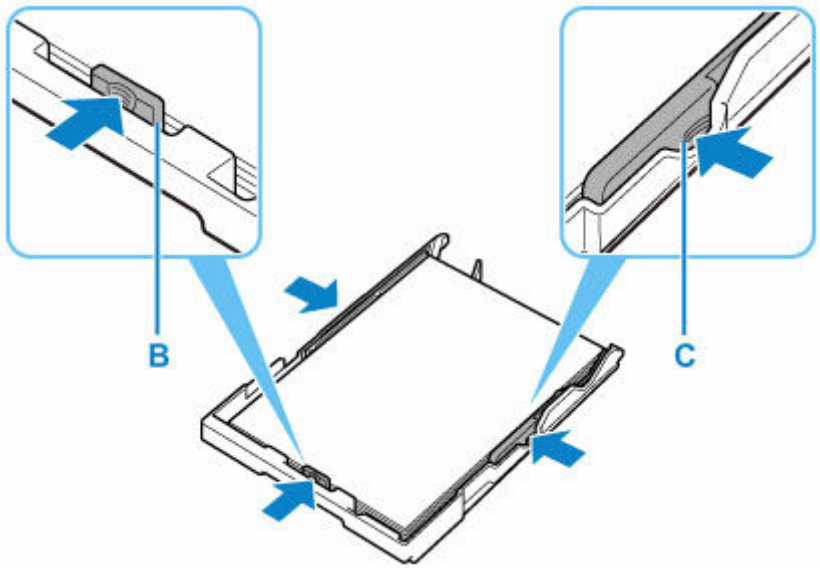


5. Slide front paper guide (B) to align it with paper stack.

Align paper guide with where it clicks into place.

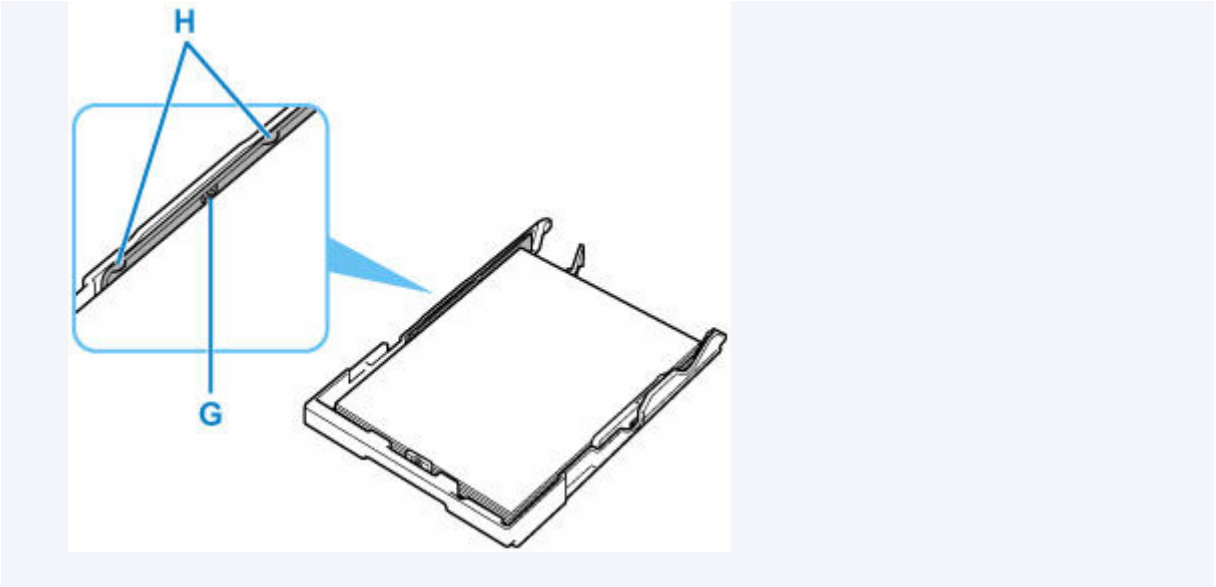
6. Slide right paper guide (C) to align it with paper stack.

Do not slide the paper guide too hard against the paper. The paper may not be fed properly.



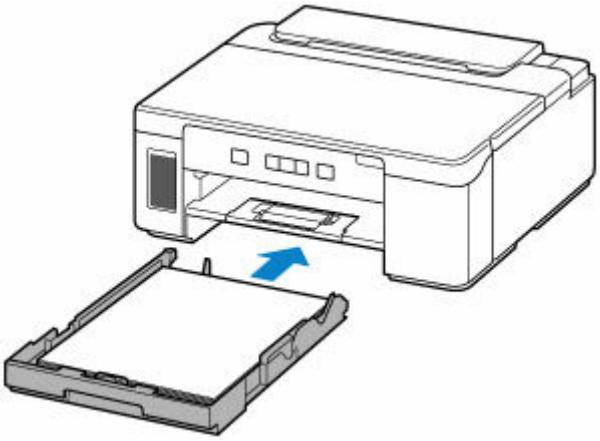
Note

- Do not load sheets of paper higher than the load limit mark (G).
- Keep the paper stack height below the tabs (H) of the paper guides.

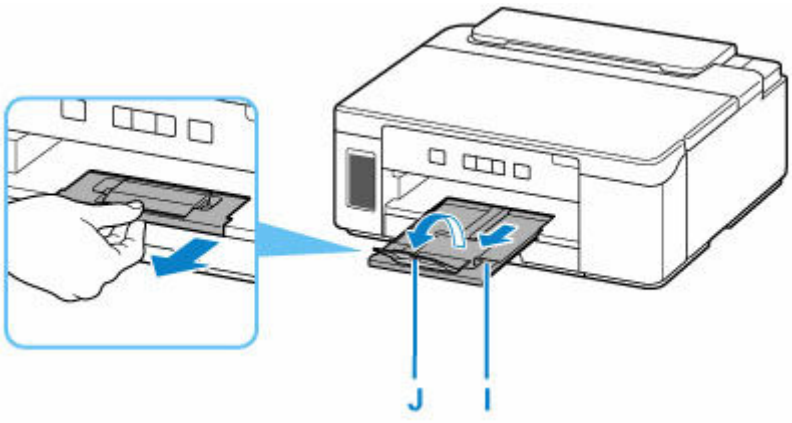


7. Insert cassette into printer.

Push the cassette into the printer until it stops.



8. Pull out paper output tray (I) and open output tray extension (J).



Loading Envelopes in Rear Tray

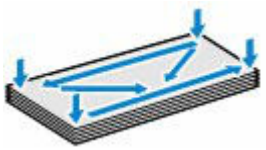
You can load Envelope DL and Envelope Com 10 on the rear tray.

The address is automatically rotated and printed according to the envelope's direction by specifying with the printer driver properly.

Important

- Do not use the following envelopes. They could jam in the printer or cause the printer to malfunction.
  - Envelopes with an embossed or treated surface
  - Envelopes with a double flap
  - Envelopes whose gummed flaps are already moistened and adhesive

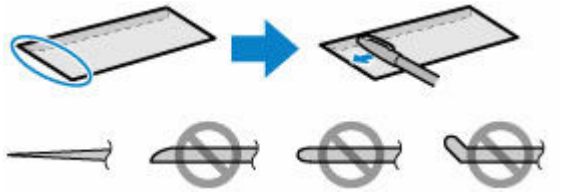
1. Prepare envelopes.
   - Press down on all four corners and edges of the envelopes to flatten them.



   - If the envelopes are curled, hold the opposite corners and gently twist them in the opposite direction.



   - If the corner of the envelope flap is folded, flatten it.
   - Use a pen to press the leading edge in the inserting direction flat and sharpen the crease.

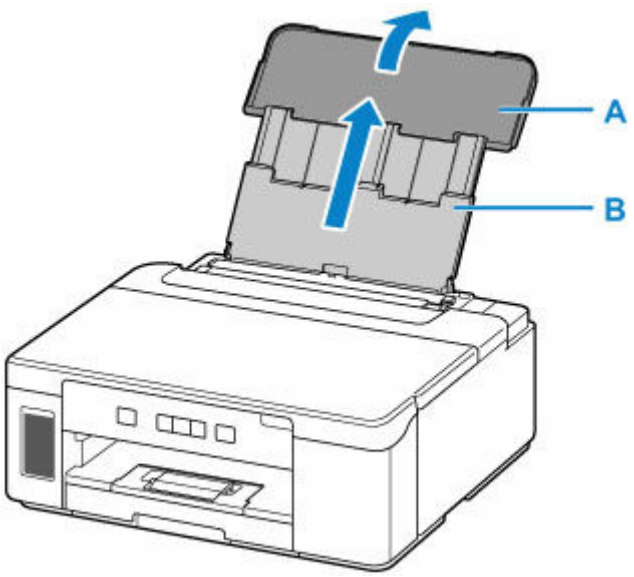


   The figures above show a side view of the leading edge of the envelope.

   Important

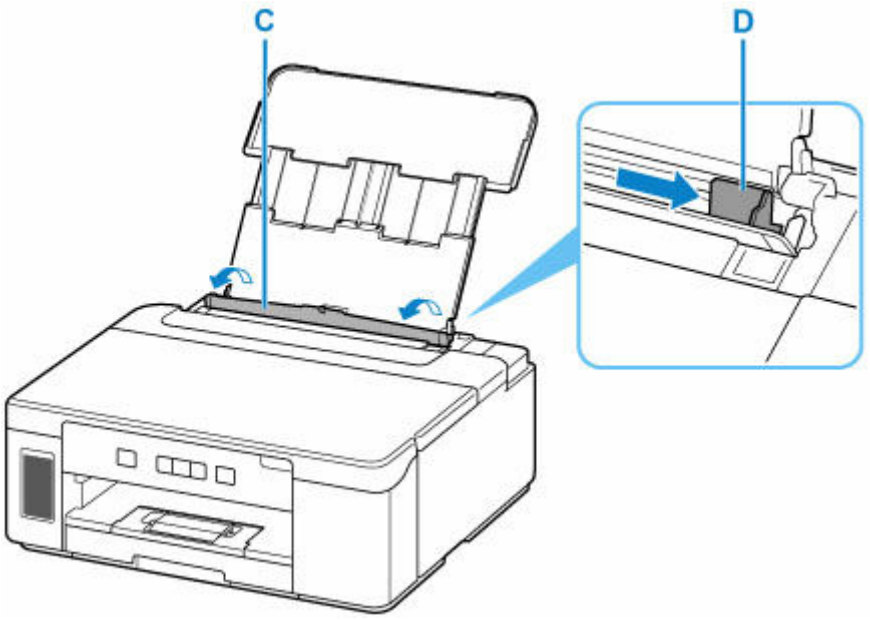
   - The envelopes may jam in the printer if they are not flat or the edges are not aligned. Make sure that no curl or puff exceeds 0.12 in. (3 mm).

2. Open rear tray cover (A). Pull straight up and fold back paper support (B).



3. Open the feed slot cover (C).

4. Slide right paper guide (D) to open both paper guides.



5. Load envelopes in portrait orientation WITH PRINT SIDE FACING UP.

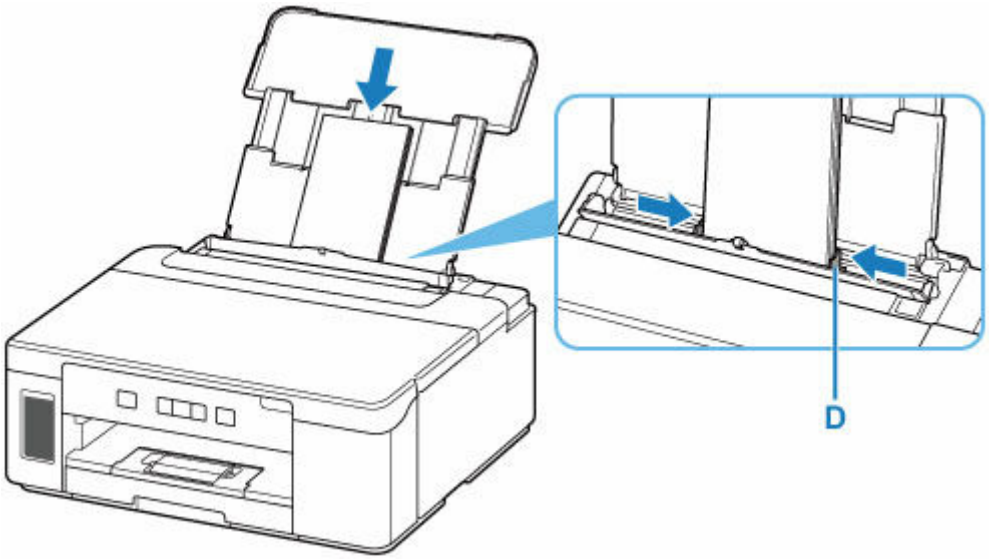
   Up to 10 envelopes can be loaded at once.

   Fold flap of the envelope and load the envelope in portrait orientation with the address side facing up.



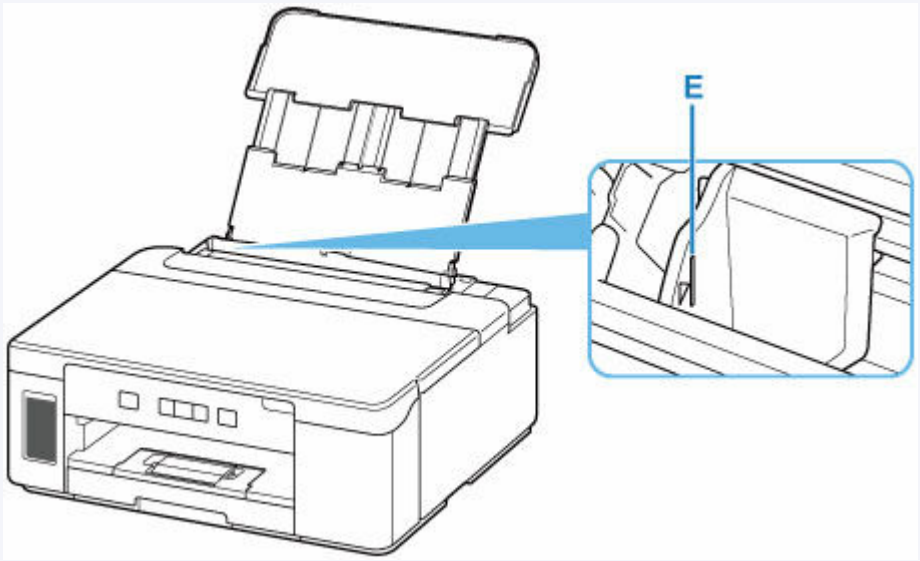
6. Slide right paper guide (D) to align with both sides of envelopes.

   Do not slide the paper guides too hard against the envelopes. The envelopes may not be fed properly.



Note

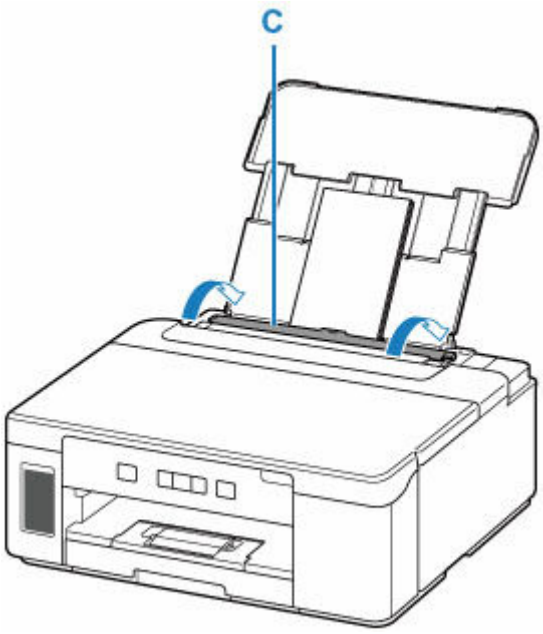
- Do not load envelopes higher than the load limit mark (E).



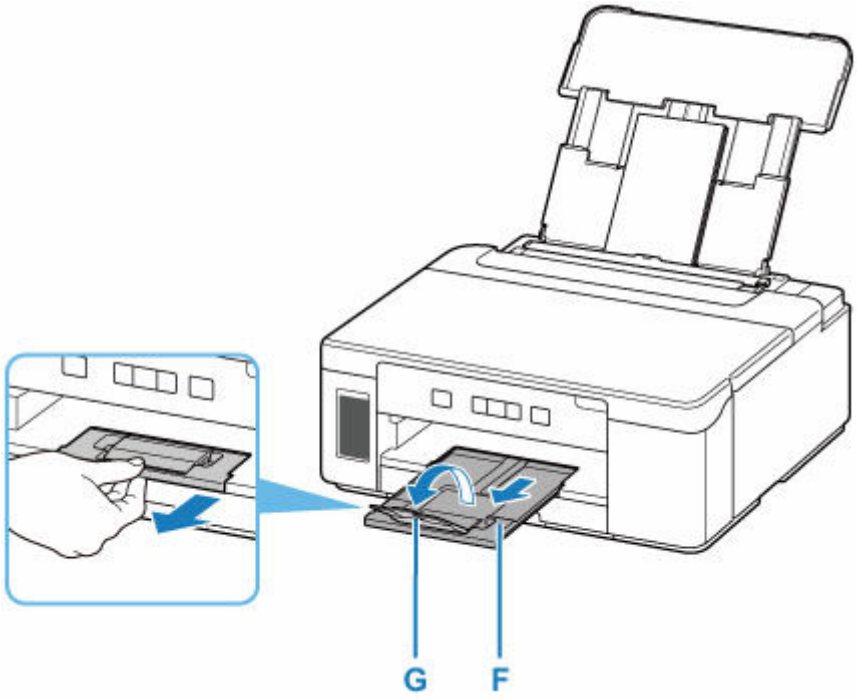
7. Close feed slot cover (C) gently.

Important

- If the feed slot cover is open, paper cannot be fed. Be sure to close the feed slot cover.



8. Pull out paper output tray (F) and open output tray extension (G).

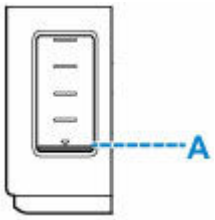


Refilling Ink Tank

- Refilling Ink Tank
- Checking Ink Level
- Ink Tips

Refilling Ink Tank

When remaining ink cautions or errors occur, the **Alarm** lamp will flash to inform you of the error. In this state, the printer cannot print. Check the remaining ink level with the ink tank indicator on the front of the printer. If the ink level is near the lower limit line (A), refill the ink tank.



Note

- If print results become faint or white streaks appear despite sufficient ink levels, see Maintenance Procedure.
- For precautionary notes on handling ink bottles, see Notes on ink bottles.

Refilling Procedure

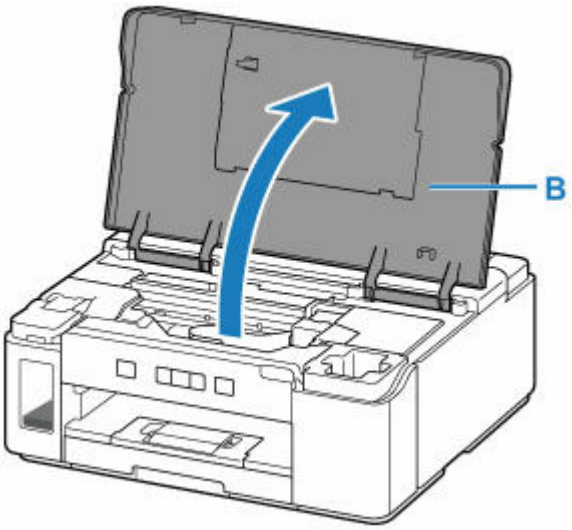
When you refill the ink tank, follow the steps below.

Important

- Please ensure the printer remains flat after initial setup and is NOT turned upside down or on its side, as ink in the printer may leak.

1. Check that printer is turned on.

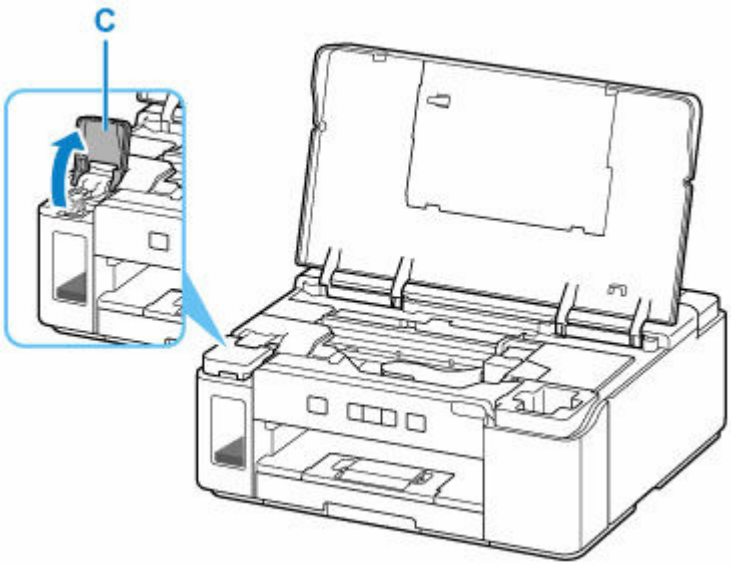
2. Open the top cover (B).



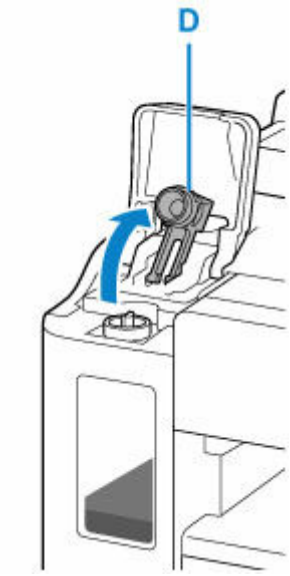
Important

- Do not touch tubes or other parts inside the printer. This can cause trouble with the printer.

3. Open the ink tank cover (C).



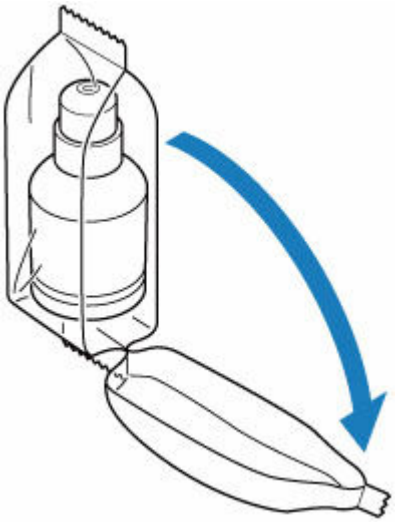
4. Open the tank cap (D) of the ink tank.



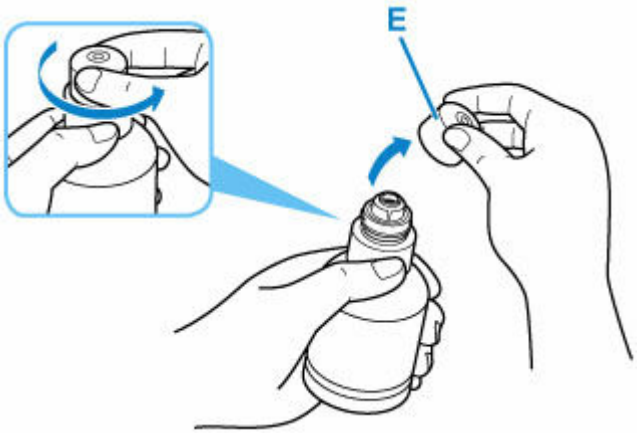
Important

- Carefully open the tank cap of the ink tank. Ink on the inside of the tank cap may spatter when opening it.

5. Take a new ink bottle out of its package.



6. Hold the ink bottle upright and gently twist the bottle cap (E) to remove.



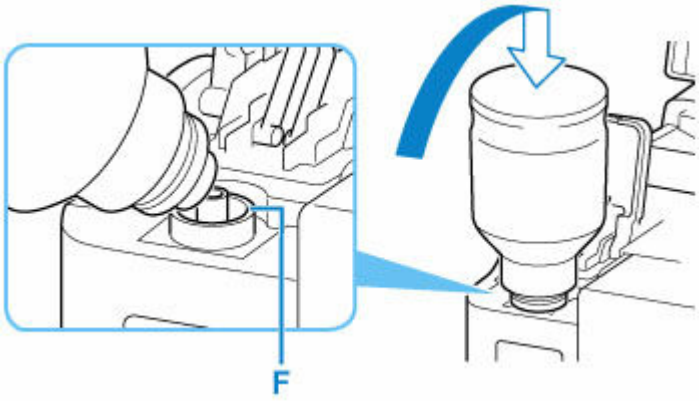
Important

- Do not shake the ink bottle. Ink may spatter when opening the cap.

7. Refill the ink tank.

Aligning the ink bottle's tip with the printer's inlet (F), slowly stand the bottle upside down, and push the bottle into the inlet.

The ink tank is refilled. Support the bottle with your hand so that it does not fall.



Important

- If ink is not injected into the ink tank, slowly remove and insert the ink bottle.
- Make sure to refill the ink tank with ink up to the upper limit line (G) on the ink tank.



8. Once ink reaches the upper limit line, remove the ink bottle from the inlet.

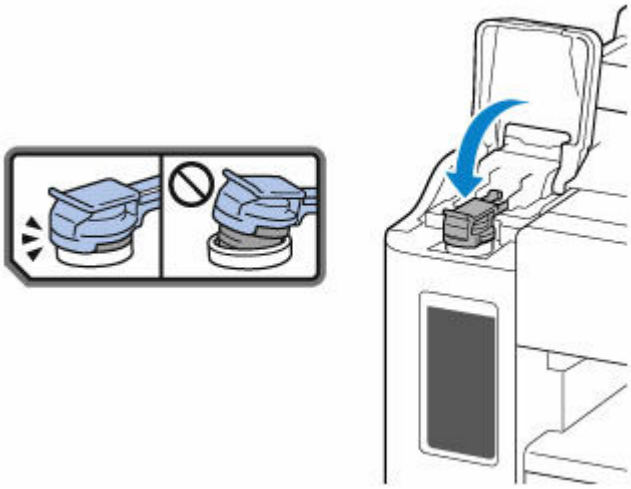
Hold up the ink bottle slightly and remove the bottle from the inlet while slowly tilting it.

Important

- Do not leave an ink bottle in the ink tank.
- Close the bottle cap of the ink bottle securely and store the ink bottle upright.
- Discard empty ink bottles in compliance with local laws and regulations regarding disposal of consumables.

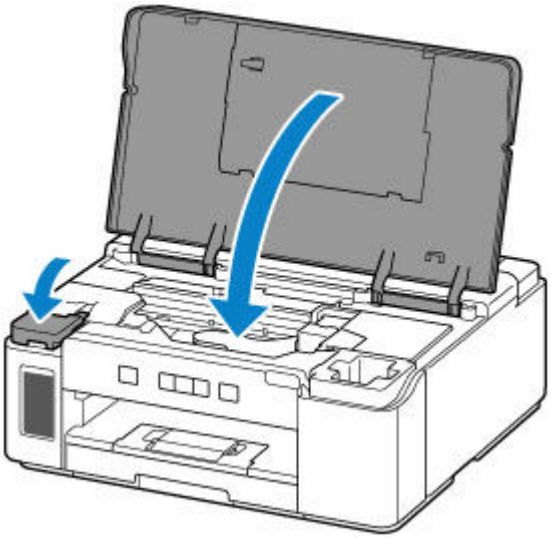
9. Close the tank cap of the ink tank.

Make sure the tank cap is completely inserted.



10. Close the ink tank cover.

11. Close top cover gently.



Note

- If the **Alarm** lamp flashes after the top cover is closed, take appropriate action.

  ➡ An Error Occurs

- The printer may make noise during operation.

Notes on ink bottles

Important

- Keep out of reach of children.
- Do not drink ink.
- Be careful not to get any ink in your eyes or in your mouth. (In case of eye contact or swallowing, rinse with water and contact a doctor immediately).
- When you store ink bottles, close bottle caps completely and place bottles in standing position. If the ink bottles are laid down, ink may leak.
- When refilling the ink tank, take sufficient care to prevent ink from spattering onto surroundings.
- Ink may stain clothes or other belongings permanently. Washing may not remove ink stains.
- Do not use ink bottles and ink contained therein except to refill tanks of printers specified by Canon.
- Do not leave ink bottles in areas exposed to high temperature, such as near fire or a heater or in a car. Bottles may warp and cause ink leakage or ink may become poor quality.
- Do not subject ink bottles to impacts. Ink bottles may be damaged or bottle caps may come off by such impact, and ink may leak.
- Do not transfer ink to other containers. This may result in accidental ingestion, inappropriate use, or poor ink quality.
- Do not mix ink with water or other ink. This may damage the printer.
- Once an ink bottle has been opened, do not leave it with bottle cap off. Ink will dry out, possibly preventing proper operation of the printer when an ink tank is refilled using this bottle.
- To obtain optimum print quality, we recommend to refill the ink tank with ink up to the upper limit line at least once a year.

Note

- When an optional FINE cartridge is installed, ink other than black ink may be consumed even when printing a black-and-white document and photo. Every ink is also consumed in the standard cleaning and deep cleaning which may be necessary to maintain the performance of the printer.

  When ink runs low, promptly refill it.

  ➡ Ink Tips

Checking Ink Level

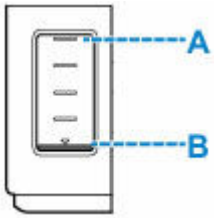
Check ink level with the ink tank indicator on the front of the printer.

When ink reaches the upper limit line (A), ink is full.

When ink is near the lower limit line (B), ink is running low. Refill the ink tank.

Note

- To check the remaining ink level, visually inspect the remaining ink in the ink tank.



Important

- If printing is continued when the remaining ink level is below the lower limit line, the printer may consume a certain amount of ink to return to printable status and may also become damaged.

Note

- When you refill the ink tank, refill the ink tank until ink reaches the upper limit line (A). If ink does not reach the upper limit line, the remaining ink level is not detected correctly.
- If a remaining ink error occurs, the **Alarm** lamp flashes to inform you of the error.

  ➡ An Error Occurs
- To ensure you receive premium print quality and to help protect your print head, a certain amount of ink remains in the ink tank when the printer indicates to refill the ink tank. The estimated page yields of the ink bottle do not include this amount.
- Ink flows from the ink tank to the inside of the printer. Ink may seem to run out fast due to this procedure when you start using the printer or after transporting it.

Ink Tips

How is ink used for various purposes other than printing?

Ink may be used for purposes other than printing.

During initial setup, some of the ink from the bundled ink bottles is used to fill the print head's nozzles to ensure the printer is print-ready.

Therefore, the page yield of the initial bundled set of ink bottles is lower than that of the subsequent sets of bottles.

To keep printer's performance, Canon printer performs cleaning automatically according to its condition. When the printer performs cleaning, a small amount of ink is consumed. In this case, all colors of ink may be consumed.

[Cleaning function]

The cleaning function helps the printer to suck air bubbles or ink itself from the nozzle and thus prevents print quality degradation or nozzle clogging.

Does black-and-white printing use color ink?

When an optional FINE cartridge is installed, black-and-white printing may use ink other than black ink depending on the type of printing paper or the settings of the printer driver. So, color ink is consumed even when printing in black-and-white.

Similarly, color inks are also consumed along with black ink during print head cleaning when Black is specified for cleaning.

If Printing Is Faint or Uneven

- Maintenance Procedure
- Printing the Nozzle Check Pattern
- Examining the Nozzle Check Pattern
- Cleaning the Print Head
- Aligning the Print Head

Maintenance Procedure

If print results are blurred, colors are not printed correctly, or print results are unsatisfactory (e.g. misaligned printed ruled lines), perform the maintenance procedure below.

Important

- Do not rinse or wipe the print head. This can cause trouble with the print head.

Note

- Check if ink remains in the ink tank.
  - ➡ Checking Ink Level
- If the **Alarm** lamp lights or flashes, see An Error Occurs.
- Increasing the print quality in the printer driver settings may improve the print result.
  - ➡ Changing the Print Quality and Correcting Image Data

When the Print Results Are Blurred or Uneven:

Step1 Print the nozzle check pattern.

From the printer

➡ Printing the Nozzle Check Pattern

From the computer

➡ Printing a Nozzle Check Pattern

Step2 Examine the nozzle check pattern.

If there are missing lines or horizontal white streaks in the pattern:

Step3 Clean the print head.

From the printer

➡ Cleaning the Print Head

From the computer

➡ Cleaning

After cleaning the print head, print and examine the nozzle check pattern: ➡ Step1

If the problem is not resolved after performing from step 1 to step 3 twice:

Step4 Clean the print head deeply.

➡ Deep Cleaning

After deep print head cleaning, print and examine the nozzle check pattern: ➡ Step1

When you have performed the procedure until step 4 and the problem has not been resolved, turn off the power and clean the print head deeply again after 24 hours. Do not unplug the power cord when turning off the power.

If the problem is still not resolved, perform ink flush.

Ink flush consumes a great amount of ink. Frequent ink flush can rapidly consume ink, so perform ink flush only when necessary.

Important

- If ink flush is performed when the remaining ink level is insufficient, it may cause a failure. Be sure to check the remaining ink level before performing ink flush.

➡ Ink Flush

If the nozzle check pattern is not printed correctly even after performing ink flush, see Check Installation of Print Head.

When the Print Results Are Not Even such as the Ruled Lines Are Misaligned:

Step Align the print head.

From the printer

➡ Aligning the Print Head

From the computer

➡ Adjusting Print Head Position Automatically

Printing the Nozzle Check Pattern

Print the nozzle check pattern to determine whether the ink ejects properly from the print head nozzle.

Note

- If the remaining ink level is low, the nozzle check pattern will not be printed correctly. If the remaining ink level is low, refill the ink tank.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. Check that printer is turned on.
2. Load a sheet of A4 or Letter-sized plain paper in the cassette.

   ➡ Loading Paper in the Cassette
3. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 2 times.

   The nozzle check pattern will be printed.

   Do not perform any other operations until the printer completes the printing of the nozzle check pattern.
4. Examine the nozzle check pattern.

Examining the Nozzle Check Pattern

Examine the nozzle check pattern, and clean the print head if necessary.

Note

- When an optional FINE cartridge is installed, the different nozzle check pattern is printed.

  ➡ Checking Color Pattern

Checking Black-and-White Pattern

1. Check if there are missing lines in the pattern.



If there are missing lines in the pattern:



A: Good
B: Bad (lines are missing)

If the pattern is not printed:

If one of the above is applied, cleaning the print head is required.

Checking Color Pattern

1. Check if there are missing lines in the pattern C or horizontal white streaks in the pattern D.



If there are missing lines in the pattern C:



E: Good
F: Bad (lines are missing)

If there are horizontal white streaks in the pattern D:



G: Good
H: Bad (horizontal white streaks are present)

If any color in the pattern C or the pattern D is not printed:



(Example: Magenta pattern is not printed)

If one of the above is applied, cleaning the print head is required.

Cleaning the Print Head

Clean the print head if lines are missing or if horizontal white streaks are present in the printed nozzle check pattern. Cleaning unclogs the nozzles and restores the print head condition. Cleaning the print head consumes ink, so clean the print head only when necessary.

1. Check that printer is turned on.

2. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 1 time.

   The printer starts cleaning the print head.

   The cleaning will be complete when the **ON** lamp lights after flashing.

   Do not perform any other operations until the printer completes the cleaning of the print head. This takes about 1 minutes.

3. Check the print head condition.

   To check the print head condition, print the nozzle check pattern.

Note

- If the problem is not resolved after cleaning the print head twice, clean the print head deeply.

Aligning the Print Head

If printed ruled lines are misaligned or print results are otherwise unsatisfactory, adjust the print head position.

Note

- If the remaining ink level is low, the print head alignment sheet will not be printed correctly.

  If the remaining ink level is low, refill the ink tank.

You need to prepare: a sheet of A4 or Letter-sized plain paper

1. Check that printer is turned on.

2. Load a sheet of A4 or Letter-sized plain paper in the cassette.

   ➡ Loading Paper in the Cassette

3. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 4 times.

   The print head alignment sheet is printed, and the print head is aligned automatically.

   This takes about 2 to 3 minutes.

   Note

   - If the automatic adjustment of the print head position has failed, the **Alarm** lamp flashes.

     ➡ An Error Occurs

Note

- If the print results are still not satisfactory after adjusting the print head position as described above, adjust the print head position manually from the computer.

  ➡ Adjusting the Print Head Position Manually

Cleaning

- Cleaning Exterior Surfaces
- Cleaning Inside the Printer (Bottom Plate Cleaning)
- Cleaning Cassette Pads

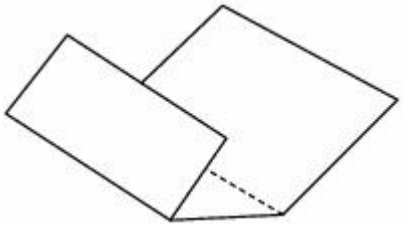
Cleaning Inside the Printer (Bottom Plate Cleaning)

Remove stains from the inside of the printer. If the inside of the printer becomes dirty, printed paper may get dirty, so we recommend performing cleaning regularly.

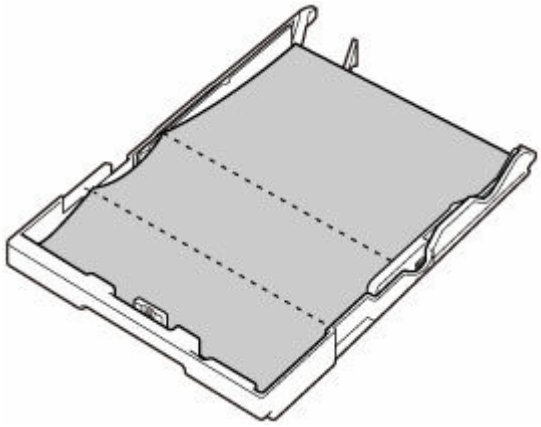
You need to prepare: a sheet of A4 or Letter-sized plain paper*

* Be sure to use a new piece of paper.

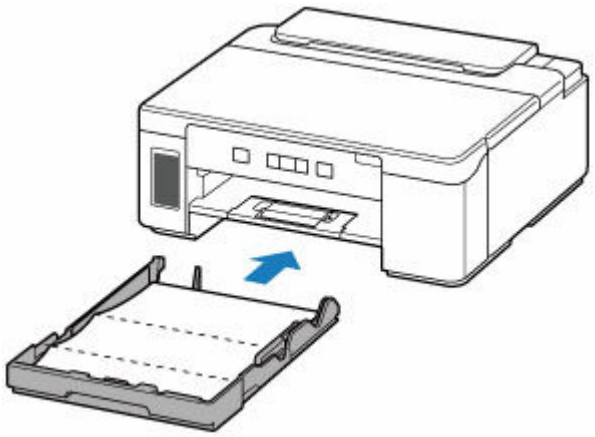
1. Make sure that the power is turned on, then remove any paper from the cassette.
2. Prepare paper.
    1. Fold a single sheet of A4 or Letter-sized plain paper in half widthwise, then unfold the paper.
    2. Fold one side of the opened paper in another half, aligning the edge with the center crease, and then unfold the paper.



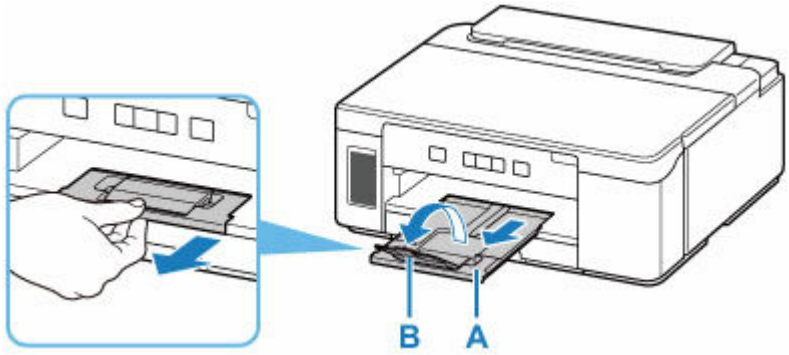
    3. Load only this sheet of paper in the cassette with the ridges of the creases facing up and the edge of the half with no crease facing to the far side.



    4. Insert cassette into printer.



5. Pull out paper output tray (A) and open output tray extension (B).



3. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 5 times.

   The paper cleans the inside of the printer as it feeds through the printer.

   Check the folded parts of the ejected paper. If they are smudged with ink, perform Bottom Plate Cleaning again.

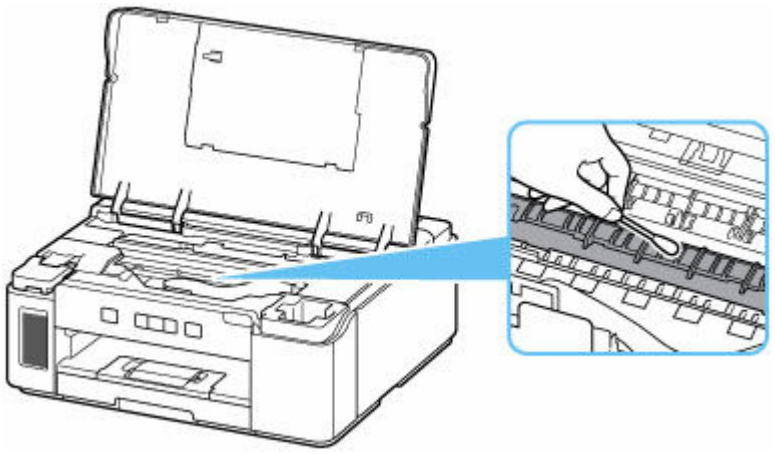
   Note

   - When performing Bottom Plate Cleaning again, be sure to use a new piece of paper.

If the problem is not resolved after performing cleaning again, the protrusions inside the printer may be stained. Wipe off any ink from the protrusions using a cotton swab or the like.

Important

- Before cleaning the printer, turn it off and unplug it.



Overview

- **Safety**
  - Safety Precautions
  - Regulatory Information
  - WEEE (EU & EEA)
- **Handling Precautions**
  - Canceling Print Jobs
  - Legal Restrictions on Printing
  - Printer Handling Precautions
  - Transporting Your Printer
  - When Repairing, Lending, or Disposing of the Printer
  - Keeping Print Quality High
- **Main Components and Their Use**
  - Main Components
  - Power Supply
- **Changing Settings**
  - Changing Printer Settings from Your Computer (Windows)
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- **Specifications**

Safety

- Safety Precautions
- Regulatory Information
- WEEE (EU&EEA)

Safety Precautions

Safety Precautions

- This manual contains important notices and safety precautions about your printer.

  Do not use the printer in ways other than described in the accompanying manuals, as this may result in fire, electric shock or other unexpected accidents.

  Safety standard marks and declarations are only valid for the supported voltages and frequencies in the applicable countries or regions.

⚠ Warning

- Users with cardiac pacemakers:

  This product emits a low-level magnetic flux. If you feel abnormalities, please move away from the product and consult your doctor.

- Do not use the printer in the following cases:

  Stop use immediately, unplug the printer and call your local service representative to request repair.

  - Metal objects or liquids are spilt inside the printer.
  - The printer emits smoke, strange odors, or makes unusual noises.
  - The power cord or plug overheat or are broken, bent or damaged in any way.

- Failure to adhere to the following may result in fire, electric shock, or injury:
  - Do not place product close to the flammable solvents such as alcohol or thinner.
  - Do not open or modify the printer.
  - Use only the power cord/cables that came with your printer. Do not use these cables with other devices.
  - Do not plug in to voltages or frequencies other than those specified.
  - Plug the power cord into the socket completely.
  - Do not plug in or unplug the power cord with wet hands.
  - Do not damage the power cord by twisting, bundling, tying, pulling or excessively bending it.
  - Do not place heavy objects on the power cord.
  - Do not connect multiple power cords to a single electrical outlet. Do not use multiple extension cords.
  - Do not leave the printer plugged in during lightning storms.
  - Always unplug the power cord and cables when cleaning. Do not use flammable sprays or liquids such as alcohol or thinners for cleaning.
  - Unplug the power cord once a month to check that it is not overheating, rusted, bent, scratched, split, or otherwise damaged.

⚠ Caution

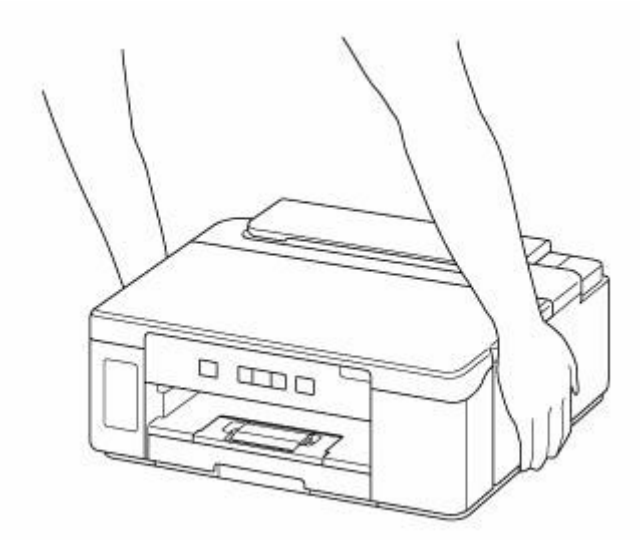
- Do not put your hands inside the printer while printing.
- Do not touch the metal parts of the print head immediately after printing.
- Ink bottles
  - Keep out of reach of children.
  - Do not drink ink.
    If ink is accidentally licked or swallowed, rinse out your mouth or drink one or two glasses of

water and obtain medical advice immediately.
If ink gets into your eyes, flush them with water right away, and obtain medical advice immediately.

