

Paper Deck-P1 Installation Procedure

Go through the steps in this booklet when installing the machine to its host machine.

1. Selecting the Site

Be sure there will be enough space for work, e.g., jam removal.

Also, avoid an area where the floor cannot keep the machine and its host machine on a level surface (because of a step or slope).

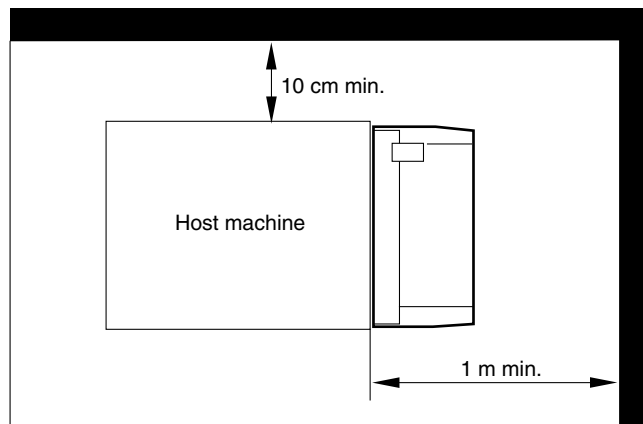


Figure 1-1

2. Before Starting the Work

Be sure of the following before starting to connect the machine to its host machine:

- The power plug of the host machine is disconnected.
- The host machine and the pedestal have properly been installed.
- If you are installing a Saddle Finisher-N2/Finisher-N1 at the same time, install this machine first.
- If a Saddle Finisher-N2/Finisher-N1 has already been installed, detach it temporarily.

3. Checking the Contents

- A. Unpacking the Shipping Box
 - 1) Squeezing the tabs [2] found inside the handhold used to keep the shipping box [1] in place, pull out the handhold [3] toward the front. (4 locations)
 - 2) Lift the shipping box to detach.

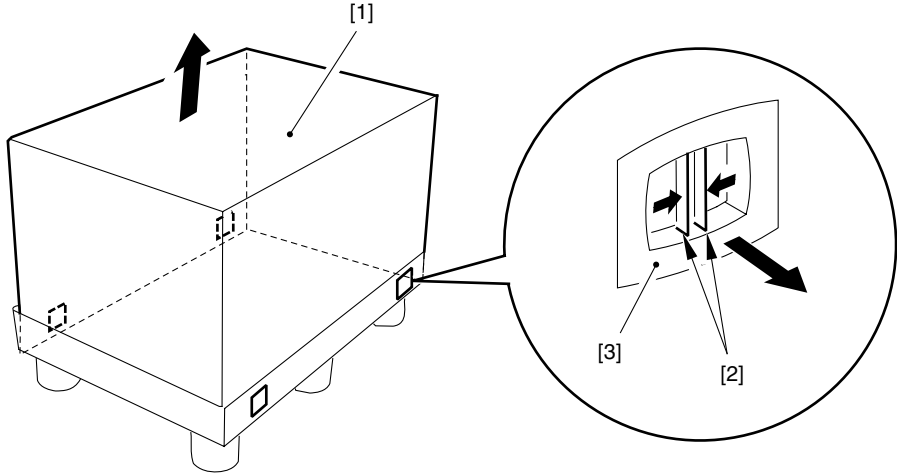


Figure 3-1

B. Checking the Contents

Unpack the shipping box, and check to make user that none of the following is missing:

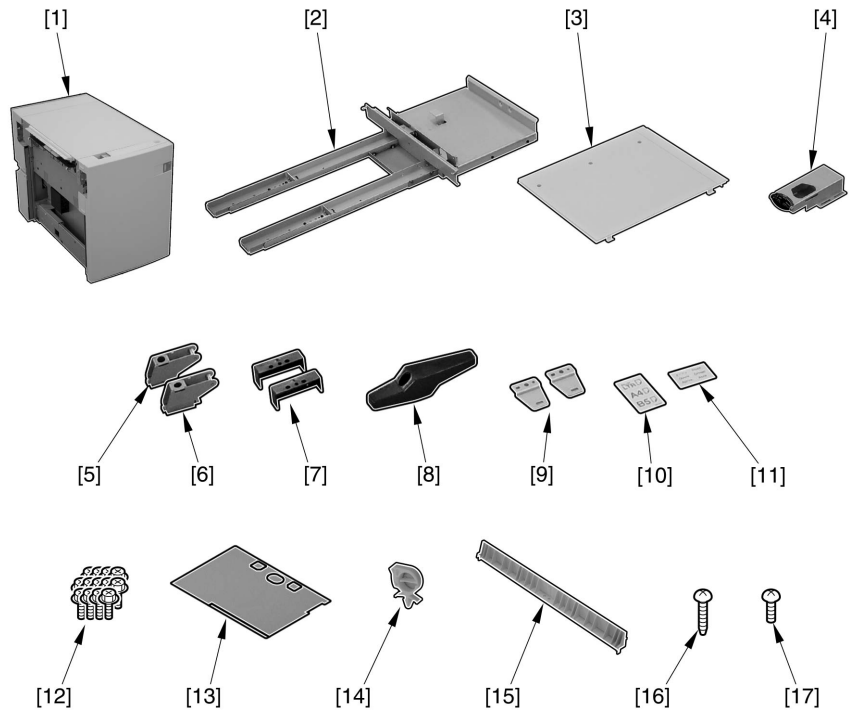


Figure 3-2

[1] Paper deck	1 unit	[10] Paper Size label	1 pc.
[2] Deck mounting base	1 pc.	[11] Open label	1 pc.
[3] Right cover	1 pc.	[12] RS tightening screw (M4×8)	15 pc.
[4] Block support plate	1 pc.	[13] Lifter plate sheet (only if A4 machine)	1 pc.
[5] Latch plate (for front)	1 pc.	[14] Cable clamp	1 pc.
[6] Latch plate (for rear)	1 pc.	[15] Guide plate	1 pc.
[7] Base protective cover	2 pc.	[16] Self-tapping binding screw (M4x10)	1 pc.
[8] Slope guide	1 pc.	[17] Binding screw (M4x8; black)	1 pc.
[9] Fastener	2 pc.		

