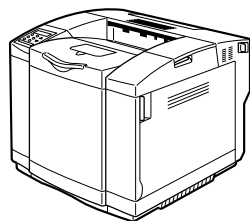

CL1000N

CLP831

P7431cn

LP031c

Option Setup Guide



Read this manual carefully before you use this product and keep it handy for future reference.
For safe and correct use, please be sure to read the Safety Information in the Maintenance
Guide before using the machine.

Introduction

This manual describes detailed instructions on the operation and notes about the use of this machine. To get maximum versatility from this machine all operators are requested to read this manual carefully and follow the instructions. Please keep this manual in a handy place near the machine.

Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Caution:

Use of controls or adjustment or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

Do not attempt any maintenance or troubleshooting other than that mentioned in this manual. This printer contains a laser beam generator and direct exposure to laser beams can cause permanent eye damage.

Notes:

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Two kinds of size notation are employed in this manual. With this machine refer to the inch version.

For good copy quality, the supplier recommends that you use genuine toner from the supplier.

The supplier shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the supplier with your office products.

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The proper names of the Windows operating systems are as follows:

- The product name of Windows® 95 is Microsoft® Windows® 95.
- The product name of Windows® 98 is Microsoft® Windows® 98.
- The product name of Windows® Me is Microsoft® Windows® Millennium Edition (Windows Me).
- The product names of Windows® 2000 are as follows:
 - Microsoft® Windows® 2000 Advanced Server
 - Microsoft® Windows® 2000 Server
 - Microsoft® Windows® 2000 Professional
- The product names of Windows® XP are as follows:
 - Microsoft® Windows® XP Professional
 - Microsoft® Windows® XP Home Edition
- The product names of Windows Server™ 2003 are as follows:
 - Microsoft® Windows Server™ 2003 Standard Edition
 - Microsoft® Windows Server™ 2003 Enterprise Edition
 - Microsoft® Windows Server™ 2003 Web Edition
- The product names of Windows NT® 4.0 are as follows:
 - Microsoft® Windows NT® Server 4.0
 - Microsoft® Windows NT® Workstation 4.0

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How to Read This Manual

Symbols

In this manual, the following symbols are used:

WARNING:

This symbol indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

CAUTION:

This symbol indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

* The statements above are notes for your safety.

Important

If this instruction is not followed, paper might be misfed, or data might be lost. Be sure to read this.

Preparation

This symbol indicates the prior knowledge or preparations required before operating.

Note

This symbol indicates precautions for operation, or actions to take after misoperation.

Limitation

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

Reference

This symbol indicates a reference.

[]

Keys that appear on the machine's display.

Keys and buttons that appear on the computer's display.

【 】

Keys built into the machine's control panel.

Keys on the computer's keyboard.

Available Options

CAUTION:

- *Before installing options, the machine should be turned off and unplugged for at least an hour. Components inside the machine become very hot, and can cause a burn if touched.*
- *Before moving the machine, unplug the power cable from the outlet. If the cable is unplugged abruptly, it could become damaged. Damaged plugs or cables can cause an electrical or fire hazard.*
- *When lifting the machine, use the grips on both sides. The machine could break or cause an injury if dropped.*

By installing options, you can improve the printer performance and have an expanded variety of features to use. For the specifications of each option, see *Administrator Reference*.

Option List

- PAPER FEED UNIT Type 1000
- Paper Cassette Type 1000 (Legal Tray)
- AD460 (Duplex Unit)
- Memory Unit Type C
- Hard Disk Drive Type 2600
- IEEE 802.11b Interface Unit Type D
- Bluetooth Interface Unit Type 2238
- Network Data Protection Unit Type A

Important

- The voltage rating of the connector for options is 24 V DC or less.

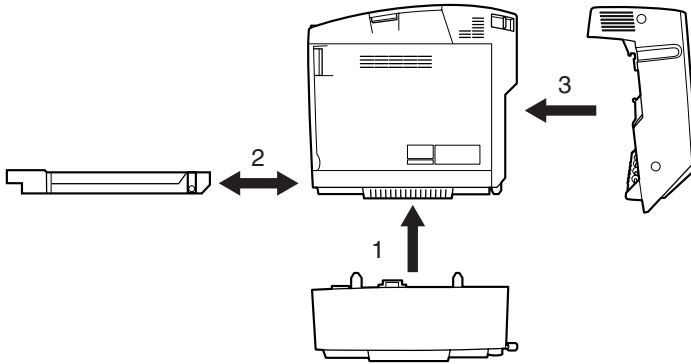
❖ Option Installation Flow Chart

When installing multiple options on the printer, we recommend the following order of installation.

1 Attach the paper feed unit. (PAPER FEED UNIT Type 1000) ▼	Attach the paper feed unit to the bottom of the printer. Up to 780 sheets of paper can be loaded when the optional paper feed unit is installed.
2 Install the Legal Tray. Paper Cassette Type 1000 ▼	Replace the Standard Tray (Tray 1) with the Legal Tray.
3 Attach the duplex unit. (AD460) ▼	Attach the duplex unit in the back of the printer.
4 Install the SDRAM module. (Memory Unit Type C) ▼	Install the module to the SDRAM module slot on the controller board. 64 MB, 128 MB, and 256 MB memory units are available.
5 Install the hard disk drive. (Hard Disk Drive Type 2600) ▼	Install the hard disk drive to the controller board.
6 Install the 802.11b interface unit (IEEE 802.11b Interface Unit Type D) ▼	Install the 802.11b interface unit to the slot on the controller board. If you choose to install the 802.11b interface unit, you cannot install the Bluetooth interface unit.
7 Install the Bluetooth interface unit (Bluetooth Interface Unit Type 2238) ▼	Install the Bluetooth interface unit to the slot on the controller board. If you choose to install the Bluetooth, you cannot install the 802.11b interface unit.
8 Install the network data protection unit. (Network Data Protection Unit Type A)	Insert the network data protection unit into the SD card slot on the controller board.

Install options in the positions as shown in the illustration.

❖ Exterior



AAL006S

1. PAPER FEED UNIT Type 1000

Loads up to 530 sheets of paper. Only one paper feed unit can be installed. The installed paper feed unit is designated as tray 2.

See p.7 "Attaching PAPER FEED UNIT Type 1000".

