

Finisher-N1/Saddle Finisher-N2 Installation Procedure

Go through the instructions herein when installing the Finisher or the Saddle Finisher to the host machine.

1 Unpacking

Unpack the Finisher/Saddle Finisher, and check to make sure that none of the following is missing:

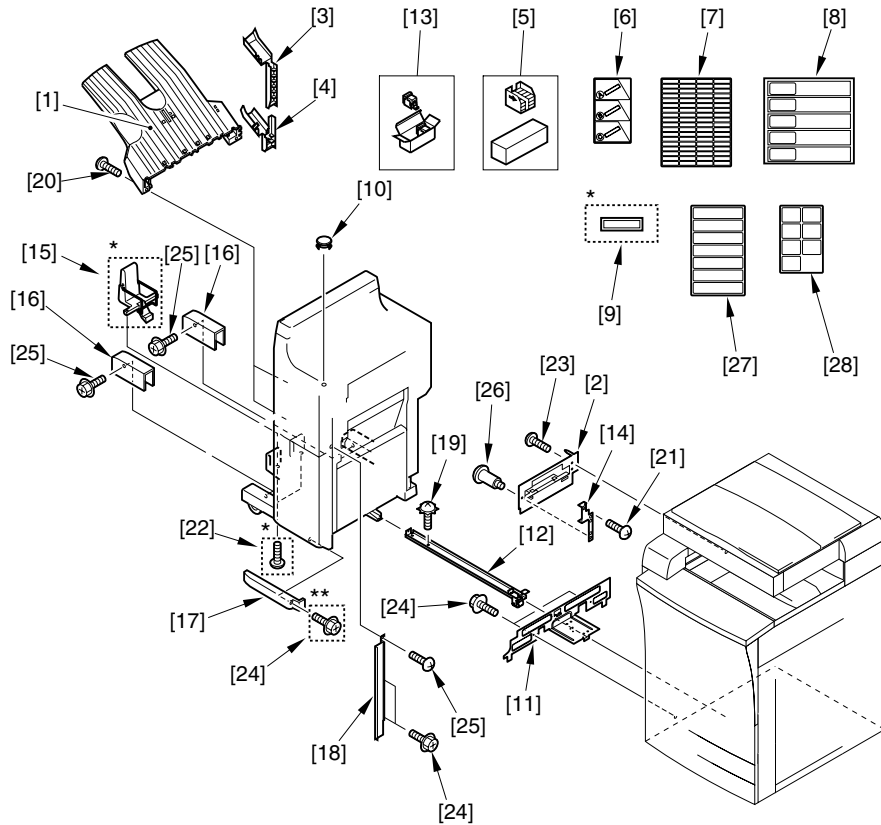


Fig. 1-1

- | | | | |
|---------------------------------|-----------|---|----------|
| [1] Delivery tray | 2 pc. | [16]Delivery side foot cover | 2 pc. |
| [2] Latch plate | 1 pc. | [17]Front side foot cover | 1 pc. |
| [3] Harness cover (large) | 1 pc. | [18]Face plate | 1 pc. |
| [4] Harness cover (small) | 1 pc. | [19]Screw (w/ washer; M4x6) | 1 pc. |
| [5] Staple cartridge | 3 pc./box | [20]Tray screw (black, TP; M4x6) | 4 pc. |
| [6] Tray label | 1 pc. | [21]Screw (tapping; M3x8) | 1 pc. |
| [7] Settings label | 1 pc. | [22]Screw (black, tapping; M3x10) | 2 pc.* |
| [8] Instructions label | 1 pc. | [23]Screw (tapping; M4x10) | 2 pc. |
| [9] Size Change label | 1 pc.* | [24]Screw (RS tightening; M4x8) | 6 pc.** |
| [10]Face button | 1 pc. | [25]Screw (tapping; M4x12) | 1 pc. |
| [11]Rail mounting plate | 1 pc. | [26]Stepped screw | 1 pc. |
| [12]Guide rail | 1 pc. | [27]Caution label A | 1 pc.*** |
| [13]Cartridge for saddle | 3 pc/box* | [28]Caution label B | 1 pc.* |
| [14]Mounting plate | 1 pc. | | |
| [15]Saddle auxiliary tray | 1 pc.* | | |
- * If Saddle Finisher-N2
** If Saddle Finisher-N2, 7 pc.
*** If Finisher-N1



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).

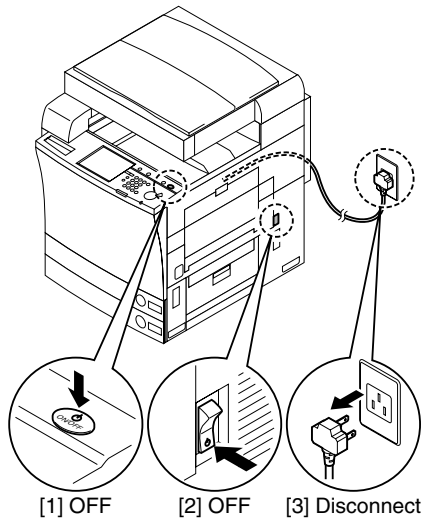


Fig. 1-2

2 Deciding on the Site

Decide on the site of installation, making sure that there will be enough space for office work, i.e., removing paper. The floor must be level so that the area of the Finisher and the area of its host machine will be even (no step or slope).

