User Manual

GoDEX

ZX1000i+/ZX1000Xi+ Series
Thermal Label Printer

Contents

ZX1200i+/ZX1200Xi+ Series
FCC COMPLIANCE STATEMENT
FOR AMERICAN USERS

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

● Reorient or relocate the receiving antenna.

● Increase the separation between the equipment and receiver.

● Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

● Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received,including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

TO WHICH THIS DECLARATION RELATES
IS IN CONFORMITY WITH THE FOLLOWING STANDARDS

EN IEC62368-1:2018

EN 55032:2015/A11:2020 Class B   EN IEC 61000-3-2:2019

EN 61000-3-3:2013+A1:2019

EN 55035:2017/A11:2020

IEC 61000-4-3 Edition 3.2 2010-04, IEC 61000-4-4 Edition 3.0 2012-04,

IEC 61000-4-5 Edition 3.1 2017-08, IEC 61000-4-6 Edition 4.0 2013-10,

IEC 61000-4-8 Edition 2.0 2009-09, IEC 61000-4-11 Edition 2.1 2017-05

AS/NZS CISPR 32:2015 Class B

CISPR PUB. 22,FCC Part 15 Subpart B

SAFETY INSTRUCTIONS

Please read the following instructions carefully.

1. Keep the equipment away from humidity.

2. Before you connect the equipment to the power outlet, please check the voltage of the power source.

3. Make sure the printer is off before plugging the power connector into the power jack.

4. It is recommended that you connect the printer to a surge protector to prevent possible transient overvoltage damage.

5. Be careful not to get liquid on the equipment to avoid electrical shock.

6. For safety and warranty reasons, ONLY qualified service personnel should open the equipment.

7. Do not repair or adjust energized equipment under any circumstances.

* The cutter is an optional accessory. If the cutter is installed, it is not suitable for children to approach.

Caution

*   Danger of explosion if battery is incorrectly replaced. Replace only with the equivalent type recommended by the manufacturer.

**   Dispose of used batteries according to the manufacturer's instructions.

***   Only use with designated power supply adapter model.

**** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

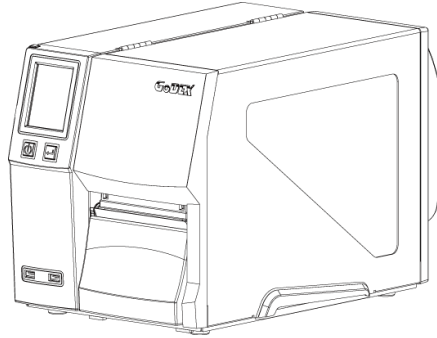Specifications are subject to change without notice.
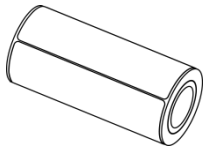
1 Thermal Label Printer

1.1 Box content

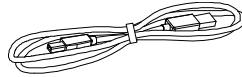Please check that all of the following items are included with your printer.

- Barcode Printer

- Label Stock

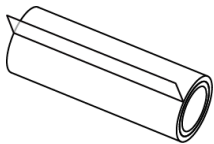- USB Cable

- Quick Guide

- Ribbon

- Power Cord

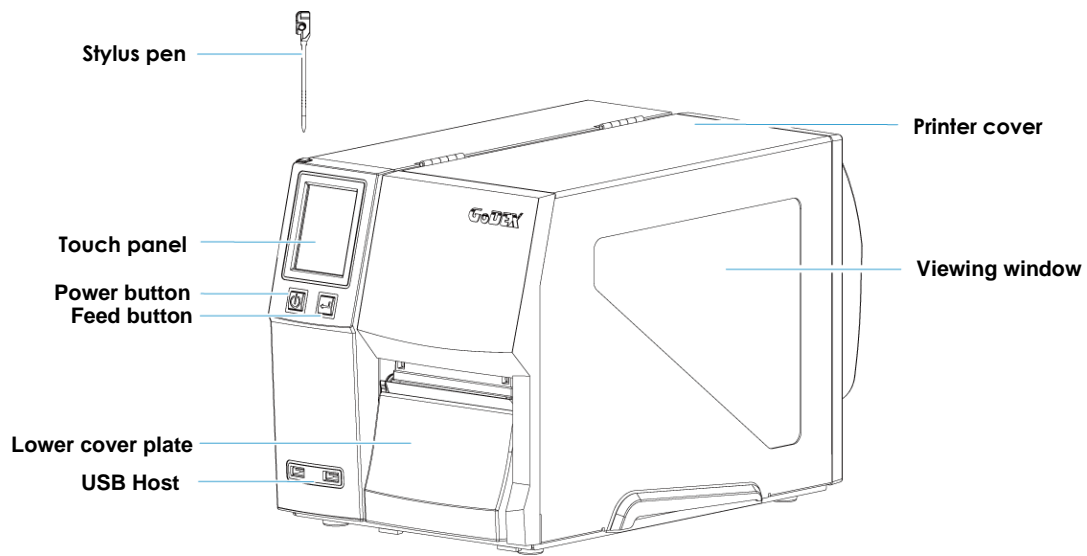# 1 Thermal Label Printer

1.1 Box content
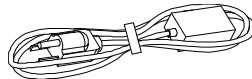
1.2 Getting to know your printer

Device Overview

•Front View

Stylus pen

Printer cover

Touch panel

Power button

Feed button

Viewing window

Lower cover plate

USB Host

•Rear View

Feed slot for continuous labels

Calibration button

Ethernet port

Serial port (DB-9)

Applicator Interface(OPTION)

USB port

USB Host

Parallel port(OPTION)

Power jack

On/Off switch
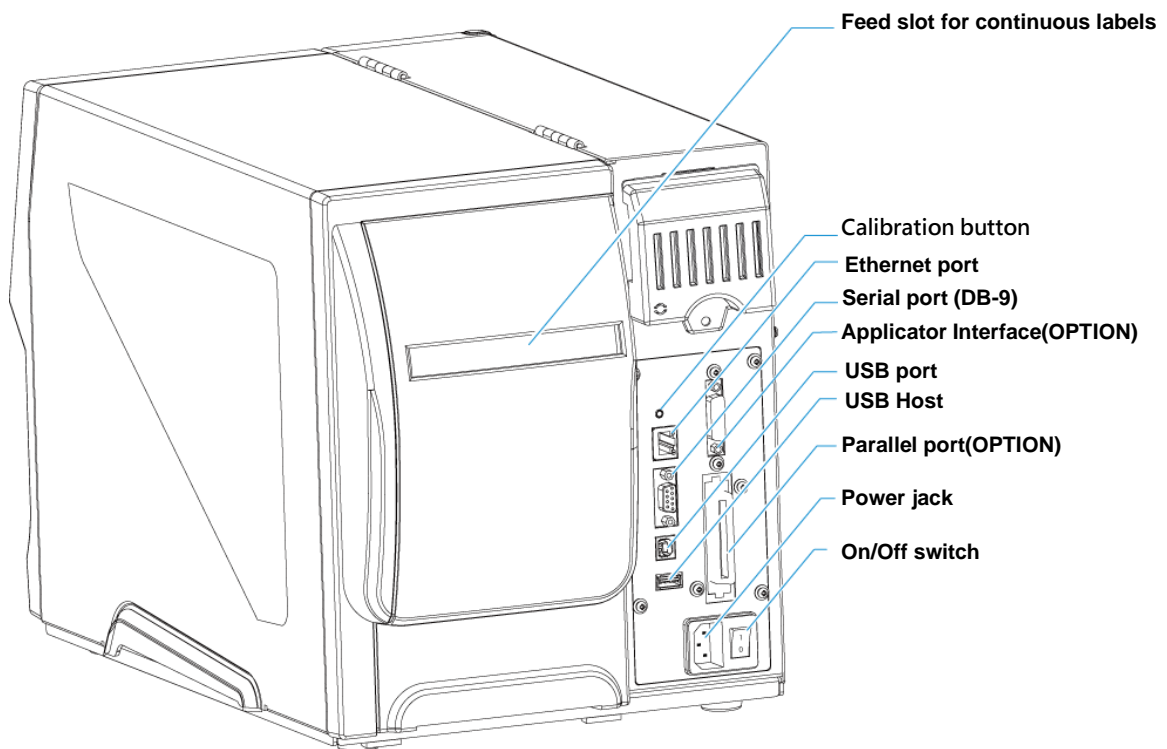
● The Internal View of Printer

Ribbon rewind hub

Ribbon supply hub

Print mechanism

Platen roller

Release lever for print head

Paper guide

Label tension guide

Label supply hub

Label roll guide

Adjustable Sensor

Paper guide
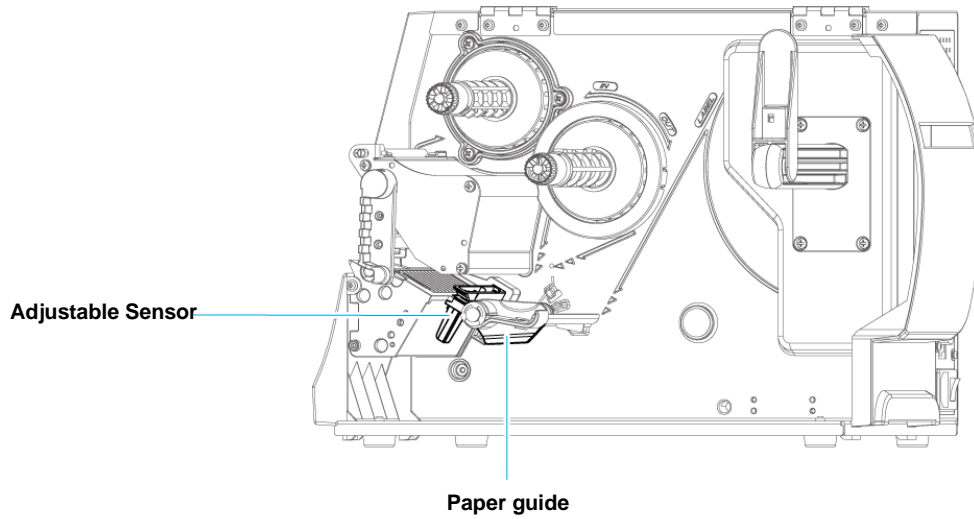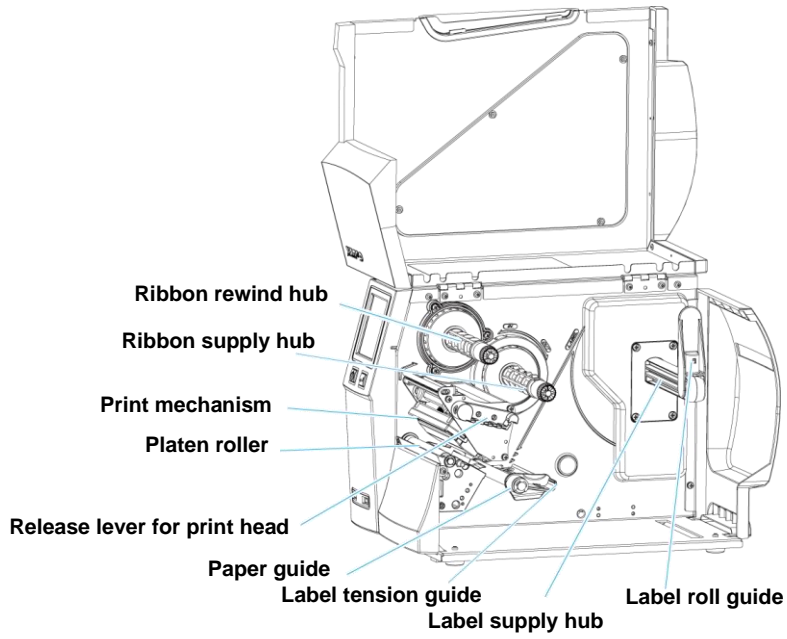
2 Printer Setup
2.1 Loading the label roll

This printer supports the following printing methods:

Thermal transfer printing (TTP)：Requires a ribbon for transferring a printed image to a medium.

Direct thermal printing (DTP)：Does not require a ribbon, only thermal paper.

Please check which printing method you are using and alter the settings accordingly in the printer driver, printer menu, and/or software.
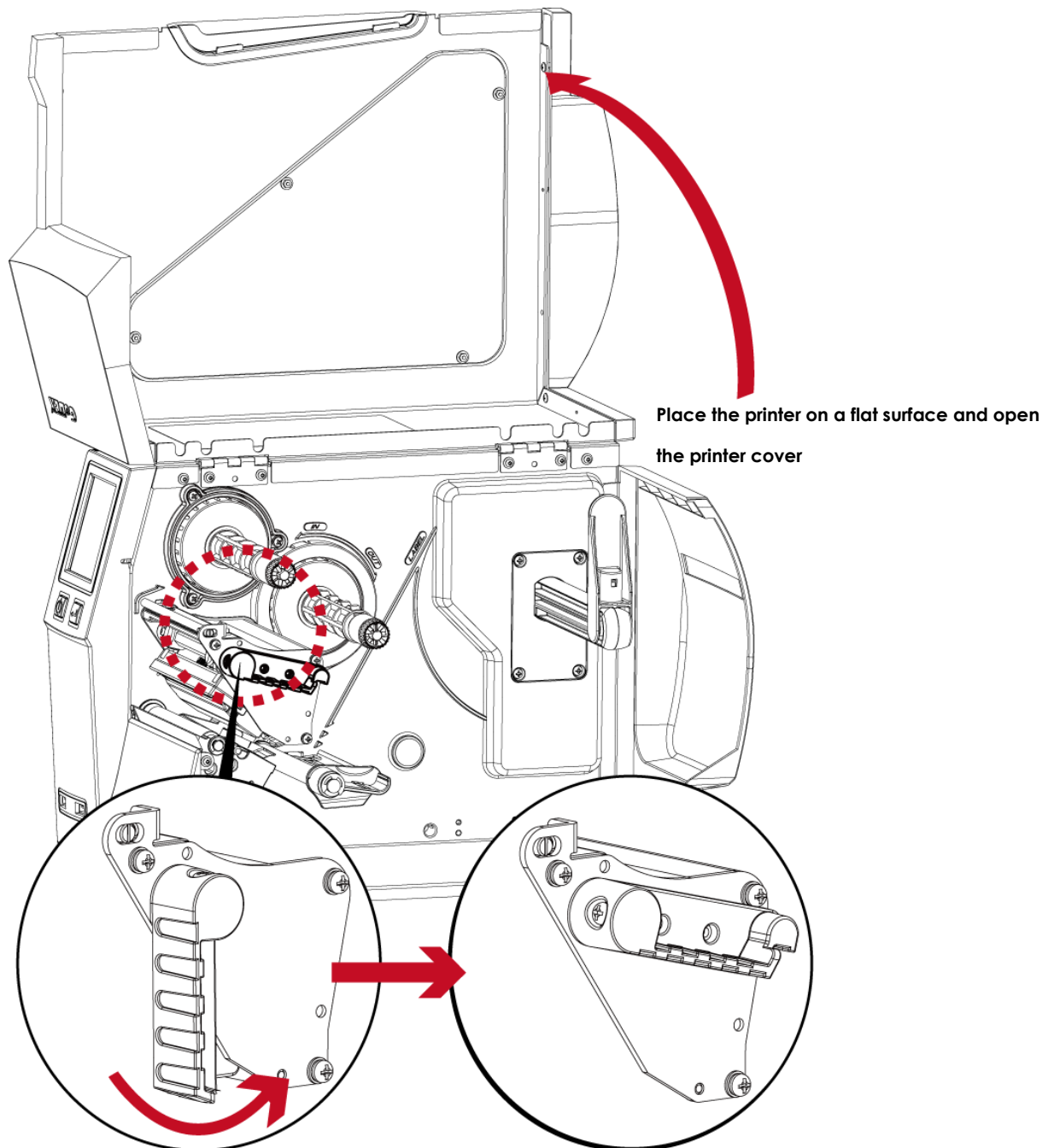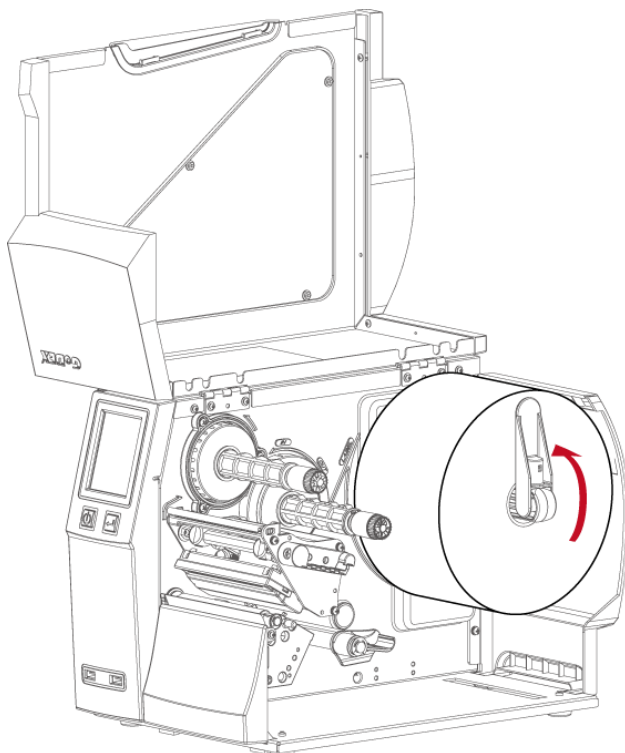
Place the printer on a flat surface and open the printer cover

