

Roll Paper Holder Start Guide

⚠ WARNING [Warning for Safety]

There is a risk of fire or electric shock if the roll paper holder is mounted with the power cord of the printer connected. Therefore, unplug the power cord before mounting the roll paper holder.

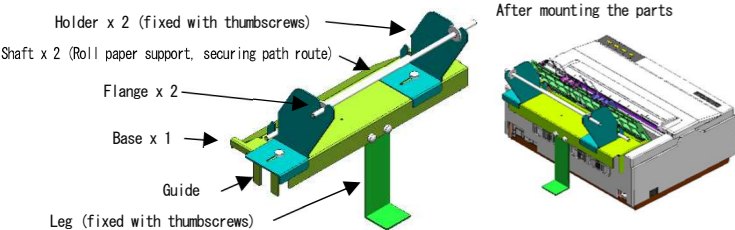
Mounting method of roll paper holder and paper feeding method

2. Mounting method and 3. Paper feeding method for the roll paper described in this start guide. see the moving image by reading the QR code on the right.



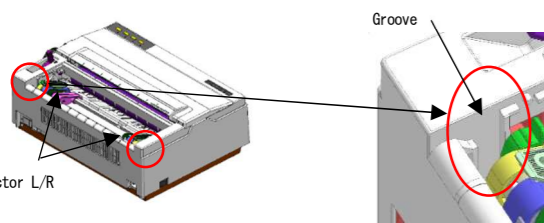
- Attention 1) When using the roll paper holder, print a test print pattern from "4. CONTROL PANEL OPERATION" in the printer's manual, and confirm that "APW" is "NO". If the item for "APW" is "YES", change the setting to "NO" according to "5 PRINTER SETTING CHANGES". When printing in the "YES" setting, the left margin may become unstable.
- Attention 2) Place the roll paper holder on a level and stable table.
- Attention 3) There is a risk of injury if you touch the edge of the sheet metal, the tip of the knob screw, or the tip of two shafts (For roll paper support and path route securing) when assembling roll paper holders, paper setting and use. So please be careful. Also, be careful not to drop parts during assembly. This may cause damage or injury.

1. Structure of roll paper holder



2. Mounting method

2-1. Align the guide of the base with the grooves on the left and right sides of the printer, and set from the top. Move the tractor L/R to the left edge position and the right edge position, respectively.

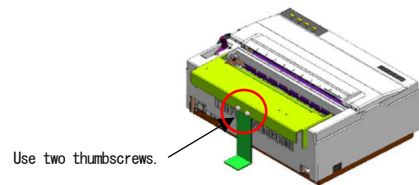


References: Section views after Mounting



2-2. Attach the legs to the base. (Use two of the supplied thumbscrews)

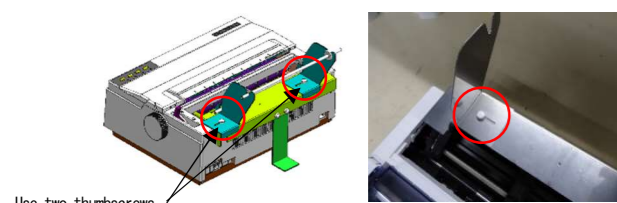
Ensure that the legs are parallel to the mounting surface to prevent the base from rattling. Position the L-shaped support face toward the rear of the printer.



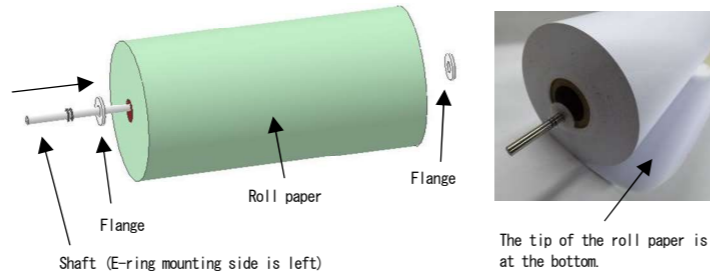
- Attention 4) If the legs are mounted in the opposite direction or if they have been forgotten to be mounted, there is a danger that roll paper holder may become unstable and may fall over. Therefore, attach the legs in the correct direction as shown above.

