Installation Manual for B8300 and Its Peripheral Devices

To install the devices efficiently, follow the procedure below. Some peripheral devices may have been installed as standard devices depending on the main unit model. Part of descriptions and illustrations may be different.

1. Installation of driver software, setting, and operation check
   Main unit / B83H.........(P. 13)

2. Paper guide position adjustment/off center adjustment
   B83MP / B83LT / B83TT / Main unit / B83D ..............(P. 9 & 10)

3. Electrical setting/adjustment
   Install duplex/bypass device.
   B83D ............(P. 7)
   B83DB .........(P. 8)

   Install finishing device.
   Yes
   B83MB-Power Supply Unit... (P. 9)
   B83FS-Power Supply Unit..... (P. 10)
   B83SS ............(P. 11)
   B83THP / USP / FHP / FBP..(P. 12)

   No
   Finishing device installed?
   Yes
   No
   Hard Disk

*1: When installing a paper feeding device, an optional power supply unit or a duplex/bypass device, be sure to reattach the rear cabinet, the AC inlet cover, and the harness cover of the main unit at the end of installation as needed.
*2: When installing electrical devices, be sure to install them one at a time.
*3: Only off center adjustment is needed for B83D.
1. Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit to the “OFF” position. Then, remove the power plug of the main unit from the outlet.

2. Put the main unit of the printer on the multi purpose drawer.

3. Connect the main unit of the printer to the multi purpose drawer.

4. Connect the harness to the main unit of the printer.

5. Attach the harness cover.

6. Adjust the position of the paper guides of the paper tray.

7. Carry out the off center adjustment.
B83LT Installation Manual

FOR USE WITH COMPATIBLE CANON DIGITAL PRINTERS
INSTALLATION MANUAL TO DETERMINE SUITABILITY

<Before installation>
- Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.
- For installation, a power supply unit is needed.

1. Turn off the main switch of the main unit of the printer.
Turn the main switch located on the front side of the printer to the "OFF" position. Then remove the power plug from the outlet.

2. Attach the adjusters and adjust them.
  a) Insert the left adjusters to the stand/paper drawer.
  b) Turn each adjuster to lower it until it touches the floor.
  c) Attach the four adjusters.
  d) Be sure to attach the left adjuster to prevent overturning.

3. Pull the main unit of the printer on the stand/paper drawer.
  a) Pull out the paper tray of the main unit until it stops and then remove it by lifting both ends of the tray.
  b) Hold the main unit of the printer as shown in the illustration and put the main unit on the stand/paper drawer so that the front side and the left side of the main unit are aligned to those of the stand/paper drawer.

4. Connect the main unit to the stand/paper drawer.
  a) Attach the two rear mounting plates using a supplied screw for each.
  b) Insert the left adjusters to the stand/paper drawer.
  c) Put the rear mounting plate on the left side of the main unit.

5. Remove the cabinet of the stand/paper drawer and remove the AC inlet cover.
  a) Remove the four screws that fix the rear cabinet and then remove the rear cabinet.
  b) Remove the screw that fixes the AC inlet cover and then remove the AC inlet cover.
  c) Cut out the AC inlet cover as shown in the illustration.

6. Attach the power supply unit.
Attach the power supply unit to the brackets and secure it using the three supplied screws.

7. Connect the power supply harness to the PCU PWB of the main unit of the printer.
  a) Remove the screw that holds the harness cover of the main unit of the printer. Then, slide the harness cover up to remove it.
  b) Cut out the harness cover as shown in the illustration.
  c) Connect the optional power supply harness connector to CN11 (solid connector) of the PCU PWB of the main unit of the printer.

8. Connect the relay harness of the stand/paper drawer to the power supply unit.
Connect the relay harness of the stand/paper drawer to the connector of the power supply unit.

9. Attach the rear cabinet of the stand/paper drawer.
  a) Place the power supply unit into the hole of the rear cabinet and attach the rear cabinet to the stand/paper drawer.
  b) Attach the AC inlet cover to the rear cabinet of the stand/paper drawer and fix it with the removed screw.

10. Connect the AC cord of the power supply unit to the main unit of the printer.
Connect the AC cord of the power supply unit to the inlet connector of the main unit of the printer. Then remove the lock of the stand/paper drawer and connect the AC cord of the main unit of the printer.

11. Attach the paper guides to the lower tray.
Remove the four screws for packing. Then slide the harness cover up to remove it.