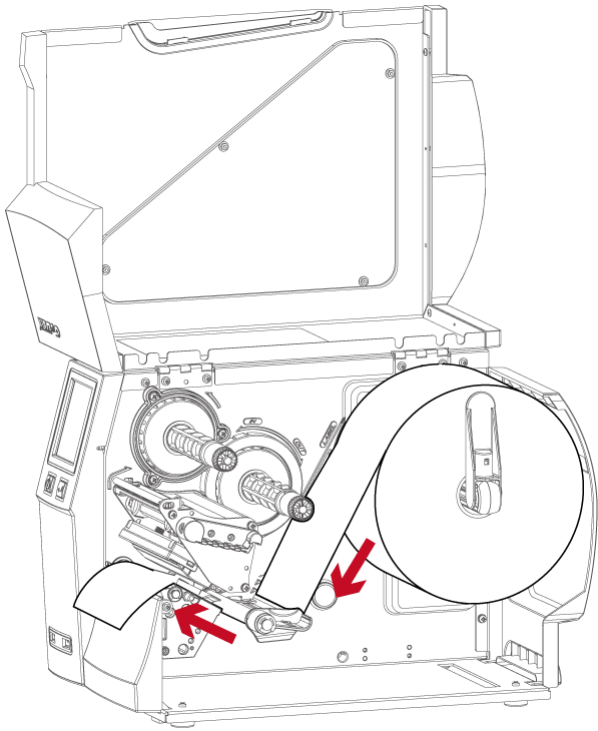**Turn it anticlockwise to a top right position as shown in the illustration**
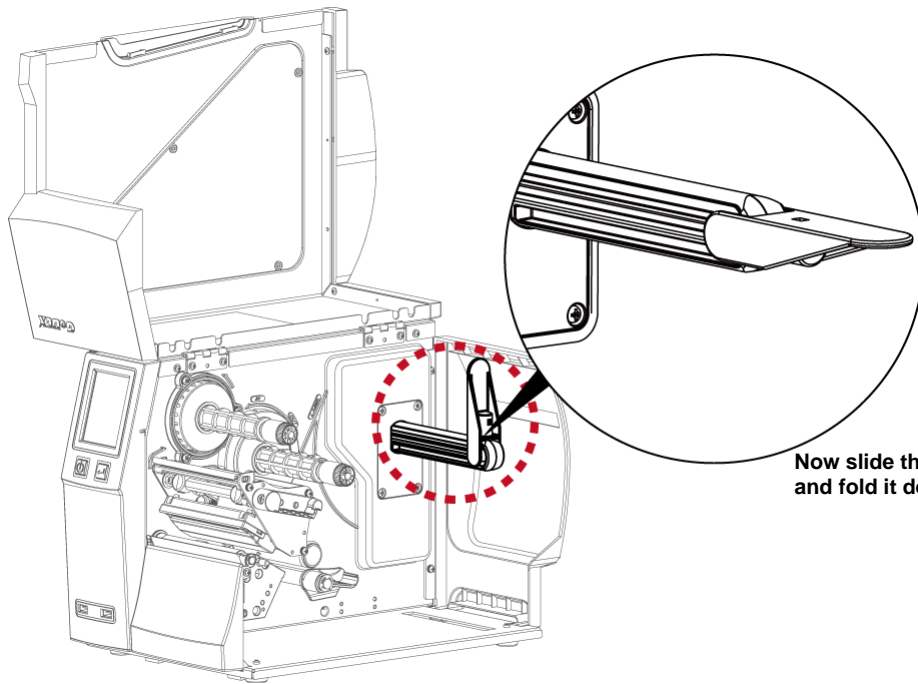
Now slide the label roll guide forward and fold it down

Place the label roll on the label supply hub, pushing it right up to the printer housing.

(Do not apply too much pressure to avoid damaging the label stock.)

Load the label roll into the printer as shown in the illustration. Pass it through the printer as indicated by the red arrows.

Pass the label stock through the Adjustable Sensor and up to the tear-off plate.
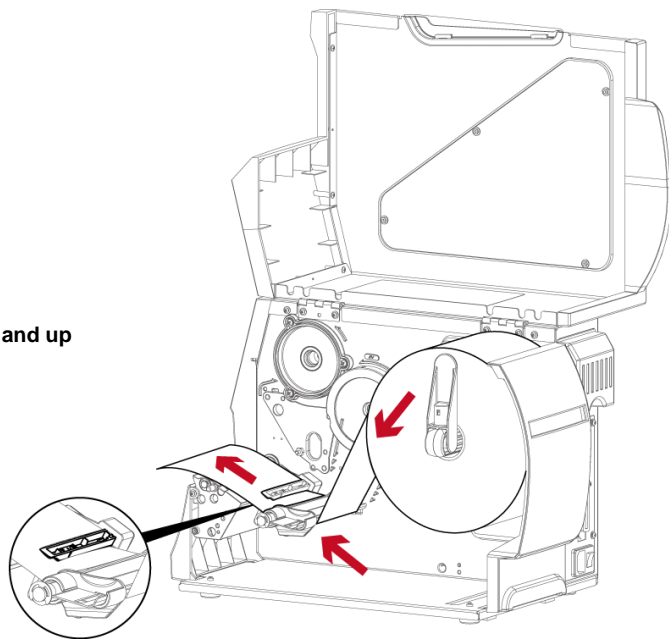
2. Return the print head release lever to its original position.
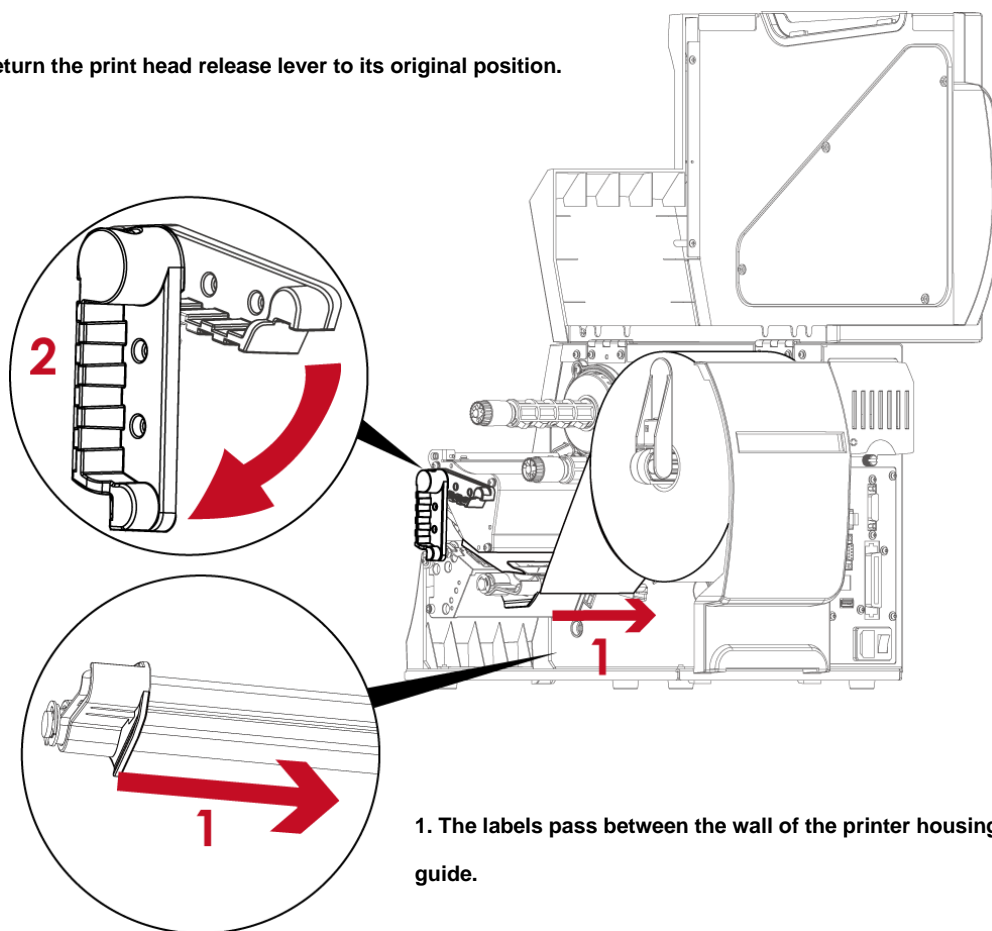
1. The labels pass between the wall of the printer housing and the adjustable paper guide.
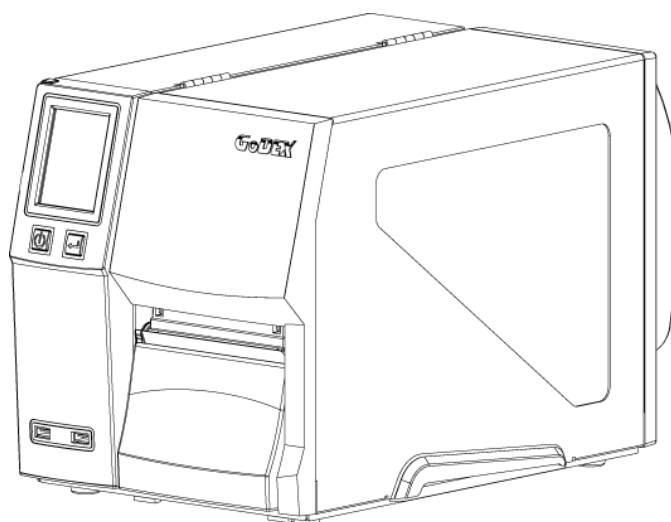
Then close the printer cover.

2.2 Loading & Removing the ribbon

Loading Ribbon

Place the printer on a flat surface and open the printer cover

Place a new ribbon on the ribbon supply hub.
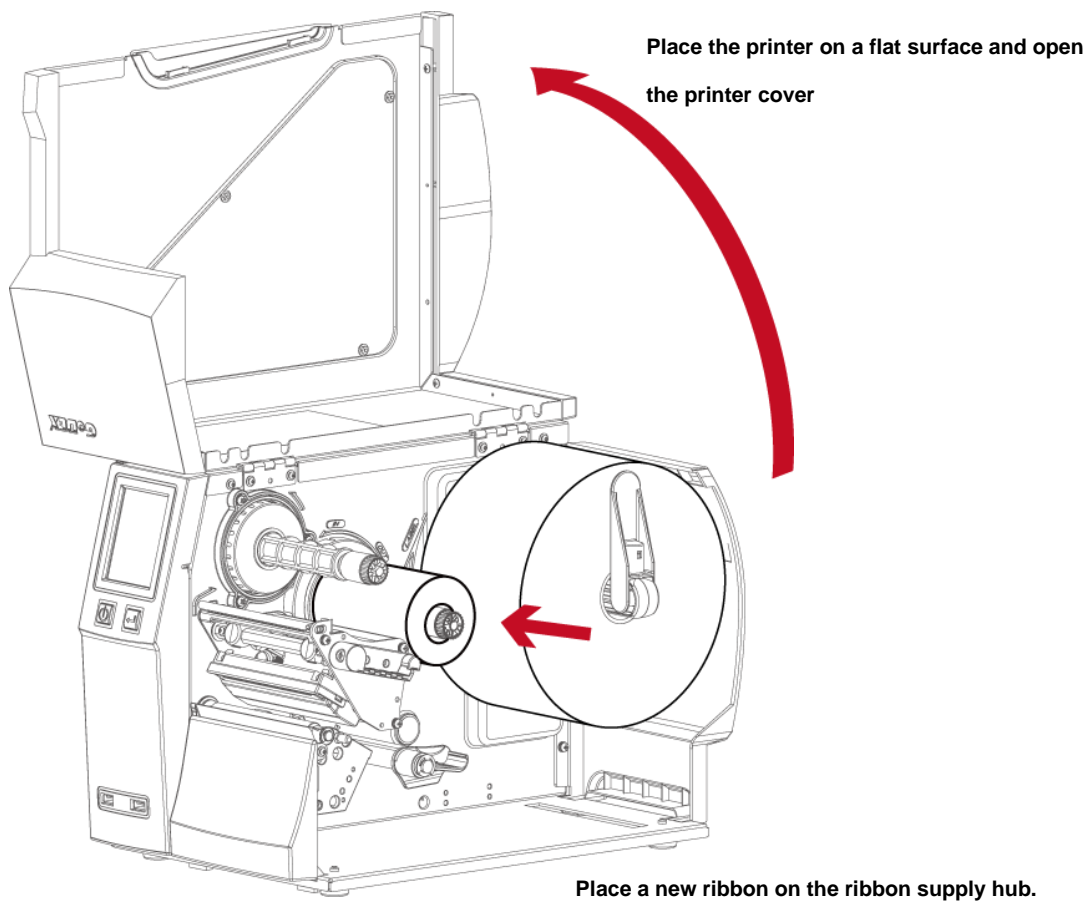
The two illustrations as below show you how to install the ribbon depending on the ribbon type (ink side in or out).

Ink side out	Ink side out
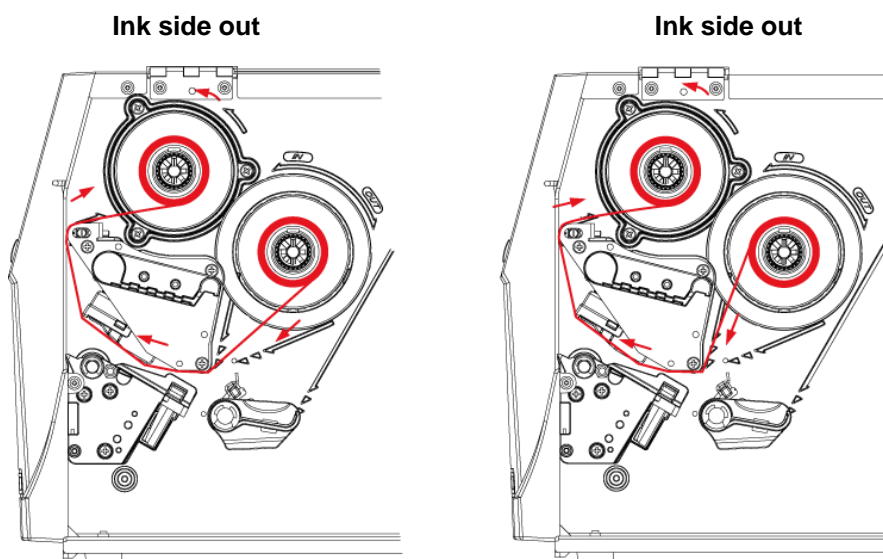
Pass the ribbon under the print head and back up on the other side.

