

Roll Paper Holder Start Guide

This roll paper holder is an optional item for printing roll paper on the FUJITSU DL3100 DOT MATRIX PRINTER.

⚠ WARNING for Safety

- For your safety, Unplug the power cord of printer. Otherwise, fire or electric shock may cause.
- For your safety, watch out edge of the metallic plate and tip of shafts and screws. Otherwise, personal injury may cause.

Mounting method to printer and Paper feeding method for the roll paper

For details on "2. Mounting method to printer" and "3. Paper feeding method for the roll paper", refer to the video on the "Roll Paper Holder" page of the DL3100 website by scanning the 2D barcode on the right or accessing the URL below.



URL <https://www.fujitsu.com/jp/group/fit/en/products/dl3100/>

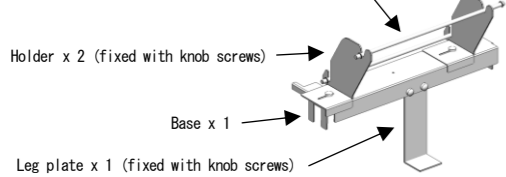
- Attention 1) Recommended installation space is 500mm(W) x 400mm(D) x 400mm(H). Prepare the enough workspace so that you can install the Roll Paper Holder successfully.
- Attention 2) Before mounting the roll paper holder, perform the test printing and setting of the printer according to the following procedure.
 - Print a test print pattern from "4. CONTROL PANEL OPERATION" in the printer user's manual and confirm that "APIW" is "NO".
 - If the "APIW" is "YES", change the setting to "NO" according to "5 Changing the Printer Settings". If printing is performed with the "YES" setting, the left margin may not reach the set value.

- ⚠ Attention To prevent the printer from falling, breaking, or injuring yourself, When using the roll paper holder, place it on a horizontal and stable table.

1. Check the components that are consist of the rolled paper holder

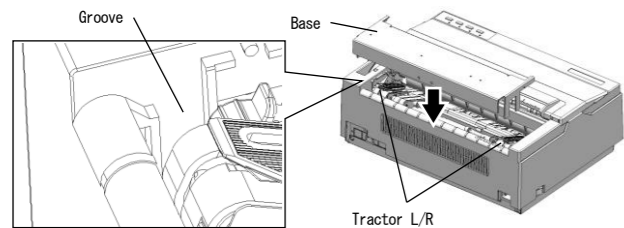
Before mounting the roll paper holder in the printer, make sure that you have the following items.

Shaft x 2 (Roll paper support, securing path route)

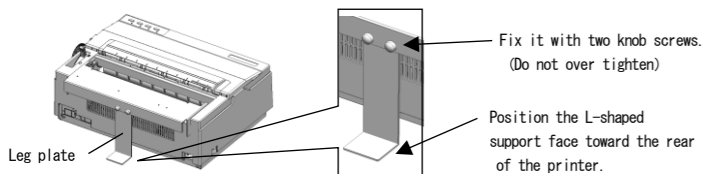


2. Mounting method to printer

- 2-1. Attach the base. After moving the L/R tractors to the left and right ends. Align the guide of the base with the grooves on the left and right sides of the printer, and set from the top.

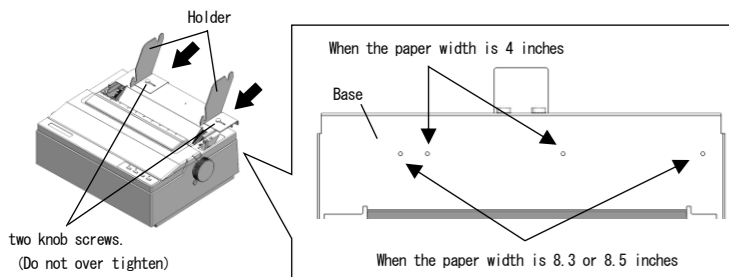


- 2-2. Attach the leg plate to the base. (Fix it with two knob screws.) Make sure that direction is same as fig. And keep the horizontal mounting so that free from rattling.



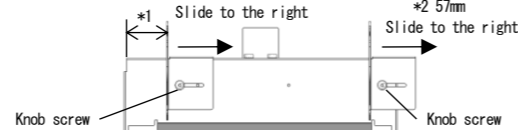
- ⚠ Attention If the leg plate is mounted in the opposite direction or if they have been forgotten to be mounted, there is a danger that roll paper holder may become unstable and may fall over. Therefore, attach the leg plate in the correct direction as shown above.

- 2-3. Attach the holder to the base. (Fix it with two knob screws.) Press the back of the holder against the base to attach. The position of the screw holes used depends on the width of the roll paper used.