- If ink gets on your skin, wash the area with soap and water immediately. If irritation to your skin persists, obtain medical advice immediately.
- When you store ink bottles, close bottle caps completely and place bottles in standing position. If the ink bottles are laid down, ink may leak.
- When refilling ink tanks, take sufficient care to prevent ink from spattering onto surroundings.
- Ink may stain clothes or other belongings permanently. Washing may not remove ink stains.
- Do not leave ink bottles in areas exposed to high temperature, such as near fire or a heater or in a car. Bottles may warp and cause ink leakage or ink may become poor quality.
- Do not subject ink bottles to impacts. Ink bottles may be damaged or bottle caps may come off by such impact, and ink may leak.
- Do not transfer ink to other containers. This may result in accidental ingestion, inappropriate use, or poor ink quality.

- When using the optional FINE cartridge
  - Do not touch the metal parts of the FINE cartridge immediately after printing.
  - Keep ink out of reach of children.
  - If ink is accidentally licked or swallowed, rinse out your mouth and drink one or two glasses of water. If irritation or discomfort occurs, obtain medical advice immediately.
  - In case ink gets in contact with eyes, rinse with water immediately. In case ink gets in contact with skin, wash with soap and water immediately. If irritation to eyes or skin persists, obtain medical advice immediately.
- Moving the printer
  - Do not hold the printer by the cassette. Hold the printer by its sides and carry it with both hands.





General Notices

Choosing a Location

Refer to "Specifications" in the Online manual for details on operating environment.

- Do not install the printer in a location that is unstable or subject to excessive vibration.
- Do not install the printer in locations that get very hot (direct sunlight, or close to a heating source), very humid or dusty locations, or outdoors.
- Do not place the printer on a thick rug or carpet.
- Do not place the printer flush against a wall.

Power Supply

- Keep the area around the power outlet clear at all times so you can easily unplug the power cord if necessary.
- Never remove the plug by pulling on the cord.

General Notices

- Do not tilt the printer, stand it on end, or turn it upside down. This may cause ink to leak.
- Do not place anything on top of the printer. Be especially careful to avoid metal objects such as paper clips and staples, and containers holding flammable liquids such as alcohol or thinner.
- Modifying or dismantling the print head or ink bottles, such as by putting holes in them, could cause the ink to leak out and cause a malfunction. We recommend that you do not modify or dismantle them.
- Do not put the print head or ink bottles into a fire.

When using the optional FINE cartridge

- Do not throw FINE cartridges in the fire.

Regulatory Information

Users in Europe

Product Information for the requirement of COMMISSION REGULATION (EU)

The power consumption in Off Mode or network standby and the transition time to Off or network standby are as follows:
https://www.canon-europe.com/consumer/lot26/

Interference

Do not use the printer around medical equipment or other electronic devices. Signals from the printer may interfere with the correct operation of these devices.

WEEE (EU&EEA)

Only for European Union and EEA (Norway, Iceland and Liechtenstein)



This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2012/19/EU) and national legislation. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/weee.

Nur für Europäische Union und EWR (Norwegen, Island und Liechtenstein)



Dieses Symbol weist darauf hin, dass dieses Produkt gemäß der EU-Richtlinie über Elektro- und Elektronik-Altgeräte (2012/19/EU) und nationalen Gesetzen nicht über den Hausmüll entsorgt werden darf. Dieses Produkt muss bei einer dafür vorgesehenen Sammelstelle abgegeben werden. Dies kann z. B. durch Rückgabe beim Kauf eines ähnlichen Produkts oder durch Abgabe bei einer autorisierten Sammelstelle für die Wiederaufbereitung von Elektro- und Elektronik-Altgeräten geschehen. Der unsachgemäße Umgang mit Altgeräten kann aufgrund potentiell gefährlicher Stoffe, die generell mit Elektro- und Elektronik-Altgeräten in Verbindung stehen, negative Auswirkungen auf die Umwelt und die menschliche Gesundheit haben. Durch die umweltgerechte Entsorgung dieses Produkts tragen Sie außerdem zu einer effektiven Nutzung natürlicher Ressourcen bei. Informationen zu Sammelstellen für Altgeräte erhalten Sie bei Ihrer Stadtverwaltung, dem öffentlich-rechtlichen Entsorgungsträger, einer autorisierten Stelle für die Entsorgung von Elektro- und Elektronik-Altgeräten oder Ihrem örtlichen Entsorgungsunternehmen. Weitere Informationen zur Rückgabe und Entsorgung von Elektro- und Elektronik-Altgeräten finden Sie unter www.canon-europe.com/weee.

Union Européenne, Norvège, Islande et Liechtenstein uniquement.



Ce symbole indique que ce produit ne doit pas être jeté avec les ordures ménagères, conformément à la directive DEEE (2012/19/UE) et à la réglementation de votre pays. Ce produit doit être confié au distributeur à chaque fois que vous achetez un produit neuf similaire, ou à un point de collecte mis en place par les collectivités locales pour le recyclage des Déchets des Équipements Électriques et Électroniques (DEEE). Le traitement inapproprié de ce type de déchet risque d'avoir des répercussions sur l'environnement et la santé humaine, du fait de la présence de substances potentiellement dangereuses généralement associées aux équipements électriques et électroniques. Parallèlement, votre entière coopération dans le cadre de la mise au rebut correcte de ce produit favorisera une meilleure utilisation des ressources naturelles. Pour plus d'informations sur les points de collecte des équipements à recycler, contactez vos services municipaux, les autorités locales compétentes, le plan DEEE approuvé ou le service d'enlèvement des ordures ménagères. Pour plus d'informations sur le retour et le recyclage des produits DEEE, consultez le site: www.canon-europe.com/weee.

Uitsluitend bestemd voor de Europese Unie en EER (Noorwegen, IJsland en Liechtenstein)



Dit symbool geeft aan dat dit product in overeenstemming met de AEEA-richtlijn (2012/19/EU) en de nationale wetgeving niet mag worden afgevoerd met het huishoudelijk afval. Dit product moet worden ingeleverd bij een aangewezen, geautoriseerd inzamelpunt, bijvoorbeeld wanneer u een nieuw gelijksoortig product aanschaft, of bij een geautoriseerd inzamelpunt voor hergebruik van elektrische en elektronische apparatuur (EEA). Een onjuiste afvoer van dit type afval kan leiden tot negatieve effecten op het milieu en de volksgezondheid als gevolg van potentieel gevaarlijke stoffen die veel voorkomen in elektrische en elektronische apparatuur (EEA). Bovendien werkt u door een juiste afvoer van dit product mee aan het effectieve gebruik van natuurlijke hulpbronnen. Voor meer informatie over waar u uw afgedankte apparatuur kunt inleveren voor recycling kunt u contact opnemen met het gemeentehuis in uw woonplaats, de reinigingsdienst, of het afvalverwerkingsbedrijf. U kunt ook het schema voor de afvoer van afgedankte elektrische en elektronische apparatuur (AEEA) raadplegen. Ga voor meer informatie over het inzamelen en recyclen van afgedankte elektrische en elektronische apparatuur naar www.canon-europe.com/weee.

Sólo para la Unión Europea y el Área Económica Europea (Noruega, Islandia y Liechtenstein)



Este símbolo indica que este producto no debe desecharse con los desperdicios domésticos, de acuerdo con la directiva RAEE (2012/19/UE) y con la legislación nacional. Este producto debe entregarse en uno de los puntos de recogida designados, como por ejemplo, entregándolo en el lugar de venta al comprar un producto similar o depositándolo en un lugar de recogida autorizado para el reciclado de residuos de aparatos eléctricos y electrónicos (RAEE). La manipulación inapropiada de este tipo de desechos podría tener un impacto negativo en el entorno y la salud humana, debido a las sustancias potencialmente

peligrosas que normalmente están asociadas con los RAEE. Al mismo tiempo, su cooperación a la hora de desechar correctamente este producto contribuirá a la utilización eficazde los recursos naturales. Para más información sobre cómo puede eliminar el equipo para su reciclado, póngase en contacto con las autoridades locales, con las autoridades encargadas de los desechos, con un sistema de gestión RAEE autorizado o con el servicio de recogida de basuras doméstico. Si desea más información acerca de la devolución y reciclado de RAEE, visite la web www.canon-europe.com/weee.

Només per a la Unió Europea i a l'Espai Econòmic Europeu (Noruega, Islàndia i Liechtenstein)



Aquest símbol indica que aquest producte no s'ha de llençar a les escombraries de la llar, d'acord amb la Directiva RAEE (2012/19/UE) i la legislació nacional. Aquest producte s'hauria de lliurar en un dels punts de recollida designats, com per exemple, intercanviant-lo un per un en comprar un producte similar o lliurant-lo en un lloc de recollida autoritzat per al reciclatge de residus d'aparells elèctrics i electrònics (AEE). La manipulació inadequada d'aquest tipus de residus podria tenir un impacte negatiu en l'entorn i en la salut humana, a causa de les substàncies potencialment perilloses que normalment estan associades als AEE. Així mateix, la vostra cooperació a l'hora de llençar correctament aquest producte contribuirà a la utilització efectiva dels recursos naturals. Per a més informació sobre els punts on podeu lliurar aquest producte per procedir al seu reciclatge, adreceu-vos a la vostra oficina municipal, a les autoritats encarregades dels residus, al pla de residus homologat per la RAEE o al servei de recollida de deixalles domèstiques de la vostra localitat. Per a més informació sobre la devolució i el reciclatge de productes RAEE, visiteu www.canon-europe.com/weee.

Solo per Unione Europea e SEE (Norvegia, Islanda e Liechtenstein)



Questo simbolo indica che il prodotto deve essere oggetto di raccolta separata in conformità alla Direttiva RAEE (2012/19/UE) e alla normativa locale vigente. Il prodotto deve essere smaltito presso un centro di raccolta differenziata, un distributore autorizzato che applichi il principio dell'"uno contro uno", ovvero del ritiro della vecchia apparecchiatura elettrica al momento dell'acquisto di una nuova, o un impianto autorizzato al riciclaggio dei rifiuti di apparecchiature elettriche ed elettroniche. La gestione impropria di questo tipo di rifiuti può avere un impatto negativo sull'ambiente e sulla salute umana causato dalle sostanze potenzialmente pericolose che potrebbero essere contenute nelle apparecchiature elettriche ed elettroniche. Un corretto smaltimento di tali prodotti contribuirà inoltre a un uso efficace delle risorse naturali ed eviterà di incorrere nelle sanzioni amministrative di cui all'art. 255 e successivi del Decreto Legislativo n. 152/06. Per ulteriori informazioni sullo smaltimento e il recupero dei Rifiuti di Apparecchiature Elettriche ed Elettroniche, consultare la Direttiva RAEE, rivolgersi alle autorità competenti, oppure visitare il sito www.canon-europe.com/weee.

Apenas para a União Europeia e AEE (Noruega, Islândia e Liechtenstein)



Este símbolo indica que o produto não deve ser colocado no lixo doméstico, de acordo com a Directiva REEE (2012/19/UE) e a legislação nacional. Este produto deverá ser colocado num ponto de recolha designado, por exemplo, num local próprio autorizado quando adquirir um produto semelhante novo ou num local de recolha autorizado para reciclar resíduos de equipamentos eléctricos e electrónicos (EEE). O tratamento inadequado deste tipo de resíduo poderá causar um impacto negativo no ambiente e na saúde humana devido às substâncias potencialmente perigosas normalmente associadas aos equipamentos eléctricos e electrónicos. Simultaneamente, a sua cooperação no tratamento correcto deste produto contribuirá para a utilização eficaz dos recursos naturais. Para mais informações sobre os locais onde o equipamento poderá ser reciclado, contacte os serviços locais, a autoridade responsável pelos resíduos, o esquema REEE aprovado ou o serviço de tratamento de lixo doméstico. Para mais informações sobre a devolução e reciclagem de produtos REEE, vá a www.canon-europe.com/weee.

Gælder kun i Europæiske Union og EØS (Norge, Island og Liechtenstein)



Dette symbol angiver, at det pågældende produkt ikke må bortskaffes sammen med dagrenovation jf. direktivet om affald af elektrisk og elektronisk udstyr (WEEE) (2012/19/EU) og gældende national lovgivning. Det pågældende produkt skal afleveres på et nærmere specificeret indsamlingssted, f.eks. i overensstemmelse med en godkendt én-til-én-procedure, når du indkøber et nyt tilsvarende produkt, eller produktet skal afleveres på et godkendt indsamlingssted for elektronikaffald. Forkert håndtering af denne type affald kan medføre negative konsekvenser for miljøet og menneskers helbred på grund af de potentielt sundhedsskadelige stoffer, der generelt kan forefindes i elektrisk og elektronisk udstyr. Når du foretager korrekt bortskaffelse af det pågældende produkt, bidrager du til effektiv brug af naturressourcerne. Yderligere oplysninger om, hvor du kan bortskaffe dit elektronikaffald med henblik på genanvendelse, får du hos de kommunale renovationsmyndigheder. Yderligere oplysninger om returnering og genanvendelse af affald af elektrisk og elektronisk udstyr får du ved at besøge www.canon-europe.com/weee.

Μόνο για την Ευρωπαϊκή Ένωση και τον ΕΟΧ (Νορβηγία, Ισλανδία και Λιχτενστάιν)



Αυτό το σύμβολο υποδηλώνει ότι αυτό το προϊόν δεν πρέπει να απορρίπτεται μαζί με τα οικιακά απορρίμματα, σύμφωνα με την Οδηγία σχετικά με τα Απόβλητα Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΑΗΗΕ) (2012/19/ΕΕ) και την εθνική σας νομοθεσία. Αυτό το προϊόν πρέπει να παραδίδεται σε καθορισμένο σημείο συλλογής, π.χ. σε μια εξουσιοδοτημένη βάση ανταλλαγής όταν αγοράζετε ένα νέο παρόμοιο προϊόν ή σε μια εξουσιοδοτημένη θέση συλλογής για την ανακύκλωση των αποβλήτων Ηλεκτρικού και Ηλεκτρονικού Εξοπλισμού (ΗΗΕ). Ο ακατάλληλος χειρισμός αυτού του τύπου αποβλήτων μπορεί να έχει αρνητικό αντίκτυπο στο περιβάλλον και την υγεία του ανθρώπου, λόγω δυνητικώς επικίνδυνων ουσιών που γενικά συνδέονται με τον ΗΗΕ. Ταυτόχρονα, η συνεργασία σας όσον αφορά τη σωστή απόρριψη αυτού του προϊόντος θα συμβάλει στην αποτελεσματική χρήση των φυσικών πόρων. Για περισσότερες πληροφορίες σχετικά με τα σημεία όπου μπορείτε να απορρίψετε τον εξοπλισμό σας για ανακύκλωση, επικοινωνήστε με το τοπικό γραφείο της πόλης σας, την υπηρεσία απορριμμάτων, το εγκεκριμένο σχήμα ΑΗΗΕ ή την υπηρεσία απόρριψης οικιακών αποβλήτων. Για περισσότερες πληροφορίες σχετικά με την επιστροφή και την ανακύκλωση των προϊόντων ΑΗΗΕ, επισκεφθείτε την τοποθεσία www.canon-europe.com/weee.

Gjelder kun den europeiske union og EØS (Norge, Island og Liechtenstein)



Dette symbolet indikerer at dette produktet ikke skal kastes sammen med husholdningsavfall, i henhold til WEEE-direktiv (2012/19/EU) og nasjonal lov. Produktet må leveres til et dertil egnet innsamlingspunkt, det vil si på en autorisert en-til-en-basis når du kjøper et nytt lignende produkt, eller til et autorisert innsamlingssted for resirkulering av avfall fra elektrisk og elektronisk utstyr (EE-utstyr). Feil håndtering av denne typen avfall kan være miljø- og helseskadelig på grunn av potensielt skadelige stoffer som ofte brukes i EE-utstyr. Samtidig bidrar din innsats for korrekt avhending av produktet til effektiv bruk av naturressurser. Du kan få mer informasjon om hvor du kan avhende utrangert utstyr til resirkulering ved å kontakte lokale myndigheter, et godkjent WEEE-program eller husholdningens renovasjonsselskap. Du finner mer informasjon om retur og resirkulering av WEEE-produkter på www.canon-europe.com/weee.

Vain Euroopan unionin sekä ETA:n (Norja, Islanti ja Liechtenstein) alueelle.



Tämä tunnus osoittaa, että sähkö- ja elektroniikkalaiteromua koskeva direktiivi (SER-direktiivi, 2012/19/EU) sekä kansallinen lainsäädäntö kieltävät tuotteen hävittämisen talousjätteen mukana. Tuote on vietävä asianmukaiseen keräyspisteeseen, esimerkiksi kodinkoneliikkeeseen uutta vastaavaa tuotetta ostettaessa tai viralliseen sähkö- ja elektroniikkalaiteromun keräyspisteeseen. Sähkö- ja elektroniikkalaiteromun virheellinen käsittely voi vahingoittaa ympäristöä ja ihmisten terveyttä, koska laitteet saattavat sisältää ympäristölle ja terveydelle haitallisia aineita. Lisäksi tuotteen asianmukainen hävittäminen säästää luonnonvaroja. Lisätietoja sähkö- ja elektroniikkalaiteromun keräyspisteistä saat kaupunkien ja kuntien tiedotuksesta, jätehuoltoviranomaisilta, sähkö- ja elektroniikkalaiteromun

kierrätysjärjestelmän ylläpitäjältä ja jätehuoltoyhtiöltä. Lisätietoja sähkö- ja elektroniikkalaiteromun keräyksestä ja kierrätyksestä on osoitteessa www.canon-europe.com/weee.

Endast för Europeiska unionen och EES (Norge, Island och Liechtenstein)



Den här symbolen visar att produkten enligt WEEE-direktivet (2012/19/EU) och nationell lagstiftning inte får sorteras och slängas som hushållsavfall. Den här produkten ska lämnas in på en därför avsedd insamlingsplats, t.ex. på en återvinningsstation auktoriserad att hantera elektrisk och elektronisk utrustning (EE-utrustning) eller hos handlare som är auktoriserade att byta in varor då nya, motsvarande köps (en mot en). Olämplig hantering av avfall av den här typen kan ha en negativ inverkan på miljön och människors hälsa på grund av de potentiellt farliga ämnen som kan återfinnas i elektrisk och elektronisk utrustning. Din medverkan till en korrekt avfallshantering av den här produkten bidrar dessutom till en effektiv användning av naturresurserna. Kontakta ditt lokala kommunkontor, berörd myndighet, företag för avfallshantering eller ta del av en godkänd WEEE-organisation om du vill ha mer information om var du kan lämna den kasserade produkten för återvinning. För mer information om inlämning och återvinning av WEEE-produkter, se www.canon-europe.com/weee.

Pouze Evropská unie a EHP (Norsko, Island a Lichtenštejnsko)



Tento symbol znamená, že podle směrnice o OEEZ (2012/19/EU) a podle vnitrostátních právních předpisů nemá být tento výrobek likvidován s odpadem z domácností. Tento výrobek má být vrácen do sběrného místa, např. v rámci autorizovaného systému odběru jednoho výrobku za jeden nově prodaný podobný výrobek nebo v autorizovaném sběrném místě pro recyklaci odpadních elektrických a elektronických zařízení (OEEZ). Nevhodné nakládání s tímto druhem odpadu by mohlo mít negativní dopad na životní prostředí a lidské zdraví, protože elektrická a elektronická zařízení zpravidla obsahují potenciálně nebezpečné látky. Vaše spolupráce na správné likvidaci tohoto výrobku současně napomůže efektivnímu využívání přírodních zdrojů. Další informace o místech sběru vašeho odpadního zařízení k recyklaci vám sdělí místní úřad vaší obce, správní orgán vykonávající dozor nad likvidací odpadu, sběrny OEEZ nebo služba pro odvoz komunálního odpadu. Další informace týkající se vracení a recyklace OEEZ naleznete na adrese www.canon-europe.com/weee.

Csak az Európai Unió és az EGT (Norvégia, Izland és Liechtenstein) országaiban



Ez a szimbólum azt jelzi, hogy a helyi törvények és a WEEE-irányelv (2012/19/EU) szerint a termék nem kezelhető háztartási hulladékként. A terméket a kijelölt nyilvános gyűjtőpontokon kell leadni, például hasonló cserekészülék vásárlásakor, illetve bármelyik, elektromos és elektronikai berendezésekből származó hulladék (WEEE) átvételére feljogosított gyűjtőponton. Az ilyen jellegű hulladékok a nem megfelelő kezelés esetén a bennük található veszélyes anyagok révén ártalmasak lehetnek a környezetre és az emberek egészségére. Továbbá, a termékből származó hulladék megfelelő kezelésével hozzájárulhat a természetes nyersanyagok hatékonyabb hasznosításához. A berendezésekből származó, újrahasznosítható hulladékok elhelyezésére vonatkozó további tudnivalókért forduljon a helyi önkormányzathoz, a közterület-fenntartó vállalathoz, a háztartási hulladék begyűjtését végző vállalathoz, illetve a hivatalos WEEE-képviselethez. További tudnivalókat a WEEE-termékek visszajuttatásáról és újrahasznosításáról a www.canon-europe.com/weee.

Tylko dla krajów Unii Europejskiej oraz EOG (Norwegia, Islandia i Liechtenstein)



Ten symbol oznacza, że zgodnie z dyrektywą WEEE dotyczącą zużytego sprzętu elektrycznego i elektronicznego (2012/19/UE) oraz przepisami lokalnymi nie należy wyrzucać tego produktu razem z odpadami gospodarstwa domowego. Produkt należy przekazać do wyznaczonego punktu gromadzenia odpadów, np. firmie, od której kupowany jest nowy, podobny produkt lub do autoryzowanego punktu gromadzenia zużytego sprzętu elektrycznego i elektronicznego w celu poddania go recyklingowi. Usuwanie tego typu odpadów w nieodpowiedni sposób może mieć negatywny wpływ na otoczenie i zdrowie innych osób ze względu na niebezpieczne substancje stosowane w takim sprzęcie. Jednocześnie pozbycie się zużytego sprzętu w zalecany sposób przyczynia się do właściwego wykorzystania zasobów naturalnych. Aby uzyskać więcej informacji na temat punktów, do których można dostarczyć sprzęt do recyklingu, prosimy skontaktować się z lokalnym urzędem miasta, zakładem utylizacji odpadów, skorzystać z instrukcji zatwierdzonej dyrektywą WEEE lub skontaktować się z przedsiębiorstwem zajmującym się wywozem odpadów domowych. Więcej informacji o zwracaniu i recyklingu zużytego sprzętu elektrycznego i elektronicznego znajduje się w witrynie www.canon-europe.com/weee.

Platí len pre štáty Európskej únie a EHP (Nórsko, Island a Lichtenštajnsko)



Tento symbol znamená, že podľa Smernice 2012/19/EÚ o odpade z elektrických a elektronických zariadení (OEEZ) a podľa platnej legislatívy Slovenskej republiky sa tento produkt nesmie likvidovať spolu s komunálnym odpadom. Produkt je potrebné odovzdať do určenej zberne, napr. prostredníctvom výmeny za kúpu nového podobného produktu, alebo na autorizované zberné miesto, ktoré spracúva odpad z elektrických a elektronických zariadení (EEZ). Nesprávna manipulácia s takýmto typom odpadu môže mať negatívny vplyv na životné prostredie a ľudské zdravie, pretože elektrické a elektronické zariadenia obsahujú potenciálne nebezpečné látky. Spoluprácou na správnej likvidácii produktu prispejete

k účinnému využívaniu prírodných zdrojov. Ďalšie informácie o mieste recyklácie opotrebovaných zariadení získate od miestneho úradu, úradu životného prostredia, zo schváleného plánu OEEZ alebo od spoločnosti, ktorá zaisťuje likvidáciu komunálneho odpadu. Viac informácií nájdete aj na webovej stránke: www.canon-europe.com/weee.

Üksnes Euroopa Liit ja EMP (Norra, Island ja Liechtenstein)



See sümbol näitab, et antud toodet ei tohi vastavalt elektri- ja elektroonikaseadmete jäätmeid käsitlevale direktiivile (2012/19/EL) ning teie riigis kehtivatele õigusaktidele utiliseerida koos olmejäätmetega. Antud toode tuleb anda selleks määratud kogumispunkti, nt müügipunkt, mis on volitatud üks ühe vastu vahetama, kui ostate uue sarnase toote, või elektri- ja elektroonikaseadmete jäätmete ümbertöötlemiseks mõeldud kogumispunkti. Täiendava teabe saamiseks elektri- ja elektroonikaseadmetest tekkinud jäätmete tagastamise ja ümbertöötlemise kohta võtke ühendust kohaliku omavalitsusega, asjakohase valitsusasutusega, asjakohase tootjavastutusorganisatsiooniga või olmejäätmete käitlejaga. Lisateavet leitate ka Interneti-leheküljelt www.canon-europe.com/weee.

Tikai Eiropas Savienībai un EEZ (Norvēģijai, Islandei un Lihtenšteinai)



Šis simbols norāda, ka atbilstoši ES Direktīvai (2012/19/ES) par elektrisko un elektronisko iekārtu atkritumiem (EEIA) un vietējiem tiesību aktiem no šī izstrādājuma nedrīkst atbrīvoties, izmetot to kopā ar sadzīves atkritumiem. Šis izstrādājums ir jānodod piemērotā savākšanas vietā, piemēram, apstiprinātā veikalā, kur iegādājaties līdzīgu jaunu produktu un atstājat veco, vai apstiprinātā vietā izlietotu elektrisko un elektronisko iekārtu pārstrādei. Nepareiza šāda veida atkritumu apsaimniekošana var apdraudēt vidi un cilvēka veselību tādu iespējami bīstamu vielu dēļ, kas parasti ir elektriskajās un elektroniskajās iekārtās. Turklāt jūsu atbalsts pareizā šāda veida atkritumu apsaimniekošanā sekmēs efektīvu dabas resursu izmantošanu. Lai saņemtu pilnīgāku informāciju par vietām, kur izlietoto iekārtu var nodot pārstrādei, sazinieties ar vietējo pašvaldību, atkritumu savākšanas atbildīgo dienestu, pilnvarotu EEIA struktūru vai sadzīves atkritumu apsaimniekošanas iestādi. Lai saņemtu plašāku informāciju par elektrisko un elektronisko iekārtu nodošanu pārstrādei, apmeklējiet tīmekļa vietni www.canon-europe.com/weee.

Tik Europos Sąjungai ir EEE (Norvegijai, Islandijai ir Lichtenšteinui)



Šis ženklas reiškia, kad gaminio negalima išmesti su buitinėmis atliekomis, kaip yra nustatyta Direktyvoje (2012/19/ES) ir nacionaliniuose teisė aktuose dėl EEĮ atliekų tvarkymo. Šį gaminį reikia atiduoti į tam skirtą surinkimo punktą, pvz., pagal patvirtintą keitimo sistemą, kai perkamas panašus gaminys, arba

į elektros ir elektroninės įrangos (EEĮ) atliekų perdirbimo punktą. Netinkamas tokios rūšies atliekų tvarkymas dėl elektros ir elektroninėje įrangoje esančių pavojingų medžiagų gali pakenkti aplinkai ir žmonių sveikatai. Padėdami užtikrinti tinkamą šio gaminio šalinimo tvarką, kartu prisidėsite prie veiksmingo gamtos išteklių naudojimo. Jei reikia daugiau informacijos, kaip šalinti tokias atliekas, kad jos būtų toliau perdirbamos, kreipkitės į savo miesto valdžios institucijas, atliekų tvarkymo organizacijas, patvirtintų EEĮ atliekų sistemų arba jūsų buitinių atliekų tvarkymo įstaigų atstovus. Išsamesnės informacijos apie EEĮ atliekų grąžinimo ir perdirbimo tvarką galite rasti apsilankę tinklalapyje www.canon-europe.com/weee.

Samo za Evropsko unijo in EGP (Norveška, Islandija in Lihtenštajn)



Ta simbol pomeni, da tega izdelka v skladu z direktivo OEEO (2012/19/EU) in državno zakonodajo ne smete odvreči v gospodinjske odpadke. Ta izdelek morate odložiti na ustrezno zbiralno mesto, na primer pri pooblaščenem prodajalcu, ko kupite podoben nov izdelek ali na zbiralno mesto za recikliranje električne in elektronske opreme. Neprimerno ravnanje s takšnimi odpadki lahko negativno vpliva na okolje in človekovo zdravje zaradi nevarnih snovi, ki so povezane z električno in elektronsko opremo. S pravilno odstranitvijo izdelka hkrati prispevate tudi k učinkoviti porabi naravnih virov. Če želite več informacij o tem, kje lahko odložite odpadno opremo za recikliranje, pokličite občinski urad, komunalno podjetje ali službo, ki skrbi za odstranjevanje odpadkov, ali si oglejte načrt OEEO. Če želite več informacij o vračanju in recikliranju izdelkov v skladu z direktivo OEEO, obiščite www.canon-europe.com/weee.

Само за Европейския съюз и ЕИП (Норвегия, Исландия и Лихтенщайн)



Този символ показва, че този продукт не трябва да се изхвърля заедно с битовите отпадъци, съгласно Директивата за ИУЕЕО (2012/19/ЕС) и Вашето национално законодателство. Този продукт трябва да бъде предаден в предназначен за целта пункт за събиране, например на база размяна, когато купувате нов подобен продукт, или в одобрен събирателен пункт за рециклиране на излязло от употреба електрическо и електронно оборудване (ИУЕЕО). Неправилното третиране на този тип отпадъци може да доведе до евентуални отрицателни последствия за околната среда и човешкото здраве поради потенциално опасните вещества, които обикновено са свързани с ЕЕО. В същото време Вашето съдействие за правилното изхвърляне на този продукт ще допринесе за ефективното използване на природните ресурси. Повече информация относно местата, където може да предавате излязло от употреба оборудване за рециклиране, може да получите от местните власти, от органа, отговорен за отпадъците и от одобрена система за излязло от употреба ЕЕО или от Вашата местна служба за битови отпадъци. За повече информация относно връщането и рециклирането на продукти от излязло от употреба ЕЕО посетете www.canon-europe.com/weee.

Doar pentru Uniunea Europeană şi EEA (Norvegia, Islanda şi Liechtenstein)



Acest simbol indică faptul că acest produs nu trebuie aruncat o dată cu reziduurile menajere, în conformitate cu Directiva DEEE (Directiva privind deşeurile de echipamente electrice şi electronice) (2012/19/UE) şi legile naţionale. Acest produs trebuie transportat la un punct de colectare special, de exemplu un centru care preia produsele vechi atunci când achiziţionaţi un produs nou similar, sau la un punct de colectare autorizat pentru reciclarea deşeurilor provenite de la echipamentele electrice şi electronice (EEE). Mânuirea necorespunzătoare a acestor tipuri de deşeuri poate avea un impact negativ asupra mediului înconjurător şi sănătăţii indivizilor, din cauza substanţelor potenţial nocive care sunt în general asociate cu EEE. În acelaşi timp, cooperarea dvs. la reciclarea corectă a acestui produs va contribui la utilizarea efectivă a resurselor naturale. Pentru mai multe informaţii privind locurile de reciclare a deşeurilor provenite de la echipamente, contactaţi biroul primăriei locale, autoritatea responsabilă cu colectarea deşeurilor, schema DEEE aprobată sau serviciul de colectare a deşeurilor menajere. Pentru mai multe informaţii privind returnarea şi reciclarea produselor DEEE, vizitaţi www.canon-europe.com/weee.

Samo za Europsku uniju i EEZ (Norveška, Island i Lihtenštajn)



Ovaj simbol pokazuje da se ovaj proizvod ne smije odlagati s kućnim otpadom sukladno WEEE Direktivi (2012/19/EC) i vašem nacionalnom zakonu. Ovaj proizvod je potrebno predati na posebno mjesto za sakupljanje otpada, npr. na ovlašteno mjesto gdje možete zamijeniti staro za novo ukoliko kupujete novi sličan proizvod ili na ovlašteno mjesto za sakupljanje rabljene električne i elektroničke opreme (EEE) za recikliranje. Nepropisno rukovanje ovom vrstom otpada može imati negativan učinak na okolinu i zdravlje ljudi zbog supstanci koje su potencijalno opasne za zdravlje, a općenito se povezuju s EEE. Istovremeno, vaša će suradnja kroz propisno odlaganje ovog proizvoda doprinijeti efektivnoj uporabi prirodnih resursa. Za više informacija o tome gdje možete odložiti svoj otpad za recikliranje obratite se vašem lokalnom gradskom uredu, komunalnoj službi, odobrenom WEEE programu ili službi za odlaganje kućnog otpada. Ostale informacije o vraćanju i recikliranju WEEE proizvoda potražite na www.canon-europe.com/weee.

Korisnici u Srbiji



Ovaj simbol označava da ovaj proizvod ne sme da se odlaže sa ostalim kućnim otpadom, u skladu sa WEEE Direktivom (2012/19/EU) i nacionalnim zakonima. Ovaj proizvod treba predati određenom centru za prikupljanje, npr. na osnovi "jedan-za-jedan" kada kupujete sličan novi proizvod, ili ovlašćenom centru za prikupljanje za reciklažu istrošene električne i elektronske opreme (EEE). Nepravilno rukovanje

ovom vrstom otpada može da ima moguće negativne posledice po životnu sredinu i ljudsko zdravlje usled potencijalno opasnih materijala koji se uglavnom vezuju za EEE. U isto vreme, vaša saradnja na ispravnom odlaganju ovog proizvoda će doprineti efikasnom korišćenju prirodnih resursa. Za više informacija o tome gde možete da predate vašu staru opremu radi recikliranje, vas molimo, da kontaktirate lokalne gradske vlasti, komunalne službe, odobreni plan reciklaže ili Gradsku čistoću. Za više informacija o vraćanju i recikliranju WEEE proizvoda, posetite stranicu www.canon-europe.com/weee.

Handling Precautions

- Canceling Print Jobs
- Legal Restrictions on Printing
- Printer Handling Precautions
- Transporting Your Printer
- When Repairing, Lending, or Disposing of the Printer
- Keeping Print Quality High

Legal Restrictions on Printing

Printing or modifying printed copies of the following may be punishable under law.

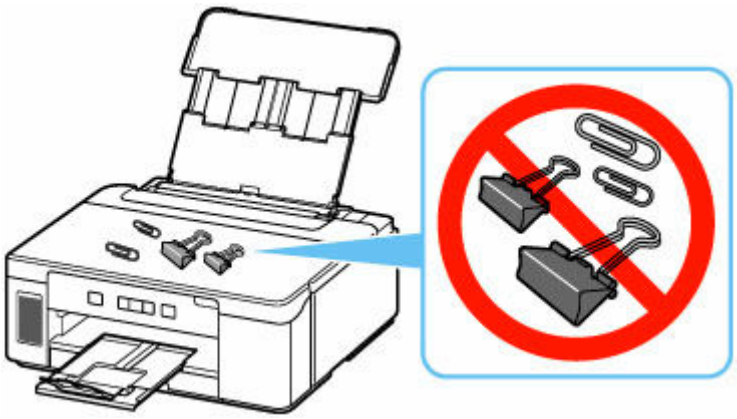
This list is non-exhaustive. When in doubt, check with a local legal representative.

- Paper money
- Money orders
- Certificates of deposit
- Postage stamps (canceled or uncanceled)
- Identification badges or insignia
- Selective service or draft papers
- Checks or drafts issued by governmental agencies
- Motor vehicle licenses and certificates of title
- Traveler's checks
- Food stamps
- Passports
- Immigration papers
- Internal revenue stamps (canceled or uncanceled)
- Bonds or other certificates of indebtedness
- Stock certificates
- Copyrighted works or works of art, without the owner's consent

Printer Handling Precautions

Do not place any object on the top cover!

Do not place any object on the top cover. It will fall into the rear tray when the top cover is opened and cause the printer to malfunction. Also, place the printer where objects will not fall on it.



Transporting Your Printer

When relocating the printer for changing your living place or repairing it, make sure of the following.

Important

- You cannot take ink out of the ink tank.
- Check if the tank cap is completely inserted. If the ink tank cover is not completely closed, insert the tank cap properly.
- With the print head left installed in the printer, press the **ON** button to turn off the power. This allows the printer to automatically cap the print head, thus preventing it from drying.
- Do not remove the print head. Ink may leak.
- If ink stains the inside of the printer, wipe them using a soft cloth dampened with water.
- When transporting the printer, pack the printer in a plastic bag so that ink does not leak.
- Pack the printer in a sturdy box so that it is placed with its bottom facing down, using sufficient protective material to ensure safe transport.
- Do not tilt the printer. Ink may leak.
- When a shipping agent is handling transport of the printer, have its box marked "THIS SIDE UP" to keep the printer with its bottom facing down. Mark also with "FRAGILE" or "HANDLE WITH CARE".



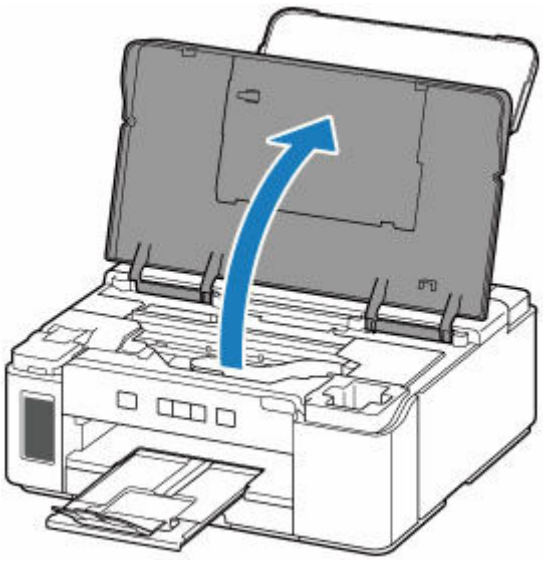
- Please handle with care and ensure the box remains flat and NOT turned upside down or on its side, as the printer may be damaged and ink in the printer may leak.

1. Turn off printer.
2. Check that **ON** lamp is off and unplug power cord.

   ### Important

   - Do not unplug the printer while the **ON** lamp is lit or flashing, as it may cause malfunction or damage to the printer, making the printer unable to print.

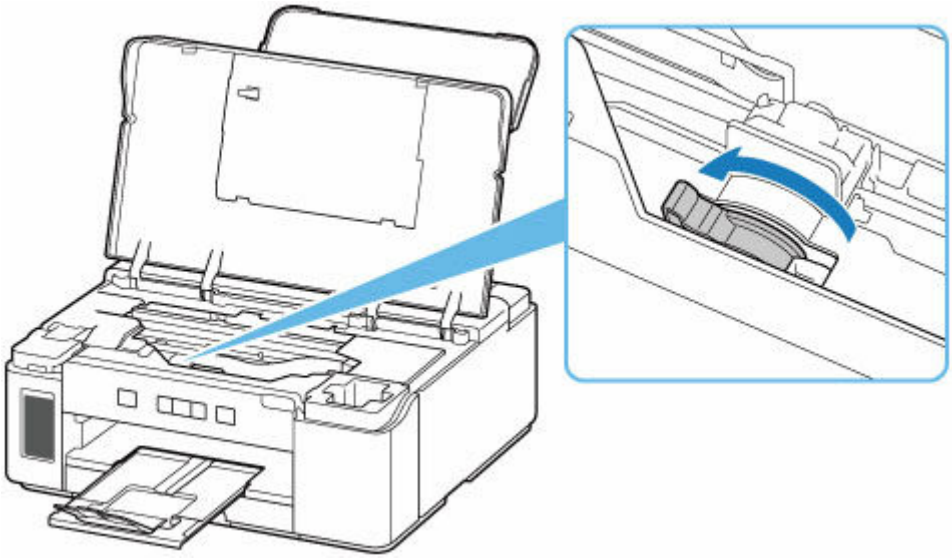
3. Open the top cover.



Important

- Do not touch tubes or other parts inside the printer. This can cause trouble with the printer.

4. Turn the ink valve lever to the left.

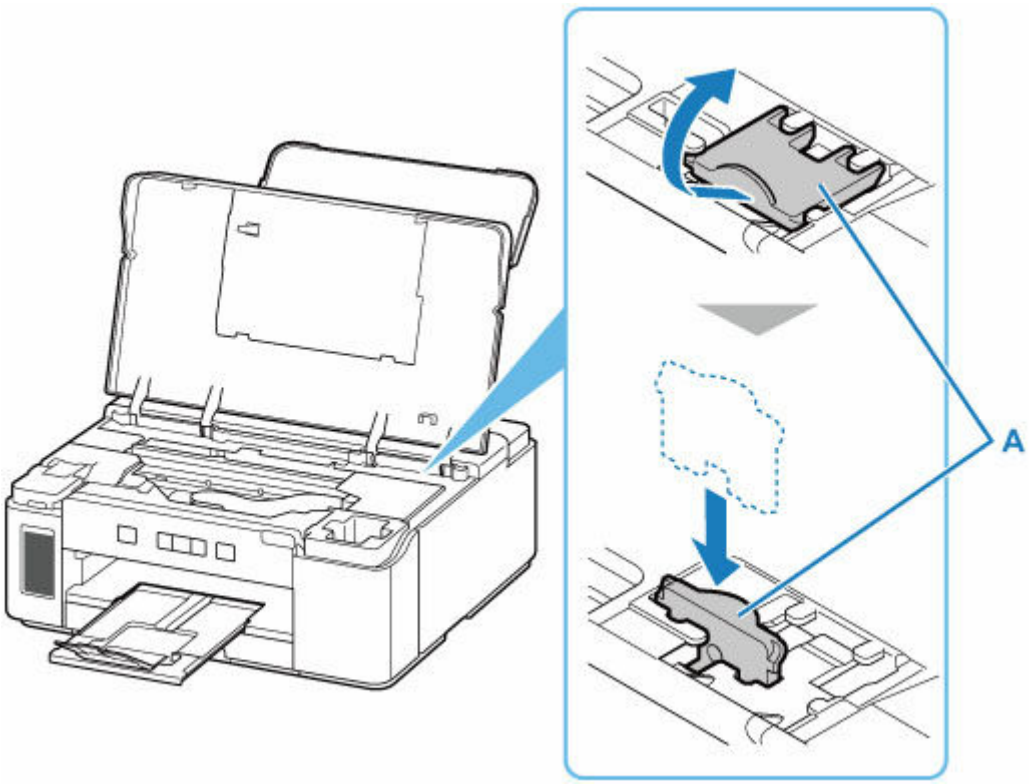


Important

- The inside of the printer may become stained with ink. Be careful not to get your clothes and your hands dirty.

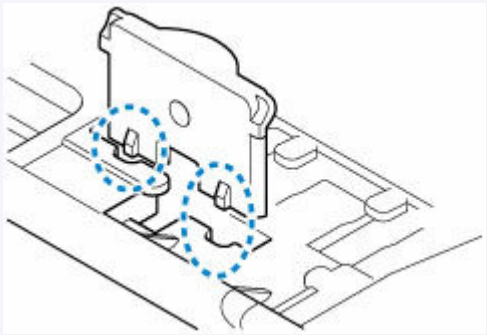
5. Remove the carriage stopper (A) and insert it all the way into the hole in the printer side.

Pull the carriage stopper forward while pulling it up and insert it in the same orientation.



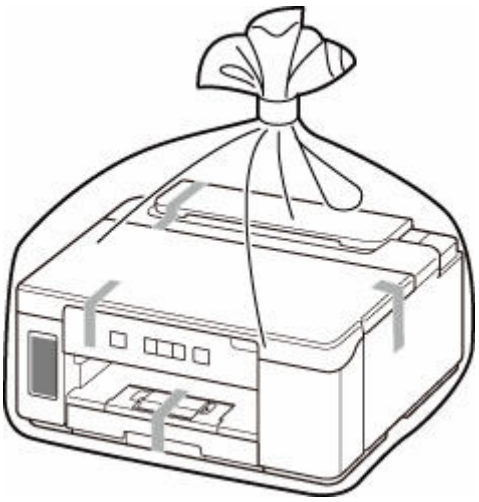
Note

- Insert the carriage stopper by aligning its protrusions with the indentations on the printer.



6. Close top cover gently.
7. Retract the output tray extension and paper output tray.
8. Retract the paper support, and then close the rear tray cover.
9. Unplug the printer cable from the computer and from the printer, then unplug the power cord from the printer.
10. Use adhesive tape to secure all the covers on the printer to keep them from opening during transportation. Then pack the printer in the plastic bag.

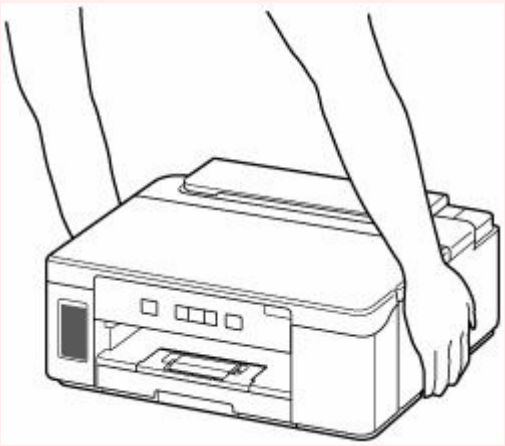
    Close and seal the opening of the bag with an object such as tape so as not to leak ink.



11. Attach the protective material to the printer when packing the printer in the box.

Important

- We recommend to hold and carry out this printer as shown in the figure below. If you hold the cassette, it may fall out of the printer.



Important

- After transporting your printer, remove the carriage stopper, place it in the original position, turn the ink valve lever to the right, and then turn on the printer.

When Repairing, Lending, or Disposing of the Printer

If you have entered personal data, passwords and/or other security settings on the printer, such information may be stored in the printer.

When sending the printer for repair, lending or transferring the printer to another person, or disposing of the printer, please be sure to follow the steps below in order to delete such information and prevent third parties from accessing it.

1. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 15 times.

   All the printer settings are initialized.

Keeping Print Quality High

The key to printing with the optimal printing quality is to prevent the print head from drying or clogging. Always observe the following rules for optimal printing quality.

Note

- Depending on the type of paper, ink may blur if you trace the printed area with a highlight pen or paint-stick, or bleed if water or sweat comes in contact with the printed area.