Attach it to the empty ribbon core.
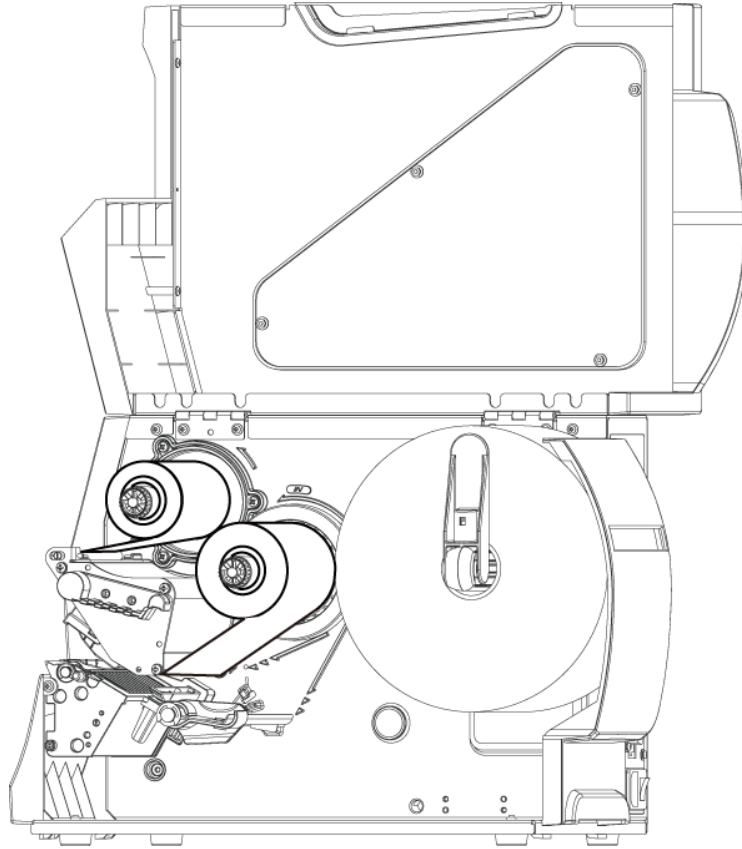
Note
———

* Do not pass the ribbon under the sensor.

2.3 Connecting the printer to the host computer

1. Please make sure that the printer is switched off.

2. Connect the power cord to the AC adapter and connect the adapter to the printer.

3. Connect the USB cable to the printer and host computer.

4. Switch on the printer. The operator panel should now light up.

Thermal Label Printer
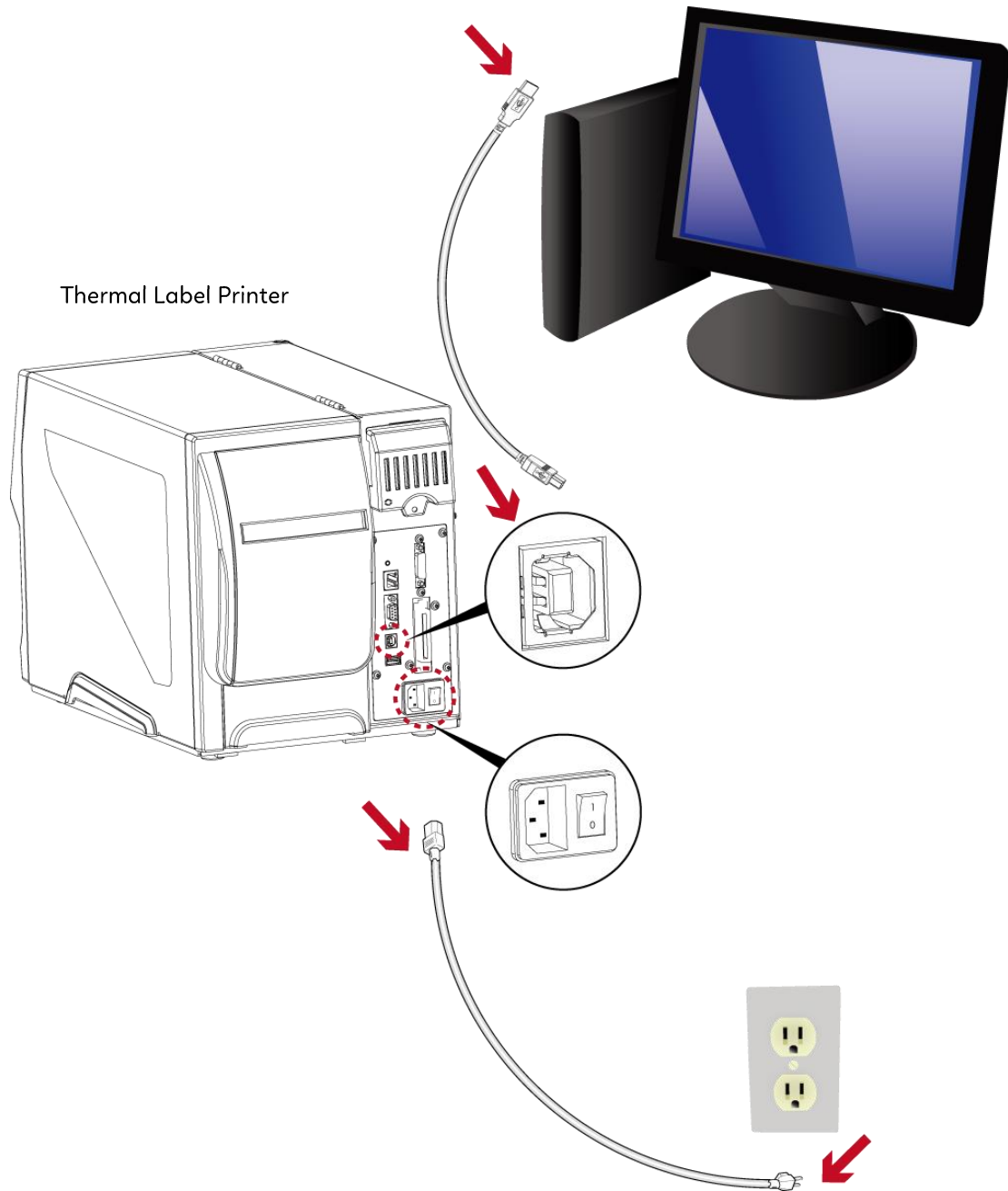
2.4 Installing printer driver and GoLabel II

Relevant documents and software can be found and download on GoDEX official website.

Driver

Step1. Click the compressed driver file in the folder.

Select "I accept the terms in the license agreement." and click "Next".

Step2. Select the path to unzip and click "Next"

Step3. Click "Finish" and open the Driver Wizard

Step4. The driver installation wizard will automatically detect the model, please click "Next" to start the installation.
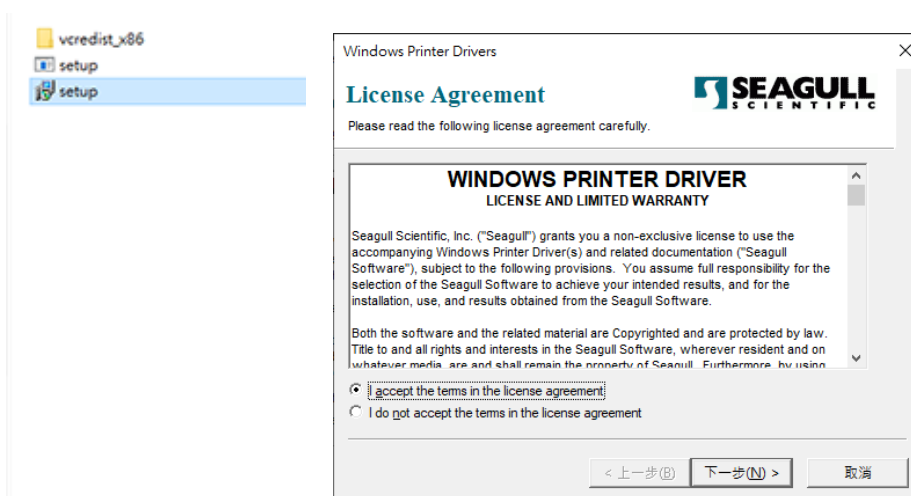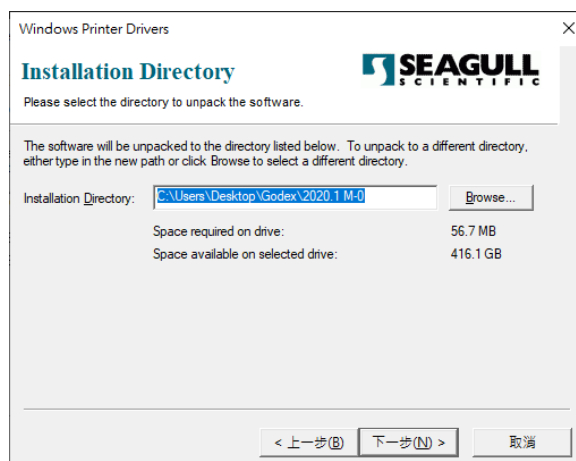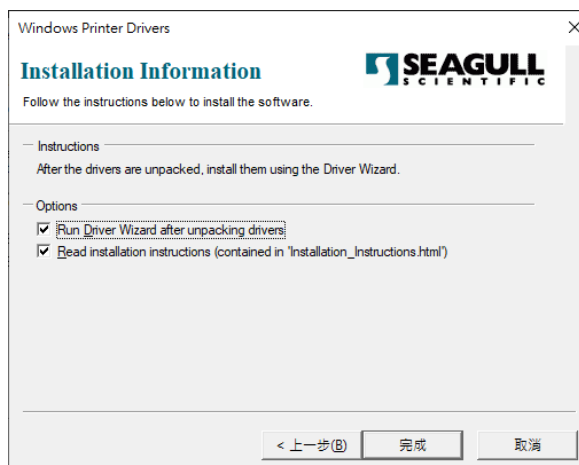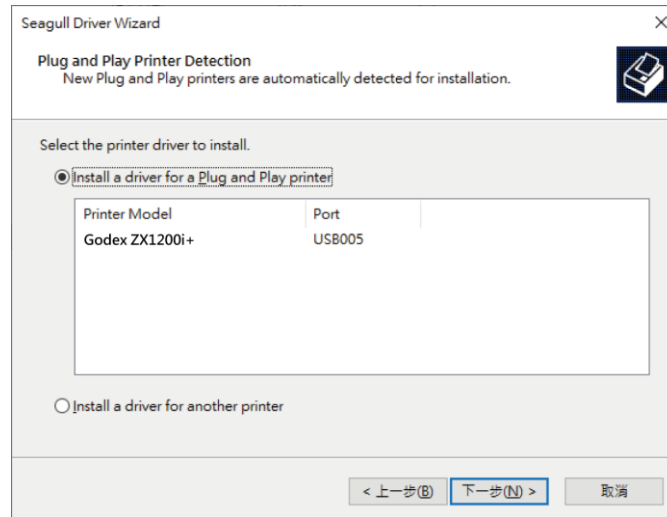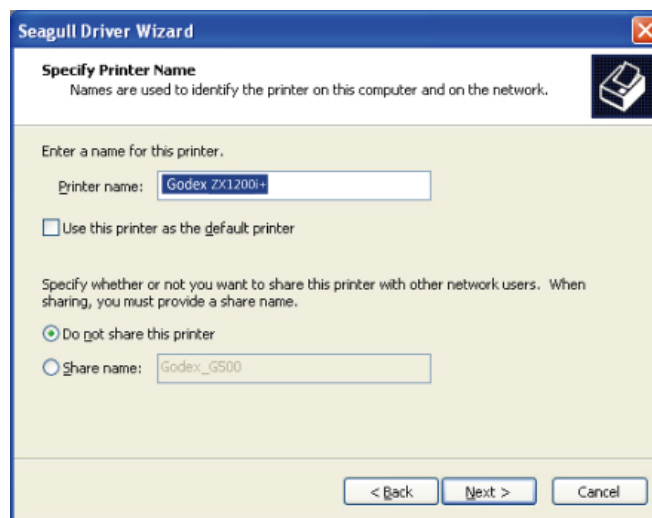
Seagull Driver Wizard ✕

Plug and Play Printer Detection
New Plug and Play printers are automatically detected for installation.

Select the printer driver to install.

⦿ Install a driver for a Plug and Play printer

Printer Model	Port
Godex ZX1200i+	USB005

○ Install a driver for another printer

< 上一步(B)   下一步(N) >   取消

Step5. After entering the printer name, click "Next"

Seagull Driver Wizard ✕

Specify Printer Name
Names are used to identify the printer on this computer and on the network.

Enter a name for this printer.

Printer name: Godex ZX1200i+

☐ Use this printer as the default printer

Specify whether or not you want to share this printer with other network users. When sharing, you must provide a share name.

⦿ Do not share this printer
○ Share name: Godex_G500

< Back   Next >   Cancel

Step6. After confirming the settings, click "Finish" to install.

Seagull Driver Wizard ✕

Completing the Seagull Driver Wizard

A new printer will be installed using the following settings:

Name: Godex ZX1200i+
Share name: <Not Shared>
Port: USB001
Default: No
Manufacturer: Godex
Model: Godex ZX1200i+
Version:

To begin the driver installation process, click Finish.
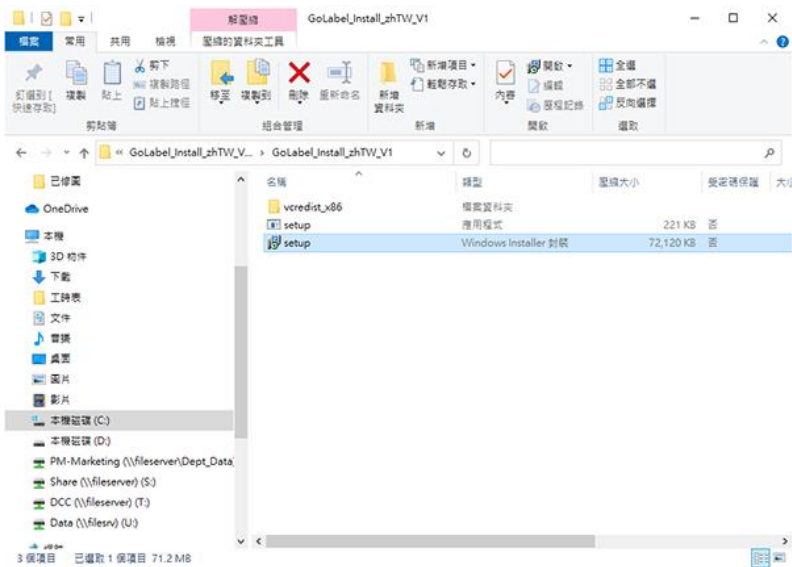
< Back   Finish   Cancel

Step7.Once the driver installation is complete, the new printer should appear in the "Printers and Faxes" folder.
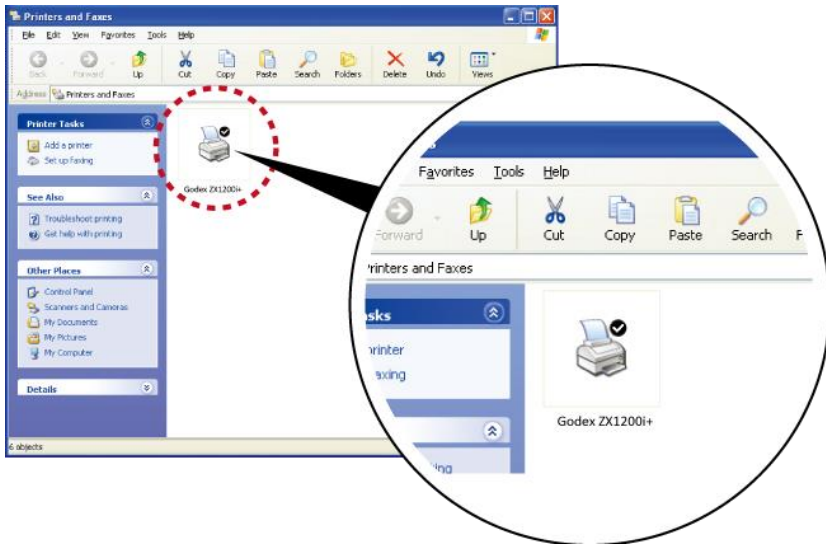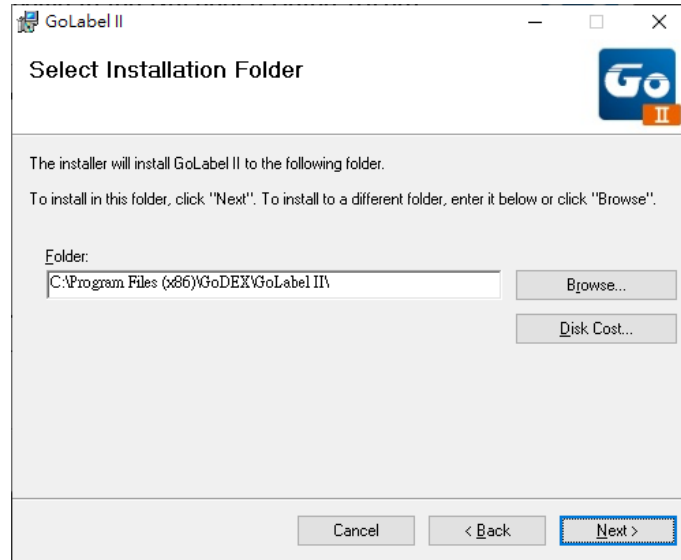
Installing GoLabel II

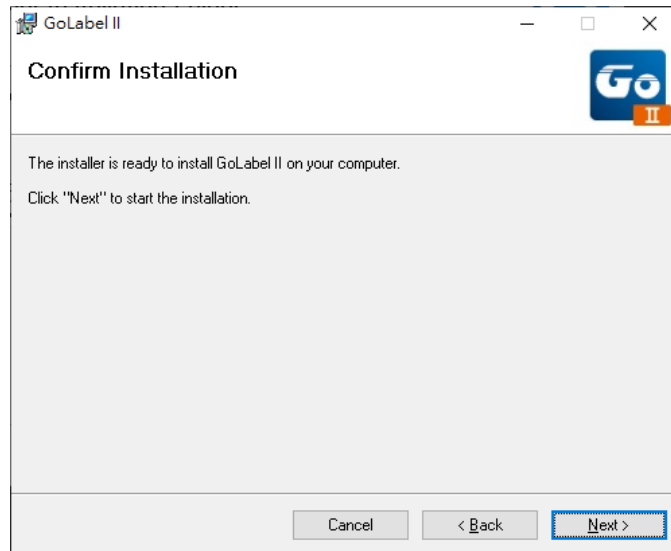Step1. Click the installer in the folder to install.

