



* If your printer is not shown in this picture diagram, please contact your supplier.

We would like to inform you about the fact that this RAVAS product is 100% recyclable on the basis that the parts are processed and disposed off in the right manner.

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Printing/typographical errors and model changes reserved

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RAVAS

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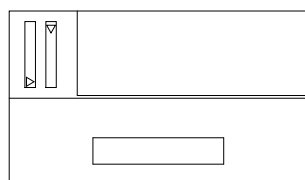


PR-INT-MX-RAVAS-ABLE

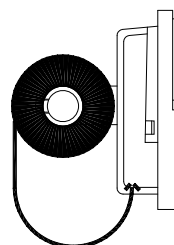


Picture

Paper change



Drawing 1



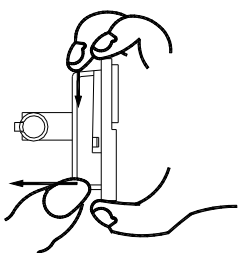
Drawing 2

- Turn off the weighing system.
- In order to open, move the left key (see drawing 1) to the right. At the same time pull the printer door towards you.
- Remove the empty paper roll from the holder.
- Place a new paper roll on the holder. Pay attention to the correct placing of the roll in regard to the unwinding side of the paper (see drawing 2 for the correct installation).
- Feed the paper in the printer head (see drawing 2 for the correct installation).
- ❑ Upon feeding the paper a light resistance is felt.
- Turn on the weighing system.
- By pressing the print feed key, the paper is transported further into the printer head (the print feed key is located on the inside of the printer housing; at the top on the right a messing strip with a little catch. This is the extension of the printer feed key).
- ❑ The paper appears at the front of the printer head.
- Close the printer door (push until you hear a click).
- The weighing system and printer are ready for use.

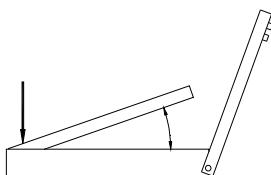


Inkt ribbon change

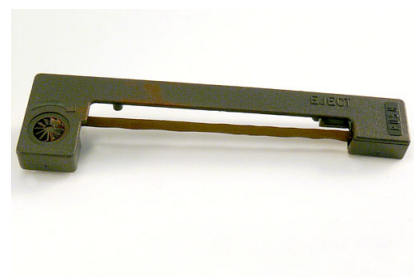
- Open the printer as shown above.
- Take hold of the printer door between thumb and index finger and push the inner chassis slightly downwards with your middle finger.
- With your other hand carefully pull the inner chassis loose from the outer chassis (see drawing 3).
- Hinge both parts as far apart from each other as possible and remove the ink ribbon by pushing on one side (mentioning PUSH) of the ink ribbon cassette.
 - ❑ The ink ribbon pops out and can be changed (see drawing 4).



drawing 3



drawing 4



Picture inkt ribbon

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-RAVAS-57-50-12	paper, single, white	57xØ50xØ12 mm.
PRP-PAP-RAVAS-57-50-12-DOUBLE	paper, double, white/yellow	57xØ50xØ12 mm.

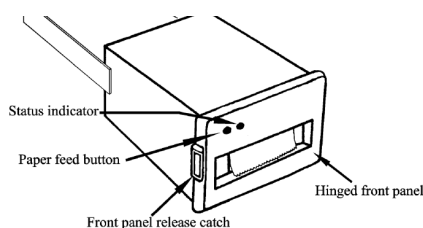


PR-INT-MX-RAVAS-MCPK5377

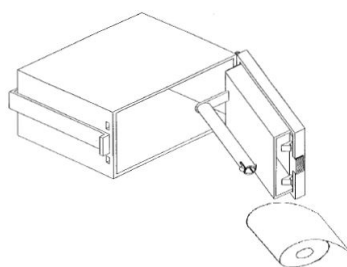


Picture

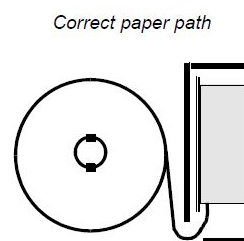
Paper change



Drawing 1



Drawing 2



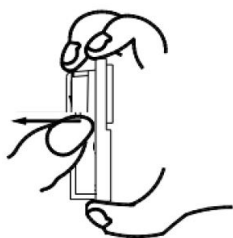
Drawing 3

- Turn off the weighing system.
- Access to the printer for changing the paper roll is provided by a hinged front panel. The spring-loaded catch on the left hand side of the printer front panel should be depressed to release the front panel (see drawing 1).
- The paper roll carrier is mounted on the rear of the printer front panel and will swing out from the main body (see drawing 2).
- Place a new paper roll on the holder. Pay attention to the correct placing of the roll in regard to the unwinding side of the paper (see drawing 3 for the correct installation).
- Turn on the weighing system.
- By pressing the print feed key, the paper is transported further into the printer head.
- ❑ The paper appears at the front of the printer head.
 - Close the printer door (push until you hear a click).
 - The weighing system and printer are ready for use.

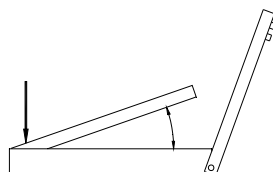


Inkt ribbon change

- Open the printer as shown above.
- Take hold of the printer door between thumb and index finger and push with your other hand (finger) in the middle.
- With your other hand carefully pull the inner chassis loose from the outer chassis (see drawing 4).
- Hinge both parts as far apart from each other as possible and remove the ink ribbon by pushing on one side (mentioning PUSH) of the ink ribbon cassette.
 - The ink ribbon pops out and can be changed (see drawing 5).



drawing 4



drawing 5



Picture inkt ribbon

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-RAVAS-57-50-12	paper, single, white	57xØ50xØ12 mm.
PRP-PAP-RAVAS-57-50-12-DOUBLE	paper, double, white/yellow	57xØ50xØ12 mm.

