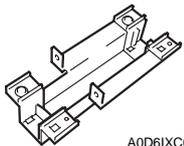
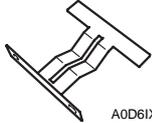
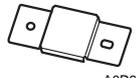
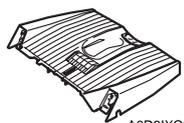
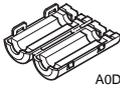


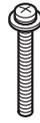
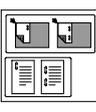
# FS-609 Finisher

## INSTALLATION MANUAL

Applied Machines: C353/C253/C203/C353P/mc8650  
 COLOR MFP (Color/B&W): 35 ppm/35 ppm, 25 ppm/25 ppm, 20 ppm/20 ppm  
 COLOR PRT (Color/B&W): 35 ppm/35 ppm  
 Product Code: A02E

### I. Accessory parts

No.	Name	Shape	Q'ty
1.	Rail guide	 A0D6IXC001DA	1
2.	Ground plate	 A0D6IXC002DA	1
3.	Rail	 A0D6IXC003DA	1
4.	Positioning pin	 A0D6IXC029DA	1
5.	Magnet plate	 A0D6IXC004DA	1
6.	Horizontal transport unit	 A0D6IXC005DA	1
7.	Exit tray	 A0D6IXC006DA	1
8.	Staple cartridge	 A0D6IXC007DA	1
9.	Cord clamp	 A0D6IXC030DA	1
10.	Ferrite core	 A0D6IXC031DA	1
11.	Screw A (4 x 6 mm)	 45831XC003DA	4

No.	Name	Shape	Q'ty
12.	Screw B (4 x 30 mm)	 45831XC004DA	1
13.	Screw C (4 x 12 mm)	 45831XC005DA	4
14.	Screw D (4 x 8 mm)	 A0D6IXC032DA	2
15.	Spacer	 A0D6IXC008DA	1
16.	Label	 4698U107AA	1
17.	Installation Manual	 4980IXC019DA	1 set

### WARNING



After unpacking, be sure to get rid of the packaging materials and keep them out of the reach of children.

Putting your head in the wrapper involves danger of suffocation.

### II. Before Installing the finisher

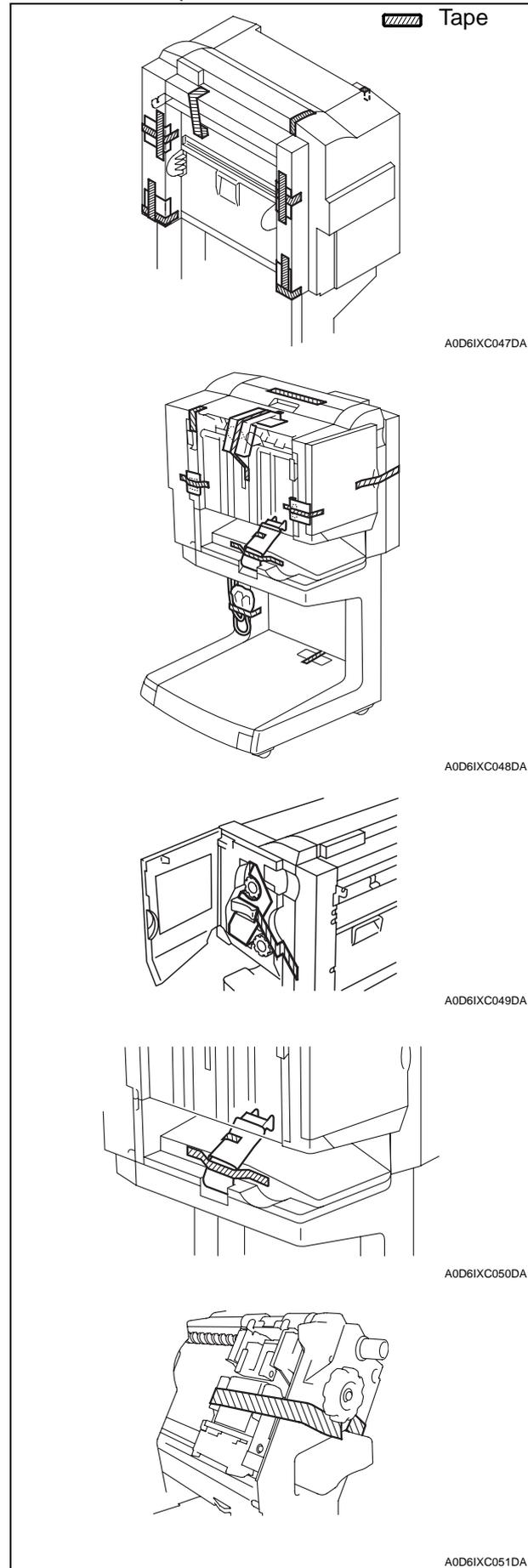
The machine must be outfitted with the paper feed cabinet or the desk before installing the finisher.

### III. When installing to C353P/mc8650

- This manual provides the illustration of the machine used as MFP. However, the same installation procedure is used for C353P/mc8650.
- For screen adjustment, make sure to use the field service tools. Refer to the machine installation manual regarding how to connect and use the field service tools.

### IV. Installation procedure

1. Remove protective tape and packing materials from different parts of the finisher.



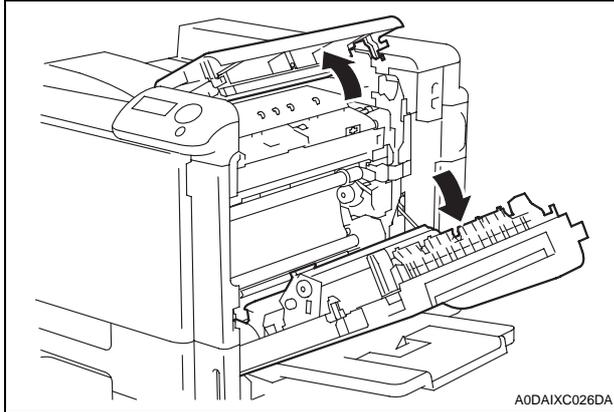
**Note:**

- Make sure that the installation site is flat and level.
- After the Finisher has been set up, avoid moving it unless it is absolutely necessary. See "VIII. Removing the Rail" of P.E-8 to move it. After moving it, follow step 15 to 20 of P.E-4 and step 23 of P.E-5.