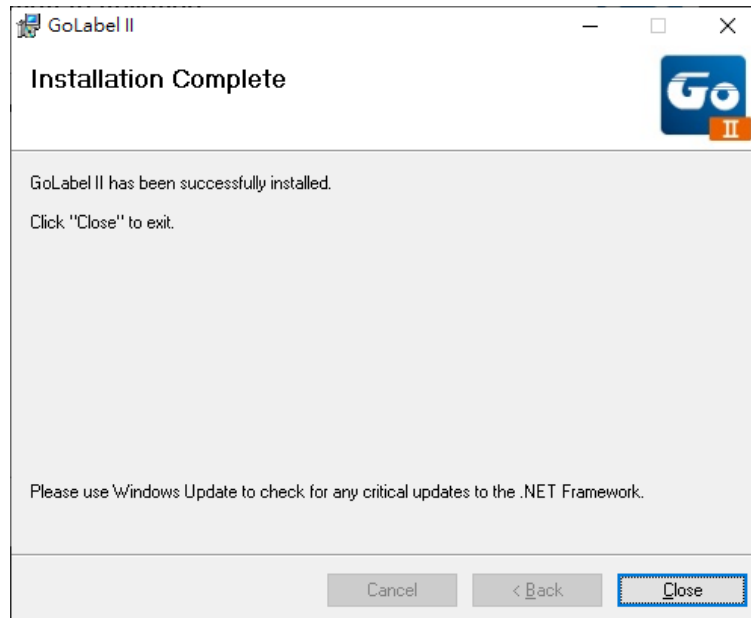Step2. After entering the installation screen, click "Next".

Step3. After selecting the folder to install, click "Next"

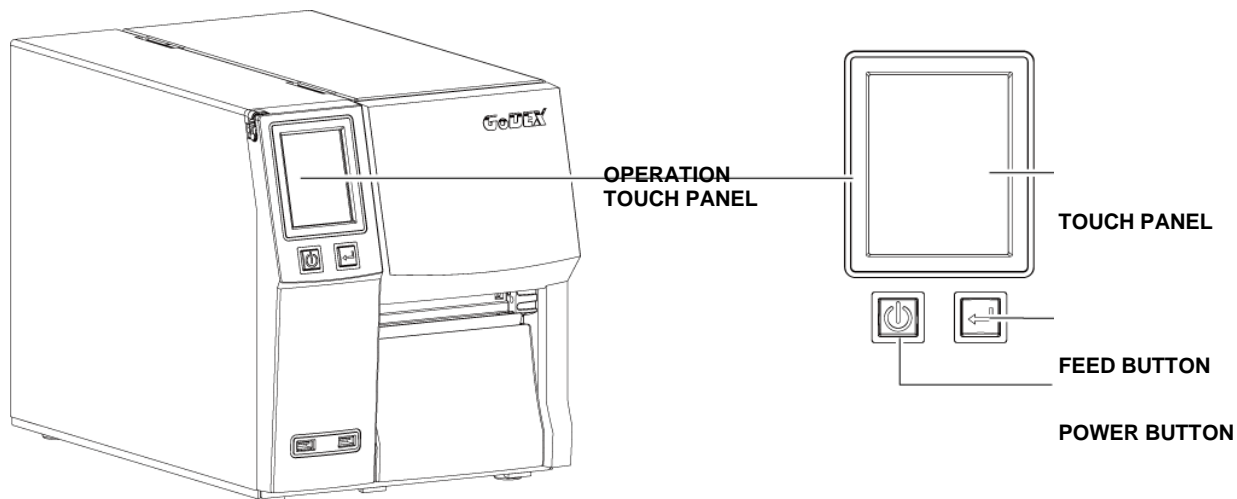Step4. Click Next to start the installation.

Step5. Finish installation

3 Printer Setting and Control
3.1 Operation panel

OPERATION TOUCH PANEL

TOUCH PANEL

FEED BUTTON

POWER BUTTON

POWER Button

Press the POWER button to turn on the printer, and the START UP SCREEN appears. The printer is on "ready to print"

status, the LCD screen should display the message "READY" on the screen.

When printer is turned on, hold and press down the POWER button for 3 second will turn the printer off.

FEED Button

Turn on the printer and press the FEED button.

When you press the FEED button, the printer will advance media until the FEED button is released.

If you are using continuous labels, pressing the FEED button will advance a length of media until the button is released.

If you are using media with gaps, pressing the FEED button once will advance only one label.

If the label does not stop at the correct position, you need to run the auto-detection function for your media,

please see Section 3.4 Label Calibration and Self-Test.

PAUSE PRINTING_FEED Button

Pressing the FEED button while the printer is in standby mode will set the printer to pause mode. In this mode, the printer can receive commands, but it

will only process them when it is reset to standby mode. Pressing the FEED button again will reset the printer to standby mode.

Pressing the FEED button during printing will interrupt printing. When the FEED button is pressed again, the printer resumes printing. Example: While a 10-

label print job is running, you press the FEED button to pause the printer.

Two of the labels have been printed. To resume printing and print the remaining eight labels, you will need to press the FEED button again.

CANCEL PRINTING_FEED Button

Press and hold the FEED button for 3 seconds during printing cancels a print job. The current print job is cancelled.

Example: While a 10-label print job is running, you press the FEED button. Two of the labels have been printed.

The print job is cancelled and the remaining eight labels will not be printed.
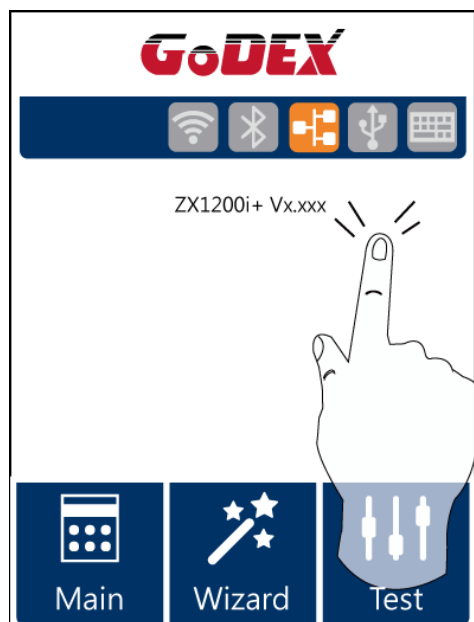
3.2 LCD interface introduction

Getting Started

Press the POWER button to turn on the printer, and the START UP SCREEN appears.

Power on

If the printer is on "ready to print" status, the LCD screen should display the message "Ready" on the screen.

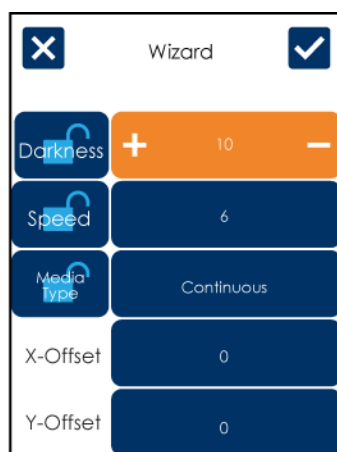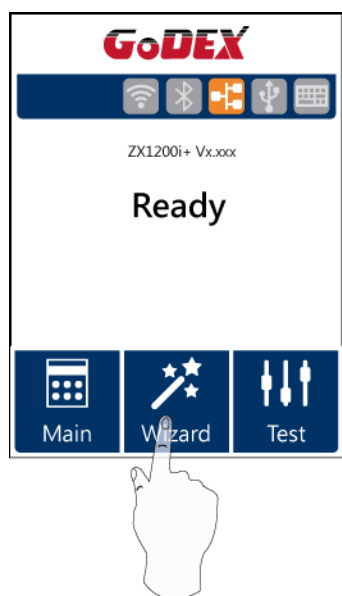Use touch gestures to get around the Home screen and other screen for setting.

Tap the screen with your finger or the stylus pen when you want to select on screen items such as settings icons.

On the Ready Page, three function mode for setting. You can make various setting functions in FUNCTIONAL MODE.
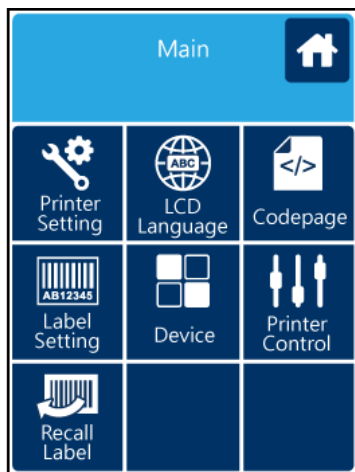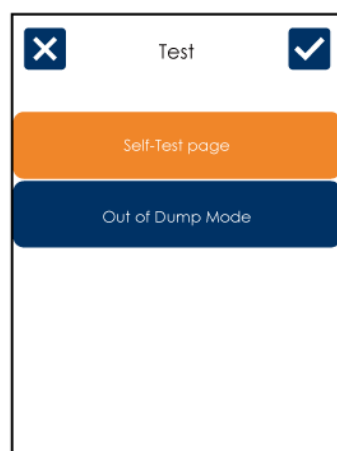
Tap "Main" --

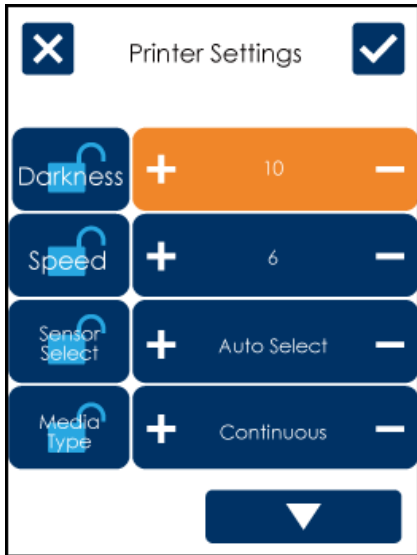Screen could show more detail of "Main"

Tap "Wizard" --

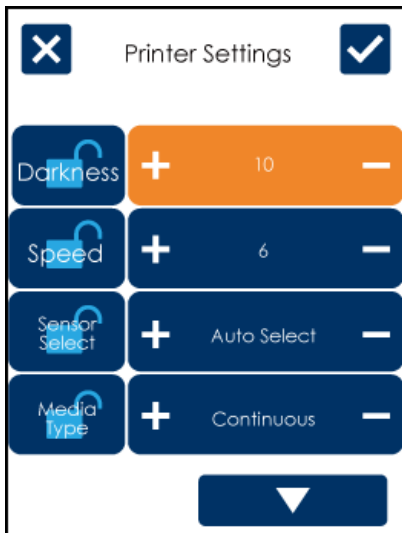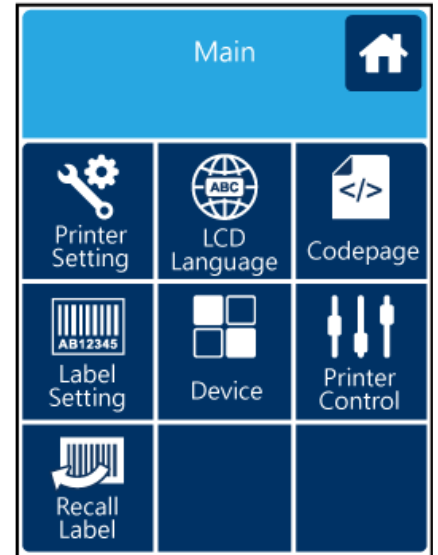Set up printer of "Darkness" "Speed" ...

Tap "Test" --

self-Test page and Out of Dump Mode for setting.

finish setting tap ✓ back to
main page

if do not save, tap ✗ system
would not save any changes.

UNLOCK

LOCK

If printer functions locked, printer can not receive any commands
from GoLabel or any devices.

Keyboard Mode

When plug-in an USB keyboard to the printer, LCD touch panel will display "Enter Standalone", press the "Y" key
on keyboard to entering to the dialog for "Keyboard Mode" operation.
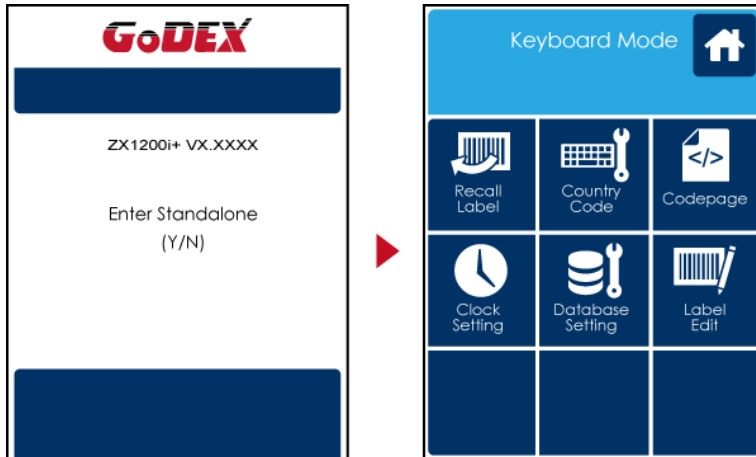
Preview Label function

User can choose any labels which have done in the printer and preview it. (See Instuctions)

From the Home screen, tap ⌂
to Main Page.

From the Main Page tap Recall Label
to Recall Label Page.
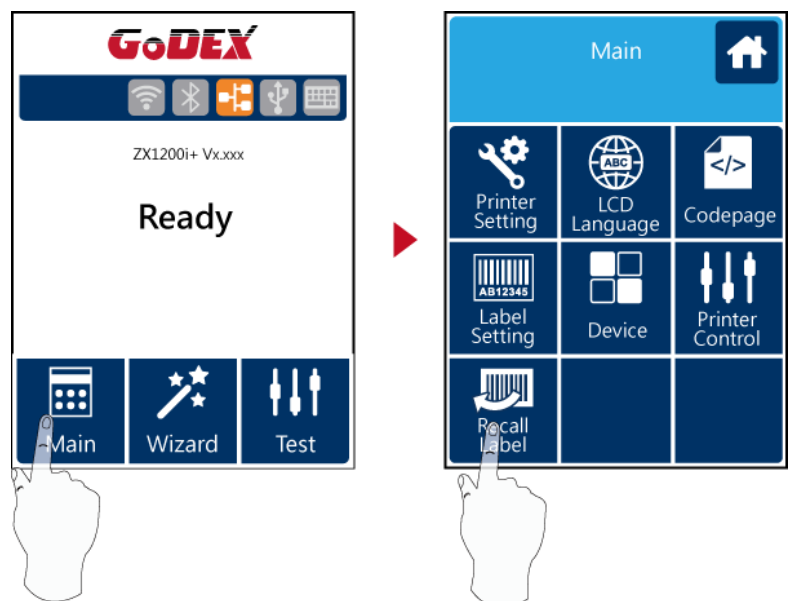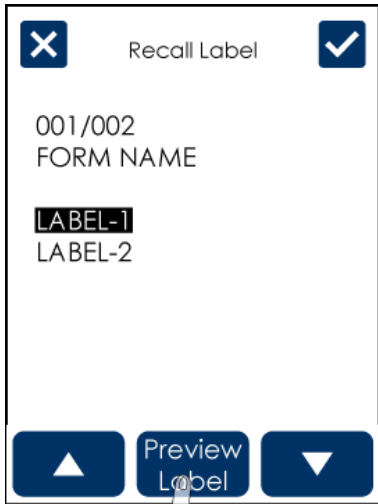
From the Recall Label page, the touch panel shown on all labels. The Data processing time will be extended as long as the labels increase.