2-3. Attach the holder to the base. (Use two of the supplied thumbscrews)

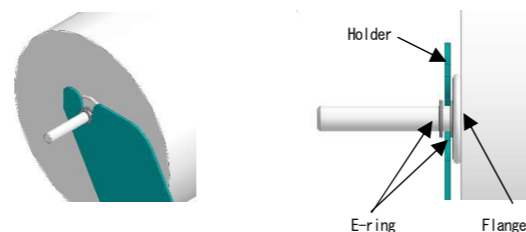
The mounting position varies depending on the width of the roll paper to be used. The figure on the lower left shows, the case when an 8.5-inch size is mounted. Press the back of the holder against the base to attach.



2-4. Pass the shaft and the flange through the roll paper. From the E-ring side of the shaft, insert the flange, the roll paper and then the flange. Attention the roll paper direction. (The tip of the roll paper is at the bottom.)

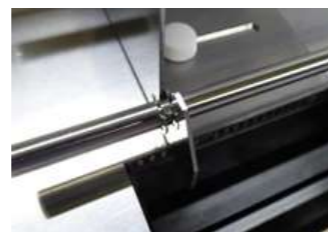


2-5. Mount the roll paper into the holder. The E-ring side is on the left when viewed from the front of the printer. Insert the holder between the E-rings.



- Attention 5) If the roll paper is placed on a table with the shaft inserted, there is a risk of rolling down the roll paper. Therefore, mount the roll paper into the holder immediately. Please be careful not to lose the flange.
- Attention 6) Insert the shaft through the roll paper and set it in the holder. If the roll paper holder is then removed from the printer, the shaft may fall out of the holder, causing damage or injury. Therefore, do not remove the roll paper holder after the roll paper is set.
- Attention 7) If roll paper is set to the holder so that it hits or falls, the table installation surface of the leg may be scratched by impact and vibration, so be careful not to give impact when setting roll paper.

2-6. Set the shaft for securing path route. Insert the holder between the E-rings.

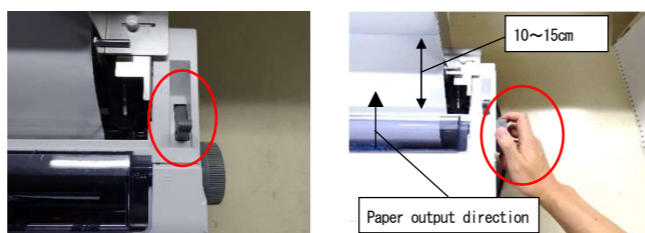


3. Paper feeding method for the roll paper

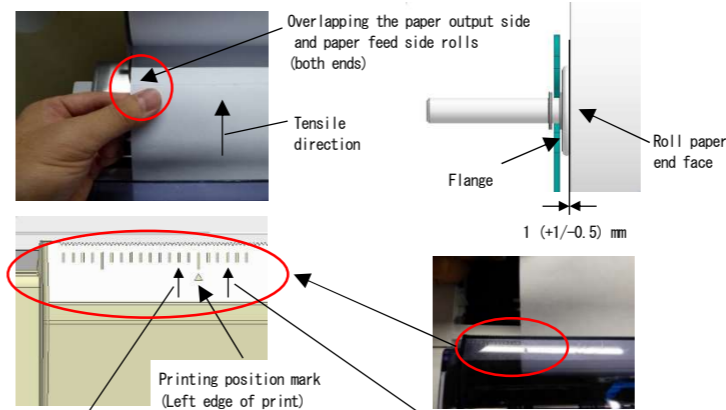
3-1. Feeds the roll paper. Turn on the printer. Set the print mode to "single sheet mode". (Depress the lever) Insert roll paper. When paper is detected, it is automatically inhaled.