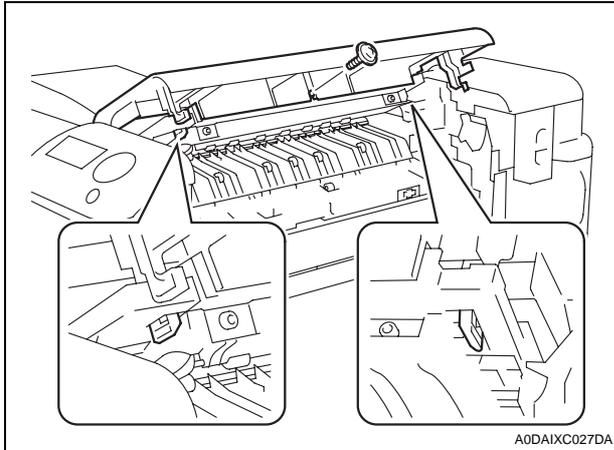
2. Turn off the machine and unplug the power cord from the power outlet.

\* For installation to mc8650, perform steps 3 through 8.

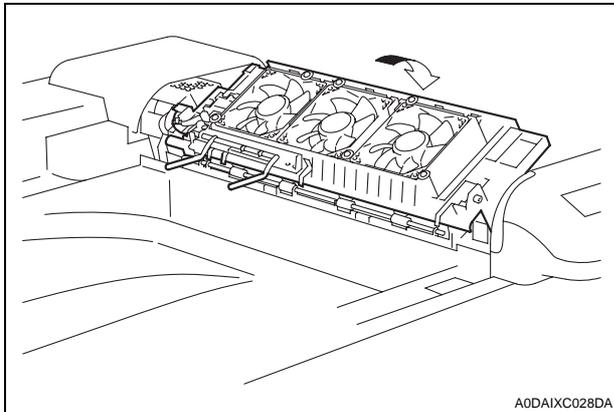
3. Open the right door, and open the paper exit cover.



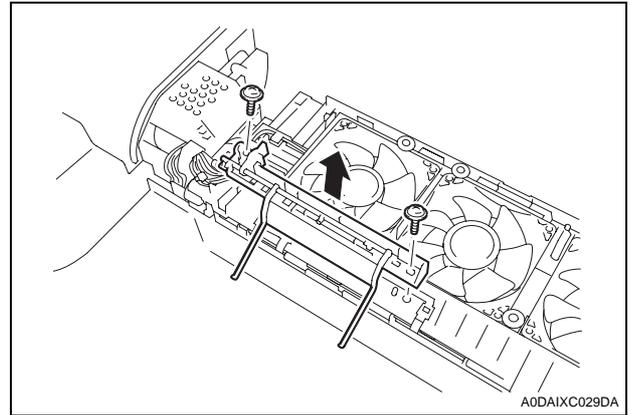
4. Remove the paper exit cover (two claws and one screw).



5. Close the paper exit section.



6. Remove the actuator (two screws).

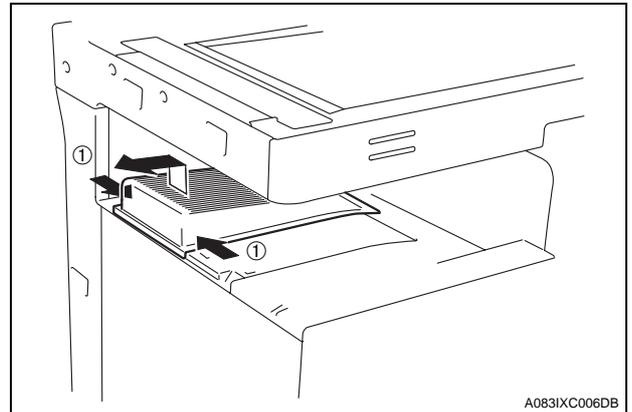


7. Open the paper exit section and attach the paper exit cover that was removed in step 4 (two claws and one screw).

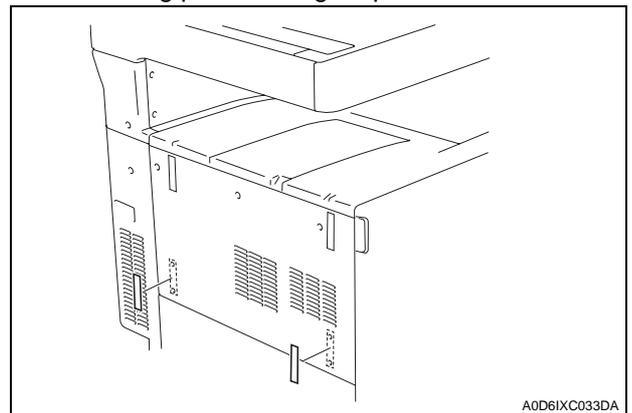
8. Close the paper exit cover, and close the right door.

9. Remove the sub tray of the machine.

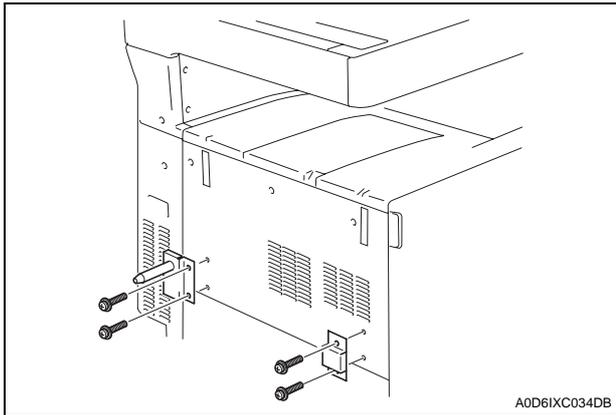
\* Remove it while pushing the claws of the sub tray in the direction of the arrow ① shown on the illustration and unhook.