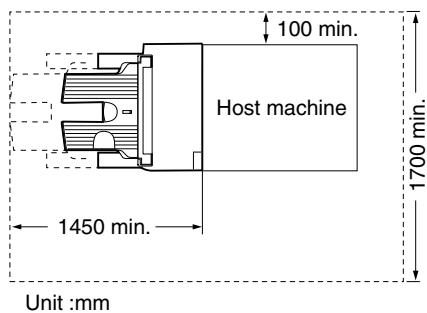


Fig. 2-1

3 Removing the Packing Material



The Finisher is protected against vibration and impact occurring while it is being moved by means of tape and spacer. Be sure to remove all the protective material before use.

Also, keep in mind that the Finisher's casters are designed so that the Finisher moves only in straight lines.

1)



Do not remove the four cushioning material (Styrofoam) in this step; otherwise, the rail assembly will be deformed.

Remove the options box from the package.

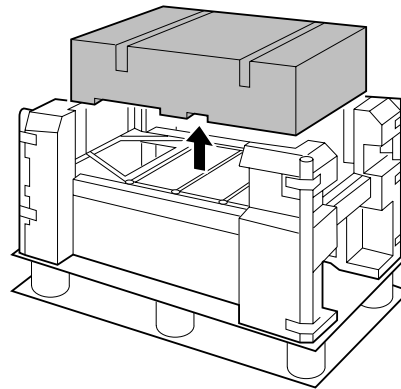


Fig. 3-1

2) Without removing the cushioning material (Styrofoam), lift the Finisher working as a group of 2 persons, and stand it on its end.

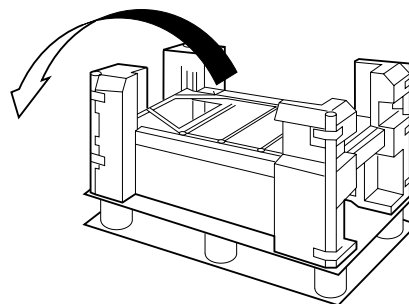


Fig. 3-2

- 3) Remove the cushioning material (Styrofoam) from the top cover.
- 4) Lift the caster side at the front and then the rear slightly, and remove the cushioning material (Styrofoam).

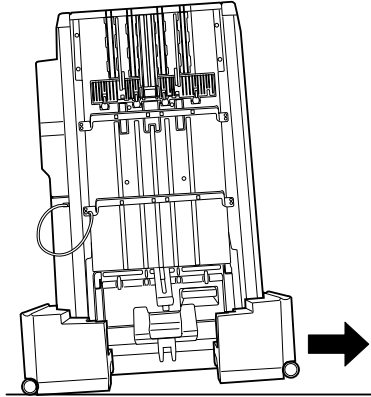


Fig. 3-3



- The casters make the Finisher easy to roll about. Be sure always to work as a group of 2 persons, not subjecting any of its part to impact or not hurting workers' backs.
- Be sure to pay extra attention whenever you are moving the Finisher over an area of the floor showing a step.
- Be sure to pay extra attention to the rail assembly when shifting up the Finisher to avoid deforming the assembly.

- 5) Remove the bag, and remove the tape and cushioning material (cardboard) from the Finisher. In the case of the Saddle Finisher, remove also the tape from the tray holder.
- 6) Open the front upper cover, and remove the cushioning material (Styrofoam) from the inside.

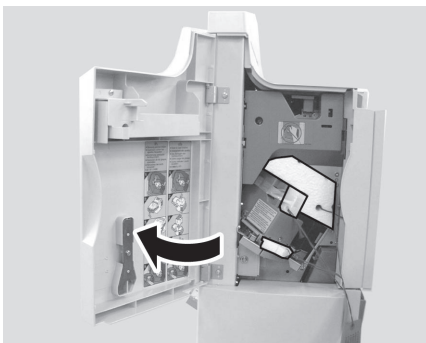


Fig. 3-4

- 7) Close the front upper cover.

■ In the case of the Saddle Finisher-N2, perform the following steps:

<Removing the Stitcher Fixing Member>

- 8) Open the front lower cover [1].



Fig. 3-5

- 9) Slide out the stitcher unit [1] to the front.

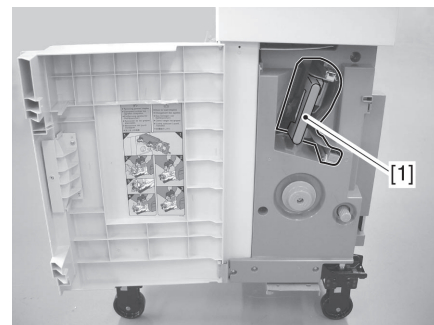


Fig. 3-6

- 10) Remove the screw* [1]: then, remove the stitcher fixing assembly* [2].

*Will no longer be used.

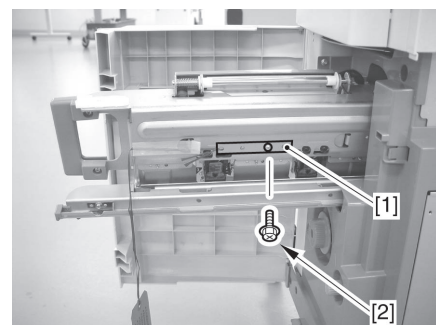


Fig. 3-7

- 11) Put back the stitcher unit, and close the front lower cover.

<Removing the Bending Roller Releasing Plate>

12) Remove the 4 screws* [2], and detach the right lower cover* [1].

* Will be used.

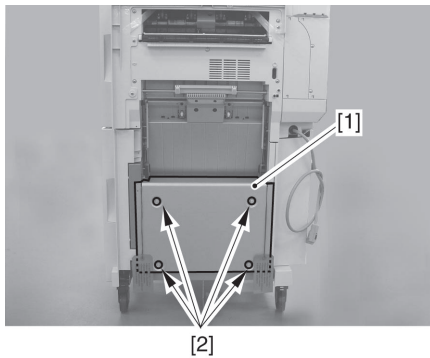


Fig. 3-8

13) Remove the fixing screw* [1], and detach the releasing plate* [2]. Perform this steps on both front and rear.