12. Adjust the position of the paper guides of the upper paper tray of the stand/paper drawer.
  a) To use the setting mode, insert the power plug of the main unit of the printer to the outlet and turn the main switch on while pressing the [MENU] key and the [OK] key of the operation panel of the main unit of the printer.
  b) Press the [MENU] key several times to display "SIZE ADJUSTMENT A" and press the [OK] key.
  c) "MAXIMUM SIZE" is displayed. Pull out the paper tray and extend the paper guides to the maximum. Then, return the paper tray into the unit and press the [OK] key.

13. Carry out the off center adjustment.
Installation is now complete.
- Before installation:
  - Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.
  - For installation, a power supply unit (AR-DC1) is needed.
  
- Parts included:
  - Left adjuster plate: 1 pc.
  - Front mounting plate: 3 pcs.
  - Screws (M4): 4 pcs.
  - Screws (M6): 4 pcs.
  - Screws (M8): 4 pcs.
  - Screws (M10): 4 pcs.
  - Adhesive tape: 1 piece.

1. Turn the main switch of the main unit of the printer.
   - Turn the main switch located on the front side of the printer to the “OFF” position. Then remove the power plug from the outlet.

2. Attach the adjusters and adjust them.
   - Insert the left adjuster to the location shown in the illustration. Then, turn the five adjusters to lower them until they touch the floor. Also, attach the four adjuster covers.
   - Be sure to attach the left adjuster to prevent overmatching.
   - [Caution] The lower tray cannot be pulled out unless the adjuster is adjusted to the specified position.

3. Put the main unit of the printer on the stand/paper drawer.
   - Pull out the upper tray of the stand/paper drawer until it stops, and attach the two front mounting plates using a supplied screw for each. Then, remove the lock of the middle tray and the lower tray similarly.
   - Cut out the AC inlet cover as shown in the illustration.

4. Connect the main unit to the stand/paper drawer.
   - Attach the main unit to the stand/paper drawer using a supplied screw for each.

5. Remove the rear cabinet of the stand/paper drawer and remove the AC inlet cover.
   - Pull out the upper tray of the stand/paper drawer until it stops, and attach the two front mounting plates using a supplied screw for each. Then, remove the lock of the middle tray and the lower tray similarly.
   - Remove the four screws that fix the rear cabinet, and then remove the rear cabinet.

6. Attach the main unit to the stand/paper drawer.
   - Attach the power supply unit to the brackets and secure it using the three supplied screws.

7. Connect the power supply unit harness to the PCU PWB of the main unit of the printer.
   - Connect the harness to the connector of the main unit of the printer at the location shown in the illustration.

8. Connect the relay harness of the stand/paper drawer to the power supply unit.
   - Connect the relay harness of the stand/paper drawer to the connector of the power supply unit.

9. Attach the rear cabinet of the stand/paper drawer.
   - Attach the AC inlet cover to the rear cabinet of the stand/paper drawer. Then remove the AC inlet cover. If the setting above is not adjusted, the paper detection function will not operate.

10. Connect the AC cord of the power supply unit to the main unit of the printer.
    - Connect the AC cord of the power supply unit to the inlet connector of the main unit of the printer at the location shown in the illustration.

11. Adjust the position of the paper guides of the upper paper tray of the stand/paper drawer.
    - To use the setting mode, insert the power plug of the main unit of the printer to the outlet and turn the main switch on while pressing the [MENU] key and the [OK] key of the operation panel of the main unit of the printer.
      - After pressing the [MENU] key several times to display “SIZE ADJUSTMENT A” in the message display and press the [OK] key.
      - If “MAXIMUM SIZE” is displayed, pull out the paper tray and adjust the paper guides to the maximum. Then, return the paper tray into the unit and press the [OK] key.

12. Carry out the off center adjustment.
    - If the setting above is not carried out, the paper detection function will not operate.

Installation is now complete.
1. Select an installation location.

- **Installation requirements**
  Selection of installation location is important to the performance of the machine. Consider the following conditions.

- **Environment**
  (1) Avoid locations subject to direct sunlight as plastic parts may be deformed.
  (2) Avoid high temperature and high humidity locations or where temperatures change rapidly such as near a heater or air conditioner. Rapid changes can cause paper to become damp and condensation to form within the machine resulting in misfeeds and deterioration of image quality.
  (3) Avoid a dusty location and a location subject to vibration. If dust enters the machine, deterioration of image quality or a failure may occur.
  (4) Do not install the machine in a location that is not stable. Be sure to install the machine on a level surface to maintain proper functions.
  (5) Avoid poorly ventilated areas.
  (6) Avoid areas near combustibles or any ammonia present.