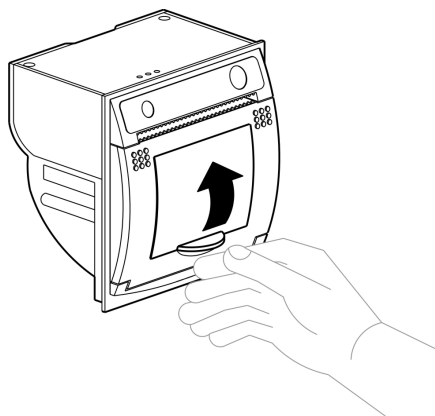


PR-INT-TH-RAVAS-MPP8250

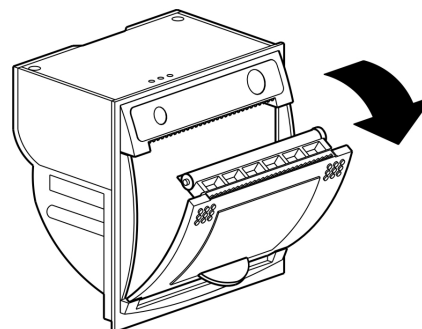


Picture

Paper change



Drawing 1



Drawing 2



- In order to open, pull the lever until the lid is released from its locked position. To avoid damage, do not use excessive force. See drawing 1 and 2.
- Remove the empty paper roll from the holder.
- For replacing a new paper roll, reel off a few centimeters from the new paper roll. Hold approximately 5 cm. of paper outside the device as you place the new roll into the reservoir. Close the lid by applying equal amounts of pressure on each side ensuring the lid is in locked position.
- Tear off the spare paper.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-INT-TH-RAVAS	Thermal paper, white	57xØ50xØ18 mm.
PRP-PAP-CU-ST-TH-RAVAS-SPLIT	Thermal, self adhesive, white	57xØ50xØ12 mm.

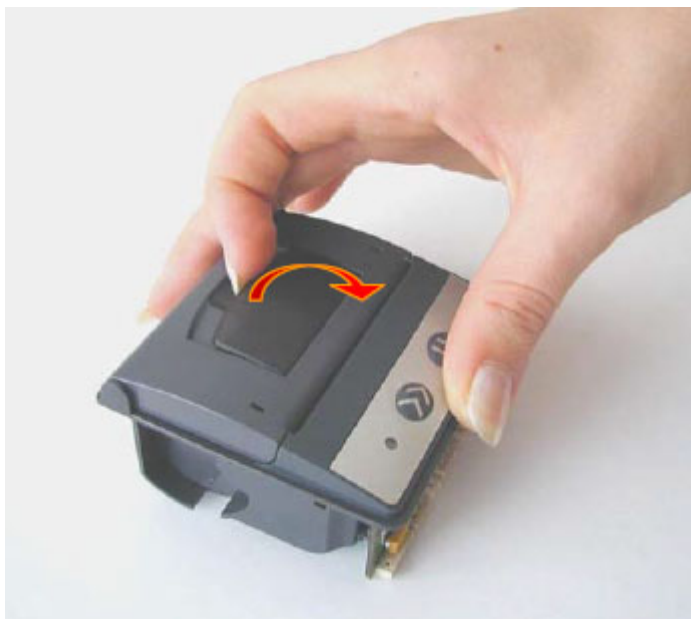


PR-INT-TH-XTRA



Picture

Paper change



Picture 1



Picture 2



Picture 3



Picture 4

- In order to open, pull the lever until the lid is released from its locked position. To avoid damage, do not use excessive force. See picture 1.
- Remove the empty paper roll from the holder. See picture 2.
- For replacing a new paper roll, reel off a few centimeters from the new paper roll. Hold approximately 5 cm. of paper outside the device as you place the new roll into the reservoir. See picture 3.
- Close the lid by applying equal amounts of pressure on each side ensuring the lid is in locked position. See picture 4.
- Tear off the spare paper.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-TH-RAVAS-58-32-12	Thermal paper, white	58xØ32xØ12 mm.



PR-EXT-TH-RAVAS-7810V



Picture

Paper change

- In order to open, pull the lever until the lid is released from its locked position. To avoid damage, do not use excessive force.
- Remove the empty paper roll from the holder.
- For replacing a new paper roll, reel off a few centimeters from the new paper roll. Hold approximately 5 cm. of paper outside the device as you place the new roll into the reservoir.
- Close the lid by applying equal amounts of pressure on each side ensuring the lid is in locked position.
- Tear off the spare paper.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-INT-TH-RAVAS	Thermal paper, white	57xØ50xØ18 mm.
PRP-PAP-CU-ST-TH-RAVAS-SPLIT	Thermal, self adhesive, white	57xØ50xØ12 mm.