* Will no longer be used.

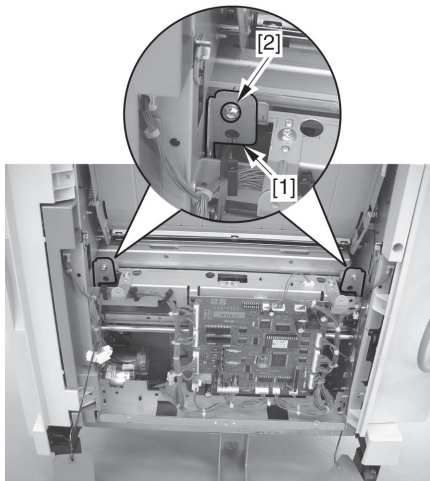


Fig. 3-9

14) Mount the right lower cover using the 4 screws you have previously removed.

4 Working on the Host Machine



Check to make sure that the mounting plate [1] is in contact with the grounding plate [2].

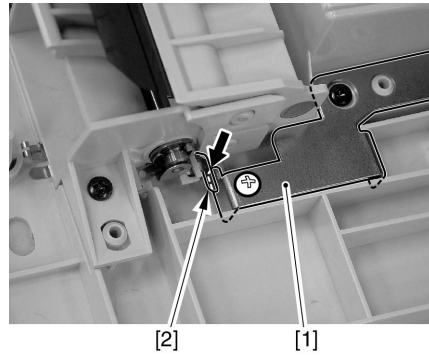


Fig. 4-1

Open the delivery cover of the host machine, and fit the mounting plate [1] using a screw [2] (tapping; M3x8).

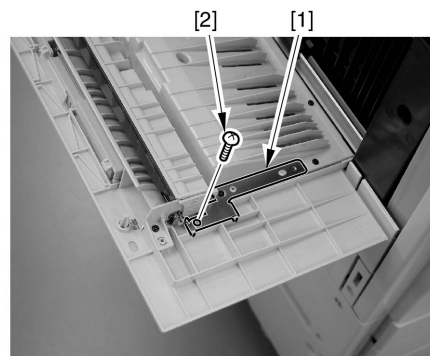


Fig. 4-2

2) Close the delivery cover.

3) Using the tip of a flat-blade screwdriver [2], remove the 3 face stickers [1].

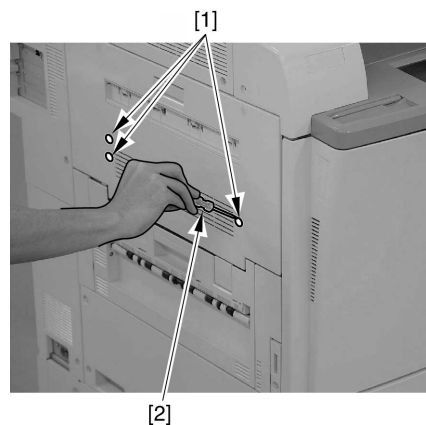


Fig. 4-3

4) Mount the latch plate [1] using a stepping screw [2] and 2 screws [3] (tapping; M4x10).

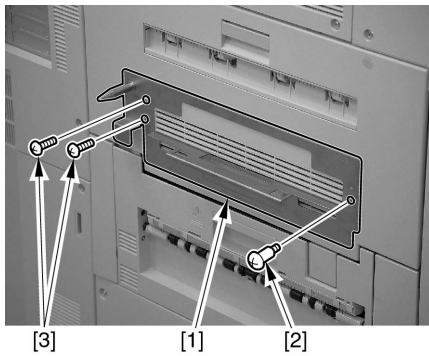


Fig. 4-4



If you find the stepping screw [2] difficult to tighten, try opening the delivery cover and see if the mounting plate is pushed up as shown.

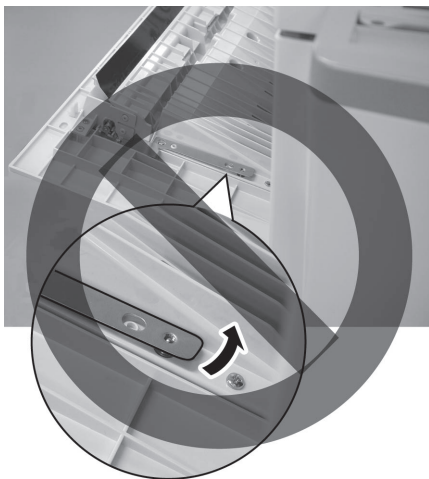


Fig. 4-5

5) Match the guide rail [1] against the rail mounting plate [2] as shown; then, hook the claw [4] of the rail mounting plate on the opening [3] found at the lower left of the host machine, and secure it in place using 2 screws [5] (RS tightening; M4x8).

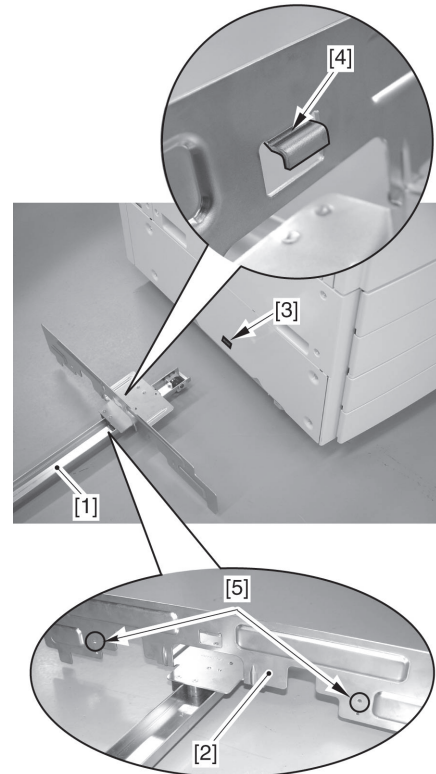


Fig. 4-6

6) Butt the cut-off [2] of the guide rail [1] against the bend [3] of the rail fixing plate of the Finisher; then, secure it in place using a screw [4] (w/ washer; M4x6).