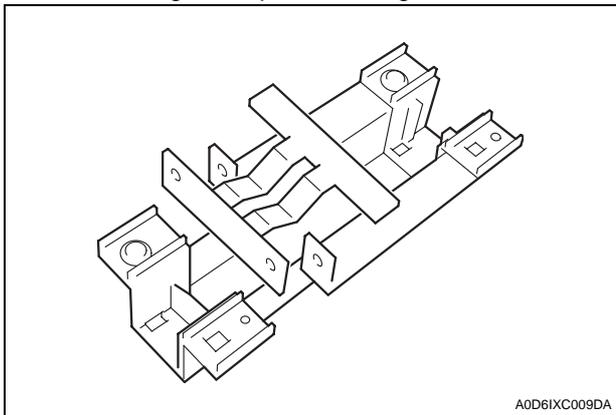
10. Peel off the seal covering the area where the stabilizing pin and magnet plate will be attached.



11. Attach the stabilizing pin and magnet plate to the left side of the machine as shown (four screw C's furnished with the finisher).



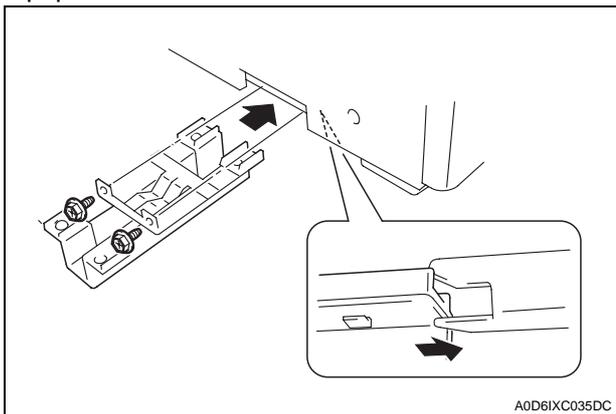
12. Place the ground plate in rail guide.



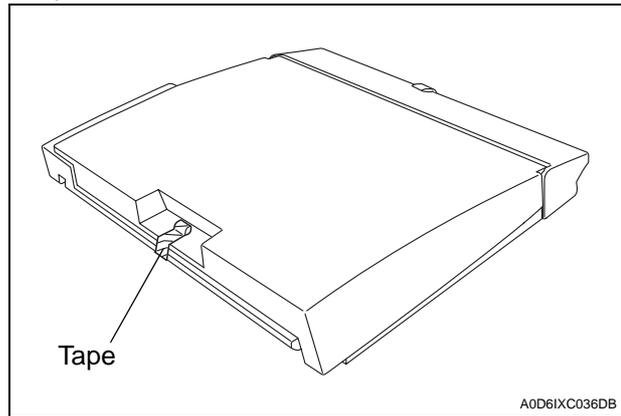
13. Attach the rail guide to the bottom left part of the machine (two screw D's furnished with the finisher).

**Note:**

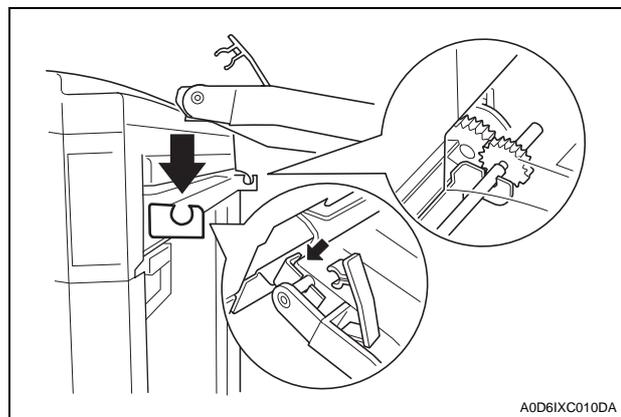
Fit rail guide in the tab on the lower portion of the paper feed cabinet.



14. Remove protective tape of the horizontal transport unit.



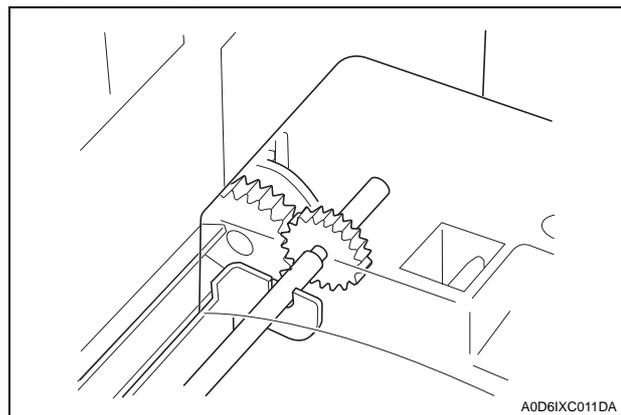
15. Mate the attaching portion of the horizontal transport unit with the mounting bracket at the finisher entrance section.



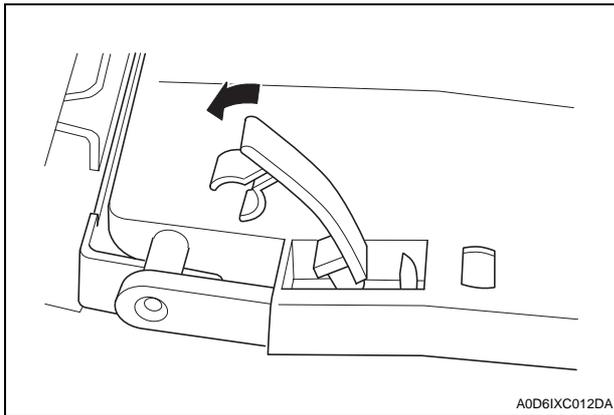
16. Press the horizontal transport unit up against the rear side.

**Note:**

Make sure that the gear on the finisher and that on the horizontal transport unit are in positive mesh with each other.