4. Installation



Be sure to perform the following steps in sequence before starting the installation work on the host side:

1. Turn off the control panel power switch.
2. Turn off the main power switch.
3. Disconnect the power cable (for the outlet).

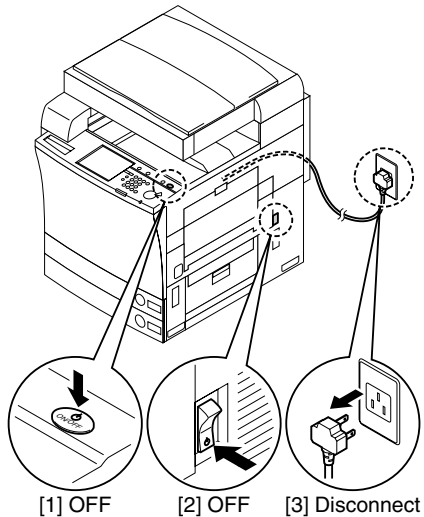


Figure 4-1

- 1) Using the tip of a flat-blade screwdriver, detach the 2 face plates [1] from the right side of the host machine. (The plates will no longer be used.)

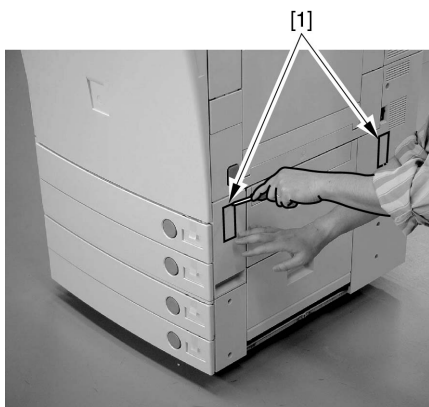


Figure 4-2

- 2) Where you have detached the face plates, attach the latch plate (front) [2] and the latch plate (rear) [3] using 2 screws each [1] that come with the machine.



These latch plates are more or less identical in shape. Be sure to identify them by referring to the markings (F for front; R for rear).

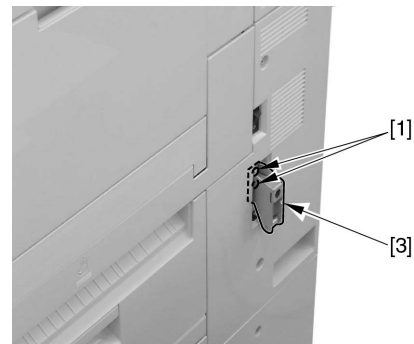
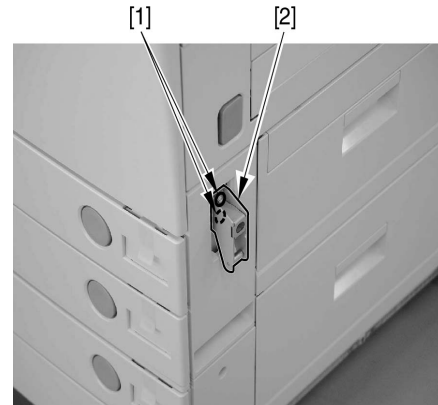


Figure 4-3

- 3) Open the right cover [1] of the host machine, and detach the guide plate [2]. (The plate will no longer be used.)



The guide plate is fitted by means of tabs on both sides; to remove, try pushing up the tabs using the tip of a flat-blade screwdriver.)

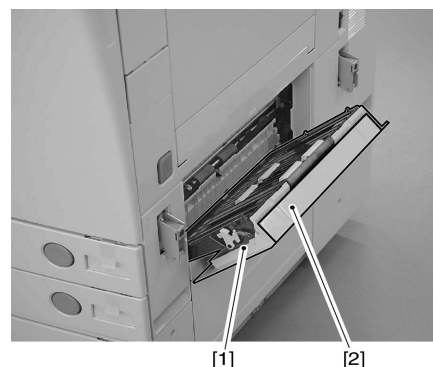


Figure 4-4



Figure 4-5

- 4) Close the right cover of the host machine.
- 5) Remove the screw [1] from the lower right of the pedestal, and detach the face plate [2]. (The plate will no longer be used.)

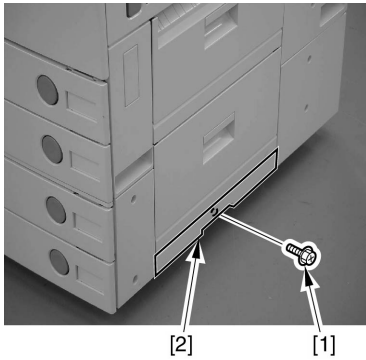


Figure 4-6

- 6) Open the right cover [1] of the pedestal; then, remove the 2 screws each [2], and detach the right front cover [3] and the right rear cover [4] of the pedestal. (The covers will be used later.)

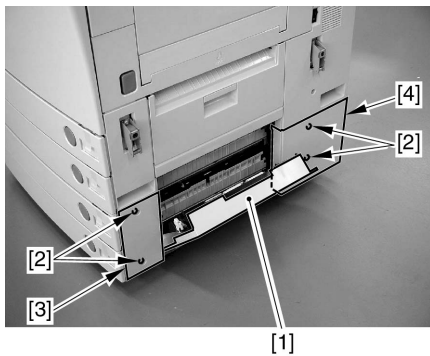


Figure 4-7

- 7) Close the right cover of the pedestal, and remove the screw [1] from the 2 locations indicated in the figure. (The screws will no longer be used.)