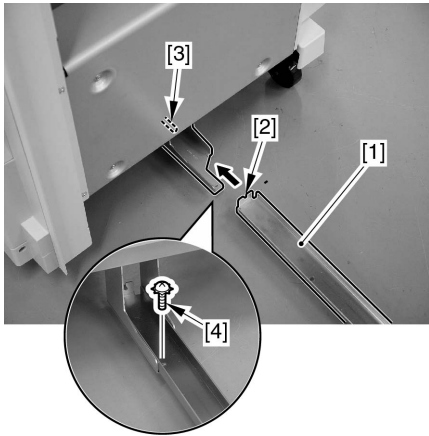


Fig. 4-7



Be sure not to leave out the guide rail; otherwise, paper feed will be faulty, causing jams.

5	Adjusting the Height and Correcting a Tilt
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At times, the floor of the site can cause the Finisher to tilt, requiring adjustment of height and correction of a tilt. Be sure always to adjust the height and then correct the slope in sequence.

A. Adjusting the Height

A-1) Set the Finisher and its host machine; if the difference in height is not as indicated, make adjustments.

If jams tend to occur often at the Finisher's pickup assembly, check if the difference in height is correct.

- The difference between the top face of the Finisher's right guide and the top edge of the left cover of the host machine must be 51 ± 2 mm.

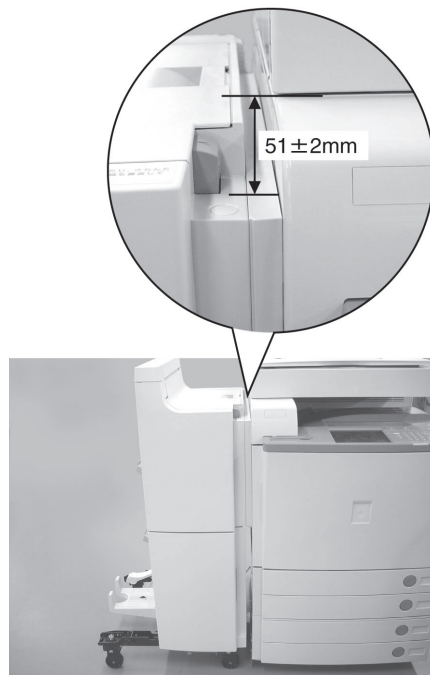


Fig. 5-1

A-2)

■ If the Finisher-N1

- 1) Detach the Finisher from its host machine; then, remove the 2 screws * [2] (RS tightening; M4x8), and detach the pickup side foot cover (rear) [1].

*Will be used later.

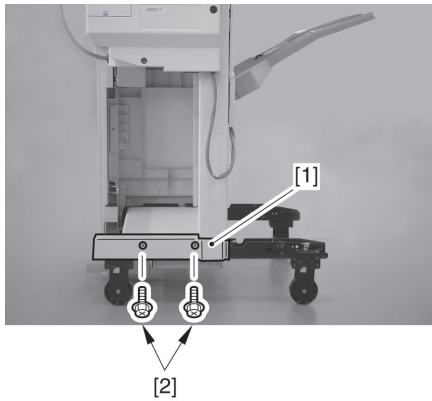


Fig. 5-2

- 2) Remove the 2 screws* [1] (RS tightening; M4x8), and detach the lower front cover.

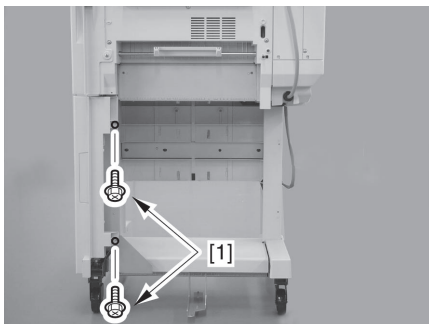


Fig. 5-3

■ If for the Saddle Finisher-N2

- 1) Detach the Finisher from its host machine; then, remove the 2 screws * [2] (RS tightening; M4x8), and detach the pickup foot cover (rear) [1].

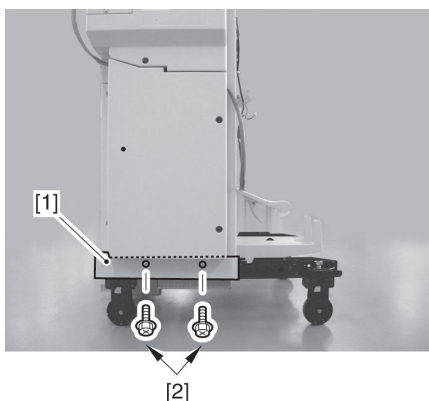


Fig. 5-4

- 2) Open the lower front cover.

- A-3) Open the upper front cover, and detach the fixing screw [2] used to hold the spanner [1] to the back of the cover; then, detach the spanner.