Tap to choose labels.

Tap to choose labels.

Tap Label can see printing label

Keeping tap to next page
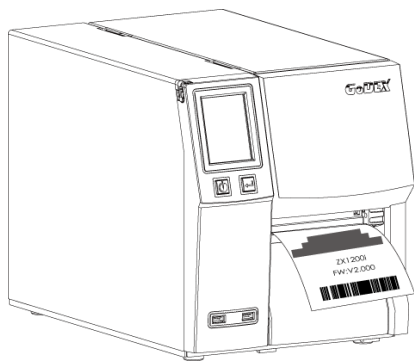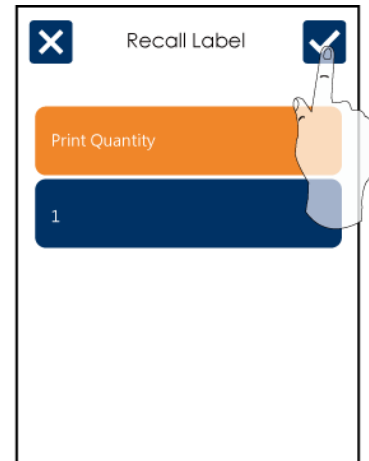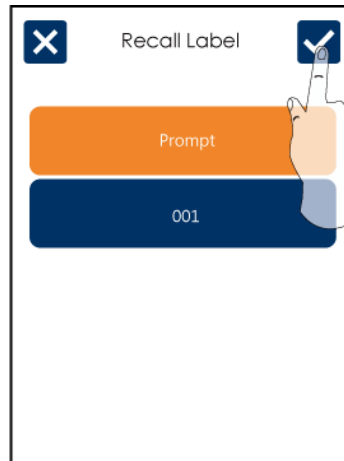
Print out selected label.

Note
_____

* Using recall label function send commands, printer display must be back to Ready Page.

3.3 LCD interface function

Main Page
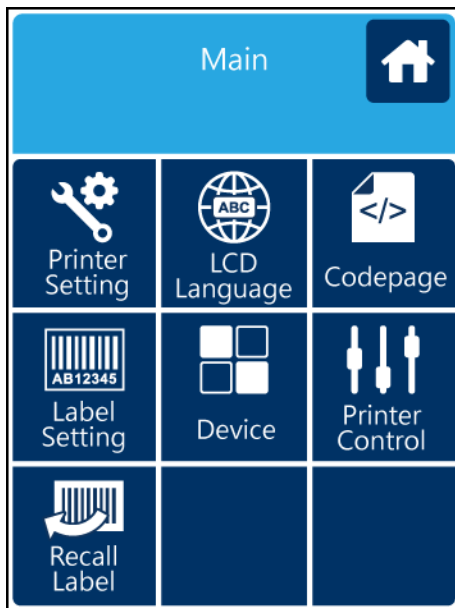
	Setting items for printer, ex. Printing speed, darkness. Also includes a Printing Wizard for your ease of printing.
	More than 10 languages for printer setting
	It consists of a table of values that describes the character set for a particular language
	Setting items for printing label, ex. Rotation, Printing position offset.
	Option modules and connection port settings.
	Self-Diagnose functions for printer, ex. TPH testing, self-test page printing.
	Recall Label

Device Page

	Setting off or on for buzzer
	Setting items for options, ex. Cutter, Label Dispenser, Applicator
	Setting Programing Language. Auto/EZPL/GEPL/GZPL/GDPL
	Setting items for Serial Port, ex. Baud Rate, Parity, Data Bits, Stop Bits.
	Setting items for LAN, ex. Port NO., DHCP, Dynamic IP, Default Gateway, Subnet Mask.
	Setting items for LCD, ex. Brightness, Contrast, Power Saving, Password
	Setting items for Clock, ex. Year, Month, Day, Hour, Minute

Setting Items in Setting Mode

Printer Setting	Darkness	0-19		
	Speed	2-5		
	Sensor Select	Media Detection	Auto Select	
			See-Through	
			Reflective	
		Media Type	Label with Gaps	
			Label with Marks	
			Continuous	
	Printing Mode	Direct Thermal		
		Thermat Transfer		
	Tear-off Position	0-40		
	Top of Form	Apply		
		Cancel		
LCD Language		English		
		Deutsch		
		繁體中文		
		簡體中文		
		Français		
		Español		
		日本語		
		Italiano		
		Русский		
		Türkçe		
Codepage		850		
		852		
		437		
		860		
		863		
		865		
		857		
		861		
		862		
		855		
		866		
		737		
		851		
		869		
		Win 1252		
		Win 1250		
		Win 1251		
		Win 1253		

			Win 1254	
			Win 1255	
			Win 1257	
	Label Setting		Rotation	
			X-offset	
			Y-offset	
			Start Offset	
	Device	Buzzer	OFF	
			ON	
		Optional Setting	None	
			Cutter	
			Label Dispenser	
			Applicator	
		Programing Language	Auto/EZPL/GEPL/GZPL/GDPL	
		Serial Port Setting	Baud Rate	4800 bps
				9600 bps
				19200 bps
				38400 bps
				57600 bps
				115200 bps
			Parity	Non
				Odd
				Even
			Data bits	7 bits
				8 bits
			Stop bits	1 bits
				2 bits
		LAN Setting	DHCP	On
			IP Address	192.168.102.076
			Subnet Mask	255.255.255.0
			Gatway	192.168.0.254
		LCD Setting	Brightness	5
			Contrast	5
			Power Saving	15
			Password	OFF
		Clock Setting	Year	
			Month	
			day	
			Hour	
			Minute	
	Printer Control		Test	
			Sample Pattern	
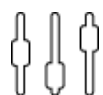
|	Select Memory
	Clear Memory
	Calibration
	Reset to Default

 Recall Label

Status of LCD Interface

When printer is on standby status (ready to print), the LCD interface will display "Ready" on screen.

You can only print when you see the "Ready" status.

If there is any printers error, the LCD screen will display the error screen to show the type of error.

You can fix the error according the notice.

WARNING ICON

ERROR ICON

ERROR DESCRIPTION
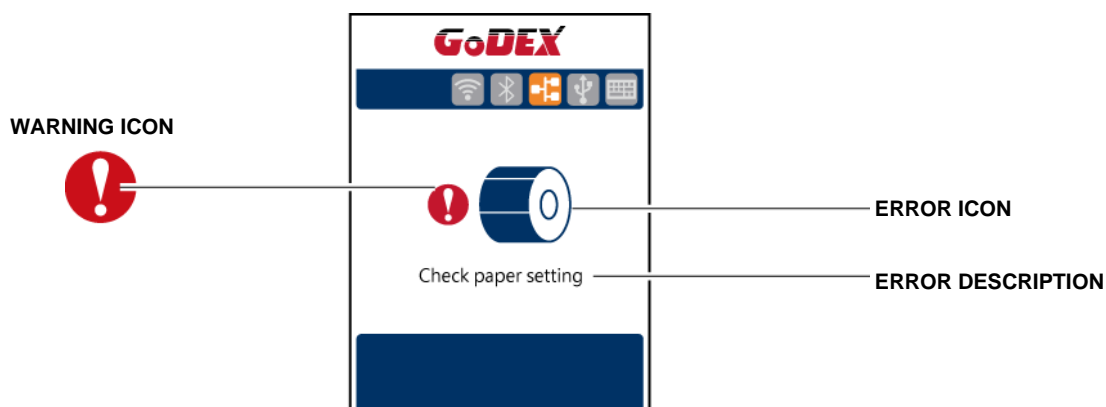
Icon Definition

	To upper level	Appears on the NAVIGATION ICON of Setting Pages. It guides you back to upper level by touching display upper right icon.	
	To main page	Appears on the NAVIGATION ICON of Setting Value Pages. It guides you back to main page by touching display upper left icon.	
	Lock	On Setting Value pages, touch display icons to lock the value for preventing unexpected change.	
	Unlock	Touch display icons again to unlock the value.	

3.4 Label calibration and self test

Label Calibration

The printer can automatically detect and store label height.

That means the host computer does not need to transmit the label height to the printer.

Self Test

Self-test function lets you check whether the printer is functioning normally.

Here is how you run the label size calibration and self test.

1. Check that the label stock is loaded correctly.

2. Turn off the printer.

3. Turn the printer on again, keeping the FEED button pressed. When the LED starts to flash red, release the FEED button.

   The printer will now measure the label stock and store the label height.

4. Once the printer has successfully measured the label stock, it will print a self-test label.

   The contents of a self-test printout are listed below.

Label	Value
Model & Version	ZX1200i+: XX.XXX
USB ID setting	USB S/N:12345678
Serial port setting	Serial port:96,N,8,1
MAC address of Ethernet port	MAC Addr:xx-xx-xx-xx-xx-xx
IP protocol setting	DHCP Enable
IP address of Ethernet port	IP xxx.xxx.xxx.xxx
Gateway setting	Gateway xxx.xxx.xxx.xxx
Netmask setting	Sub-Mask xxx.xxx.xxx.xxx
	################################
Number of DRAM installed	1 DRAM installed
Image buffer size	Image buffer size:1500 KB
Number of forms	0000 FORM(S) IN MEMORY
Number of graphics	0000 GRAPHIC(S) IN MEMORY
Number of fonts	000 FONT(S) IN MEMORY
Number of Asian fonts	000 ASIAN FONT(S) IN MEMORY
Number of Databases	000 DATABASE(S) IN MEMORY
Number of Scalable fonts	000 TTF(S) IN MEMORY
Free memory size	4073 KB FREE MEMORY
Speed, Density, Ref. Point, Print direction	^S4 ^H8 ^R000 ~R200
Label width, Form length, Stop position	^W102 ^Q100,3 ^E18
Cutter, Label Dispenser, Mode	Option:^D0 ^O0 ^AD
Sensor Setting	Reflective AD:1.96 2.84 2.49[0.88_23]
Code Page	Code Page:850

Label Calibration Button

A hardware button to make a Label Calibration while printer encountering "Media Error" during the cases when first-time printer start up or change label or ribbon to another type, such as change using gap label to continuous or black mark labels.

CALIBRATION BUTTON
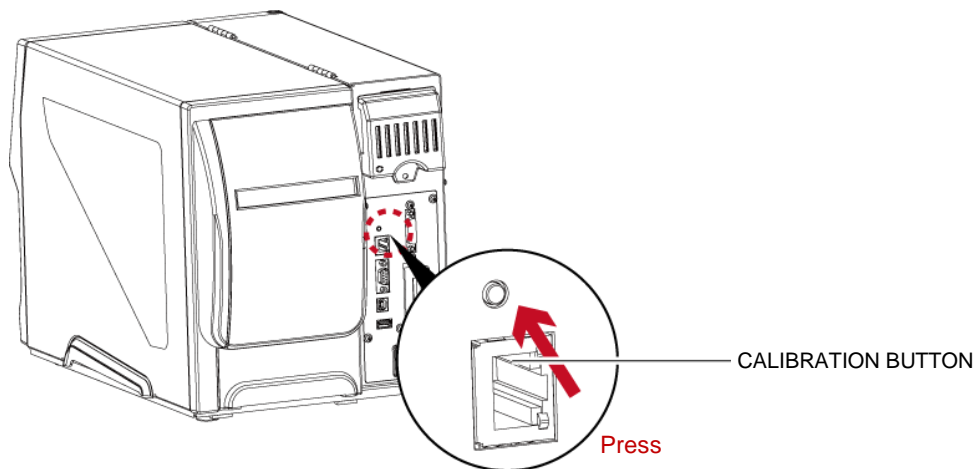
Press

Press C-button for 2 seconds, it will make an auto-sensing to calibrate the label and ribbon's parameters.
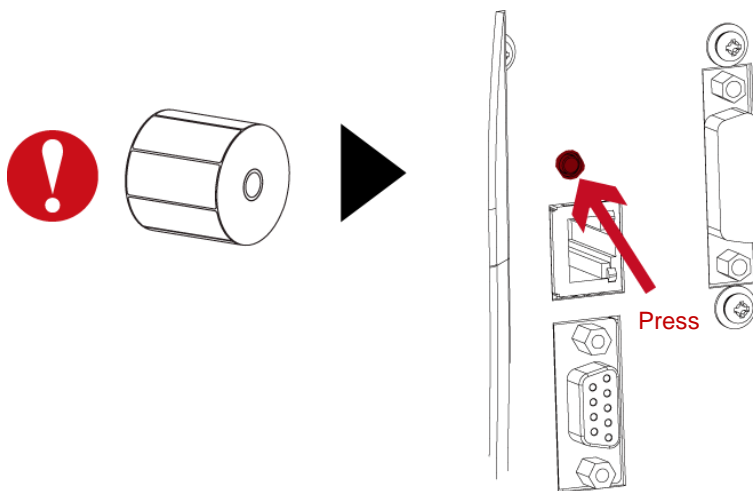
Press

* Press C-button is equivalent to the auto-sensing command "~S,SENSOR" that will cancel on-printing-job and make the Label
  Calibration immediately.

3.5 Error alerts

In the event of a problem that prevents normal functioning of the printer, you will see an error message on LCD screen and hear some beep signals. Please refer to below table for the error alerts.

OPERATION TOUCH PANEL

LCD TOUCH PANEL

FEED BUTTON

POWER BUTTON
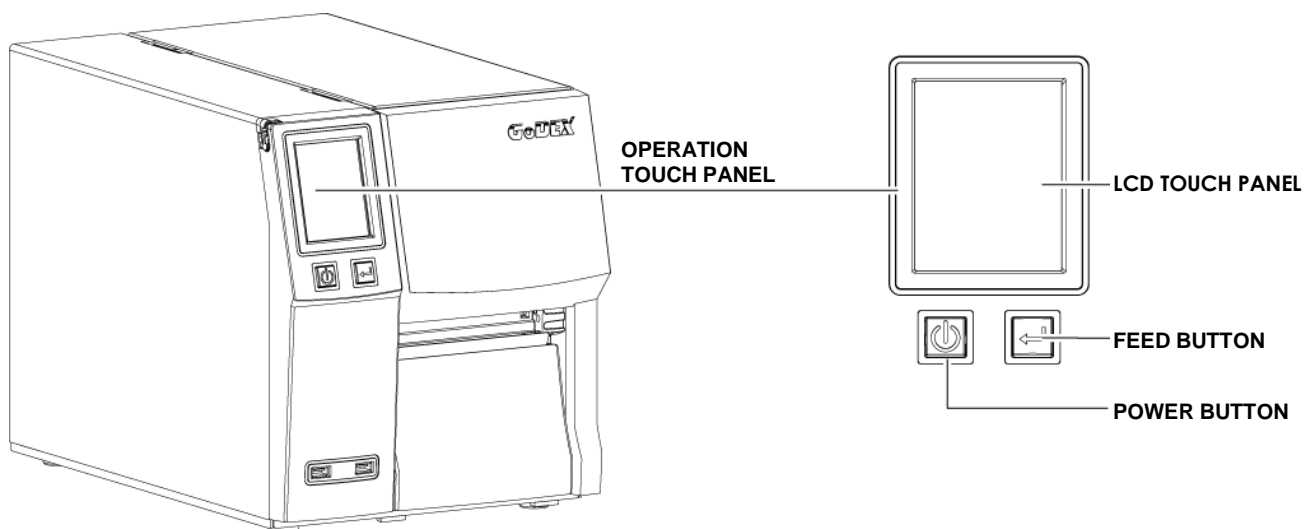
Operation Panel Status	Type	Beeps	Description	Solution
TPH opened	Print Head Error	2 x 4 beeps	The printing mechanism is not correctly closed.	Open the print mechanism and close it again.
TPH overheat	Print Head Error	None	High temperature at the print head.	Once the print head has cooled down, the printer switches to standby mode.
Check ribbon	Media Error	2 x 3 beeps	No ribbon is installed and the printer displays an error.	Make sure that the printer is set to direct thermal printing mode.
			The ribbon is finished or the label supply hub is not moving.	Replace the ribbon roll.
	Media Error	2 x 2 beeps	No paper is detected.	Make sure that the label sensor is Positioned correctly. If the sensor still does not detect the paper,

				run the autodetection function again.
Check paper setting			Paper is finished.	Replace the label roll.
			Printer feed problem.	Possible reasons: the print medium has become trapped around the rubber roll; the sensor cannot detect a gap or black mark between the labels; there is no paper. Please reset the sensor
Memory full File name can't be found File name duplicated	File Error	2 x 2 beeps	The memory is full. The printer prints the message "File System full ".	Delete unnecessary data or install additional memory.
			Unable to find file. The printer prints the message "File Name not found"	Use the "~X4" command to print all files. Then check whether the files exist and whether the names are correct.
			A file of the same name already exists. The printer prints the message "Duplicate Name".	Change the name of the file and try storing it again.

