



Thermal Printing System



Installation and Operating Manual

Introduction

Congratulations on your purchase of the Thermal Printing System designed exclusively by Filterfab. If this unit is cared for properly, it should provide you a trouble free Operation.

Please read the instructions below before use

Installation

Place the machine on a solid base ensuring it is firm and level. Ensure there is at least a 50cm clearance around the press while in use for proper ventilation.

Electrical Connection

The Machine requires a standard socket with 240/250 volts, single phase 50 hertz electrical supply

This machine has been electrically checked and tested before use, but check your local state regulations with your local work cover office, as it may require regular testing and tagging by a qualified electrician in the future like any other appliance.

IF you have trouble understanding these instructions to load labels or ink ribbon you may find it a lot easier to look at the video on the help page of our website www.filterfab.com

Safety Read Carefully



SHOCK HAZARD WARNING:

The printer and power supply should never be operated in a location where either one can get wet. Personal injury could result.



MEDIA AND RIBBON WARNING:

*Always use high quality, approved labels, tags and ribbons. If adhesive backed labels are used that **DO NOT** lay flat on the backing liner, the exposed edges may stick to the label guides and rollers inside the printer, causing the label to peel off from the liner and jam the printer. Permanent damage to the print head may result if a non-approved ribbon is used as it may be wound incorrectly for the printer or contain chemicals corrosive to the print head. Approved supplies can be ordered from your dealer.*



RELOADING HINT:

*If labels or ribbon run out while printing, **DO NOT** turn the power switch OFF (0) while reloading or data loss may result. The printer automatically restarts after you load a new label or ribbon roll.*



STATIC DISCHARGE:

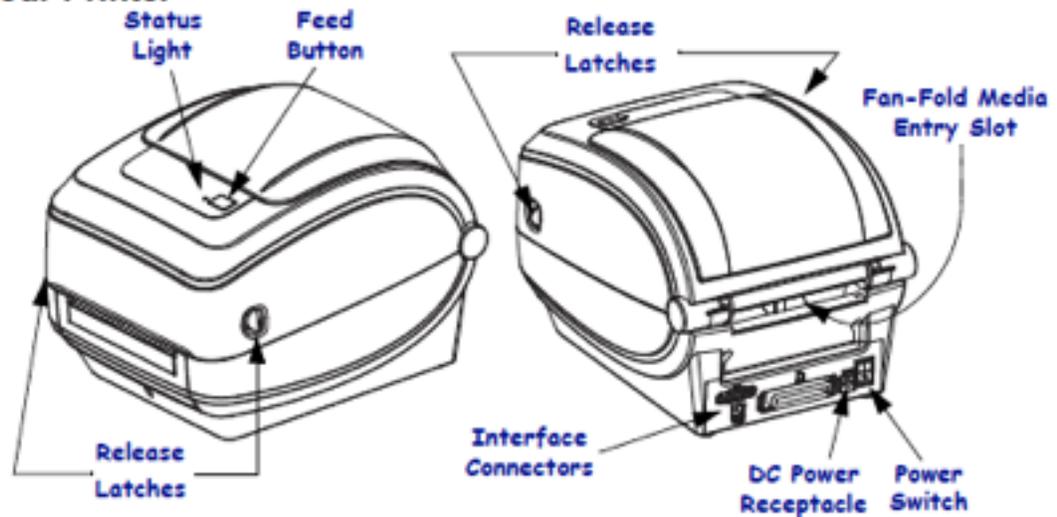
*The discharge of electrostatic energy that accumulates on the surface of the human body or other surfaces can damage or destroy the print head or electronic components used in this device. **DO NOT TOUCH** the print head or the electronic components under the top cover.*



THERMAL PRINTING:

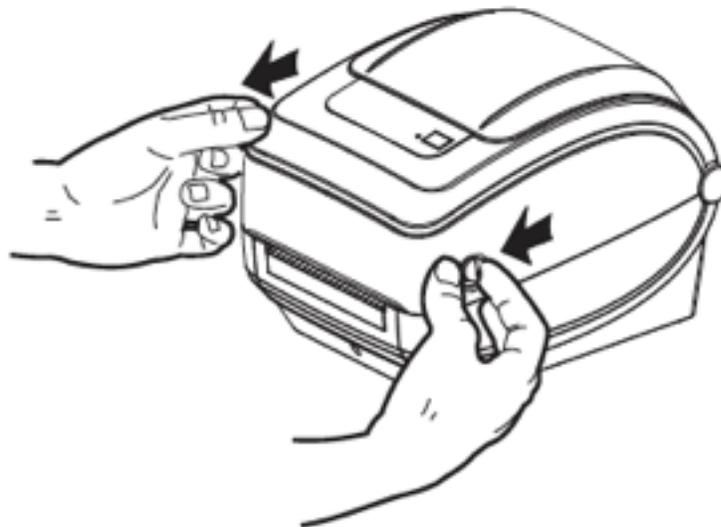
The print head becomes hot while printing. To protect from damaging the print head and risk of personal injury, avoid touching the print head. Use only the cleaning pen to perform maintenance.