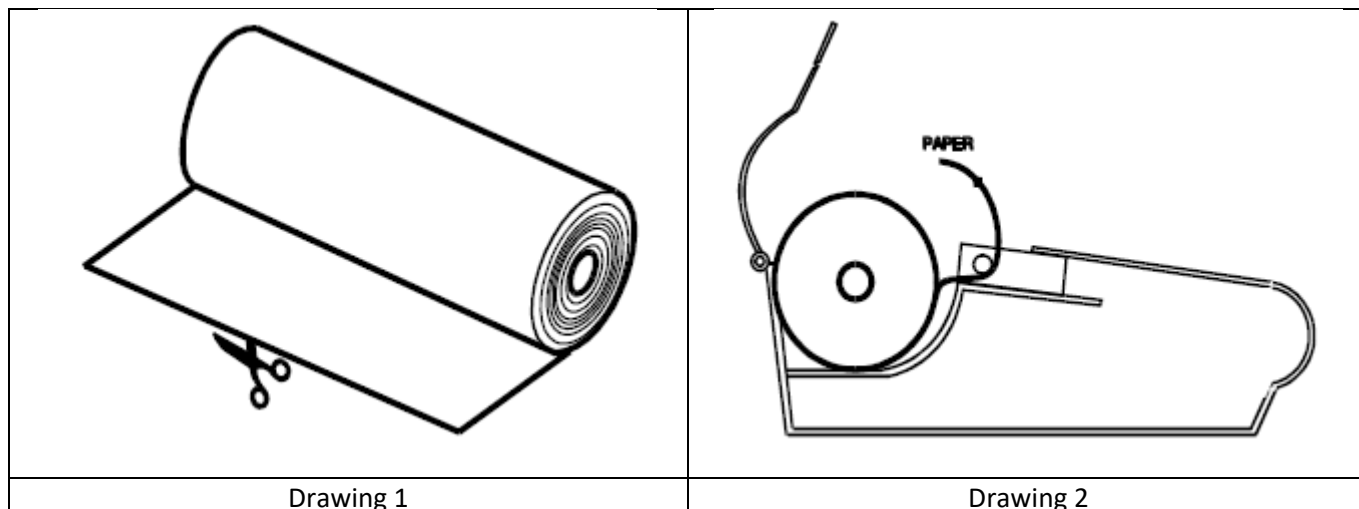
PR-EXT-MX-MCPK6701



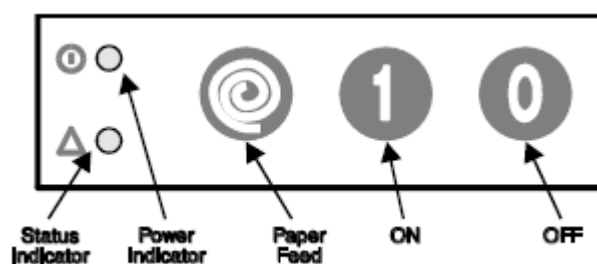
Picture



Paper change



- In order to open, squeeze the lid carefully sideways and pull it up. To avoid damage, do not use excessive force.
- Remove the remaining paper using the Paper Feed button, **do not pull paper out of the rear of the printer mechanism.**
- Reel off a few centimetres from a new roll of paper and check that the end has a clean straight edge (see drawing 1).
- Slide the leading edge of the paper through the paper entry slot, with the leading edge of the paper feeding forwards from the bottom of the roll, until you feel resistance.
- Press the paper feed button and feed the paper through the printer mechanism. (see drawing 2) Keep the paper feed button depressed until enough paper is fed through the printer mechanism to pass through the paper exit slot.
- Slide the new paper roll in the paper cup and close the lid.



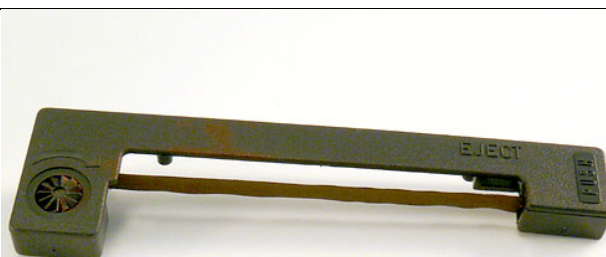
Inkt ribbon change



- In order to open, squeeze the lid carefully sideways and pull it up. To avoid damage, do not use excessive force.
- Remove the old ribbon by gently pulling at the ends of the plastic housing. See picture 1.
- Place the new ribbon (see picture 2) in the same position. Make sure the paper is between the ribbon and the plastic ribbon housing. See picture 3.
- Gently press the ribbon holder on its place by pushing on top of the ends. See picture 4.



Picture 1



Picture 2



Picture 3



Picture 4

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-RAVAS-57-50-12	paper, single, white	57xØ50xØ12 mm.
PRP-PAP-RAVAS-57-50-12-DOUBLE	paper, double, white/yellow	57xØ50xØ12 mm.