3.6 USB host

Definition : USB Host port supports either device：USB memory stick, keyboard or scanner.

Purpose

● USB memory stick : It extends the user memory space up to 32GB for Graphic, Font, Label Format, DBF and

Command　files downloading. The printer's Firmware also can be updating if copy new version of Firmware into USB memory stick.

● Connecting an USB keyboard to printer for "Keyboard Mode" mode operation.

● Plug-in an USB scanner to operate the printer in "Keyboard Mode".

Usage of Extended Memory

● USB memory stick : It supports hot-plugging function; printer will create a Folder "\LABELDIR" and switch "User Flash" to "Extended Memory"

automatically while user plugs an USB memory stick into a GoDEX printer.

● Connect the USB Stick plugged -in printer to PC via USB Device or Ethernet port and run "GoLabel" software to download Graphic, Font, Label

Format, DBF and Command files to the printer.

● Detail download procedures, please refer to "GoLabel On-line Help".
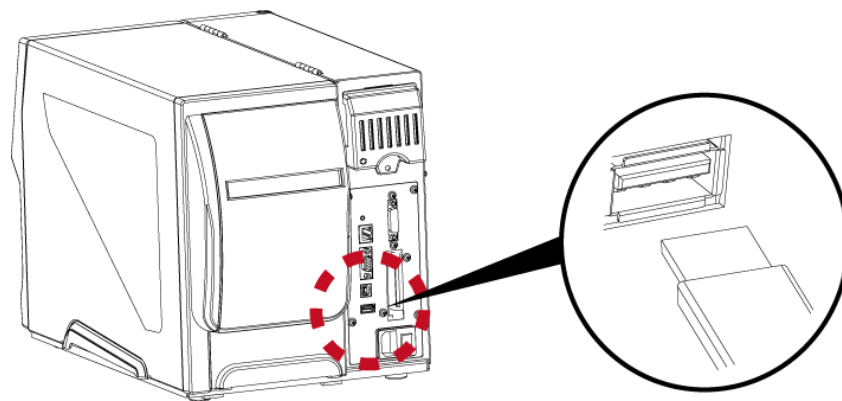
Usage of Firmware Update

● Remove USB memory stick from printer and plug-in it to a PC's USB port; delete Firmware "*.bin" file from

"\LABELDIR\FW" of USB memory stick if it existing; or create a Folder "\LABELDIR\FW" to USB memory stick if it doesn't

existing.

● Copy a new version of Firmware "xxxx.bin" to the Folder "\LABELDIR\FW"; and then remove USB and plug-in

back to the printer that going to update Firmware.

● The printer will update the Firmware automatically when plug-it-into the printer and printer find-out the Firmware in

\LABELDIR\FW" is newer version.

● Don't remove the USB memory stick out while it's under updating with ''Flash Writing...''message that displays on
LCD panel.

USB Keyboard

When plug-in an USB keyboard to the printer, LCD touch panel will display "Enter Standalone", press the

"Y" key on keyboard to entering to the dialog for "Keyboard Mode" operation.

Here have six sub-dialogs "Recall Label" "Country Code" "Code Page" "Clock Setting" "Database Setting"

"Label Edit" is able operating by keyboard as follow definition:

1. Press "ESC" key to exist from "Keyboard Mode" or back to previous dialog

2. Press "F1", it will let the printer from "Home Page" mode entering into "Keyboard Mode"

3. Press "Enter", "Arrow" and "Alphabetic" keys as the usual in PC that will perform the key-in function of
"Keyboard Mode".

Note

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*   The USB Host port on GoDEX printer is without "HUB" function.

*   The USB Memory Stick supports with "FAT32" Disk Format and up to 32GB only. The certified venders are Transcend,

        Apacer, Patriot, Consair and Kingston.

*   The download function for Graphic, Font, Label Format, DBF and Command files is operated by GoLabel of PC and

        must go through the a "i" "x" model printer itself.

*   On a PC, user may copy entire folde "\LABELDIR" from USB memory stick to PC or vice-versa. Copy a sub-folder or

        individual file in "\LABELDIR" to PC or vice-versa is not supported.

4 NetSetting for Ethernet
4.1 Installing the NetSetting software

The NetSetting software is used to manage the network configurations when connecting the printer via Ethernet port.

It is available on product CD or can be downloaded from official website. To install the NetSetting, please follow below steps.

1. Insert the product CD in the CD/DVD drive of the host computer and open the "Ethernet" folder on the CD.

2. Select the icon for the NetSetting installation file and click it to start the installation.
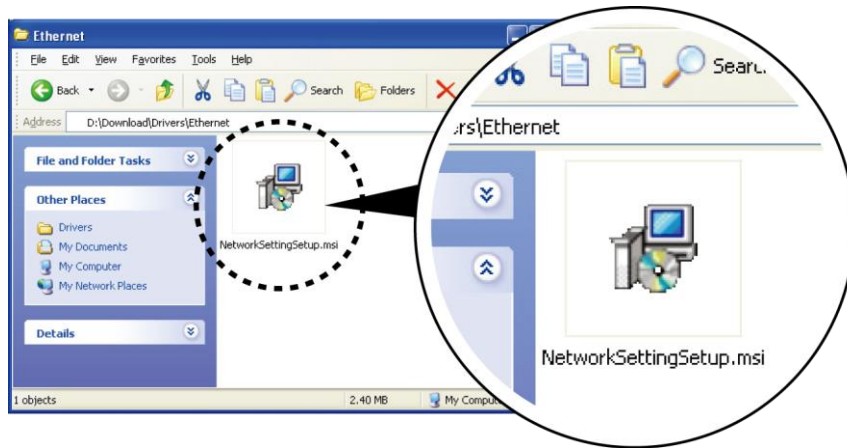
3. Follow the instructions on the screen. The Setup Wizard guides you through the installation procedure.

4. Specify the "Installation Folder".
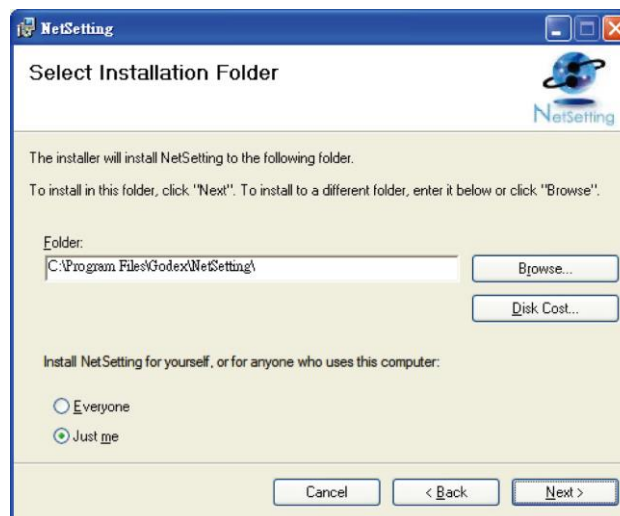
5. Click "Next" to start the installation.

6. Once the installation is completed; you will see the NetSetting icon on your desktop.

4.2 The interface of NetSetting

Click the NetSetting icon to start the program; you will see the start page as below. The start page will display the basic information of connected printer and your PC.
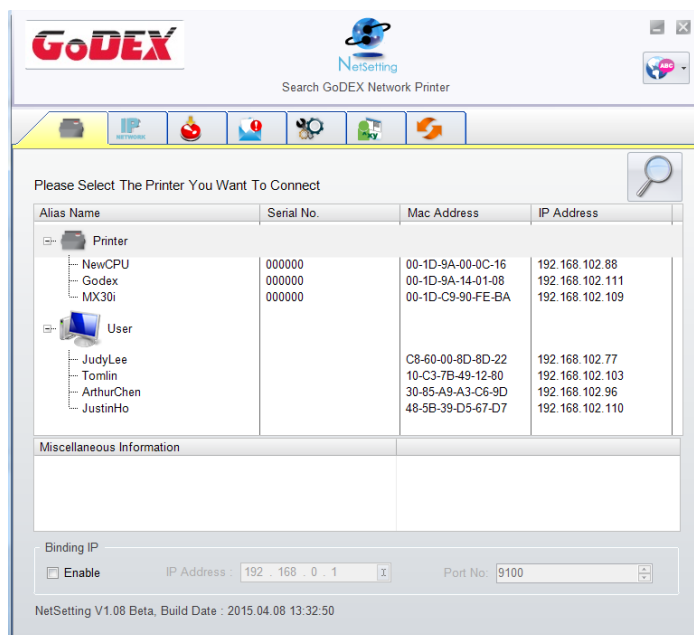
Click the magnifier icon to search the Godex printers which are connected via Ethernet port in you network environment. Once a connected Godex printer is detected, it will be listed on the start page.

There are six tabs on the top of interface which can configure different types of network settings. But for the data security reason, you need correct password to enter the configuration pages.

Notice

* The default password is "1111", you can change the password later from the "IP Setting" tab.

IP Setting

The IP Setting tab can change the printer name, Port number, Gateway setting and the password for configuring the printer. You can also set the printer's IP address ether by DHCP or by Static IP.

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

Notice

*   To fully benefit from the NetSetting software, you should be familiar with basic networking principles. Please contact your network administrator for related network setting information.

*   When enabling DHCP, if you find the IP Address as: IP = 169.254.229.88, Netmask = 255.255.0.0, Gateway = invariable (last value), the IP Address is invalid.

Alert Path Setting

NetSetting will send the alert messages to designated mail account when the error happened on printer. The alert messages are sent by SMTP (Simple Mail Transfer Protocol) or SNMP (Simple Network Management Protocol).

You can set or change the configurations of SMTP and SNMP on this "Alert Path Setting" tab.

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

Alert Message Setting

For the alert message notification function, you can decide which error cases need to be sent out to the operator.

Moreover, the alert messages can be set to be sent by SMTP, SNMP or both.

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

Printer Configuration

Set or change the configurations of connected printer. Most of key settings for the printer operation can be done by this setting page.

You can press "Set" button to apply the settings and "ReGet" button to refresh the setting values.

User Command

The "User Command" tab provides a communication interface for operator to control the printer. Input printer commands in "Input Command" window and press "Send Command" button, the commands will be sent to the printer.

For some commands that will return response message, the message will be displayed in "Output Message" window.
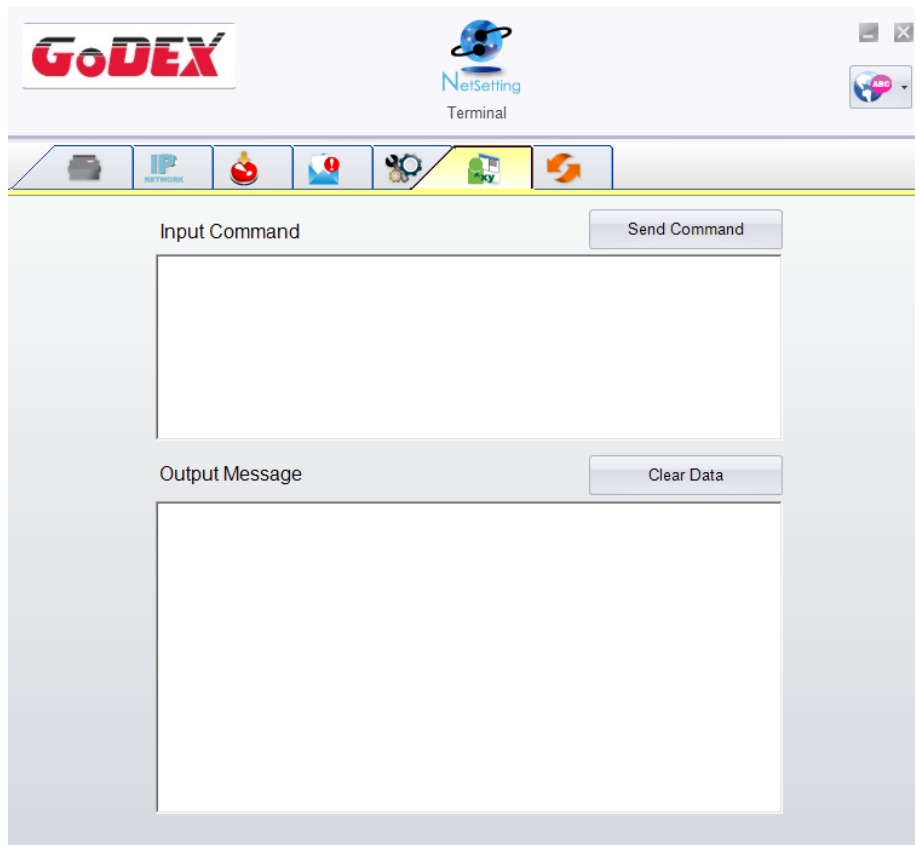

You can press "Send Command" button to send printer commands via Ethernet port and control the printer remotely.

Firmware Download

On "Firmware Download" tab, the current version of printer firmware will be showed on the screen. If you need to update the printer firmware, just specify the file location of firmware file and press "Start Download Firmware" button.

The printer firmware then can be updated remotely.
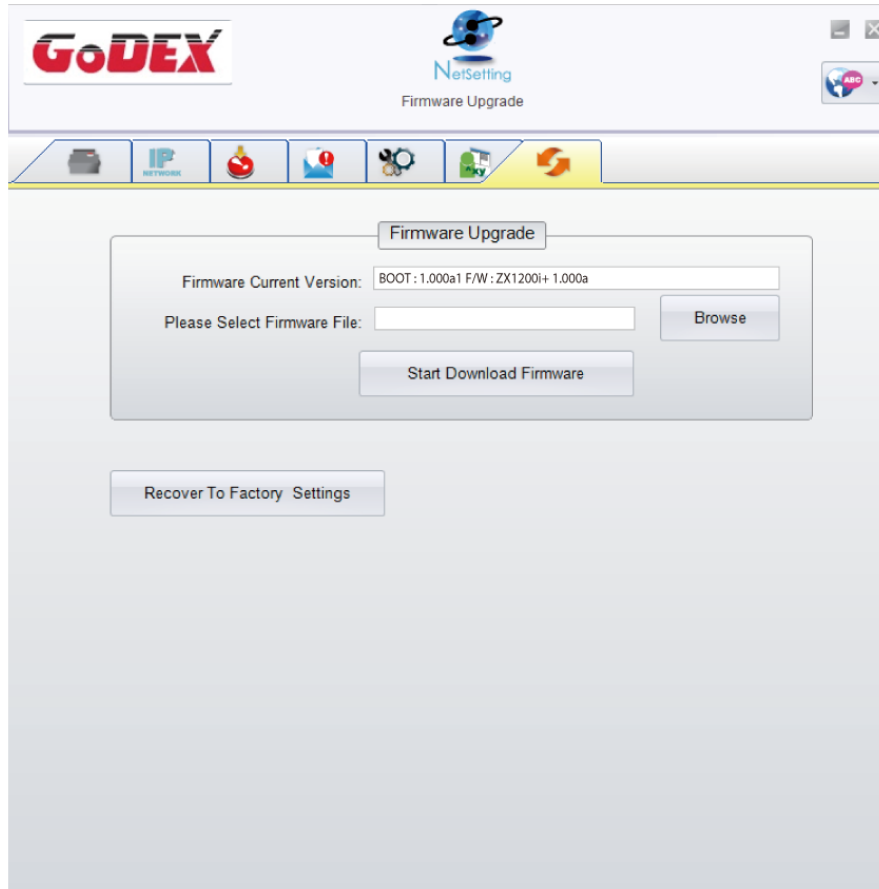
In addition to the firmware update, you can press "Recover to Factory Settings" button to restore the printer configurations back to factory default.