Your Printer



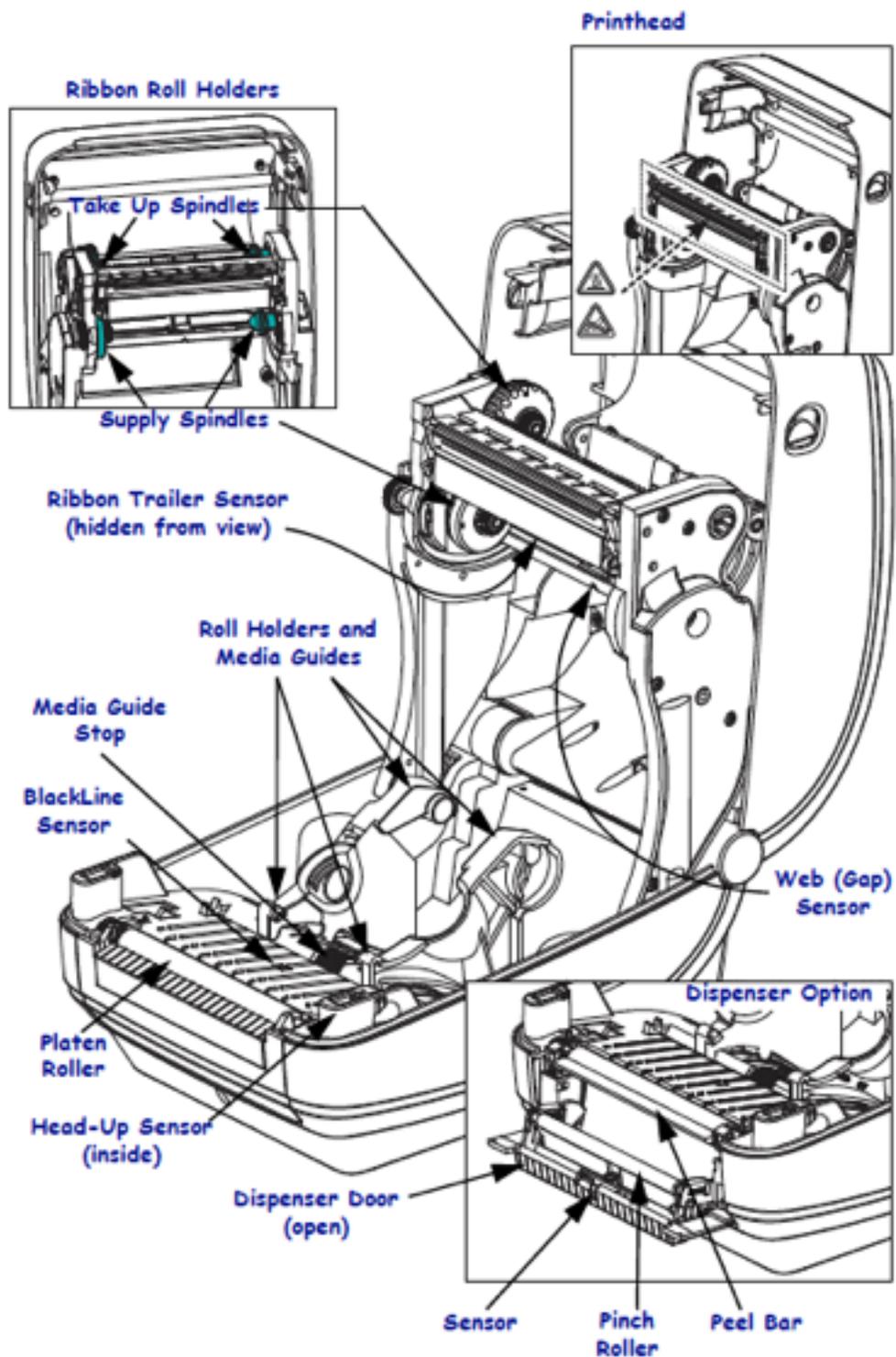
Opening the printer

To access the media compartment, you must open the printer. Pull the release latches towards you and lift the cover. Check the media compartment for loose or damaged components.

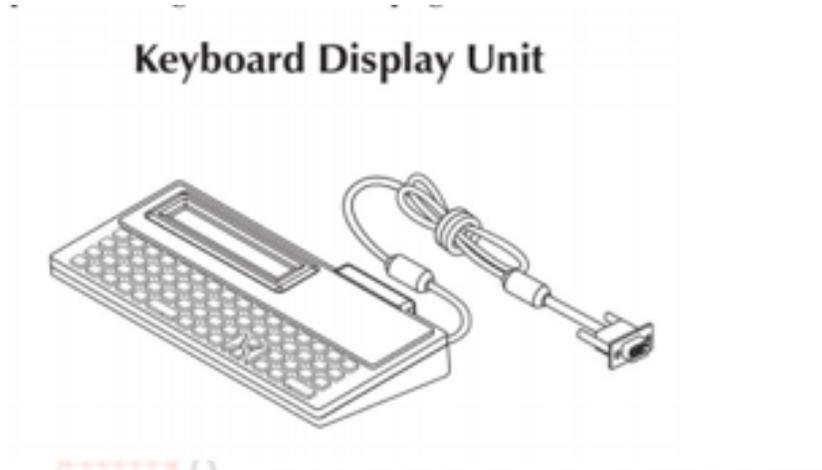


Caution • The discharge of electrostatic energy that accumulates on the surface of the human body or other surfaces can damage or destroy the printhead or electronic components used in this device. You must observe static-safe procedures when working with the printhead or the electronic components under the top cover.