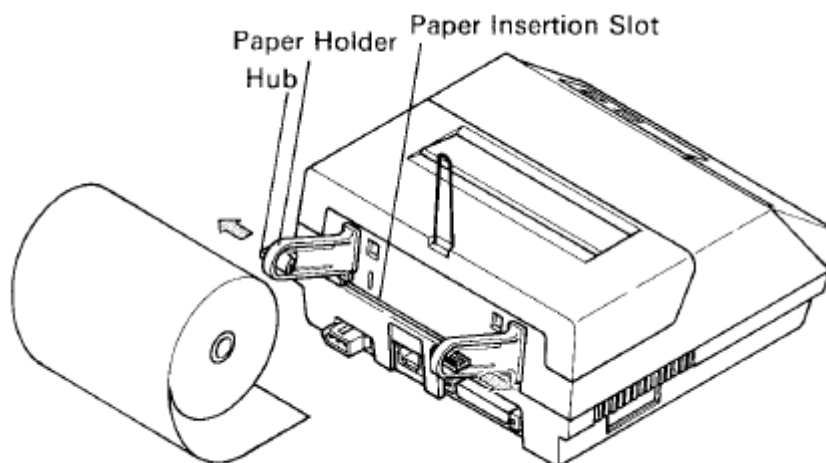
PR-STAR

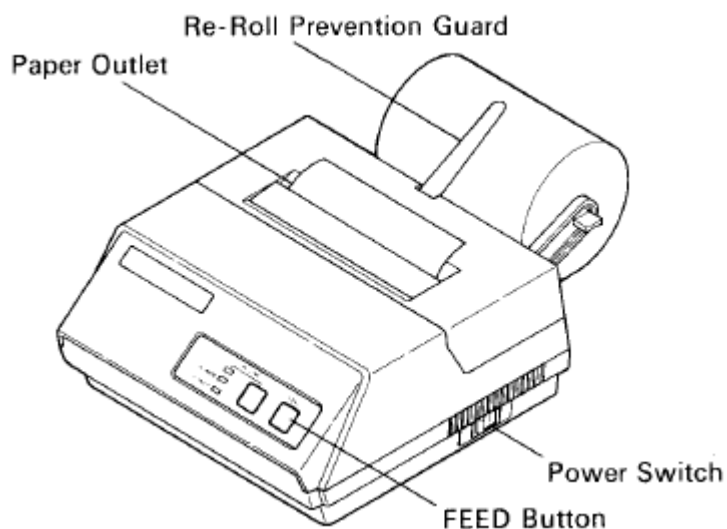


Picture

Paper change

- Turn off the power of the printer.
- Cut the Roll Paper end straight and square. Hold the roll so that the paper comes from the bottom.
- Attach the Roll Paper to the Holders Paper by slipping one side of the roll onto the Hub and pulling the other Hub out to allow the roll to slip in place.
- Insert the paper evenly into the Paper Insertion Slot.
- Turn the Power Switch "ON", and press the FEED Button. The paper will be fed into the unit.

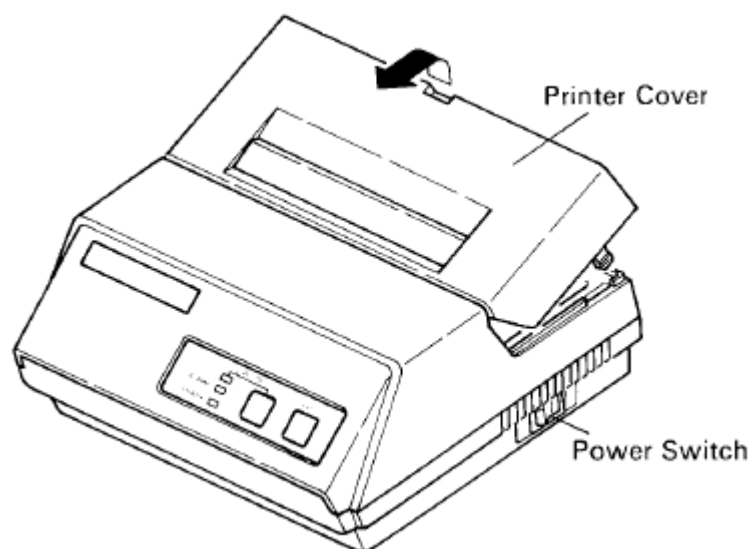




Inkt ribbon change

- Turn off the printer power.
- In order to open, lift the lid (see drawing 1) upwards.

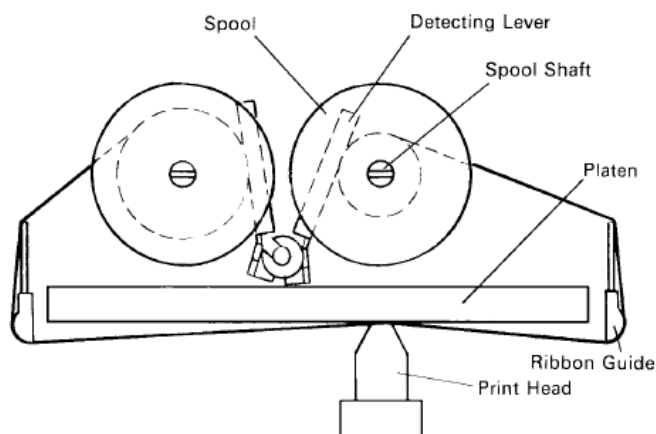
NOTE: Be careful not to touch the print head immediately after printing, because it can get very hot.



Drawing 1

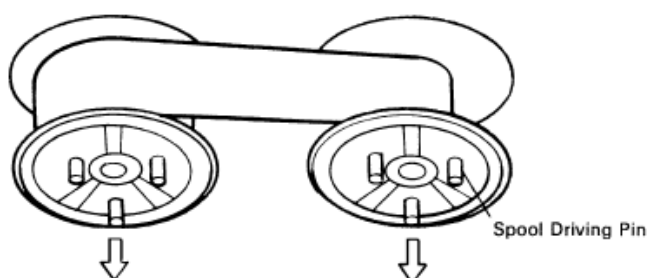
- To remove the old ink ribbon, Hold the spool and lift gently, rotating it until the ribbon sags. Push the ribbon detecting lever out, lift the spool until it comes off the shaft. Remove the second spool in a similar manner. (See drawing 2). **(Do not apply excessive force when lifting spools).**





Drawing 2

- Unwind ribbon so that the spools are separated as shown in drawing 3.



Drawing 3

- Hold the ribbon taut as shown with the drive pins facing down and slide the ribbon between the print head and the platen. While keeping the ribbon taut, wrap one side around the black ribbon guide on the end of the platen and drop one spool on the spool shaft. As you move the spool downwards, move the detecting lever aside to allow the spool to drop into place. Make sure the spool drive pins engage with the spool drive holes. As the spool drops into place there will be a click.
- While continuing to hold the ribbon taut, install the remaining ribbon spool in a similar fashion.
- Turn the spool that rotates freely to take up the ribbon slack.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-STAR	paper, single, friction feed, white	114xØ70xØ12 mm.
PRP-PAP-STAR-2	paper, double, friction feed, white/yellow	114xØ70xØ12 mm.