2. Paper Cassette Type 1000 (Legal Tray)

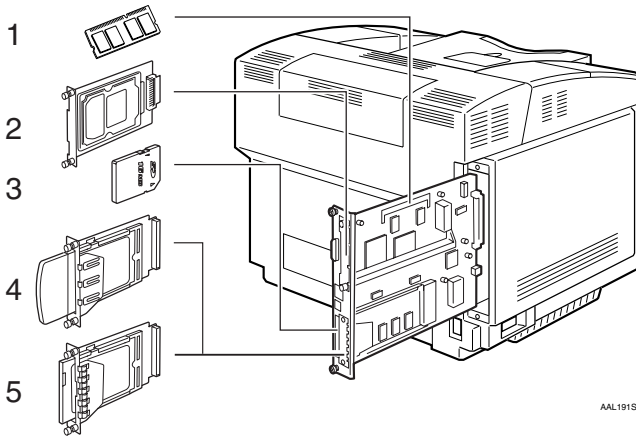
Replace the Standard Tray (Tray 1) with the Legal Tray.

3. AD460 (duplex unit)

Attach to the back of the machine. Prints both sides of paper.

See p.12 "Attaching AD460 (Duplex Unit)".

◆ Interior



AAL191S

1. Memory Unit Type C (SDRAM module)

Install 64 MB, 128 MB, or 256 MB RAM into the slot on the controller board.

See p.16 "Installing Memory Unit Type C (SDRAM Module)".

2. Hard Disk Drive Type 2600

See p.19 "Installing Hard Disk Drive Type 2600".

3. Network Data Protection Unit Type A

See p.30 "Installing Network Data Protection Unit Type A".

4. IEEE 802.11b Interface Unit Type D

See p.21 "Installing IEEE 802.11b Interface Unit Type D".

5. Bluetooth Interface Unit Type 2238

See p.28 "Installing Bluetooth Interface Unit Type 2238".

⚠ Important

- 802.11b interface unit and Bluetooth interface unit cannot be installed in the printer at the same time.

Attaching PAPER FEED UNIT Type 1000

Preparation

When installing multiple options, install the paper feed unit first.

CAUTION:

- *The printer weighs approximately 31.5 kg (69.4 lb). When moving the printer, use the inset grips on both sides, and lift slowly. The printer will break or cause injury if dropped.*

CAUTION:

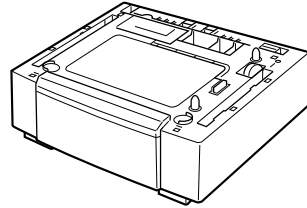
- *Lifting the paper feed unit carelessly or dropping it may cause injury.*

Note

- The printer weighs approximately 31.5 kg (69.4 lb).
- The paper feed unit weighs approximately 6.0 kg (13.2 lb).
- The paper feed unit is displayed as tray 2.

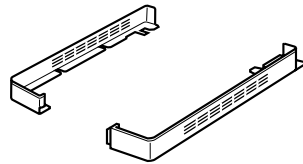
1 Check the contents of the package for the following:

- ◆ Paper Feed Unit (including a paper tray)



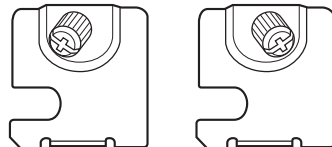
AAL103S

- ◆ Side covers



AAL104S

- ◆ Mounting brackets (2)



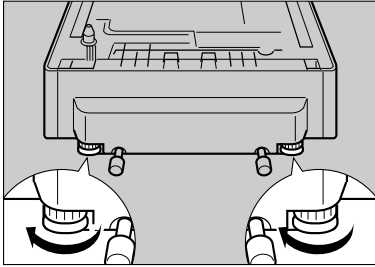
AAL105S

2 Turn off the power, and then unplug the power cable.

3 Remove the orange fastening tapes from the paper feed unit.

1

- 4** Place the paper feed unit where the printer is to be installed. Turn the adjusters on the back until they can turn no further.

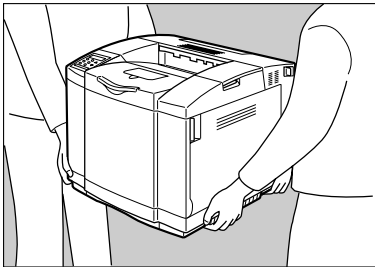


AAL1075

 **Note**

- There are two metal stabilizers attached to the machine's rear. Do not remove them.

- 5** Lift the printer using the inset grips on both sides of the printer.

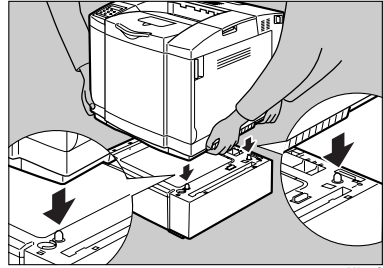


AAL1085

 **Important**

- The printer should always be lifted by at least two people.

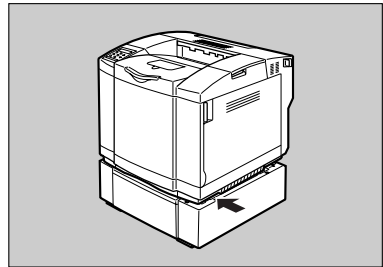
- 6** Align the printer's main unit with the positioning tabs on the paper feed unit, and then lower it slowly.



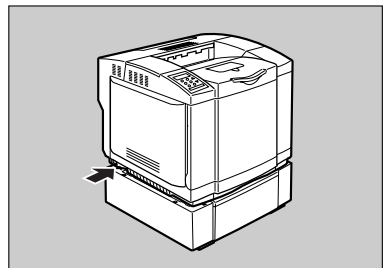
AAL1095

- 7** Fasten the printer and paper feed unit using the mounting brackets.

The printer and paper feed unit are fastened in two places: right front corner and left rear corner (as viewed from the front). The following explains fastening the printer and paper feed unit starting with the right front corner. For the left rear corner, they are fastened in the same manner.