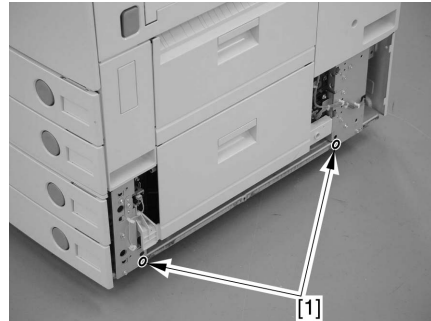


Figure 4-8

- 8) Take out the deck mounting base from the shipping box.
- 9) Remove the screw [1], and detach the stopper [2]; then, switch them over as shown.

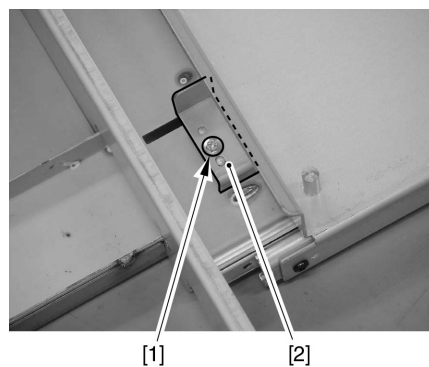
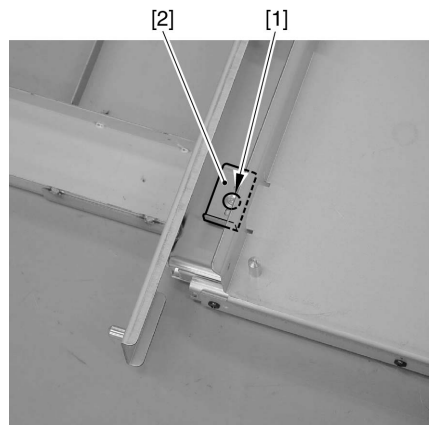


Figure 4-9

- 10) Remove the 2 screws each [1], and change the positions of the extension rails [2] at the front and rear; then, fix them in place using the screws (i.e., move them from cut-off D to cut-off F).

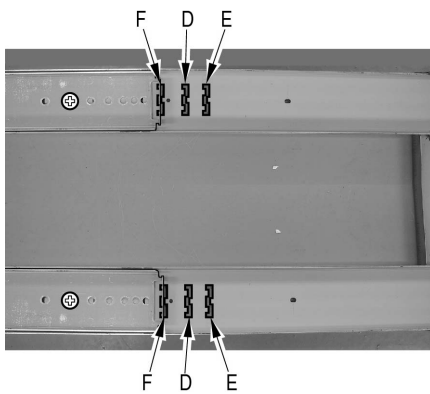
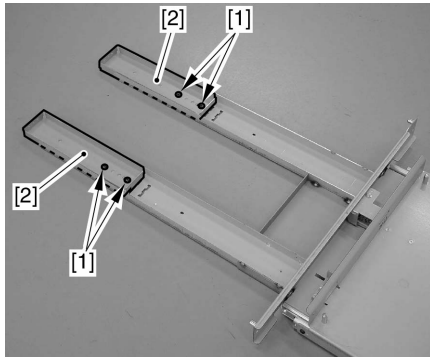


Figure 4-10

- 11) Slide the deck mounting base under the machine.
- 12) Lift the deck mounting base slightly, and fit the positioning pin [1] into the hole [2] in the base of the pedestal; thereafter, secure it in place using 3 screws [3] that come with the machine. (At this time, check to set that the tips of the extension rails of the deck mounting base are showing in the lower left of the pedestal.)

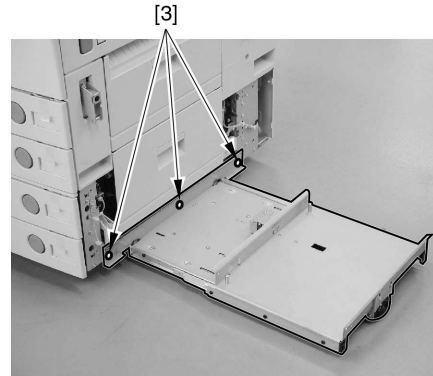
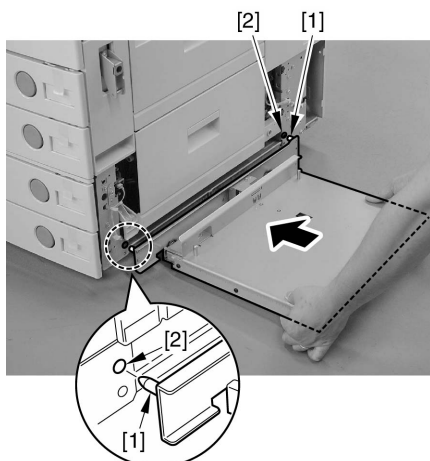


Figure 4-11

- 13) Move to the left side of the pedestal, and secure the fastener [1] and the protective cover [2] to the tip of the extension rail of the mounting base using a screw [3] that comes with the machine. (2 locations at the front and rear)

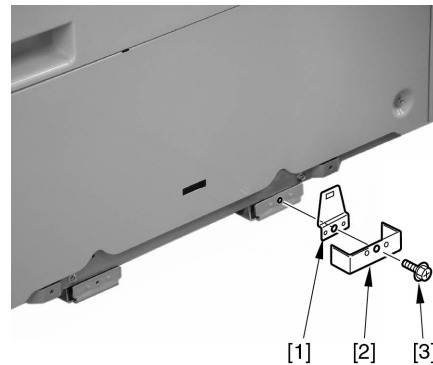


Figure 4-12

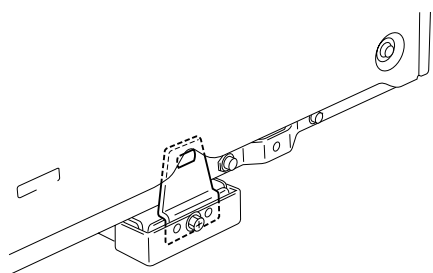


Figure 4-12A

14)



When doing so, be sure to lower the deck mounting base slightly so that the hole of the fastener matches the hole in the pedestal.