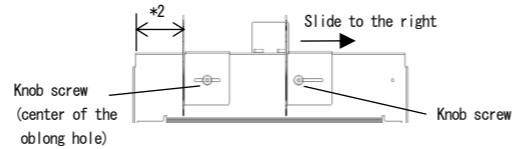


Attach the holder temporary about in the position shown below.

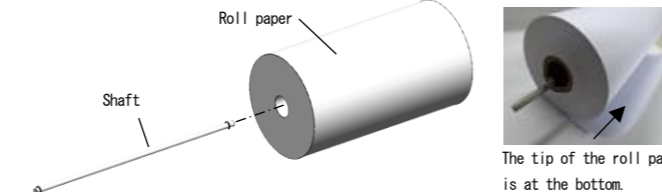
- When the paper width is 8.3 or 8.5 inches, slide and push against the left and right holders to the right, then fix the screws temporary. (For reference) *1 42mm *2 57mm



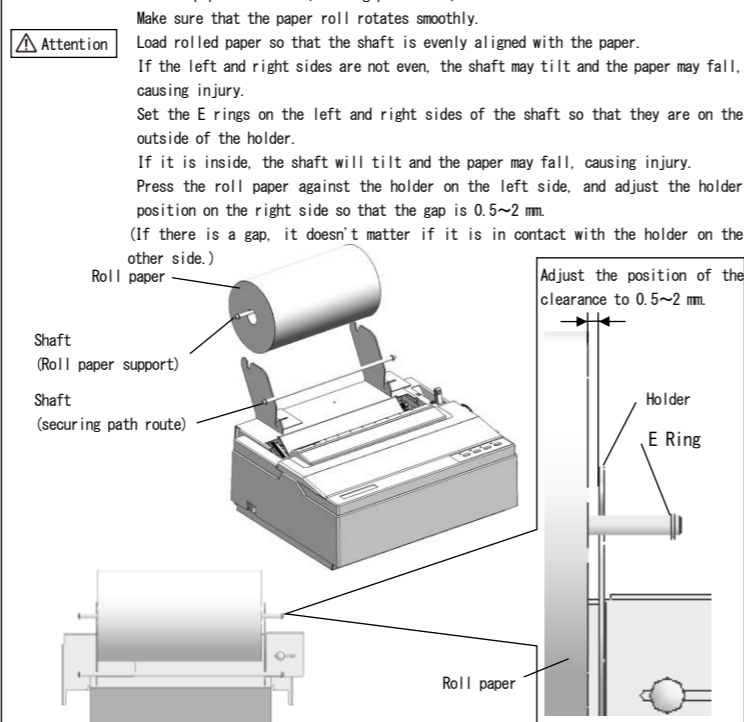
- When the paper width is 4 inches, Attach the left holder by tightening the screw at the center of the oblong hole. Slide the right holders to the right until they hit the screws, then tighten the screws to attach them.



- 2-4. Pass the shaft so that the paper tip of the roll is on the bottom side. The shaft may be passed from the left or right of the roll.

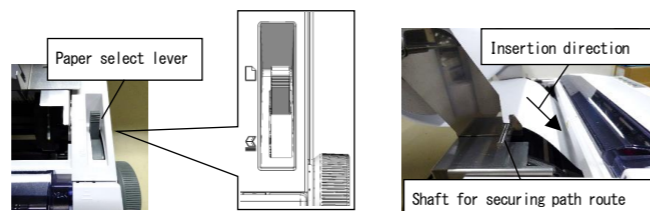


- 2-5. Mount the roll paper and shaft(securing path route) into the holder.

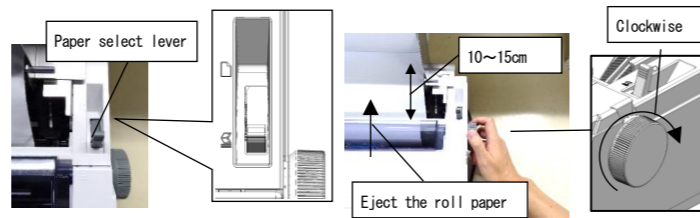


3. Paper feeding method for the roll paper

- 3-1. Turn on the printer, and move the paper select lever (the right side in front of the printer) forward to "F" for friction feed mode. After that, insert the roll paper. When paper is detected, it is automatically loaded. If the paper is not loaded automatically, change the Single Auto Load setting time from the paper setup (5-4) in "5 Printer Setting changes" of the printer user's manual, then insert the roll paper again.