- **Space around the machine**
  Install the machine so that the rear side is at least 30 cm from any wall or other object to allow the machine’s cooling fan and ventilation to be effective. Allow sufficient space around the machine for operation and servicing.

- **Stand**
  Ensure that the machine is leveled using a level or the like. If the machine is not placed on a level surface, the toner density control may not function properly, resulting in poor image quality.

- **Grounding**
  (1) Be sure that the machine is properly grounded. Use a proper ground such as the grounding terminal on an outlet or according to local grounding requirements.

<table>
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<th>Humidity</th>
<th>Temperature</th>
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</tr>
<tr>
<td>20</td>
<td>Max: 20%</td>
<td>20°C-35°C</td>
</tr>
</tbody>
</table>

3. Check the parts included.

- **1** Check that the following items are included with this machine.
  - Drum / Toner cartridge
  - Developer cartridge
  - CD-ROM
  - Safety and Warranty information
  - User Guide (may be on CD-ROM)

2. Remove the main unit from the carton (requires two people)

- **1** Remove the cushioning materials from the right and left of the front side.
- **2** Remove the locking tape from the right and left sides of the tray. Then, remove the top of the carton and lower the plastic bag covering the machine while the machine is still on the carton base.
- **3** Remove the packing tape from the paper tray, pull out the paper tray until it stops and remove it by tilting it upward.

One person must lift by the empty front tray pocket with the right hand and steady the machine with the left hand placed at the upper left of the machine. The other person must lift with the right hand by using the lifting recess in the rear of the machine and also steady the machine with the left hand as shown in the illustration.

4. Install the main unit.

- **1** Remove the remainder of packing tape from the operation panel.
- **2** Raise the lever of the left door to unlock it and open the left door.
- **3** Open the front cover.
- **4** Rotate the developer unit lock lever down.
- **5** Remove the protective covering from the toner/drum cartridge.
- **6** Shake the toner/drum cartridge horizontally approximately 5 times.
1. Pull out the paper tray. Gently pull out the paper tray until it stops.

2. Load paper into the tray. Do not exceed the maximum height line. (up to 500 sheets of OKI recommended paper can be loaded)

3. Apply pressure to the fusing roller. Raise the right and left levers of the fusing unit in the direction indicated by the arrow.

4. Close the front cover. Gently close the cover.

5. Close the left door.

6. Open the paper tray. Gently pull out the paper tray until it stops.

7. Load paper into the tray. Do not exceed the maximum height line. (up to 500 sheets of OKI recommended paper can be loaded)

8. Insert the power plug into an outlet.

Caution
If the outlet is also used for lighting fixtures, the lighting fixtures may flicker.
Use an outlet which is not connected to lighting fixtures.

9. Turn on the main switch of the main unit. Automatic level adjustment of toner density sensor will start and a message indicating [WARMING UP] will appear on the operation panel. After the level adjustment is complete, the ready indicator will light up.

Caution
While automatic adjustment of the toner density sensor is being done, do not turn the power to the machine off. This will cause improper adjustment.

7. Check the printer operation
For installation of printer drivers on the computer refer to the Operation manual (for printer operation and general information) supplied with the machine.
After driver installation, execute a test print to ensure normal printing.

* If another peripheral device must be installed, carry out the following step at the end of the installation work:

1. Connect the machine to the computer
• When connecting to a parallel port:
The parallel interface of this machine conforms to IEEE-STD-1284-1983.
Use a commercially available shielded type parallel interface cable conforming to the specifications of both the machine and the computer.
The connector on this machine is a 36-pin Amphenol female connector.

For the specifications of the connector on the computer, see the operation manual of the computer.
<Before Installation>

- Carry out the installation after checking that the DATA indicator on the operation panel is neither lit nor blinking.
- For installing B83D, an optional desk (multi-purpose drawer, stand/3 x 500 sheet paper drawer or stand/MPD & 2000 sheet drawer) must have been installed.
- Ensure that the front mounting plates and the rear mounting plates included with the optional stand/paper drawer are securely attached.
- Check that the left adjuster supplied with an optional stand/drawer has been attached.

1. Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit of the printer to the“OFF”position. Then, remove the power plug of the main unit of the printer from the outlet.

2. Remove the left side cover of the main unit of the printer.

Unlock the lock release lever of the main unit of the printer and then pull out the left door. Slide the two upper covers up to remove them. Remove the lower cover by inserting a flat blade screwdriver at three locations (①) shown in the illustration. Then, close the left door.

3. Attach the duplex module to the main unit of the printer.

<1> Hang the hooks located at the upper part of the duplex module on the openings of the left door of the main unit of the printer.

<2> Push the lower part of the duplex module to insert the positioning bosses securely into the main unit of the printer.

<3> Tighten the two screws built in the duplex module.

4. Connect the harness to the main unit of the printer.

<1> Remove the screw that fixes the harness cover of the main unit of the printer and then slide the harness cover up to remove it.

<2> Cut out the harness cover as shown in the illustration.

<3> Connect the connector of the relay harness of the duplex module to the CN12 (white connector) of the PCU PWB of the main unit of the printer.

<4> Insert the snap bands to the locations shown in the illustration and fix them.

<5> Secure the earth harness using a supplied M4 screw.

6. Reattach the harness cover to its original position and fix it with the removed screw.

* If another peripheral device must be installed, carry out the following step at the end of the installation work.

5. Carry out the off center adjustment.

Installation is now complete.
1. Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit of the printer to the "OFF" position. Then, remove the power plug of the main unit of the printer from the outlet.

2. Remove the left side cover of the main unit of the printer.

Unlock the lock release lever of the main unit of the printer and then pull out the left door. Slide the two upper covers up to remove them. Remove the lower cover by inserting a flat-blade screwdriver at three locations ( ) shown in the illustration. Then, close the left door.

3. Attach the duplex module to the main unit of the printer.

<1> Hang the hooks located at the upper part of the duplex module on the openings of the left door of the main unit of the printer. 

<2> Push the lower part of the duplex module to insert the positioning bosses securely into the main unit of the printer. 

<3> Tighten the two screws built in the duplex module.

4. Connect the harness to the main unit of the printer.

<1> Remove the screw that fixes the harness cover of the main unit of the printer and then slide the harness cover up to remove it.

<2> Process the harness cover as shown in the illustration.

<3> Connect the connector of the relay harness of the duplex module to the CN12 (white connector) of the PCU PWB of the main unit of the printer.

<4> Insert the snap bands to the locations shown in the illustration and fix them.

<5> Secure the earth harness using the supplied M4 screw. 

5. Attach the exit tray.

6. Adjust the position of the paper guides of the bypass tray.

<1> To use the setting mode, insert the power plug of the main unit of the printer to the outlet and turn the main switch on while pressing the [MENU] key and the [OK] key of the operation panel of the main unit of the printer.

<2> After pressing the [MENU] key several times to display "SIZE ADJUSTMENT A" in the message display, press the [ ] key to display "SIZE ADJUSTMENT B" and press the [OK] key.

<3> "MAXIMUM SIZE" is displayed. Since "MAXIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MAX] written on the label ( ) and then press the [OK] key.

<4> Since "P1 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P1] written on the label ( ) and then press the [OK] key.

<5> Since "P2 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P2] written on the label ( ) and then press the [OK] key.

<6> Since "MINIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MIN] written on the label ( ) and then press the [OK] key.

(Caution)
If the setting above is not carried out, the paper detection function will not operate.

6. Adjust the position of the paper guides of the bypass tray.

<1> To use the setting mode, insert the power plug of the main unit of the printer to the outlet and turn the main switch on while pressing the [MENU] key and the [OK] key of the operation panel of the main unit of the printer.

<2> After pressing the [MENU] key several times to display "SIZE ADJUSTMENT A" in the message display, press the [ ] key to display "SIZE ADJUSTMENT B" and press the [OK] key.

<3> "MAXIMUM SIZE" is displayed. Since "MAXIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MAX] written on the label ( ) and then press the [OK] key.

<4> Since "P1 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P1] written on the label ( ) and then press the [OK] key.

<5> Since "P2 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P2] written on the label ( ) and then press the [OK] key.

<6> Since "MINIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MIN] written on the label ( ) and then press the [OK] key.

(Caution)
If the setting above is not carried out, the paper detection function will not operate.