PR-STAR-PIN



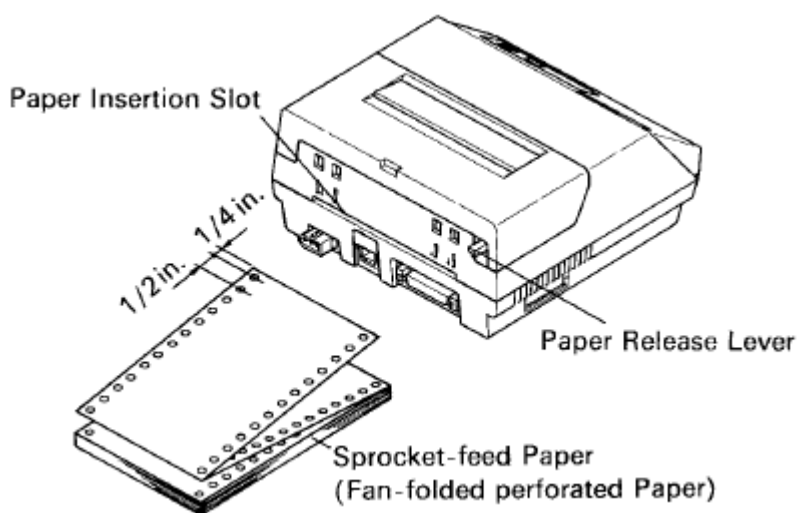
Picture

Paper change

- Turn off the power of the printer.
- To remove the old paper, cut the paper close to the slot and use the feed button until paper has passed completely through the printer.

Note: Do not try to remove the paper by hand as it could become crooked and get jammed inside the printer.

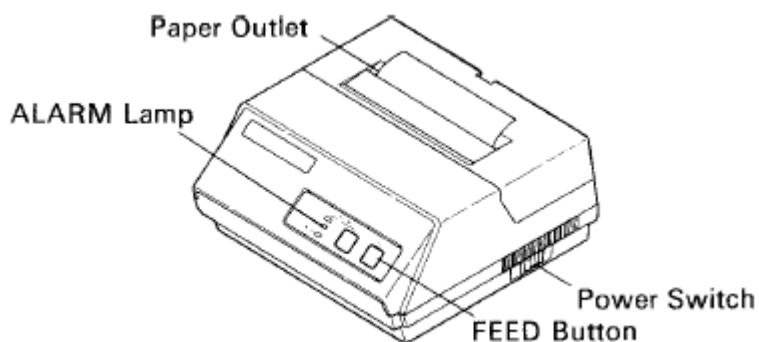
- For placing the new paper, make a straight cut along the top of the paper, about 1/4 inch away from the sprocket holes, (as shown in the drawing 1). If there is perforation, cut the paper on the perforation.



Drawing 1



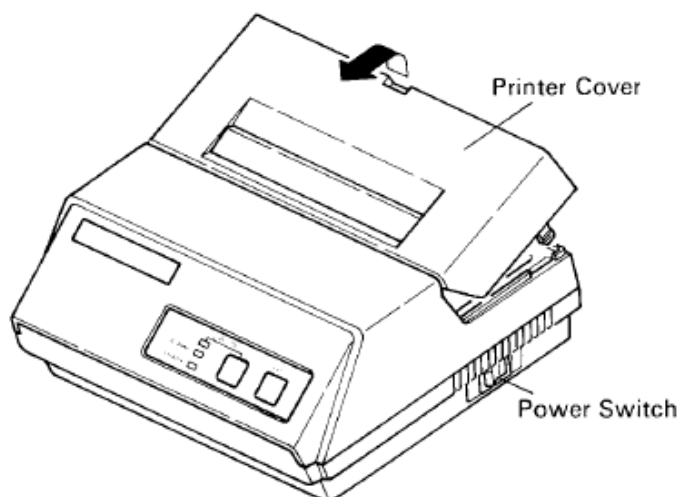
- Insert the paper squarely into the paper insertion slot until the ALARM lamp goes out. Then, hold down the FEED switch to advance the paper 8 lines, and release the switch when 8-line feeding is completed. If the paper is not fed straight during 8-line feeding, straighten the paper by pulling it back slowly as you hold the paper release lever down. If a sprockethole is torn or enlarged, recut the paper and reinsert it as before.
- After confirming that the paper has been fed in straight, feed the paper continuously by holding the feed switch down.
- Release the feed switch when the paper emerges through the paper outlet.



Inkt ribbon change

- Turn off the printer power.
- In order to open, lift the lid (see drawing 1) upwards.

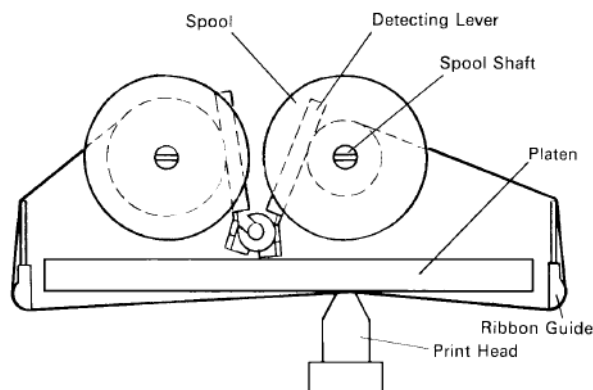
NOTE: Be careful not to touch the print head immediately after printing, because it can get very hot.