Never unplug the power cord until the power is turned off!

If you press the **ON** button to turn off the power, the printer caps the print head (nozzles) automatically to prevent from drying. If you unplug the power cord from the wall outlet before the **ON** lamp is turned off, the print head will not be capped properly and this will cause drying or clogging.

When unplugging the power cord, check that the **ON** lamp is not lit.

Print periodically!

Just as the tip of a felt pen becomes dry and unusable if it has not been used for a long time, even if it is capped, the print head too, may become dried or clogged if the printer has not been used for a long time. We recommend you to use the printer at least once a month.

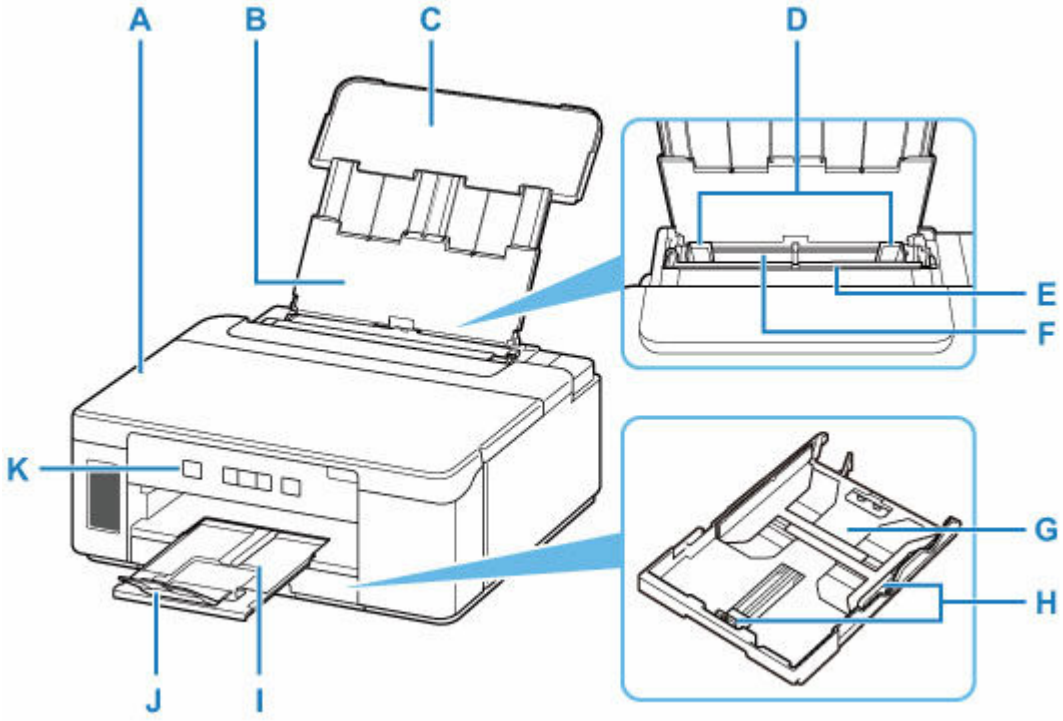
Main Components and Their Use

- Main Components
- Power Supply

Main Components

- Front View
- Rear View
- Inside View
- Operation Panel

Front View



A: Top Cover

Open to refill the ink tank and to remove jammed paper.

B: Paper Support

Extend to load paper in the rear tray.

C: Rear Tray Cover

Open to load paper in the rear tray.

D: Paper Guides

Align with both sides of the paper stack.

E: Feed Slot Cover

Prevents anything from falling into the feed slot.

Open it to slide the paper guides, and close it before printing.

F: Rear Tray

Load paper here. Two or more sheets of the same size and type of paper can be loaded at the same time, and fed automatically one sheet at a time.

➡ Loading Paper in the Rear Tray
➡ Loading Envelopes in Rear Tray

G: Cassette

Load A4, B5, A5, or Letter-sized plain paper into the cassette, and insert it into the printer.

➡ Loading Paper in the Cassette

H: Paper Guides

Align with right/left/front sides of the paper stack.

I: Paper Output Tray

Printed paper is ejected. Pull out it before printing.

J: Output Tray Extension

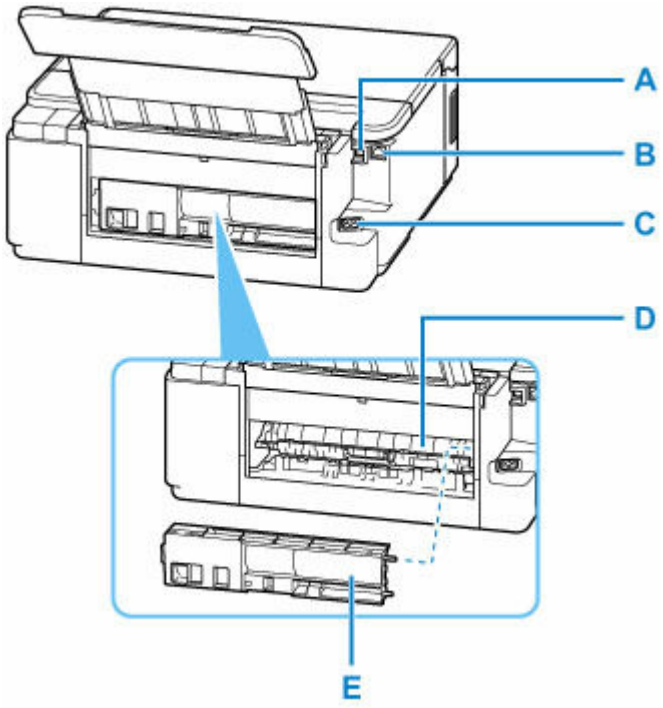
Open to support ejected paper.

K: Operation Panel

Use to change the settings of the printer or to operate it.

➡ Operation Panel

Rear View



A: USB Port

Plug in the USB cable to connect the printer with a computer.

B: Wired LAN Connector

Plug in the LAN cable to connect the printer to a LAN.

C: Power Cord Connector

Plug in the supplied power cord.

D: Transport Unit Cover

Open when removing jammed paper.

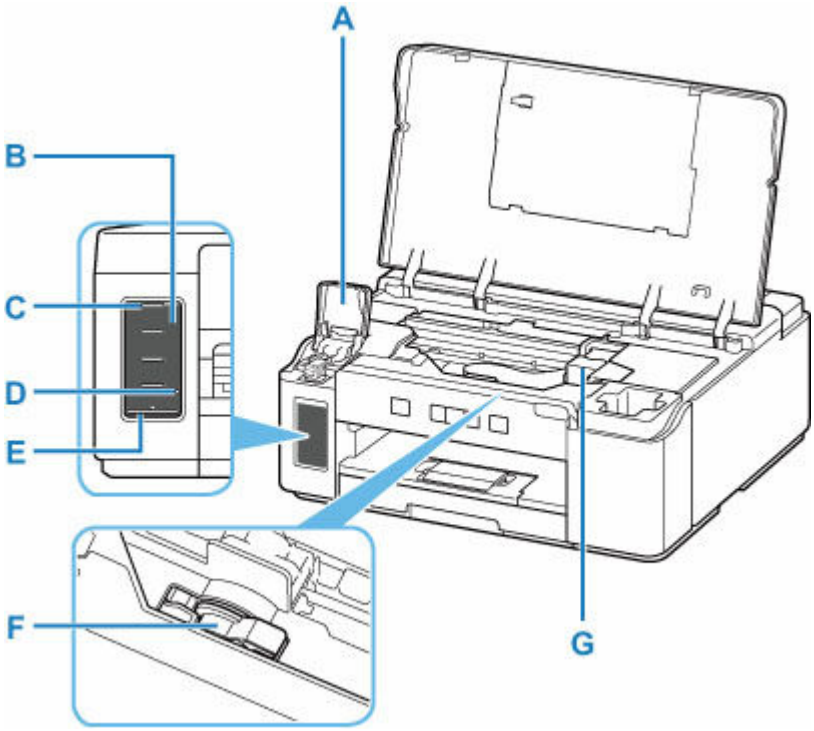
E: Rear Cover

Detach when removing jammed paper.

Important

- Do not touch the metal casing.
- Do not plug in or unplug the USB cable or LAN cable while the printer is printing with the computer. This can cause trouble.

Inside View



A: Ink Tank Cover

Open to refill the ink tank.

B: Ink Tank

Black ink tank.

If the ink level is low, refill the ink tank.

➡ Refilling Ink Tank

C: Upper limit line

Indicates the maximum capacity of the ink.

D: Single dot

Indicates the amount of ink required when performing ink flush.

E: Lower limit line

Indicates the lower limit of the sufficient amount of ink to print. Refill the ink tank before the amount of ink is below this line.

F: Ink Valve Lever

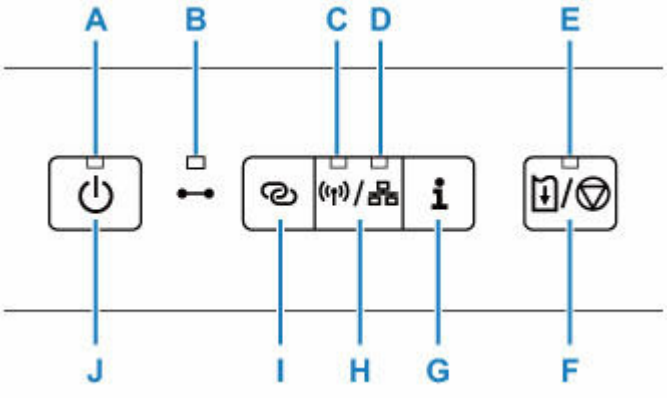
Operate when transporting a printer.

➡ Transporting Your Printer

G: Print Head Holder

The print head is pre-installed.

Operation Panel



A: ON lamp

Lights after flashing when the power is turned on.

B: Online lamp

Lights when the printer is connected to the network.

C: Wi-Fi lamp

Lights when the Wi-Fi is enabled.

D: Wired LAN lamp

Lights when the wired LAN is enabled.

E: Alarm lamp

Lights or flashes when an error occurs.

F: RESUME/CANCEL button

Cancels a print job in progress. You can press this button to release from printer error status and resume printing, after the printer problem is resolved.

G: Information button

Starts printing network settings information.

H: Network Type button

Switches the network connections.

➡ LAN settings

I: Wireless connect button

To set wireless router information in the printer directly from a smartphone or other such device (without having to do any procedures at the router), hold down this button.

J: ON button

Turns the power on or off.

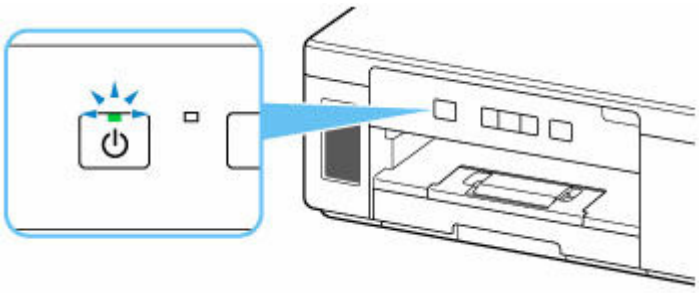
➡ Turning the Printer On and Off

Power Supply

- Checking that Power Is On
- Turning the Printer On and Off
- Checking the Power Plug/Power Cord
- Unplugging the Printer

Checking that Power Is On

The **ON** lamp is lit when the printer is turned on.



Note

- It may take a while for the printer to start printing immediately after you turn on the printer.

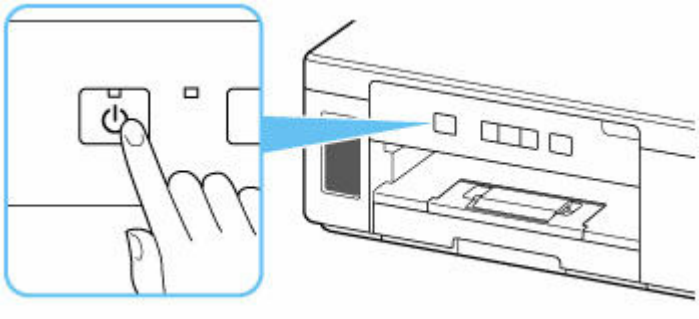
Turning the Printer On and Off

Turning on the printer

1. Press the **ON** button to turn on the printer.

   The **ON** lamp flashes and then remains lit.

   ➡ Confirming that the Power Is On



Note

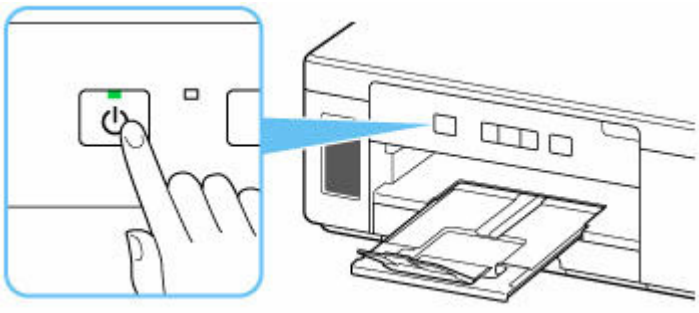
- It may take a while for the printer to start printing immediately after you turn on the printer.
- If the **Alarm** lamp flashes, see An Error Occurs.
- You can set the printer to automatically turn on when a print operation is performed from a computer connected by USB cable or via network. This feature is set to off by default.

  ➡ Managing the Printer Power

Turning off the printer

1. Press the **ON** button to turn off the printer.

   When the **ON** lamp stops flashing, the printer is turned off.



Important

- When you unplug the power cord after turning off the printer, be sure to confirm that the **ON** lamp is off.

Note

- You can set the printer to automatically turn off when no operations are performed or no print jobs are sent to the printer for a certain interval. This feature is set to on by default.

  ➡ Managing the Printer Power

Checking the Power Plug/Power Cord

Unplug the power cord once a month to confirm that the power plug/power cord does not have anything unusual described below.

- The power plug/power cord is hot.
- The power plug/power cord is rusty.
- The power plug/power cord is bent.
- The power plug/power cord is worn.
- The power plug/power cord is split.

⚠ Caution

- If you find anything unusual with the power plug/power cord described above, unplug the power cord and call for service. Using the printer with one of the unusual conditions above may cause a fire or an electric shock.

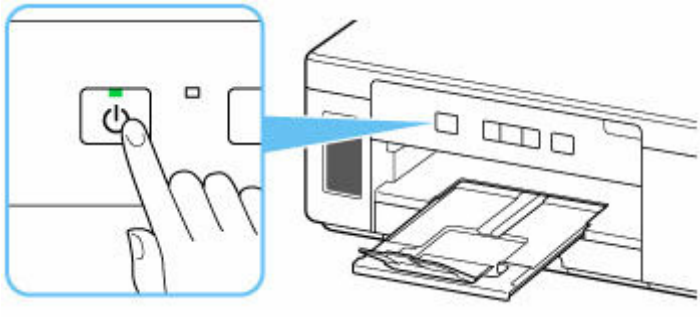
Unplugging the Printer

To unplug the power cord, follow the procedure below.

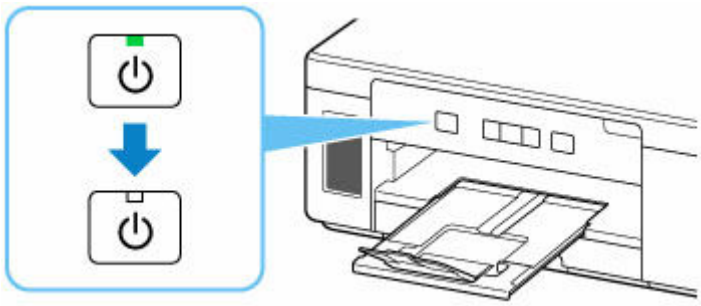
Important

- When you unplug the power cord, press the **ON** button, then confirm that the **ON** lamp is off. Unplugging the power cord while the **ON** lamp is lit or flashing may cause drying or clogging of the print head and print quality may be reduced.

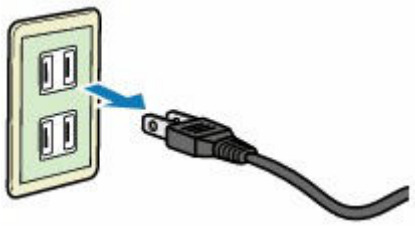
1. Press the **ON** button to turn the printer off.



2. Confirm that the **ON** lamp is off.



3. Unplug the power cord.



The specification of the power cord differs depending on the country or region of use.

Changing Settings

- Changing Printer Settings from Your Computer (Windows)
- Changing Settings from Operation Panel

Changing Printer Settings from Your Computer (Windows)

- Changing the Print Options
- Registering a Frequently Used Printing Profile
- Setting the Ink to be Used
- Managing the Printer Power
- Changing the Printer Operation Mode

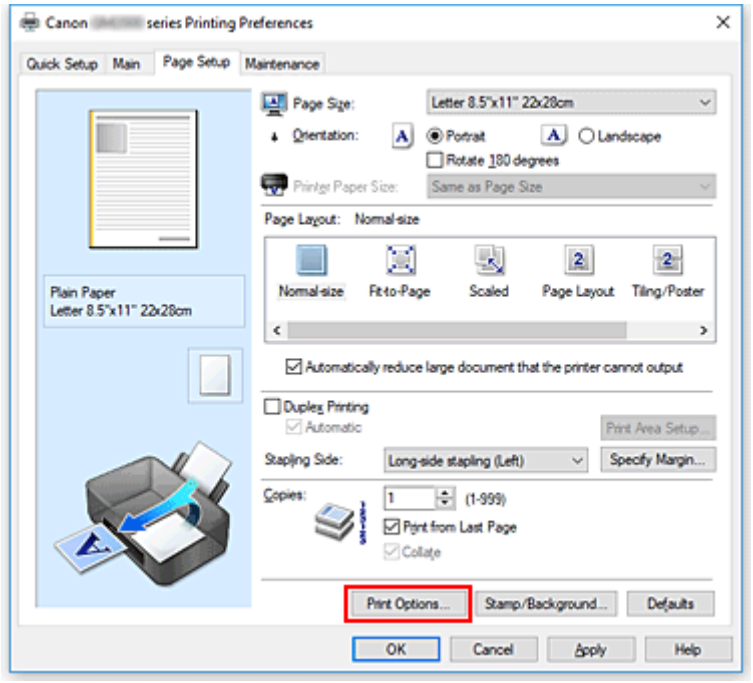
Changing the Print Options

You can change the detailed printer driver settings for print data that is sent from an application software.

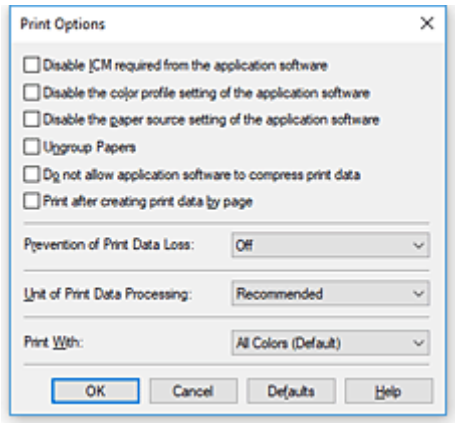
Check this check box if part of the image data is cut off, the paper source during printing differs from the driver settings, or printing fails.

1. Open the printer driver setup window

2. Click **Print Options...** on the **Page Setup** tab



The **Print Options** dialog box opens.



3. Change the individual settings

   If necessary, change the setting of each item, and then click **OK**.

   The **Page Setup** tab is displayed again.

Registering a Frequently Used Printing Profile

You can register the frequently used printing profile to **Commonly Used Settings** on the **Quick Setup** tab. Unnecessary printing profiles can be deleted at any time.

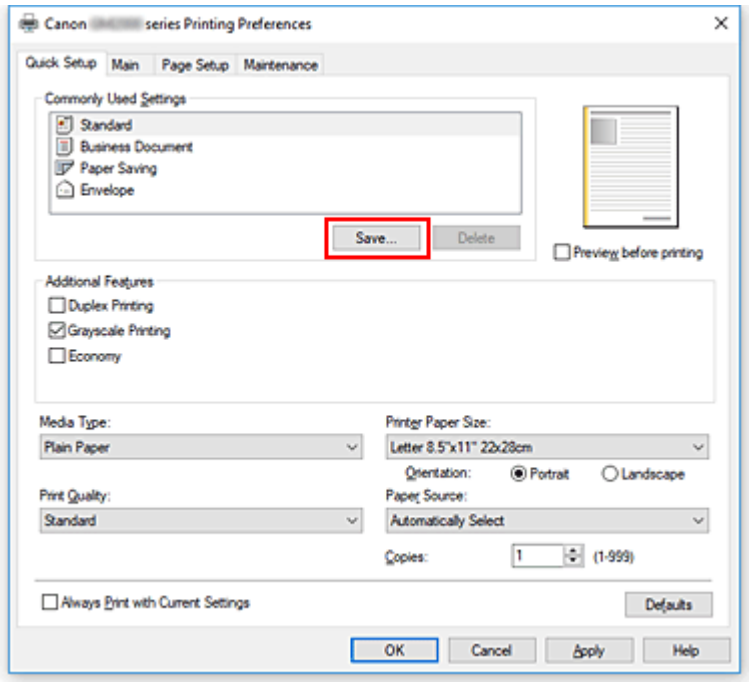
Registering a Printing Profile

1. Open the printer driver setup window

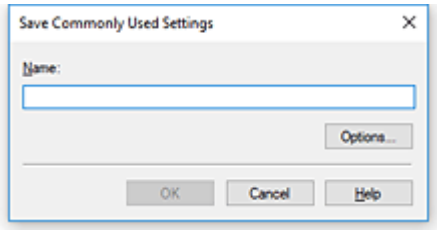
2. Set the necessary items

   From **Commonly Used Settings** on the **Quick Setup** tab, select the printing profile to be used and if necessary, change the settings after **Additional Features**.
   You can also register necessary items on the **Main** and **Page Setup** tabs.

3. Click **Save...**



   The **Save Commonly Used Settings** dialog box opens.



4. Save the settings

   Enter a name in the **Name** field. If necessary, click **Options...**, set the items, and then click **OK**.
   In the **Save Commonly Used Settings** dialog box, click **OK** to save the print settings and return to the

Quick Setup tab.
The name and icon are displayed in **Commonly Used Settings**.

Important

- To save the page size, orientation, and number of copies that was set in each sheet, click **Options...**, and check each item.

Note

- When you re-install the printer driver or upgrade the printer driver version, the print settings that are already registered will be deleted from **Commonly Used Settings**.
  Registered print settings cannot be saved and preserved. If a profile is deleted, register the print settings again.

Deleting Unnecessary Printing Profile

1. Select the printing profile to be deleted

   Select the printing profile you want to delete from the **Commonly Used Settings** list on the **Quick Setup** tab.

2. Delete the printing profile

   Click **Delete**. When the confirmation message appears, click **OK**.
   The selected printing profile is deleted from the **Commonly Used Settings** list.

Note

- Printing profiles that are registered in the initial settings cannot be deleted.

Setting the Ink to be Used

This feature enables you to specify which ink to use when printing.

1. Open the printer driver setup window
2. Click **Print Options...** on the **Page Setup** tab

   The **Print Options** dialog box appears.
3. Select the ink to be used from **Print With**

   Select the ink to be used for printing and click **OK**.
4. Click **OK** on the **Page Setup** tab

   When you perform printing, the specified ink will be used.

Important

- Some applications will print in color regardless of the **Grayscale Printing** settings. If you want to perform monochrome printing with these applications, set **Print With** to **Black Only**.
- If you have the FINE cartridge (sold separately) attached, and you have the following settings configured, the printer will print using color ink, and checking **Black Only** will have no effect.
  - **Media Type** other than **Plain Paper**, **Envelope**, **Ink Jet Hagaki (A)**, **Hagaki (A)**, or **Hagaki** is selected on the **Main** tab
- Do not detach the print head that is not in use. Printing cannot be performed while either print head is detached.

Managing the Printer Power

This function allows you to manage the printer power from the Canon IJ Printer Assistant Tool.

Power Off

The **Power Off** function turns off the printer. When you use this function, you will not be able to turn the printer on from the Canon IJ Printer Assistant Tool.

1. Open Canon IJ Printer Assistant Tool
2. Execute power off

   Click **Power Off**. When the confirmation message appears, click **OK**.

   The printer power switches off.

Auto Power

Auto Power allows you to set **Auto Power On** and **Auto Power Off**.
The **Auto Power On** function automatically turns on the printer when data is received.
The **Auto Power Off** function automatically turns off the printer when there are no operations from the printer driver or the printer for a specified period of time.

1. Open the Canon IJ Printer Assistant Tool
2. Check that the printer is on and then click **Auto Power**

   The **Auto Power Settings** dialog box opens.

   Note

   - If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.
     If this happens, click **OK** to display the most recent settings specified on your computer.

3. If necessary, complete the following settings:

   Auto Power On
   Specifying **Enable** from the list will turn the printer on upon receipt of print data.

   Auto Power Off
   Specify the time from the list. When this time lapses without any operations from the printer driver or the printer, the printer is turned off automatically.

Note

- Enabling auto power on, disabling auto power off, or extending the time for auto power off will increase power consumption.

4. Apply the settings

Click **OK**. When the confirmation message appears, click **OK**.

The setting is enabled after this. When you want to disable this function, select **Disable** from the list according to the same procedure.

Note

- When the printer is turned off, the Canon IJ Status Monitor message varies depending on the **Auto Power On** setting.
  When the setting is **Enable**, "Printer is standing by" is displayed. When the setting is **Disable**, "Printer is offline" is displayed.

Changing the Printer Operation Mode

If necessary, switch between various modes of printer operation.



Custom Settings

1. Open the Canon IJ Printer Assistant Tool

2. Check that the printer is on and then click **Custom Settings**

   The **Custom Settings** dialog box opens.

   Note

   - If the printer is off or if communication between the printer and the computer is disabled, an error message may appear because the computer cannot collect the printer status.
     If this happens, click **OK** to display the most recent settings specified on your computer.

3. If necessary, complete the following settings:

   Prevents paper abrasion

   The printer can increase the gap between the print head and the paper during high-density printing to prevents paper abrasion.
   Check this check box to prevents paper abrasion.

   Align heads manually

   Usually, the **Print Head Alignment** function in the Canon IJ Printer Assistant Tool is set to automatic head alignment, but you can change it to manual head alignment.
   If the printing results of automatic Print Head Alignment are not satisfactory, perform manual head alignment.
   Check this check box to perform the manual head alignment. Uncheck this check box to perform the automatic head alignment.

   Rotate 90 degrees left when orientation is [Landscape]

   On the **Page Setup** tab, you can change the rotation direction of the **Landscape** in the **Orientation**.
   To rotate the print data 90 degrees to the left during printing, select this item. To rotate the print data 90 degrees to the right during printing, clear this item.

   Important

   - Do not change this setting while the print job is displayed in the print wait list. Otherwise, characters may be omitted or the layout may become corrupt.

   Ink Drying Wait Time

   You can set the length of the printer rest time until printing of the next page begins. Moving the slider to the right increases the pause time, and moving the slider to the left decreases the time.
   If the paper gets stained because the next page is ejected before the ink on the printed page dries, increase the ink drying wait time.
   Reducing the ink drying wait time speeds up printing.

4. Apply the settings

Click **OK** and when the confirmation message appears, click **OK**.

The printer operates with the modified settings hereafter.

Changing Settings from Operation Panel

- LAN settings
- Initializing Printer Settings

LAN settings

Switch between the Wi-Fi connection and the wired LAN connection or disable the network connection.

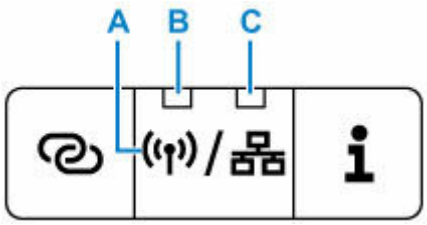
Follow the procedure below.

1. Check that printer is turned on.

2. Press the **Network Type** button (A) to change the settings.

   Check the LAN setting status with the **Wi-Fi** lamp (B) and the wired LAN lamp (C).

   The setting changes each time the **Network Type** button (A) is pressed.



B: Wi-Fi Lamp

Lights when the Wi-Fi connection is enabled.

C: Wired LAN Lamp

Lights when the wired LAN connection is enabled.

If both lamps are off, the network connection is disabled.

Initializing Printer Settings

You can initialize the printer settings.

Follow the procedure below to initialize the printer settings.

1. Make sure that the printer is turned on.
2. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 15 times.

   All the printer settings are initialized.

   After resetting, perform setup again as necessary.

   Note

   - You cannot set the following setting items back to the default:
     - The current position of the print head
     - CSR (Certificate Signing Request) for encryption method (SSL/TLS) setting

Specifications

General Specifications

Printing resolution (dpi)	600 (horizontal) x 1200 (vertical)
Interface	**USB Port:** Hi-Speed USB * **Network Port:** Wired LAN: 100BASE-TX / 10BASE-T Wi-Fi: IEEE802.11n / IEEE802.11g / IEEE802.11b * A computer that complies with Hi-Speed USB standard is required. Since the Hi-Speed USB interface is fully upwardly compatible with USB 1.1, it can be used at USB 1.1. USB and LAN can be used at the same time. Wi-Fi and wired LAN cannot be used at the same time.
Print width	8 in. (203.2 mm)
Printable area	**Standard printing:** • Top margin: 0.12 in. (3.0 mm) • Bottom margin: 0.20 in. (5.0 mm) • Left margin: ◦ Letter/Legal: 0.26 in. (6.4 mm) ◦ Other sizes: 0.14 in. (3.4 mm) • Right margin: ◦ Letter/Legal: 0.25 in. (6.3 mm) ◦ Other sizes: 0.14 in. (3.4 mm) * For printable area of envelope, see below. ➡ Envelopes **Auto duplex printing:** • Top margin: 0.20 in. (5.0 mm) • Bottom margin: 0.20 in. (5.0 mm) • Left margin: ◦ Letter: 0.26 in. (6.4 mm) ◦ Other sizes: 0.14 in. (3.4 mm) • Right margin: ◦ Letter: 0.25 in. (6.3 mm) ◦ Other sizes: 0.14 in. (3.4 mm)
Operating environment	**Temperature:** 41 to 95 °F (5 to 35 °C) **Humidity:** 10 to 90 % RH (no condensation)

	* The performance of the printer may be reduced under certain temperature and humidity conditions. Recommended conditions: **Temperature:** 59 to 86 °F (15 to 30 °C) **Humidity:** 10 to 80 % RH (no condensation) * For the temperature and humidity conditions of papers such as photo paper, refer to the paper's packaging or the supplied instructions.
Storage environment	**Temperature:** 32 to 104 °F (0 to 40 °C) **Humidity:** 5 to 95 % RH (no condensation)
Power supply	AC 100-240 V, 50/60 Hz (The supplied power cord is only for the country or region you purchased.)
Power consumption	**Printing:** 13 W or less *1 **Standby (minimum):** 0.8 W or less *1*2 **Standby (all ports connected):** 1.6 W or less **OFF:** 0.3 W or less *1 USB connection to PC *2 The wait time for standby cannot be changed.
External dimensions (W x D x H)	Approx. 15.9 x 14.6 x 6.6 in. (Approx. 403 x 369 x 166 mm) * With the Cassette and trays retracted.
Weight	Approx. 13.2 lb (Approx. 6.0 kg) * With the Print Head installed.
Print Head/Ink	BK 640 nozzles

Network Specifications

Communication protocol	TCP/IP
Wired LAN	**Supported Standards:** IEEE802.3u (100BASE-TX) / IEEE802.3 (10BASE-T) **Transfer speed:** 10 M/100 Mbps (auto switching)
Wi-Fi	**Supported Standards:** IEEE802.11n / IEEE802.11g / IEEE802.11b **Frequency bandwidth:** 2.4 GHz **Channel:** 1-11 or 1-13 * Frequency bandwidth and available channels differ depending on country or region. **Communication distance:** Indoors 164 feet/50 m * Effective range varies depending on the installation environment and location. **Security:** WEP (64/128 bits) WPA-PSK (TKIP/AES)

	WPA2-PSK (TKIP/AES) **Setup:** WPS (Push button configuration/PIN code method) WCN (WCN-NET) Easy wireless connect **Other Features:** Administration password

Minimum System Requirements

Conform to the operating system's requirements when higher than those given here.

Windows

Operating System	Windows 10, Windows 8.1, Windows 7 SP1 Note: Operation can only be guaranteed on a PC with pre-installed Windows 7 or later. Printer driver and IJ Network Device Setup Utility support the following OS: Windows Server 2008 R2 SP1, Windows Server 2012 R2 and Windows Server 2016.
Hard Disk Space	2.0 GB or more Note: For bundled software installation. The necessary amount of hard disk space may be changed without notice.
Display	XGA 1024 x 768

Other Supported OS

iOS, Android Some functions may not be available with the supported OS. Refer to the Canon web site for details.

Mobile Printing Capability

PIXMA Cloud Link

- Internet connection or CD-ROM drive is required to install the software for Windows.
- In an in-house network environment, the 5222 port must be open. Contact the network administrator for details.

Information in this manual is subject to change without notice.

Information about Paper

- **Supported Media Types**
  - Paper Load Limit
- **Unsupported Media Types**
- **Handling Paper**
- **Print Area**

Supported Media Types

For best results, choose paper designed for how you are printing. A variety of paper for documents as well as photos or illustrations is available from Canon. Use genuine Canon paper to print important photos, when possible.

Media Types

Genuine Canon paper

Note

- For warnings on use of the non-printable side, see each product's usage information.
- Page sizes and media types differ depending on the country or region where the paper is sold. For details on page sizes and media types, access the Canon website.
- Genuine Canon paper is not available in some countries or regions. Note that in the United States, Canon paper is not sold by model number. Instead, purchase paper by name.

Paper for printing documents:

- Canon Red Label Superior <WOP111>
- Canon Océ Office Colour Paper <SAT213>
- High Resolution Paper <HR-101N>

Paper other than genuine Canon paper

- Plain Paper (including recycled paper)
- Envelopes

➡ Paper Load Limit
➡ Paper Settings on the Printer Driver

Page Sizes

You can use the following page sizes.

Note

- Page sizes and media types the printer supports differ depending on the OS you are using.

Standard sizes:

- Letter
- Legal
- A5
- A4
- B5

- Hagaki
- Hagaki 2
- Envelope Com 10
- Envelope DL
- Nagagata 3
- Nagagata 4
- Yougata 4
- Yougata 6
- Card 2.17"x3.58"

Special sizes

Special page sizes must be within the following limits:

- rear tray
  - Minimum size: 2.17 x 3.51 in. (55.0 x 89.0 mm)
  - Maximum size: 8.50 x 26.61 in. (215.9 x 676.0 mm)
- cassette
  - Minimum size: 5.83 x 8.27 in. (148.0 x 210.0 mm)
  - Maximum size: 8.50 x 11.69 in. (215.9 x 297.0 mm)

Paper Weight

You can use paper in the following weight range.

- Plain paper: From 17 to 28 lb (64 to 105 g /m^2)

Paper Load Limit

This section shows the paper load limits of the rear tray, the cassette, and the paper output tray.

- Paper Load Limits of Rear Tray and Cassette
- Paper Load Limit of Paper Output Tray

Note

- Page sizes and media types differ depending on the country or region where the paper is sold. For details on page sizes and media types, access the Canon website.

Paper Load Limits of Rear Tray and Cassette

Genuine Canon Paper

Paper for printing documents:

Media Name <Model No.>	Rear Tray	Cassette
Canon Red Label Superior <WOP111>	A4: Approx. 100 sheets	A4: Approx. 250 sheets
Canon Océ Office Colour Paper <SAT213>	A4: Approx. 80 sheets	A4: Approx. 200 sheets
High Resolution Paper <HR-101N>*1	A4, B5, Letter: Approx. 80 sheets	N/A

Paper other than Genuine Canon Paper

Common Name	Rear Tray	Cassette
Plain Paper (including recycled paper)*1	Approx. 100 sheets (Legal: 10 sheets)	Approx. 250 sheets
Envelopes	10 envelopes	N/A

*1 Normal feeding at maximum capacity may not be possible with some types of paper, or under very high or low temperature or humidity. In this case, load half the amount of paper or less.

Paper Load Limit of Paper Output Tray

Genuine Canon Paper

Paper for printing documents:

Media Name <Model No.>	Paper Output Tray
Canon Red Label Superior <WOP111> Canon Océ Office Colour Paper <SAT213> High Resolution Paper <HR-101N>	Approx. 50 sheets

Paper other than Genuine Canon Paper

Common Name	Paper Output Tray
Plain Paper (including recycled paper)	Approx. 50 sheets (Legal: 10 sheets)

When continuing printing with paper other than the above, we recommend removing already printed paper or envelopes from the paper output tray to avoid smearing or discoloration.

Unsupported Media Types

Do not use the following types of paper. Using such paper will cause not only unsatisfactory results, but also the printer to jam or malfunction.

- Folded, curled, or wrinkled paper
- Damp paper
- Paper thinner than a postcard, including plain paper or notepad paper cut to a small size (when printing on paper smaller than A5)
- Picture postcards
- Postcards
- Envelopes with a double flap
- Envelopes with an embossed or treated surface
- Envelopes whose gummed flaps are already moistened and adhesive
- Any type of paper with holes
- Paper that is not rectangular
- Paper bound with staples or glue
- Paper with an adhesive surface on the back such as label seal
- Paper decorated with glitter, etc.

Handling Paper

- Be careful not to rub or scratch the surfaces of any types of paper when handling.
- Hold the paper as closely as possible to its edges and try not to touch the printing surface. The print quality may be degraded if the printing surface is smudged with sweat or oil that comes from your hands.
- Do not touch the printed surface until the ink is dried. Even when the ink is dried, be careful not to touch the printed surface as much as possible when handling. Due to the nature of the pigment ink, the ink on the printed surface may be removed when being rubbed or scratched.
- Take out only the necessary number of paper from the package, just before printing.
- To avoid curling, when you do not print, put unused paper back into the package and keep it on a level surface. And also, store it avoiding heat, humidity, and direct sunlight.

Economy Mode

By setting **Print Quality** to **Economy**, the consumption of black ink can be reduced. More printing is available compared with the setting **Print Quality** to **Standard**.

For color printing with color ink installed, the ink consumption on black areas can be reduced, though the ink consumption on color areas is the same as that when **Standard** is set.

- **Number of printable sheets**

  Number of printable sheets per pigment black ink bottle (A4 plain paper) when printing in black and white

  Standard mode: 6,000

  Economy mode: 8,300

- **Measurement conditions**
  - Measurement images:

    Color printing: A4 color document ISO/IEC24712

    Black & white printing: A4 monochrome document ISO/IEC19752
  - Measurement method:

    Canon original
  - Paper type:

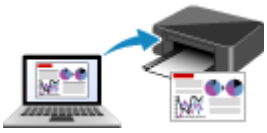
    Plain paper
  - Print driver setting:

    Setting to the default for plain paper, setting **Grayscale Printing** to ON when measuring in black and white.
  - Borderless full-page printing：

    OFF

*The number of printable sheets is calculated based on the ink bottle filled from the second time on, instead of the ink bottle filled when using the printer for the first time.

Printing



Printing from Computer



Printing from Smartphone/Tablet

Printing from Computer

- Printing from Application Software (Windows Printer Driver)

Printing from Application Software (Windows Printer Driver)

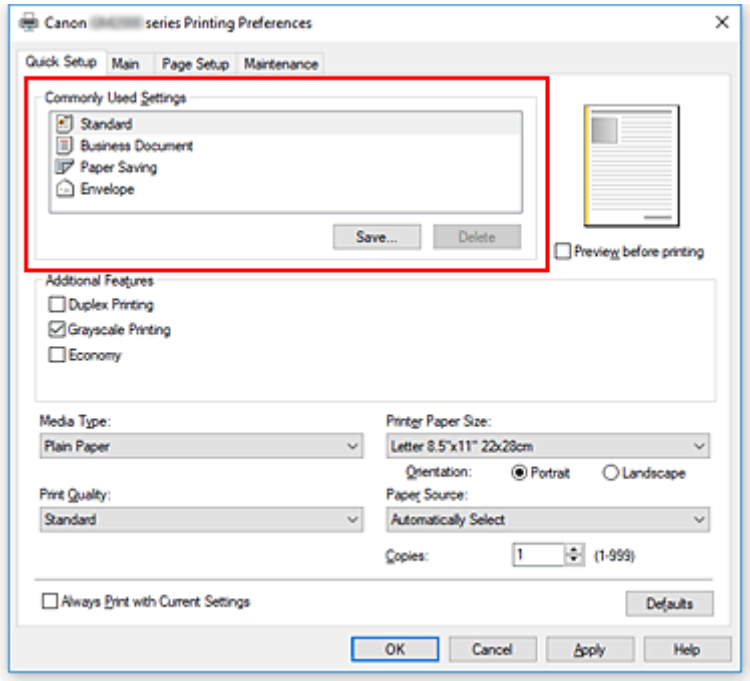
- Basic Printing Setup Basic
- Various Printing Methods
- Changing the Print Quality and Correcting Image Data
- Overview of the Printer Driver
- Printer Driver Description
- Updating the Printer Driver

Basic Printing Setup

This section describes settings on the **Quick Setup** tab used for basic printing.

1. Check that printer is turned on
2. Load paper in printer
3. Open printer driver's setup screen
4. Select frequently used settings

   On the **Quick Setup** tab, use **Commonly Used Settings** to select from predefined print settings. When you select a print setting, the settings for **Additional Features**, **Media Type**, and **Printer Paper Size** automatically switch to the predefined values.



Important

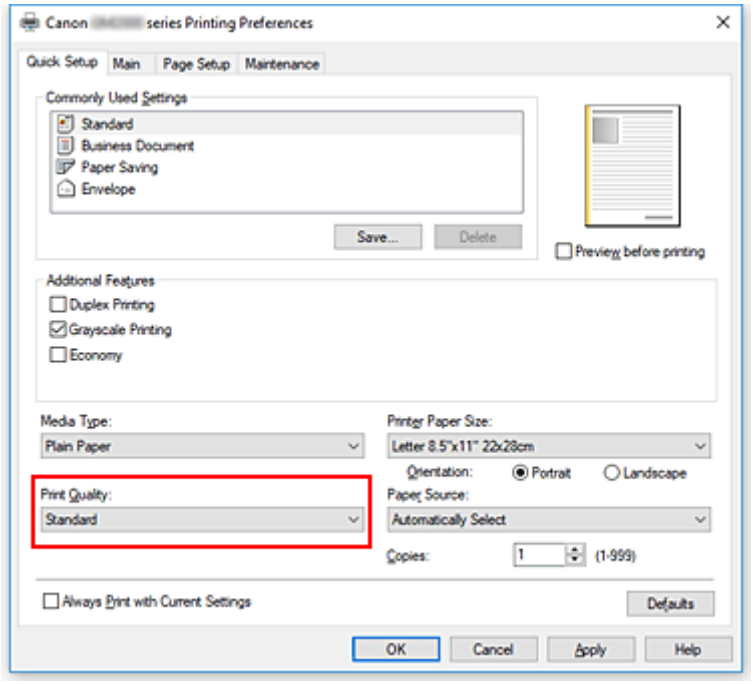
- When the **Grayscale Printing** check box is checked, the printer driver processes image data as sRGB data. In this case, actual colors printed may differ from those in the original image data. When using the grayscale printing function to print Adobe RGB data, convert the data to sRGB data using an application software.

Note

- If you have a FINE cartridge (sold separately) installed, the printer may print using color ink even if you have selected **Grayscale Printing**.

5. Select print quality

   For **Print Quality**, select from **High**, **Standard**, or **Economy**.



Important

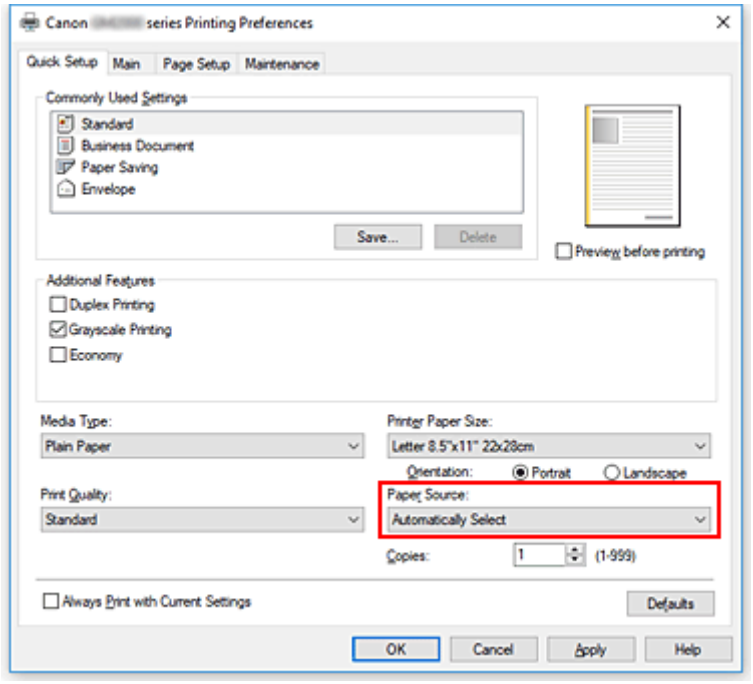
- The print quality selections will differ depending on which print setting you select.

Note

- Selecting **Economy** in **Print Quality** reduces black ink consumption. This means that you can print more than if you have **Standard** selected.
  The **Economy** setting does not affect the amount of color ink consumed. **Economy** and **Standard** will consume the same amount of color ink.
  For details on Economy Mode, see "Economy Mode."

6. Select paper source

For **Paper Source**, select **Automatically Select**, **Rear Tray**, or **Cassette**, whichever matches your purpose.

