

Installation Procedure

Finisher, Sorter, DeliveryTray Inner 2 Way Tray-C1

Canon

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

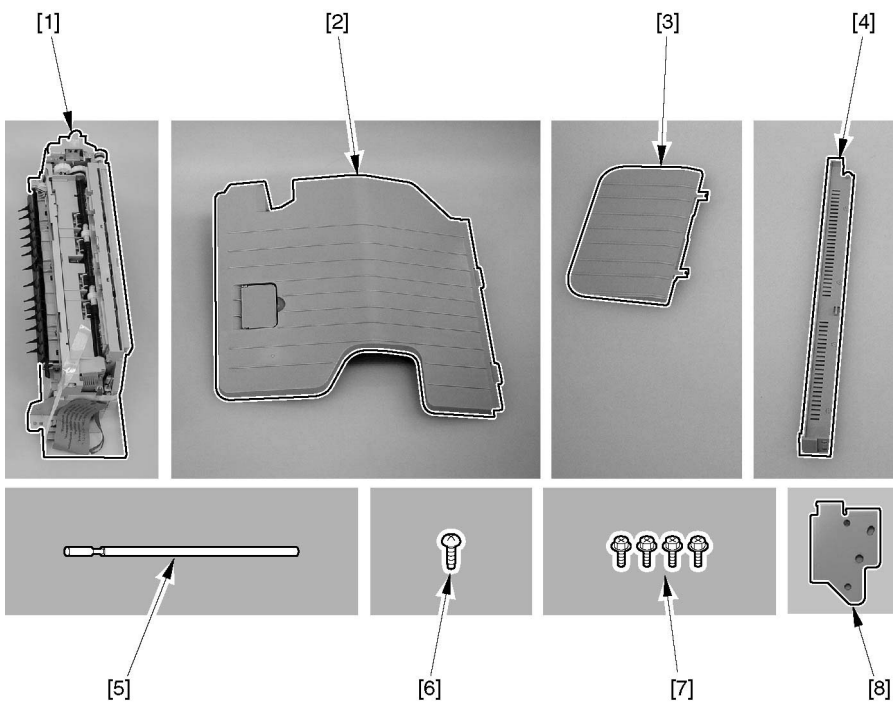
1.1 Unpacking and Chacking the Components

1.1.1 Unpacking and Checking the Components

0004-4036

! If you are planning to install a side paper deck at the same time, install the inner 2-way first whenever possible.

Open the shipping box, and check to make sure that none of the following is missing:



F-1-1

T-1-1

[1]	Inner 2-way tray	1 unit
[2]	Inside delivery tray	1 pc.
[3]	Reversing guide	1 pc.
[4]	Inside upper cover	1 pc.
[5]	Joint pin	1 pc.
[6]	Self-tapping screw	1 pc.
[7]	RS tightening screw	4 pc.
[8]	Connecting Sheet Metal	1 pc.

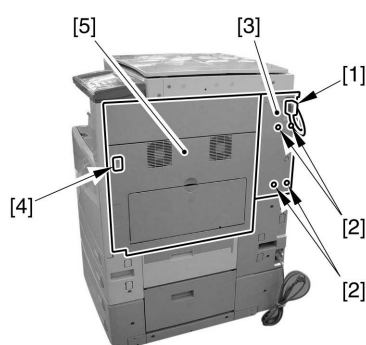
1.2 Installation Procedure

1.2.1 Removing Covers and the Right Door

0004-4110

- 1) Disconnect the reader power cable [1]; then, remove the 4 screws [2], and detach the right rear cover [3].
- 2) Push the button [4], and open the right door [5].

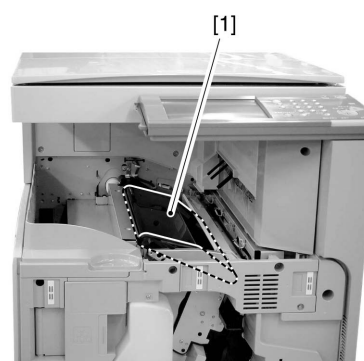
⚠ The right door is opened to prepare for the work that starts in step 7).