Printer Features



**Plug in Keyboard Display Unit into 9 pin socket on far right back of printer and
and**



tighten 2 screws on plug



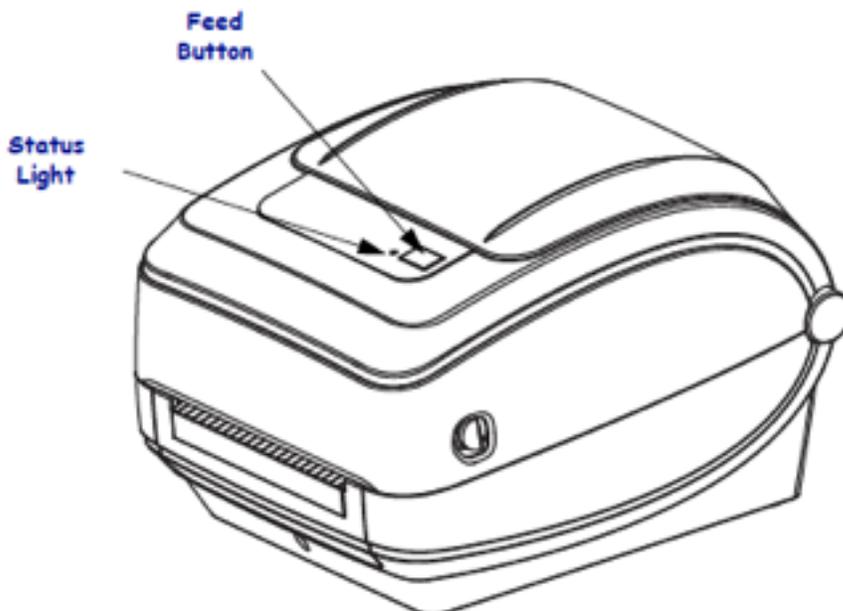
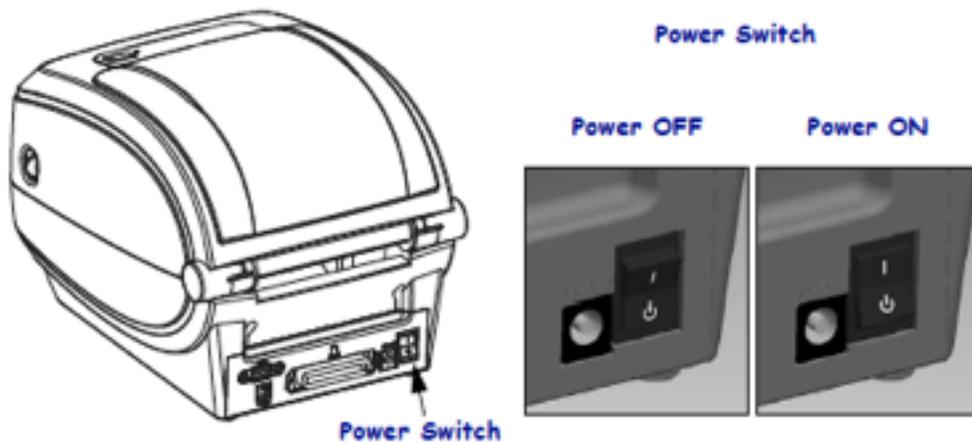
Operator Controls