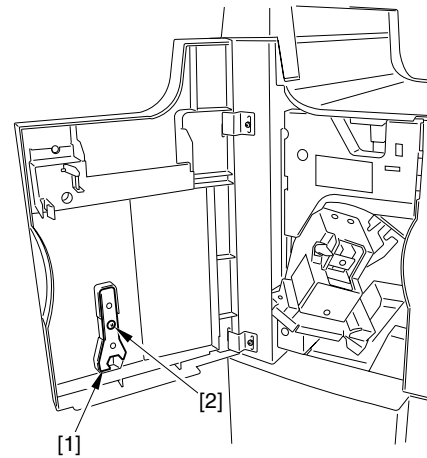


Fig. 5-5

- A-4) Loosen the fixing screw [1] of the caster at the front and rear of the pickup side of the Finisher.

- To raise the Finisher, turn the adjusting bolt [2] into the direction of arrow A.
- To lower the Finisher, turn the adjusting bolt [2] in the direction of arrow B.

Turn the bolt as many times as needed while referring to the scale [3] of the caster assembly. Perform this on both front and rear casters.

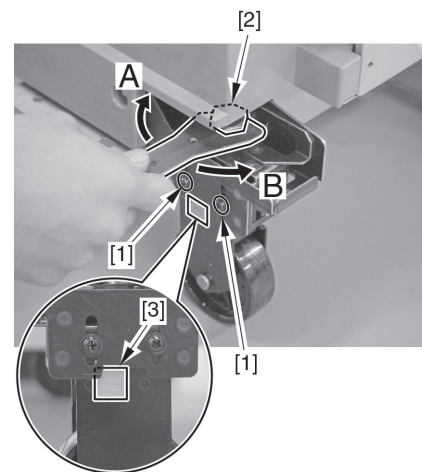


Fig. 5-6

B. Correcting a Tilt



With the Finisher connected, check to make sure that neither is not at an angle (front/rear) in relation to the other, before making adjustment.

B-1) If the tilt of the Finisher and its host machine is not as indicated, go through the following steps:

- The gap between the edge of the Finisher's front edge and the bottom of the side of the host machine must be 32.7 ± 2 mm.

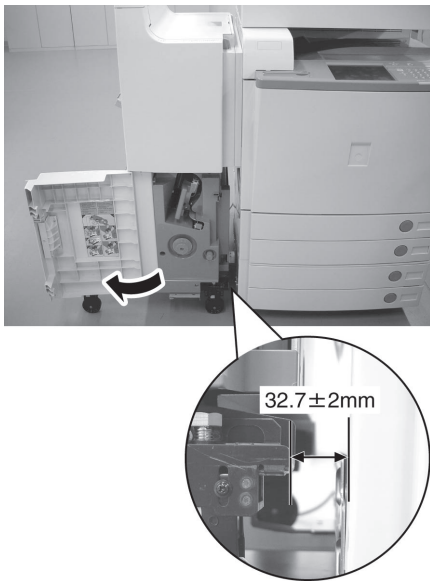


Fig. 5-7

B-2) Open the front upper cover, and remove the fixing screw [2] used to hold a spanner to the back of the cover; then, detach the spanner.

B-3) Loosen the fixing screw [1] of the caster at the front and the rear of the delivery side of the finisher.

- To decrease the gap, turn the adjusting bolt [2] in the direction of arrow A.
- To increase the gap, turn the adjusting bolt [2] in the direction of arrow B.

Turn the bolt as many times as needed while referring to the scale on the caster assembly. Perform this on both front and rear casters.

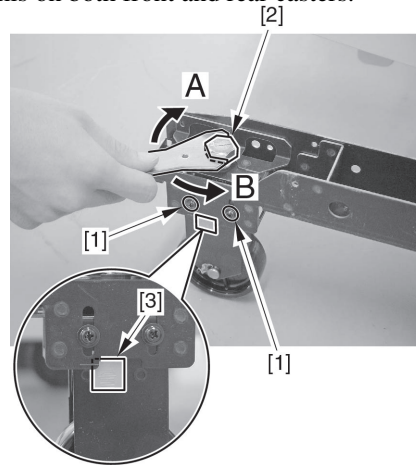


Fig. 5-8

1) After making the foregoing adjustments, set the Finisher and its host machine, and check to make sure that they are as indicated.

Detach the Finisher from its host machine and tighten the fixing screw [1].

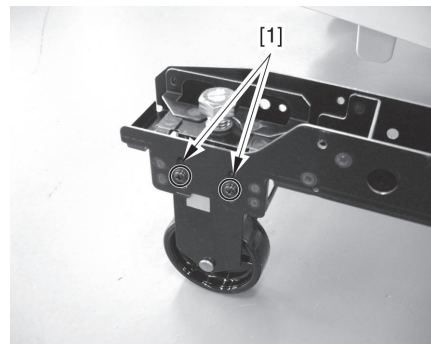


Fig. 5-9

2) To prevent the adjusting bolt [1] from becoming loose, turn it about 90° in the direction of the arrow to tighten.



Do not tighten it more than 90° otherwise, you will put the machines out of position once again.

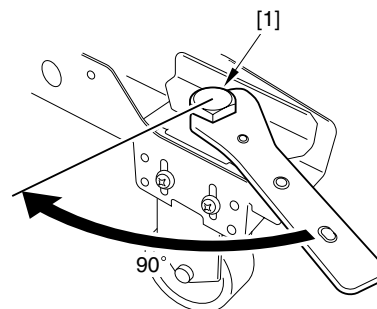


Fig. 5-10

3)

■ If for the Finisher-N1

Mount the pickup side foot cover (rear) [1] using the 2 screws [2] (RS tightening; M4x8) you have previously removed; then, secure the lower front cover [3] using the screw [4] (RS tightening; M4x8) you have previously removed.