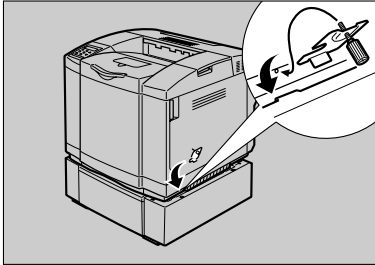


AAL1105



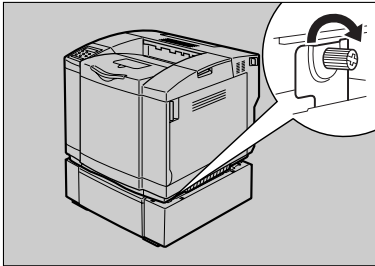
AAL1905

- 1 Insert the pin end of the mounting bracket between the printer and paper feed unit.



AAL111S

- 2 Tighten the knob of the mounting bracket.

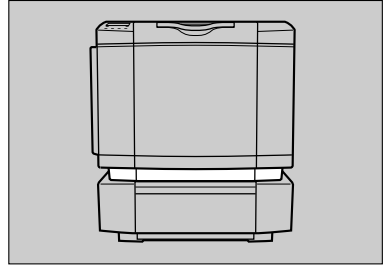


AAL112S

- 3 Attach the mounting bracket to the fastening site at the left rear corner using the same procedure described in steps 1 and 2.

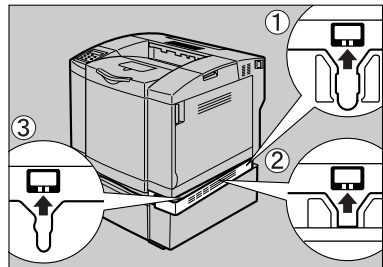
- 8 Attach the side covers between the printer and paper feed unit.

The side covers are attached at two places on the left and right sides (as viewed from the front). The following explains attaching the side cover on the right side. The left side cover is attached in the same manner.



AAL113S

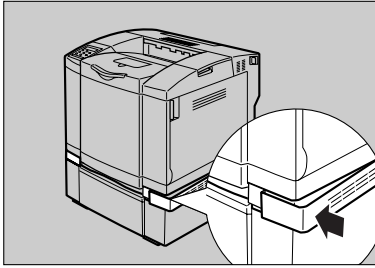
- 1 Align the three tabs on the right side of the printer with those on the side cover, and then insert the side cover between the printer and paper feed unit. At that moment, push in the tabs — starting from the back.



AAL115S

1

- ② Push in the front ends of the side covers.



AAL114S

- ③ The left side cover is attached using the same procedure described in steps ① and ②.

Note

- When moving the printer, remove the paper feed unit.
- After finishing installation, you can check whether the paper feed unit is installed properly. Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Optional Paper Tray 2" under the "Options" list.

Configuration Page	
System Reference	
Printer ID	Not Defined
Total Memory	128 MB
Firmware Version	Firmware[0.22 / Z0000003
Controller Option	Accounting Module
Printer Language	RPCS (3.1.3), PCL 5c (0,
Options	Optional Paper Tray 2

- If the paper feed unit is not installed properly, reinstall it from step ②. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see "Printing a Configuration Page", *Administrator Reference*.

See "Loading Paper", *Maintenance Guide*.

Important

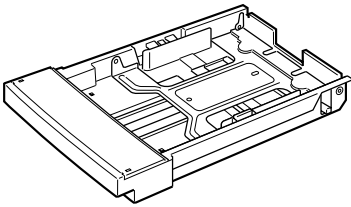
- Before use, adjust the printing position. For details, see "Adjusting the Tray Registration", *Maintenance Guide*.
- Before using the new paper feed unit, you must make settings in the printer driver.

Installing Paper Cassette Type 1000 (Legal Tray)

When using legal size paper, replace the Standard Tray (Tray 1) with the Legal Tray.

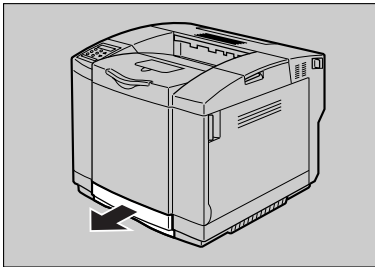
1 Check the contents of the package for the following:

- ◆ Paper Cassette Type 1000



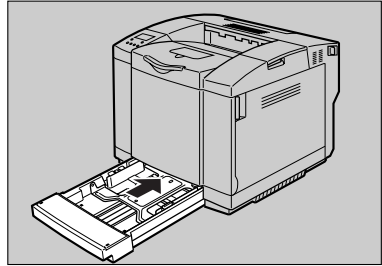
AAL007S

2 Pull the paper tray out slowly.



AAL255S

3 Install the Legal Tray.



AAL008S

Attaching AD460 (Duplex Unit)

1

⚠ CAUTION:

- Lifting the duplex unit carelessly or dropping it may cause injury.

⚠ CAUTION:

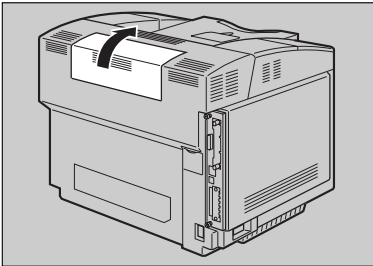
- The inside of this machine gets very hot. Do not touch parts labeled "△" (hot surface). Doing so could result in a burn.

1 Turn off the power, and then unplug the power cable.

2 Remove the orange fastening tapes from the duplex unit.

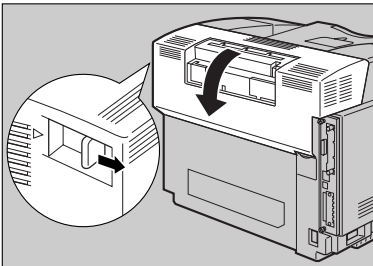
3 Remove the three covers on the back of the printer.