3-2. Set the print mode to "Continuous paper mode". (Lift the lever) A warning tone (beep) sounds but ignore it. Then, turn the Paper feed knob to pull out the roll paper. (When taking out the roll paper, please make the length from the cover to the tip 10~15cm.)

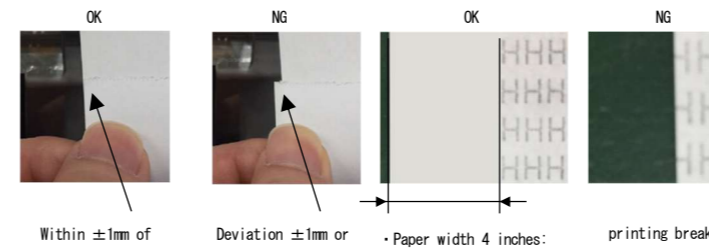


3-3. Stack the leading edge of the paper output side and the leading edge of the paper feed side. Lightly pull toward the rear of the printer (roll side), removing any slack and overlapping the ends. At the same time, there is a print start position mark on the body cover, so adjust the position using the mark as a guide. The reference of the left edge of the roll paper is the print start position mark. If the paper width is 8.3 or 8.5 inches, it is 2 graduations (about 5 mm) to the left from the reference. For 4 inches, it is 3 graduations (about 7.5 mm) to the right from the reference. Use this value as a guide for the paper width and print start position. Adjust the position of the holder as necessary. Adjust the clearance between the flange and the end face of the roll paper to 1 (+/-0.5) mm.



8.3 or 8.5 inches: Left side of 2 graduations from the printing position mark (about 5mm)
4 inches: Right side of 3 graduations from the printing position mark (about 7.5mm)

- Attention 8) Adjust the alignment so that the deviation between the left and right sides is about ±1mm when both sides of the paper overlap. (If the paper is deviated too much, the skew may overlap, causing interference between the tractor and the edge of the paper, causing the paper to break.)
- Attention 9) If the paper width is 4 inches, make sure that the paper end-print margin is at least 9 mm on either side. If the paper width is 8.3 or 8.5 inches, make sure that the paper end-print margin is at least 7 mm on either side.



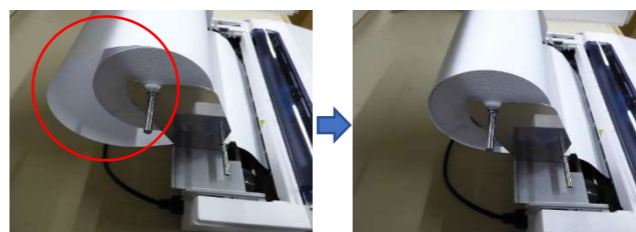
3-4. When you have finished adjusting the roll paper, set the print mode to "Single Sheet Mode".



3-5. Turn the Paper feed knob to return the roll paper. The position to return is near the top of the printhead. (See figure below)

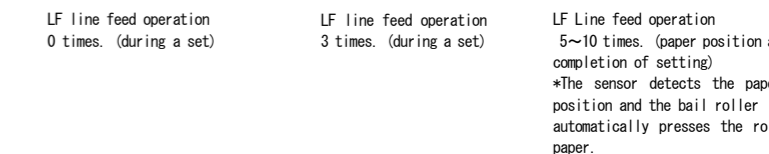
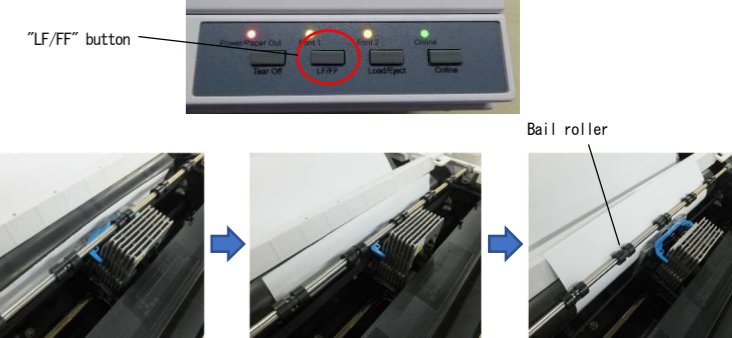


