Installation Procedure

Canon BW
Printer Kit-G2

Canon

Feb 21 2005

Application

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Caution

Use of this manual should be strictly supervised to avoid disclosure of confidential information.

Symbols Used

This documentation uses the following symbols to indicate special information:

Symbol	Description
	Indicates an item of a non-specific nature, possibly classified as Note, Caution, or Warning.
	Indicates an item requiring care to avoid electric shocks.
	Indicates an item requiring care to avoid combustion (fire).
	Indicates an item prohibiting disassembly to avoid electric shocks or problems.
	Indicates an item requiring disconnection of the power plug from the electric outlet.
Memo	Indicates an item intended to provide notes assisting the understanding of the topic in question.
REF.	Indicates an item of reference assisting the understanding of the topic in question.
	Provides a description of a service mode.
	Provides a description of the nature of an error indication.

The following rules apply throughout this Service Manual:

1. Each chapter contains sections explaining the purpose of specific functions and the relationship between electrical and mechanical systems with reference to the timing of operation.

   In the diagrams, ▬▬ represents the path of mechanical drive; where a signal name accompanies the symbol , the arrow ⟶ indicates the direction of the electric signal.

   The expression "turn on the power" means flipping on the power switch, closing the front door, and closing the delivery unit door, which results in supplying the machine with power.

2. In the digital circuits, '1'is used to indicate that the voltage level of a given signal is "High", while '0' is used to indicate "Low".(The voltage value, however, differs from circuit to circuit.) In addition, the asterisk (*) as in "DRMD*" indicates that the DRMD signal goes on when '0'.

   In practically all cases, the internal mechanisms of a microprocessor cannot be checked in the field. Therefore, the operations of the microprocessors used in the machines are not discussed: they are explained in terms of from sensors to the input of the DC controller PCB and from the output of the DC controller PCB to the loads.

The descriptions in this Service Manual are subject to change without notice for product improvement or other purposes, and major changes will be communicated in the form of Service Information bulletins.

All service persons are expected to have a good understanding of the contents of this Service Manual and all relevant Service Information bulletins and be able to identify and isolate faults in the machine."

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Chapter 1 Installation Procedure

1.1 Points to Note About Installation

1.1.1 Precaution for installation

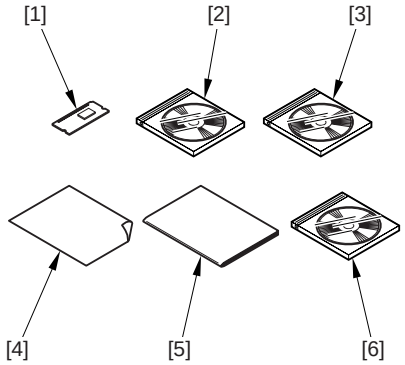
0009-2235

To install the Kit, you will need a separately available expansion RAM (256 MB).

1.2 Checking components

1.2.1 Checking the Contents

0009-2020



F-1-1

[1] Boot ROM.....1 pc.
[2] User Software CD-ROM Unit
(English, French, German, Italian, Spanish).....1 pc.
[3] N/W ScanGear CD-ROM
(English, French, German, Italian, Spanish) .....1 pc.
[4] Release Note (English, French, German, Italian).....1 pc.
[5] N/W Quick Start Guide (English, French, German, Italian)...1 pc.
[6] User's Manual CD-ROM (English, French, German, Italian)....1 pc.

1.3 Installation procedure

1.3.1 Installation

0009-2019

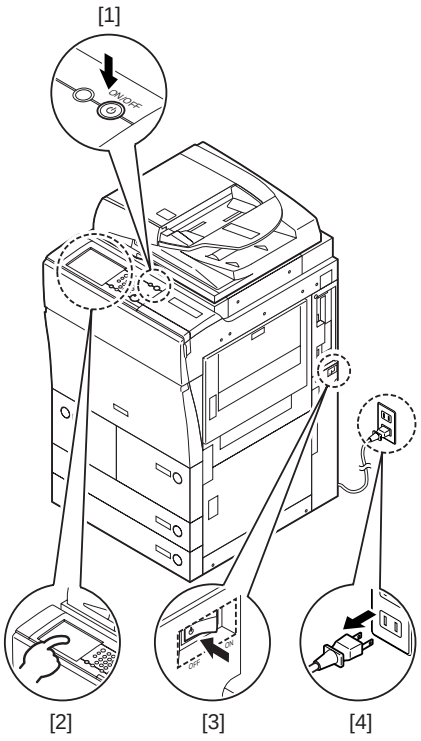
1. Turning Off the iR Machine

⚠

Turning Off the Main Power

When turning off the main power, be sure to go through the following in strict sequence to protect the machine's hard disk:

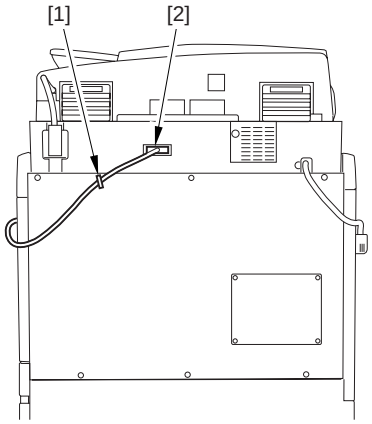
1. Hold down on the power switch on the control panel for 3 sec or more.
2. Operate on the touch panel according to the shut-down sequence indicated so that the main power switch may be turned off.
3. Turn off the main power switch.
4. Disconnect the power cable (for the power outlet).



F-1-2

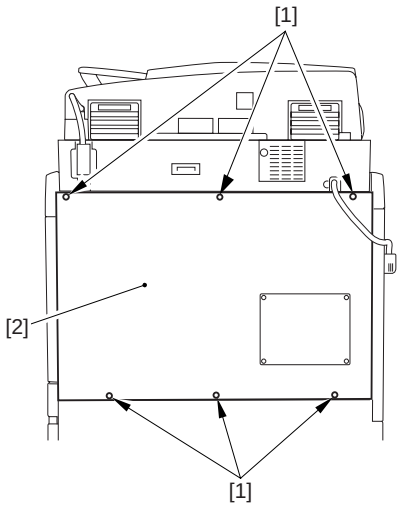
2. Installation

1) Open the cable clamp [1], and detach the reader communication cable [2].



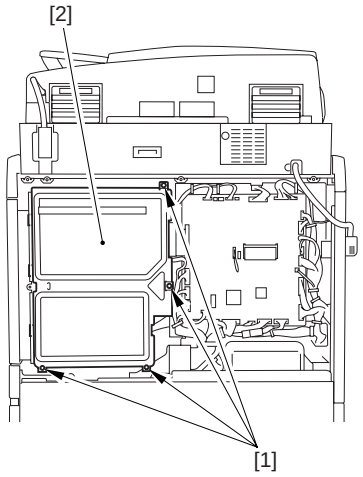
F-1-3

2) Remove the 6 screws [1], and detach the upper rear cover [2].



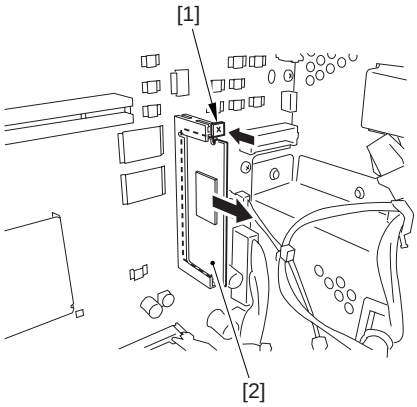
F-1-4

3) Remove the 4 screws [1], and detach the main controller box cover [2].



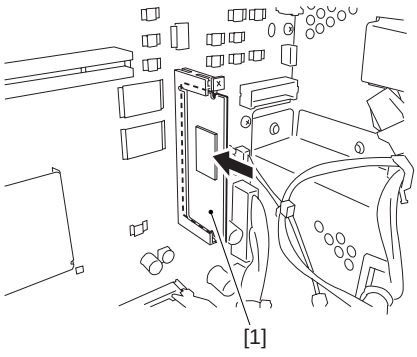
F-1-5

4) Push the locking lever [1], and remove the boot ROM [2].



F-1-6

5) Fit the included boot ROM [1] in place.



F-1-7

6) Attach the main controller box cover using 4 screws.

7) Attach the upper rear cover using 6 screws.

8) Pass the reader communication cable through the cable clamp, and close the cable clamp.

9) Connect the reader communication cable.

10) Connect the machine's power cable (for the power outlet).

11) Turn on the main power switch.

3. Checking the Installation

Make the following selections in service mode, and check the state of the following bit: COPIER > ACC-STS > PDL-FNC1.

1x1x xxxx xxxx xxxx (0: OFF, 1: ON)

In the case of the PDL-FNC1, bits 31 through 16 are indicated.

Check to be sure that the following bits are '1': 31, 29.

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