Drawing 1

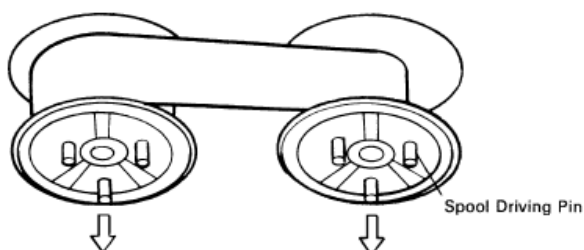


- To remove the old ink ribbon, Hold the spool and lift gently, rotating it until the ribbon sags. Push the ribbon detecting lever out, lift the spool until it comes off the shaft. Remove the second spool in a similar manner. (See drawing 2). **(Do not apply excessive force when lifting spools).**



Drawing 2

- Unwind ribbon so that the spools are separated as shown in drawing 3.



Drawing 3

- Hold the ribbon taut as shown with the drive pins facing down and slide the ribbon between the print head and the platen. While keeping the ribbon taut, wrap one side around the black ribbon guide on the end of the platen and drop one spool on the spool shaft. As you move the spool downwards, move the detecting lever aside to allow the spool to drop into place. Make sure the spool drive pins engage with the spool drive holes. As the spool drops into place there will be a click.
- While continuing to hold the ribbon taut, install the remaining ribbon spool in a similar fashion.
- Turn the spool that rotates freely to take up the ribbon slack.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-STAR-PIN	paper, single, pin feed, white	114xØ70xØ12 mm.
PRP-PAP-STAR-ADH	paper, self adhesive, pin feed, white	114xØ70xØ12 mm.



PR-TM-295



Picture

Paper loading

Use only the specified type of paper for this printer. Do not use inappropriate types of paper, or it could cause malfunction or damage of the printer.

The following procedure describes how to print on paper. Before trying to print, be sure to install a ribbon cassette into the printer using the procedure under “ink ribbon change” on page 22.

- Make sure that the printer is plugged in and turned on.
- Check that the **RELEASE** indicator on the control panel is lit. If the indicator is not lit, press the **RELEASE** button until the indicator lights up.

Important!

Insertion and removal of paper should be done only when the printer is released condition (the paper is not held by paper feed roller).

- Place a piece of the paper onto the printer's document table and slide its right edge into the printer. Printing will be performed on the side of the paper that is facing up (the one you can see), starting from the top of the paper.

Important!

Do not use wrinkled or curled paper. In case of multiple paper, neatly align the sheets.

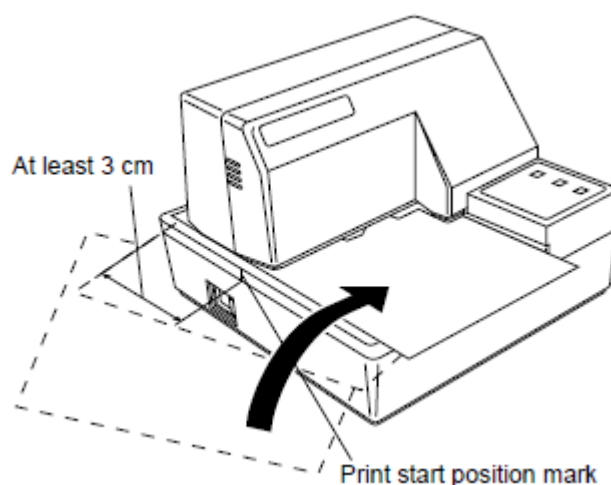


Though paper can be inserted either from the front or side of the printer, front paper insertion may result in paper jams, depending on the condition of the paper. Because of this, it is recommended that you always insert paper from the side.

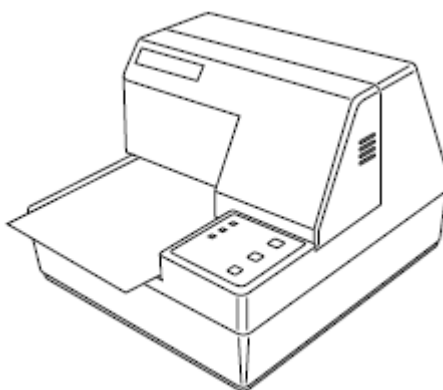
This printer is equipped with paper sensors, so you do not have to perform any special procedure to align the location from which printing should start. Simply insert the paper into the printer and the sensor locates the top of the paper. The paper will be moved automatically into position for printing.

Important!

When inserting the paper into the printer, make sure that there are at least 3 cm between the top edge of the paper and the print start position mark on the printer. Otherwise the paper sensor may not be able to correctly locate the top of the paper.

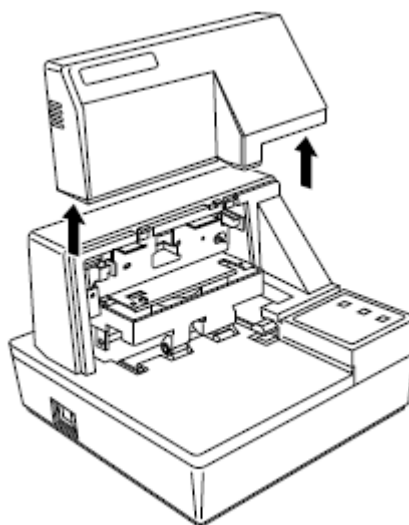


- Push the right edge of the paper into the printer until it stops. At that time, the **PAPER OUT** indicator will go out, and the printer mechanism will automatically align the paper for printing from the top.
- Send data from your host computer to be printed on the paper.
- After printing, press the **RELEASE** button to automatically release the paper.