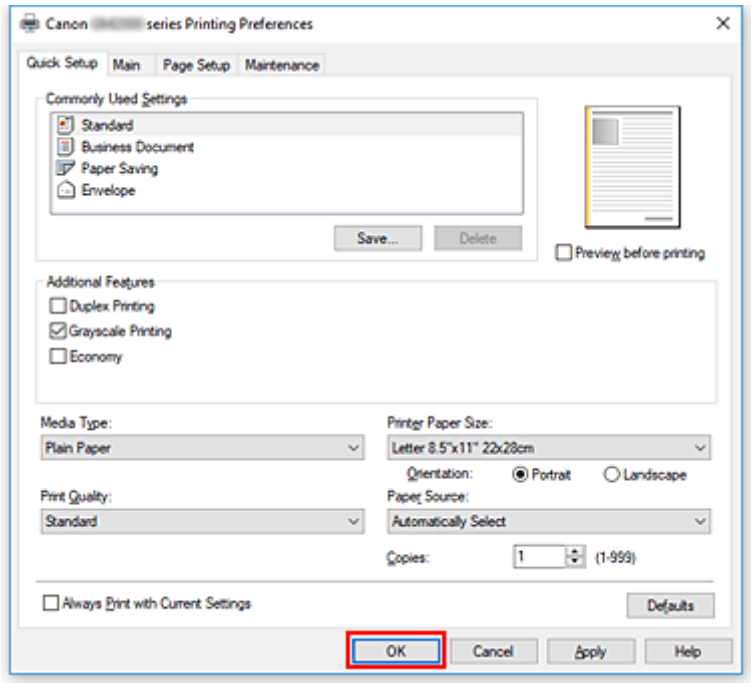


Important

- The paper source settings that can be selected may differ depending on the paper type and size.

7. Click **OK**

The printer will now print using these settings.



Important

- When you select **Always Print with Current Settings**, the settings on the **Quick Setup**, **Main**, and **Page Setup** tabs are saved, and those settings are used in subsequent printings.

- To register the current settings as a new preset, click **Save...** under **Commonly Used Settings**.

Paper Settings on the Printer Driver

When you use this printer, selecting a media type that matches the print purpose will help you achieve the best print results.
You can use the following media types on this printer.

Canon genuine papers (Document Printing)

Media name <Model No.>	Media Type in the printer driver
Canon Red Label Superior <WOP111>	**Plain Paper**
Canon Océ Office Colour Paper <SAT213>	**Plain Paper**
High Resolution Paper <HR-101N>	**High Resolution Paper**

Commercially available papers

Media name	Media Type in the printer driver
Plain Paper (including recycled paper)	**Plain Paper**
Envelopes	**Envelope**

Various Printing Methods

- Setting a Page Size and Orientation
- Setting the Number of Copies and Printing Order
- Scaled Printing
- Page Layout Printing
- Tiling/Poster Printing
- Duplex Printing
- Setting Up Envelope Printing
- Printing on Postcards

Setting a Page Size and Orientation

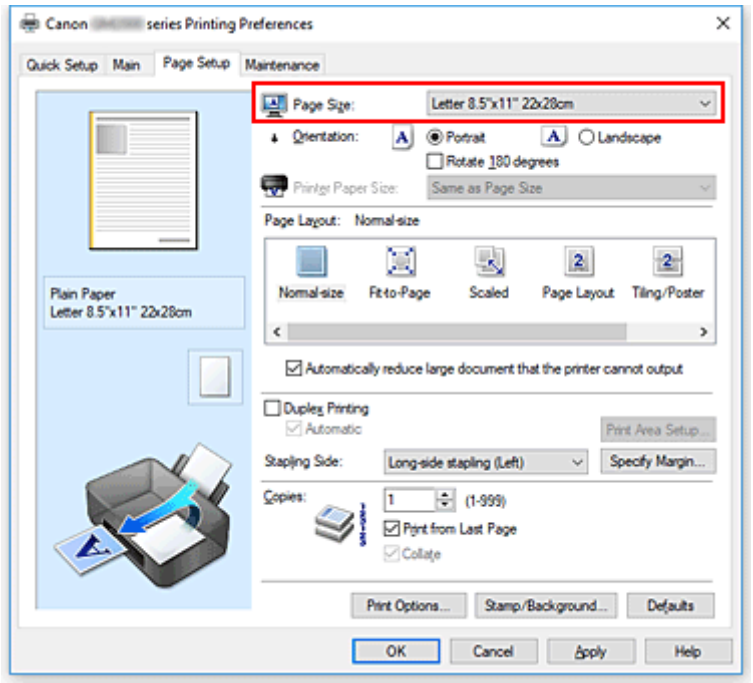
The paper size and orientation are essentially determined by the application software. When the page size and orientation set for **Page Size** and **Orientation** on the **Page Setup** tab are same as those set with the application software, you do not need to select them on the **Page Setup** tab.

When you are not able to specify them with the application software, the procedure for selecting a page size and orientation is as follows:
You can also set page size and orientation on the **Quick Setup** tab.

1. Open the printer driver setup window

2. Select the paper size

   Select a page size from the **Page Size** list on the **Page Setup** tab.



3. Set **Orientation**

   Select **Portrait** or **Landscape** for **Orientation**. Check **Rotate 180 degrees** check box when you want to perform printing with the original being rotated 180 degrees.

4. Click **OK**

   When you execute print, the document will be printed with the selected page size and the orientation.

Note

- If **Normal-size** is selected for **Page Layout**, then **Automatically reduce large document that the printer cannot output** is displayed.
  Normally, you can leave the check box checked. During printing, if you do not want to reduce large documents that cannot be printed on the printer, uncheck the check box.

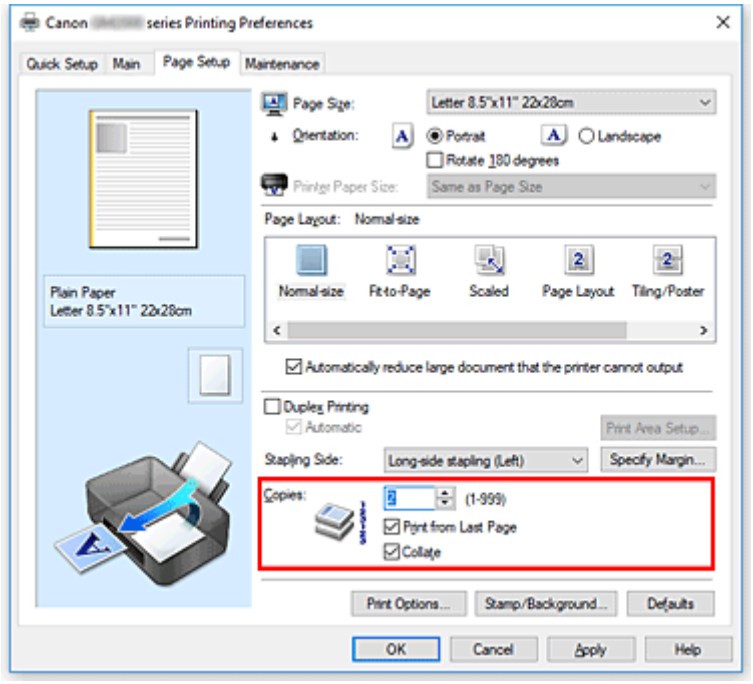
Setting the Number of Copies and Printing Order

You can also set the number of copies on the **Quick Setup** tab.

1. Open the printer driver setup window

2. Specify the number of copies to be printed

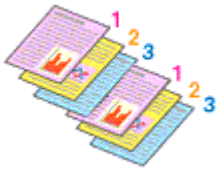
   For **Copies** on the **Page Setup** tab, specify the number of copies to be printed.



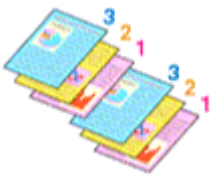
3. Specify the print order

   Check the **Print from Last Page** check box when you want to print from the last page in order, and uncheck the check box when you want to print from the first page.
   Check the **Collate** check box when you are printing multiple copies of a document and want to print out all pages in each copy together. Uncheck this check box when you want to print all pages with the same page number together.

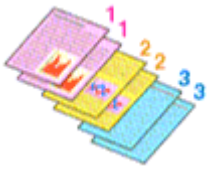
   - **Print from Last Page**: ☑ /**Collate**: ☑



   - **Print from Last Page**: ☐ /**Collate**: ☑



- **Print from Last Page**: ☑ /**Collate**: ☐



- **Print from Last Page**: ☐ /**Collate**: ☐



4. Click **OK**

When you execute print, the specified number of copies will be printed with the specified printing order.

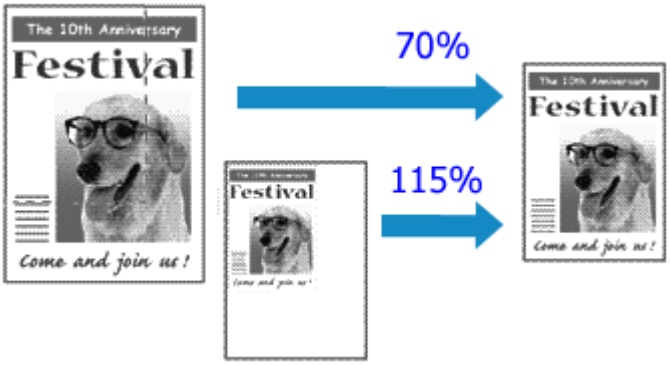
Important

- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application software and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.
- **Print from Last Page** appears grayed out and is unavailable when **Tiling/Poster** is selected for **Page Layout**.
- When **Booklet** is selected for **Page Layout**, **Print from Last Page** and **Collate** appear grayed out and cannot be set.
- When **Duplex Printing** is selected, **Print from Last Page** appears grayed out and cannot be set.

Note

- By setting both **Print from Last Page** and **Collate**, you can perform printing so that papers are collated one by one starting from the last page.
  These settings can be used in combination with **Normal-size**, **Fit-to-Page**, **Scaled**, and **Page Layout**.

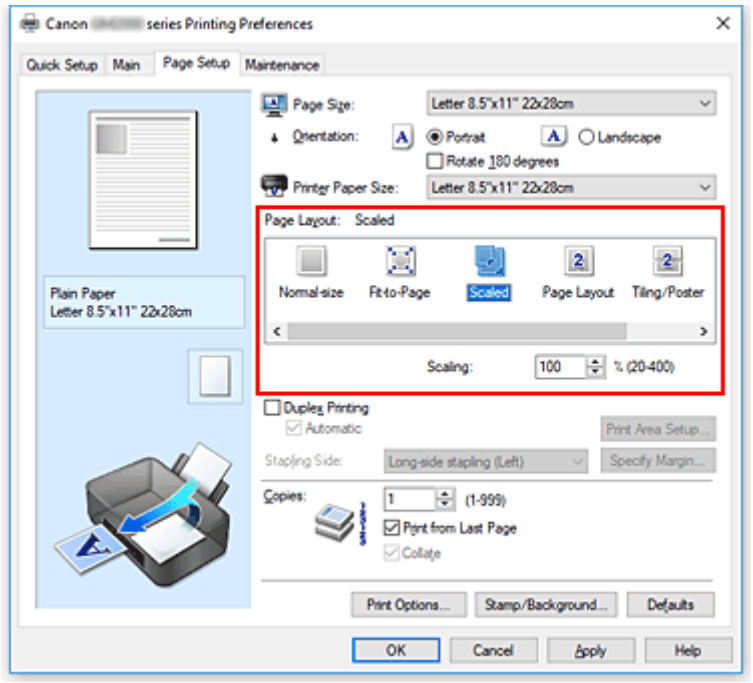
Scaled Printing



1. Open the printer driver setup window

2. Set scaled printing

   Select **Scaled** from the **Page Layout** list on the **Page Setup** tab.



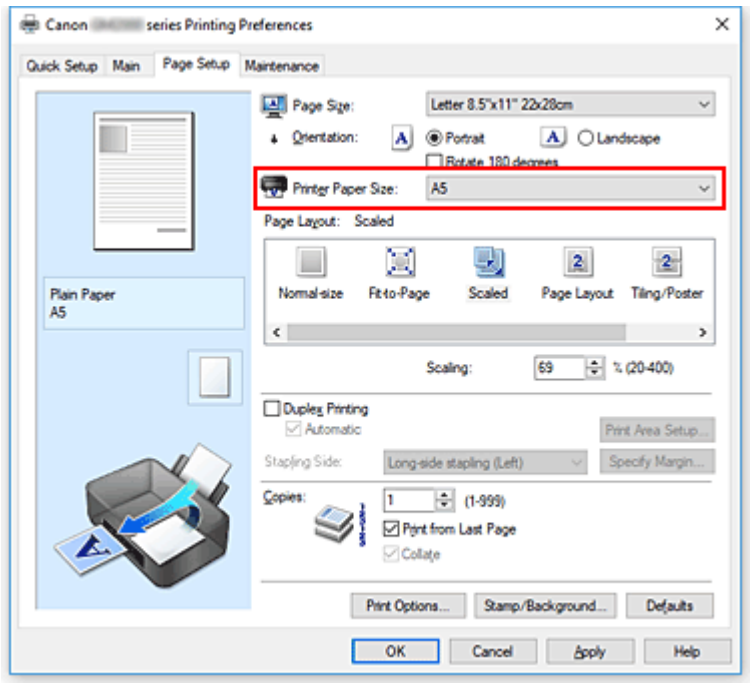
3. Select the paper size of the document

   Using **Page Size**, select the page size that is set with your application software.

4. Set the scaling rate by using one of the following methods:

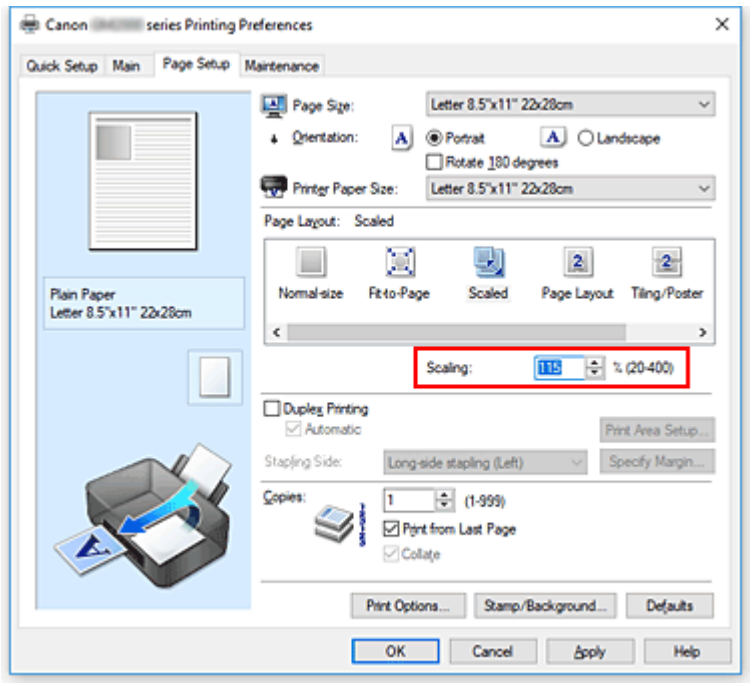
   - Select a **Printer Paper Size**

     When the printer paper size is smaller than the **Page Size**, the page image will be reduced. When the printer paper size is larger than the **Page Size**, the page image will be enlarged.



- Specify a scaling factor

  Directly type in a value into the **Scaling** box.



  The current settings are displayed in the settings preview on the left side of the printer driver.

5. Click **OK**

   When you execute print, the document will be printed with the specified scale.

Important

- When the application software which you used to create the original has the scaled printing function, configure the settings on your application software. You do not need to configure the same setting in the printer driver.

Note

- Selecting **Scaled** changes the printable area of the document.

Page Layout Printing

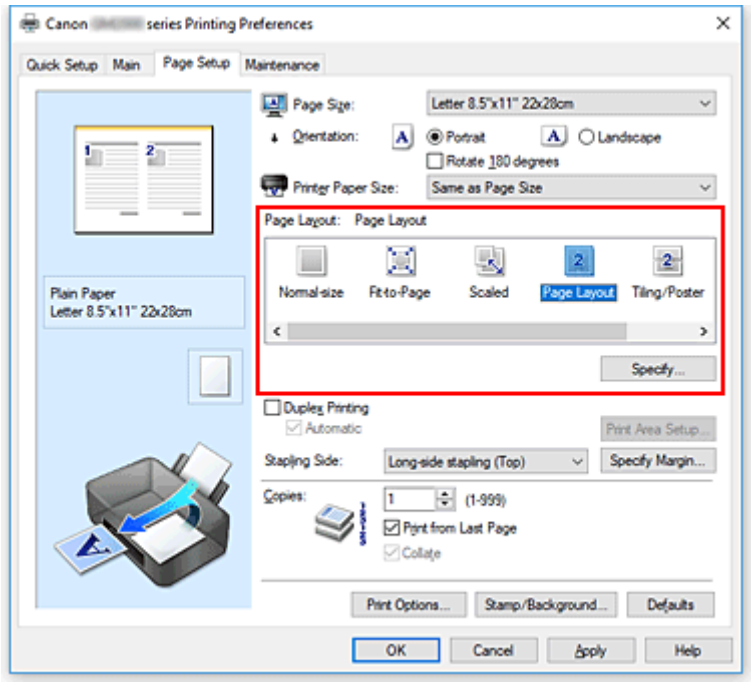
The page layout printing function allows you to print more than one page image on a single sheet of paper.



1. Open the printer driver setup window

2. Set page layout printing

   Select **Page Layout** from the **Page Layout** list on the **Page Setup** tab.
   The current settings are displayed in the settings preview on the left side of the printer driver.

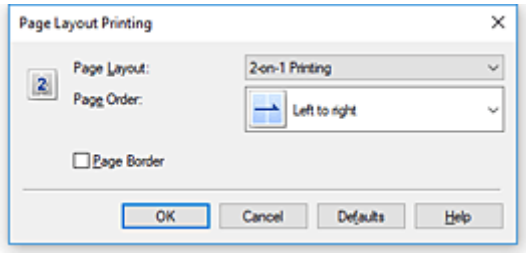


3. Select the print paper size

   Select the size of the paper loaded in the printer from the **Printer Paper Size** list.

4. Set the number of pages to be printed on one sheet and the page order

   If necessary, click **Specify...**, specify the following settings in the **Page Layout Printing** dialog box, and click **OK**.



Page Layout

To change the number of pages to be printed on a single sheet of paper, select the number of pages from the list.

Page Order

To change the page arrangement order, select a placement method from the list.

Page Border

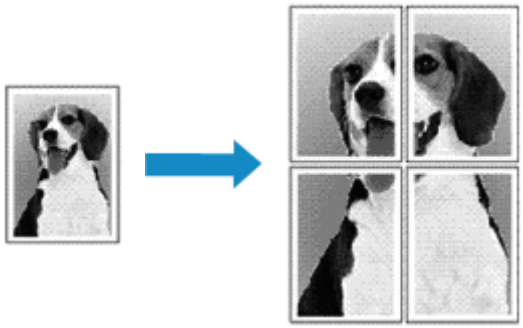
To print a page border around each document page, check this check box.

5. Complete the setup

Click **OK** on the **Page Setup** tab.
When you execute print, the specified number of pages will be arranged on each sheet of paper in the specified order.

Tiling/Poster Printing

The tiling/poster printing function allows you to enlarge image data, divide it into several pages, and print these pages on separate sheets of paper. You can also paste the pages together to create a large print like a poster.

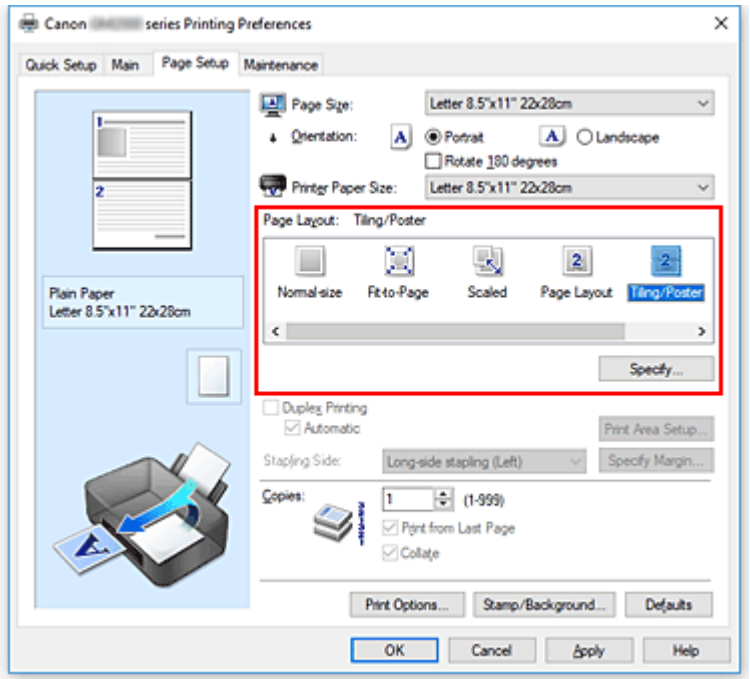


Setting Tiling/Poster Printing

1. Open the printer driver setup window

2. Set tiling/poster printing

   Select **Tiling/Poster** from the **Page Layout** list on the **Page Setup** tab.
   The current settings are displayed in the settings preview on the left side of the printer driver.



3. Select the print paper size

   Select the size of the paper loaded in the printer from the **Printer Paper Size** list.

4. Set the number of image divisions and the pages to be printed

If necessary, click **Specify...**, specify the following settings in the **Tiling/Poster Printing** dialog box, and then click **OK**.

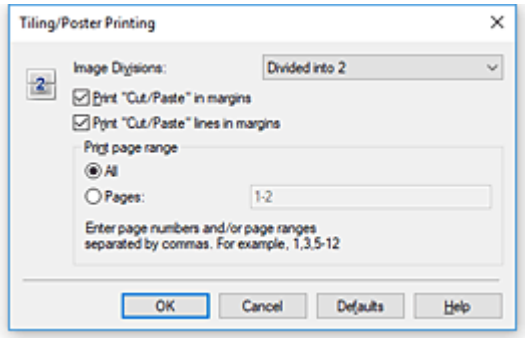


Image Divisions

Select the number of divisions (vertical x horizontal).

As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Print "Cut/Paste" in margins

To leave out words "Cut" and "Paste", uncheck this check box.

Note

- This feature may be unavailable when certain printer drivers or operating environments are used.

Print "Cut/Paste" lines in margins

To leave out cut lines, uncheck this check box.

Print page range

Specifies the printing range. Select **All** under normal circumstances.

To reprint only a specific page, select **Pages** and enter the page number you want to print. To specify multiple pages, enter the page numbers by separating them with commas or by entering a hyphen between the page numbers.

Note

- You can also specify the print range by clicking the pages in the settings preview.

5. Complete the setup

Click **OK** on the **Page Setup** tab.

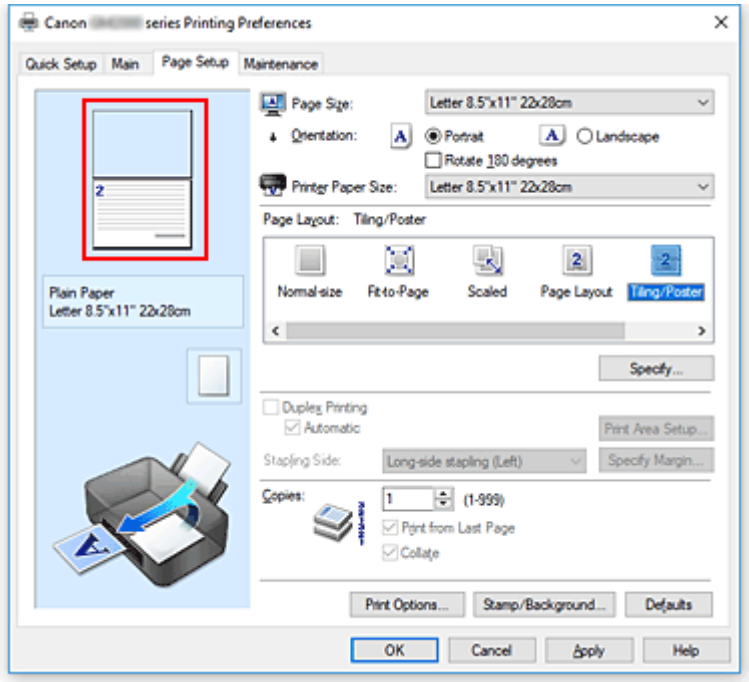
When you execute print, the document will be divided into several pages during printing.

Printing Only Specific Pages

If ink becomes faint or runs out during printing, you can reprint only the specific pages by following the procedure below:

1. Set the print range

In the settings preview on the left of the **Page Setup** tab, click the pages that do not need to be printed.
The pages that were clicked are deleted, and only the pages to be printed are displayed.



Note

- Click the deleted pages to display them again.
- Right-click the settings preview to select **Print all pages** or **Delete all pages**.

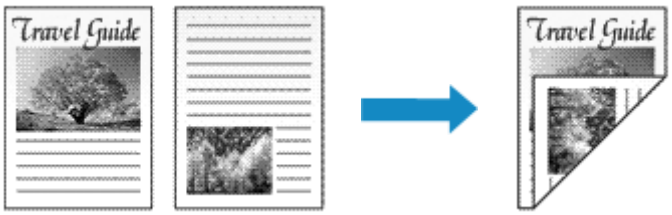
2. Complete the setup

After completing the page selection, click **OK**.
When you execute print, only specified pages will be printed.

Important

- Since tiling/poster printing enlarges the document when printing it, the print results may become coarse.

Duplex Printing



You can also set duplex printing in **Additional Features** on the **Quick Setup** tab.

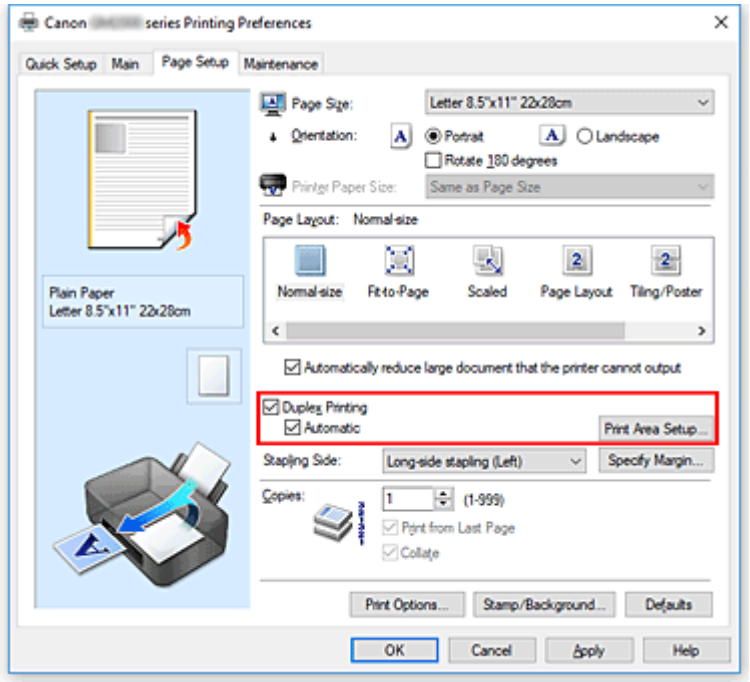
Performing Automatic Duplex Printing

You can perform the duplex printing without having to turn over the paper.

1. Open the printer driver setup window

2. Set automatic duplex printing

   Check the **Duplex Printing** check box on the **Page Setup** tab and confirm that **Automatic** is checked.

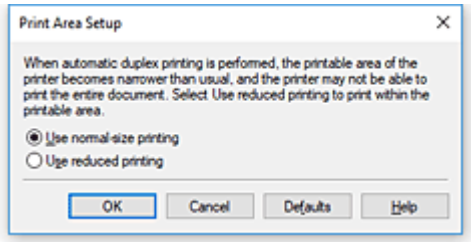


3. Select the layout

   Select **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** from the **Page Layout** list.

4. Set the print area

   When you perform duplex printing, the print area of the document becomes slightly narrower than usual and the document may not fit on one page.
   Click **Print Area Setup...**, select one of the following process methods, and then click **OK**.



Use normal-size printing

Print without reducing the page.

Use reduced printing

Reduce the page slightly during printing.

5. Specify the side to be stapled

The best **Stapling Side** is selected automatically from the **Orientation** and **Page Layout** settings. To change the setting, select another stapling side from the list.

6. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.

7. Complete the setup

Click **OK** on the **Page Setup** tab.
When you execute print, duplex printing will be started.

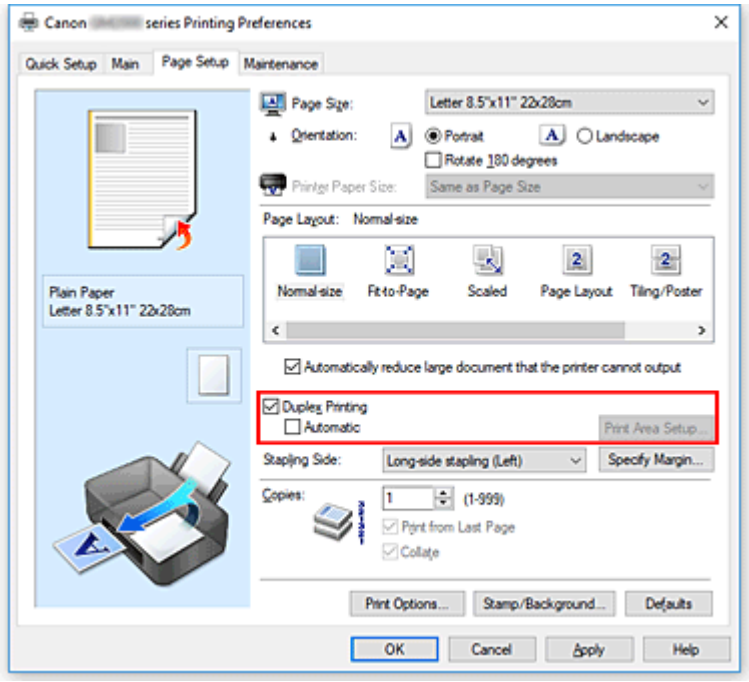
Performing Duplex Printing Manually

You can perform the duplex printing manually.

1. Open the printer driver setup window

2. Set duplex printing

Check the **Duplex Printing** check box and uncheck the **Automatic** check box on the **Page Setup** tab.



3. Select the layout

Select **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** from the **Page Layout** list.

4. Specify the side to be stapled

The best **Stapling Side** is selected automatically from the **Orientation** and **Page Layout** settings. To change the setting, select another stapling side from the list.

5. Set the margin width

If necessary, click **Specify Margin...** and set the margin width, and then click **OK**.

6. Complete the setup

Click **OK** on the **Page Setup** tab.
When you execute print, the document is first printed on one side of a sheet of paper. After one side is printed, reload the paper correctly according to the message.
Then click **Start Printing** to print the opposite side.

Important

- When a media type other than **Plain Paper** is selected from the **Media Type** list on the **Main** tab, **Duplex Printing** appears grayed out and is unavailable.
- When **Tiling/Poster**, or **Booklet** is selected from the **Page Layout** list, **Duplex Printing** and **Stapling Side** appear grayed out and are unavailable.
- **Duplex Printing** can be performed only when one of the following paper sizes is selected from **Page Size** on the **Page Setup** tab.
  - **Letter 8.5"x11" 22x28cm**, **A5**, **A4**, **B5**

- After printing the front page, there is an ink drying wait time before starting to print the back page (Operation stops temporarily). Do not touch the paper during this time. You can change the ink drying wait time at **Custom Settings** in the Canon IJ Printer Assistant Tool.

Note

- If the back side of the paper becomes smudged during duplex printing, perform **Bottom Plate Cleaning** in the Canon IJ Printer Assistant Tool.

Related Topics

- Cleaning Inside the Printer
- Changing the Printer Operation Mode

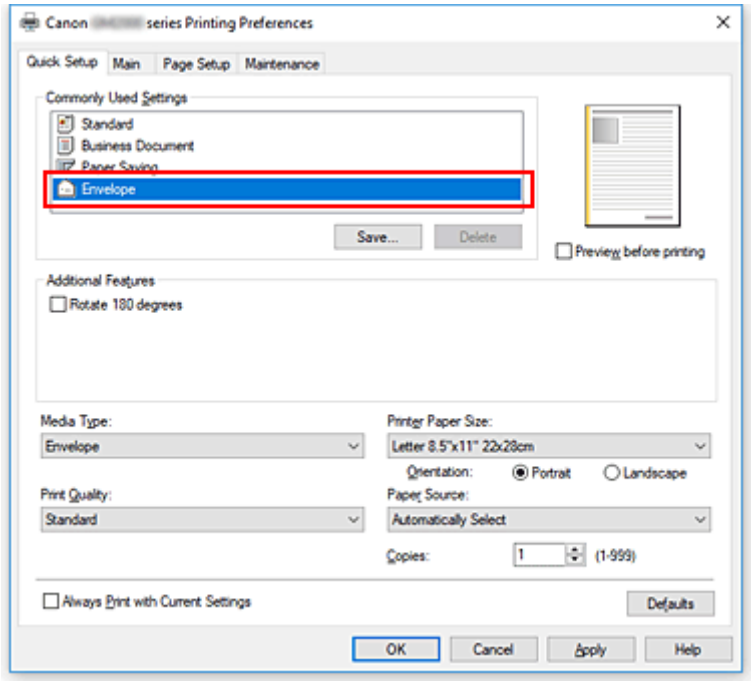
Setting Up Envelope Printing

1. Load envelope on the printer

2. Open the printer driver setup window

3. Select the media type

   Select **Envelope** from **Commonly Used Settings** on the **Quick Setup** tab.

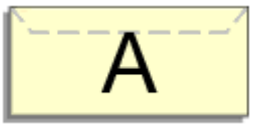


4. Select the paper size

   When the **Envelope Size Setting** dialog box is displayed, select **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"**, and then click **OK**.

5. Set the orientation

   To print the addressee horizontally, select **Landscape** for **Orientation**.



Note

- If **Envelope Com 10**, **Envelope DL**, **Yougata 4 4.13"x9.25"**, or **Yougata 6 3.86"x7.48"** is selected for **Printer Paper Size**, the printer rotates the paper 90 degrees to the left to print, regardless of the **Rotate 90 degrees left when orientation is [Landscape]** setting for **Custom Settings** in the Canon IJ Printer Assistant Tool.

6. Select the print quality

Select **High** or **Standard** that matches your purpose for **Print Quality**.

7. Click **OK**

When you execute print, the information is printed on the envelope.

Important

- When you execute envelope printing, guide messages are displayed.
  To hide the guide messages, check the **Do not show this message again** check box.
  To show the guide again, click the **View Printer Status** button on the **Maintenance** tab, and start the Canon IJ Status Monitor.
  Then click **Envelope Printing** from **Display Guide Message** of the **Option** menu to enable the setting.

Printing on Postcards

1. Load postcard on the printer
2. Open the printer driver setup window
3. Select commonly used settings

   Display the **Quick Setup** tab, and for **Commonly Used Settings**, select **Standard**.
4. Select the media type

   For **Media Type**, select **Ink Jet Hagaki (A)**, **Ink Jet Hagaki**, **Hagaki (A)**, or **Hagaki**.

   Important

   - This printer cannot print on postcards that have photos or stickers attached.
   - When printing on each side of a postcard separately, you will get cleaner printing if you print the message side first and then print the address side.
5. Select the paper size

   For **Printer Paper Size**, select **Hagaki 100x148mm** or **Hagaki 2 200x148mm**.

   Important

   - Return postcards can be used only when you print them from the computer.
   - When printing a return postcard, always set the paper size to **Hagaki 2 200x148mm** from your application software or the printer driver.
   - Do not fold the return postcard. If a crease is formed, the printer will not be able to feed the postcard properly, and this condition will cause line shifts or a paper jam.
6. Set the print orientation

   To print the address horizontally, set **Orientation** to **Landscape**.
7. Select the print quality

   For **Print Quality**, select **High** or **Standard**, according to your purpose.
8. Click **OK**

   When you execute printing, the data will be printed onto the postcard.

Important

- If you want to display a guide message when performing postcard printing, open the **Maintenance** tab and click **View Printer Status** to start the Canon IJ Status Monitor.
  On the **Option** menu, choose **Display Guide Message** and click **Hagaki Printing** to enable the setting.
  To hide these guide messages, select the **Do not show this message again** check box.

- When printing on media other than postcards, load the media according to usage method of that media, and click **Start Printing**.

Overview of the Printer Driver

- **Canon IJ Printer Driver**
  - Opening Printer Driver's Setup Screen
- **Canon IJ Status Monitor**
- **Instructions for Use (Printer Driver)**

Canon IJ Printer Driver

The Canon IJ printer driver (simply called printer driver below) is software that you install onto your computer so that it can communicate with the printer.

The printer driver converts the print data created by your application software into data that your printer can understand, and sends the converted data to the printer.

Because different printers support different data formats, you need a printer driver that supports your printer.

Installing the Printer Driver

To install the printer driver, install the driver from **Start Setup** on the setup CD-ROM that came with your printer.

Specifying the Printer Driver

To specify the printer driver, open the **Print** dialog box of the application software you are using, and select "Canon XXX" (where "XXX" is your model name).

Displaying the Manual from the Printer Driver

To display the description of a setup tab from the printer driver's setup screen, click **Help** on that tab.

Related Topic

➡ Opening Printer Driver's Setup Screen

Opening Printer Driver's Setup Screen

You can display the printer driver's setup screen from your application software or by clicking the printer icon.

Displaying the Printer Driver's Setup Screen from Your Application Software

Perform this procedure to set up the print settings during printing.

1. Select print command from application software

   The **Print** command can generally be found in the **File** menu.

2. Select your printer model, and click **Preferences** (or **Properties**)

   The printer driver's setup screen appears.

   Note

   - Depending on the application software you are using, the command and menu names, and the number of steps may vary. For details, refer to the operating instructions of your application software.

Displaying the Printer Driver's Setup Screen by Clicking the Printer Icon

From the setup screen you can perform printer maintenance operations such as print head cleaning, or set print settings to be shared by all application software.

1. Select **Control Panel** -> **Hardware and Sound** -> **Devices and Printers**

2. Right-click the icon of your model. When the menu appears, select **Printing preferences**

   The printer driver's setup screen appears.

   Important

   - Opening the printer driver setup window through **Printer properties** displays such tabs regarding the Windows functions as the **Ports** (or **Advanced**) tab. Those tabs do not appear when opening through **Printing preferences** or application software. For tabs regarding Windows functions, refer to the user's manual for the Windows.

Canon IJ Status Monitor

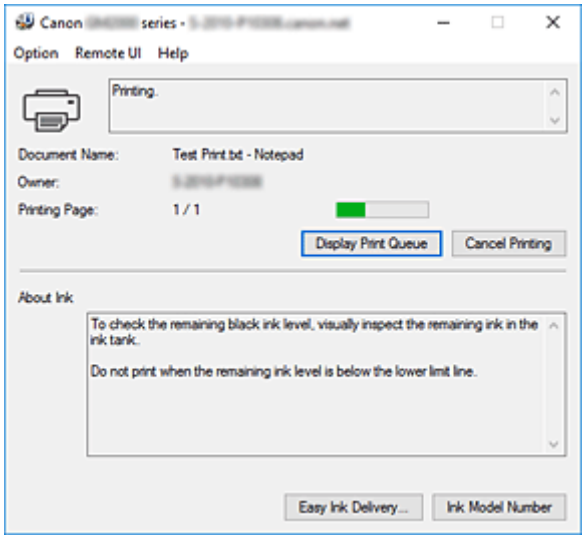
The Canon IJ Status Monitor displays the printer status and the printing progress. The printer status is shown by the icons and messages in the status monitor.

Launching the Canon IJ Status Monitor

The Canon IJ Status Monitor launches automatically when print data is sent to the printer. When launched, the Canon IJ Status Monitor appears as a button on the task bar.



Click the button of the status monitor displayed on the task bar. The Canon IJ Status Monitor appears.

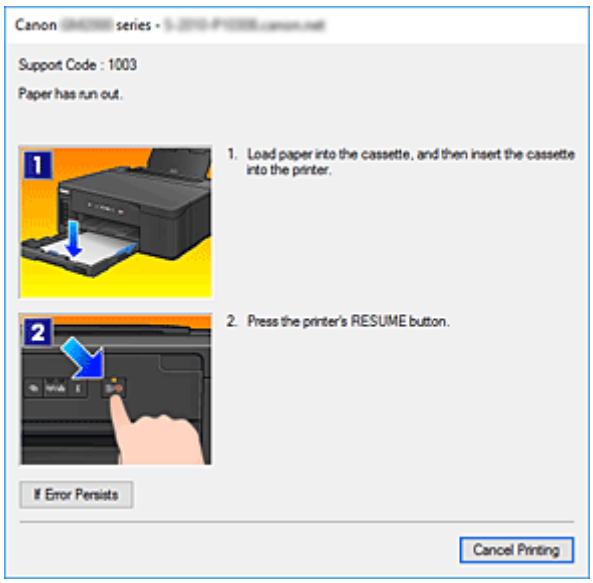


Note

- To open the Canon IJ Status Monitor when the printer is not printing, open the printer driver setup window and click **View Printer Status** on the **Maintenance** tab.
- The information displayed on the Canon IJ Status Monitor may differ depending on the country or region where you are using your printer.

When Errors Occur

The Canon IJ Status Monitor is automatically displayed if an error occurs (e.g., if the printer runs out of paper or if the ink is low).



In such cases, take the appropriate action as described.

Instructions for Use (Printer Driver)

This printer driver is subject to the following restrictions. Keep the following points in mind when using the printer driver.

Restrictions on the Printer Driver

- Depending on the document type to be printed, the paper feed method specified in the printer driver may not operate correctly.
  If this happens, open the printer driver setup window from the **Print** dialog box of the application software, and check the setting in the **Paper Source** field on the **Main** tab.
- With some applications, the **Copies** setting in the **Page Setup** tab of the printer driver may not be enabled.
  In this case, use the copies setting in the **Print** dialog box of the application software.
- If the selected **Language** in the **About** dialog box of the **Maintenance** tab does not match the operating system interface language, the printer driver setup window may not be displayed properly.
- Do not change the **Advanced** tab items of the printer properties. If you change any of the items, you will not be able to use the following functions correctly.
  Also, if **Print to file** is selected in the **Print** dialog box of the application software and with applications that prohibit EMF spooling, such as Adobe Photoshop LE and MS Photo Editor, the following functions will not operate.
  - **Preview before printing** on the **Main** tab
  - **Prevention of Print Data Loss** in the **Print Options** dialog box on the **Page Setup** tab
  - **Page Layout**, **Tiling/Poster**, **Booklet**, **Duplex Printing**, **Specify Margin...**, **Print from Last Page**, **Collate**, and **Stamp/Background...** on the **Page Setup** tab
  - **Print a pattern for color adjustment** on the **Color Adjustment** tab in the **Manual Color Adjustment** dialog box
- Since the resolution in the preview display differs from the printing resolution, text and lines in the preview display may appear different from the actual print result.
- With some applications, the printing is divided into multiple print jobs.
  To cancel printing, delete all divided print jobs.
- If image data is not printed correctly, display the **Print Options** dialog box from the **Page Setup** tab and change the setting of **Disable ICM required from the application software**. This may solve the problem.

Points to Note About Applications with Restrictions

- There are following restrictions in Microsoft Word (Microsoft Corporation).
  - When Microsoft Word has the same printing functions as the printer driver, use Word to specify them.
  - When **Fit-to-Page**, **Scaled**, or **Page Layout** is used for **Page Layout** on the **Page Setup** tab of the printer driver, the document may not print normally in certain versions of Word.
  - When **Page Size** in Word is set to "XXX Enlarge/Reduce", the document may not print normally in certain versions of Word.
    If this happens, follow the procedure below.
    1. Open Word's **Print** dialog box.

2. Open the printer driver setup window, and on the **Page Setup** tab, set **Page Size** to the same paper size that you specified in Word.
3. Set the **Page Layout** that you want, and then click **OK** to close the window.
4. Without starting printing, close the **Print** dialog box.
5. Open Word's **Print** dialog box again.
6. Open the printer driver setup window and click **OK**.
7. Start printing.

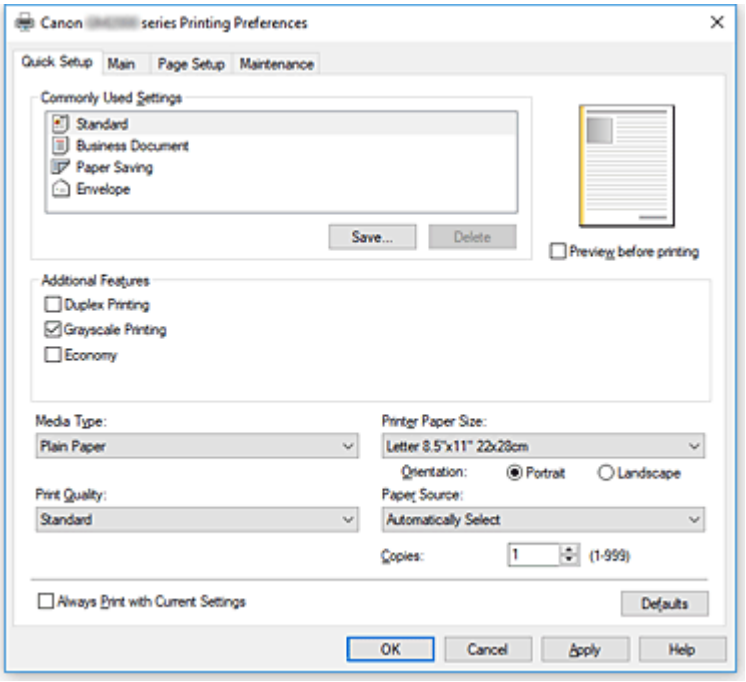
- If bitmap printing is enabled in Adobe Illustrator (Adobe Systems Incorporated), printing may take time or some data may not be printed. Print after unchecking the **Bitmap Printing** check box in the **Print** dialog box.