Power Switch

Press *up* to turn **ON** or *down* to turn **OFF** the printer.



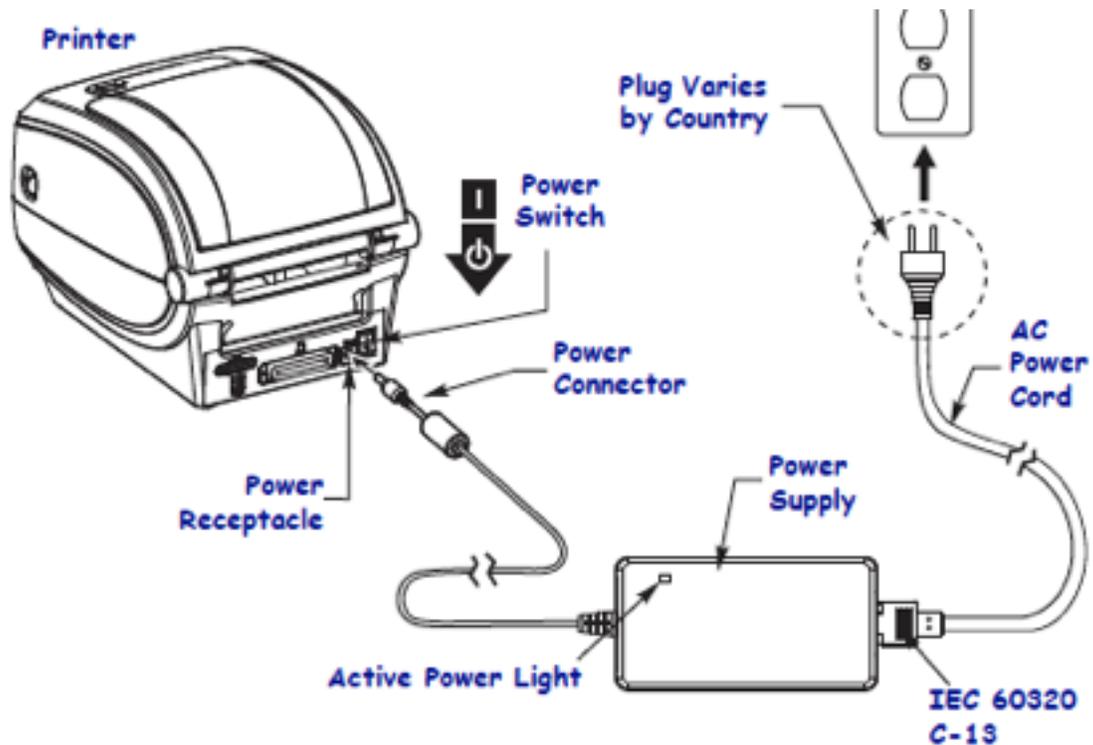
Caution • The printer power should be turned off before connecting or disconnecting the communications and power cables.