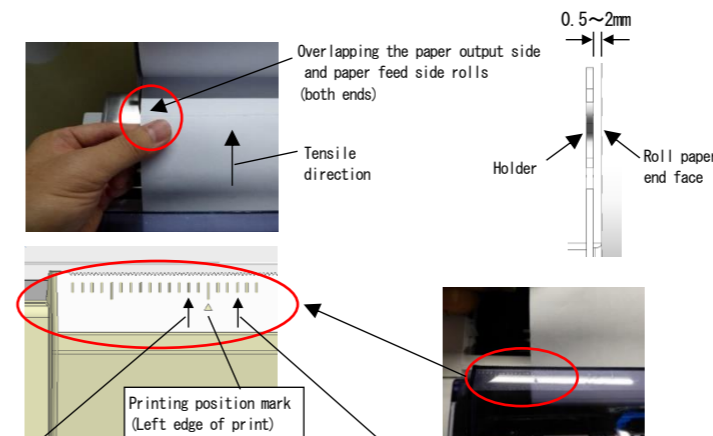
- 3-2. move the paper select lever backward to "C" for continuous paper position. A warning tone (beep) sounds but ignore it. Then, turn the paper feed knob clockwise to eject the roll paper. Eject the roll paper 10~15cm from the cover to the paper tip.



- 3-3. Pinch the leading edge of the roll paper that has been ejected from the printer, and then lightly pull the leading edge toward to eliminate slack and meet both left and right edge of leading edge and roll so that paper feed by right angle.

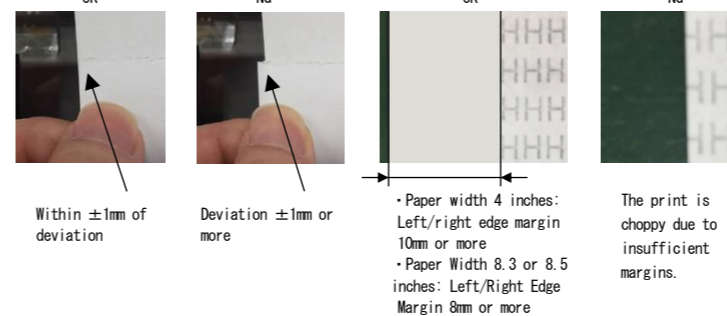
At the same time, adjust the paper load position using indicator of printer cover. Refer to following fig.

If necessary, adjust the position of the holder and adjust the gap between the holder and the end face of the roll paper to 0.5~2mm.

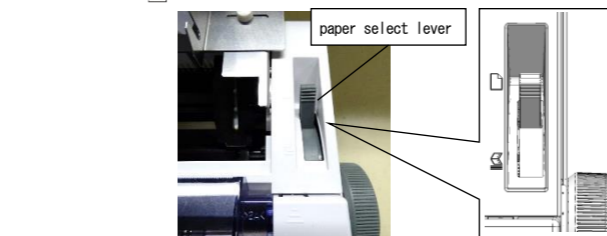


4 inches: Right side of 3 graduations from the printing position mark (about 7.5mm)

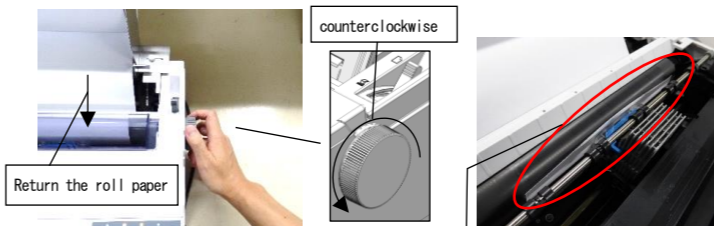
- Attention 3) If the deviation of the paper from side to side is more than $\pm 1\text{mm}$, the accumulated skew may cause interference between the tractor and the end surface of the paper, causing the paper to break. Therefore, adjust the deviation of the paper from side to side to be within $\pm 1\text{mm}$ when both ends of the paper are stacked.
- Attention 4) If the margins are narrow, the print may be fall out. Therefore, if the paper width is 4 inches, the left and right margins should be at least 10mm. If the paper width is 8.3 or 8.5 inches, the left and right margin must be at least 8mm. Set the print data so that the margin fits into the above standard.
- Attention 5) Since there is a risk of damage to the roll paper due to interference between the holder and the end of the roll paper, adjust the distance between the holder and the end of the roll paper so that it is within 0.5~2mm.



- 3-4. When you have finished adjusting the roll paper, move the paper select lever forward to "F" for friction feed mode.