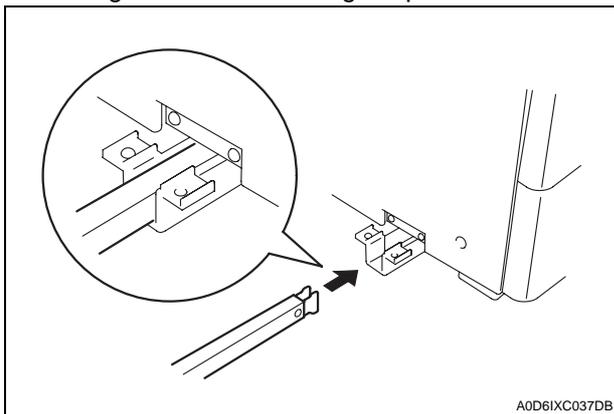
17. With the horizontal transport unit kept in a level position, fit the lock lever into position.
18. Gently swing the horizontal transport unit down to the finisher side.



19. Insert the rail into the rail guide.
20. Protrude the leading edge of the rail out about 60 mm to the right from the right end of the machine.

**Note:**

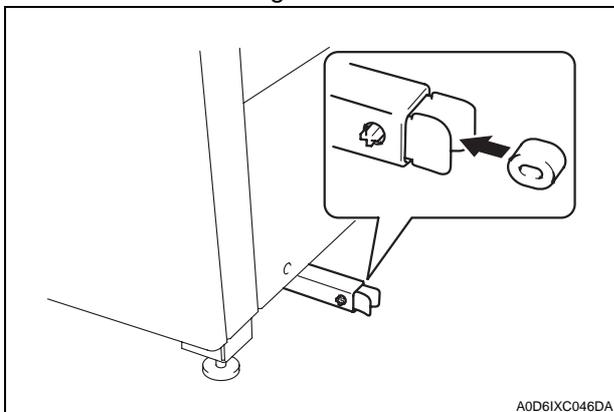
If the rail is pulled out more than necessary, it is caught by the flat spring fitted to the machine as it is brought back into the original position.



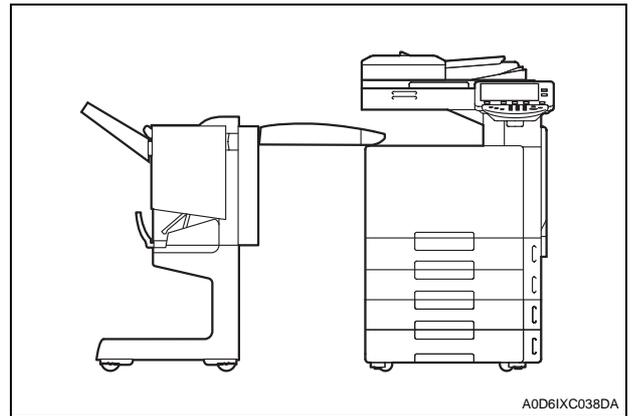
21. Insert the spacer into the rail.

**Note:**

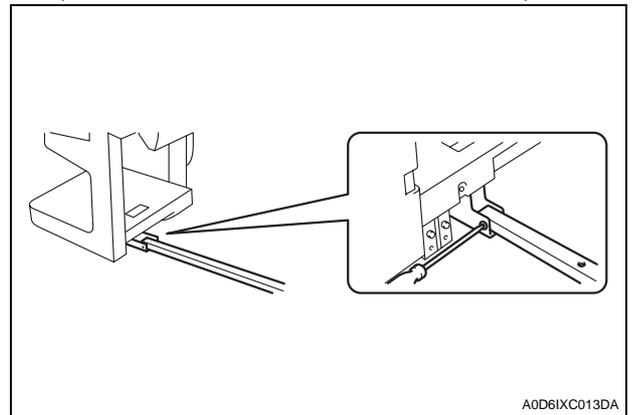
Slide out the rail to the left and check that it does not come off the rail guide.



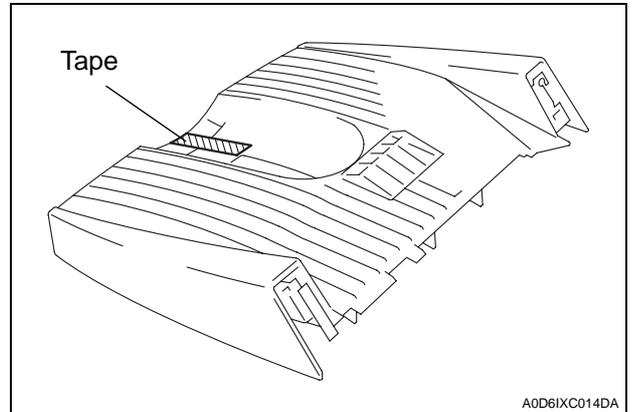
22. Place the horizontal transport unit on the exit section of the machine.



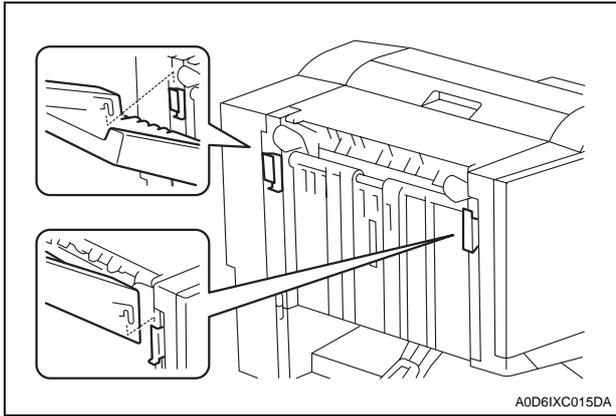
23. Attach the rail to the finisher (one screw B furnished with the finisher).