F-1-2

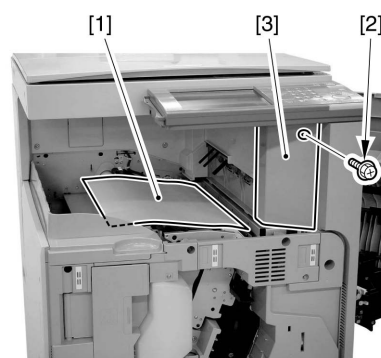
- 3) Open the front cover [1].
- 4) Loosen the 2 screws [2], and detach the delivery tray [3].

⚠ When detaching the delivery tray, take care not to damage the intermediate transfer belt [1].



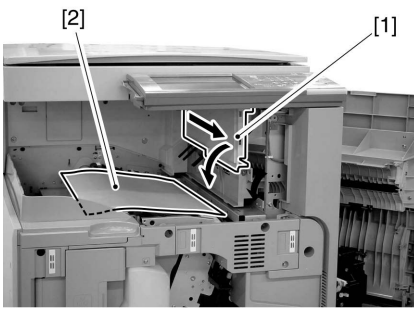
F-1-3

- 5) Place paper [1] (1 sheet for A3; or 2 to 3 sheets of A4) on the intermediate transfer belt to cover the belt.
 - 6) Remove the screw [2], and detach the support cover [3].
- Remove the blanking sheet if it is placed on the screw hole. The sheet will be reused.



F-1-4

- 7) Shift down the inside right cover [1] to the left to detach.
- The removed inside right cover will no longer be used.
- 8) Detach the paper [2] from the intermediate transfer belt.



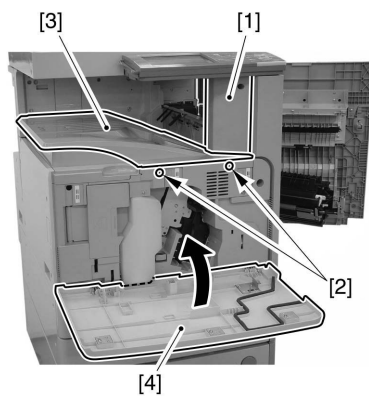
F-1-5

9) Mount the support cover [1].

⚠ Here, do not tighten the screw. Leave it as it is until step 13) of 'Mounting the Covers and Right Door.'

10) Using 2 screws [2], mount the delivery tray [3].

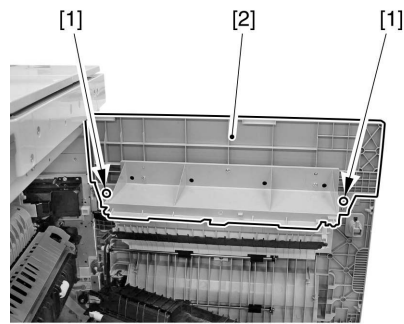
11) Close the front cover [4].



F-1-6

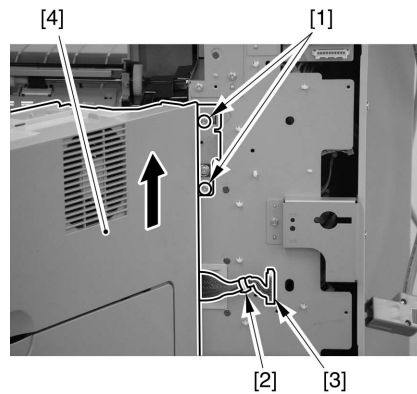
12) Remove the 2 self-tapping screws [1], and detach the right cover [2].

The 2 removed self-tapping screws and right cover will no longer be used.