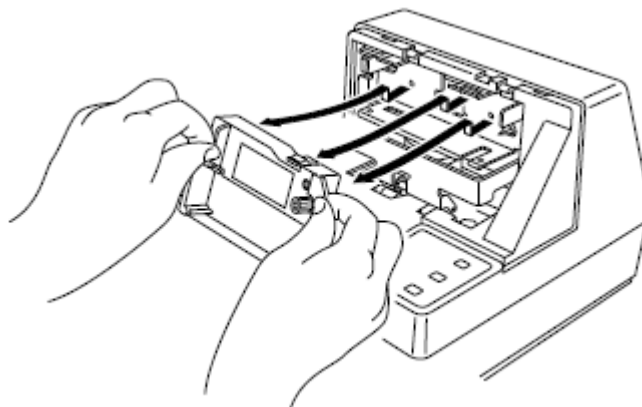


Inkt ribbon change

- Push straight up on the ridged locations on the sides of the printer cover to remove it from the printer.

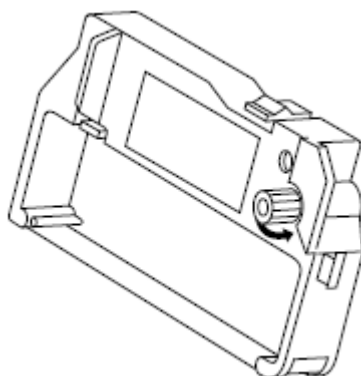


- Make sure that the printer's paper release is activated (the paper is not held in place by the paper feed roller). If it cannot be determined whether or not the paper release is activated, turn on the printer and check if the **RELEASE** indicator on the control panel is lit. If the indicator is not lit, press the **RELEASE** button until the indicator lights up.
- Make sure the printer power is turned off.
- Grasping the old ribbon cassette as shown, gently pull it away from the printing mechanism.

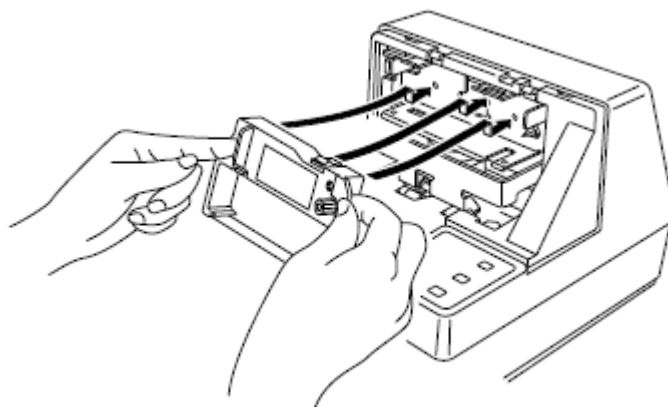


- Remove the new ribbon cassette from its packaging, and turn its knob in the direction indicated by the arrow to take up any slack in the ribbon.





- Hold the ribbon cassette so that the ribbon is facing down, install the cassette into the slip printer as shown in the illustration.



- Press gently but firmly on the cassette until it snaps securely into place.
- Rotate the knob on the cassette again to take up any slack.
- Replace the printer cover.

Paper

To be purchased by the client itself.



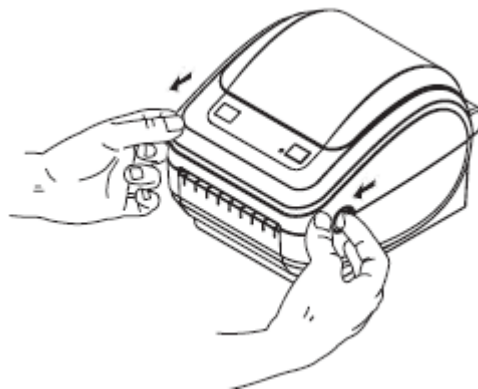
PR-ZEBRA-GK420D



Picture

Paper change

- Turn off the power of the printer
- To get access to the print room, the printer must be opened. Pull the latch toward you and lift the cover. Check the compartment for loose or damaged parts



Important

The discharge of static electricity on the surface of the human body or other surfaces can damage or destroy the printhead or electronic components of the printer.



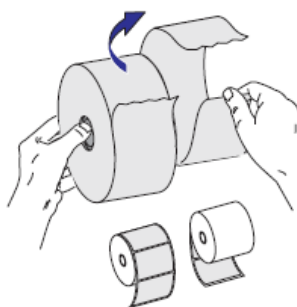
You should avoid static electricity when working on the push button or on the electronic components under the cover.

Important

Printer rolls should be used in the holders provided. The correct materials for the corresponding printer must always be used, which you need.

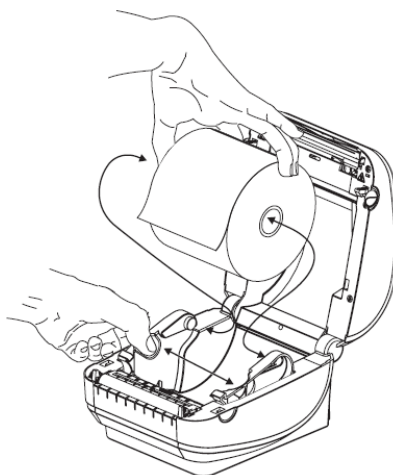
Preparation of printer rolls

You always load the printer rolls into the printer in the same way. First remove a piece of the paper. The printer rollers can get dirty or dusty during shipping, handling, or storage. By removing the outermost layer, you prevent dirt from getting inside the printer.