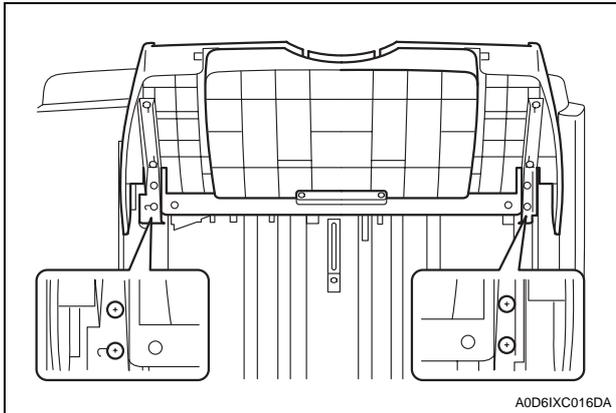
24. Remove protective tape of the exit tray.



25. Hook the mounting hooks of the exit tray onto the catches provided on the finisher exit section.

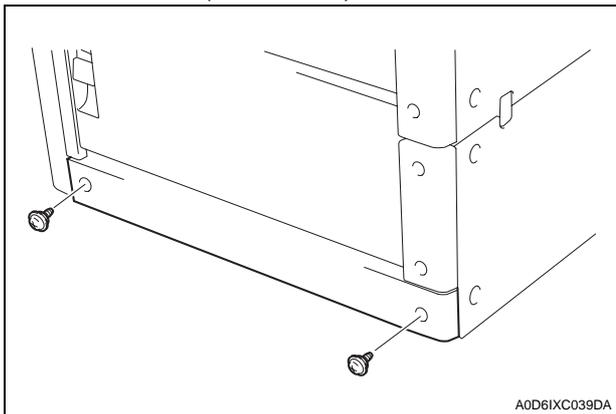


26. Secure the exit tray into position (four screw A's furnished with the finisher).



\* Steps 27 through 29 need to be performed when the machine is equipped with the 1 way paper feed cabinet or the 2 way paper feed cabinet.

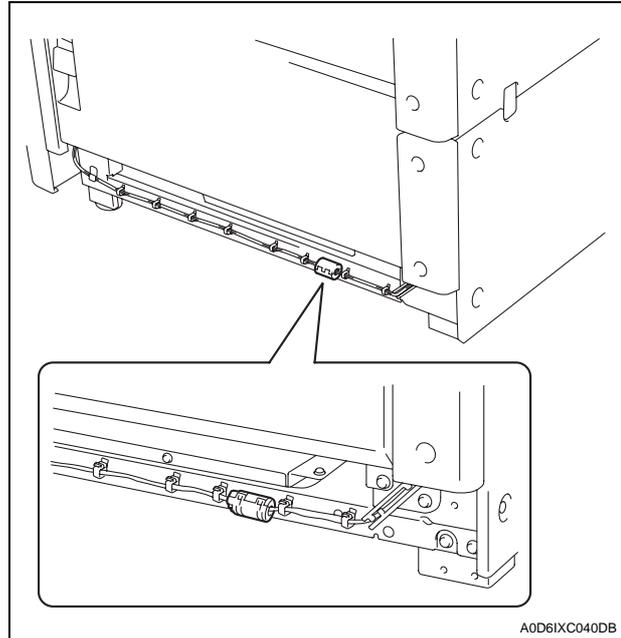
27. Remove the lower right cover from the paper feed cabinet (two screws).



28. Install the ferrite core furnished with the finisher as shown in the illustration.

**Note:**

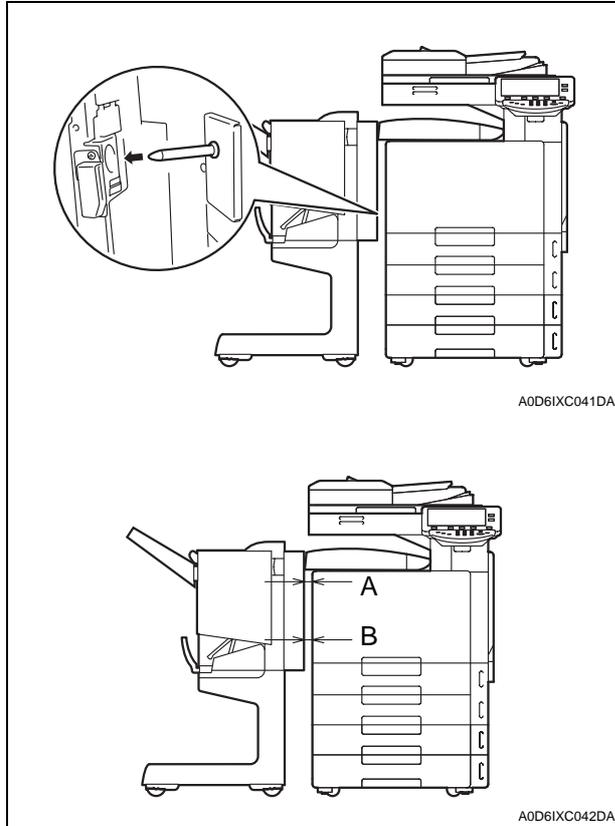
When installing the ferrite core, be careful so that the cable is not pinched between the upper and lower pieces of the ferrite core.



29. Attach the lower right cover that was removed in step 27.

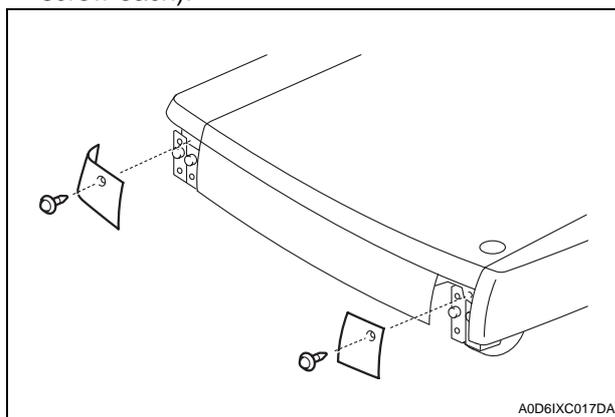
## V. Adjusting height and correct alignment

1. Gently move the finisher toward the machine and check for following.
  - Is the positioning pin aligned with the hole in the finisher?
  - Does the horizontal transport unit run excessively slantwise?
  - Does the clearance at A equal that at B?