Position for returning the roll paper: near the top of the printhead (I am removing the cover for explanation)



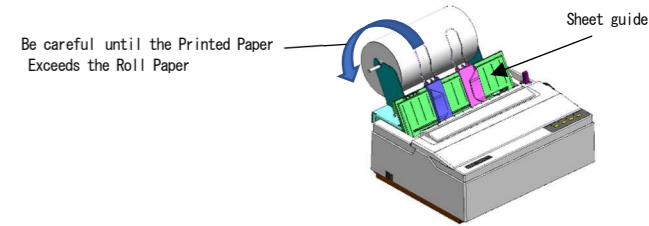
If necessary, adjust the slack of the roll paper on the paper feed side.

3-6. Press the "LF/FF" button to execute LF line feed operation. Perform LF line feed operation approximately 5~10 times. Prevents the gear backlash when the roll paper is returned (3-5). If this operation is not performed, line feed may be blocked at the beginning of printing.

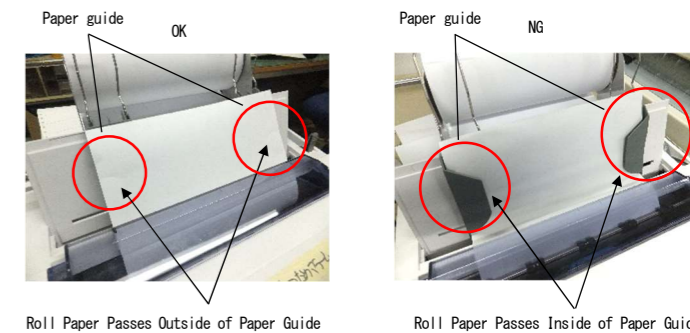


- Attention 10) Please note that "long press" will cause FF page break. (Line feed about 550mm) When performing FF page break operation, eject the roll paper once and start over from 3-1.

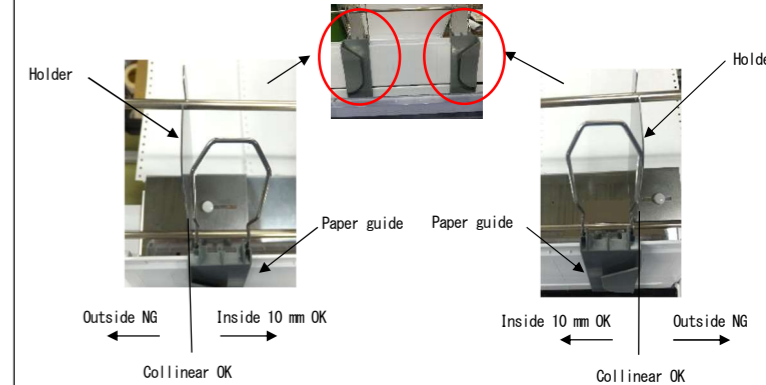
3-7. Attach the sheet guide along the groove. This sheet guide is used as a separator to prevent printing paper from entering the printer again. Do not allow printing paper to enter the printer. (Until the Printed Paper Exceeds the Roll Paper)



- Attention 11) If the sheet guide is not set, paper may be caught in the printer.
- Attention 12) Do not use the inside of the paper guides.



- Attention 13) Adjust the position of the paper guide collinear with the paper holder. Be careful not to be outside the reference. Also, adjust it so that it is within 10 mm of the reference inward.



This completes the preparation before printing.

- 4. About Left and Right Margins
If the left and right margins become small during printing, reinsert the roll paper by following the steps 3-1 to 3-7.
- 5. About Paper JAM Removal
If paper JAM occurs, cut the paper in the middle, remove the roll paper in the reverse order of the roll paper set, and remove the JAM paper.