1 Remove the top cover first.



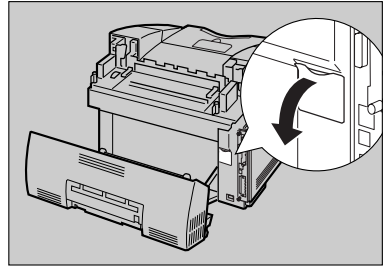
AAL118S

2 Pull the rear cover open lever, and then open the rear cover.



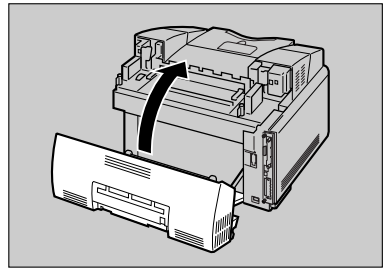
AAL119S

3 Remove the right side cover.



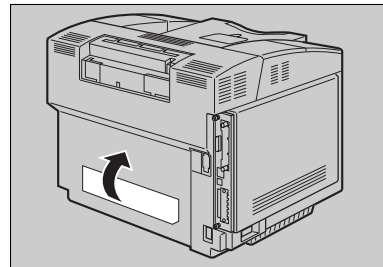
AAL320S

4 Close the rear cover slowly.



AAL321S

5 Remove the bottom cover.

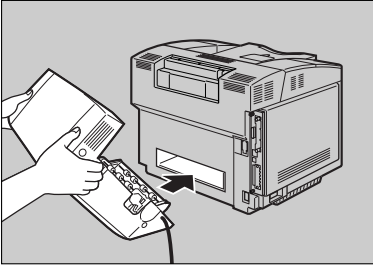


AAL120S

Note

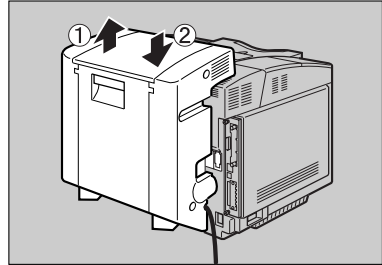
- The covers removed in steps **1-5** are not used when the duplex unit is installed.

- 4** Align the bottom of the duplex unit with the bottom of the back of the printer, and then push it into position.



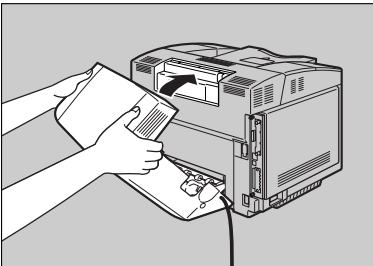
AAL124S

- 6** Lift the duplex unit slightly up holding its upper part (①), and then lower it on to the main unit (②).



AAL322S

- 5** Put the upper part of the duplex unit on the upper part of the main unit.

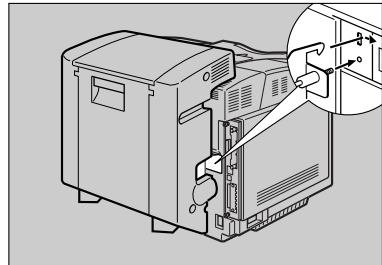


AAL121S

 **Note**

- Move the attached duplex unit gently left to right and back and forth to make sure it does not come off.

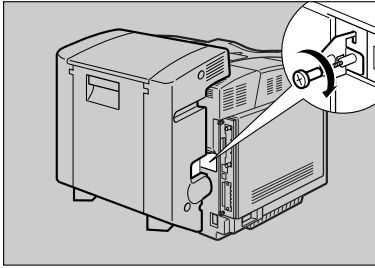
- 7** Insert the mounting bracket on the right side of the duplex unit into the hole in the right side on the back of the printer.



AAL125S

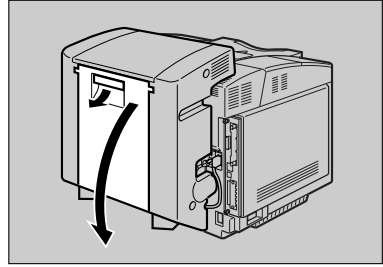
1

8 Tighten the mounting bracket screw.



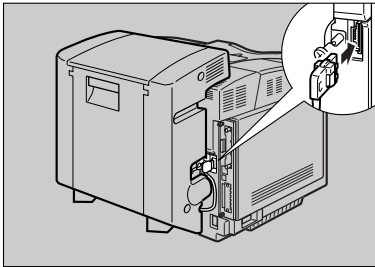
AAL126S

10 Pull the lever in the center of the duplex unit to open its rear cover.



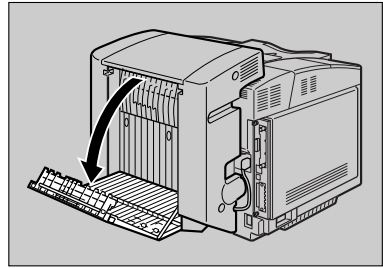
AAL128S

9 Plug the duplex unit cable into the connector on the printer.



AAL127S

11 Open the duplex unit's inside cover.



AAL129S

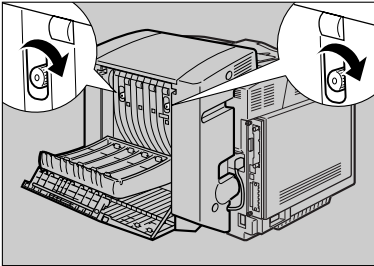
- 12** Tighten the green screws on the left and right sides at the top inside the duplex unit.

Important

- Tighten the green screws as far as possible. If the screws are not completely tightened, paper jams may occur.

Note

- Push against the screws to tighten them further. When the screw starts tightening, pull away the green part, and continue to tighten.



AAL1305

- 13** Close the duplex unit's inside cover.

- 14** Close the duplex unit's rear cover.

Note

- After finishing installation, you can check whether the duplex unit is installed properly. Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Duplex Unit" under the "Options" list.

Configuration Page	
System Reference	
Printer ID	Not Defined
Total Memory	128 MB
Firmware Version	Firmware[0.16 / Z
Controller Option	-
Printer Language	RPCS [3.0.9a], PC
Options	Duplex Unit

- If the duplex unit is not installed properly, reinstall it from step **11**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see "Printing a Configuration Page", *Administrator Reference*.

Important

- Before use, adjust the printing position. For details, see "Adjusting the Tray Registration", *Maintenance Guide*.
- Before using the duplex unit, you must make settings in the printer driver.

Installing Memory Unit Type C (SDRAM Module)

1

⚠ CAUTION:

- Do not touch the inside of the controller board compartment. It may cause a machine malfunction or a burn.

⚡ Important

- ❑ Before touching the memory unit, touch something metal to discharge any static electricity. Static electricity can damage the memory unit.
- ❑ Do not subject the memory unit to physical shocks.