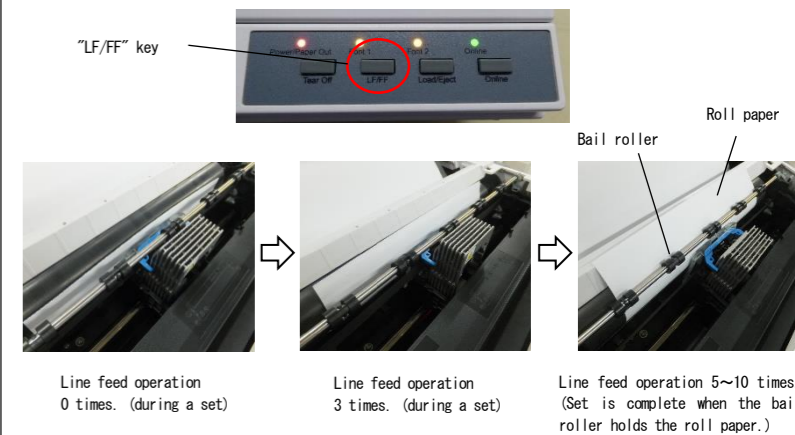
- 3-5. Turn the paper feed knob counterclockwise to return the roll paper. The position to return is near the top of the printhead. If the roll paper has slack, turn it slowly clockwise to remove the slack.



- Turn it slowly clockwise

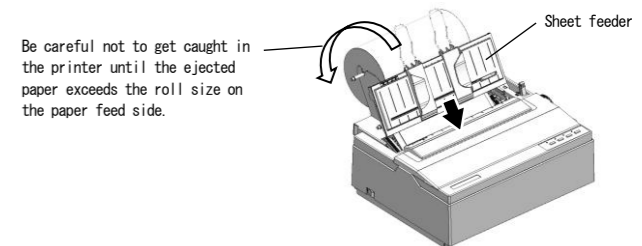


- 3-6. Press the "LF/FF" key on the printer operation panel to perform line feed operation. Repeat pressing the "LF/FF" key until the bail roller close and holds the roll paper. (The approximate number of times to press down is 5~10.)

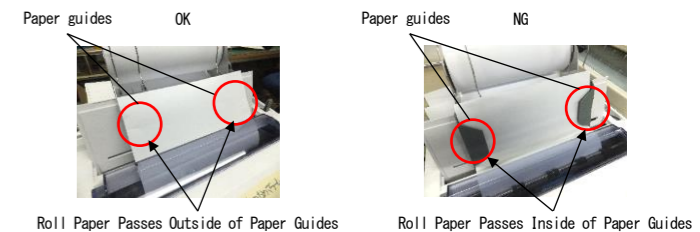


- Attention 6) By holding down the "LF/FF" switch, the form feed operation is performed and the roll paper is feed forward about 550 mm. Therefore, do not hold down the "LF/FF" switch. If you performed form feed operation, turn the paper feed knob counterclockwise to eject the roll paper and start over from 3-1.
- Attention 7) If you do not perform the line feed operation, the line feed may be clogged at the beginning of printing, so be sure to perform the line feed operation.

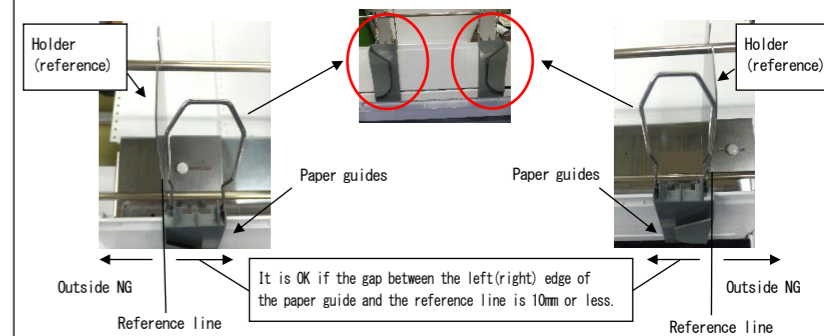
- 3-7. Attach the sheet feeder along the groove. For details, refer to "2 SETTING UP PRINTER" INSTALL THE SINGLE SHEET FEEDER (2-5) in the printer user's manual. This sheet feeder is used as a separator to prevent paper entering the printer again. And if it gets caught in the printer, pull up the ejected paper lightly until the paper exceeds the roll paper size on the paper feed side.



- Attention 8) If the sheet feeder is not set, paper may be caught into the printer. Therefore, be sure to set the sheet feeder.
- Attention 9) If you slide the paper inside the paper guides on the sheet feeder, the paper may break. Therefore, slide paper through the outside of the paper guides.



- Attention 10) When adjusting the position of the paper guides, the position on the same line as the holder is used as the reference. Be careful not to be outside the reference. Also, adjust the position so that it is within 10mm inside.



This completes the preparation before printing.

4. Notes during printing
- Attention 11) If the left and right margins decrease during printing, or if paper on the surface becomes loose when copying paper is used, reconfigure the paper rolls according to the procedure from 3-1 to 3-7.
 - Attention 12) Do not use separate printing as the printing may overlap.
 - Attention 13) When using 4 "roll paper, if the shaft is skewed to the left or right, the shaft may tilt, so load it again so that it is evenly distributed.
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.