Feed Button

- Tap the Feed button once to force the printer to feed one blank label.
- Press the Feed button to take the printer out of a “pause” condition. The printer is put into “pause” by either a programming command or an error condition.

Attaching Power



1. Make sure the printer's power switch is in the off position (down).
2. Insert the AC power cord into the power supply.
3. Plug the other end of the cord into an appropriate AC electrical outlet. Note: The active power light will go on if power is on at the AC outlet.
4. Insert the power supply's power connector into the printer's power receptacle.

Important • Set up your printer so that you can handle the power cord easily if needed. To make certain the printer cannot carry electrical current, you must separate the power cord from the power supply receptacle or AC electrical outlet.

Caution • Never operate the printer and power supply in an area where they can get wet. Serious personal injury could result

When your printer is supplied usually Filterfab will have preloaded a roll of labels and ink ribbon. Please open printer to ensure roll of labels has not dropped off roll holder in transit. Wind on ink ribbon about 3 centimetres as described below before using.

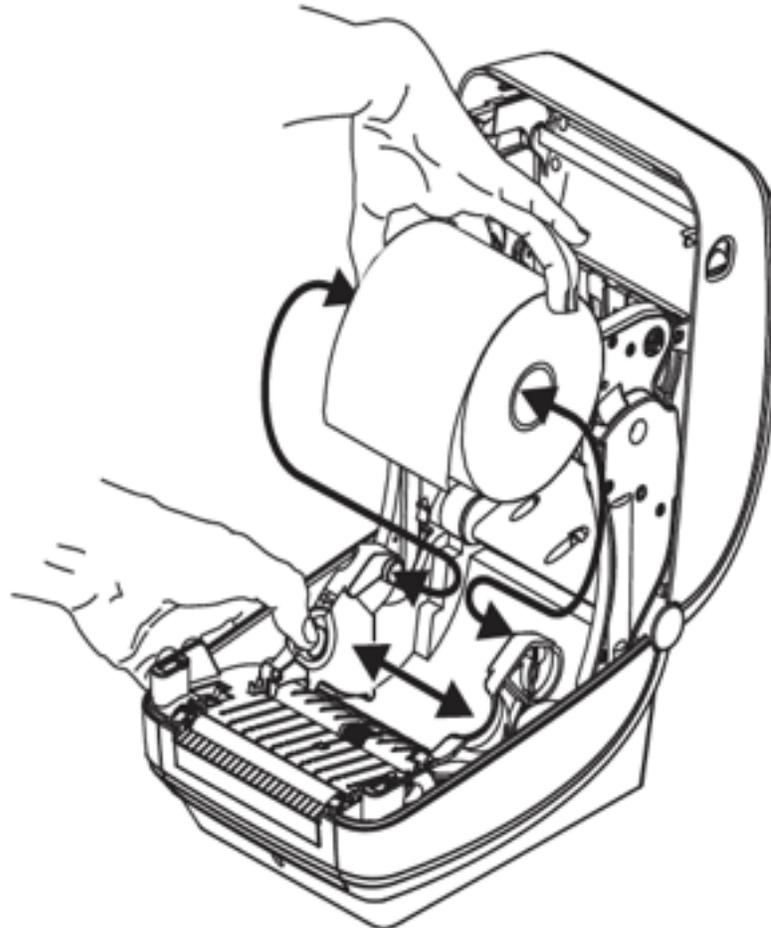
Load Labels

Ensure that labels are tight on the roll

Open Printer

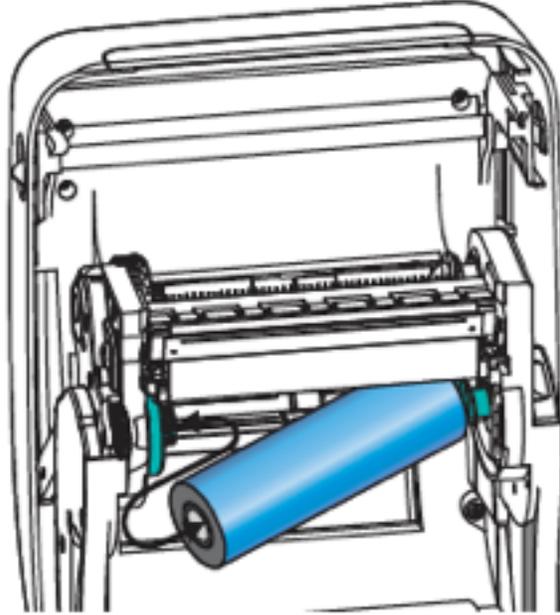
Placing the Roll in the Media Compartment

1. Open the printer. Remember that you need to pull the release latch levers toward the front of the printer.
2. Open the media roll holders. Pull the media guides open with your free hand and place the media roll on the roll holders and release the guides. Orient the media roll so that its printing surface will face up as it passes over the platen (drive) roller.