🔧 Note

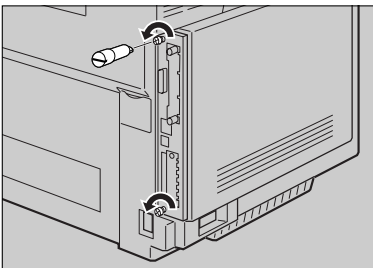
- ❑ If a hard disk drive is already attached, temporarily remove it and insert the SDRAM module. After inserting the SDRAM module, re-install the hard disk drive.

1 Turn off the power, and then unplug the power cable.

2 Loosen the two screws securing the controller board using the screwdriver provided.

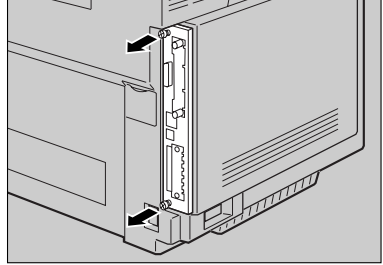
🔧 Note

- ❑ The screws cannot be fully removed.



AAL1315

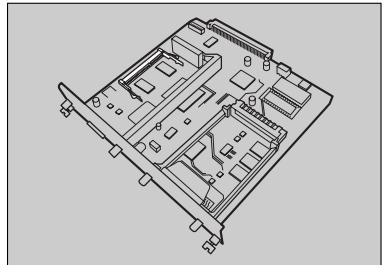
3 Remove the controller board holding the two screws loosened in step 2.



AAL1325

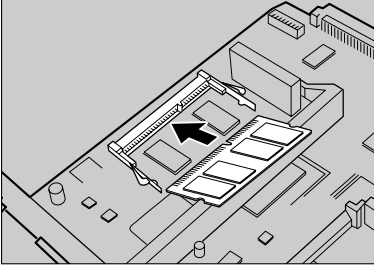
4 Place the controller board on a flat surface.

5 The memory unit is installed in the slot shown in the illustration below.



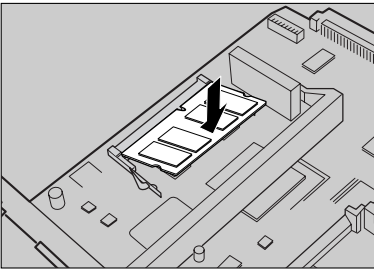
AAL1335

- 6** Align the notches in the SDRAM module terminal board with the slots, and then insert the SDRAM module at an angle.



AAL134S

- 7** Push down the SDRAM module until it snaps into position.

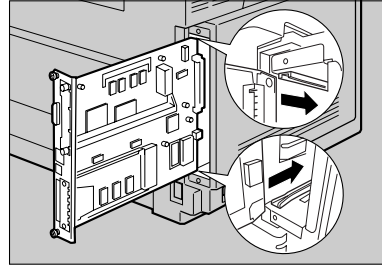


AAL135S

- 8** Align the controller board to the top and bottom rails, and then push in slowly until it stops.

 **Note**

- When installing other options on the controller board, do not close the controller board, but go to the steps for installing the option.

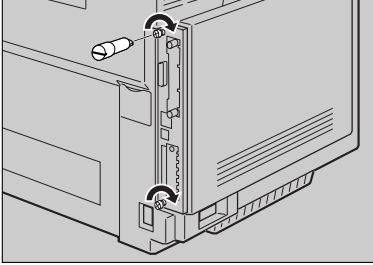


AAL136S

 **Important**

- The printer may not work properly if the controller board is not set properly.

- 9** Secure the controller board to the machine by tightening the top and bottom screws using the screwdriver provided.



AAL1375

Note

- After finishing installation, you can check whether the memory unit is installed properly. Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see the memory capacity for “Total Memory”.

Configuration Page	
System Reference	
Printer ID	Not-Defined
Total Memory	384 MB
Firmware Version	Firmware 0.16 / Z
Controller Option	-
Printer Language	RPCS [3.0.9a], PC
Options	-

- The table below shows SDRAM module total memory capacities.

Standard	Extended	Total
128 MB	64 MB	192 MB
	128 MB	256 MB
	256 MB	384 MB

- If the memory unit is not installed properly, reinstall it from step **1**. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see “Printing a Configuration Page”, *Administrator Reference*.

Important

- Before using the new memory unit, you must make settings in the printer driver.

Installing Hard Disk Drive Type 2600

⚠ CAUTION:

- Do not touch the inside of the controller board compartment. It may cause a machine malfunction or a burn.

⚡ Important

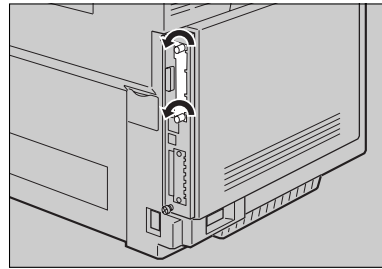
- ❑ Before touching the hard disk drive, touch something metal to discharge any static electricity. Static electricity can damage the hard disk drive.
- ❑ Do not subject the hard disk drive to physical shocks.

1 Turn off the power, and then unplug the power cable.

2 Remove the two screws, and then remove the cover of the hard disk drive installation unit.

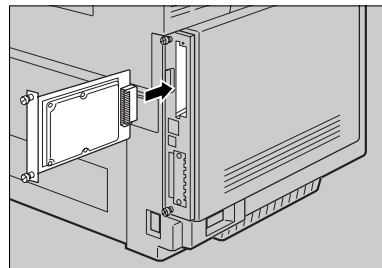
🔩 Note

- ❑ The removed cover is not used when installing the hard disk drive.



AAL138S

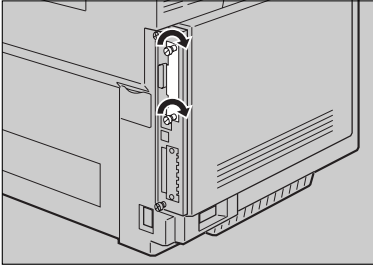
3 Fully insert the hard disk drive.



AAL140S

Push the hard disk drive fully in, and then check it is firmly connected to the controller board.

4 Fasten the hard disk drive using the screws



AAL1415

When the power is turned on, the hard disk drive will be formatted automatically.

Important

- ❑ Before using the new hard disk drive, you must make the settings in the printer driver.

Note

- ❑ After finishing installation, you can check whether the hard disk drive is installed properly. Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see “Printer Hard Disk Drive” for “Controller Option”.