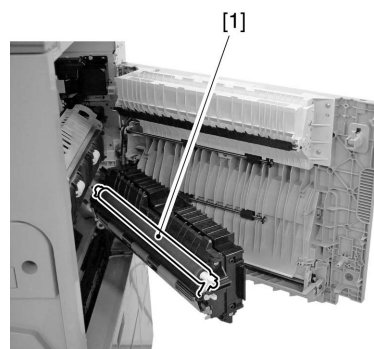
F-1-7

13) Remove the 2 screws [1] and the reusable band [2], and disconnect the connector [3]; then, lift the right door [4] to detach.



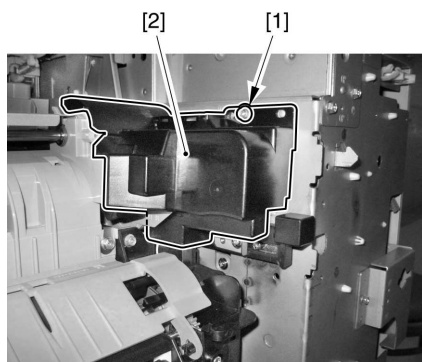
F-1-8

⚠ When detaching the right door, take care not to touch the secondary transfer external roller [1].



F-1-9

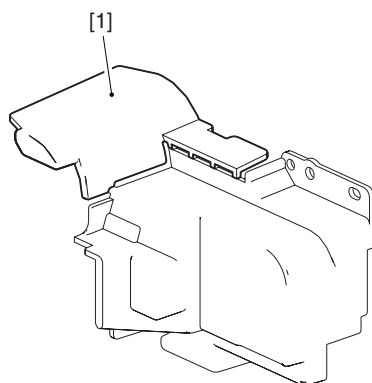
- 14) Remove the screw [1], and detach the fixing connector cover [2].



F-1-10

- 15) Cut off the dressing area [1] of the fixing connector cover using nippers [2].

The removed dressing area will no longer be used.



F-1-11

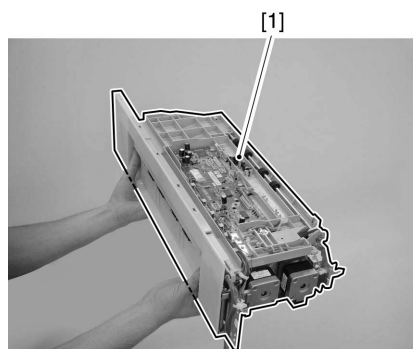
⚠ Be sure no piece of the dressing area remains on the fixing connector cover.

- 16) Attach the fixing connector cover.

1.2.2 Mounting the Inner 2-Way Tray-C1

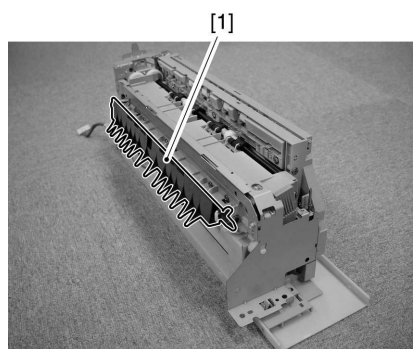
0004-4151

- 1) Take out the inner 2-way tray from its plastic bag. Be sure to hold the inner 2-way tray [1] as shown in the figure.



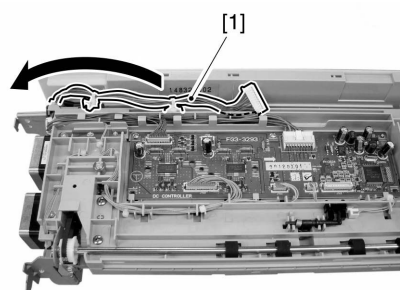
F-1-12

⚠ When holding the inner 2-way tray, be sure to pay attention to the No. 1 delivery flapper [1] at the bottom.