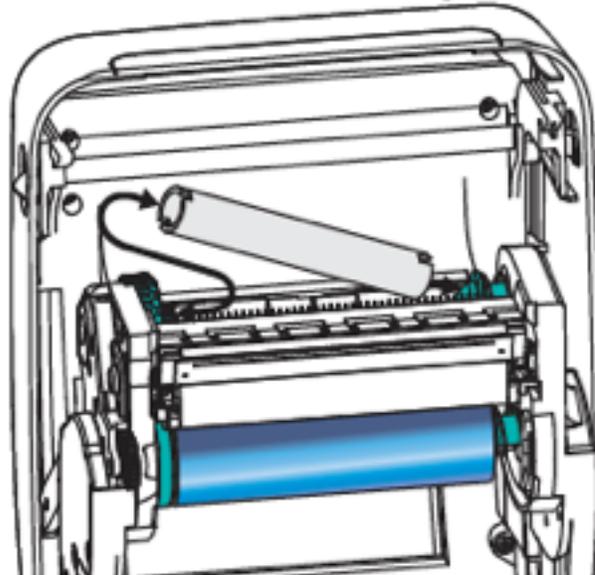
Loading Ink

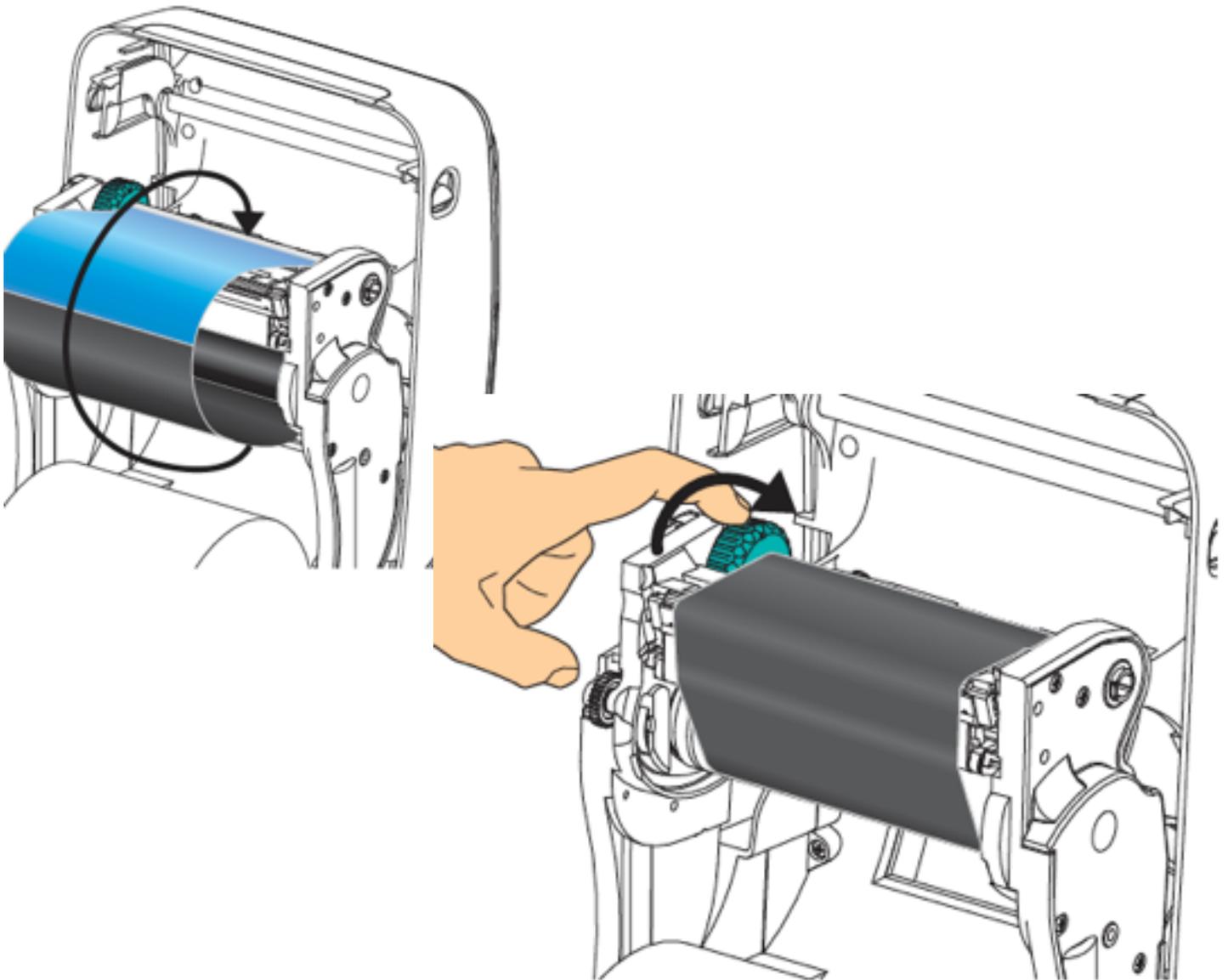
1. With the printer open, place a new ribbon roll on printer's lower ribbon supply spindles.



Rotate the roll until the notches align and lock into the left side of the supply hub.

2. Place an empty ribbon core on printer's take-up spindles. Rotate the ribbon core until the notches align and lock into the left side of the take-up hub.





Rotate the thumb wheel on the left side of the supply spindle towards the rear of the printer until the ribbon is pulled tight across the printhead.
Verify that the media is loaded and ready to print and then close the printer cover.
Press the Feed button

Using the Printer

Turn Power switch on (lower left side on back.)