Printer Driver Description

- Quick Setup Tab Description
- Main Tab Description
- Page Setup Tab Description
- Maintenance Tab Description
- Canon IJ Status Monitor Description

Quick Setup Tab Description

The **Quick Setup** tab is for registering commonly used print settings. When you select a registered setting, the printer automatically switches to the preset items.



Commonly Used Settings

The names and icons of frequently used printing profiles are registered. When you select a printing profile according to the purpose of the document, settings that match the purpose are applied.
In addition, functions that are thought to be useful for the selected printing profile are displayed in **Additional Features**.
You can also change a printing profile and register it under a new name. You can delete the registered printing profile.
You can rearrange the profiles either by dragging the individual profiles or by holding down the Ctrl key and pressing the up or down arrow keys.

Standard

These are the factory settings.
If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Business Document

Select this setting when printing a general document.
If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Paper Saving

Select this setting to save paper when printing a general document. The **2-on-1 Printing** and **Duplex Printing** check boxes are checked automatically.
If **Page Size**, **Orientation**, and **Copies** were set from the application software, those settings have priority.

Envelope

If you select this setting for printing an envelope, **Media Type** is set automatically to **Envelope**. In the **Envelope Size Setting** dialog box, select the size of the envelope to be used.

Note

- The combination of the **Additional Features** that was displayed for the printing profile that had been selected when the added printing profile was saved is also displayed when that added printing profile is selected.

Save...

Displays the **Save Commonly Used Settings** dialog box.

Click this button when you want to save the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs to **Commonly Used Settings**.

Delete

Deletes a registered printing profile.

Select the name of the setting to be deleted from **Commonly Used Settings**, and click **Delete**. When a confirmation message is displayed, click **OK** to delete the specified printing profile.

Note

- Printing profiles that are registered in the initial settings cannot be deleted.

Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.

You can check an overall image of the layout.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

Uncheck this check box if you do not want to display a preview.

Additional Features

Displays the frequently used, convenient functions for the printing profile that you selected for **Commonly Used Settings** on the **Quick Setup** tab.

When you move the mouse pointer near a function that can be changed, a description of that function is displayed.

To enable a function, check the corresponding check box.

For some functions, you can set detailed settings from the **Main** and **Page Setup** tabs.

Important

- Depending on the printing profiles, certain function may be grayed out and you will not be able to change them.

2-on-1 Printing

Prints two pages of the document, side by side, on one sheet of paper.

To change the page sequence, click the **Page Setup** tab, select **Page Layout** for **Page Layout**, and click **Specify...**. Then in the **Page Layout Printing** dialog box that appears, specify the **Page Order**.

4-on-1 Printing

Prints four pages of the document, side by side, on one sheet of paper.

To change the page sequence, click the **Page Setup** tab, select **Page Layout** for **Page Layout**,

and click **Specify...**. Then in the **Page Layout Printing** dialog box that appears, specify the **Page Order**.

Duplex Printing

Selects whether to print the document on both sides or one side of a sheet of paper.
To change the staple side or the margins, set the new values from the **Page Setup** tab.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Economy

Reduces the amount of black ink used when printing.

Note

- Selecting **Economy** reduces black ink consumption. This means that you can print more than if you have **Standard** selected.
  The **Economy** setting does not affect the amount of color ink consumed. **Economy** and **Standard** will consume the same amount of color ink.
  For details on Economy Mode, see "Economy Mode."

Rotate 180 degrees

Prints the document by rotating it 180 degrees against the paper feed direction.
The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

Media Type

Selects a type of printing paper.
Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

Printer Paper Size

Selects the size of paper actually loaded into the printer.
Normally, the paper size is set automatically according to the output paper size setting, and the document is printed with no scaling.
When you set **2-on-1 Printing** or **4-on-1 Printing** in **Additional Features**, you can manually set the paper size with **Page Size** on the **Page Setup** tab.
If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged.
Also if you select **Custom...**, the **Custom Paper Size** dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Orientation

Selects the printing orientation.
If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.
You can change the rotation direction by going to the Canon IJ Printer Assistant Tool, opening the **Custom Settings** dialog box, and then using **Rotate 90 degrees left when orientation is**

[Landscape] check box.
To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Print Quality

Selects your desired printing quality.
Select one of the following to set the print quality level that is appropriate for the purpose.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Economy

Reduces the amount of black ink used when printing.

Note

- Selecting **Economy** reduces black ink consumption. This means that you can print more than if you have **Standard** selected.
  The **Economy** setting does not affect the amount of color ink consumed. **Economy** and **Standard** will consume the same amount of color ink.
  For details on Economy Mode, see "Economy Mode."

Paper Source

Select the source from which paper is supplied.

Automatically Select

Based on the paper settings in the printer driver and the paper information registered on the printer, the printer automatically determines the paper source and feeds paper.

Rear Tray

Paper is always supplied from the rear tray.

Cassette

Paper is always supplied from the cassette.

Important

- Depending on the media type and size, the **Paper Source** settings that can be selected may differ.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

Important

- When the application software that you used to create the document has the same function, specify the settings on the printer driver. However, if the print results are not acceptable, specify the function settings on the application software.

Always Print with Current Settings

Prints documents with the current settings starting from the next print execution.
When you select this function and then close the printer driver setup window, the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs are saved and printing with the same settings is possible starting from the next print execution.

Important

- If you log on with a different user name, the settings that were set when this function was enabled are not reflected in the print settings.
- If a setting was specified on the application software, it has priority.

Defaults

Restores all the settings you have changed to their default values.
Click this button to return all settings on the **Quick Setup**, **Main**, and **Page Setup** tabs to their default values (factory settings).

Save Commonly Used Settings dialog box

This dialog box allows you to save the information that you set on the **Quick Setup**, **Main**, and **Page Setup** tabs and add the information to the **Commonly Used Settings** list on the **Quick Setup** tab.

Name

Enter the name for the printing profile you wish to save.
Up to 255 characters can be entered.
The name appears, with its associated icon, in the **Commonly Used Settings** list on the **Quick Setup** tab.

Options...

Opens the **Save Commonly Used Settings** dialog box.
Changes the details of printing profile to be saved.

Save Commonly Used Settings dialog box

Select the icons of the printing profiles to be registered to **Commonly Used Settings**, and change the items to be saved in the printing profiles.

Icon

Select the icon for the printing profile you wish to save.
The selected icon appears, with its name, in the **Commonly Used Settings** list on the **Quick Setup** tab.

Save the paper size setting

Saves the paper size to the printing profile in **Commonly Used Settings**.
To apply the saved paper size when the printing profile is selected, check this check box.
If this check box is unchecked, the paper size is not saved, and consequently the paper size setting is not applied when the printing profile is selected. Instead the printer prints with the paper size specified with the application software.

Save the orientation setting

Saves the **Orientation** to the printing profile in **Commonly Used Settings**.
To apply the saved print orientation when the printing profile is selected, check this check box.
If this check box is unchecked, the print orientation is not saved, and consequently the **Orientation** setting is not applied when the printing profile is selected. Instead the printer prints with the print orientation specified with the application software.

Save the copies setting

Saves the **Copies** setting to the printing profile in **Commonly Used Settings**.
To apply the saved copies setting when the printing profile is selected, check this check box.
If this check box is unchecked, the copies setting is not saved, and consequently the **Copies** setting is not applied when the printing profile is selected. Instead the printer prints with the copies setting specified with the application software.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

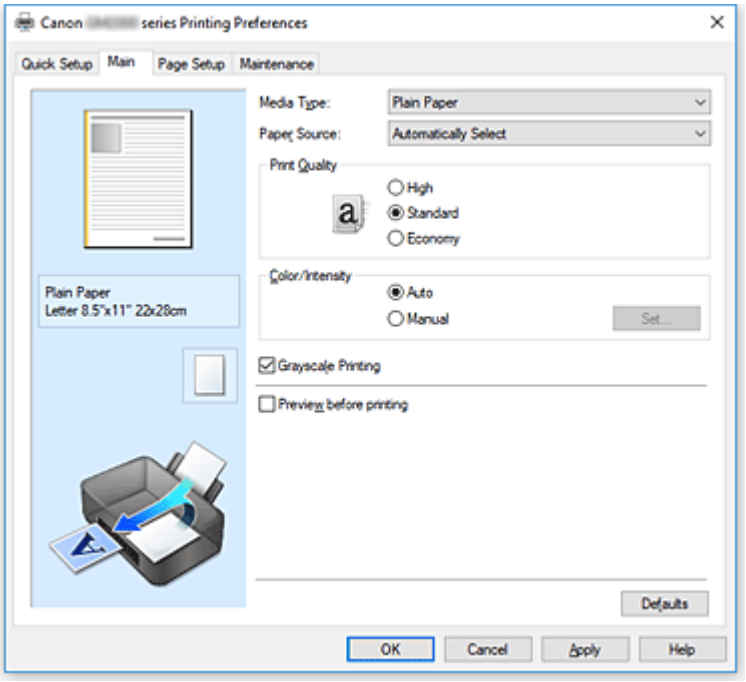
Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Related Topics

- Basic Printing Setup
- Setting a Page Size and Orientation
- Setting the Number of Copies and Printing Order
- Duplex Printing
- Setting Up Envelope Printing
- Printing on Postcards
- Switching the Paper Source to Match the Purpose
- Displaying the Print Results Before Printing
- Setting Paper Dimensions (Custom Size)
- Perform Color Printing Using the FINE Cartridge (Sold Separately)
- Specifying Color Correction
- Adjusting Color Balance Using Sample Patterns (Printer Driver)
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast
- Adjusting Intensity/Contrast Using Sample Patterns (Printer Driver)
- Registering a Frequently Used Printing Profile

Main Tab Description

The **Main** tab allows you to create a basic print setup in accordance with the media type. Unless special printing is required, normal printing can be performed just by setting the items on this tab.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.
You can check an overall image of the layout.
The printer illustration shows how to load paper to match the printer driver settings.
Check whether the printer is set up correctly by looking at the illustration before you start printing.

Media Type

Selects a type of printing paper.
Select a media type that matches the paper that is loaded in the printer. This ensures that printing is carried out properly for the specified paper.

Paper Source

Shows the source from which paper is supplied.
You may be able to switch the paper source with the printer driver.

Automatically Select

Based on the paper settings in the printer driver and the paper information registered on the printer, the printer automatically determines the paper source and feeds paper.

Rear Tray

Paper is always supplied from the rear tray.

Cassette

Paper is always supplied from the cassette.

Important

- Depending on the media type and size, the **Paper Source** settings that can be selected may differ.

Print Quality

Selects your desired printing quality.

Select one of the following to set the print quality level that is appropriate for the purpose.

Important

- Depending on the **Media Type** settings, the same print results may be produced even if the **Print Quality** is changed.

High

Gives priority to print quality over printing speed.

Standard

Prints with average speed and quality.

Economy

Reduces the amount of black ink used when printing.

Note

- Selecting **Economy** in **Print Quality** reduces black ink consumption. This means that you can print more than if you have **Standard** selected.
  The **Economy** setting does not affect the amount of color ink consumed. **Economy** and **Standard** will consume the same amount of color ink.
  For details on Economy Mode, see "Economy Mode."

Color/Intensity

Selects color adjustment method.

Auto

Cyan, **Magenta**, **Yellow**, **Brightness**, **Intensity**, **Contrast**, and so on are adjusted automatically.

Manual

Select when you set the individual settings such as **Cyan**, **Magenta**, **Yellow**, **Brightness**, **Intensity**, **Contrast**, etc. and **Color Correction** method.

Set...

Select **Manual** for **Color/Intensity** to enable this button.

In the **Manual Color Adjustment** dialog box, you can adjust individual color settings such as **Cyan**, **Magenta**, **Yellow**, **Brightness**, **Intensity**, and **Contrast** on the **Color Adjustment** tab, and select the **Color Correction** method on the **Matching** tab.

Note

- If you want to use an ICC profile to adjust colors, use the **Manual Color Adjustment** dialog box to set the profile.

Grayscale Printing

This function converts the data to monochrome data when printing your document.

Preview before printing

Shows what the print result will look like before you actually print the data.

Check this check box to display a preview before printing.

Defaults

Restores all the settings you have changed to their default values.

Clicking this button restores all the settings on the current screen to their default values (factory settings).

Color Adjustment Tab

This tab allows you to adjust the color balance by changing the settings of the **Cyan**, **Magenta**, **Yellow**, **Brightness**, **Intensity**, and **Contrast** options.

Preview

Shows the effect of color adjustment.

The color and brightness change when each item is adjusted.

Note

- The graphic is in monochrome when the **Grayscale Printing** check box is checked.

View Color Pattern

Displays a pattern for checking color changes produced by color adjustment.

If you want to display the preview image with a color pattern, check this check box.

Cyan / Magenta / Yellow

Adjusts the strengths of **Cyan**, **Magenta**, and **Yellow**.

Moving the slider to the right makes a color stronger, and moving the slider to the left makes a color weaker.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

This adjustment changes the relative amount of ink of each color used, which alters the total color balance of the document. Use your application if you want to change the total color balance significantly. Use the printer driver only if you want to adjust the color balance slightly.

Important

- When **Grayscale Printing** is checked on the **Main** tab, **Cyan**, **Magenta**, and **Yellow** appear grayed out and are unavailable.

Brightness

Selects the brightness of your print.

You cannot change the levels of pure white and black. However, the brightness of the colors between white and black can be changed.

Intensity

Adjusts the overall intensity of your print.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Contrast

Adjusts the contrast between light and dark in the image to be printed.

Moving the slider to the right increases the contrast, moving the slider to the left decreases the contrast.

You can also directly enter a value linked to the slider. Enter a value in the range from -50 to 50.

Print a pattern for color adjustment

When the color balance or intensity/contrast is changed, the pattern printing function prints a list of the adjustment results along with the adjustment values.

Select this function when printing a pattern for color adjustment.

Pattern Print preferences...

Check **Print a pattern for color adjustment** to enable this button.

The **Pattern Print** dialog box opens and allows you to set pattern printing settings.

Pattern Print dialog box

Performs the setup for printing of patterns that allow you to check the color balance and intensity/contrast of documents.

Parameters to Adjust

Select the item to be checked by pattern printing.

Cyan/Magenta/Yellow

Prints a pattern that allows you to check the cyan/magenta/yellow balance.

Important

- When **Grayscale Printing** is checked on the **Main** tab, **Cyan/Magenta/Yellow** appear grayed out and are unavailable.

Intensity/Contrast

Prints a pattern that allows you to check the intensity/contrast balance.

Printer Paper Size

Selects the paper size to be used for pattern printing.

This setting is linked to **Printer Paper Size** on the **Page Setup** tab.

Note

- Depending on the paper size selected on the **Page Setup** tab, there may be sizes that cannot be selected.

Amount of Pattern Instances

Sets the number of patterns to be printed.

You can select from **Largest**, **Large**, and **Small**. When you select a pattern size, the number of patterns that can be printed is as follows:

Note

- **Largest** and **Large** cannot be selected when certain paper sizes or output paper sizes are selected.
- The setting preview on the **Main** tab displays an image that allows you to check the overall layout.

Largest

Cyan/Magenta/Yellow 37
Intensity/Contrast 49

Large

Cyan/Magenta/Yellow 19
Intensity/Contrast 25

Small

Cyan/Magenta/Yellow 7
Intensity/Contrast 9

Color Variation Between Instances

Sets the amount of color change between neighboring patterns.

Select from **Large**, **Medium**, and **Small**. **Large** produces a large amount of change, and **Small** produces a small amount of change.

Note

- **Large** is about double the size of **Medium**, and **Small** is about half the size of **Medium**.

Matching Tab

Allows you to select the method for adjusting colors to match the type of document to be printed.

Color Correction

Allows you to select **Driver Matching**, **ICM**, or **None** to match the purpose of the print operation.

Important

- When **Grayscale Printing** is checked on the **Main** tab, **Color Correction** appears grayed out and is unavailable.

Driver Matching

With Canon Digital Photo Color, you can print sRGB data with color tints that most people prefer.

ICM

Adjusts the colors by using an ICC profile when printing.

Important

- If the application software is set so that ICM is disabled, **ICM** is unavailable for **Color Correction** and the printer may not be able to print the image data properly.

None

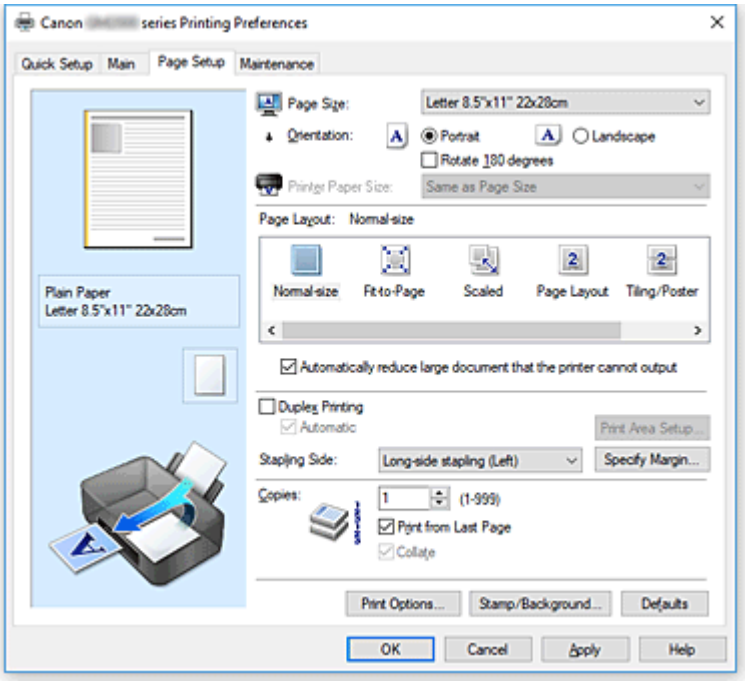
Disables color adjustment with the printer driver.

Related Topics

- Setting the Print Quality Level
- Adjusting Color Balance
- Adjusting Brightness
- Adjusting Intensity
- Adjusting Contrast
- Adjusting Color Balance Using Sample Patterns (Printer Driver)
- Adjusting Intensity/Contrast Using Sample Patterns (Printer Driver)
- Perform Color Printing Using the FINE Cartridge (Sold Separately)
- Specifying Color Correction
- Displaying the Print Results Before Printing

Page Setup Tab Description

The **Page Setup** tab allows you to determine how a document is to be arranged on the paper. Also, this tab allows you to set the number of copies and the order of printing. If the application which created the document has a similar function, set them with the application.



Settings Preview

The paper illustration shows how the original will be laid out on a sheet of paper.
You can check an overall image of the layout.
The printer illustration shows how to load paper to match the printer driver settings.
Check whether the printer is set up correctly by looking at the illustration before you start printing.

Page Size

Selects a page size.
Ensure that you select the same page size as you selected within the application.
If you select **Custom...**, the **Custom Paper Size** dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Orientation

Selects the printing orientation.
If the application used to create your document has a similar function, select the same orientation that you selected in that application.

Portrait

Prints the document so that its top and bottom positions are unchanged relative to the paper feed direction. This is the default setting.

Landscape

Prints the document by rotating it 90 degrees relative to the paper feed direction.
You can change the rotation direction by going to the Canon IJ Printer Assistant Tool, opening the **Custom Settings** dialog box, and then using **Rotate 90 degrees left when orientation is [Landscape]** check box.

To rotate the document 90 degrees to the left when printing, select the **Rotate 90 degrees left when orientation is [Landscape]** check box.

Rotate 180 degrees

Prints the document by rotating it 180 degrees against the paper feed direction.
The width of print area and the amount of extension that are configured in other application software will be reversed vertically and horizontally.

Printer Paper Size

Selects the size of paper actually loaded into the printer.
The default setting is **Same as Page Size** to perform normal-sized printing.
You can select a printer paper size when you select **Fit-to-Page**, **Scaled**, **Page Layout**, **Tiling/Poster**, or **Booklet** for **Page Layout**.
If you select a paper size that is smaller than the **Page Size**, the document size will be reduced. If you select a paper size that is larger, the document size will be enlarged.
Also if you select **Custom...**, the **Custom Paper Size** dialog box opens and allows you to specify any vertical and horizontal dimensions for the paper size.

Page Layout

Selects the size of the document you want to print and the type of printing.

Normal-size

This is the normal printing method. Select this when you do not specify any page layout.

Automatically reduce large document that the printer cannot output

If the printer cannot print the paper size of a document, the printer can automatically reduce the size when it prints the document.
Check this check box to reduce the size when printing the document.

Fit-to-Page

This function enables you to automatically enlarge or reduce documents to fit to the paper size loaded in the printer without changing the paper size you specified in your application software.

Scaled

Documents can be enlarged or reduced to be printed.
Specify the size in **Printer Paper Size**, or enter the scaling ratio in the **Scaling** box.

Scaling

Specifies an enlargement or reduction ratio for the document you want to print.

Page Layout

Multiple pages of document can be printed on one sheet of paper.

Specify...

Opens the **Page Layout Printing** dialog box.
Click this button to set details on page layout printing.

Tiling/Poster

This function enables you to enlarge the image data and divide the enlarged data into several pages to be printed. You can also glue together these sheets of paper to create large printed matter, such as a poster.

Specify...

Opens the **Tiling/Poster Printing** dialog box.
Click this button to set details on tiling/poster printing.

Booklet

The booklet printing function allows you to print data for a booklet. Data is printed on both sides of the paper. This type of printing ensures that pages can be collated properly, in page number order, when the printed sheets are folded and stapled at the center.

Specify...

Opens the **Booklet Printing** dialog box.

Click this button to set details on booklet printing.

Duplex Printing

Selects whether to print the document automatically on both sides or one side of a sheet of paper.

Check this check box to print the document on both sides.

This function can be used only when **Plain Paper** is selected for **Media Type** and one of **Normal-size**, **Fit-to-Page**, **Scaled**, or **Page Layout** is selected.

Automatic

Selects whether duplex printing is to be performed automatically or manually.

This check box will be enabled if **Booklet** is selected from the **Page Layout** list or the **Duplex Printing** check box is checked.

To perform duplex printing automatically, check this check box.

To perform duplex printing manually, uncheck this check box.

Print Area Setup...

Opens the **Print Area Setup** dialog box in which you can configure the print area for automatic duplex printing.

Stapling Side

Selects the stapling margin position.

The printer analyzes the **Orientation** and **Page Layout** settings, and automatically selects the best stapling margin position. Check **Stapling Side**, and select from the list to change it.

Specify Margin...

Opens the **Specify Margin** dialog box.

You can specify the width of the margin.

Copies

Specifies the number of copies you want to print. You can specify a value from 1 to 999.

Important

- If the application used to create your document has a similar function, specify the number of copies with the application without specifying it here.

Print from Last Page

Check this check box when you want to print from the last page in order. If you do this, you do not need to sort the pages into their correct order after printing.

Uncheck this check box to print your document in normal order, starting from the first page.

Collate

Check this check box to group together the pages of each copy when you want to print multiple copies.

Uncheck this check box when you want to print with all pages of the same page number grouped together.

Important

- When the application software that you used to create the document has the same function, give priority to the printer driver settings. However, if the print results are not acceptable, specify the function settings on the application software. When you specify the number of copies and the printing order with both the application and this printer driver, the number of copies may be multiplied numbers of the two settings or the specified printing order may not be enabled.

Print Options...

Opens the **Print Options** dialog box.
Changes detailed printer driver settings for print data that is sent from applications.

Stamp/Background...

Opens the **Stamp/Background** dialog box.
The **Stamp** function allows you to print a stamp text or a bitmap over or behind document data. It also allows you to print date, time and user name. The **Background** function allows you to print a light illustration behind the document data.
Depending on the environment, **Stamp** and **Background** may not be available.

Custom Paper Size dialog box

This dialog box allows you to specify the size (width and height) of the custom paper.

Units

Select the unit for entering a user-defined paper size.

Paper Size

Specifies the **Width** and the **Height** of the custom paper. Measurement is shown according to the units specified in **Units**.

Page Layout Printing dialog box

This dialog box allows you to select the number of document pages to be placed on one sheet of paper, the page order, and whether a page border line is to be printed around each document page.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Page Layout Printing** dialog box.
You can check what the print result will look like before you actually print the data.

Page Layout

Specifies the number of document pages to fit on one sheet.

Page Order

Specifies the document orientation to be printed on a sheet of paper.

Page Border

Prints a page border line around each document page.
Check this check box to print the page border line.

Tiling/Poster Printing dialog box

This dialog box allows you to select the size of the image to be printed. You can also make settings for cut lines and paste markers which are convenient for pasting together the pages into a poster.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings of the **Tiling/Poster Printing** dialog box.
You can check what the print result will look like.

Image Divisions

Select the number of divisions (vertical x horizontal).
As the number of divisions increases, the number of sheets used for printing increases. If you are pasting pages together to create a poster, increasing the number of divisions allows you to create a larger poster.

Print "Cut/Paste" in margins

Specifies whether to print the words "Cut" and "Paste" in the margins. These words serve as guidelines for pasting together the pages into a poster.
Check this check box to print the words.

Note

- Depending on the type of printer driver you are using and the environment, this function may not be available.

Print "Cut/Paste" lines in margins

Specifies whether to print cut lines that serve as guidelines for pasting together the pages into a poster.
Check this check box to print the cut lines.

Print page range

Specifies the printing range. Select **All** under normal circumstances.
Select **Pages** to specify a specific page or range.

Note

- If some of the pages have not been printed well, specify the pages that do not need to be printed by clicking them in the settings preview of the **Page Setup** tab. Only the pages shown on the screen will be printed this time.

Booklet Printing dialog box

This dialog box allows you to set how to bind the document as a booklet. Printing only on one side and printing a page border, can also be set in this dialog box.
The settings specified in this dialog box can be confirmed in the settings preview on the printer driver.

Preview Icon

Shows the settings made on the **Booklet Printing** dialog box.
You can check what the document will look like when printed as a booklet.

Margin for stapling

Specifies which side of the booklet is to be stapled.

Insert blank page

Selects whether to print the document on one side or both sides of the booklet.

Check this check box to print the document on one side of the booklet and select the side to be left blank from the list.

Margin

Specifies the width of the stapling margin.

The specified width becomes the stapling margin from the center of the sheet.

Page Border

Prints a page border line around each document page.

Check this check box to print the page border line.

Print Area Setup dialog box

When you perform duplex printing, the print area of the document becomes slightly narrower than usual. Therefore when a document that has small margins is printed, the document may not fit on one page. This dialog box allows you to set whether the page is to be reduced when printed so that the document fits in one page.

Use normal-size printing

Prints the document pages without reducing them. This is the default setting.

Use reduced printing

Slightly reduces each document page so that it fits on one sheet of paper during printing.

Select this setting when using automatic duplex printing to print a document with small margins.

Specify Margin dialog box

This dialog box allows you to specify the margin width for the side to be stapled. If a document does not fit on one page, the document is reduced when printed.

Margin

Specifies the width of the stapling margin.

The width of the side specified by **Stapling Side** becomes the stapling margin.

Print Options dialog box

Makes changes to print data that is sent to the printer.

Depending on the environment, this function may not be available.

Disable ICM required from the application software

Disables the ICM function required from the application software.

When an application software uses Windows ICM to print data, unexpected colors may be produced or the printing speed may decrease. If these problems occur, checking this check box may resolve the problems.

Important

- Uncheck this check box under normal circumstances.

- This function does not work when **ICM** is selected for **Color Correction** on the **Matching** tab of the **Manual Color Adjustment** dialog box.

Disable the color profile setting of the application software

Checking this check box disables information in the color profile that was set on the application software.

When the information in the color profile set on the application software is output to the printer driver, the print result may contain unexpected colors. If this happens, checking this check box may resolve the problem.

Important

- Even when this check box is checked, only some of the information in the color profile is disabled, and the color profile can still be used for printing.
- Uncheck this check box under normal circumstances.

Disable the paper source setting of the application software

Disables the paper feeding method that is set by the application.

With some applications such as Microsoft Word, the data may be printed with a feeding method that differs from the printer driver setting. In this case, check this function.

Important

- When this function is enabled, normally the paper feeding method cannot be changed from the Canon IJ Preview.

Ungroup Papers

Sets the display method of **Media Type**, **Page Size**, and **Printer Paper Size**.

To display the items separately, select the check box.

To display the items as a group, clear the check box.

Do not allow application software to compress print data

Compression of the application software print data is prohibited.

If the print result has missing image data or unintended colors, selecting this check box may improve the condition.

Important

- Uncheck this check box under normal circumstances.

Print after creating print data by page

The print data is created in page units, and printing starts after the processing of one page of print data is complete.

If a printed document contains unintended results such as streaks, selecting this check box may improve the results.

Important

- Uncheck this check box under normal circumstances.

Prevention of Print Data Loss

You can reduce the size of the print data that was created with the application software and then print the data.

Depending on the application software being used, the image data may be cut off or may not be printed properly. In such cases, select **On**. If you will not be using this function, select **Off**.

Important

- When using this function, the print quality may drop depending on the print data.

Unit of Print Data Processing

Selects the processing unit of the print data to be sent to the printer.

Select **Recommended** under normal circumstances.

Important

- A large amount of memory may be used for certain settings.
  Do not change the setting if your computer has a small amount of memory.

Print With

Specify the ink to be used when printing.

Select from **All Colors (Default)** and **Black Only**.

Important

- Some applications will print in color regardless of the **Grayscale Printing** settings. If you want to perform monochrome printing with these applications, set **Print With** to **Black Only**.
- If you have the FINE cartridge (sold separately) attached, and you have the following settings configured, the printer will print using color ink, and checking **Black Only** will have no effect.
  - **Media Type** other than **Plain Paper**, **Envelope**, **Ink Jet Hagaki (A)**, **Hagaki (A)**, or **Hagaki** is selected on the **Main** tab
- Do not detach the print head that is not in use. Printing cannot be performed while either print head is detached.

Stamp/Background dialog box

The **Stamp/Background** dialog box allows you to print a stamp and/or background over or behind the document pages. In addition to the pre-registered ones, you can register and use your original stamp or background.

Stamp

Stamp printing is a function that prints a stamp over a document.

Check this check box and select a title from the list to print a stamp.

Define Stamp...

Opens the **Stamp Settings** dialog box.

You can check the details of a selected stamp or save a new stamp.

Place stamp over text

Sets how the stamp is to be printed over the document.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp over the printed document page. The printed data may be hidden behind the stamp.

Uncheck this check box to print the document data over the stamp. The printed data will not be hidden behind the stamp. However, the sections of the stamp that are overlapped by the document may be hidden.

Stamp first page only

Selects whether the stamp is to be printed on the first page only or on all pages when the document has two or more pages.

Check the **Stamp** check box to enable this.

Check this check box to print a stamp on the first page only.

Background

Background printing is a function that allows you to print an illustration or a similar object (bitmap) behind the document.

Check this check box to print a background and select a title from the list.

Select Background...

Opens the **Background Settings** dialog box.

You can register a bitmap as a background, and change layout method and intensity of the selected background.

Background first page only

Selects whether to print the background on the first page only or print on all pages when the document has two or more pages.

Check the **Background** check box to enable this.

Check this check box to print a background on the first page only.

Stamp Tab

The Stamp tab allows you to set the text and bitmap file (.bmp) to be used for a stamp.

Preview Window

Shows the status of the stamp configured in each tab.

Stamp Type

Specifies the stamp type.

Select **Text** to create a stamp with characters. Select **Bitmap** to create with a bitmap file. Select **Date/Time/User Name** to display the creation date/time and user name of the printed document.

The setting items in the **Stamp** tab change depending on the selected type.

When **Stamp Type** is **Text** or **Date/Time/User Name**

Stamp Text

Specifies the stamp text string.

Up to 64 characters can be entered.

For **Date/Time/User Name**, the creation date/time and user name of the printed object are displayed in **Stamp Text**.

Important

- **Stamp Text** appears grayed out and is unavailable if **Date/Time/User Name** is selected.

TrueType Font

Selects the font for the stamp text string.

Style

Selects the font style for the stamp text string.

Size

Selects the font size for the stamp text string.

Outline

Selects a frame that encloses the stamp text string.

If a large font size is selected for **Size**, characters may extend outside of the stamp border.

Color/Select Color...

Shows the current color for the stamp.

To select a different color, click **Select Color...** to open the **Color** dialog box, and select or create a color you wish to use as a stamp.

When **Stamp Type** is **Bitmap**

File

Specifies the name of the bitmap file to be used as the stamp.

Select File...

Opens the dialog box to open a file.

Click this button to select a bitmap file to be used as a stamp.

Size

Adjusts the size of the bitmap file to be used as a stamp.

Moving the slider to the right increases the size, moving the slider to the left decreases the size.

Transparent white area

Specifies whether to make white-filled areas of the bitmap transparent.

Check this check box to make white-filled areas of the bitmap transparent.

Note

- Click **Defaults** to set **Stamp Type** to text, **Stamp Text** to blank, **TrueType Font** to Arial, **Style** to Regular, **Size** to 36 points, **Outline** unchecked, and **Color** to gray with the RGB values (192, 192, 192).

Placement Tab

The Placement tab allows you to set the position where the stamp is to be printed.

Preview Window

Shows the status of the stamp configured in each tab.

Position

Specifies the stamp position on the page.

Selecting **Custom** from the list allows you to enter values for the **X-Position** and **Y-Position** coordinates directly.

Rotation

Specifies the angle of rotation for the stamp. The angle can be set by entering the number of degrees.

Negative values rotate the stamp clockwise.

Note

- **Rotation** is enabled only when **Text** or **Date/Time/User Name** is selected for **Stamp Type** on the **Stamp** tab.

Note

- Click **Defaults** to set the stamp position to **Center** and the rotation to 0.

Save settings Tab

The **Save settings** tab allows you to register a new stamp or delete an unnecessary stamp.

Title

Enter the title to save the stamp you created.

Up to 64 characters can be entered.

Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Stamps

Shows a list of saved stamp titles.

Specify a title to display the corresponding stamp in **Title**.

Save/Save overwrite

Saves the stamp.

Enter a title in **Title**, and then click this button.

Delete

Deletes an unnecessary stamp.

Specify the title of an unnecessary stamp from the **Stamps** list, and click this button.

Background Tab

The Background tab allows you to select a bitmap file (.bmp) to be used as a background or determine how to print the selected background.

Preview Window

Shows the status of the bitmap set on the **Background** tab.

File

Specifies the name of the bitmap file to be used as the background.

Select File...

Opens the dialog box to open a file.

Click this button to select a bitmap file (.bmp) to be used as the background.

Layout Method

Specifies how the background image is to be placed on the paper.

When **Custom** is selected, you can set coordinates for **X-Position** and **Y-Position**.

Intensity

Adjusts the intensity of the bitmap to be used as a background.

Moving the slider to the right increases the intensity, and moving the slider to the left decreases the intensity. To print the background at the original bitmap intensity, move the slider to the rightmost position.

Note

- Depending on the environment, this function may not be available.
- Click **Defaults** to set **File** to blank, **Layout Method** to **Fill page**, and the **Intensity** slider to the middle.

Save settings Tab

The **Save settings** tab allows you to register a new background or delete an unnecessary background.

Title

Enter the title to save the background image you specified.

Up to 64 characters can be entered.

Note

- Spaces, tabs, and returns cannot be entered at the beginning or end of a title.

Backgrounds

Shows a list of registered background titles.

Specify a title to display the corresponding background in **Title**.

Save/Save overwrite

Saves the image data as a background.

After inserting the **Title**, click this button.

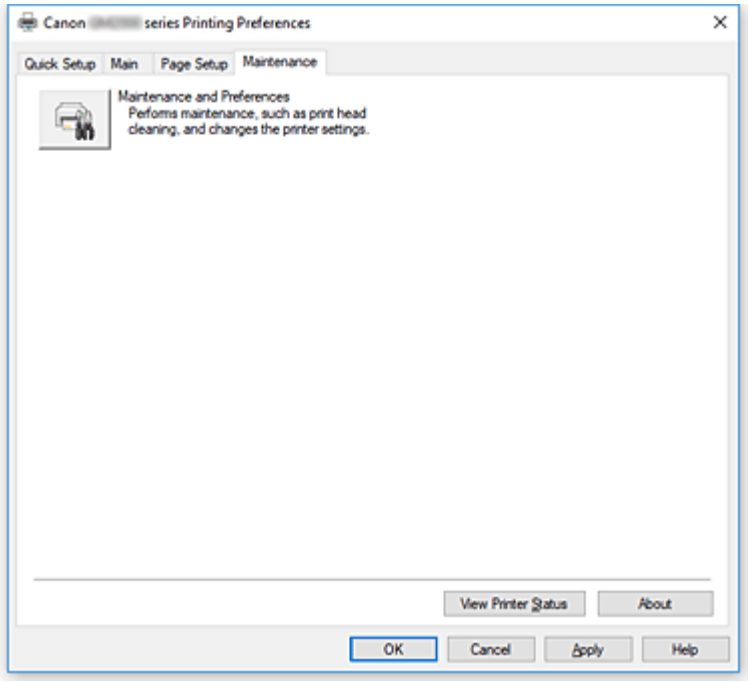
Delete

Deletes an unnecessary background.

Specify the title of an unnecessary background from the **Backgrounds** list, and then click this button.

Maintenance Tab Description

The **Maintenance** tab allows you to start the Canon IJ Printer Assistant Tool or check the status of the printer.





Maintenance and Preferences

Canon IJ Printer Assistant Tool is started.

You can perform printer maintenance or change the settings of the printer.

View Printer Status

Starts the Canon IJ Status Monitor.

Perform this function when you want to check the printer status and how a print job is proceeding.

About

Opens the **About** dialog box.

The version of the printer driver, plus a copyright notice, can be checked.

In addition, the language to be used can be switched.

About dialog box

When you click **About**, the **About** dialog box is displayed.

This dialog box displays the version, copyright, and module list of the printer driver. You can select the language to be used and switch the language displayed in the setup window.

Modules

Lists the printer driver modules.

Language

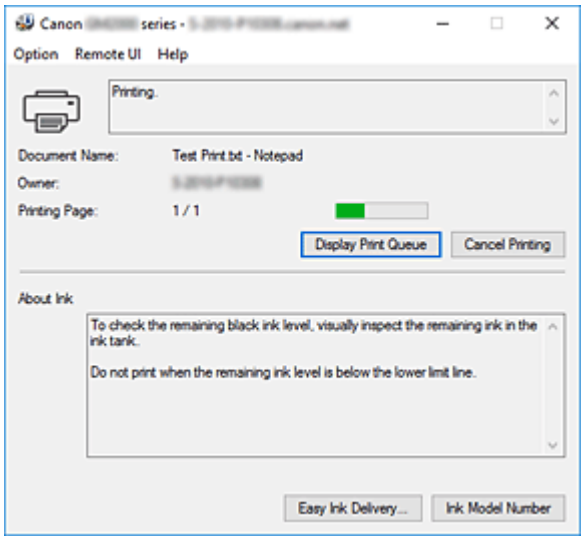
Specifies the language you wish to use in the printer driver setup window.

Important

- If the font for displaying the language of your choice is not installed in your system, the characters will be garbled.

Canon IJ Status Monitor Description

The Canon IJ Status Monitor displays the printer status and the printing progress. The printer status is shown by the icons and messages in the status monitor.



Features of the Canon IJ Status Monitor

The Canon IJ Status Monitor has the following functions:

Onscreen display of printer status

The status monitor displays the printer status in real-time.
You can check the progress of each document to be printed (print job).

Display of error content and correction procedure

The status monitor displays information on any errors that occur on the printer.
You can then immediately check what sort of action to perform.

Overview of the Canon IJ Status Monitor

The Canon IJ Status Monitor uses messages to display the printer status and the ink status.
During printing, you can check information about the document being printed and the print progress.
If an error occurs, the status monitor displays the error content and instructions on how to correct the error. Follow the message instructions.

Printer

Canon IJ Status Monitor shows an icon when a warning or error occurs to the printer.

: There is a warning.

: There has been an operator error.

: There is a notice about something other than a warning or an error.

: There has been an error which requires a service.

Document Name

Name of the document being printed.

Owner

Owner's name of the document being printed.

Printing Page

Page number of current page and the total page count.

Display Print Queue

The print queue, which controls the current document and documents waiting to be printed.

Cancel Printing

Cancels printing.

About Ink

Displays messages about ink.

Ink Model Number

You can look up the correct ink model number for your printer.

Option Menu

If a printer message appears, select **Enable Status Monitor** to start the Canon IJ Status Monitor.

Select **Enable Status Monitor** to use the following commands:

Always Display Current Job

Displays the Canon IJ Status Monitor whenever a document is being printed.

Always Display on Top

Displays the Canon IJ Status Monitor in front of other windows.

Display Guide Message

Displays guide messages for complicated paper setting operations.

Envelope Printing

Displays a guide message when envelope printing starts.

To hide this guide message, select the **Do not show this message again** check box.

To display the guide message again, open the **Option** menu, select **Display Guide Message**, click **Envelope Printing**, and enable this setting.

Hagaki Printing

Displays a guide message before the printer begins hagaki printing.

To display this guide message, open the **Option** menu, select **Display Guide Message**, click **Hagaki Printing**, and enable this setting.

To hide the guide message, select the **Do not show this message again** check box.

Display Warning Automatically

When a Low Ink Warning Occurs

Starts the Canon IJ Status Monitor window automatically and displays it in front of the other windows when a low ink warning occurs.

Start when Windows is Started

Automatically starts the Canon IJ Status Monitor when Windows is started.

Remote UI menu

You are able to open the printer's Remote User Interface.

You are able to check the printer status and run maintenance functions on the printer when connected to and using it through a network.

Note

- When the printer is being used via USB connection **Remote UI** will not display.

Printer Information

Allows you check detailed information, such as the printer status, the print progress, and remaining ink levels.

Maintenance

Allows you to run printer maintenance and change printer settings.

Download Security Certificate

Displays the **For secure communication** window.
This window allows you to download the route certificate, register it to the browser, and disable warning displays.

Help Menu

Select this menu to display Help information for the Canon IJ Status Monitor including version and copyright information.

Installing the Printer Driver

You can access our web site through the Internet and download the latest printer driver for your model.

1. Turn off the printer

2. Start the installer

   Double-click the icon of the downloaded file.
   The installation program starts.

   Important

   - A confirmation/warning dialog box may appear when starting, installing or uninstalling software. This dialog box appears when administrative rights are required to perform a task.
     When you are logged on to an administrator account, click **Yes** (or **Continue**, **Allow**) to continue.
     Some applications require an administrator account to continue. In such cases, switch to an administrator account, and restart the operation from the beginning.

3. Install the printer driver

   Take the appropriate action as described on the screen.

4. Complete the installation

   Click **Complete**.

Depending on the environment you are using, a message prompting you to restart the computer may be displayed. To complete the installation properly, restart the computer.

Important

- You can download the printer driver for free, but any Internet access charges incurred are your responsibility.
- Before installing the latest printer driver, delete the previously installed version.

Related Topics

- Obtaining the Latest Printer Driver
- Deleting the Unnecessary Printer Driver
- Before Installing the Printer Driver

Printing from Smartphone/Tablet

- Printing from iPhone/iPad/iPod touch (iOS)
- Printing from Smartphone/Tablet (Android)
- Printing with Wireless Direct

Printing with Wireless Direct

You can connect devices (e.g. computer, smartphone, or tablet) to the printer by two methods below.

- Wireless connection (connecting devices via a wireless router)
- Direct wireless connection (connecting devices using Wireless Direct)

This section describes Wireless Direct, which allows you to print by connecting the devices to the printer directly.

Follow the procedure below to use Wireless Direct.

1. Preparing the printer.

   ➡ Enabling Wireless Direct of Printer

2. Preparing a device to connect to the printer.

   ➡ Changing Settings of a Device and Connecting It to the Printer

3. Printing.

   ➡ Printing with Wireless Direct

Important

- You can connect up to 5 devices to the printer at the same time.
- Check the usage restrictions and switch the printer to the Wireless Direct.

  ➡ Restrictions

Enabling Wireless Direct of Printer

1. Make sure that the printer is turned on.

2. Press and hold **RESUME/CANCEL** button and release it when **Alarm** lamp flashes 12 times.

   Note

   - To check the printer's MAC address and the current Wireless Direct settings, print out the network setting information.

     ➡ Printing Network Settings

Changing Settings of a Device and Connecting It to the Printer

1. Turn on Wi-Fi function on your device.

   Enable "Wi-Fi" on your device's "Setting" menu.

   For more on turning on Wi-Fi function, see your device's instruction manual.

2. Select "XXXXXX-GM2000series" ("X" represents alphanumeric characters) from list displayed on your device.

Note

- If "XXXXXX-GM2000series" does not appear on the list, Wireless Direct is not enabled.

  See Enabling Wireless Direct of Printer to enable Wireless Direct.

3. Enter password.

Your device is connected to the printer.

Note

- You can check the password by printing the network settings from the printer.

  ➡ Printing Network Settings
- Depending on the device you are using, entering the password is required to connect a device to the printer via wireless LAN. Enter the password specified for the printer.
- Depending on the security settings, you may not need to enter a password.

Printing with Wireless Direct

After connecting a device and the printer, start printing from the application of your device.

Note

- For more details on printing from a device, refer to the instruction manual of the device or application.
- You can print from your smartphone or tablet by installing Canon PRINT Inkjet/SELPHY. Download it from App Store and Google Play.

  ➡ For iOS

  ➡ For Android

Frequently Asked Questions



Network

- Cannot Find Printer on Network
- Cannot Find Printer while Using Wi-Fi
- Network Key (Password) Unknown
- Cannot Print or Connect

For other questions about network, click here.