5 Preparation Steps

5.1 Preparation steps

Before installing the optional modules, please make some preparations as follows.

1. Turn off the printer:

   Remember to switch off the printer before installing any module

2. Open the printer cover

Place the printer on a flat surface and open the printer cover
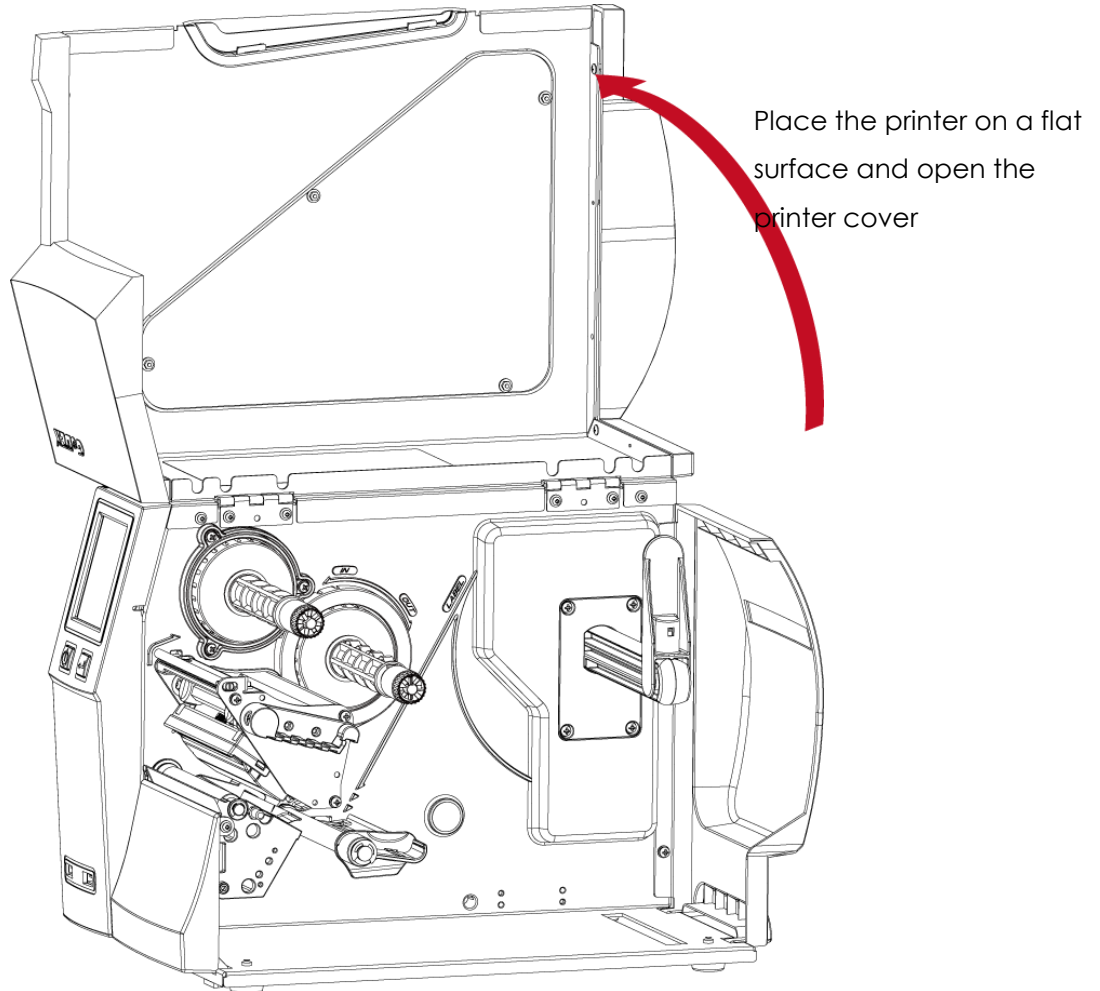
Notice

* Remember to switch off the printer before installing the cutter.

* Do not use to cut adhesive labels! Glue residue will be left on the cutter blade and impair its functioning.

* Under the ordinary paper application condition, the cutter performs 300000 cuts of a heavy paper with up to 250 μm thick or 100000 cuts of a plastic sheet with up to 300 μm thick.
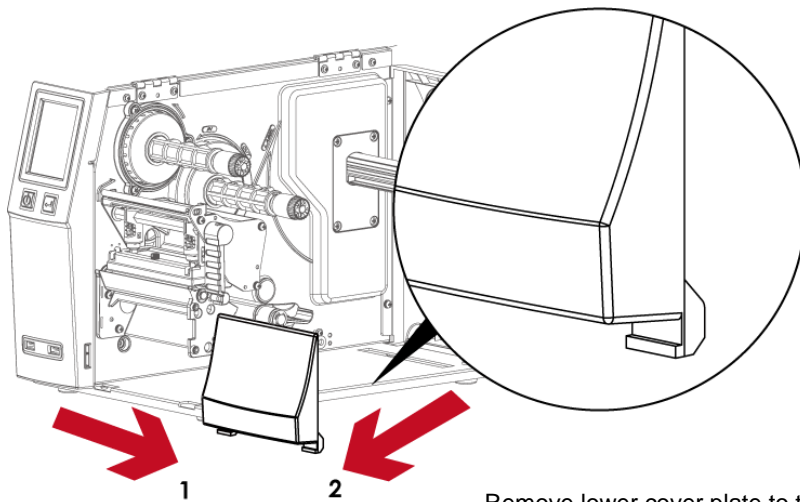
5.2 Installing the cutter

The Overview of the Cutter
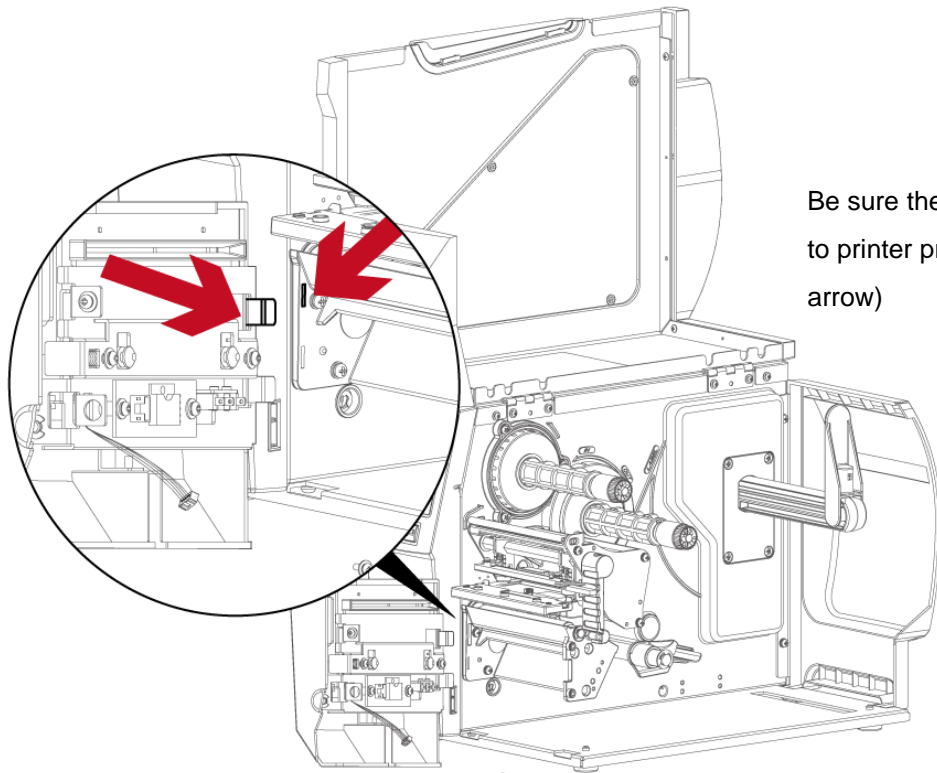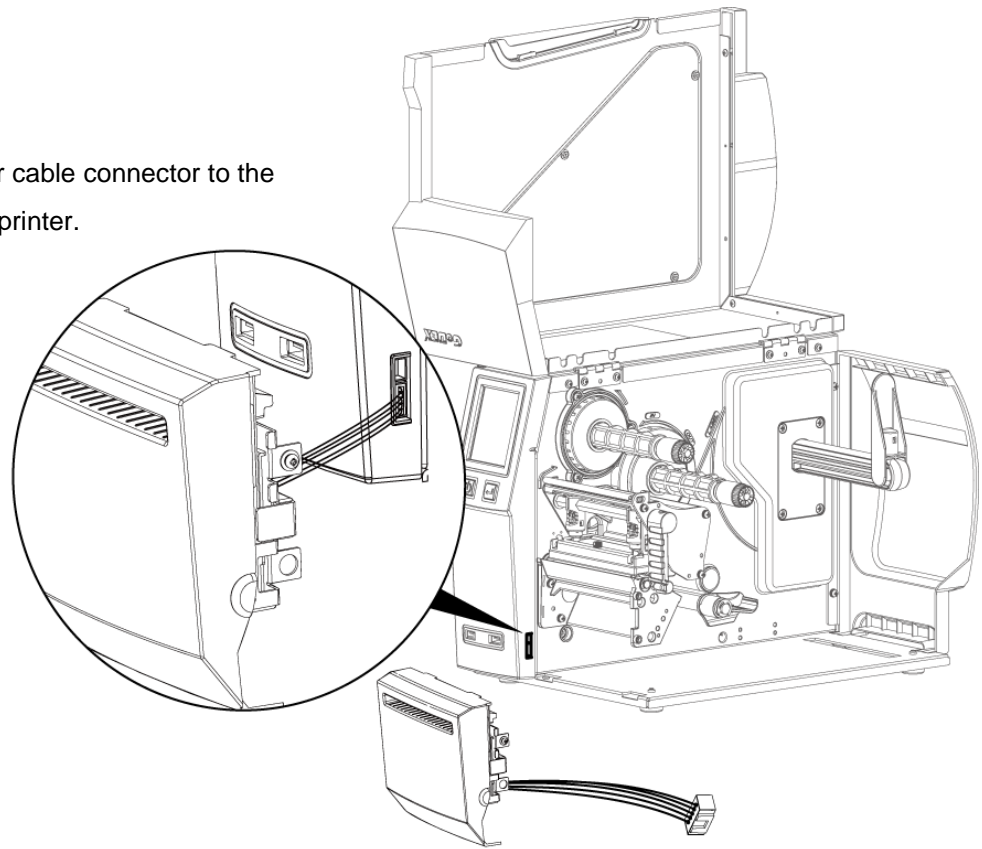
1. Cutter module

2. Screw
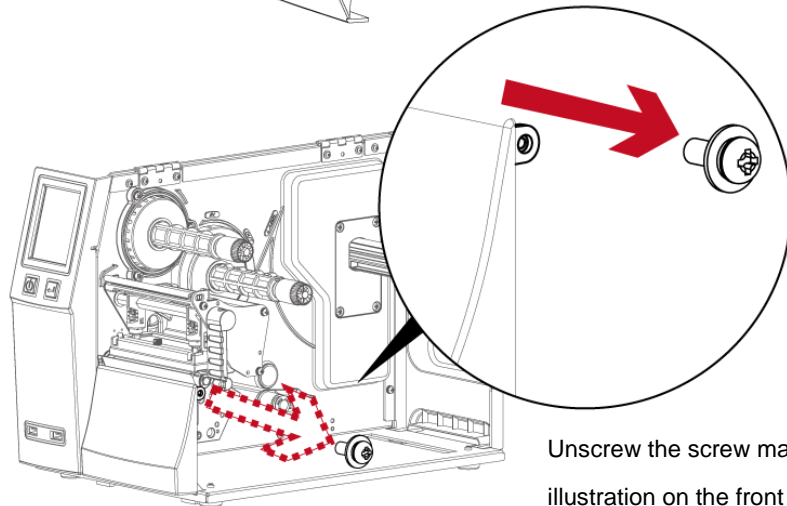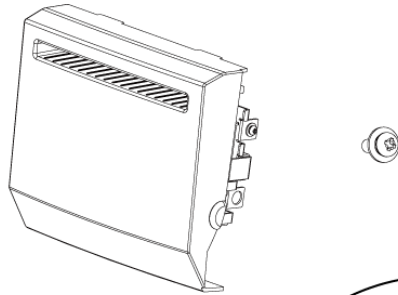
Unscrew the screw marked in the illustration on the front of the printer, which secures the lower cover plate.
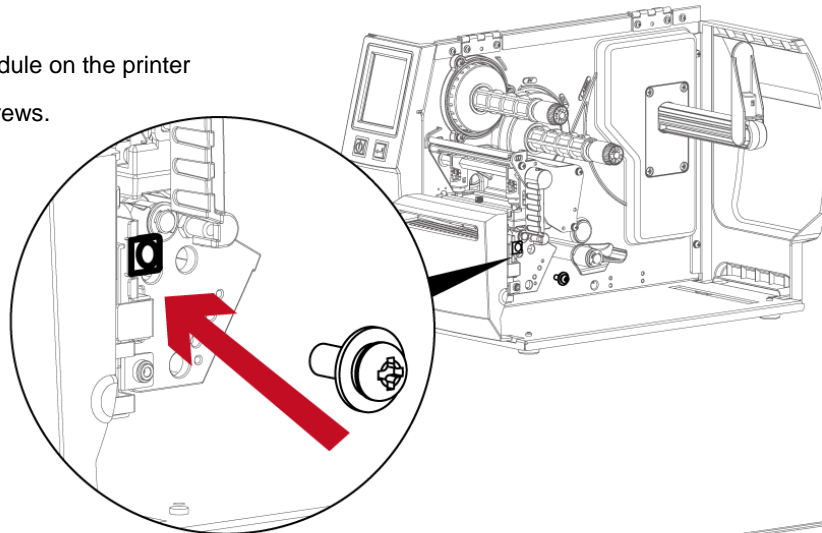
Remove lower cover plate to the a little bit right then can get out.

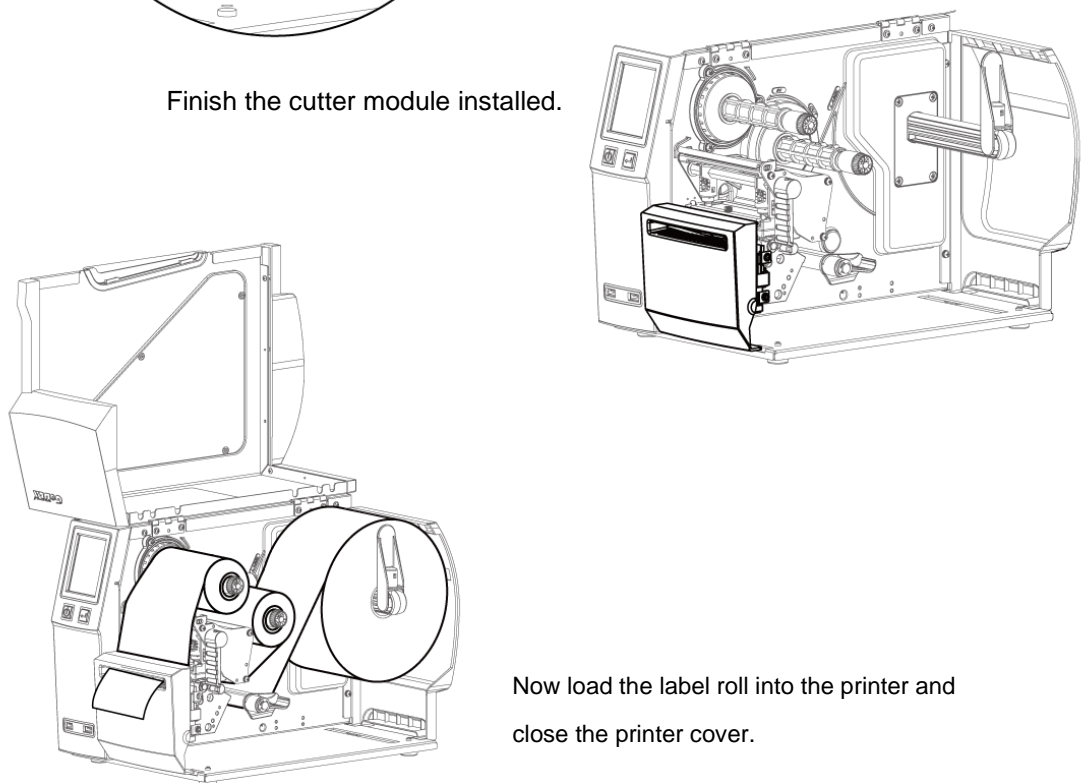Connect the cutter cable connector to the
cutter jack on the printer.