Then, by fitting a screw [2] that comes with the machine through the hole [1] in the fastener, secure the fastener in place to the pedestal. (2 locations at front and rear)

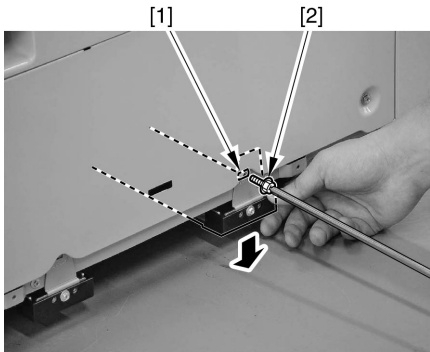


Figure 4-13

15) Open the right cover of the pedestal, and attach the right front cover and the right rear cover of the pedestal using the 2 screws you have removed previously. (When attaching the right rear cover, be sure to fit the protrusions [3] of the pedestal rear cover [2] into the 2 holes [1] in the right rear cover.)

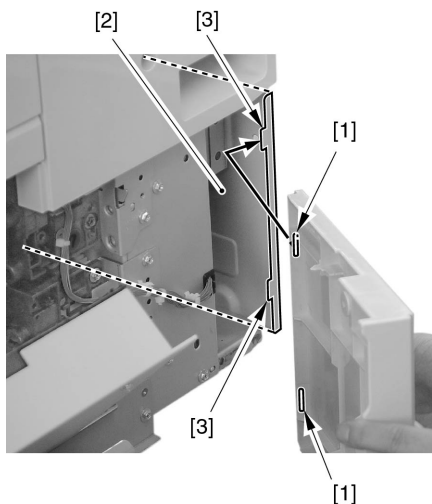


Figure 4-14

16) Slide the deck mounting base to the right (i.e., away from the copy), and place the cushioning material of the deck mounting base that comes with the machine.

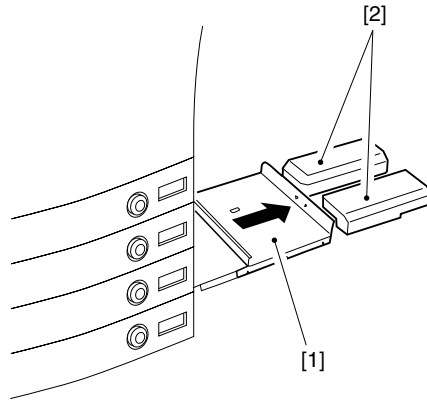


Figure 4-15

17) Remove the plastic bag used to protect the paper deck; then, holding the locations indicated in the figure, place the paper deck on the cushioning material.



Do not hold the paper deck by the locations indicated to avoid deformation. When lifting the paper deck, be sure to hold it by the locations indicated by labels [1]. Further, be user to work in a group of 2 persons.

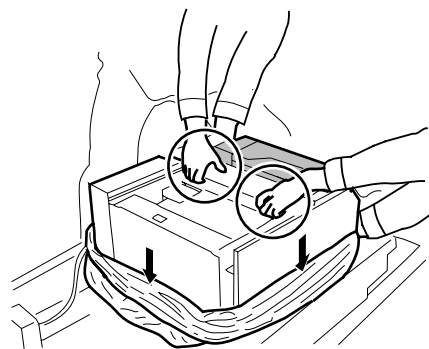


Figure 4-16

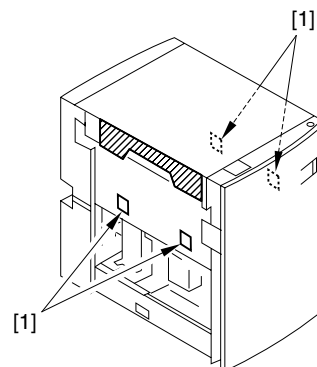


Figure 4-17

- 18) Detach the pressure releasing block [1] of the pickup roller from the paper deck, (The block will no longer be used.)

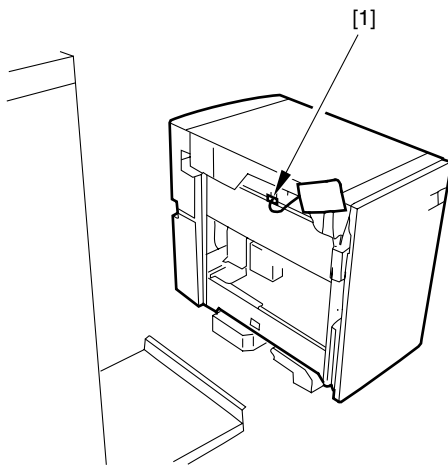


Figure 4-18

- 19) Remove the 3 screws [1] from the right side of the paper deck. (The screws will be used later.)

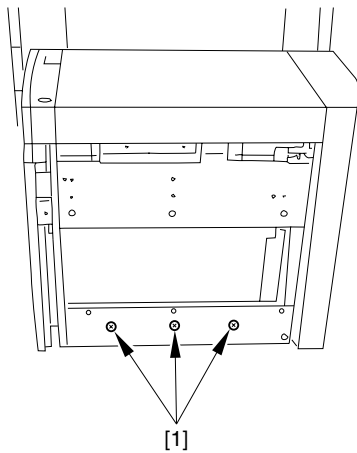


Figure 4-19

- 20) Remove the screw [1] from the left side of the paper deck, (no longer used.)

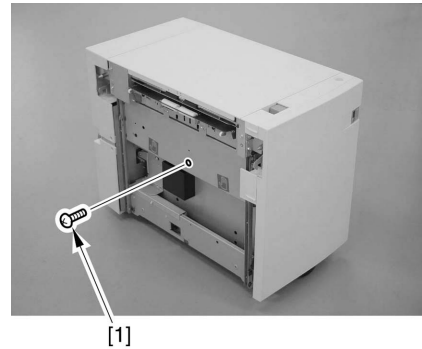


Figure 4-20

- 21) Mach the protrusion [2] of the slope guide [1] that comes with the machine against the hole [3] in the stay of the paper deck; then, secure them in place using the included binding screw (M4x8; black).