Print

- Printer Does Not Print
- Printouts Are Blank/Blurry or Fuzzy/Streaks or Lines
- Printout Results Are Unsatisfactory
- List of Support Code for Error (Paper Jams)
- Cannot Print or Connect



Installation

- Failed to Printer Driver Installation (Windows)



Error

- When Error Occurred
- Message (Support Code) Appears
- Repairing Your Printer

Solve Problems

Printer Does Not Work

- Printer Does Not Turn On
- Printer Turns Off Unexpectedly or Repeatedly
- USB Connection Problems
- Cannot Communicate with Printer via USB
- Printer Does Not Print
- Printing Stops
- Printer Prints Slowly
- Ink Does Not Come Out
- List of Support Code for Error (Paper Jams)
- Printer Does Not Pick up or Feed the Paper/"No Paper" Error
- Automatic Duplex Printing Problems
- Paper Does Not Feed from Paper Source Specified in Printer Driver (Windows)
- Printout Results Are Unsatisfactory
- Cannot Print from Smartphone/Tablet

Cannot Set Correctly (Network)

- Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN
- Printer Suddenly Stopped Working for Some Reason
- Network Key (Password) Unknown
- Forgot Administrator Password of Printer
- Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings
- Message Appears on Computer During Setup
- Checking Network Information
- Restoring to Factory Defaults

Cannot Set Correctly (Installation)

- Failed to Printer Driver Installation (Windows)
- Updating Printer Driver in Network Environment (Windows)

Error or Message Appears

- When Error Occurred
- Message (Support Code) Appears
- List of Support Code for Error

Operation Problems

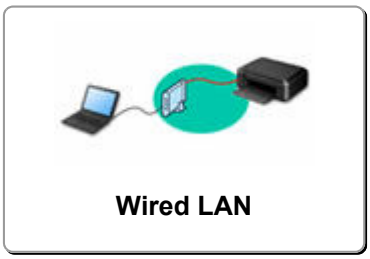
- Network Communication Problems
- Printing Problems
- Problems while Printing from Smartphone/Tablet
- Mechanical Problems
- Installation and Download Problems
- Errors and Messages
- If You Cannot Solve a Problem
- Repairing Your Printer
- Check State of Print Head

Network Settings and Common Problems

Here are frequently asked questions on network. Select a connection method you are using, or you want to use.







Wireless LAN

Cannot Find Printer

- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)
- Cannot Proceed beyond Printer Connection Screen
- Printer is Not Found by Printer Find Screen of Setup
- Searching Printer by IP Address or Host Name During Setup
- Error Occurs During Wi-Fi Setup
- Detect Same Printer Name
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection

Cannot Print or Connect

- Printer Suddenly Stopped Working for Some Reason
- Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings
- Cannot Access to Internet on Wi-Fi from Communication Device
- Connecting Printer and Wireless Router Using Easy Wireless connect
- Cannot Connect Smartphone/Tablet to Wireless Router
- Error Occurs During Wi-Fi Setup
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Network Key (Password) Unknown
- Forgot Administrator Password of Printer
- Checking Network Information
- Restoring to Factory Defaults
- Checking Wireless Router SSID/Key
- Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- Privacy Separator/SSID Separator/Network Separation Function
- Default Network Settings
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Checking Status Code

Printing from Smartphone/Tablet

- Connecting Printer and Wireless Router Using Easy Wireless connect
- Cannot Connect Smartphone/Tablet to Wireless Router
- Checking Wireless Router Network Name (SSID) for Smartphone/Tablet
- Setting Up Using Smartphone/Tablet
- Cannot Print from Smartphone/Tablet
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printer Prints Slowly

Wireless Direct

Cannot Print or Connect

- Printer Suddenly Stopped Working for Some Reason
- Cannot Access to Internet on Wi-Fi from Communication Device
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Network Key (Password) Unknown
- Forgot Administrator Password of Printer
- Checking Network Information
- Restoring to Factory Defaults
- Default Network Settings
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Checking Status Code

Printing from Smartphone/Tablet

- Cannot Print from Smartphone/Tablet
- Downloading Canon PRINT Inkjet/SELPHY

Problems while Using Printer

- Message Appears on Computer During Setup
- Printer Prints Slowly

Wired LAN

Cannot Find Printer

- Printer is Not Found by Printer Find Screen of Setup
- Searching Printer by IP Address or Host Name During Setup
- Cannot Find Printer while Using Wired LAN
- Detect Same Printer Name

Cannot Print or Connect

- Printer Suddenly Stopped Working for Some Reason
- Cannot Print or Connect

LAN Setting Tips/Changing LAN Settings

- Forgot Administrator Password of Printer
- Checking Network Information
- Restoring to Factory Defaults
- Default Network Settings
- Connects to Another Computer via LAN/Changes from USB to LAN Connection
- Printing Network Settings
- Reconfiguration Method of LAN Connection/Reconfiguration Method of Wi-Fi Connection
- Checking Status Code

Problems while Using Printer

- Message Appears on Computer During Setup
- Printer Prints Slowly

Network Communication Problems

- Cannot Find Printer on Network
- Network Connection Problems
- Other Network Problems

Cannot Find Printer on Network

While performing printer setup:

- **Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)**
- **Cannot Proceed beyond Printer Connection Screen**

While using printer:

- **Cannot Find Printer while Using Wi-Fi**

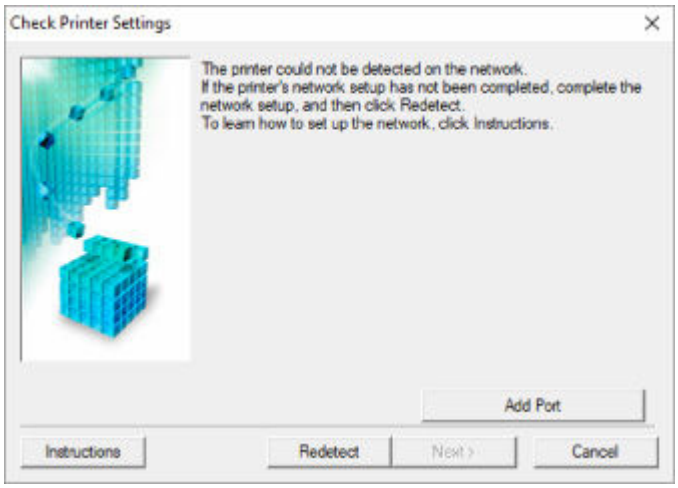
Note

- You cannot use the wireless LAN and the wired LAN at the same time.

Cannot Find Printer on Check Printer Settings Screen During Setup (Windows)

If the printer cannot be found and the **Check Printer Settings** screen appears after searching the printer by **Automatic search** on the **Search for Printers** screen during driver setup, click **Redetect** and search for the printer again by the IP address on the **Search for Printers** screen.

If the printer has not been found after searching it by the IP address, check network settings.



- **When using Wi-Fi:**
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Power Status
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking PC Network Connection
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's Wi-Fi Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's IP Address
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings

- **When using wired LAN:**
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking LAN Cable and Router
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking PC Network Connection
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's Wired LAN Settings
  - Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's IP Address

- Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Security Software Settings
- Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Router Settings

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Power Status

Are printer and network device (router, etc.) turned on?

Make sure the printer is turned on.

➡ Checking that Power Is On

Make sure network device (router, etc.) is turned on.

If printer or network device is off:

Turn on printer or network device.

It may take a while for the printer and network device to become ready for use once they are turned on. Wait a while after turning on the printer or network device, and then click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.

If printer and network device are on:

If the network devices are on, turn them off and on again.

If above does not solve the problem:

➡ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking PC Network Connection

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking PC Network Connection

Can you view any web pages on your computer?

Make sure the computer and network device (router, etc.) are configured and the computer is connected to the network.

If you cannot view any web pages:

Click **Cancel** on the **Check Printer Settings** screen to cancel to set up the network communication.

After that, configure the computer and network device.

For the procedures, refer to the instruction manuals supplied with the computer and network device, or contact their manufacturers.

If you can view web pages after configuring the computer and network device, try to set up the network communication from the beginning.

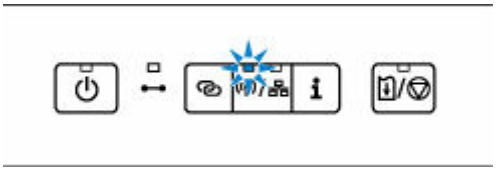
If you can view web pages, or if above does not solve the problem:

➡ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's Wi-Fi Settings

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's Wi-Fi Settings

Is printer set to allow wireless communication?

Make sure the Wi-Fi lamp on the printer is lit.



If lamp is not lit:

The printer is not set to allow wireless communication. Turn on wireless communication on the printer.

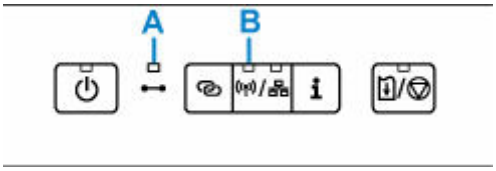
If lamp is lit:

➡ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wi-Fi Environment

Is the printer connected to the wireless router?

Use the Wi-Fi lamp (B) and the Online lamp (A) to make sure the printer is connected to the wireless router.



If the Wi-Fi lamp (B) is lit but the Online lamp (A) is not lit:

- Check wireless router configuration.

  After checking the wireless router setting, make sure the printer is not placed far away from the wireless router.

  The printer can be up to 50 m (164 ft) from the wireless router indoors. Make sure the printer is close enough to the wireless router to be used.

  Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

  In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

  Note

  - Though an antenna is attached to most wireless routers, note that some of them have it inside.

- Check wireless router setting.

  The printer and wireless router should be connected using 2.4 GHz bandwidth. Make sure the wireless router for the printer's destination is configured to use 2.4 GHz bandwidth.

  Important

  - Note that some wireless routers distinguish network names (SSIDs) by the last alphanumeric character according to their bandwidth (2.4 GHz or 5 GHz) or purpose (for computer or game machine).

To check the network name (SSID) of the wireless router the printer is connected to, print the network settings.

➡ Printing Network Settings

For details, see the instruction manual supplied with the wireless router or contact the manufacturer.

After taking measures above, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.

If the printer cannot be detected, the printer is not connected to the wireless router. Connect the printer to the wireless router.

After connecting the printer to the wireless router, set up the network communication from the beginning.

If both the Wi-Fi lamp (B) and the Online lamp (A) are lit:

➡ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's IP Address

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Printer's IP Address

Is printer's IP address specified correctly?

If printer's IP address is not specified correctly, the printer may not be found. Make sure whether printer's IP address is not used for another device.

To check the printer's IP address, print out the network settings information.

➡ Printing Network Settings

If the IP address is not specified correctly:

See If an error screen appears: and specify the IP address.

If the IP address is specified correctly:

➡ Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Security Software Settings

Disable block in firewall function temporarily.

The firewall of your security software or operation system for computer may limit communication between the printer and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer and disable block temporarily.

If firewall interferes with setup:

- **If message appears:**

  If a message appears warning that Canon software is attempting to access the network, set the security software to allow access.

  After allowing the software to access, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

  If the printer is found, follow the instructions on the screen to continue to set up network communication.

- **If no message appears:**

  Cancel the setup, and then set the security software to allow Canon software to access the network.

  The file **SETUP.exe** or **SETUP64.exe** in the **win** > **Driver** > **DrvSetup** folder on the Setup CD-ROM

  After setting the security software, redo the network communication setup from the beginning.

  After setup is completed, enable firewall.

Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If above does not solve the problem:

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings

Cannot Find Printer on Check Printer Settings Screen During Wi-Fi Setup (Windows)-Checking Wireless Router Settings

Check wireless router settings.

Check wireless router network connection settings, such as IP address filtering, MAC address filtering, encryption key, and DHCP function.

Make sure the same radio channel is assigned to the printer and the wireless router.

To check the settings of the wireless router, see the instruction manual supplied with the wireless router or contact the manufacturer.

In addition, make sure the wireless router you are using is configured to use 2.4 GHz bandwidth.

Important

- Depending on the wireless router, note that different network name (SSID) is assigned for a bandwidth (2.4 GHz or 5 GHz) or its usage (for PC or game machine) using alphanumeric characters at the end of network name (SSID).

After checking the wireless router settings, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up network communication.

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking LAN Cable and Router

Is LAN cable connected, and are printer and router on?

Make sure the LAN cable is connected.

Make sure the printer is turned on.

➡ Checking that Power Is On

Make sure the router is turned on.

If LAN cable is connected and printer or network device is off:

Turn on printer or network device.

It may take a while for the printer and network device to become ready for use once they are turned on. Wait a while after turning on the printer or network device, and then click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

If the printer is found, follow the instructions on the screen to continue to set up the network communication.

If LAN cable is connected and printer and network device are on:

If the printer cannot be found after trying to redetect it, even though the printer and the network device are on:

➡ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking PC Network Connection

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking PC Network Connection

Can you view any web pages on your computer?

Make sure the computer and network device (router, etc.) are configured and the computer is connected to the network.

If you cannot view any web pages:

Click **Cancel** on the **Check Printer Settings** screen to cancel to set up the network communication.

After that, configure the computer and network device.

For the procedures, refer to the instruction manuals supplied with the computer and network device, or contact their manufacturers.

If you can view web pages after configuring the computer and network device, try to set up the network communication from the beginning.

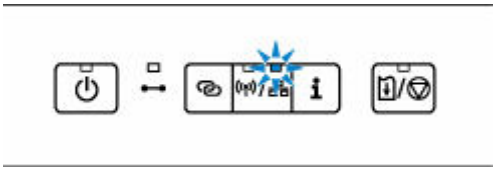
If you can view web pages:

➡ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's Wired LAN Settings

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's Wired LAN Settings

Is printer set to allow wired communication?

Make sure the Wired LAN lamp on the printer is lit.



If lamp is not lit:

The printer is not set to allow wired communication. Turn on wired communication on the printer.

Once you have turned on wired communication, redo the network communication setup from the beginning.

If lamp is lit:

➡ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's IP Address

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Printer's IP Address

Is printer's IP address specified correctly?

If printer's IP address is not specified correctly, the printer may not be found. Make sure whether printer's IP address is not used for another device.

To check the printer's IP address, print out the network settings information.

➡ Printing Network Settings

If the IP address is not specified correctly:

See If an error screen appears: and specify the IP address.

If the IP address is specified correctly:

➡ Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Security Software Settings

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Security Software Settings

Disable block in firewall function temporarily.

The firewall of your security software or operation system for computer may limit communication between the printer and your computer. Check the firewall setting of your security software or operation system or the message shown on your computer and disable block temporarily.

If firewall interferes with setup:

- **If message appears:**

  If a message appears warning that Canon software is attempting to access the network, set the security software to allow access.

  After allowing the software to access, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

  If the printer is found, follow the instructions on the screen to continue to set up the network communication.

- **If no message appears:**

  Cancel the setup, and then set the security software to allow Canon software below to access the network.

  The file **SETUP.exe** or **SETUP64.exe** in the **win** > **Driver** > **DrvSetup** folder on the Setup CD-ROM

  After setting the security software, redo the network communication setup from the beginning.

  After setup is completed, enable firewall.

Note

- For more on firewall settings of your operating system or security software, see instruction manual or contact its manufacturer.

If above does not solve the problem:

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Router Settings

Cannot Find Printer on Check Printer Settings Screen During Wired LAN Setup (Windows)-Checking Router Settings

Check router settings.

Check router network connection settings such as IP address filtering, MAC address filtering, and DHCP function.

For more on checking the settings of the router, refer to the instruction manual supplied with the router or contact its manufacturer.

After checking the router settings, click **Redetect** on the **Check Printer Settings** screen to redetect the printer.

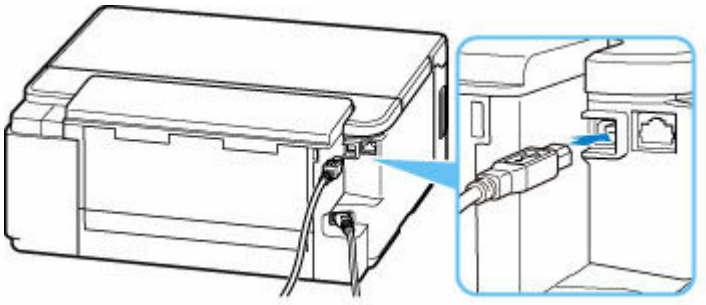
If the printer is found, follow the instructions on the screen to continue to set up network communication.

Cannot Proceed beyond Printer Connection Screen

If you cannot proceed beyond the **Printer Connection** screen, check the following.

Check1 Make sure USB cable is securely plugged in to printer and computer.

Connect the printer and the computer using a USB cable as the illustration below. The USB port is located at the back of the printer.



Important

- Connect the "Type-B" terminal to the printer with the notched side facing UP. For details, refer to the instruction manual supplied with the USB cable.

Check2 Follow procedure below to connect printer and computer again.

1. Unplug USB cable from printer and computer and connect it again.
2. Make sure no printer operation is in progress and turn off.
3. Turn on printer.

Check3 If you cannot resolve problem, follow procedure below to reinstall printer driver.

1. Click **Cancel**.
2. Click **Back to Top** on **Setup Canceled** screen.
3. Click **Exit** on **Start Setup** screen and finish setup.
4. Turn off printer.
5. Restart computer.

6. Make sure you have no application software running.

7. Perform setup on top page of Online Manual.

Note

- You can use the Setup CD-ROM to redo setup.

Cannot Find Printer while Using Wi-Fi

Check1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check2 Check the Wi-Fi lamp on the printer is lit.

If not, press the Network Type button once or twice, until the Wi-Fi lamp lights up.

If the Wi-Fi lamp is lit but the Online lamp is not lit, see Check 3 or later checking items to make sure whether printer setup is complete or the settings of wireless router to connect are correct.

Check3 Make sure printer setup is complete on the computer.

If it is not, perform setup from the web page.

For Windows, you can perform setup using the Setup CD-ROM.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Check4 Make sure printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

Note

- Use 2.4 GHz frequency band to connect to a wireless router. Match the network name (SSID) set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the network name (SSID) set for the printer, print out the network setting information.

➡ Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

Select the link below to download IJ Network Device Setup Utility and install it.

➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

See below for starting up IJ Network Device Setup Utility.

➡ Starting Up IJ Network Device Setup Utility

Check5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check6 Make sure wireless signal is strong. Monitor signal strength and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Check7 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Note

- If you use a smartphone or tablet, make sure the Wi-Fi is enabled on the device.

Check8 Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the **Printer properties** dialog box. (Windows)

If not, select it to enable bidirectional support.

Check9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. Some programs use a firewall by default.

If the problem is not resolved, redo setup from the web page.

For Windows, you can redo setup using the Setup CD-ROM.

Network Connection Problems

- **Printer Suddenly Stopped Working for Some Reason**
- **Network Key (Password) Unknown**
- **Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings**

Printer Suddenly Stopped Working for Some Reason

- Cannot Connect to a Printer after Network Configuration Changes
- Cannot Connect to a Printer via Wireless LAN (Wi-Fi)
- Cannot Connect to a Printer through Wireless Direct
- Cannot Connect to a Printer via Wired LAN
- Cannot Print through Network

Cannot Connect to a Printer after Network Configuration Changes

It may take a while for the computer to obtain an IP address, or you may need to restart your computer.

Make sure the computer has obtained a valid IP address, and try again to find the printer.

Cannot Connect to a Printer via Wireless LAN (Wi-Fi)

Check1 Check the power status of printer, network devices (e.g. wireless router), and smartphone/tablet.

- Turn on the printer or devices.
- If the power is already turned on, cycle the power switch.
- It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

Check2 Can you view any web pages on your computer?

Make sure your computer is connected to the wireless router properly.

For more on checking computer settings or connection status, see the instruction manual supplied with the computer or contact the manufacturer.

Check3 Is the printer connected to the wireless router?

Use the Wi-Fi lamp and the Online lamp to check the connection status between the printer and wireless router. If both the Wi-Fi lamp and the Online lamp are not lit, Wi-Fi is disabled. Turn on wireless communication on the printer.

Check4 Make sure the printer and wireless router network settings match.

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

Note

- Use 2.4 GHz frequency band to connect to a wireless router. Match the network name (SSID) set for the printer with that for 2.4 GHz frequency band of the wireless router.

To check the current network settings of the printer, print out the network setting information.

➡ Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Check5 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check6 Make sure wireless signal is strong. Monitor signal status and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Check7 Make sure of the Wi-Fi channel numbers used for your computer.

You need to have the same Wi-Fi channel number that you are using for the wireless router as your computer. It is normally set in the way that you can use all the Wi-Fi channels. However, when the channels that you are using are restricted, the Wi-Fi channels do not match.

See the instruction manual provided with your computer and check the Wi-Fi channel number available for your computer.

Check8 Make sure channel set on wireless router is a usable channel as confirmed in Check 7.

If it is not, change the channel set on the wireless router.

Check9 Make sure security software's firewall is off.

If your security software's firewall is on, a message may appear warning you that Canon software is attempting to access the network. If this warning message appears, set security software to always allow access.

If you are using any programs that switch between network environments, check their settings. Some programs use a firewall by default.

If the problem is not resolved, redo setup from the web page.

For Windows, you can redo setup using the Setup CD-ROM.

- **Positioning:**

  Place the printer and wireless router where there are no obstacles between them.

Cannot Connect to a Printer through Wireless Direct

Check1 Check the power status of printer and other devices (smartphone or tablet).

Turn on the printer or devices.

If the power is already turned on, cycle the power switch.

Check2 Check printer settings.

To enable Wireless Direct, press and hold the **RESUME/CANCEL** button and release it when the Alarm lamp flashes 12 or 14 times.

Check3 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check4 Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the network name (SSID) for Wireless Direct specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the network name (SSID) for Wireless Direct specified for the printer, print out the network setting information of the printer.

➡ Printing Network Settings

Check5 Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, print out the network setting information of the printer.

➡ Printing Network Settings

Check6 Make sure the printer is not placed too far away from the device.

If the distance between the printer and device is too far, wireless communication becomes poor. Place the printer and device close to each other.

Check7 Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.

Q Cannot Connect to a Printer via Wired LAN

A

Check1 Make sure the printer is turned on.

Check2 Make sure the LAN cable is connected properly.

Make sure the printer is connected to the router with the LAN cable. If the LAN cable is loose, connect the cable properly.

If the LAN cable is connected to the WAN side of the router, connect the cable to the LAN side of the router.

If the problem is not resolved, redo setup from the web page.

For Windows, you can redo setup using the Setup CD-ROM.

Q Cannot Print through Network

A

Check1 Make sure the computer is connected to the wireless router.

For more on how to check the computer settings or connection status, see your computer instruction manual or contact its manufacturer.

Check2 If printer driver is not installed, install it. (Windows)

Install the printer driver using the Setup CD-ROM or install it from the Canon website.

Check3 When using Wi-Fi, make sure wireless router does not restrict which computers can access it.

For more on connecting to and setting up your wireless router, see the wireless router instruction manual or contact its manufacturer.

Note

- To check the MAC address or IP address of your computer, see Checking Computer IP Address or MAC Address.

Network Key (Password) Unknown

- WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect
- Setting an Encryption Key

Q WPA/WPA2 or WEP Key Set for Wireless Router Unknown, Cannot Connect

A

For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  - Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  - Starting Up IJ Network Device Setup Utility

Q Setting an Encryption Key

A

For more on setting up a wireless router, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure your computer can communicate with the wireless router.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  - Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  - Starting Up IJ Network Device Setup Utility

Selecting WPA, WPA2, or WPA/WPA2 is recommended for security reason. If your wireless router is compatible with WPA/WPA2, you can also use WPA2 or WPA.

- **Using WPA/WPA2 (Windows)**

  The authentication method, Wi-Fi password, and dynamic encryption type must be identical among the wireless router, the printer, and your computer.

  Enter the Wi-Fi password configured on the wireless router.

Either TKIP (basic encryption) or AES (secure encryption) is selected automatically as the dynamic encryption method.

For details, see If WPA/WPA2 Details Screen Appears.

Note

- This printer supports WPA/WPA2-PSK (WPA/WPA2-Personal) and WPA2-PSK (WPA2-Personal).

- **Using WEP**

The length or format of the Wi-Fi password and authentication method must be identical among the wireless router, the printer, and your computer.

To communicate with a wireless router that generates a password automatically, you must set the printer to use the password generated by the wireless router.

When the **WEP Details** screen appears after you click **Search...** on the **Network Settings (Wi-Fi)** screen in IJ Network Device Setup Utility, follow the on-screen instructions to set the password length, format, and the password to use.

For details, see If WEP Details Screen Appears.

Printer Cannot Be Used After Replacing Wireless Router or Changed Router Settings

When you replace a wireless router, redo the network setup for the printer according to the replaced one.

Perform setup from the web page.

For Windows, you can perform setup using the Setup CD-ROM.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

If this does not solve the problem, see below.

➡ Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router

➡ With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router

Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router

Check1 Check wireless router setting.

To check the wireless router setting, see the instruction manual provided with the wireless router or contact its manufacturer. Make sure the computer and the wireless router can communicate with each other under this setting.

Check2 If filtering MAC addresses or IP addresses at wireless router, check that MAC addresses or IP addresses for computer, network device, and printer are registered.

Check3 If using WPA/WPA2 key or a password, make sure encryption key for computer, network device, and printer matches key set for wireless router.

The length or format of the Wi-Fi password and authentication method must be identical among the wireless router, the printer, and your computer.

For details, see Setting an Encryption Key.

With Encryption On, Cannot Communicate with Printer After Changing Encryption Type at Wireless Router

If you change the encryption type for the printer and it subsequently cannot communicate with the computer, make sure the encryption type for the computer and the wireless router matches the type set for the printer.

- Cannot Communicate with Printer After Enabling MAC/IP Address Filtering or Encryption Key on Wireless Router

Other Network Problems

- Checking Network Information
- Restoring to Factory Defaults

Checking Network Information

- Checking Printer IP Address or MAC Address
- Checking Computer IP Address or MAC Address
- Checking Communication Between the Computer, the Printer, and the Wireless Router
- Checking Network Setting Information

Checking Printer IP Address or MAC Address

To check the printer's IP Address or MAC address, print out the network settings information.

- Printing Network Settings

For Windows, you can check the network setting information on the computer screen.

- Canon IJ Network Device Setup Utility Screen

Checking Computer IP Address or MAC Address

To check the IP Address or MAC address of your computer, follow the instructions below.

1. Select **Command Prompt** as shown below.

   In Windows 10, right-click **Start** and select **Command Prompt**.

   In Windows 8.1, select **Command Prompt** from the **Start** screen. If **Command Prompt** is not displayed on the **Start** screen, select the **Search** charm and search for "**Command Prompt**".

   In Windows 7, click **Start** > **All Programs** > **Accessories** > **Command Prompt**.

2. Enter "ipconfig/all" and press **Enter**.

   The IP address and MAC address of your computer appear. If your computer is not connected to a network, the IP address does not appear.

Checking Communication Between the Computer, the Printer, and the Wireless Router

Perform a ping test to check if communication is taking place.

1. Select **Command Prompt** as shown below.

In Windows 10, right-click **Start** and select **Command Prompt**.

In Windows 8.1, select **Command Prompt** from the **Start** screen. If **Command Prompt** is not displayed on the **Start** screen, select the **Search** charm and search for "**Command Prompt**".

In Windows 7, click **Start** > **All Programs** > **Accessories** > **Command Prompt**.

2. Type the ping command and press **Enter**.

The ping command is as follows: ping XXX.XXX.XXX.XXX

"XXX.XXX.XXX.XXX" is the IP address of the target device.

If communication is taking place, a message like the one shown below appears.

Reply from XXX.XXX.XXX.XXX: bytes=32 time=10ms TTL=255

If **Request timed out** appears, communication is not taking place.

Checking Network Setting Information

To check the printer's network settings information, print out the network settings information.

➡ Printing Network Settings

Restoring to Factory Defaults

Important

- Initialization erases all network settings on the printer, making printing operation from a computer over a network impossible. To use the printer over a network again after restoring it to the factory defaults, redo setup from the web page.

  For Windows, you can perform setup using the Setup CD-ROM.

Initialize the network setting of the printer.

Press and hold the **RESUME/CANCEL** button and release it when the Alarm lamp flashes 11 times.

Initializing Printer Settings

Problems while Printing from Smartphone/Tablet

- Cannot Print from Smartphone/Tablet

Cannot Print from Smartphone/Tablet

If you cannot print from your smartphone/tablet, it is possible that your smartphone/tablet cannot communicate with the printer.

Check the cause of your problem according to the connection method.

- Cannot Communicate with Printer over Wireless LAN
- Cannot Communicate with Printer while It Is in Wireless Direct

Note

- For problems on printing with other connection methods or more on performing settings of each connection method:
  - Using PIXMA/MAXIFY Cloud Link

Q Cannot Communicate with Printer over Wireless LAN

A

If your smartphone/tablet cannot communicate with the printer, check the following.

Check1 Check the power status of printer, network devices (e.g. wireless router), and smartphone/tablet.

- Turn on the printer or devices.
- If the power is already turned on, cycle the power switch.
- It may be necessary to resolve wireless router problems (e.g. update interval of a key, problems of DHCP update interval, energy saving mode, etc.) or to update the wireless router firmware.

For details, contact the manufacturer of your wireless router.

Check2 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check3 Is the printer connected to the wireless router?

Use the Wi-Fi lamp and the Online lamp to check the connection status between the printer and wireless router. If both the Wi-Fi lamp and the Online lamp are not lit, Wi-Fi is disabled. Turn on wireless communication on the printer.

Check4 Are network settings of printer identical with those of wireless router?

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of the wireless router, refer to the instruction manual provided with it or contact its manufacturer.

To check the current network settings of the printer, print out the network setting information.

➡ Printing Network Settings

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Check5 Are network settings of your smartphone/tablet identical with those of wireless router?

Make sure the network settings of the printer (e.g. network name (SSID) or network key (password), etc.) are identical with those of the wireless router.

To check the settings of your smartphone/tablet, refer to the instruction manual provided with it.

If the network settings of your smartphone/tablet are not identical with those of the wireless router, change the network settings of it to match with those of the wireless router.

Check6 Make sure the printer is not placed too far away from the wireless router.

If the distance between the printer and wireless router is too far, wireless communication becomes poor. Place the printer and wireless router close to each other.

Note

- Though an antenna is attached to most wireless routers, note that some of them have it inside.

Check7 Make sure wireless signal is strong. Monitor signal status and move printer and wireless router as necessary.

Place the printer and wireless router where there are no obstacles between them. Wireless communication between different rooms or floors is generally poor. Wireless communication can be impeded by building materials containing metal or concrete. If the printer cannot communicate with the computer over a Wi-Fi due to a wall, place the printer and the computer in the same room.

In addition, if a device like a microwave oven that emits radio waves of the same frequency bandwidth as a wireless router is nearby, it may cause interference. Place the wireless router as far away from interference sources as possible.

Note

- IJ Network Device Setup Utility allows you to diagnose and repair the network status.

  Select the link below to download IJ Network Device Setup Utility and install it.

  ➡ Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  ➡ Starting Up IJ Network Device Setup Utility

Cannot Communicate with Printer while It Is in Wireless Direct

If your smartphone/tablet cannot communicate with the printer in the Wireless Direct, check the following.

Check1 Check the power status of printer and other devices (smartphone or tablet).

Turn on the printer or devices.

If the power is already turned on, cycle the power switch.

Check2 Is Wireless Direct enabled?

To enable Wireless Direct, press and hold the **RESUME/CANCEL** button and release it when the Alarm lamp flashes 12 or 14 times.

Check3 Check the settings of your device (smartphone/tablet).

Make sure Wi-Fi is enabled on your device.

For details, refer to your device's instruction manual.

Check4 Make sure printer is selected as connection for device (e.g. smartphone or tablet).

Select the network name (SSID) for Wireless Direct specified for the printer as the connection destination for devices.

Check the destination on your device.

For details, refer to your device's instruction manual or visit the manufacturer's website.

To check the network name (SSID) for Wireless Direct specified for the printer, print out the network setting information of the printer.

➡ Printing Network Settings

Check5 Have you entered the proper password specified for the Wireless Direct?

To check the password specified for the printer, print out the network setting information of the printer.

➡ Printing Network Settings

Check6 Make sure the printer is not placed too far away from the device.

If the distance between the printer and device is too far, wireless communication becomes poor. Place the printer and device close to each other.

Check7 Make sure 5 devices are already connected.

Wireless Direct does not allow more than 5 devices to be connected.

Printing Problems

- Printer Does Not Print
- Ink Does Not Come Out
- Ink Runs Out Fast
- Printer Does Not Pick up or Feed the Paper/"No Paper" Error
- Printout Results Are Unsatisfactory

Printer Does Not Print

Check1 Make sure printer is turned on.

If not, make sure the printer is securely plugged in and press **ON** button to turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Note

- If you are printing large data, printing may take longer to start. The **ON** lamp flashes while the computer is processing data and sending it to the printer. Wait until printing starts.

Check2 Make sure printer is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the printer over a LAN, make sure the printer is correctly set up for network use.

- Cannot Find Printer while Using Wi-Fi
- Cannot Find Printer while Using Wired LAN

Note

- Using IJ Network Device Setup Utility allows you to diagnose or repair network connection.

  Select the link below to download IJ Network Device Setup Utility and install it.

  - Checking Printer Connection Status Using IJ Network Device Setup Utility

  See below for starting up IJ Network Device Setup Utility.

  - Starting Up IJ Network Device Setup Utility

Check3 If printing from a computer, delete unnecessary print jobs.

- Deleting the Undesired Print Job

Check4 Is your printer's printer driver selected when printing?

The printer will not print properly if you are using a printer driver for a different printer.

Make sure "Canon XXX series" (where "XXX" is your printer's name) is selected in the Print dialog box.

Note

- If multiple printers are registered to your computer, select **Set as Default Printer** for a printer to make the one selected by default.

Check5 Are you trying to print a large data file? (Windows)

If you are trying to print a large file, it takes a long time to start printing.

If the printer does not start printing after a certain period of time, select **On** for **Prevention of Print Data Loss** on the **Print Options** dialog box.

For details, refer to Page Setup Tab Description.

Important

- Selecting **On** for **Prevention of Print Data Loss** may reduce print quality.
- After printing is completed, select **Off** for **Prevention of Print Data Loss**.

Check6 If printing from your computer, restart the computer.

Restart the computer and try printing again.

Ink Does Not Come Out

Although some air may enter the ink tube, it is not a malfunction. No problem if the nozzle check pattern is printed correctly.

Check1 Make sure joint button is not lifted up.

Push the print head locking cover to make sure the print head is installed properly.

Next, push the joint button firmly to the end.

Finally, push the cartridge locking cover to make sure the contact protector or FINE cartridge is installed properly.

➡ Check Installation of Print Head

Important

- Remove the orange label and the protective tape of the print head to install it.

Check2 Check the remaining ink level.

➡ Checking Ink Level

Check3 Are the print head nozzles clogged?

Print the nozzle check pattern and make sure that the ink is coming out normally.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see If Printing Is Faint or Uneven.

Step1 Print the nozzle check pattern.

After printing the nozzle check pattern, examine the pattern.

➡ Printing a Nozzle Check Pattern

If the pattern is not printed correctly, go to the next step.

Step2 Clean the print head.

After cleaning the print head, print the nozzle check pattern and check the result.

➡ Clean the print head

If it does not improve, clean the print head again.

If it still does not improve, go to the next step.

Step3 Clean the print head deeply.

After cleaning the print head deeply, print the nozzle check pattern and check the result.

➡ Clean the print head deeply

If it does not improve, turn off the printer, wait for more than 24 hours, and go to the next step.

Step4 Clean the print head deeply again.

After cleaning the print head deeply again, print the nozzle check pattern and check the result.

If it still does not improve, go to the next step.

Step5 Perform ink flush.

After performing ink flush, print the nozzle check pattern and check the result.

Ink flush consumes a great amount of ink. Frequent ink flush can rapidly consume ink, so perform it only when necessary.

➡ Ink Flush

If the nozzle check pattern is not printed correctly even after performing ink flush, check the installing condition of the print head.

➡ Check Installation of Print Head

Ink Runs Out Fast

After you refill the ink tank, the printer takes in ink from the ink tank and ink flows into the printer.

Ink may seem to run out fast due to this procedure.

Printer Does Not Pick up or Feed the Paper/"No Paper" Error

Check1 Make sure paper is loaded.

➡ Loading Paper

Check2 When loading paper, consider the following.

- When loading two or more sheets of paper, align the edges of the sheets before loading the paper.
- When loading two or more sheets of paper, make sure the paper stack does not exceed the paper load limit.

  However, paper may not feed correctly at the maximum capacity, depending on the type of paper or environmental conditions (very high or low temperature and humidity). In such cases, reduce the amount of paper you load at a time to less than half of the paper load limit.
- Always load the paper in portrait orientation, regardless of the printing orientation.
- When you load the paper on the rear tray, place the print side facing UP and align the right and left paper guides with the paper stack.

  ➡ Loading Paper
- In the cassette, be sure to load only plain paper.
- When you load the paper on the cassette, place the print side facing DOWN and align the right/left/front paper guides with the paper stack.

  ➡ Loading Paper

Check3 Is paper too thick or curled?

➡ Unsupported Media Types

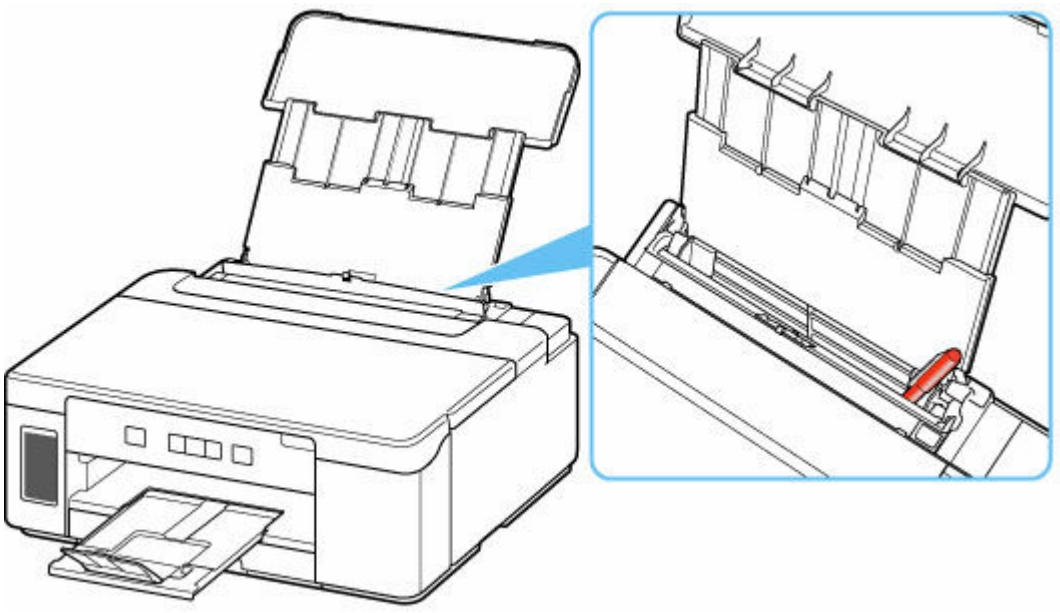
Check4 When loading envelopes, consider the following.

When printing on envelopes, see Loading Envelopes in Rear Tray, and prepare the envelopes before printing.

Once you have prepared the envelopes, load them in portrait orientation. If the envelopes are placed in landscape orientation, they will not feed properly.

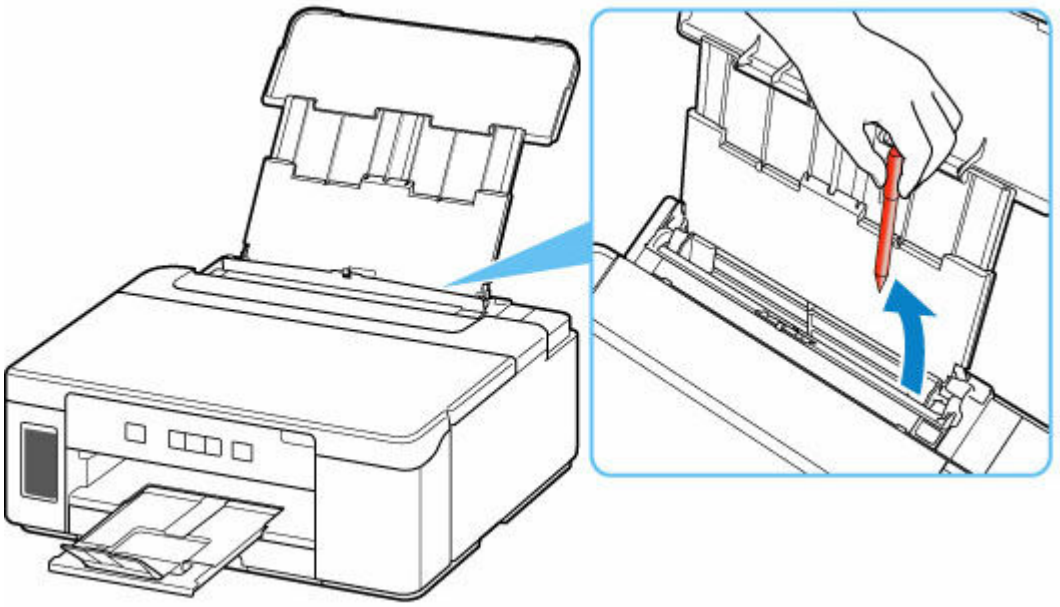
Check5 Make sure media type and paper size settings match with loaded paper.

Check6 Make sure that there are not any foreign objects in the rear tray.



If the paper tears in the rear tray, see List of Support Code for Error (Paper Jams) to remove it.

If there are any foreign objects in the rear tray, be sure to turn off the printer, unplug it from the power supply, then remove the foreign object.



Important

- Do not tilt the printer or do not it upside down. Doing so may cause the ink to leak.

Note

- If the feed slot cover is opened, close it slowly.

Check7 Clean paper feed roller.

➡ Cleaning the Paper Feed Rollers

Note

- Cleaning the paper feed roller abrades it, so do this only when necessary.

Check8 If two or more sheets of paper feed from cassette at once, clean inside of cassette.

➡ Cleaning Cassette Pads

Check9 Are transport unit cover and rear cover attached properly?

See Rear View for the positions of the transport unit cover and the rear cover.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Printout Results Are Unsatisfactory

If the print results are unsatisfactory due to white streaks, misaligned/distorted lines, or uneven color, check the paper and print quality settings first.

Check1 Do page size and media type settings match size and type of loaded paper?

If these settings do not match, it is not possible to obtain the proper result.

Also, if you print with an incorrect paper type setting, the printed surface may be scratched.

The method for checking the paper and print quality settings differs depending on what you are using your printer for.

- **Printing from your computer:**

  Check the settings using the printer driver.

  ➡ Basic Printing Setup

- **Printing from your smartphone/tablet**

  ➡ Print Documents from Your Smartphone (iOS)
  ➡ Print Documents from Your Smartphone (Android)

Check2 Make sure appropriate print quality is selected (see list above).

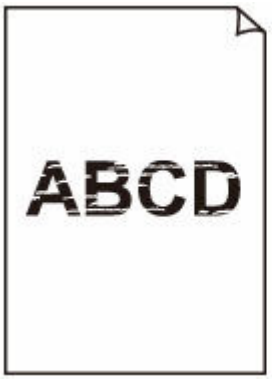
Select a print quality suited to the paper and to what you are printing. If you notice blurs or uneven color, increase the print quality setting and retry the printing.

Check3 If problem is not resolved, check also the sections below.

See also the sections below:

- ➡ Printouts Are Blank/Blurry or Fuzzy/Streaks or Lines
- ➡ Colors Are Unclear
- ➡ Lines Are Misaligned/Distorted
- ➡ Paper Is Smudged / Printed Surface Is Scratched
- ➡ Cannot Complete Printing
- ➡ Part of Page Is Not Printed (Windows)
- ➡ Lines Incomplete or Missing (Windows)
- ➡ Images Incomplete or Missing (Windows)
- ➡ Ink Blots / Paper Curl
- ➡ Back of Paper Is Smudged

Printouts Are Blank/Blurry or Fuzzy/Streaks or Lines





Although some air may enter the ink tube, it is not a malfunction. No problem if the nozzle check pattern is printed correctly.

Check1 Make sure joint button is not lifted up.

Push the print head locking cover to make sure the print head is installed properly.

Next, push the joint button firmly to the end.

Finally, push the cartridge locking cover to make sure the contact protector or FINE cartridge is installed properly.

➡ Check Installation of Print Head

Important

- Remove the orange label and the protective tape of the print head to install it.

Check2 Check paper and print quality settings.

➡ Printout Results Are Unsatisfactory

Check3 Are the print head nozzles clogged?

Print the nozzle check pattern and make sure that the ink is coming out normally.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see If Printing Is Faint or Uneven.

Step1 Print the nozzle check pattern.

After printing the nozzle check pattern, examine the pattern.

➡ Printing a Nozzle Check Pattern

If the pattern is not printed correctly, go to the next step.

Step2 Clean the print head.

After cleaning the print head, print the nozzle check pattern and check the result.

➡ Clean the print head

If it does not improve, clean the print head again.

If it still does not improve, go to the next step.

Step3 Clean the print head deeply.

After cleaning the print head deeply, print the nozzle check pattern and check the result.

➡ Clean the print head deeply

If it does not improve, turn off the printer, wait for more than 24 hours, and go to the next step.

Step4 Clean the print head deeply again.

After cleaning the print head deeply again, print the nozzle check pattern and check the result.

If it still does not improve, go to the next step.

Step5 Perform ink flush.

After performing ink flush, print the nozzle check pattern and check the result.

Ink flush consumes a great amount of ink. Frequent ink flush can rapidly consume ink, so perform it only when necessary.

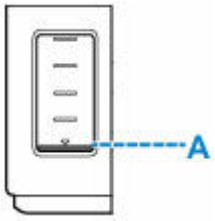
➡ Ink Flush

If the nozzle check pattern is not printed correctly even after performing ink flush, check the installing condition of the print head.