Configuration Page	
System Reference	
Printer ID	Not Defined
Total Memory	128 MB
Firmware Version	Firmware 0.16 / Z0000003
Controller Option	Printer Hard Disk Drive
HDD:Font/Macro Download	Free Space 519029 KB
Printer Language	RPCS [3.0.9a], PCL 5c [0
Options	-

- ❑ If the hard disk drive is not installed properly, reinstall it from step 1. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see “Printing a Configuration Page”, *Administrator Reference*.

Installing IEEE 802.11b Interface Unit Type D

⚠ CAUTION:

- Do not touch the inside of the controller board compartment. It may cause a machine malfunction or a burn.

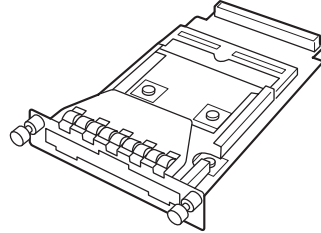
⚡ Important

- ❑ Before touching the 802.11b interface unit, touch something metal to discharge any static electricity. Static electricity can damage the 802.11b interface unit
- ❑ Do not subject the 802.11b interface unit to physical shocks.

1 Check the contents of the package for the following:

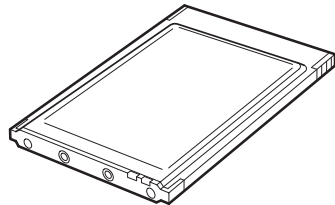
◆ IEEE 802.11b Interface Unit Type D

- Interface Unit



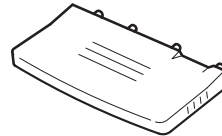
AAL151S

- Card



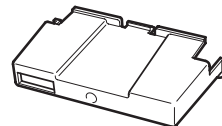
ZHBP420E

- Antenna



ZHBP430E

- Antenna Cap

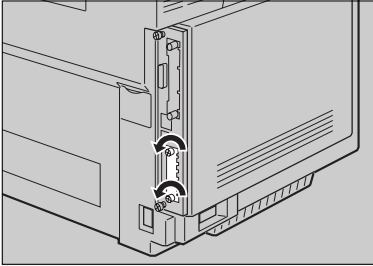


AAL888S

2 Turn off the power, and then unplug the power cable.

1

- 3** Loosen the two screws and remove the cover of the 802.11b interface unit installation unit.

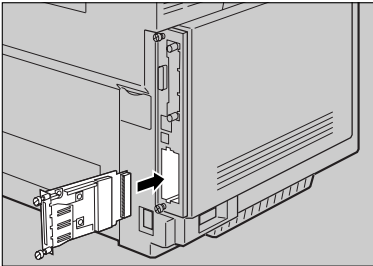


AAL1455

 **Note**

- The removed cover is not used when installing the interface unit.

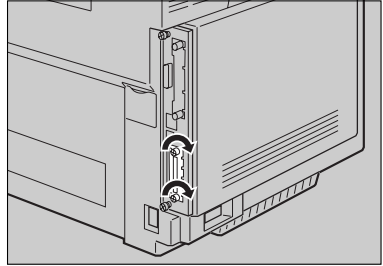
- 4** Fully insert the 802.11b interface unit.



AAL1525

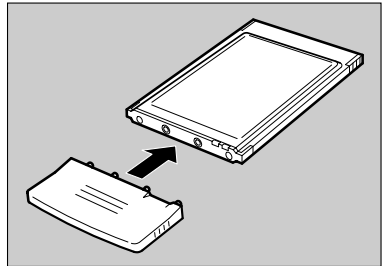
Confirm that the 802.11b interface unit is firmly connected to the controller board.

- 5** Tighten the two screws to secure the interface unit.



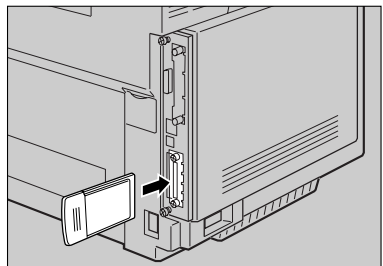
AAL1535

- 6** Attach the antenna to the card with the label facing down and the uneven side of the antenna facing up.



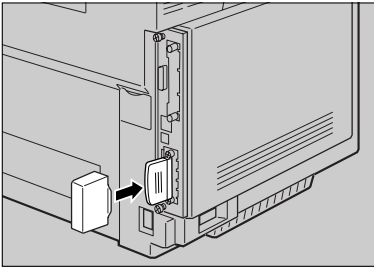
AAL1545

- 7** With the antenna and indented end toward you, slowly insert the card as far as possible into the interface unit.



AAL1555

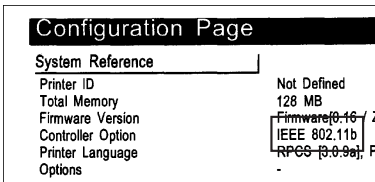
- 8** Hold the antenna cap with the cut off corners towards you and fit it over the card.



AAL1585

Note

- After finishing installation, you can check whether the 802.11b interface unit is installed properly. Print the configuration page from the “List/Test Print” menu. If it is installed properly, you will see “IEEE 802.11b” for “Controller Option”.



- If the 802.11b interface unit is not installed properly, reinstall it from step 2. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see “Printing a Configuration Page”, *Administrator Reference*.

IEEE 802.11b (Wireless LAN) Configuration

Configure the printer for using the IEEE 802.11b (Wireless LAN). The following table shows the control panel settings and their default values. These items are included in the “Host Interface” menu.

Setting Name	Default Value
Comm. Mode	802.11 Ad hoc
Channel	<ul style="list-style-type: none"> • Inch version (1-11) 11 • Metric version (1-13) 13
Trans. Speed	Auto
SSID	ASSID
WEP Setting	Not Active

Note

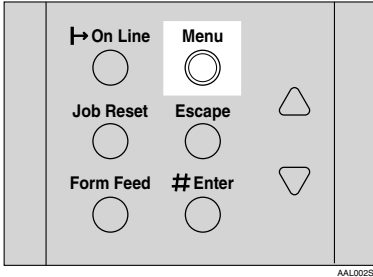
- In order to use the IEEE 802.11b (Wireless LAN), select “IEEE 802.11b” for “LAN Type” in “Network Setup” of the Host Interface menu, and then set “IP Address”, “Subnet Mask”, “Gateway Address”, “DHCP”, “Frame Type (NW)” and “Active Protocol” in the “Network Setup”. For more information about setting the items in the “Configuring the Printer for the Network”, see *Administrator Reference*.
- The IP address can be set using Web Image Monitor also. For details about using Web Image Monitor, see Web Image Monitor Help.
- It takes a while for the display to change after pressing the **[▲]** or **[▼]** key. To set a new IP address, press the **[▲]** or **[▼]** key - releasing immediately - and then make sure that the display changes.