Installation is now complete.
<Before installation>

- Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.
- For installation of B83MB, an optional stand/paper drawer (stand/MFP & 2000 sheet paper drawer, stand/3 x 500 sheet paper drawer or multi purpose drawer) must have been installed.
- If a multi purpose drawer has been installed, a power supply unit is needed additionally.

<Parts included>

- Tray: 1 pc.
- Screws A (M4x8): 5 pcs.
- Screws B: 1 pc.
- Mounting plate: 1 pc.

1. Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit to the "OFF" position.

2. Remove the upper cabinet of the stand/paper drawer.

- Remove the four screws of the cabinet attached to the right side of the main unit of the printer and remove the cabinet.
- Remove the AC inlet cover.

3. Attach the mail-bin stacker.

- Remove the paper unit actuator from the main unit of the printer.
- Install the stand frame and the cabinet on the stand/paper drawer temporarily.
- Pass the AC cord of the power supply unit harness to the rear cabinet of the stand/paper drawer.

4. Attach the tray.

Remove the two screws that secure the rear cabinet and remove the cabinet.

5. Process the AC inlet cover attached to the rear cabinet of the stand/paper drawer.

- Process the AC inlet cover as shown in the illustration.

6. Attach the power supply unit.

- Attach the power supply unit to the brackets and secure it using the supplied three screws.

7. Connect the power supply unit harness to the PCU PWB of the main unit of the printer.

- Fit the harness cover to its original position and fix it with the removed screw.
- Connect the power supply unit harness connector to CN11 (red connector) of the main unit of the printer.

8. Remove the AC inlet cover and then remove the rear cabinet of the stand/paper drawer.

- Pass the harness of the mail-bin stacker between the power supply unit and the frame of the stand/paper drawer and connect it to the connector of the power supply unit.
- Fit the snap band attached to the mail-bin stacker at the position shown in the illustration.

9. Arrange the harness of the mail-bin stacker.

- Pass the harness of the mail-bin stacker to the rear cabinet of the stand/paper drawer.
- Attach the AC inlet cover to the rear cabinet of the stand/paper drawer and fix it with the removed screw.

10. Attach the rear cabinet of the stand/paper drawer.

- Attach the AC inlet cover to the rear cabinet of the stand/paper drawer.

11. Connect the AC cord of the optional power supply unit to the main unit of the printer.

- Connect the AC cord of the optional power supply unit to the connector of the main unit of the printer.
- Remove the AC inlet cover and then remove the AC inlet cover.

Installation is now complete.
<Before installation>

- Start installation after checking that the DATA and COMMUNICATION indicators on the operation panel are neither lit nor blinking.

- For installation of B83F, an optional stand/paper drawer (stand/MFD A 2000 sheet paper drawer, stand/MFD A 500 sheet paper drawer or multi purpose drawer) must/has been installed.

Also if a multi purpose drawer has been installed, a power supply unit is needed additionally.

<Parts included>

- Tray 1: 1 pc.
- Tray 2: 1 pc.
- Screws A (M4x8): 5 pcs.
- Screws B: 1 pc.
- Mounting plates: 2 pcs.
- Cabinet
- Staple cartridge: 1 pc.
- Stapling position labels: 2 sheets
- Gestetner: 1 pc.
- Wire saddle

<1> Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit to the "OFF" position.

<2> Remove the upper cabinet of the stand/paper drawer.

- Pull out the tray of the stand/paper drawer temporarily.
- Remove the four screws from the upper side of the stand/paper drawer and remove the cabinet.

<3> Attach the finisher.

- Remove the paper exit actuator from the main unit of the printer.
- Raise the relay unit at the side of the finisher.

[Caution] Do not press on the relay unit while it is raised. Doing so may deform or damage the unit.

<4> Insert the staple cartridge.

- Insert the staple cartridge into the mounting plate under the desk frame.
- Mount screw B to the positions shown in the illustration.
- Attach tray 1 and tray 2 to the positions shown in the illustration.

<5> Attach the trays.

Steps 6 and after are the procedure to be carried out when a multi purpose drawer has been installed.

If a stand/MFD A 2000 sheet paper drawer or a stand/3 x 500 sheet paper drawer has been installed, carry out steps 6 and after.

<6> Process the AC inlet cover attached to the rear cabinet of the stand/paper drawer.