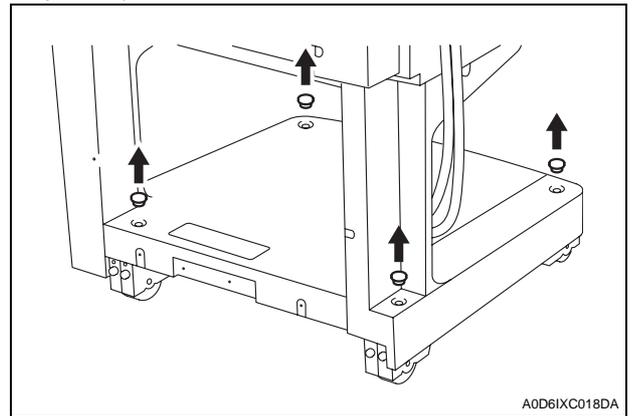


\* If the finisher is not at the same height as the machine, adjust the machine as follows.

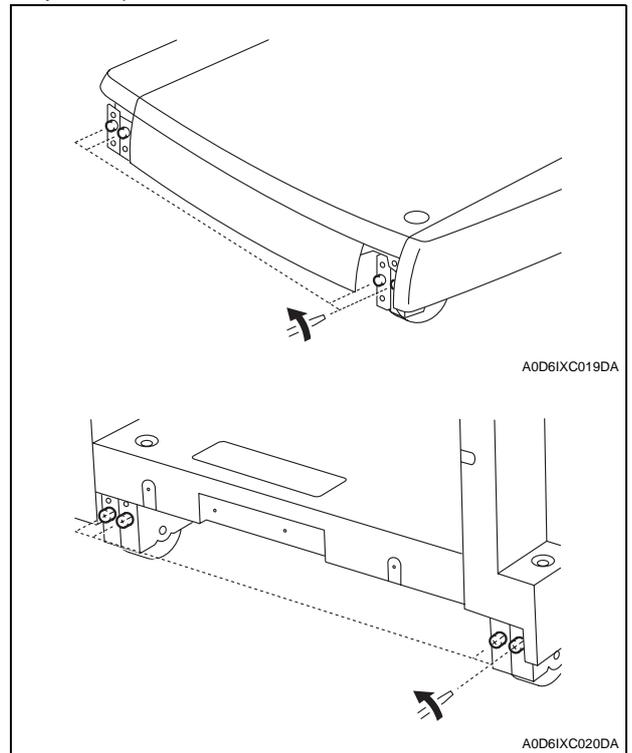
2. Keep away the finisher from the machine to remove the caster covers (at two places) (one screw each).



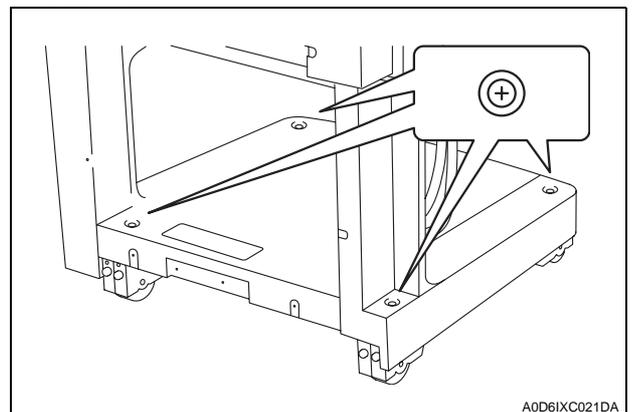
3. Remove the adjusting screw covers (at four places).



4. Loosen the two caster fixing screws (at four places).



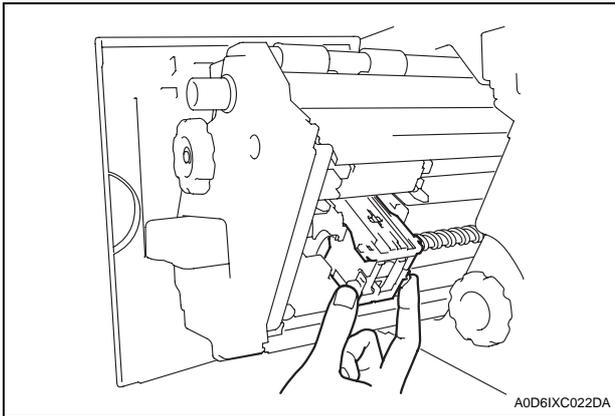
5. Turn the adjusting screw to make the adjustment.
  - To raise the finisher, turn the adjusting screw counterclockwise.
  - To lower the finisher, turn the adjusting screw clockwise.



6. Tighten the caster fixing screws which has been loosened in step 4.
7. Reinstall the adjusting screw covers which has been removed in step 3.
8. Reinstall the caster covers which has been removed in step 2 (one screw each).

## VI. Installing the staple cartridge

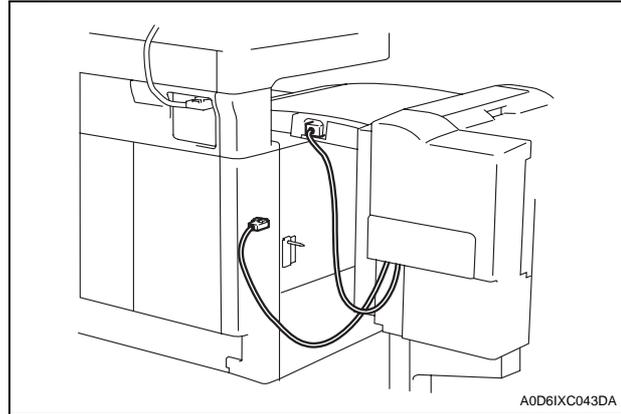
1. Open the front door of the finisher and slide out the staple unit.
2. Remove the staple cartridge from its protective bag.
3. Insert the staple cartridge into position until a click is heard.