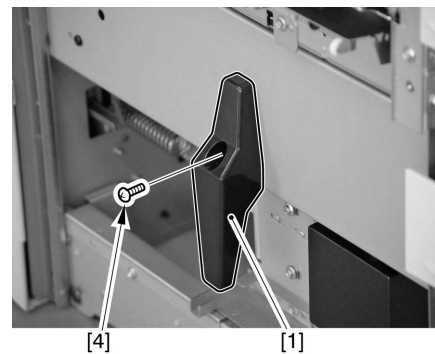
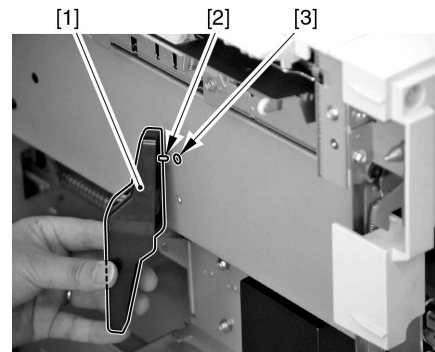


Figure 4-21

- 22) Fix the guide plate [1] in place using the included self-tapping binding screw (M4x10) [2]. (Of the 2 mounting holes, use the one toward the front.)

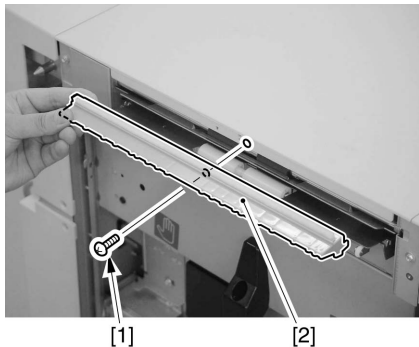


Figure 4-22

- 23) Close the compartment for now.

24)



As a point of reference where the pin fits the hole, try matching the arrow (A) on the paper deck lower left stay and the end (B) of the deck mount base.

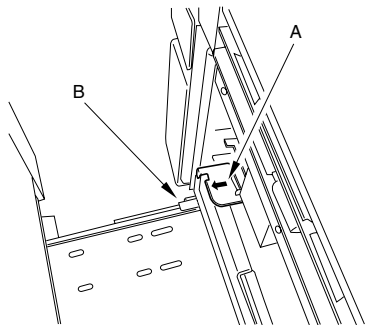


Figure 4-23

Hold the paper deck by the locations indicated in the figure (and also by the Handhold label); then, place the paper deck on the deck mounting base while matching the pin [2] of the deck mounting base with the hole [1] in the bottom of the paper deck.

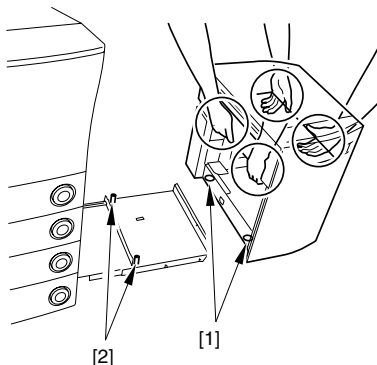


Figure 4-24

- 25) Push down the releasing lever [2] of the paper deck compartment [1] with your finger.

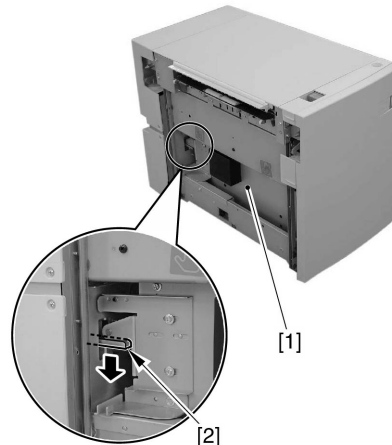


Figure 4-25

- 26) Remove the 4 screws [1] from the right side of the compartment, and detach the fixing member [2]. (You will be using the screws later, but not the fixing member.)

(At this time, remove also the cushioning material [3] from inside the compartment.)

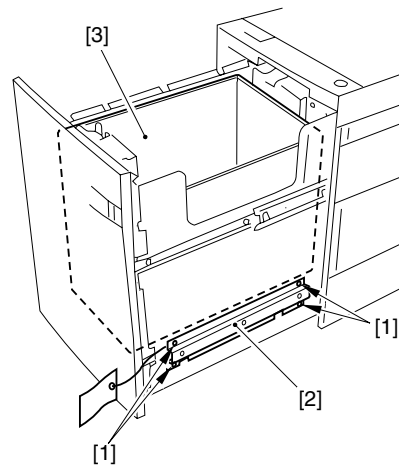


Figure 4-26

- 27) Secure the paper deck to the deck mounting base using the 4 screws each [1] (2 screws each on left and right).

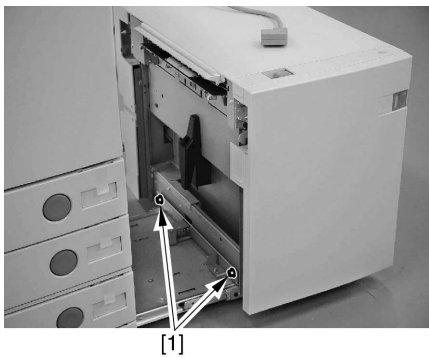
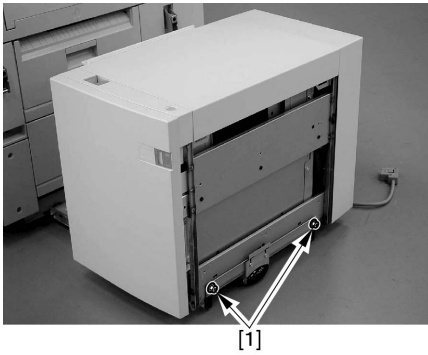


Figure 4-27

- 28) Draw out the compartment.

29)



As a point of reference to indicate the position of the deck front cover, be sure to mark the appropriate graduation mark.