- Attach the power supply unit harness to the POU PWB of the main unit of the printer.
- Connect the AC cord of the power supply unit to the power inlet connector of the main unit of the printer.
- Connect the AC cord of the optional power supply unit to the main unit of the printer.
- Process the AC inlet cover attached to the rear cabinet of the stand/paper drawer.

10. Remove the AC inlet cover and then remove the rear cabinet of the stand/paper drawer.

- Remove the AC cord of the power supply unit from the inlet connector of the main unit of the printer.
- Fix the harness securely to the rear cabinet and then remove the rear cabinet.

11. Attach the rear cabinet of the stand/paper drawer.

- Pass the harness of the finisher between the power supply unit harness connector to CN11 (red connector) of the PCU PWB of the main unit of the printer.
- Fix the harness cover as shown in the illustration.

12. Process the AC inlet cover attached to the rear cabinet of the stand/paper drawer.

- Attach the harness cover to its original position and fix it with screws A.
- Process the AC inlet cover as shown in the illustration.

13. Connect the AC cord of the optional power supply unit to the main unit of the printer.

- Attach the AC cord of the power supply unit to the inlet connector of the main unit of the printer.
- Process the AC inlet cover attached to the rear cabinet of the stand/paper drawer.

Installation is now complete.
B83SS Installation Manual

FOR USE WITH COMPATIBLE OKI DIGITAL PRINTERS

Before installation:
For installation of B83SS, an optional stand/paper drawer (stand/MPD & 2000 sheet drawer or stand/3 x 500 sheet paper drawer) and a duplex module B83D must have been installed. Also a power supply unit is needed.

Installation:
1. Turn off the main switch of the main unit of the printer.

- Turn the main switch located on the front side of the main unit to the "OFF" position. Then remove the power plug of the main unit from the outlet.

2. Attach the lock securing plate to the duplex module.

- Remove the two pieces of packing tape from the locations shown in the illustration.
- Attach the lock securing plate to the duplex module using screws C and D (one for each).

3. Work the stand/paper drawer.

- Open the panel of the left adjuster to both sides to attach it and then adjust the lower part using a flat-blade screwdriver or the like and remove them using a flat-blade screwdriver or the like.

4. Attach the grounding plate to the stand/paper drawer.

- Remove the two screws that fix the exterior of the stand/paper drawer.
- Then, attach the front mounting plate and the rear mounting plate to the stand/paper drawer using screws C (two for each).

5. Install the staple unit to the finisher.

- Remove the two pieces of packing tape from the locations shown in the illustration.
- Open the front cover of the finisher and insert the staple unit.
- Attach the lock securing plate to the duplex module.

6. Check and adjust the height of the finisher.

- Move the finisher toward the printer and check to see if the guide pin of the locking plate is positioned to the connecting hole of the finisher.
- If it is not inserted smoothly, use the following procedure to adjust the height.
- If the guide pin of the lock securing plate is not aligned with the connecting hole of the finisher:
  - Loosen the screw at the adjusting part of the main unit.
  - Remove the guide pin from the connecting hole of the finisher.
  - Adjust the height adjusting pin so that the guide pin is positioned to the center of the connecting hole of the finisher.
  - Loosen the screw at the front adjusting portion.
  - If the guide pin can be inserted smoothly, tighten the screws of the adjusting portion and mount the caps.

7. Connect the finisher to the stand/paper drawer.

- Put the finisher into the main unit.
- If the gap becomes uniform, tighten the screws at the adjusting portions and reinstall the caps and sub covers.

8. Paste the stapling position labels.

- Paste the labels to the positions shown in the illustration.

9. Remove the AC inlet cover from the rear cabinet of the stand/paper drawer.

- Remove the screw that fixes the AC inlet cover and then remove the AC inlet cover.

10. Connect the finisher connector.

- Connect the finisher connector to the stand/paper drawer.
- Tighten the screw of the connector.

11. Turn on the main switch of the main unit.

- Insert the power plug of the main unit to the outlet.
- Turn on the main switch of the main unit.

- Installation is now complete.
<Before installation>
For installation of B83THP / USP / FHP / FBP, a saddle stitch finisher B83SS must have been installed.

1. Turn off the main switch of the main unit of the printer.
Turn the main switch located on the front side of the main unit to the "OFF" position. Then remove the power plug of the main unit from the outlet.

2. Remove the front cover from the right front of the finisher.
Remove the screws A and B (two for each) that secure the finisher front cover and remove the front cover.