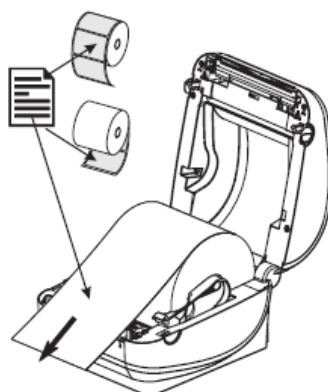


Load the printer rolls into the chamber

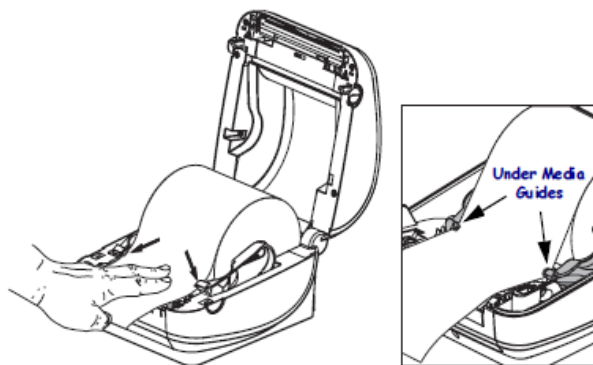
- Open the printer. Note that the release lever must be pulled toward the front of the printer.
- Open the roll holder.
- Pull the paper glider open with your free hand and place the printer rollers on the roller holder.
- Make sure that the paper comes through the paper exit with the correct side up.



- Pull the paper until it comes out of the front edge of the printer. The printer roller should rotate freely and should not lie on the underside of the printer. Make sure that the roll is with the printer side up.



- Press the paper under both paper guides.



- Close the printer by carefully pressing the cover until it closes.

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-ELTRON2844-ETI-100-150	Label, thermal paper, white	100x150 mm.
PRP-PAP-ELTRON2844-100-999	Single roll, self-adhesive, white	100 mm. width



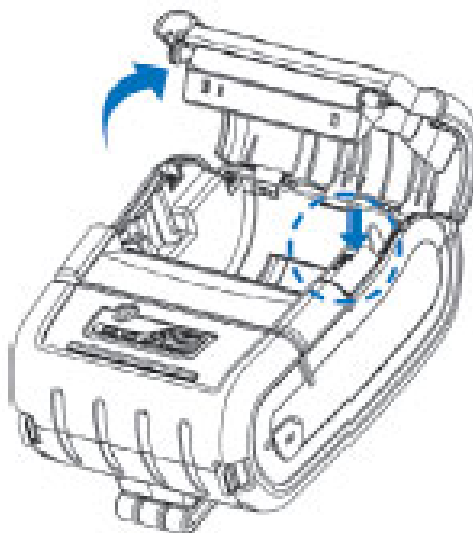
PR-EXT-TH-BLT-3"



Picture

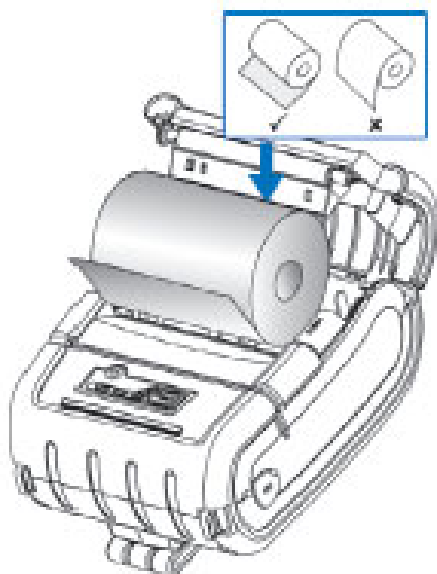
Changing paper

- Turn off the printer
- Push the blue button to open the cover, afterwards lift this cover.



Position the roll as shown below. Make sure the paper is placed facing the correct side.

- Please note: only use 3 inch paper rolls!



- Pull a little piece of paper out of the printer, afterwards push the middle of the cover to close.



Paper rolls:

Order nr.:	Description:	Dimensions:
PRP-PAP-LKP30-76-56-30M	Labels, thermal paper, white	76x56 mm. 30mtr.
PRP-PAP-ANDES-7,62-10,16-ETI	Labels, thermal paper, white	76.2x101.6 mm.



PR-ZEBRA-ZD621D



Picture

Paper change

- Turn off the power of the printer
- To get access to the print room, the printer must be opened. Slide the release latches to the front to unlock the cover. Check the compartment for loose or damaged parts



Important

The discharge of static electricity on the surface of the human body or other surfaces can damage or destroy the printhead or electronic components of the printer.

You should avoid static electricity when working on the push button or on the electronic components under the cover.

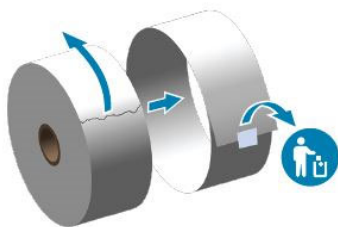
Important

Printer rolls should be used in the holders provided. The correct materials for the corresponding printer must always be used, which you need.



Preparation of printer rolls

You always load the printer rolls into the printer in the same way. First remove a piece of the paper. The printer rollers can get dirty or dusty during shipping, handling, or storage. By removing the outermost layer, you prevent dirt from getting inside the printer.



Load the printer rolls into the chamber

- Open the printer.
- Spread the roll holders open and place the roll into the printer.
- Verify the roll spins easily on the holder.



- Pull the end of the roll past the front edge of the printer



- Press the media under the guides.

- Close the printer by pushing down the front edge of the printer until it locks.



Power on

- Connect the printer via the power cable to the power supply



Press the power button



When the printer is ready, the printer status light will turn green.



Press and hold the Pause and Cancel buttons for two seconds to line up the labels



Press and hold the Feed and Cancel buttons for two seconds to print a configuration report

Paper rolls

Order nr.:	Description:	Dimensions:
PRP-PAP-ELTRON2844-ETI-100-150	Label, thermal paper, white	100x150 mm.
PRP-PAP-ELTRON2844-100-999	Single roll, self-adhesive, white	100 mm. width