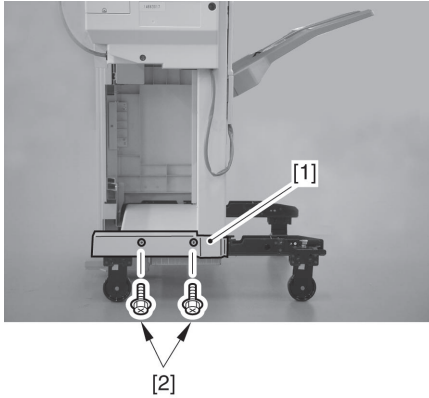


Fig. 5-11

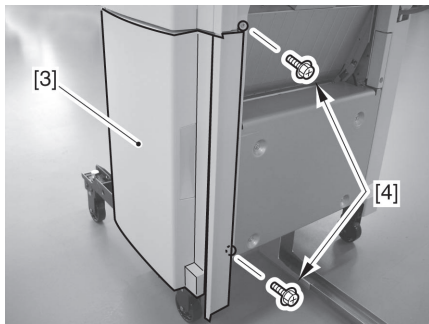


Fig. 5-12

■ If for the Saddle Finisher-N2

Mount the pickup side foot cover (rear) [1] using the 2 screws [2] (RS tightening; M4x8) you have previously removed, and close the lower front cover [3].

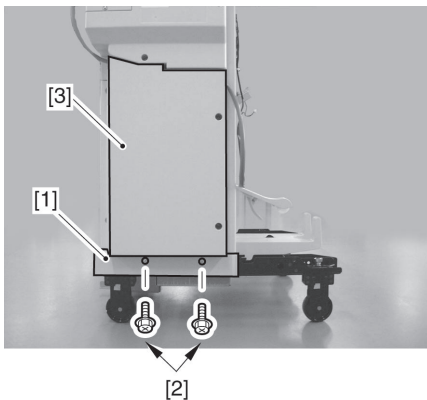


Fig. 5-13

6 Mounting the Finisher Unit

■ If for the Saddle Finisher-N2



Remove the tape from the saddle auxiliary tray.

1) Match the saddle auxiliary tray [1] along the groove [2]; then, secure it in place using 2 screws [3] (black, tapping; M3x10).

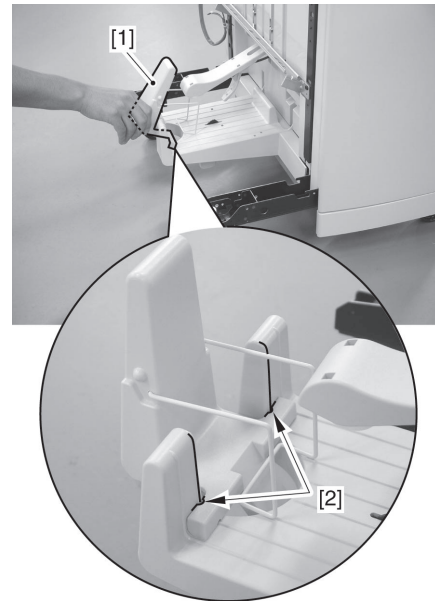


Fig. 6-1

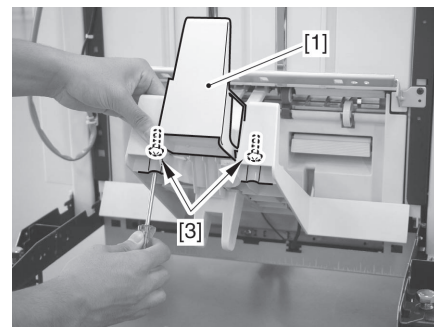


Fig. 6-2

■ If for the Finisher-N1/Saddle Finisher-N2

1) Fit the 2 trays [1], first the bottom and then the top in sequence.

2)



When fitting the trays, pay attention not to trap any sensor harness.

As shown, fit the protrusion of the tray [1] into the hole in the lateral frame; then, lower the tray.

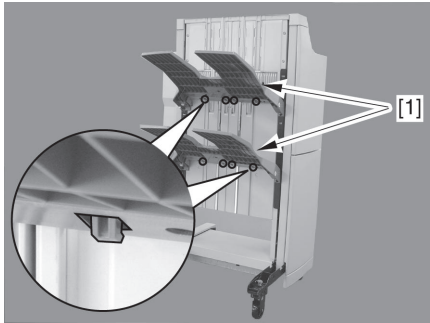


Fig. 6-3

3) Secure the bottom of the tray on both sides with 2 screws [1] (black; TP; M4x6).

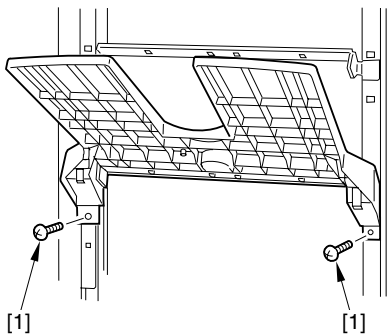


Fig. 6-4

4) Likewise, fit the top tray using 2 screws (black, TP; M4x6).

5) Connect the sensor connector [1] found in the lower left corner of each tray.

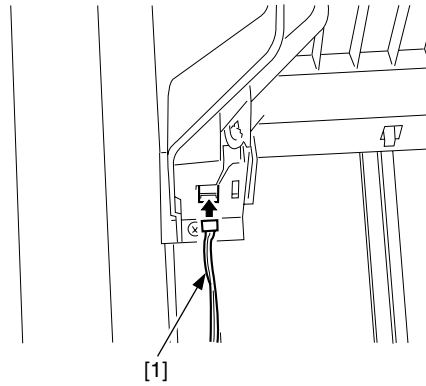


Fig. 6-5

6) Put the protrusion [1] of the harness cover (small) into the cut-off [2], and fit it in place, making sure not to trap any harness.