3. Remove the front cabinet and the rear cabinet from the finisher.
Open the front door of the finisher and remove the jam handling dial.

4. Remove the top cover.
<1> Hang the two pawls of the top cover and separate the cover into the upper and lower portions. Reuse the upper portion.
<2> Remove the four top cover securing screws and remove the top cover.

5. Attach the punch module.
<1> Insert the two bosses of the punch unit into the boss holes of the finisher and fix the punch module using three screws.
<2> Remove the four front cabinet securing screws, pull out the staple unit until it stops, then remove the panel of the front cabinet in the direction indicated by the arrow and remove the front cabinet.

6. Connect the harness of the punch module to the PWB of the finisher.
Remove the clamps that fix the harness, handle the wiring of harness A (purple) and harness B (orange), and fix them with the clamps.

7. Reattach the covers that have been removed.
<1> Hang the two panels of the top cover and secure them using the two screws.
<2> Pass the relay harness to the rear cabinet and secure the rear cabinet using the three screws.
<3> Remove the lock release lever that has been attached to the rear cabinet. Push in the stop pin of the lock release lever to its original position, push in the stop pin and attach it using the two screws.
<4> Reattach the jam handling dial using a flat-blade screwdriver or the like and then insert it again.
<5> Remove the three rear cabinet securing screws, remove the panel in the direction indicated by the arrow, and remove the rear cabinet.
<6> Remove the relay harness through the opening of the rear cabinet.
<7> Remove the three screws that fix the rear cabinet and remove the rear cabinet.

8. Reattach the front cover to the right front of the finisher.
Attach the front cover using the screws A and B (two for each).

9. Paste the dust box label to the top cover.
Paste the supplied dust box label to the location indicated in the illustration.

10. Connect the connector to the stand/paper drawer and connect the AC cord of the power supply unit to the main unit of the printer.
Connect the connector of the relay harness of the finisher to the stand/paper drawer and tighten the screws of the connector.

Installation is now complete.
1. Turn off the main switch of the main unit of the printer.

Turn the main switch located on the front side of the main unit to the "OFF" position. Then remove the power plug from the outlet.

2. Remove the cables connected to the control PWB unit.

Remove all the cables connected to the control PWB unit of the main unit of the printer.

3. Remove the control PWB unit.

Remove the five screws that fix the control PWB unit to the main unit of the printer. Then, hold the two grips and pull out the printer control PWB unit to remove it from the main unit.

4. Mount the HDD expansion PWB to the control PWB.

- The procedure (shape of PWB) varies with the printer control PWB and the MFP control PWB.

   - In case of printer control PWB:
     1> Remove the screw at the position shown in the illustration among the screws that secure the hard disk to the HDD expansion PWB.
     2> Attach the supplied grounding plate to the HDD PWB as shown in the illustration and secure it using the screw that has been removed in step 1.
     3> Remove the three screws shown in the illustration among the screws that fix the printer control PWB.
     4> Mount supplied three PWB fixing screws to the positions from which three screws have been removed.
     5> Insert the HDD expansion PWB to the connector of the printer control PWB.
     6> Fix the HDD expansion PWB to the PWB fixing screws using the three screws that have been removed in step 1.
     7> Secure the grounding plate that has been attached to the HDD expansion PWB to the controller mounting plate using the supplied screw.

   - In case of MFP control PWB:
     1> Remove the three screws shown in the illustration among the screws that fix the MFP control PWB.
     2> Mount supplied three PWB fixing screws to the positions from which three screws have been removed.
     3> Insert the HDD expansion PWB to the connector of the MFP control PWB.
     4> Fix the HDD expansion PWB to the PWB fixing screws using the three screws that have been removed in step 1.

5. Attach the control PWB.

Attach the control PWB unit to the main unit of the printer and fix it using five screws.

6. Connect the cables to the control PWB.

Connect all the cables that have been removed in step 2 to the original positions of the printer control PWB unit.

- In case of printer control PWB
- In case of MFP control PWB

7. Turn on the main switch of the main unit of the printer.

Insert the power plug of the main unit of the printer to the outlet. Then, turn the main switch located on the front side of the main unit to the "ON" position.

8. Check the operation.

- For setting change of the printer drivers on the computer, see the supplied operation manual.