➡ Check Installation of Print Head

Check4 When an ink tank runs out of ink, refill the ink tank.

If the remaining ink level is below the lower limit line (A), refill the ink tank.



If you use the printer until the ink tank becomes empty, perform ink flush after refilling the ink tank.

➡ Refilling Ink Tank

➡ Ink Flush

Check5 When using paper with one printable surface, check the correct printable side of the paper.

Printing on the wrong side of such paper may cause unclear prints or prints with reduced quality.

When you load paper on the rear tray, load paper with the printable side facing up. When you load paper in the cassette, load paper with the printable side facing down.

Refer to the instruction manual supplied with the paper for detailed information on the printable side.

Colors Are Unclear

Although some air may enter the ink tube, it is not a malfunction. No problem if the nozzle check pattern is printed correctly.

Check1 Make sure joint button is not lifted up.

Push the print head locking cover to make sure the print head is installed properly.

Next, push the joint button firmly to the end.

Finally, push the cartridge locking cover to make sure the contact protector or FINE cartridge is installed properly.

➡ Check Installation of Print Head

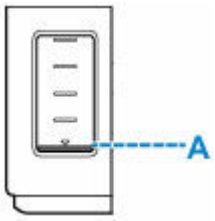
Important

- Remove the orange label and the protective tape of the print head to install it.

Check2 Check the remaining ink level.

When an ink tank runs out of ink, refill the ink tank.

If the remaining ink level is below the lower limit line (A), refill the ink tank with the corresponding color of ink.



Note

- Printed colors may not match screen colors due to basic differences in the methods used to produce colors. Color control settings and environmental differences can also affect how colors appear on the screen. Therefore, colors of printing results may be different from those on the screen.

Check3 Are the print head nozzles clogged?

Print the nozzle check pattern and make sure that the ink is coming out normally.

For details on printing the nozzle check pattern, print head cleaning, and print head deep cleaning, see If Printing Is Faint or Uneven.

Step1 Print the nozzle check pattern.

After printing the nozzle check pattern, examine the pattern.

➡ Printing a Nozzle Check Pattern

If the pattern is not printed correctly, go to the next step.

Step2 Clean the print head.

After cleaning the print head, print the nozzle check pattern and check the result.

➡ Clean the print head

If it does not improve, clean the print head again.

If it still does not improve, go to the next step.

Step3 Clean the print head deeply.

After cleaning the print head deeply, print the nozzle check pattern and check the result.

➡ Clean the print head deeply

If it does not improve, turn off the printer, wait for more than 24 hours, and go to the next step.

Step4 Clean the print head deeply again.

After cleaning the print head deeply again, print the nozzle check pattern and check the result.

If it still does not improve, go to the next step.

Step5 Perform ink flush.

After performing ink flush, print the nozzle check pattern and check the result.

Ink flush consumes a great amount of ink. Frequent ink flush can rapidly consume ink, so perform it only when necessary.

➡ Ink Flush

If the nozzle check pattern is not printed correctly even after performing ink flush, check the installing condition of the print head.

➡ Check Installation of Print Head

Lines Are Misaligned/Distorted



Check1 Check paper and print quality settings.

➡ Printout Results Are Unsatisfactory

Check2 Perform print head alignment.

If printed lines are misaligned/distorted or print results are otherwise unsatisfactory, adjust the print head position.

➡ Aligning the Print Head

Note

- If the problem is not resolved after performing the print head alignment, perform print head alignment manually from your computer.

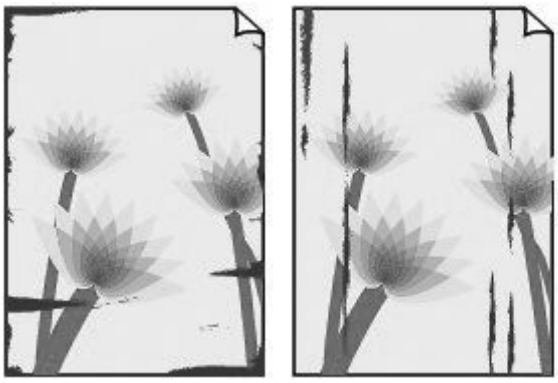
  ➡ Adjusting Print Head Position Manually

Check3 Increase print quality and try printing again.

Increasing the print quality may improve the print result.

Paper Is Smudged / Printed Surface Is Scratched

Paper Is Smudged



Smudged Edges **Smudged Surface**

Printed Surface Is Scratched

Check1 Check paper and print quality settings.

➡ Printout Results Are Unsatisfactory

Check2 Check paper type.

Make sure you are using the right paper for what you are printing.

➡ Supported Media Types

Check3 Correct curl before loading paper.

We recommend putting unused paper back into the package and storing it flat.

- **Plain Paper**

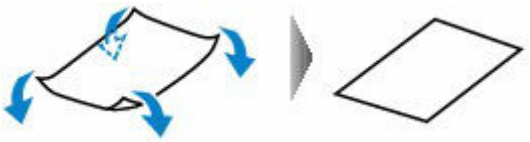
  Turn the paper over and reload it to print on the other side.

- **Other Paper such as envelope**

  If the paper corners curl more than 0.1 in. / 3 mm (A) in height, the paper may smudge or may not feed properly. Follow the instructions below to correct the paper curl.



1. Roll up paper in opposite direction to paper curl as shown below.

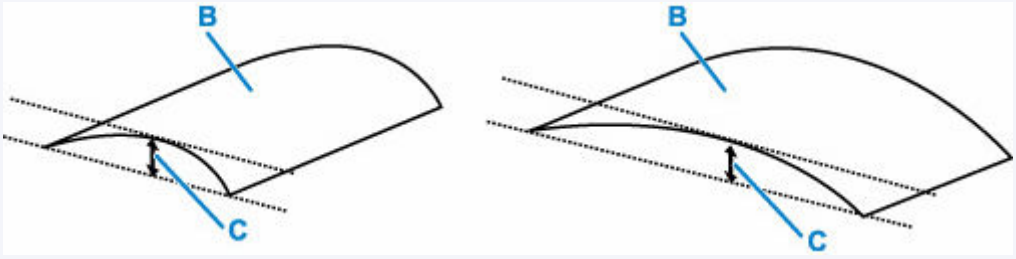


2. Check that paper is now flat.

   We recommend printing curl-corrected paper one sheet at a time.

Note

- Depending on paper type, the paper may smudge or may not feed properly even if it is not curled inward. Follow the instructions below to curl the paper outward up to 0.1 in. / 3 mm (C) in height before printing. This may improve the print result.



(B) Print side

We recommend feeding paper that has been curled outward one sheet at a time.

Check4 Set printer to prevent paper abrasion.

Adjusting the setting to prevent paper abrasion will widen the clearance between the print head and the paper. If you notice abrasion even with the media type set correctly to match the paper, set the printer to prevent paper abrasion using the operation panel or the computer.

This may reduce the print speed.

* Once you have finished printing, undo this setting. Otherwise, it will apply to subsequent print jobs.

- **From operation panel:**

  Press and hold the **RESUME/CANCEL** button and release it when the Alarm lamp flashes 7 times.

- **From computer (Windows):**

1. Check that printer is turned on.

2. Open Canon IJ Printer Assistant Tool.

➡ Opening the Maintenance Tool (Canon IJ Printer Assistant Tool)

3. Select **Custom Settings**.
4. Select **Prevents paper abrasion** check box and select **OK**.
5. Check message and select **OK**.

Check5 If intensity is set high, reduce intensity setting and try printing again.

If you are printing with a high intensity setting on plain paper, the paper may absorb too much ink and become wavy, causing paper abrasion.

➡ Adjusting Intensity

Check6 Is paper feed roller dirty?

Clean paper feed roller.

➡ Cleaning the Paper Feed Rollers

Note

- Cleaning the paper feed roller abrades it, so do this only when necessary.

Check7 Is inside of printer dirty?

During duplex printing, ink may stain the inside of the printer, smudging the printout.

Perform bottom plate cleaning to clean inside of printer.

➡ Cleaning Inside the Printer (Bottom Plate Cleaning)

Note

- To prevent staining inside the printer, be sure to set the correct paper size.

Check8 Set longer ink drying time.

This allows the printed surface to dry, preventing smudges and scratches.

Set it on the computer (Windows).

1. Check that printer is turned on.
2. Open Canon IJ Printer Assistant Tool.

   ➡ Opening the Maintenance Tool (Canon IJ Printer Assistant Tool)
3. Select **Custom Settings**.
4. Drag **Ink Drying Wait Time** slide bar to set the wait time and select **OK**.

5. Check message and select **OK**.

Mechanical Problems

- Printer Does Not Turn On
- Printer Turns Off Unexpectedly or Repeatedly
- USB Connection Problems
- Cannot Communicate with Printer via USB

Printer Does Not Turn On

Check1 Press **ON** button.

Check2 Make sure power plug is securely connected to printer, and then turn on again.

Check3 Unplug printer, leave it for at least 2 minutes, and then plug it back in and turn on again.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Printer Turns Off Unexpectedly or Repeatedly

Check If printer is set to turn off automatically after a certain time, disable this setting.

If you have set the printer to turn off automatically after a specified time, the power will shut off by itself once that time has elapsed.

Disable the setting from the computer.

For Windows, use Canon IJ Printer Assistant Tool to disable the setting.

Follow the procedure below to disable the setting.

1. Open Canon IJ Printer Assistant Tool.
   ➡ Opening the Maintenance Tool (Canon IJ Printer Assistant Tool)
2. Select **Auto Power**.
3. Select **Disable** for **Auto Power Off**.
4. Select **OK**.
5. Select **OK** on the displayed screen.

   The setting to shut off the power automatically is disabled.

Note

- If this setting is changed, power consumption may increase.

USB Connection Problems

Make sure of the checking item below when you find one of the followings.

- Printing is slow.
- Hi-Speed USB connection does not work.
- A message such as "**This device can perform faster**" appears. (Windows)

Note

- If your system environment does not support Hi-Speed USB, the printer operates at the slower speed of USB 1.1. In this case, the printer works properly but printing speed may slow down due to the communication speed.

Check Check following to make sure your system environment supports Hi-Speed USB connection.

- Does the USB port on your computer support Hi-Speed USB connection?
- Does the USB cable or the USB hub support Hi-Speed USB connection?

  Be sure to use a certified Hi-Speed USB cable. We recommend that the USB cable be no longer than 10 feet / 3 meters or so.
- Is the Hi-Speed USB driver working properly on your computer?

  Make sure the latest Hi-Speed USB driver is working properly and obtain and install the latest version of the Hi-Speed USB driver for your computer, if necessary.

Important

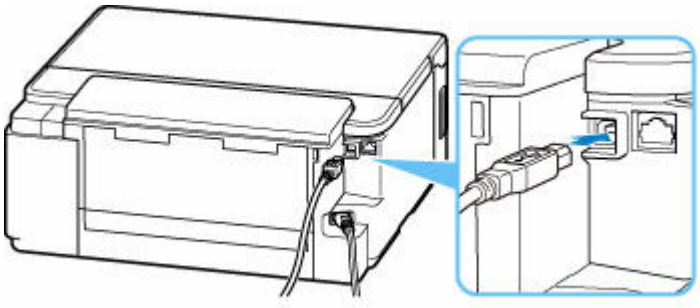
- For more information, contact the manufacturer of your computer, USB cable, or USB hub.

Cannot Communicate with Printer via USB

Check1 Make sure printer is turned on.

Check2 Connect USB cable properly.

As the illustration below, the USB port is at the back of the printer.



Important

- Connect the "Type-B" terminal to the printer with the notched side facing UP. For details, refer to the instruction manual supplied with the USB cable.

Check3 Make sure **Enable bidirectional support** is selected in the **Ports** sheet of the **Printer properties** dialog box. (Windows)

If not, select it to enable bidirectional support.

Opening Printer Driver's Setup Screen

Installation and Download Problems

- Failed to Printer Driver Installation (Windows)
- Updating Printer Driver in Network Environment (Windows)

Failed to Printer Driver Installation (Windows)

- If installation does not start when you insert Setup CD-ROM:
- If you cannot get past the Printer Connection screen:
- Other cases:

If installation does not start when you insert Setup CD-ROM:

Follow the instructions below to start the installation.

1. Make the following settings.
   - In Windows 10, click **Start** > **File Explorer**, and then click **This PC** from list on left.
   - In Windows 8.1, select **Explorer** icon in **Taskbar** on **Desktop**, and then select **This PC** from list on left.
   - In Windows 7, click **Start**, and then click **Computer**.
2. Double-click the  CD-ROM icon in the window that appears.

   If the contents of the CD-ROM appear, double-click **Msetup4.exe**.

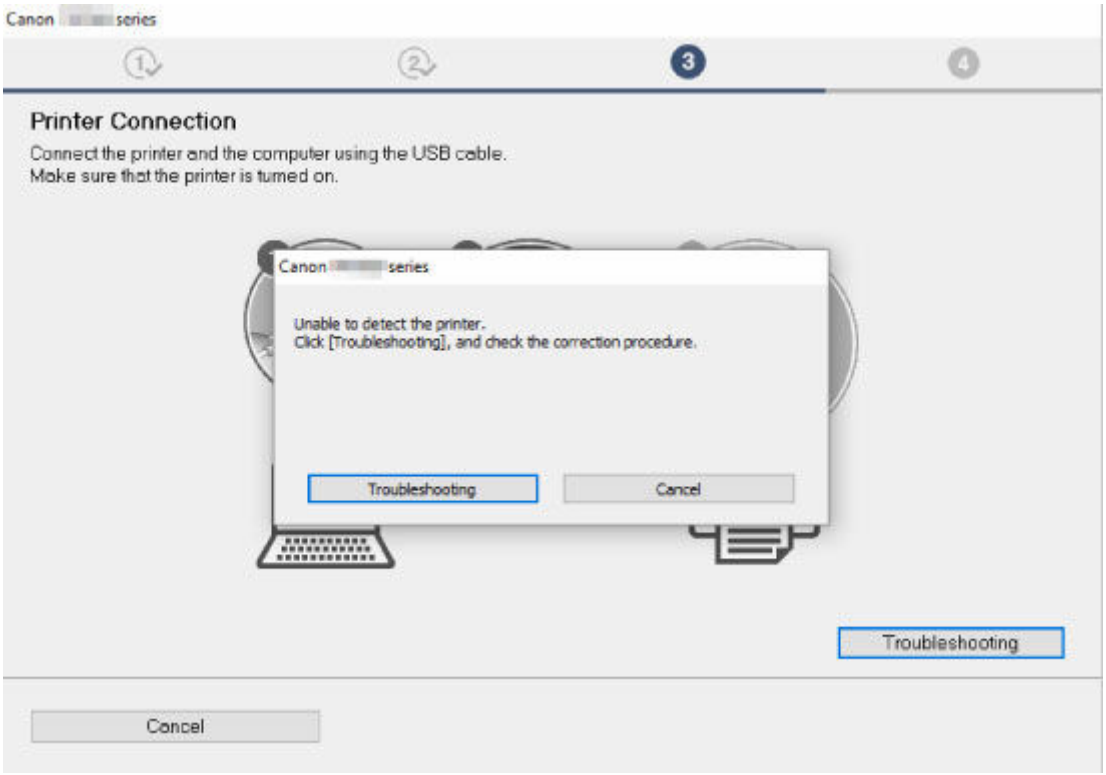
   If you cannot install the printer driver with the Setup CD-ROM, install it from the Canon website.

Note

- If the CD-ROM icon does not appear, try the following:
  - Remove the CD-ROM from your computer and reinsert it.
  - Restart your computer.

  If the icon still does not appear, try a different disc and see if it appears. If it does, there is a problem with the Setup CD-ROM. Contact your nearest Canon service center to request a repair.

If you cannot get past the Printer Connection screen:



➡ Cannot Proceed beyond Printer Connection Screen

Other cases:

If the printer driver was not installed correctly, uninstall the printer driver, restart your computer, and then reinstall the printer driver.

➡ Deleting the Unnecessary Printer Driver

Reinstall the printer driver with the Setup CD-ROM or install it from the Canon website.

Note

- If the installer was stopped due to a Windows error, Windows operation may be unstable, and you may not be able to install the drivers. Restart your computer and then reinstall the drivers.

Updating Printer Driver in Network Environment (Windows)

Download the latest printer driver.

Download the latest printer driver for your model on the download page of the Canon website.

Uninstall the existing printer driver and follow the installation instructions to install the latest printer driver that you downloaded. In the connection method selection screen, select **Use the printer with Wi-Fi connection** or **Use the printer with wired LAN connection** according to the connection method you use. The printer is detected automatically in the network.

Make sure the printer was found, and install the printer driver following the on-screen instructions.

Note

- The network settings on the printer are not affected, so the printer can be used on the network without redoing settings.

Errors and Messages

- When Error Occurred
- Message (Support Code) Appears

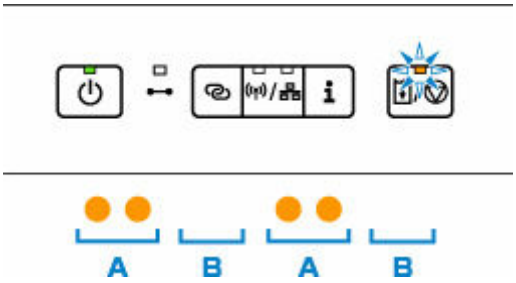
When Error Occurred

If an error occurs in printing, for example if the paper runs out or jams, the **Alarm** lamp flashes, or the **ON** lamp and the **Alarm** lamp flashes alternately.

For Windows, a support code (error number) may appear on the computer screen. Check the status of the lamps and the message, and take the appropriate action.

Support Code Corresponding to Number of Flashes of Alarm Lamp

Example of 2 times flashing:



(A) Flashes

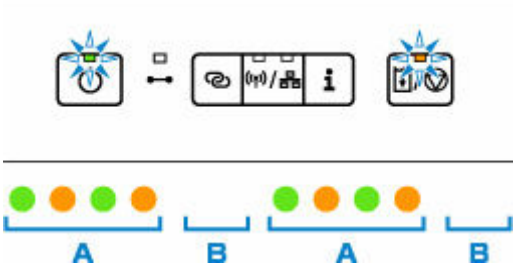
(B) Goes off

Number of flashes	Cause	Support Code
2 flashes	There is no paper in the rear tray or paper is not fed properly.	1000
	There is no paper in the cassette or paper is not fed properly.	1003
3 flashes	Feed slot cover is open.	1270
	Paper is jammed when feeding paper from rear tray.	1300
	Paper is jammed when feeding paper from cassette.	1303
	Paper is jammed when performing automatic duplex printing.	1304
	Paper is jammed as printer pulled in printed paper.	1313
4 flashes	Print head, contact protector, or optional FINE cartridge is not installed properly.	1470
5 flashes	Ink valve is open while replacing the Print head.	1365
	Ink valve is closed.	1366
	Optional FINE cartridge cannot be recognized.	1430
	Print head cannot be recognized.	1431 1432
	Contact protector or optional FINE cartridge cannot be recognized.	1433

	Print head cannot be recognized.	1471
	Appropriate print head is not installed.	1476
	Contact protector or optional FINE cartridge cannot be recognized.	147A
	Color printing was specified, but an optional FINE cartridge is not installed.	147B
	Appropriate ink cartridge is not installed.	1485
8 flashes	Ink absorber is almost full.	1700 1701 1702 1703
9 flashes	Protective material or tape for securing print head holder may still be attached.	1890 1892
10 flashes	Paper size may not be compatible with automatic duplex printing.	1310
11 flashes	Paper size that is not compatible with automatic duplex printing is specified.	1309
	Automatic Print Head Alignment may have failed.	2500
	Cannot perform printing with current print settings.	4103
	Paper size or media type that cannot be fed from cassette is specified.	4104
13 flashes	Color ink may have run out.	1686
14 flashes	Print head cannot be recognized.	1473
	The color ink cartridge cannot be recognized.	1684
15 flashes	Print head cannot be recognized.	1472
	Optional FINE cartridge cannot be recognized.	1682
16 flashes	Color ink has run out.	1688

Support Code Corresponding to Number of Alternate Flashes of ON Lamp and Alarm Lamp

Example of 2 times flashing:



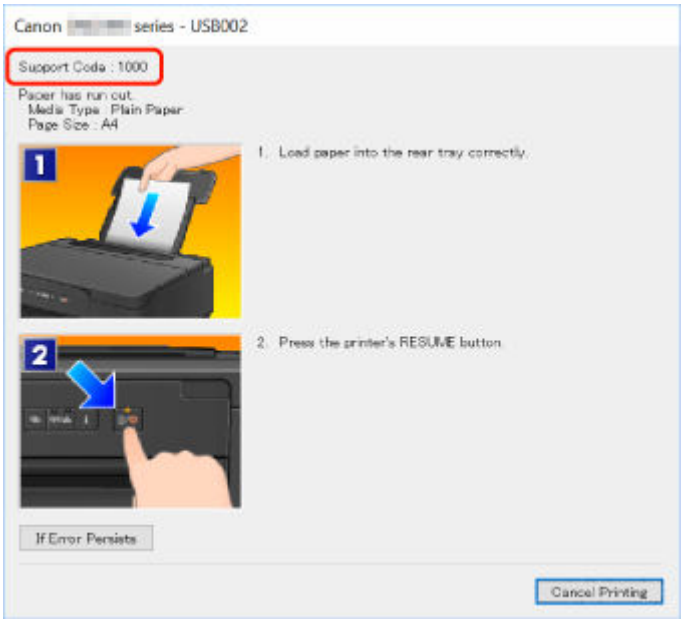
(A) Alternately flashes

(B) Goes off

Number of flashes	Cause	Support Code
2 flashes	Printer error has occurred.	5100
3 flashes	Printer error has occurred.	6000 6004
4 flashes	Printer error has occurred.	5C02
5 flashes	Printer error has occurred.	5700
6 flashes	Printer error has occurred.	5400 6D01
7 flashes	Printer error has occurred.	5B00 5B01 5B02 5B03
8 flashes	Printer error has occurred.	5200 5205 5206
9 flashes	Printer error has occurred.	6800 6801 6830 6831 6832 6833
10 flashes	An error requiring a repair has occurred.	7500 7600 7700 7800
12 flashes	Printer error has occurred.	6A80 6A81
Other cases than above	Printer error has occurred.	6001 6500 6900 6901 6902 6910

		6911 6920 6921 6930 6931 6932 6933 6940 6941 6942 6943 6944 6945 6946 C000

When a Support Code and a message are displayed on the computer screen (Windows):

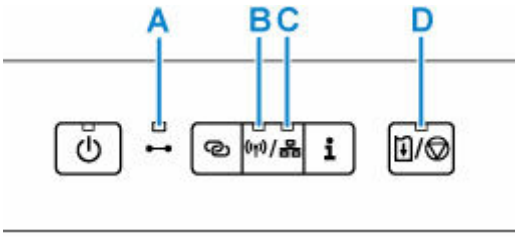


Note

- For details on how to resolve errors without Support Codes, refer to Message (Support Code) Appears.

Errors During Wi-Fi Setup

When an error occurs during Wi-Fi setup, the Alarm lamp (D) lights up. At the same time, you know the details of the error with the combination of the other three lamps (Online lamp (A)/Wi-Fi lamp (B)/Wired LAN lamp (C)) lighting combination. Check the lighting lamp and take the appropriate action.



Online lamp (A)	Wi-Fi lamp (B)	Wired LAN lamp (C)	Cause	Action
Lighting	Lighting	Lighting	Failed in Wi-Fi setup.	Press the printer's **RESUME/CANCEL** button to resolve the error. Take measures below. 1. Turn off the wireless router and turn it on again. 2. Reconnect the printer to the wireless router. If the above does not resolve the problem, refer to the instruction manual supplied with the wireless router and check the settings.
–	–	Lighting	Failed in Wi-Fi setup.	Press the printer's **RESUME/CANCEL** button to resolve the error. If you are performing setup with WPS: 1. Check the security settings and perform setup again. 2. Perform setup using another setup method.
–	Lighting	–	Cannot find a wireless router during setup.	Press the printer's **RESUME/CANCEL** button to resolve the error. Perform wireless LAN setup again.
–	Lighting	Lighting	Cannot connect because multiple wireless routers are connecting to the printer.	Press the printer's **RESUME/CANCEL** button to resolve the error. Perform wireless LAN setup again after a while (about 2 minutes). If the above does not resolve the problem, refer to the instruction manual supplied with the wireless router and check the settings.

Lighting	–	–	Easy wireless connect has failed.	➡ 3440
Lighting	Lighting	–	Easy wireless connect has failed.	➡ 3441

Message (Support Code) Appears

This section describes some of the errors and messages that may appear.

Note

- A support code (error number) is displayed on the computer for some errors. For details on errors that have support code, see List of Support Code for Error.

If a message appears on the computer, see below.

- Error Regarding Automatic Duplex Printing Is Displayed
- Error Regarding Power Cord Being Unplugged Is Displayed (Windows)
- Writing Error/Output Error/Communication Error (Windows)
- Other Error Messages (Windows)

Q Error Regarding Automatic Duplex Printing Is Displayed

A

Check See Automatic Duplex Printing Problems and take the appropriate action.

Q Error Regarding Power Cord Being Unplugged Is Displayed (Windows)

A

The printer may have been unplugged while it was on.

Check the error message that appears on the computer and click **OK**.

The printer starts printing.

See Unplugging the Printer for unplugging the power cord.

Q Writing Error/Output Error/Communication Error (Windows)

A

Check1 If the **ON** lamp is off, make sure printer is plugged in and turn on.

The **ON** lamp flashes while the printer is initializing. Wait until the **ON** lamp stops flashing and remains lit.

Check2 Make sure printer is properly connected to computer.

If you are using a USB cable, make sure it is securely connected to both the printer and the computer. When the USB cable is securely plugged in, check the following:

- If you are using a relay device such as a USB hub, disconnect it, connect the printer directly to the computer, and retry the printing. If printing starts normally, there is a problem with the relay device. Contact the vendor of the relay device.
- There could also be a problem with the USB cable. Replace the USB cable and retry the printing.

If you use the printer over a LAN, make sure the printer is correctly set up for network use.

Check3 Make sure printer driver is installed correctly.

Uninstall the printer driver following the procedure described in Deleting the Unnecessary Printer Driver and reinstall it from the Setup CD-ROM or the Canon website.

Check4 When printer is connected to your computer with a USB cable, check device status from your computer.

Follow the procedure below to check the device status.

1. Select **Control Panel** > **Hardware and Sound** > **Device Manager**.

   Note

   - If the **User Account Control** screen appears, select **Continue**.

2. Double-click **Universal Serial Bus controllers** and **USB Printing Support**.

   If **USB Printing Support Properties** screen does not appear, make sure the printer is correctly connected to the computer.

   Check2 Make sure printer is properly connected to computer.

3. Click **General** tab and check for a device problem.

   If a device error is shown, see Windows Help to resolve it.

Other Error Messages (Windows)

Check If an error message appears outside printer status monitor, check the following:

- **"Could not spool successfully due to insufficient disk space"**

  Delete any unnecessary files to increase the amount of free space on the disk.

- **"Could not spool successfully due to insufficient memory"**

  Close other applications to increase the available memory.

  If you still cannot print, restart your computer and retry the printing.

- **"Printer driver could not be found"**

Uninstall the printer driver following the procedure described in Deleting the Unnecessary Printer Driver and reinstall it from the Setup CD-ROM or the Canon website.

- "**Could not print Application name** - File name"

  Try printing again once the current job is complete.

List of Support Code for Error

Support code appears on your computer screen when errors occur.

A "support code" is an error number, and appears along with an error message.

When an error occurs, check the support code displayed on the computer screen and take the appropriate action in response.

Support Code Appears on Computer Screen

- **1000 to 1ZZZ**

  1000 1003 1200 1215 1270 1300

  1303 1304 1309 1310 1313 1365

  1366 1367 1430 1431 1432 1433

  1470 1471 1472 1473 1476 147A

  147B 1485 1641 1642 1682 1684

  1686 1688 1700 1701 1702 1703

  1890 1892

- **2000 to 2ZZZ**

  2500

- **3000 to 3ZZZ**

  3439 3440 3441 3442 3443 3444

  3445 3446

- **4000 to 4ZZZ**

  4103 4104 495A

- **5000 to 5ZZZ**

  5100 5200 5205 5206 5400 5700

  5B00 5B01 5B02 5B03 5C02

- **6000 to 6ZZZ**

  6000 6001 6004 6500 6800 6801

  6830 6831 6832 6833 6900 6901

6902 6910 6911 6920 6921 6930

6931 6932 6933 6940 6941 6942

6943 6944 6945 6946 6A80 6A81

6D01

- **7000 to 7ZZZ**

  7500 7600 7700 7800

- **A000 to ZZZZ**

  C000

For paper jam support codes, see also List of Support Code for Error (Paper Jams).

List of Support Code for Error (Paper Jams)

If paper jams, remove it following the appropriate procedure as shown below.

- If you can see the jammed paper at the paper output slot or the rear tray:

  ➡ 1300

- If you cannot see the jammed paper at the paper output slot or the rear tray:
  - If the paper fed from the cassette is jammed:

    ➡ 1303

  - If the paper is jammed when performing automatic duplex printing:

    ➡ 1304

  - If the paper is jammed as the printer pulled in the printed paper:

    ➡ 1313

  - If the paper tears and you cannot remove it from the paper output slot or if the paper is jammed inside the printer:

    ➡ Paper Is Jammed inside Printer

- Cases other than above:

  ➡ Other Cases

1300

Cause

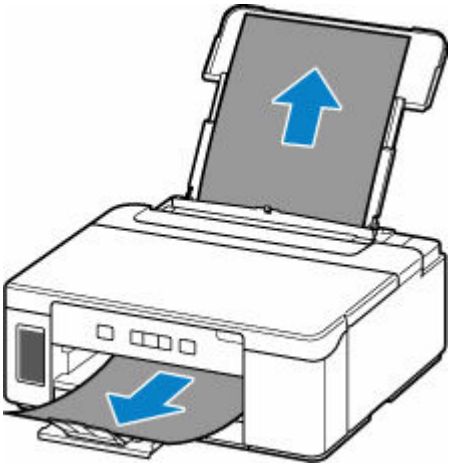
Paper is jammed when feeding paper from rear tray.

What to Do

If the paper fed from the rear tray is jammed, remove the jammed paper from the paper output slot or from the rear tray following the instructions below.

1. Slowly pull out paper, either from paper output slot or from rear tray, whichever is easier.

   Hold the paper with both hands, and pull it out slowly so as not to tear it.



Note

- If you cannot pull out the paper, turn the printer back on without pulling forcibly. The paper may be ejected automatically.
- If paper becomes jammed during printing and you need to turn off the printer to remove it, press the **RESUME/CANCEL** button to stop the printing before you turn off the printer.
- If the paper tears and you cannot remove the jammed paper from the paper output slot or the rear tray, remove the paper from inside the printer.

  ➡ Paper Is Jammed inside Printer

- If you cannot pull the paper out from the paper output slot or from the rear tray, try to pull the paper out from the rear side of the printer.

  ➡ Removing Jammed Paper from Rear Side

2. Reload paper and press printer's **RESUME/CANCEL** button.

   The printer resumes printing. Reprint the page you were printing if it was not printed properly due to the paper jam.

   If you turned off the printer in step 1, the print data that was sent to the printer is erased. Redo the printing.

Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1303

Cause

Paper is jammed when feeding paper from cassette.

What to Do

1. Remove jammed paper.

   - If the paper is jammed at the paper output slot:

     ➡ 1300

   - If the paper is jammed inside the printer:

     ➡ Paper Is Jammed inside Printer

   - If the paper is jammed at the feed slot of the cassette:

     After storing the output tray extension and the paper output tray, pull out the cassette and remove the jammed paper slowly with both hands.

     Important

     - When checking the feed slot of the cassette or removing the jammed paper, do not turn the printer upside down or tilt it. The ink may leak out.

   - If none of the above is applied, see Removing Jammed Paper from Rear Side to open the rear cover and to remove the paper.

2. Load paper in cassette properly.

   ➡ Loading Paper in the Cassette

3. Press printer's **RESUME/CANCEL** button.

   The printer resumes printing. Reprint the page you were printing if it was not printed properly due to the paper jam.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1304

Cause

Paper is jammed when performing automatic duplex printing.

What to Do

1. Remove jammed paper.

   - If the paper is jammed at the paper output slot:

     ➡ 1300

   - If the paper is jammed inside the printer:

     ➡ Paper Is Jammed inside Printer

   - If the paper is jammed at the feed slot of the cassette:

     After storing the output tray extension and the paper output tray, pull out the cassette and remove the jammed paper slowly with both hands.

     Important

     - When checking the feed slot of the cassette or removing the jammed paper, do not turn the printer upside down or tilt it. The ink may leak out.

   - If none of the above is applied, see Removing Jammed Paper from Rear Side to open the rear cover and to remove the paper.

2. Load paper properly.

   ➡ Loading Paper in the Cassette
   ➡ Loading Paper in the Rear Tray

3. Press printer's **RESUME/CANCEL** button.

   The printer resumes printing. Reprint the page you were printing if it was not printed properly due to the paper jam.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1313

Cause

Paper is jammed as printer pulled in printed paper.

What to Do

If the paper is jammed as the printer pulled in the printed paper, try to remove the paper from the following locations.

- Paper output slot
  - 1300
- Inside of the printer
  - Paper Is Jammed inside Printer
- Rear side
  - Removing Jammed Paper from Rear Side

Paper Is Jammed inside Printer

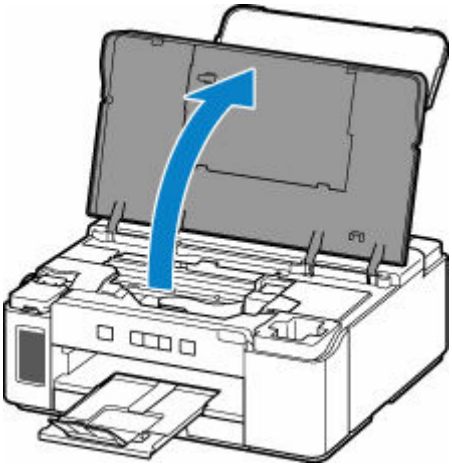
If the jammed paper tears and you cannot remove the paper from the paper output slot / the feed slot of the cassette / the rear tray, or if the jammed paper remains inside the printer, remove the paper following the instructions below.

Note

- If paper becomes jammed during printing and you need to turn off the printer to remove it, press the **RESUME/CANCEL** button to stop the printing before you turn off the printer.

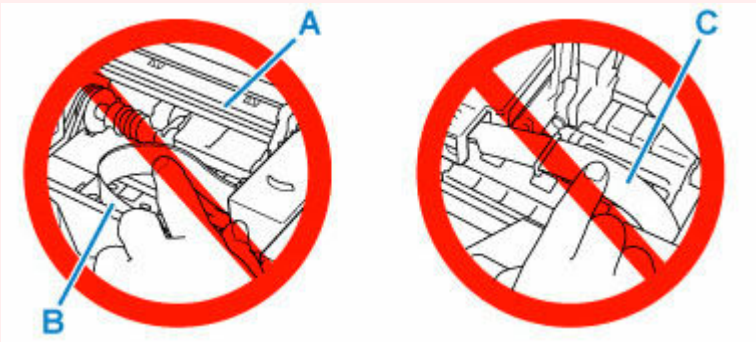
1. Turn off printer and unplug it.

2. Open top cover.



Important

- Do not touch clear film (A), white belt (B), or tubes (C).

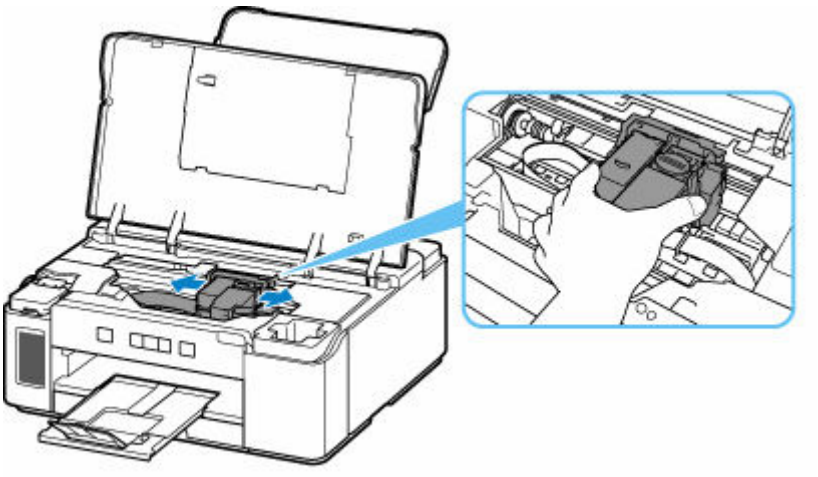


If you soil or scratch this part by touching it with paper or your hand, it could damage the printer.

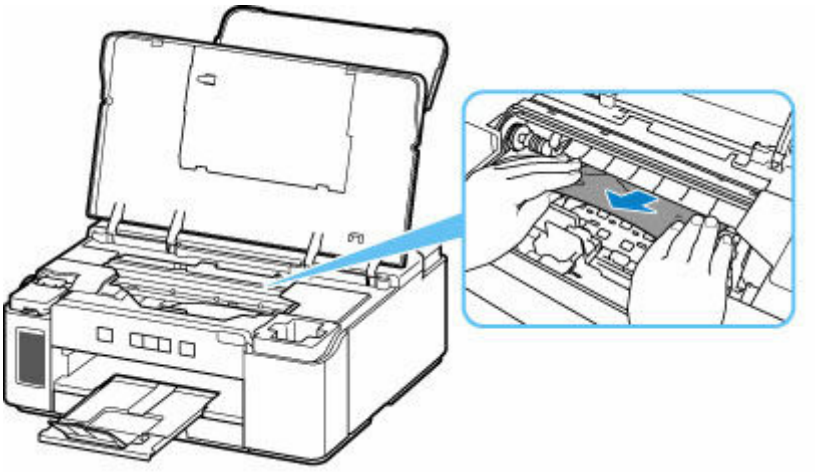
3. Check if jammed paper is under print head holder.

If the jammed paper is under the print head holder, move the print head holder to the far right or left, whichever makes it easier to remove the paper.

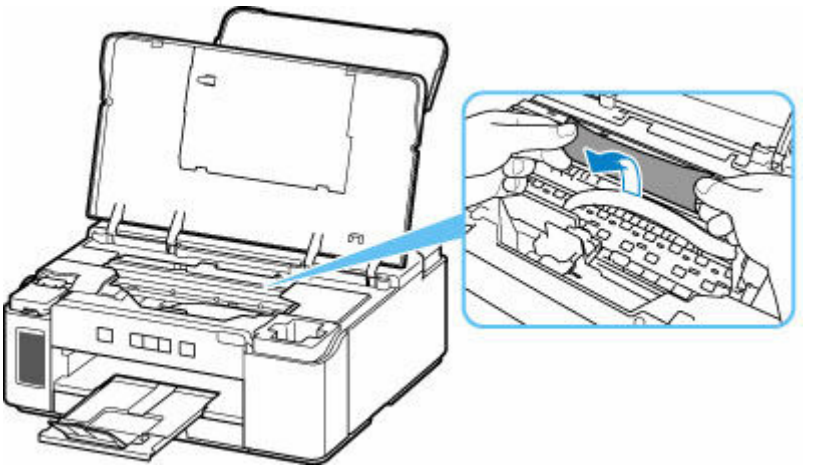
When moving the print head holder, hold the top of the print head holder and slide it slowly to the far right or left.



4. Hold jammed paper firmly in both hands.

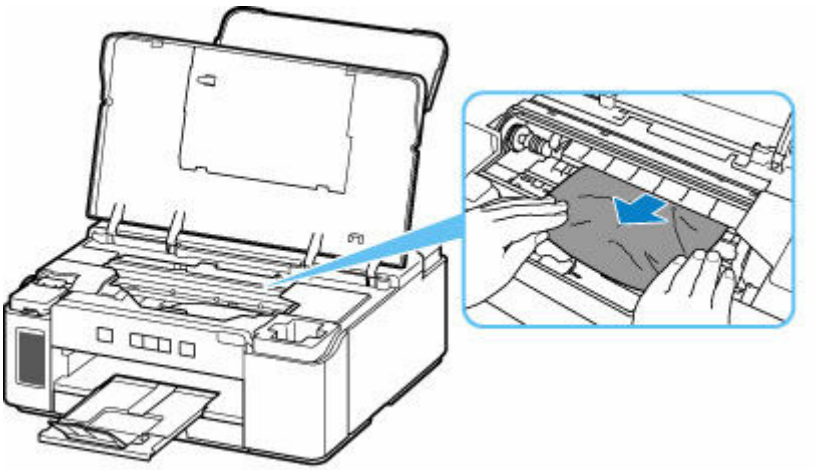


If the paper is rolled up, pull out it.



5. Slowly pull out paper, so as not to tear it.

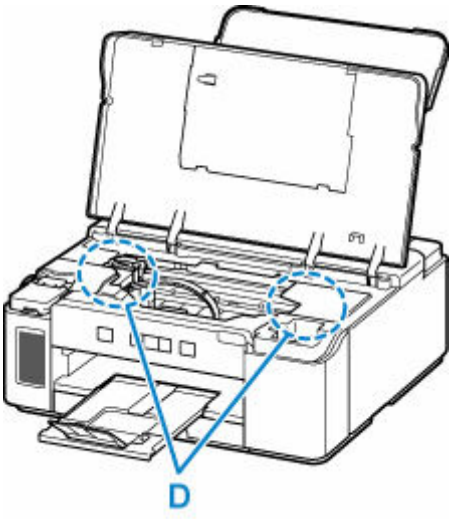
Pull out the paper at an angle of about 45 degrees.



6. Make sure all jammed paper is removed.

   If the paper tears when you pull out it, a bit of paper may remain in the printer. Check the following and remove any remaining paper.

   - Any paper left under the print head holder?
   - Any small bits of paper left in the printer?
   - Any paper left in the left and right empty spaces (D) in the printer?



7. Close top cover.

   All jobs in the print queue are canceled. Redo the printing.

   Note

   - When reloading the paper, make sure you are using suitable paper and loading it correctly. If a paper jam message appears on your computer screen when you resume printing after removing all the jammed paper, there may be some paper still inside the printer. Check the printer again for any remaining bits of paper.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Removing Jammed Paper from Rear Side

Note

- If paper becomes jammed during printing and you need to turn off the printer to remove it, press the **RESUME/CANCEL** button to stop the printing before you turn off the printer.

1. Make sure you have unplugged the power cord.

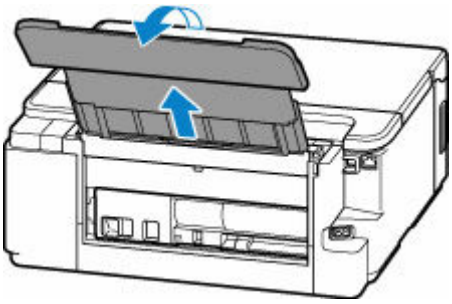
2. Rotate printer so that rear side of printer faces toward you.



Important

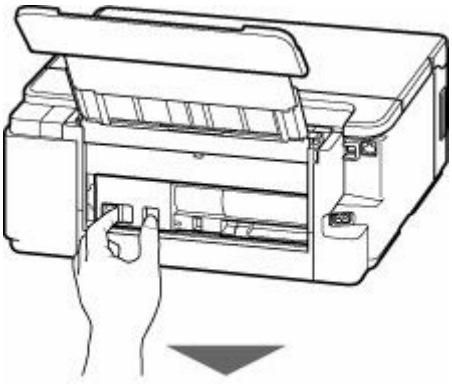
- When changing the orientation of the printer, do not turn the printer upside down or tilt it. The ink may leak out.

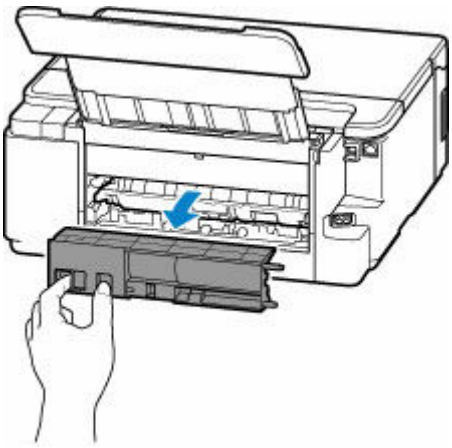
3. Open rear tray cover and then pull up paper support.



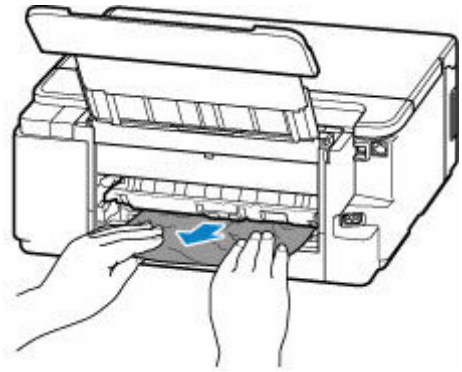
4. Detach rear cover.

Pull out the rear cover.





5. Slowly pull out paper.



Note

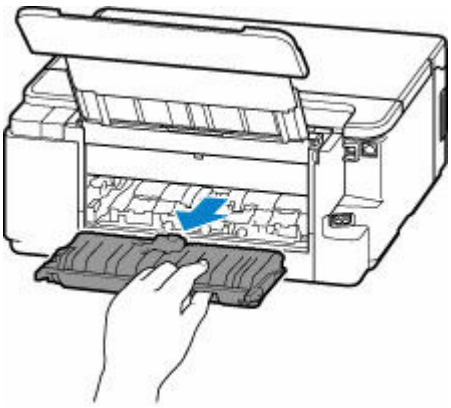
- Do not touch the inner parts of the printer.

If you were not able to remove the paper in this step, detach the transport unit cover and remove the paper by following these steps.