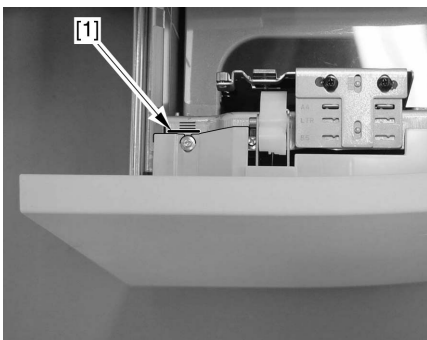


Figure 4-28

Loosen the 4 screws [1], and detach the deck front cover [2]. (You need not remove the screws.)

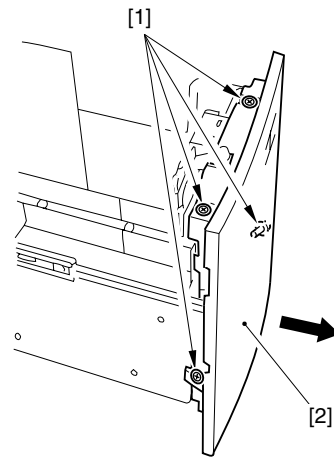


Figure 4-29

- 30) Push in the compartment; then, set the paper deck to the host machine.
- 31) Mount the block support plate [1] that comes with the machine to the front of the paper deck using 4 screws [2] that also come with the machine. (When doing so, be sure that the distance between the block and the surface of the floor is 5 mm.)

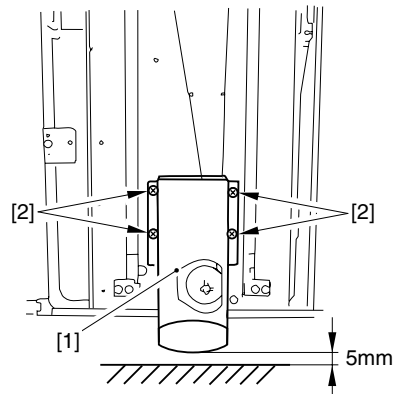


Figure 4-30

- 32) Loosen the 2 screws [2] of the block support plate [1] on the right side of the deck mounting base; then, make adjustments so that the block is 6 mm from the surface of the floor.

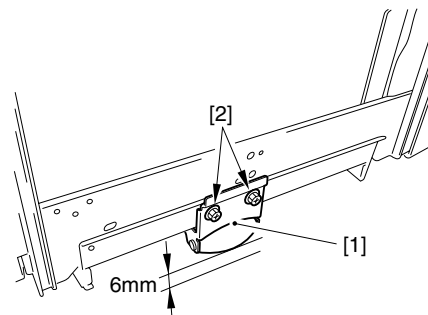


Figure 4-31

33) Release the paper deck from the host machine for the time being.

34) Draw out the compartment.

35)



When attaching the deck front cover, turn the gear [1] of the paper level indicator fully counterclockwise so that the indicator [2] is 'white.'

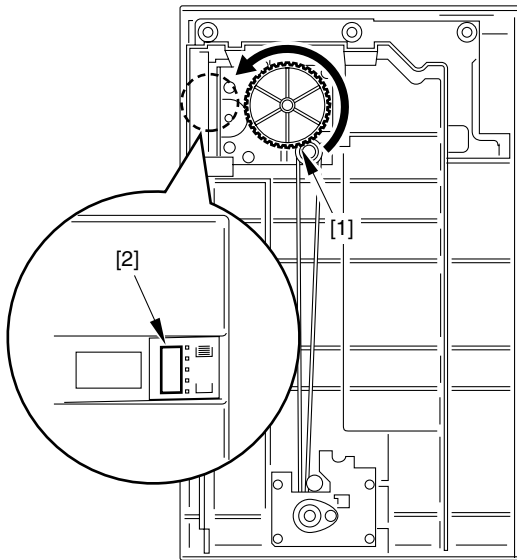


Figure 4-32

Fit the deck front cover [1] as if to match it against the coupling [2] of the paper level indicator; then, tighten the screw while referring to the graduation you marked previously.

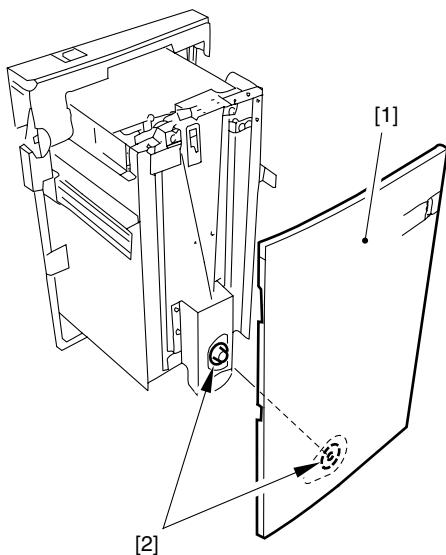


Figure 4-33

36)



Fit the claw [1] on the top of the paper deck right cover into the hole [2] in the paper deck; then, fit the edge [3] on the right side to the inside of the rear cover [4].

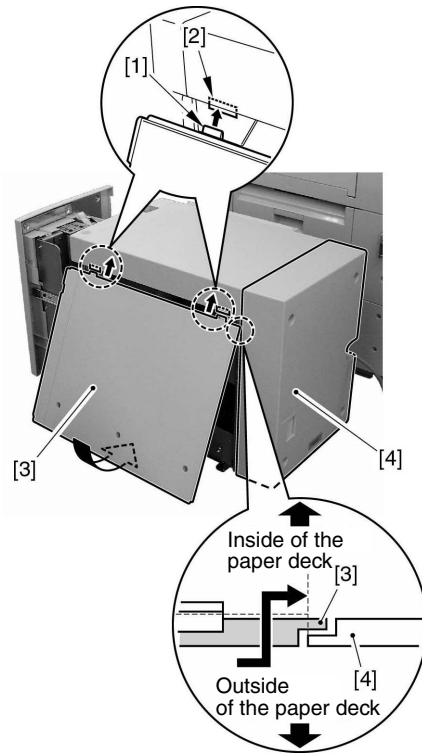


Figure 4-34

Using the 3 screws [1] you removed in step 19), attach the paper deck right cover [2].