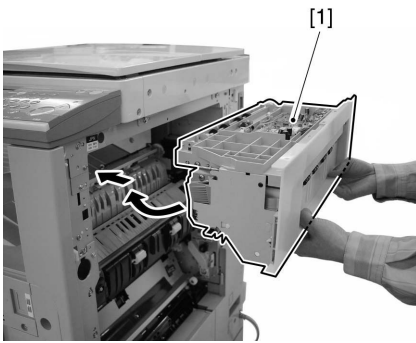
F-1-13

- 2) Remove all packing type from the inner 2-way tray.
3) Bring the harness [1] to the right side of the relay delivery unit.



F-1-14

- 4) Fit the inner 2-way tray [1] to the host machine.

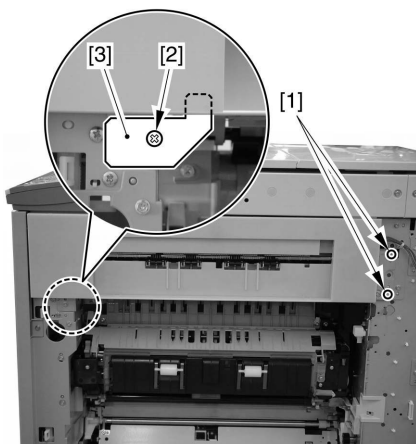


F-1-15

5) Temporary fix the 2 screws [1] included in the package.

6) Remove the screw [2], and detach the sheet metal [3].

The removed screw and sheet metal will not be used.

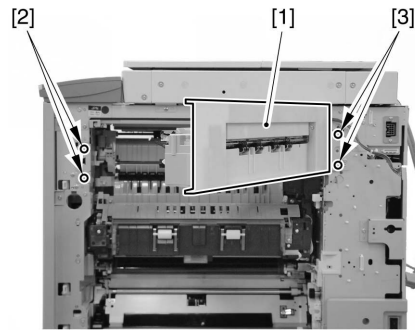


F-1-16

7) Open the inner 2-way tray [1], and fix it with the 2 screws [2] included in the package.

8) Fully tighten the 2 screws [3] temporarily tightened in step 21).

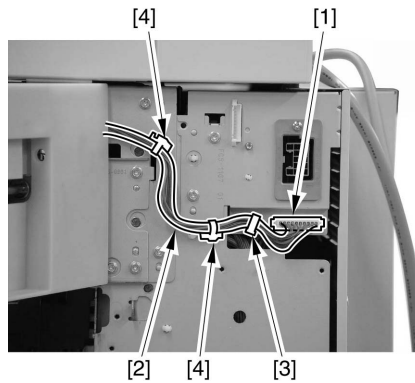
9) Close the inner 2-way tray [1].



F-1-17

10) Connect the connector [1] to the host machine.

11) Route the harness [2] through the cable clamp [3]; then, fit the 2 reusable bands [4] into the holes.

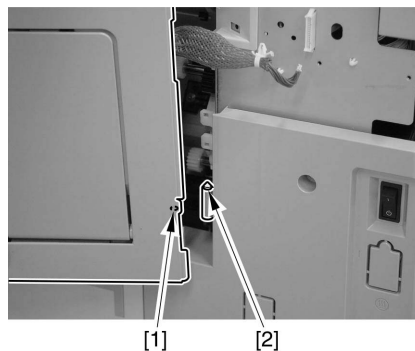


F-1-18

1.2.3 Mounting the Covers and the Right Door

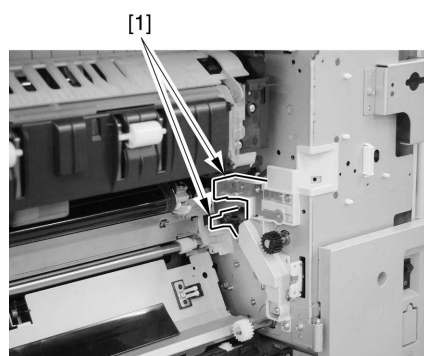
0004-4240

1) Match the hole [1] in the bottom of the right door and the pin [2]; then, fit the bottom of the right door in place.