1. Detach transport unit cover.

   Lift up the transport unit cover and pull out it.





2. Slowly pull out paper.



Note

- Do not touch the inner parts of the printer.

3. Make sure all jammed paper is removed.

4. Attach transport unit cover.

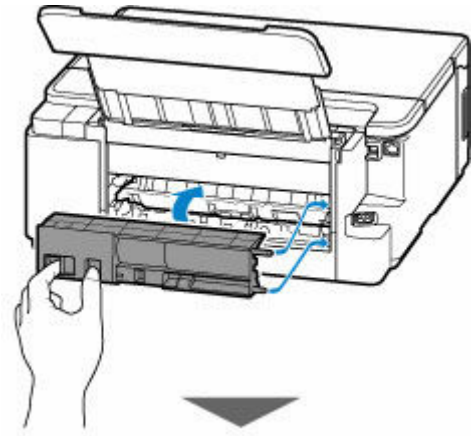
Insert the transport unit cover slowly all the way into printer and take down the transport unit cover.

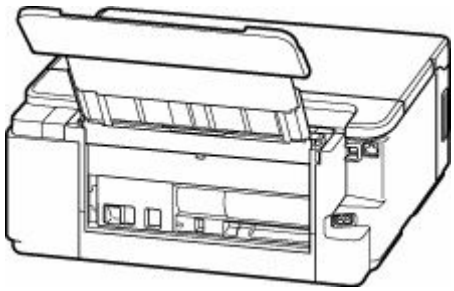




6. Attach rear cover.

   Insert the projections of the right side of the rear cover into the printer, and then push the left side of the rear cover until it is closed completely.





   The print data that was sent to the printer is erased. Redo the printing.

Note

- When reloading the paper, make sure you are using suitable paper and loading it correctly.

If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1000

Cause

Possible causes include the following.

- There is no paper in the rear tray.
- Paper is not loaded in the rear tray properly.

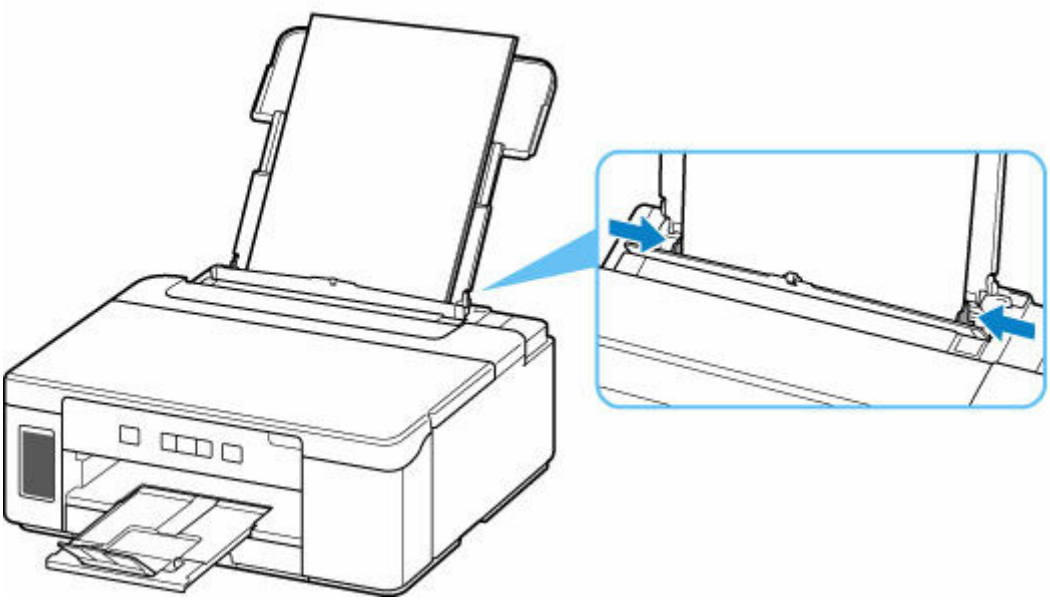
What to Do

Take the corresponding actions below.

- Load paper in the rear tray.

  ➡ Loading Paper in the Rear Tray

- Align the paper guides of the rear tray with the both edges of the paper.



After carrying out the above measures, press the printer's **RESUME/CANCEL** button.

Important

- Be sure to close the feed slot cover after loading paper in the rear tray. If the feed slot cover is open, paper cannot be fed.

Note

- To cancel printing, press the printer's **RESUME/CANCEL** button.

1003

Cause

Possible causes include the following.

- There is no paper in the cassette.
- Paper is not loaded in the cassette properly.

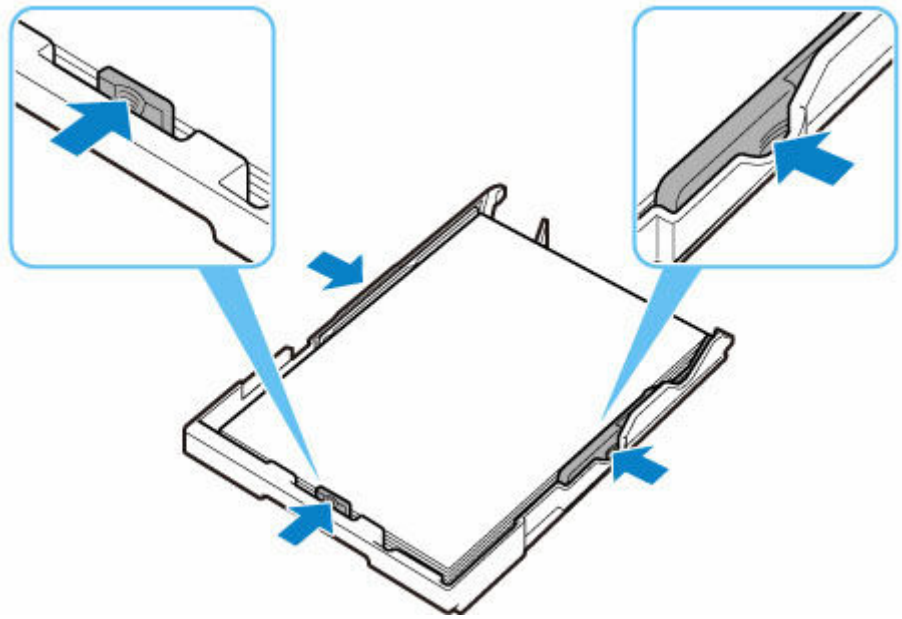
What to Do

Take the corresponding actions below.

- Load paper in the cassette.

  ➡ Loading Paper in the Cassette

- Align the paper guides of the cassette with the edges of the paper.



After carrying out the above measures, press the printer's **RESUME/CANCEL** button.

Note

- The loadable paper differs depending on the paper source. The loadable paper in the cassette is A4, Letter, A5, or B5 size plain paper.
- To cancel printing, press the printer's **RESUME/CANCEL** button.

1200

Cause

Top cover is open.

What to Do

Close the top cover and wait for a while.

If refilling ink tank or replacing optional FINE cartridge is in progress, close the top cover after completing it.

1215

Cause

Print head replacement in progress.

What to Do

Complete print head replacement.

Note

- When you stop replacing the print head, tilt the ink valve lever tightly to the right, then close the top cover.

1365

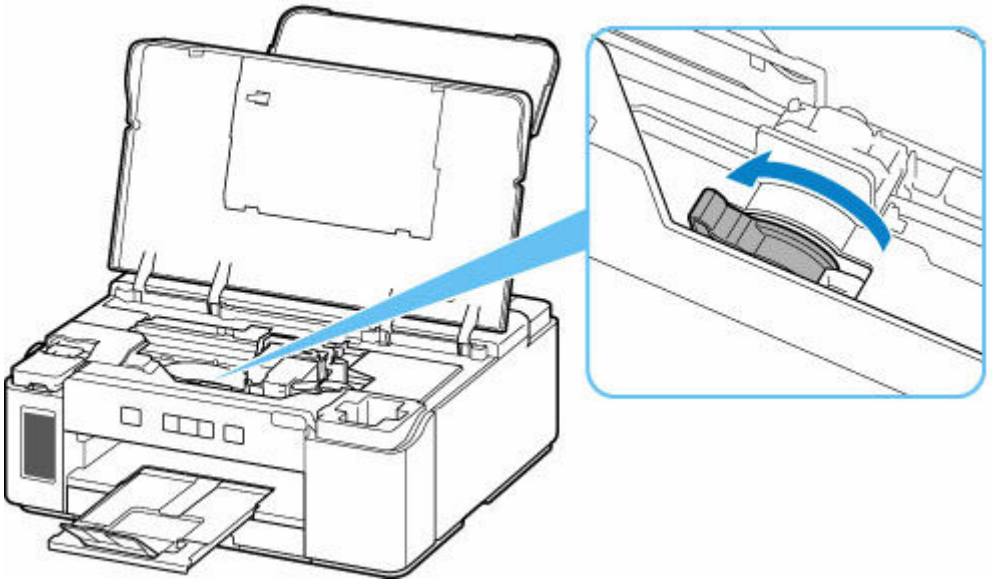
Cause

Ink valve is open.

What to Do

Keep the ink valve closed while replacing the print head.

Open the top cover and close the ink valve by tilting the ink valve lever tightly to the left.



And then, press the printer's **RESUME/CANCEL** button to cancel the error.

Note

- When you stop replacing the print head, press the printer's **RESUME/CANCEL** button.

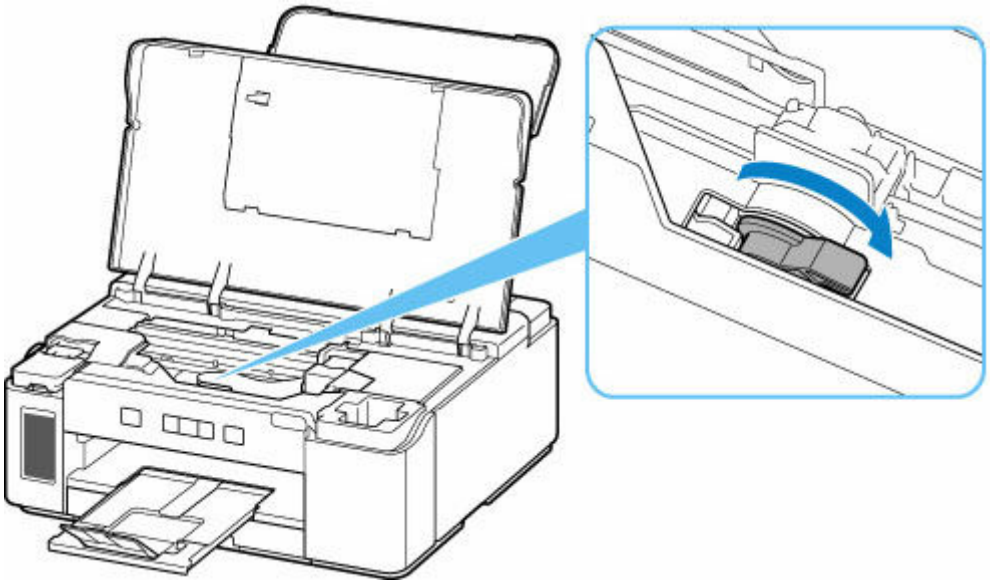
1366

Cause

Ink valve is closed.

What to Do

Open the top cover and open the ink valve by tilting the ink valve lever tightly to the right.



And then, close the top cover to cancel the error.

1367

Cause

There is not enough ink to perform ink flush.

What to Do

Press the printer's **RESUME/CANCEL** button to cancel the error.

Before performing ink flush, refill the ink up to the position above the single dot shown in the ink tank.

Refilling Ink Tank

Note

- Since ink flush consumes a lot of ink, perform it only when necessary.

1430

Cause

Optional FINE cartridge cannot be recognized.

What to Do

Remove the FINE cartridge and reinstall it.

If the error is not resolved, the FINE cartridge may be damaged. Replace the FINE cartridge with a new one.

If this still does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1431

Cause

Print head cannot be recognized.

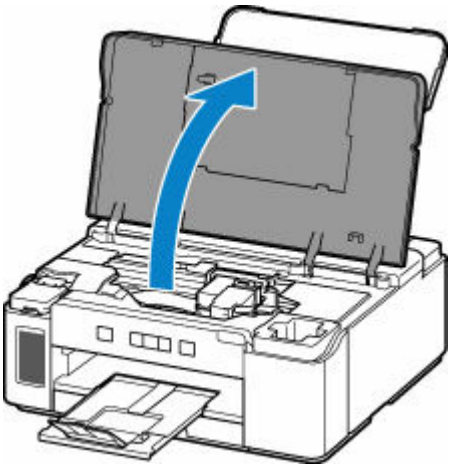
What to Do

A print head may not be installed properly or may not be compatible with this printer.

If you are printing, press the printer's **RESUME/CANCEL** button to cancel printing.

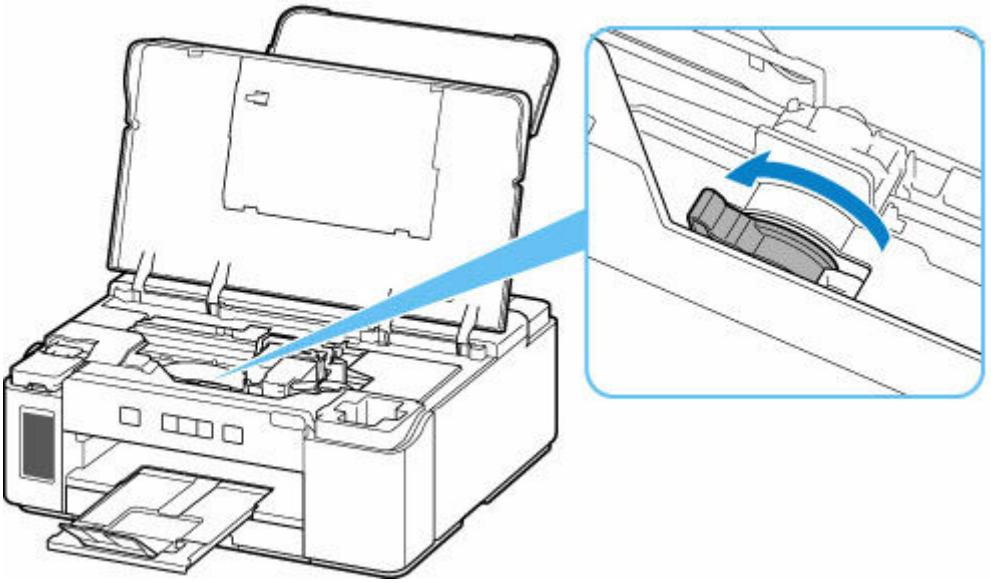
Remove the print head and reinstall it properly following the steps below. This may resolve the error.

1. Open top cover.

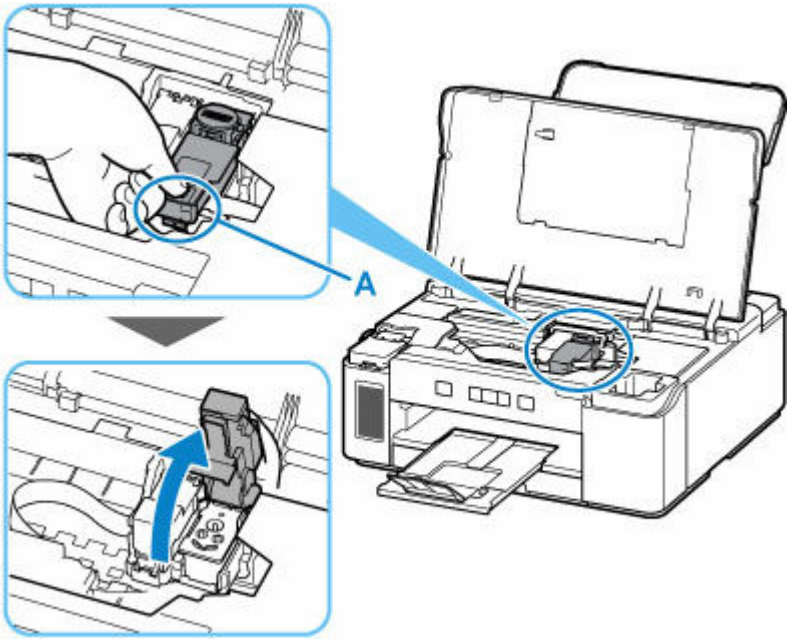


2. Close ink valve.

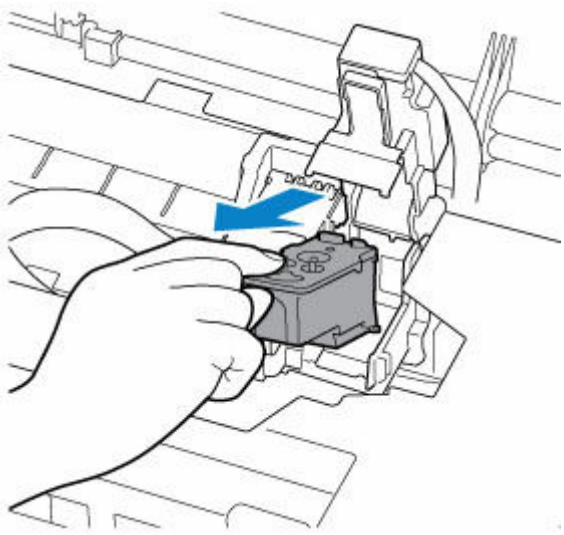
   Tilt the ink valve lever tightly to the left.



3. Grab knob (A) on print head locking cover to open it.

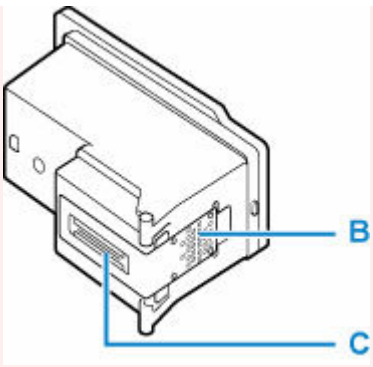


4. Remove print head.

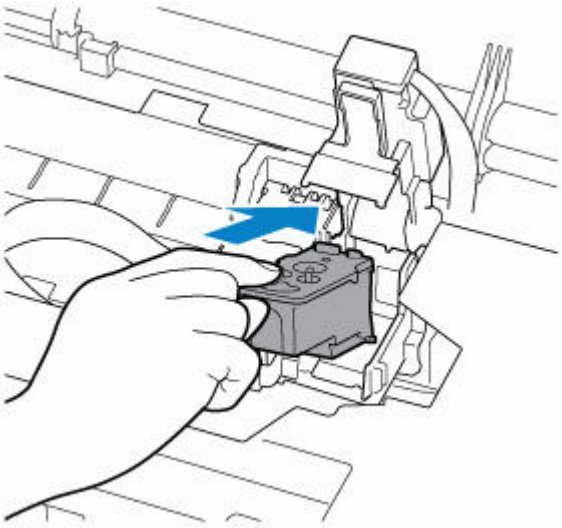


Important

- When removing the print head, handle it carefully so that ink does not spatter.
- Do not touch the tube or other parts inside the printer. Touching these parts may cause the printer to malfunction.
- Do not touch the gold terminal (B) or print head nozzles (C) on a print head. The printer may not print properly if you touch them.

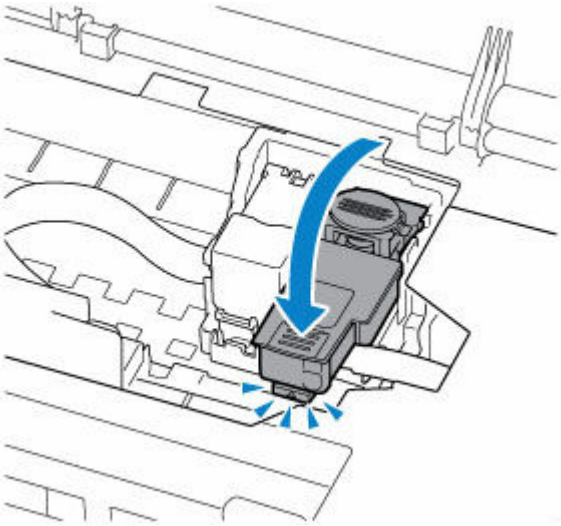


5. Reinstall print head properly.

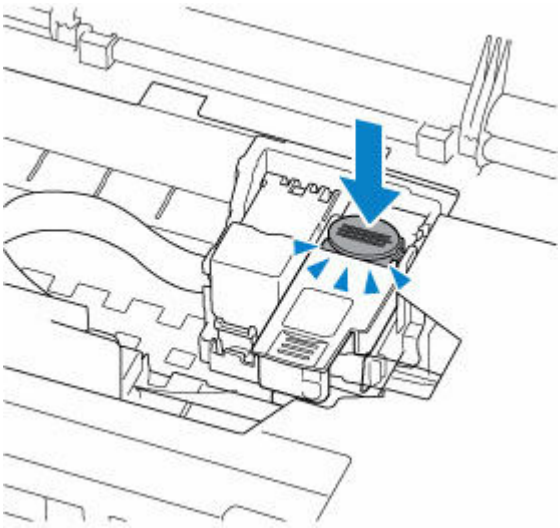


6. Close print head locking cover and push it down.

   Press firmly the print head locking cover until it clicks into place.



7. Press down joint button.

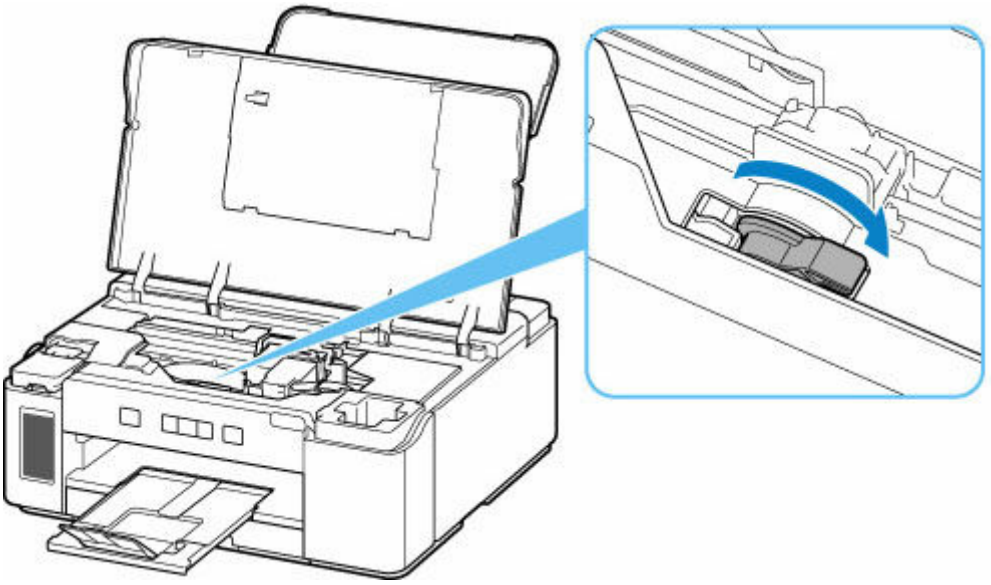


Important

- Push the joint button firmly until it clicks into place; otherwise, printing may become impossible.

8. Open ink valve.

   Tilt the ink valve lever tightly to the right.



9. Close top cover.

If reinstalling the print head does not solve the problem, it may be necessary to replace the print head.

For details, refer to this page.

1432

Cause

Print head cannot be recognized.

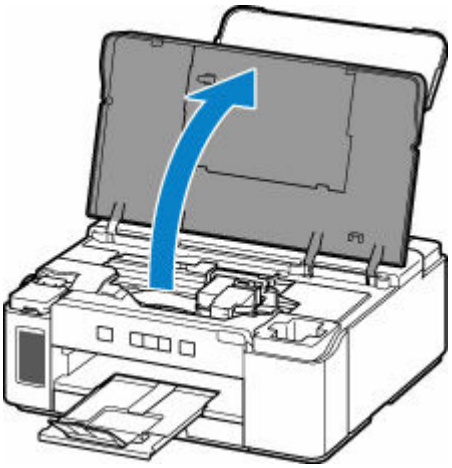
What to Do

A print head may not be installed properly or may not be compatible with this printer.

If you are printing, press the printer's **RESUME/CANCEL** button to cancel printing.

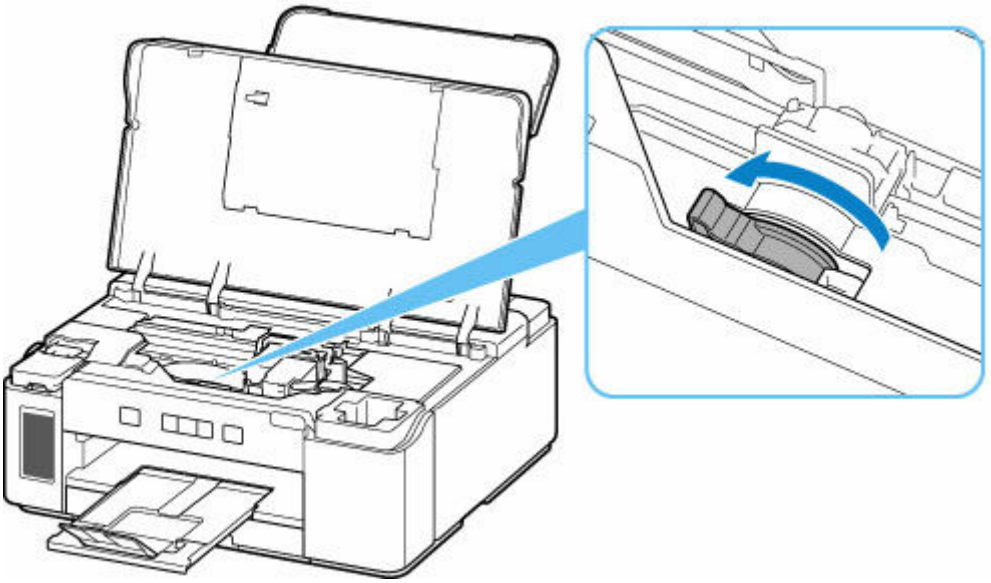
Remove the print head and reinstall it properly following the steps below. This may resolve the error.

1. Open top cover.

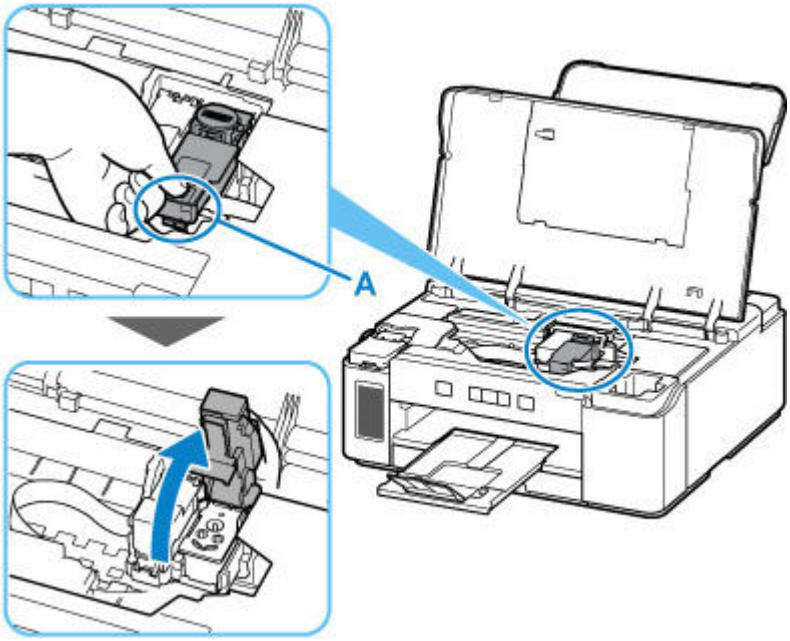


2. Close ink valve.

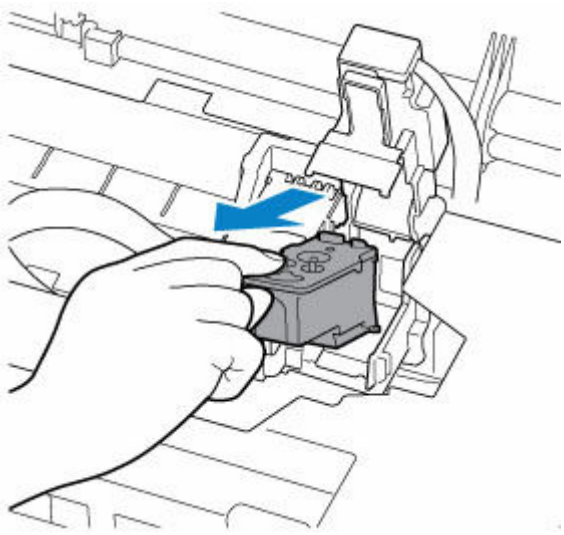
   Tilt the ink valve lever tightly to the left.



3. Grab knob (A) on print head locking cover to open it.

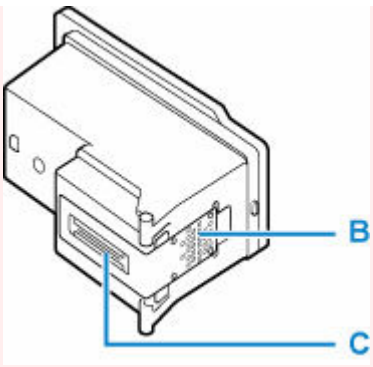


4. Remove print head.

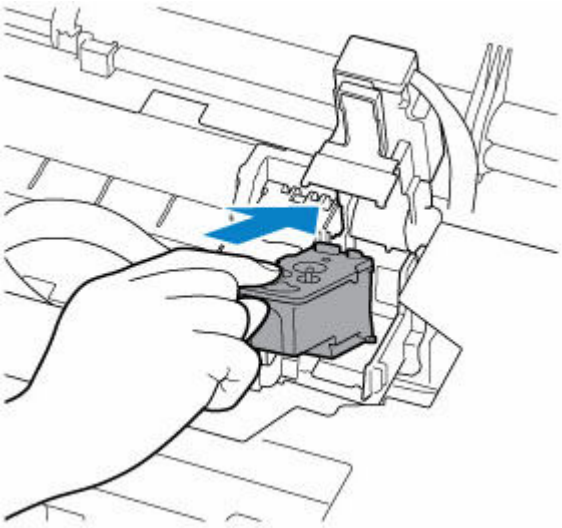


Important

- When removing the print head, handle it carefully so that ink does not spatter.
- Do not touch the tube or other parts inside the printer. Touching these parts may cause the printer to malfunction.
- Do not touch the gold terminal (B) or print head nozzles (C) on a print head. The printer may not print properly if you touch them.

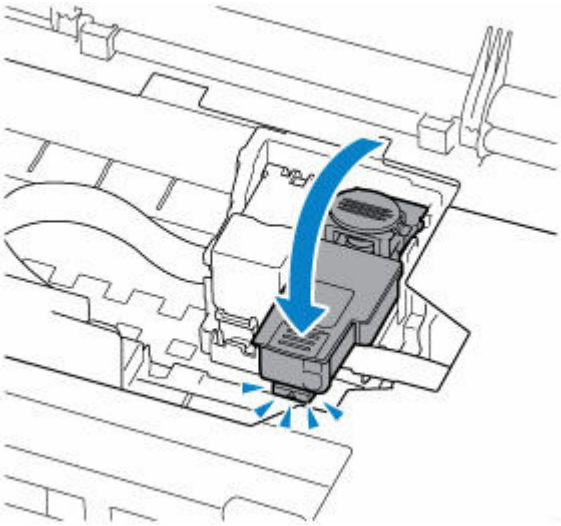


5. Reinstall print head properly.

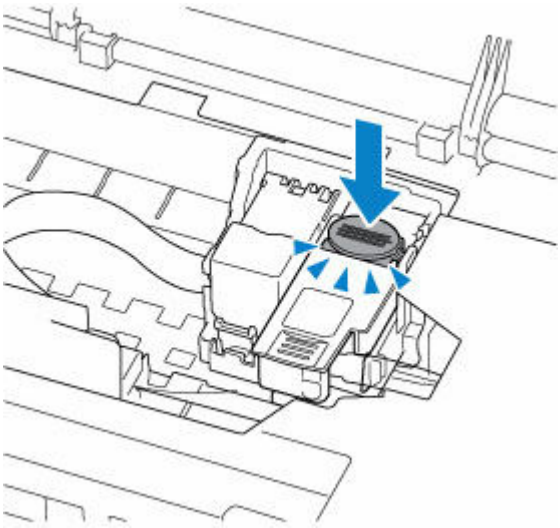


6. Close print head locking cover and push it down.

Press firmly the print head locking cover until it clicks into place.



7. Press down joint button.

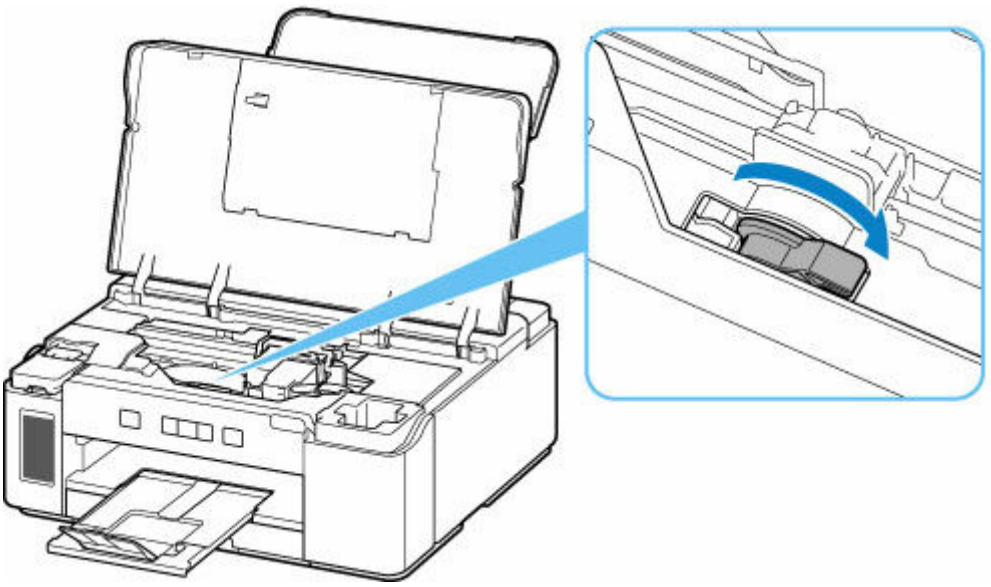


Important

- Push the joint button firmly until it clicks into place; otherwise, printing may become impossible.

8. Open ink valve.

   Tilt the ink valve lever tightly to the right.



9. Close top cover.

If reinstalling the print head does not solve the problem, it may be necessary to replace the print head.

For details, refer to this page.

1433

Cause

Contact protector or optional FINE cartridge cannot be recognized.

What to Do

Remove the contact protector or FINE cartridge and reinstall it.

If the error is not resolved even if the FINE cartridge is reinstalled, the FINE cartridge may be damaged. Replace the FINE cartridge.

If this does not solve the problem even if you reinstall the contact protector or replace the FINE cartridge with a new one, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

147A

Cause

Contact protector or optional FINE cartridge cannot be recognized.

What to Do

Printing cannot be executed because the contact protector or FINE cartridge may not be installed properly or the cartridge may not be compatible with this printer.

If you are printing, press the printer's **RESUME/CANCEL** button to cancel printing, then take one of the following actions.

- Install the contact protector supplied with this printer properly.
- Install the appropriate FINE cartridge properly.

  If the error is not resolved, the FINE cartridge may be damaged. Replace the FINE cartridge with a new one.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

147B

Cause

Color printing was specified, but an optional FINE cartridge is not installed.

What to Do

To print in color, an optional FINE cartridge is required.

After installing the FINE cartridge in the left part of the print head holder, close the top cover to cancel the error. Then, the printer resumes printing.

➡ Installing a FINE Cartridge

If you do not print in color, press the printer's **RESUME/CANCEL** button to stop the printing.

If you are printing from a computer, open the printer driver's setup screen, check the **Grayscale Printing** check box on the **Main** sheet, and then print again.

➡ Main Tab Description

Note

- In some application software, color printing may be performed irrespective of the setting of the printer driver. If this error occurs even if you check the **Grayscale Printing** check box on the **Main** sheet, click the **Print Options** button on the **Page Setup** sheet, and select **Black Only** at **Print With**.

  ➡ Page Setup Tab Description
- When printing from a smartphone or cloud service, you can print color prints in monochrome by opening the Remote UI and enabling **Auto-switch to grayscale** from the **Device settings** menu. (This setting does not affect printing from the printer driver.)

  ➡ Configuration Changes Using Web Browser

1485

Cause

Appropriate ink cartridge is not installed.

What to Do

Printing cannot be executed because the ink cartridge is not compatible with this printer.

Install the appropriate ink cartridge.

If you want to cancel printing, press the printer's **RESUME/CANCEL** button.

1641

Cause

The remaining black ink level in one of the ink tanks may have reached the lower limit line shown on the ink tank.

What to Do

To check the remaining ink level, visually inspect the remaining ink in the ink tank.

If the remaining ink level is below the lower limit line, refill the ink tank with ink to above the single dot shown on the ink tank.

Refilling the ink tank to the upper limit line improves the accuracy of detection of the remaining ink level.

➡ Refilling Ink Tank

If printing is continued when the remaining ink level is below the lower limit line, the printer may consume a certain amount of ink to return to printable status and may also become damaged.

To continue printing, press the printer's **RESUME/CANCEL** button.

1642

Cause

There may be insufficient black ink.

What to Do

Refill the ink tank with entire contents of the ink bottle bundled with the printer.

1682

Cause

Optional FINE cartridge cannot be recognized.

What to Do

Replace the FINE cartridge.

If the error is not resolved, the FINE cartridge may be damaged. Contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

1686

Cause

Color ink may have run out.

What to Do

The function for detecting the remaining color ink level will be disabled since the color ink level cannot be correctly detected.

If you want to continue printing without this function, press the printer's **RESUME/CANCEL** button for at least 5 seconds.

Canon recommends to use new genuine Canon cartridges in order to obtain optimum qualities.

Please be advised that Canon shall not be liable for any malfunction or trouble caused by continuation of printing under the ink out condition.

1688

Cause

Color ink has run out.

What to Do

Replace the ink cartridge and close the top cover.

If printing is in progress and you want to continue printing, press the printer's **RESUME/CANCEL** button for at least 5 seconds with the ink cartridge installed. Then printing can continue under the ink out condition.

The function for detecting the remaining color ink level will be disabled.

Replace the empty ink cartridge immediately after the printing. The resulting print quality is not satisfactory, if printing is continued under the ink out condition.

If not printing in color, remove the color ink cartridge and attach the contact protector.

1700

Cause

Ink absorber is almost full.

What to Do

Press the printer's **RESUME/CANCEL** button to continue printing. Contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Note

- In the case of warnings or errors caused by remaining ink levels, the printer cannot print.

1890

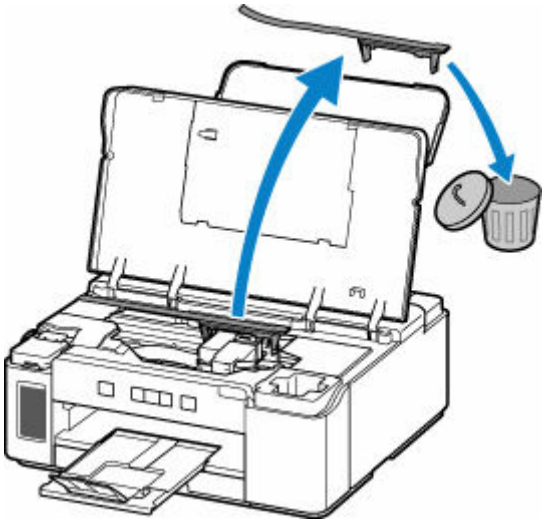
Cause

Protective material or tape for securing print head holder may still be attached.

What to Do

Open the top cover and make sure the protective material and tape for securing the print head holder have been removed.

If the protective material or tape is still there, remove it and close the top cover.



If the measures above do not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

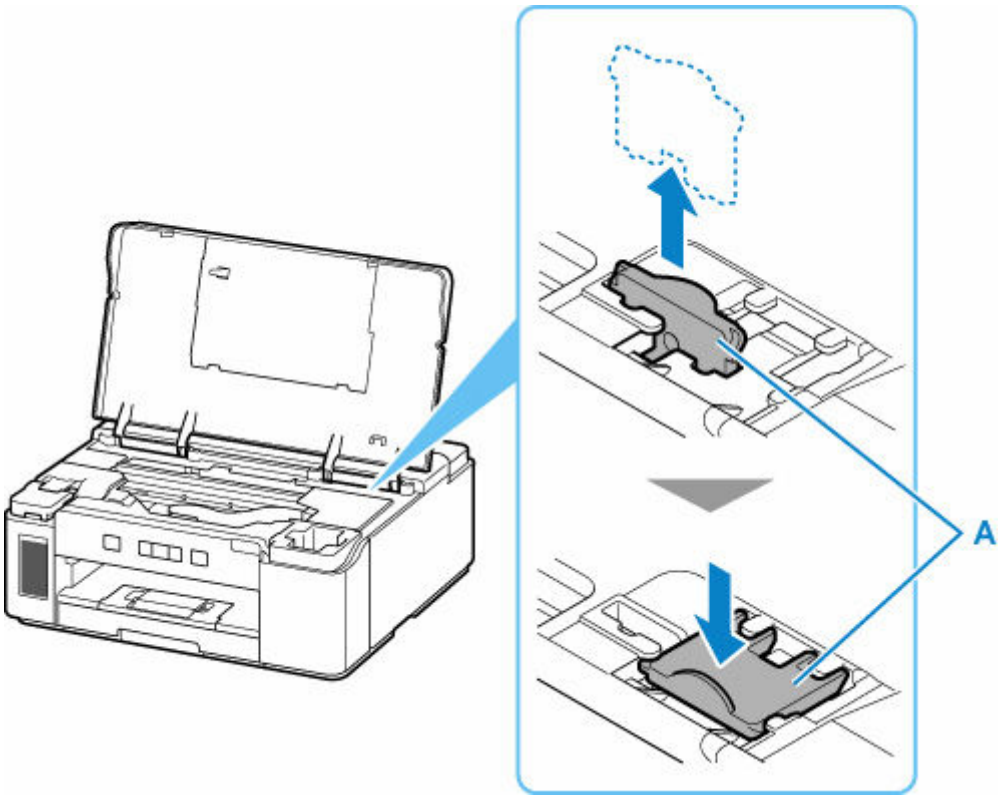
1892

Cause

The carriage stopper is still inserted.

What to Do

Open the top cover and pull out the carriage stopper (A) straight up.



Affix the carriage stopper to the indent next to where it was inserted.

Close the top cover to cancel the error.

4103

Cause

Cannot perform printing with current print settings.

What to Do

Press the printer's **RESUME/CANCEL** button to cancel printing.

Then change the print settings and retry printing.

5100

Cause

Printer error has occurred.

What to Do

If you are printing, press the printer's **RESUME/CANCEL** button to cancel printing, then turn off the printer.

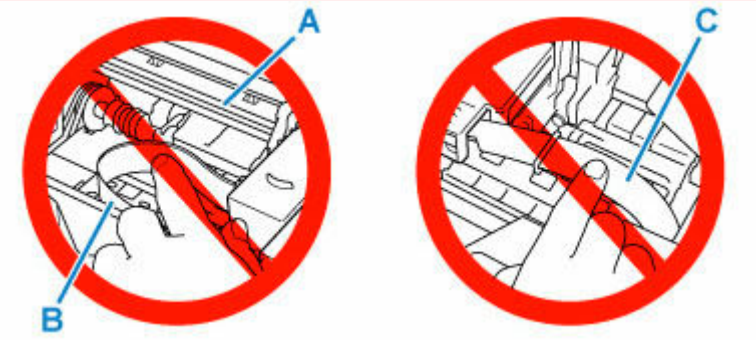
Check the following:

- Make sure print head holder motion is not impeded by protective material and tape for securing the print head holder, jammed paper, etc.

  Remove any impediment.

  Important

  - When clearing an impediment to print head holder motion, be careful not to touch clear film (A), white belt (B), or tubes (C).

    If you soil or scratch this part by touching it with paper or your hand, it could damage the printer.

Turn the printer back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

5200

Cause

Printer error has occurred.

What to Do

Important

- Perform all of the following steps in order.

  Changing the order or omitting steps may cause other problems.

1. Check the remaining ink level, and then refill the ink tanks if necessary.
2. Turn off printer and unplug it.
3. Plug in printer again and turn it back on.
4. Perform print head **Cleaning**.
5. Perform **Ink Flush**.

   No **Deep Cleaning** is required.

If the error recurs after taking the above actions, you may be able to resolve it by replacing the print heads.

For details, click here.

Important

- If the error recurs after replacing the print heads, contact your nearest Canon service center to request a repair.
- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Note

- The Cleaning procedure is explained at the beginning of the following page, and Ink Flush procedure is explained at the end of the page. (No Deep Cleaning is required.)

  ➡ Cleaning the Print Heads (Windows)

5B00

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Note

- In the case of warnings or errors caused by remaining ink levels, the printer cannot print.

5B02

Cause

Printer error has occurred.

What to Do

Contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

Note

- In the case of warnings or errors caused by remaining ink levels, the printer cannot print.

6000

Cause

Printer error has occurred.

What to Do

If the paper is jammed, remove it depending on the jammed location and cause.

➡ List of Support Code for Error (Paper Jams)

Turn off printer and unplug it.

Plug in the printer again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.

C000

Cause

Printer error has occurred.

What to Do

Turn off printer and unplug it.

Plug in the printer again and turn it back on.

If this does not solve the problem, contact your nearest Canon service center to request a repair.

Important

- Do not tilt the printer when moving it since the ink may leak out.
- When transporting the printer for repairing it, see Repairing Your Printer.