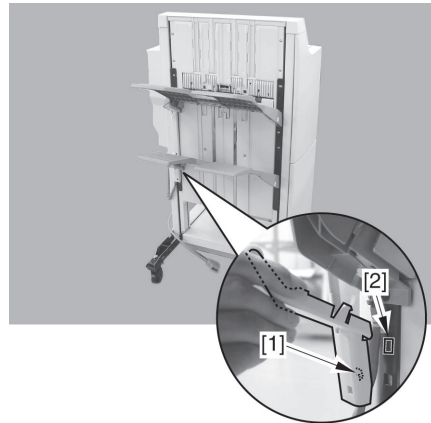


Fig. 6-6

7) Put the protrusion [1] of the harness cover (large) into the cut-off; then, put the hook [2] into the cut-off [3] found to the side of the connector of the tray, and fit it in place, making sure not to trap any harness.

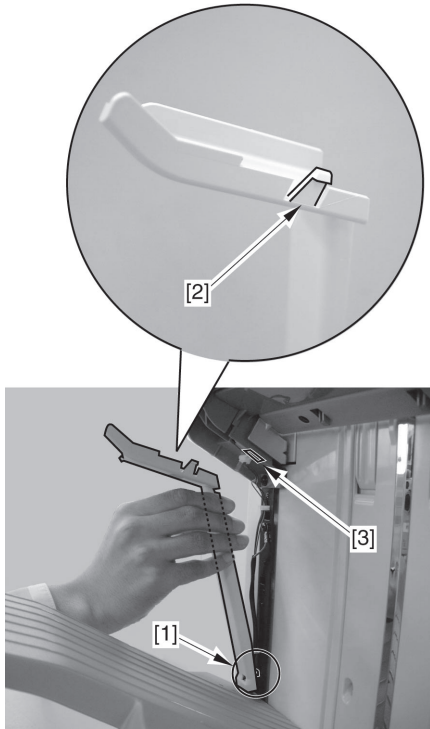


Fig. 6-7

8) Push the protrusion [2] found on the inside of the foot cover [1] on the delivery side into the cut-off [3] of the foot at an angle; then, secure it in place using a screw [3] (RS tightening; M4x8; 1 pc. each).

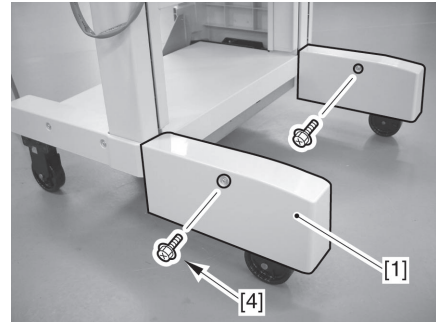


Fig. 6-8

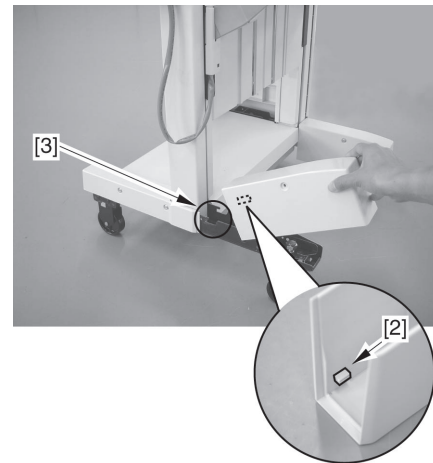


Fig. 6-9

■ If for the Saddle Finisher-N2

When fitting the foot cover [1] of the delivery side to the control panel be sure to tighten the screws [3] while lifting the saddle tray [2].

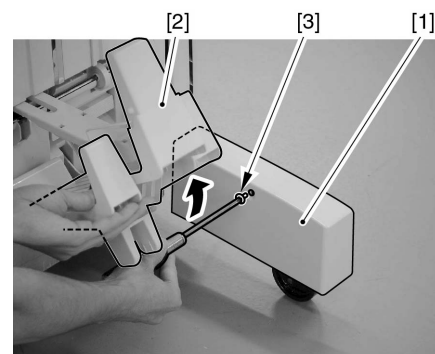


Fig. 6-10

9) Put the protrusion [3] of the bottom stay of the Finisher into the cut-off [2] on the inside of the pickup side foot cover [1]; then, secure it in place using a screw [4] (RS tightening; M4x8).

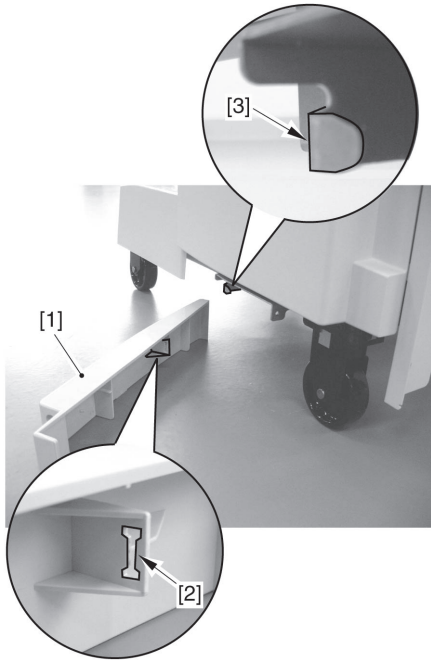


Fig. 6-11

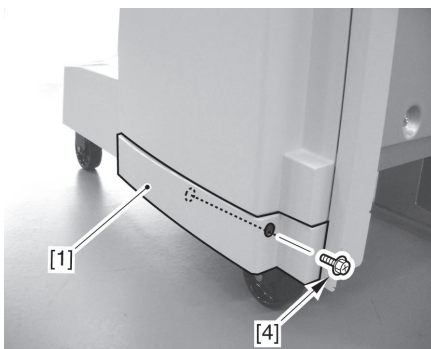


Fig. 6-12

10) Mount the face plate [1] using a screw.