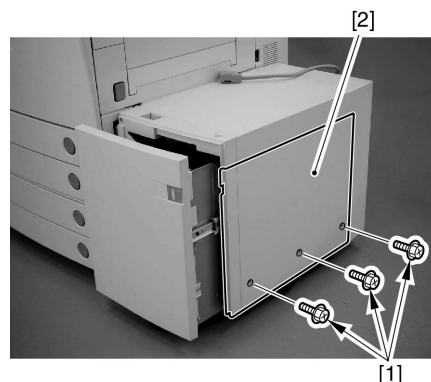


Figure 4-35

- 37) Close the compartment.
- 38) Set the deck to the host machine.
- 39) Detach the connector face plate [2] from the rear of the pedestal [1]; then, connect the power cable [3] of the paper deck.

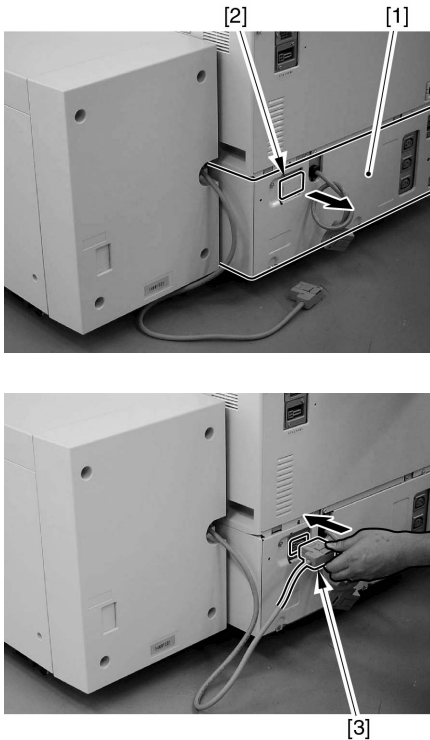


Figure 4-36

- 40) Secure the power cable using the included cable clamp [1].

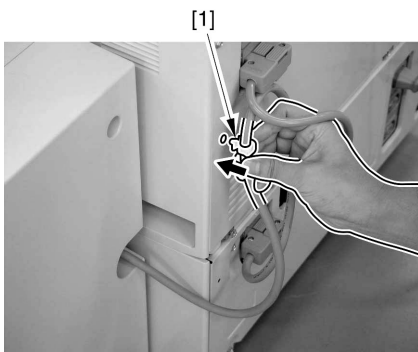


Figure 4-37

- 41) Find out the user's needs, and attach the appropriate paper size label [1] and Open label [2] to the paper deck front cover [3].

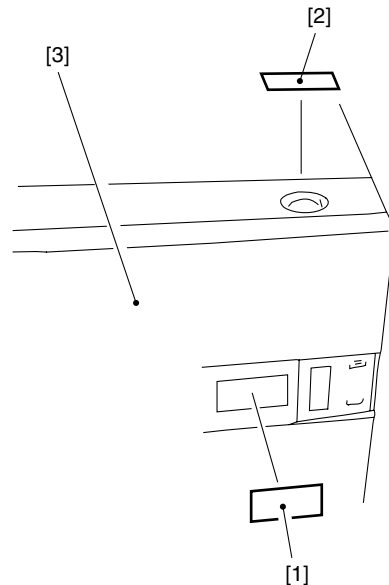


Figure 4-38

Perform steps 42) and 43) only if you set the deck paper size to A4.

- 42) Turn on the host machine; when the paper level indicator of the host has become "black" (i.e., when the lifter has fully moved up), press the paper deck compartment releasing button.

- 43)



When attaching the lifter plate sheet, attach the double-sided tape to the lifter plate while butting the lifter plate sheet [2] against sections A and B of the rear separation sheet [1]. At that time, check to see that the lifter plate sheet has not ridden over the front separation sheet (for the paper sensor).

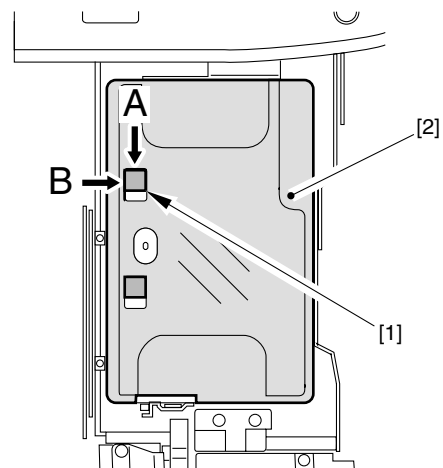


Figure 4-39

Remove the backing paper [2] from the included lifter plate sheet [1] ; then, attach it to the lifter plate.

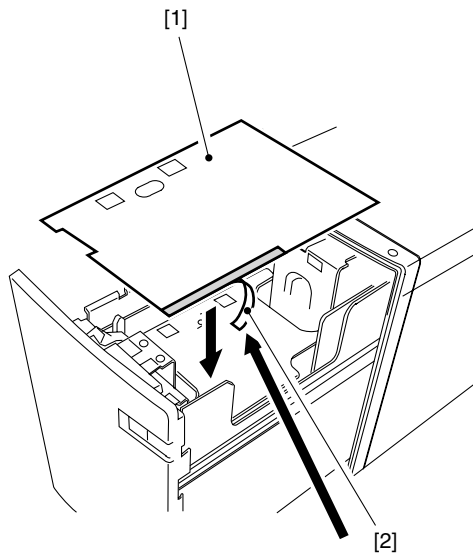


Figure 4-40

5. Changing the Paper Size

- 1) Open the compartment.
- 2) If the lifter of the machine is in up position, turn on the host machine and push down both sensor levers (upper/lower) [1] of the power supply position sensor inside the compartment with your fingers so that the lifter will move to its lower limit.