4. Close the front door.

## VII. Connecting the hookup cord

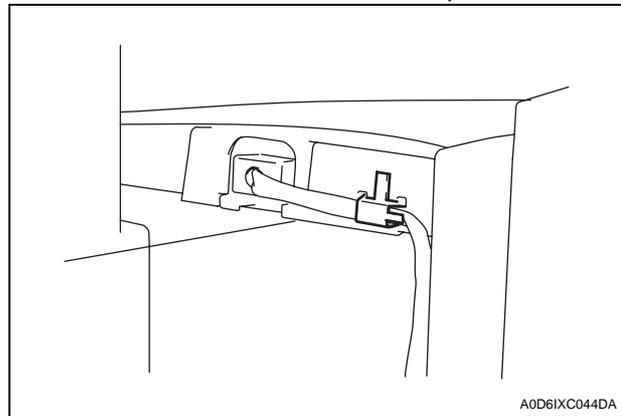
1. Connect the hookup cord to the horizontal transport unit and the machine.



2. Attach the cord clamp to secure the hookup cord that comes from the horizontal transport unit.

### Note:

There should be no slack in the cord between the lattice connector and the cord clamp.



## VIII. Removing the rail

1. Remove the screw on rail at the finisher side (one screw).
2. Disconnect the two hookup cords.
3. Remove the horizontal transport unit from the finisher, and then place it on top of the machine.
4. Carefully pull the finisher away from the machine.
5. Slide the rail under the machine, and then remove it from the right side of the machine.

## IX. Adjusting the staple position and fold position

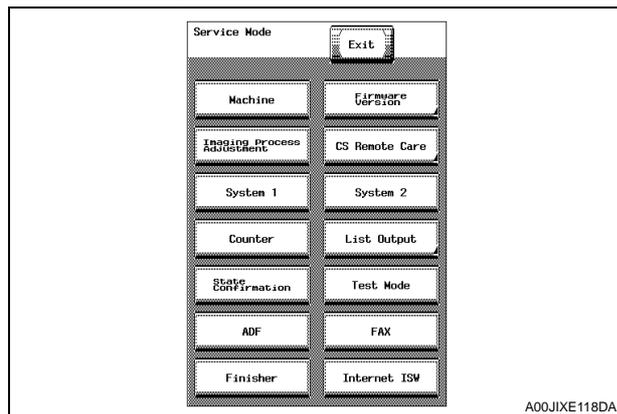
<Adjusting center-staple position>

-Machine equipped with an automatic document feeder-

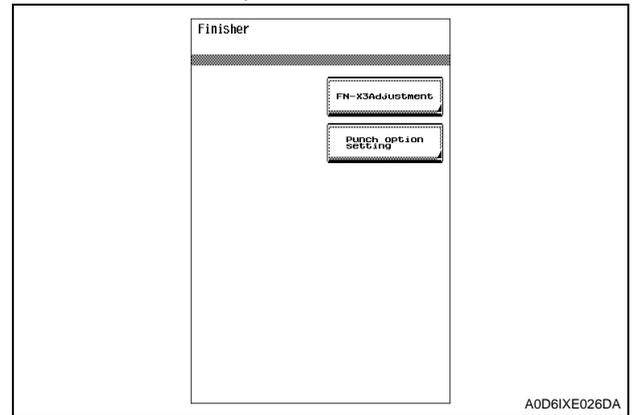
1. Load the drawer with A3  or Ledger  paper.
  2. Select the functions as follows:  
Finishing→Center Staple & Fold→Yes.
  3. Load a 5-page A3  or Ledger  document (blank sheets of paper may be used) in the document feeding tray.
- \* Use a 5-page document to minimize variations.
4. Press the Start key.
- \* For the subsequent procedures, follow from the step 7.

-Machine not equipped with automatic document feeder-

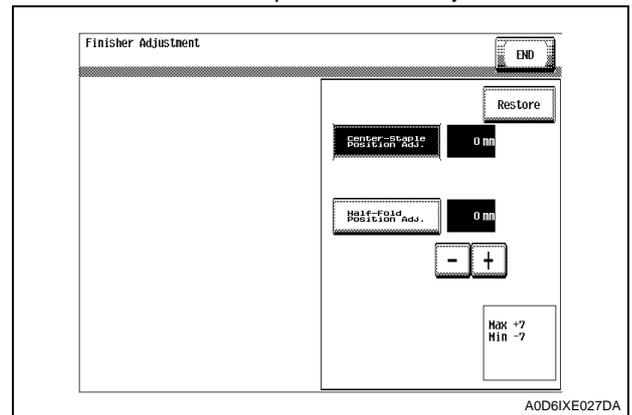
1. Load the drawer with A3  or Ledger  paper.
  2. Select the functions as follows:  
Finishing→Center Staple & Fold→Yes.
  3. Place an A3  or Ledger  original (a blank sheet of paper may be used) on the original glass.
  4. Press the Start key five times (to let the machine scan the original five times).
- \* Use a 5-page set to minimize variations.
5. Touch "Finish."
  6. Press the Start key.
- \* For the subsequent procedures, follow from the step 7.
7. Display the Service Mode screen.  
(For details of how to display the Service Mode screen, see the Service Manual.)
  8. Touch "Finisher."



9. Touch "FN-X3Adjustment."



10. Touch "Center-Staple Position Adj."

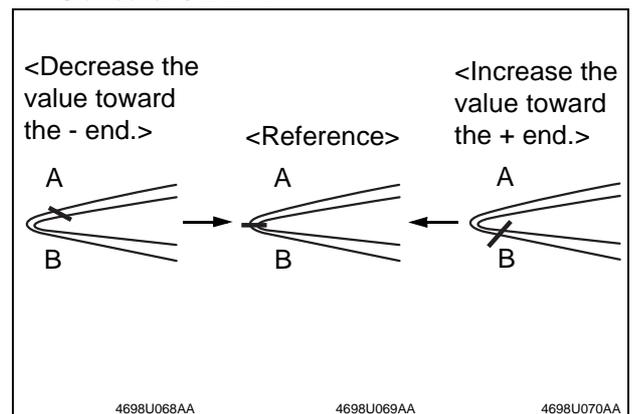


11. Fold the copy set fed out of the machine in half.  
\* Call the copy page facing up A and the that facing down B.
12. Check for any deviation between the stapled position and the newly folded crease.