■ If for the Saddle-N1

Use a screw [2] (tapping; M4x12) and a screw [3] (RS tightening; M4x8).

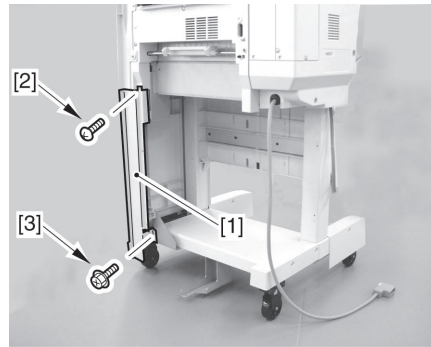


Fig. 6-13

■ If for the Finisher-N2

Use a screw [2] (tapping; M4x12) and a screw [3] (RS tightening; M4x8).

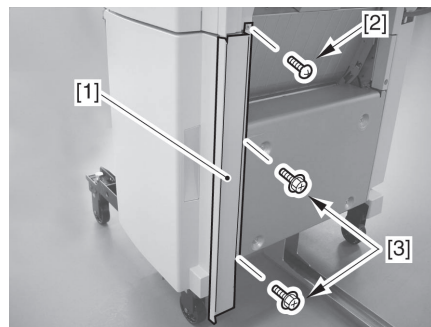


Fig. 6-14

7 Attaching the Labels

- 1) Attach the tray labels to the tray A/B as shown.
- 2) Attach the Settings label to suit the user's needs within the tray label area.
- 3)

■ If the Finisher-N1

Attach the Instructions label [1] to the top of the front cover as shown; then, attach the Caution label A [2] to the top in front of the foot cover. Attach the face button [3] as shown.

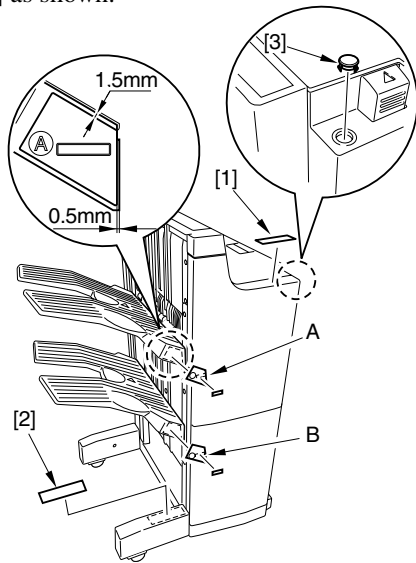


Fig. 7-1

■ If the Saddle Finisher-N2

Attach the Instructions label [1] to the top of the front cover as shown; then, attach the Size Change label [2] to the right side of the top face found in front of the foot cover, and attach the Caution label B [3] to the left side of the top face. Attach the face button [4] as shown.

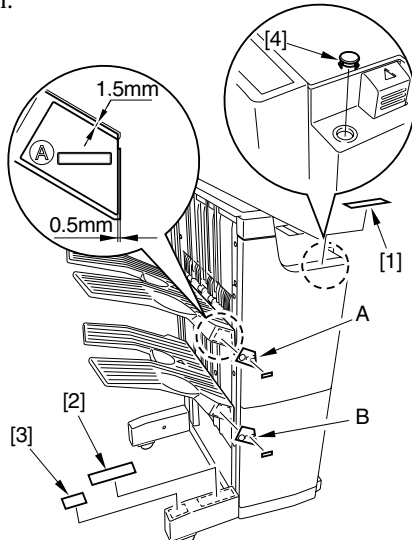


Fig. 7-2

8 Connecting to the Host machine

- 1) Turn off the host machine, and disconnect its power plug from the outlet.
- 2) Move the Finisher to the host machine, and connect the two machines with care.

If connected properly, the connecting pin of the latch plate will snap in place, permitting the Finisher and its host machine to be in firm contact without a gap.

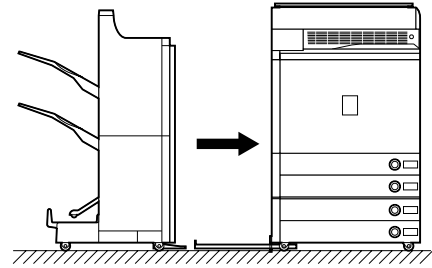


Fig. 8-1



Be sure that the Finisher and its host machine are on a level floor surface. The presence of a step can cause a paper feed fault.

- 3) Remove the connector cover from the cassette pedestal as shown, and fit the Finisher's power cable [1].

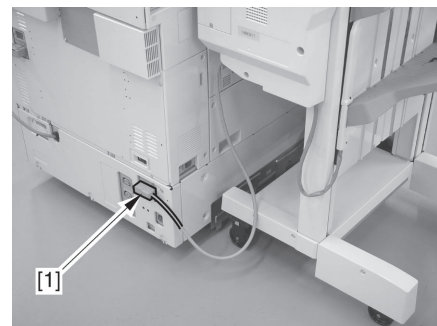


Fig. 8-2



Be sure to turn off the host machine, and disconnect the power plug before starting the work; otherwise, you can suffer an electrical shock.