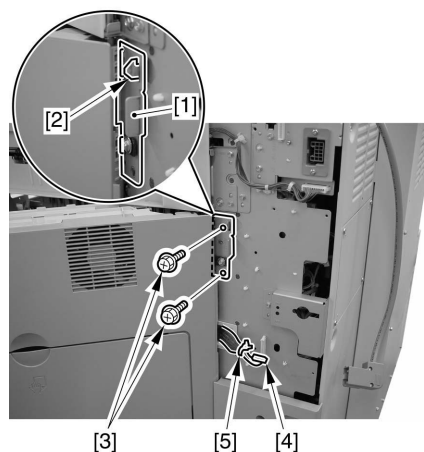
F-1-19

⚠ When doing so, be sure to take care not to break the high-voltage contact [1] for the secondary transfer external roller.



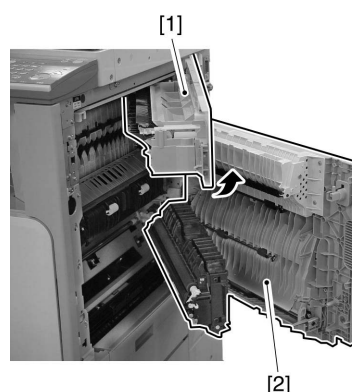
F-1-20

- 2) Fit the mounting plate [1] of the top of the right door in place by matching it against the hook [2].
- 3) Using 2 screws [3], secure the mounting plate [1] in place.
- 4) Fit the connector [4] and the reusable band [5].



F-1-21

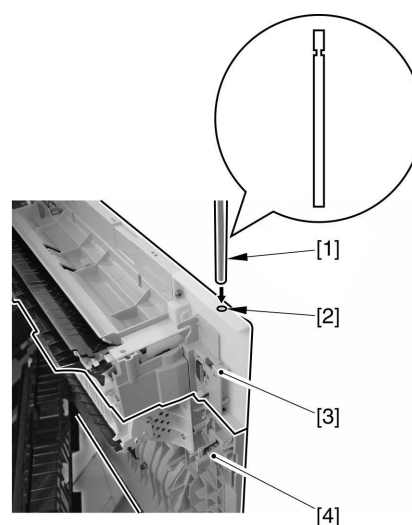
- 5) Open the inner 2-way tray [1].
- 6) Lift the inner 2-way tray [1], and position it against the right door [2].



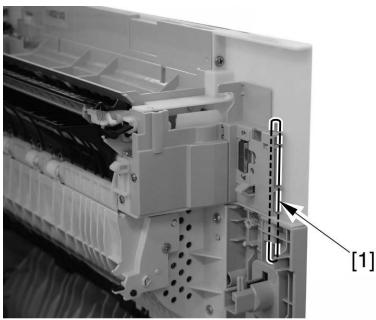
F-1-22

⚠ When positioning the inner 2-way tray, be sure to take care so that it will not be displaced upward of its correct position.

- 7) Push in the pin [1] through the hole [2] until it stops; then, connect the right door [4] and the inner 2-way tray [3].

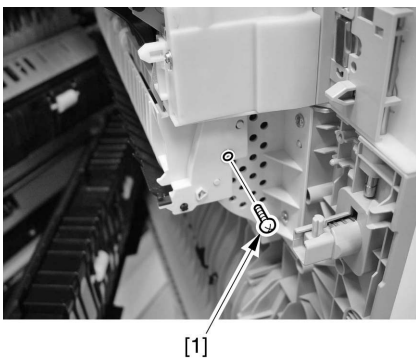


F-1-23



F-1-24

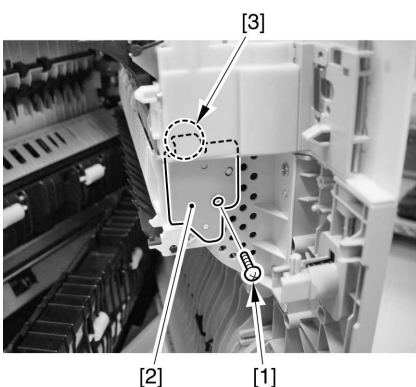
8) Remove the screw [1].