1

Limitation

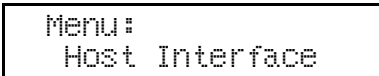
- The 802.11b interface unit cannot be used simultaneously with a standard ethernet interface.

1 Press **[Menu]** key.

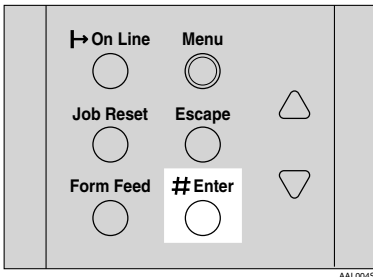


"Menu" appears on the panel display.

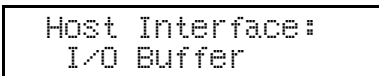
2 Press **[▲]** or **[▼]** key to display "Host Interface" menu.



3 Press **[# Enter]** key.



The following message appears on the panel display.



4 Press **[▲]** or **[▼]** key to display "IEEE 802.11b".



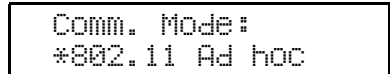
5 Press **[# Enter]** key.

Be sure that "Comm. Mode" appears on the panel display.



6 Press **[# Enter]** key.

The following message appears on the panel display.



7 Press **[▲]** or **[▼]** key to select the **[Comm. Mode]**.

Note

- The factory default is "802.11 Ad hoc".
- To use an IEEE 802.11b card for which the SSID (Network Name) setting is not necessary, select "Ad hoc".
- [Comm. Mode]** can also be set using a web browser. For details, see Web Image Monitor Help, and "Configuring the Network Interface Board Using Web Browser", *Administrator Reference*.

8 Press **[# Enter]** key.

The display returns to the previous menu in a few seconds.

- 9** If “802.11 Ad hoc” or “Ad hoc” is selected for “Comm. Mode”, set the channel to use for transmission.

 **Note**

- Confirm the network administrator for the channel to use.

- 1** Press **[▲]** or **[▼]** key to display “Channel”.

```
IEEE 802.11b:
Channel
```

- 2** Press **[# Enter]** key.

The channel currently used appears on the panel display.

```
Channel:
(1-11)  11
```

- 3** Press **[▲]** or **[▼]** key to enter the channel.

```
Channel:
(1-11)  10
```

- 4** Press **[# Enter]** key.

- 10** Set “Trans. Speed” in the same way.

 **Note**

- The factory default is “Auto”. If you need to change the transmitting speed depending on environment you are using, select the appropriate transmitting speed.

- 11** If “Infrastructure” or “802.11 Ad hoc” is selected for “Comm. Mode”, set SSID to use for transmission.

 **Note**

- Confirm the network administrator for SSID to use.

- SSID can also be set using a web browser. For details, see the Web Image Monitor Help, and “Configuring the Network Interface Board Using Web Browser”, *Administrator Reference*.

- 1** Press the **[▲]** or **[▼]** key to display “SSID”, and then press the **[# Enter]** key.

```
IEEE 802.11b:
SSID
```

The following message appears on the panel display.

```
SSID:
Enter ID
```

 **Note**

- The factory default is “ASSID”.
- If an SSID has been set, you can check the set SSID. Press the **[▲]** or **[▼]** key to display “View”, and then press the **[# Enter]** key.
- If SSID is not set, “SSID not entered” appears.

1

2 Press the **[# Enter]** key.

The following message appears on the panel display.

```
SSID:
```

Note

- The value in brackets at the upper right is the number of characters entered.

3 Press the **[▲]** or **[▼]** key to select characters, and then press the **[# Enter]** key.

```
SSID:
A
```

You can now enter the next character.

```
SSID:
A
```

4 Continue entering the key.**Note**

- The characters that can be used are ASCII 0x20-0x7e (32 bytes).
- To display the previous character, press the **[Escape]** key.

5 After entering the key, press the **[# Enter]** key twice.

```
SSID:
AAAAAAAAAAAAAAAAAAAA
```

The screen returns to step **11-1**.

12 In the case of using a WEP key on a network, activate the WEP setting to be used for communication along with WEP.**Note**

- Confirm the network administrator for the WEP Key to use.
- WEP key can also be set using a web browser. For details, see Web Image Monitor Help.

1 Press the **[▲]** or **[▼]** key to display “WEP Setting”.

```
IEEE 802.11b:
WEP Setting
```

2 Press the **[# Enter]** key.

```
WEP Setting:
*Not Active
```

3 Press the **[▲]** or **[▼]** key to display “Active”, and then press the **[# Enter]** key.

```
WEP Setting:
Active
```

The following message appears on the panel display.

```
Change WEP Key:
Yes (HEX)
```

Note

- When setting the WEP Setting to “Active”, you will need to enter the WEP key. If you have not entered the key, be sure to enter it.
- If you have entered the WEP key and change the setting, press the **[▲]** or **[▼]** key to display “No”, and then press the **[# Enter]** key.

- 4 Press **[▲]** or **[▼]** key to display **[Yes (HEX)]** when inputting a hexadecimal WEP key or **[Yes (ASCII)]** when inputting an ASCII WEP key. Then press **[# Enter]** key.

```
WEP Key:      [ 0 ]
```

 **Note**

- The value in brackets at the upper right is the number of characters entered.

- 5 Press the **[▲]** or **[▼]** key to select characters, and then press the **[# Enter]** key.

```
WEP Key:      [ 1 ]
0
```

You can now enter the next character.

```
WEP Key:      [ 1 ]
0
```

- 6 Continue entering the key.