### Note:

Use the newly folded crease, not the machine-folded one, for the check.

Standard:  $0 \pm 2$  mm



13. Use the  or  key to make the adjustment.  
If the staple is on the side of A, decrease the value toward the - end.  
If the staple is on the side of B, increase the value toward the + end.
14. Touch "END."
15. Touch "Exit" on the Service Mode screen.
16. Make the copy and check again.

<Adjusting fold-position>

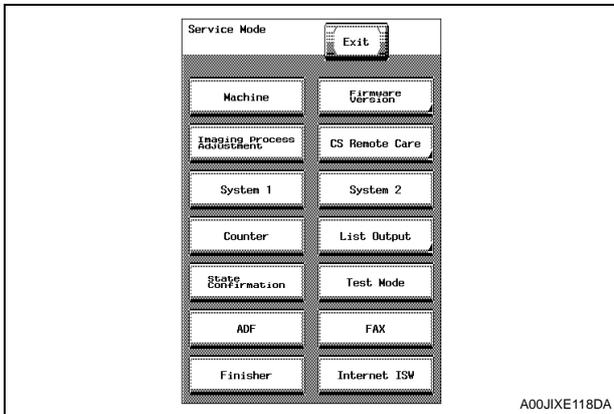
-Machine equipped with an automatic document feeder-

1. Display the basic screen.
2. Select the functions as follows:  
Finishing→Center Staple & Fold→Yes.
3. Load a 5-page A3  or Ledger  document (blank sheets of paper may be used) in the document feeding tray.  
\* Use a 5-page document to minimize variations.
4. Press the Start key.  
\* For the subsequent procedures, follow from the step 7.

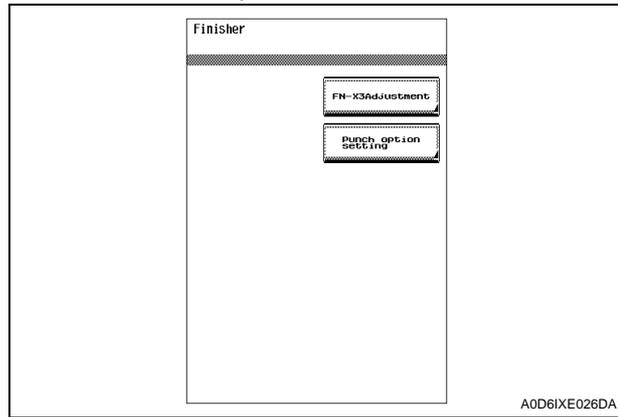
-Machine not equipped with automatic document feeder-

1. Display the basic screen.
2. Select the functions as follows:  
Finishing→Center Staple & Fold→Yes.
3. Place an A3  or Ledger  original (a blank sheet of paper may be used) on the original glass.
4. Press the Start key five times (to let the machine scan the original five times).  
\* Use a 5-page set to minimize variations.
5. Touch “Finish.”
6. Press the Start key.  
\* For the subsequent procedures, follow from the step 7.

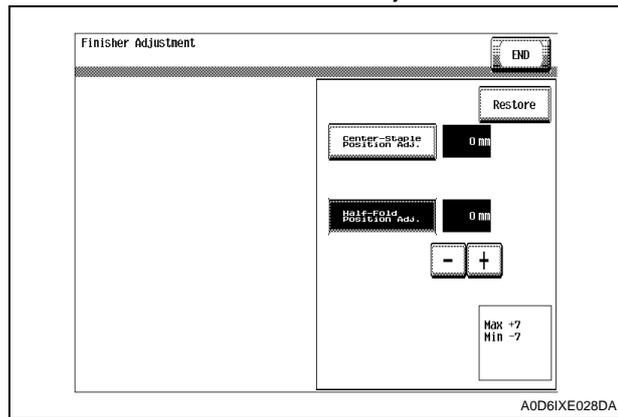
7. Display the Service Mode screen.  
(For details of how to display the Service Mode screen, see the Service Manual.)
8. Touch “Finisher.”



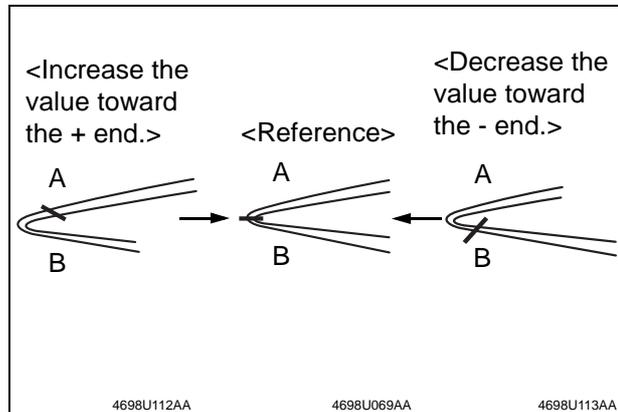
9. Touch “FN-X3Adjustment.”



10. Touch “Half-Fold Position Adj.”



11. Check for any deviation between the stapled position and the folded crease.  
\* Call the copy page facing up A and the that facing down B.  
Standard:  $0 \pm 2$  mm



12. Use the  or  key to make the adjustment.  
If the staple is on the side of A, increase the value toward the + end.  
If the staple is on the side of B, decrease the value toward the - end.
13. Touch “END.”

14. Touch "Exit" on the Service Mode screen.
15. Turn OFF and ON the Main Power Switch.

**Note:**

When displayed the Service Mode screen, be sure to turn off the main power after exiting the Service Mode screen and wait for 10 seconds or more before turning on.

16. Make the copy and check again.

## X. Affixing the Labels

Affix the labels to the position shown below.