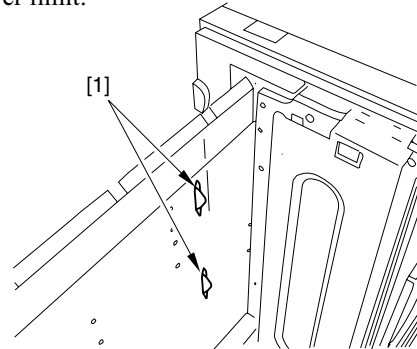


Figure 5-1

3)



If you are setting it to LTR size, you will not be using the rear end guide plate. To find out the paper size, check the bottom plate for a specific marking.

Remove the screw [1], and mount the paper rear end guide plate [2] to suit the new paper size.

- 4) In the same way, remove the screw [3] (1pc.each), and adjust the position of the left/right guide plate [4] to suit the new paper size.

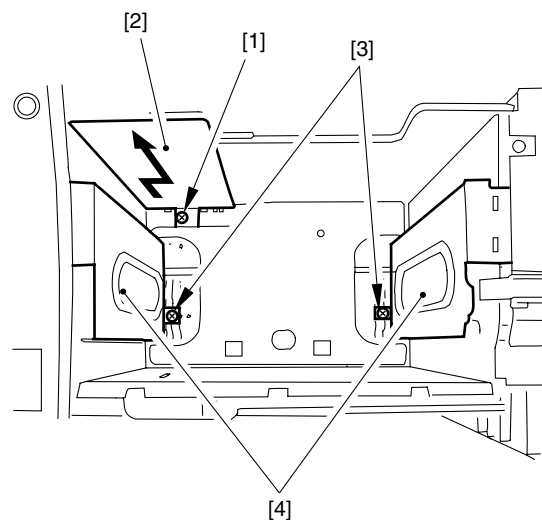


Figure 5-2

- 5) In service mode, set the new paper size:
COPIER>OPTION>ACC>DK-P.
- 0: A4
- 1: B5
- 2: LTR



After you have changed the paper size, be sure to turn off and then on the host machine.

6. Adjusting the Horizontal Registration

- 1) Check to make sure that the 2 adjusters [1] of the pedestal of the host machine are in contact with the floor.

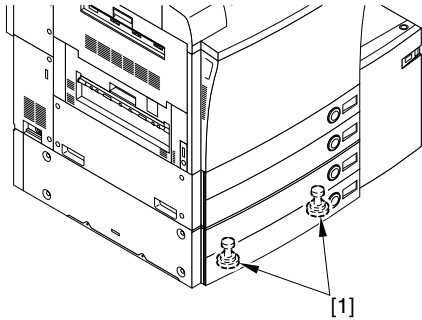


Figure 6-1

- 2) Turn on the host machine.
- 3) Check to see that the paper deck is used as the source of paper and the operation is correct.
- 4) Make copies/prints of the test image; then, check the output images to see that the horizontal registration of the machine is 0 ± 1.5 mm or less. Otherwise, perform the following:

- 5) Draw out the compartment, and use the 2 screws [1] to adjust the position of the latch plate of the deck open solenoid. (At this time, refer to the graduation [2] of the latch plate found at the left rear of the compartment.)

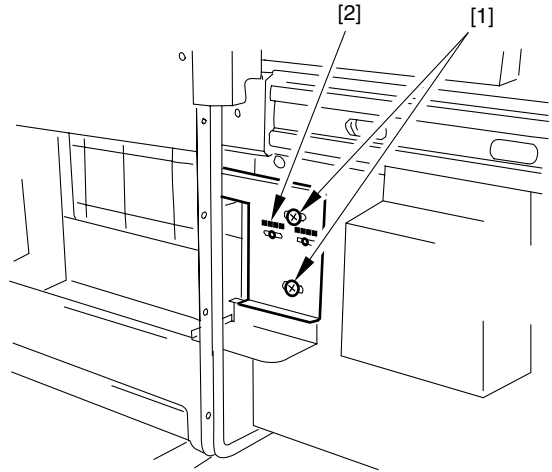


Figure 6-2

Shifting the latch plate toward the rear will increase the front margin on paper.

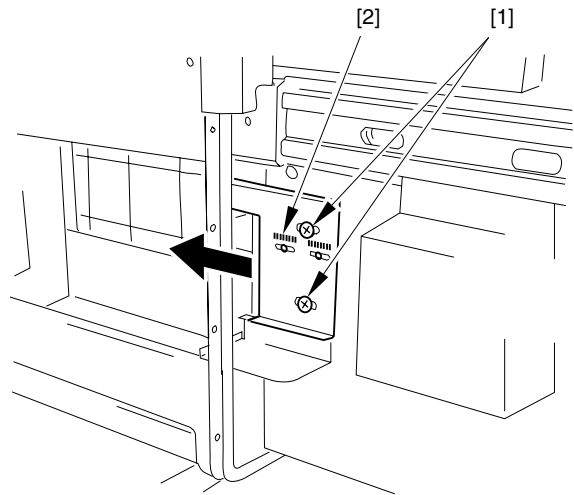


Figure 6-3

7. Adjusting the Position of the Front Cover

- 1) Be sure that the front cover is positioned so that the gap between the front cover and the upper front cover [2] is 3 ± 1 mm.

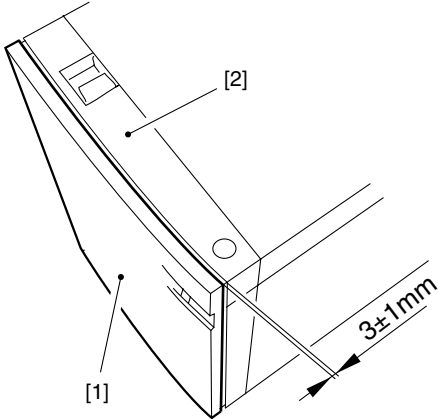


Figure 7-1