 **Note**

- When using 64 bit WEP, up to 10 characters can be used for hexadecimal and up to five characters for ASCII. When using 128 bit WEP, up to 26 characters can be used for hexadecimal and up to 13 characters for ASCII.
- The number of characters that can be entered is limited to 10 or 26 for hexadecimal and 5 or 13 for ASCII. If you try to enter too many characters, the following message appears:

- hexadecimal

```
Error: Enter 10
or 26 characters
```

- ASCII

```
Error: Enter 5
or 13 characters
```

- For ASCII character strings, each capital letter and lower-case letter is recognized respectively.
- To display the previous character, press the **[Escape]** key.

- 7 After entering the key, press the **[# Enter]** key.

```
WEP Key:      [26]
0000000000000000
```

The screen returns to step 12-1.

- 13 Press **[On Line]** key.

"Ready" appears on the panel display.

```
Ready
```

- 14 Print a configuration page to confirm the settings made.

 **Reference**

For printing the configuration page, see "Printing a Configuration Page", *Administrator Reference*.

Installing Bluetooth Interface Unit Type 2238

1

⚠ CAUTION:

- Do not touch inside the controller board compartment. It may cause a machine malfunction or a burn.

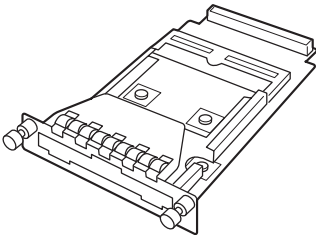
⚡ Important

- ❑ Before manipulating the Bluetooth interface unit, touch any metal thing to discharge static electricity. Static electricity thing damage the Bluetooth interface unit.
- ❑ Do not subject the Bluetooth interface unit to physical shocks.

1 Check the contents of the package for the following:

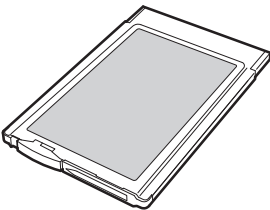
◆ Bluetooth Interface Unit Type 2238

- Interface Unit



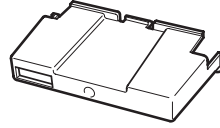
AAL151S

- Card



ZHP6510E

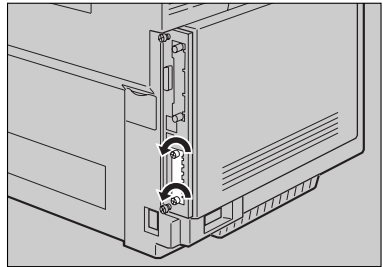
- Antenna Cap



AAL888S

2 Turn off the power, and then unplug the power cable.

3 Loosen the two screws and remove the cover of the Bluetooth interface unit installation unit.

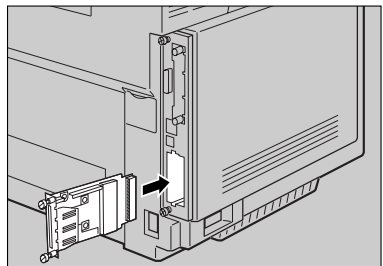


AAL145S

🔧 Note

- ❑ The removed cover is not used when installing the interface unit.

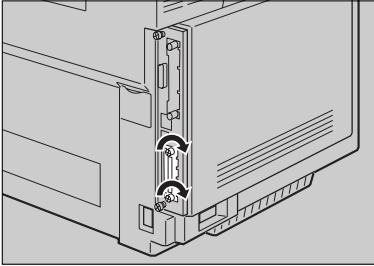
4 Fully insert the Bluetooth interface unit.



AAL152S

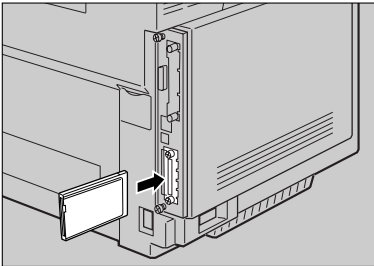
Confirm that the interface unit is firmly connected to the controller board.

- 5** Tighten the two screws to secure the interface unit.



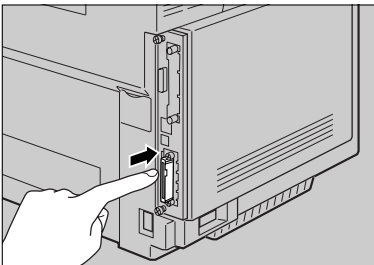
AAL1535

- 6** With the "INSERT" side facing you, slowly insert the card into the Bluetooth interface unit until it stops.



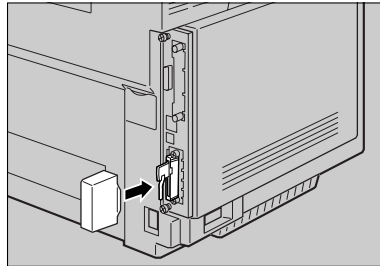
AAL1645

- 7** Press the antenna to extend it.



AAL1675

- 8** Hold the antenna cap with the cut off both corners towards you and fit it over the card.



AAL1705

1

Note

- After finishing installation, you can check whether the Bluetooth interface unit is installed properly. Print the configuration page from the "List/Test Print" menu. If it is installed properly, you will see "Bluetooth" for "Controller Option".

Configuration Page	
System Reference	
Printer ID	Not Defined
Total Memory	128 MB
Firmware Version	Firmware 0.16
Controller Option	Bluetooth
Printer Language	RPCS [3.0.9a]
Options	-

- If the Bluetooth interface unit is not installed properly, reinstall it from step 2. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.

Reference

For printing the configuration page, see "Printing a Configuration Page", *Administrator Reference*.

Installing Network Data Protection Unit Type A

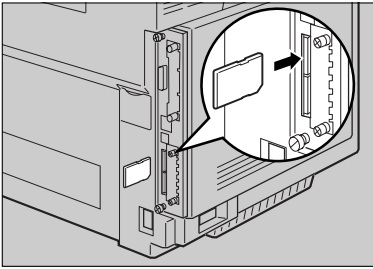
1

Important

- Protect the network data protection unit from physical shocks.

1 Turn off the power, and then unplug the power cable.

2 Insert the network data protection unit until it clicks into the card slot on the controller board at the back of the main unit.



AAL175S

Note

- Do not touch the network data protection unit while the machine is in use. It may come off even if pushed only slightly.

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MEMO

MEMO

MEMO

Model number: G108-17
Printed in Japan
EN (USA) G108-8614