Then, execute printing from the computer using the print hold function to check for proper printing.
For Printer Models

For Printer Models

[1] Installation of driver software, setting, and operation check

- Applied model: Main unit
  Carry out installation of driver software and check of printing

1. Insert the power plug into an outlet.

Caution
If the outlet is also used for lighting fixtures, the lighting fixtures may flicker.
Use an outlet which is not connected to lighting fixtures.

2. Turn on the main switch of the main unit.
Automatic level adjustment of toner density sensor will start and a message indicating [WARMING UP] will appear on the operation panel. After the level adjustment is complete, the ready indicator will light up.

Caution
While automatic adjustment of the toner density sensor is being done, do not turn the power to the machine off. This will cause improper adjustment.

3. Check the printer operation
For installation of printer drivers on the computer refer to the Operation manual (for printer operation and general information) supplied with the machine.
After driver installation, execute a test print to ensure normal printing.

Applied model: B83HD
Carry out installation of driver software and check of printing

For setting change of the printer drivers on the computer, see the supplied operation manual.
Then, execute printing from the computer using the print hold function to check for proper printing.


- Applied model: B83DB
  Adjust the position of the paper guides of the bypass tray.

1. To use the setting mode, insert the power plug of the main unit of the printer to the outlet and turn the main switch on while pressing the [MENU] key and the [OK] key of the operation panel of the main unit of the printer.

2. After pressing the [MENU] key several times to display "SIZE ADJUSTMENT A" in the message display, press the [ ] key to display "SIZE ADJUSTMENT B" and press the [OK] key.

3. "MAXIMUM SIZE" is displayed.
Since "MAXIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MAX] written on the label (1 NOTE) and then press the [OK] key.

4. "P1 SIZE" is displayed.
Since "P1 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P1] written on the label (1 NOTE) and then press the [OK] key.

5. Since "P2 SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [P2] written on the label (1 NOTE) and then press the [OK] key.

6. Since "MINIMUM SIZE" is displayed with a number, press the [ ] key or the [ ] key to change the number so that the number is equal to the value of [MIN] written on the label (1 NOTE) and then press the [OK] key.

[Caution]
If the setting above is not carried out, the paper detection function will not operate.

For setting change of the printer drivers on the computer, see the supplied operation manual.
Then, execute printing from the computer using the print hold function to check for proper printing.
Carry out the off center adjustment.

1. To select the setting mode, insert the power plug of the main unit of the printer into an outlet and turn on the main switch while pressing the [MENU] key and the [OK] key simultaneously.

When carrying out the off center adjustment after paper guide position adjustment, this operation is not needed. (For B83D, this operation is needed.)

2. Press the [MENU] key repeatedly until "TEST PRINT 00" is displayed, and press the [OK] key.

3. Use the [MENU] key to select "MULTI SETTING" and enter "1" using the [▲▼] key.

4. Use the [MENU] key to select "PRINT PATTERN" and enter "1" using the [▲▼] key.

5. Use the [MENU] key to select "CASSETTE" and select the tray for which the off center adjustment is to be carried out using the [▲▼] key. (See the table below.)

6. Use the [MENU] key to select "DUPLEX" and select "USE" or "NO" using the [▲▼] key. (See the table below.)

7. Use the [MENU] key to select *** OFF CENTER ADJ *** corresponding to the option in the table below, press the [OK] key, and check that the printed line is positioned at the center of paper.

8. If the off center is displaced, use the [▲▼] key to adjust the value so that the line is positioned at the center. (Fig. 1 and 2)

Default: 50 (setting range: 0 to 99)
Increase of the value shifts the overall image toward the rear side.
Value 1 corresponds to 0.1 mm.

9. Turn off the main switch of the main unit of the printer and then turn on the switch again after several seconds.

The setting is now complete.

### Setting example for each model

<table>
<thead>
<tr>
<th></th>
<th>B83MP</th>
<th>B83LT</th>
<th>B83TT</th>
<th>B83D</th>
<th>B83DB</th>
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<tr>
<td>[MENU] key</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td></td>
<td>## TEST PRINT 00 ##</td>
<td>## MULTI SETTING ##</td>
<td>## PRINT PATTERN ##</td>
<td>## CASSETTE ##</td>
<td>## DUPLEX ##</td>
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<td>DESK 1</td>
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<td>T2</td>
<td>T2</td>
<td>T3</td>
<td>ADU</td>
<td>MFT</td>
</tr>
</tbody>
</table>

(*1) Load paper only in the left tray.  (*2) Load paper only in the right tray.