The Keyboard should show main menu as in picture below.



To Retrieve Form

1) Press the FORM key (found in the top right corner of keyboard). The line in the display window of keyboard will prompt:

(Enter Form Name)

2) Enter the form number you require (see page after next) then press Enter

(Type Name) will appear in display window

3) Type in the Data you require then press Enter

4) (Number of labels sets) will appear type in the number of required labels Press Enter

Your labels will print

(If you are using a form with more than 1 line follow the prompts in the display window.)

5) If you wish to use the same data (i.e. same name same amount of labels)

Press Enter on each Line

If you wish to change Data press Exit and the display window will return to the Main Menu or press FORM to select another form

Number of Label Sets 1_

The default number of labels is always one (1).

Single Label - If one (1) label is desired, press ENTER to print that label.

Multiple Labels - If multiple labels are desired, enter the new quantity and press ENTER to print labels.

Exit a Form - Press EXIT at any time to return to the Main Menu, or press FORM to select another form.

By Default:

2" Printer - TLP2824

Labels: 5T4612,

Ink Ribbon: 5T28

FORM 1

FORM 2
TWO LINES

FORM 3
TWO LINES

FORM 4
THREE LINES
CENTERED

FORM 6

FORM 7
TWO LINES

FORM 8 EXTRA LONG

4" Printer - GK420t

Labels : 5T1482 , Ink Ribbon : 5T22

FORM 41

FORM 42
TWO LINES

FORM 43
THREE LINES
THREE LINES

Labels: 5T4612 , Ink Ribbon: 5T21 or 5T22

Forms: 21, 22, 23, 24, 26, 27

FORM 21 or 31

FORM 24 or 34
SECOND LINE
THIRD LINE

FORM 22 or 32
TWO LINES

FORM 26 or 36

FORM 23 or 33
TWO LINES

FORM 27 or 37
TWO LINES

Double Labels: 5T2DBL, Ink Ribbon: 5T22

Forms: 31, 32, 33, 34, 36, 37

Once a form has been activated, it will automatically indicate the last information keyed in. If you want to retain that information, press **ENTER**.

To Enter Data:

1) Enter the new data, thereby overriding the old data, **or**

2) Press **ENTER** if the old data is correct, **or**

3) Use the orange backspace key **or** the **CLEAR** key to modify data.

When you have finished editing and have printed the label, you will automatically return to the first variable prompt.

Exit a Form- Press **EXIT** at any time to return to the Main Menu, or press **FORM** to select another form.

To tear off label pull upwards as serrated cutting edge is on top side of opening.

So for example if you want to print 5 two line labels saying Filterfab Labels

Turn the Printer on

Press the Form Button

Press 2 (for a two line label)

Press Enter Button

The screen will say "ENTER FIRST LINE"

Type "Filterfab"

Press Enter Button

The screen will say "ENTER SECOND LINE"

Type "Labels"

Press Enter Button

The Screen will say "No of Label sets"

Type "5"

Press Enter Button

Labels will Print

Guarantee

This Thermal Printer Kit is guaranteed to be free from defects in materials and workmanship for a period of ONE (1) Year from proven date of installation.

Should in our opinion any part of this unit be defective in materials or workmanship it will be replaced or repaired free of charge (excluding and travelling / carriage cost which will be charged at our discretion) provided the unit has been installed and operated in the correct manner and not subjected to misuse.

A charge will be made for any costs incurred if a reported fault on the unit is found to be due to incorrect installation, operation and / or incorrect materials being used, as it is the responsibility of the user to ensure the suitability of the materials operating through the printer.

Label Reorder Codes Item

Filterfab Code

2" Thermal Label Roll	5T4612
2" Thermal Label Ink	5T28
4" Thermal Label Roll	5T1482
4" Thermal Label Ink	5T22

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