F-1-25

9) Attach the connecting sheet metal [2] with the screw [1] removed at step 35.

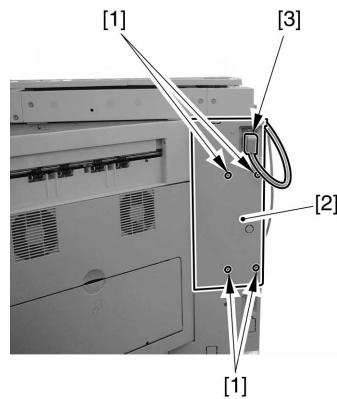
⚠ Check to make sure that the projection [3] of the connecting sheet metal is attached to the hole.



F-1-26

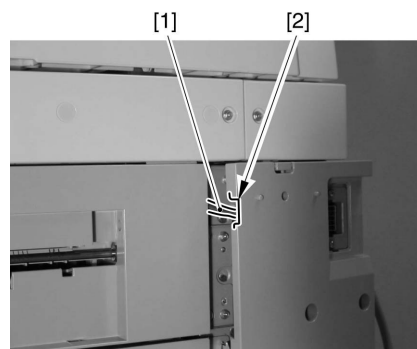
10) Using 4 screws [1], mount the rear right cover [2];

then, connect the reader power cable [3].



F-1-27

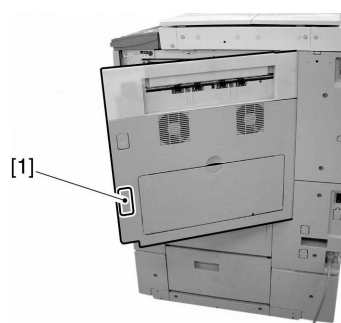
⚠ Take full care not to trap the harness [1] by the cut-off [2] of the right cover (upper right).



F-1-28

11) Close the right door.

⚠ To close the right door, push the area [1] indicated in the figure.

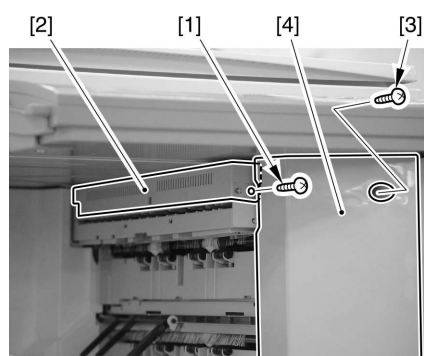


F-1-29

12) Attach the inner upper cover [2] with the self-tapping screw [1] included in the package.

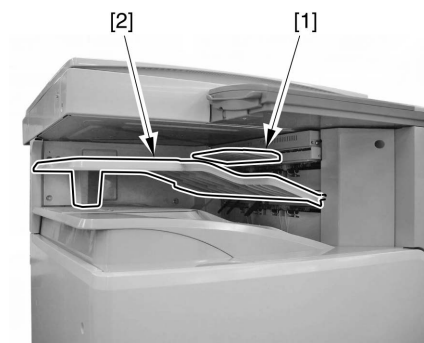
13) Using a screw [3], mount the support cover [4].

⚠ Attach back the blanking sheet if it is originally placed on the screw hole.



F-1-30

14) Mount the reversing guide [1] and the inside delivery tray [2].




F-1-31

1.3 Checking the Operation

1.3.1 Checking the Operation

0004-4213

- 1) Connect the power cable (to the power outlet).
 - 2) Turn on the main power switch.
 - 3) To suit the user's needs, set up the special tray; then, check the operation.
-

 When setting up the No. 3 delivery assembly (delivery to the host machine's right side), be sure to make settings while the machine is fitted with a Copy Tray-J1.
After installation of the Copy Tray-J1 is completed, set the service mode, COPIER>OPTION>ACC>OUT-TRAY, to 1.

The inner 2-way tray-C1 has been installed.

Nov 13 2003