Be sure the cutter module insert
to printer properly. (see red
arrow)

Secure the cutter module on the printer

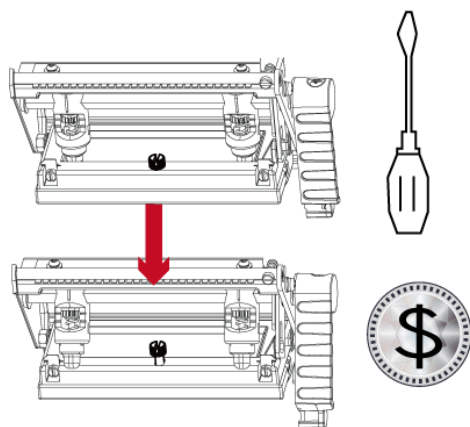housing using the screws.

Finish the cutter module installed.

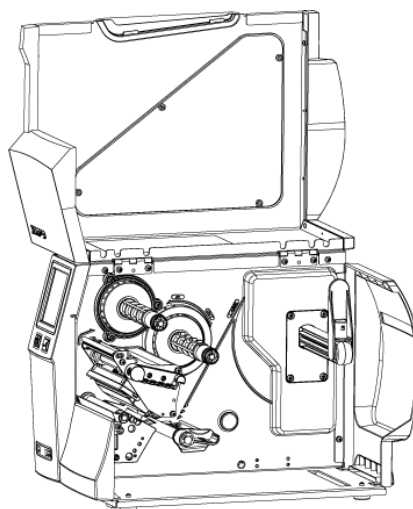Now load the label roll into the printer and

close the printer cover.
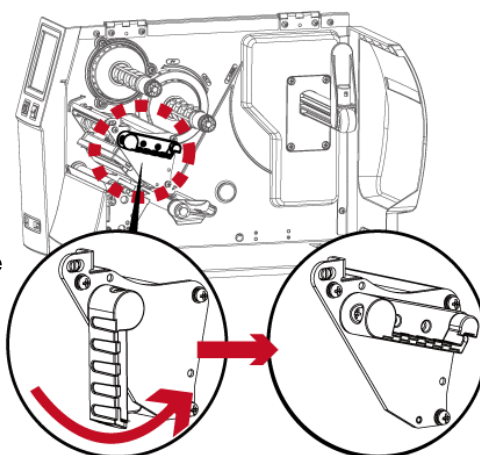
6 Maintenance and Adjustment

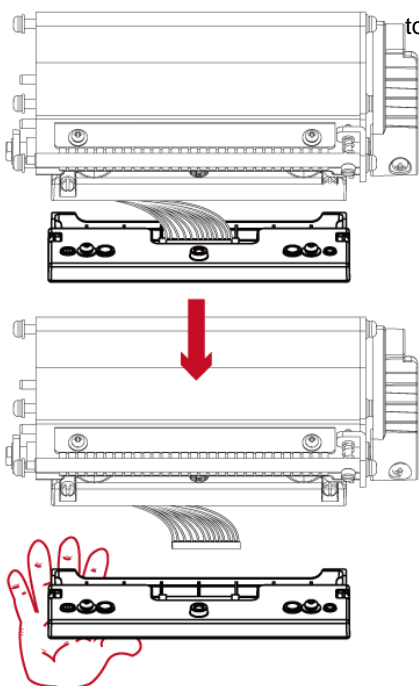## 6.1 Installing / removing the print head module

Open the printer cover.

using a screwdriver or a coin, loosen the screw to take out the TPH module.

Turn the print head counterclockwise to a top right position

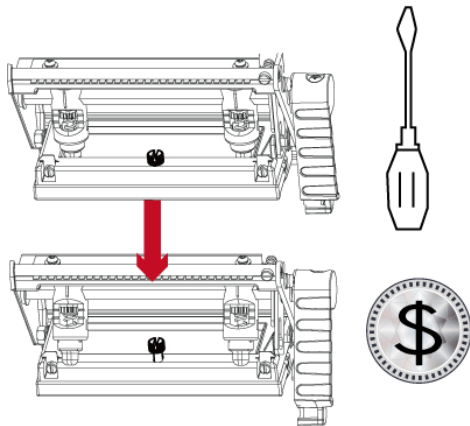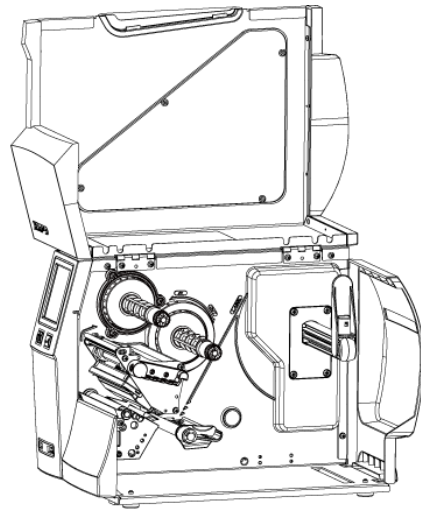Hold the print head module, pull out the TPH cable smoothly.
To install TPH module, follow the reverse order.

Notice

* Remember to switch off the printer before removing the print head module.

6.2 Adjusting the print line

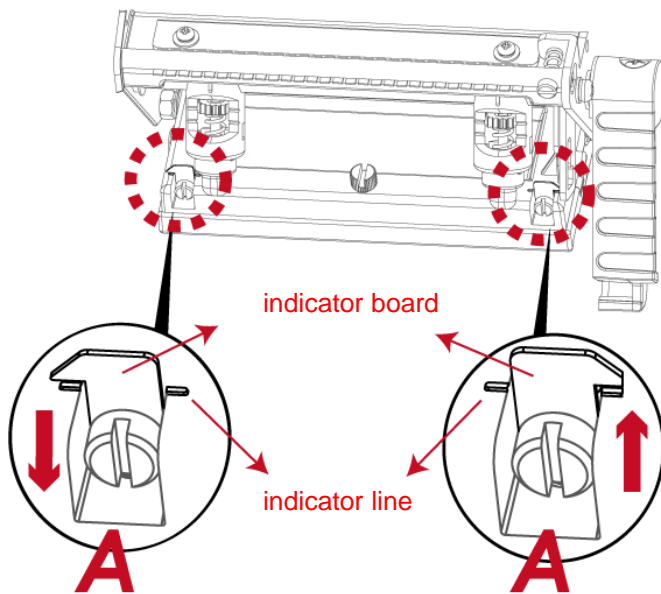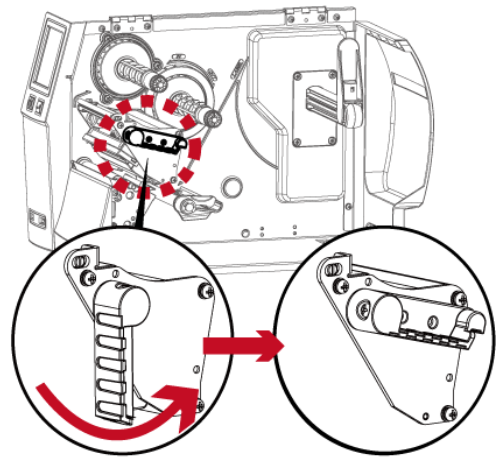Open the printer cover.

using a screwdriver or a coin to loosen the screw

Turn the print head counterclockwise to a top right position

indicator board

indicator line

A

A

If no improvement is visible, turn the screws(A) clockwise or counterclockwise as far as possible and be sure to align with the indicator board and indicator line.
Repeat the adjustment process until printing quality has improved.

6.3 Adjusting ribbon tension

You can adjust the ribbon tension by turning the ribbon shaft knob (see illustration) clockwise or counterclockwise.

There are 4 possible settings, which is marked on the ribbon supply hub.

1 : Tension is the highest

4 : Tension is the lowest

If the tension is so low that the ribbon does not move forward, you need to reduce the tension of the ribbon supply hub.

To set the tension, press in the knob and turn it clockwise or counterclockwise as required.

Increasing the tension of the ribbon rewind hub will remove any wrinkling of the ribbon during printing, which results from the use of different ribbon materials. (For details about the wrinkling/creasing of ribbons, see Section 6-6.)

If you are using a very narrow ribbon, the printer may not move the label stock forward (particularly with a ribbon that is less than 2" wide). In that case, reduce the tension by turning the knob of the ribbon supply hub counterclockwise.
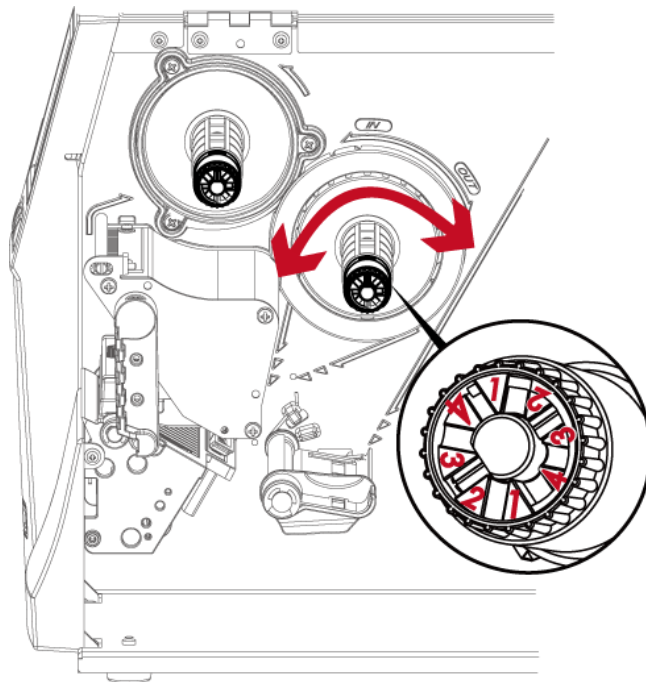
6.4 Cleaning the thermal print head

Dirt on the print head or ribbon may result in inadequate print quality (there are only partial images on the label). The printer cover should therefore be kept closed when possible.

Keeping dirt and dust away from the paper or labels ensures a good print quality and a longer lifespan of the print head. Here is how you clean the print head:

1. Switch off the printer.

2. Open the printer cover.

3. Remove the ribbon.

4. Release the print head by turning the print head release lever.

5. To remove any label residue or other dirt from the print head

(see Red arrow), please use a soft lint-free cloth dipped in alcohol to wipe.
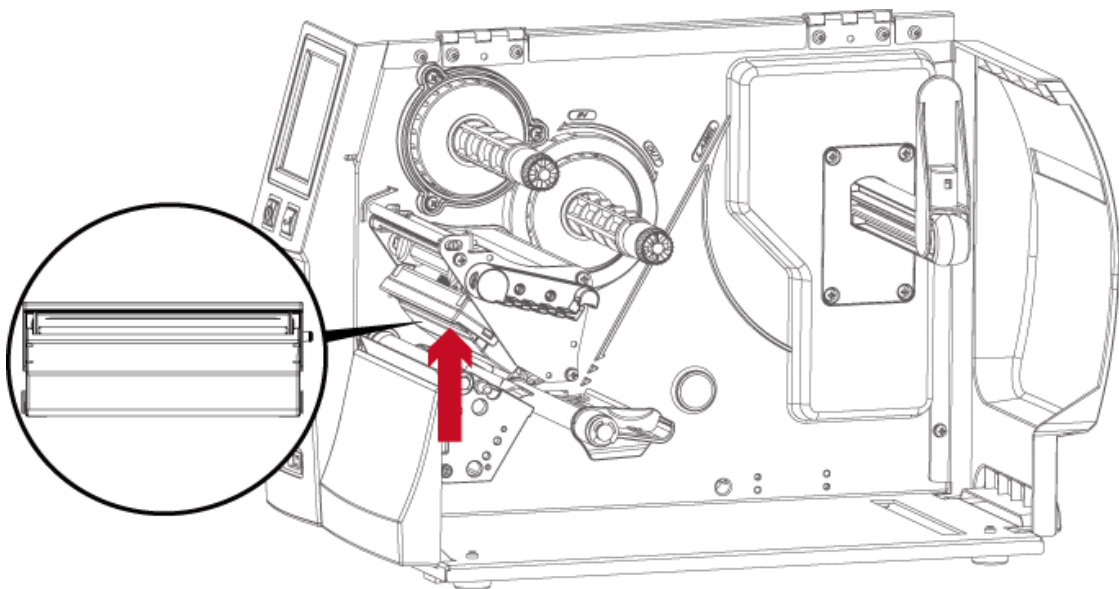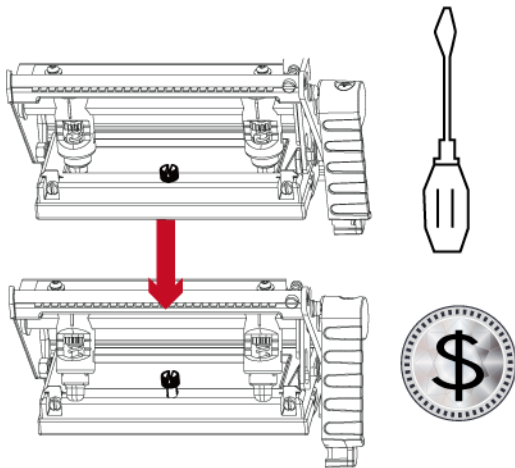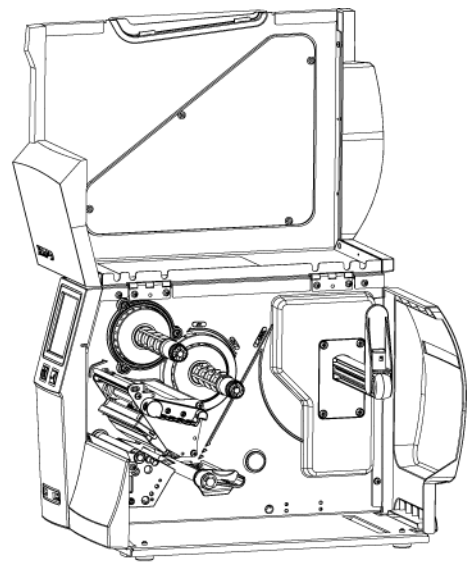

Note

* The print head should be cleaned once a week.

* Please make sure that there are no metal fragments or other hard particles on the soft cloth used to clean the print head.

## 6.5 Adjusting the balance and print head tension

Open the printer cover.

using a screwdriver or a coin to loosen the screw

When using a variety of label stock and ribbons, the ink may not be evenly distributed.
If there is no printed image on one side of the paper , or the ribbon wrinkles, the print head pressure must be readjusted using the TPH spring boxes.
Move the TPH spring boxes as shown in the illustration to change the print head pressure.
The wider the label you are using, the further apart the TPH spring boxes must be moved away from each other. If there is no quality improvement,you need to change the pressure on the TPH spring boxes.

Reset Mark (A)
Mark (B)
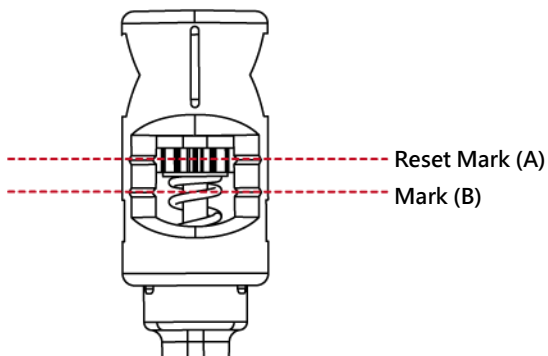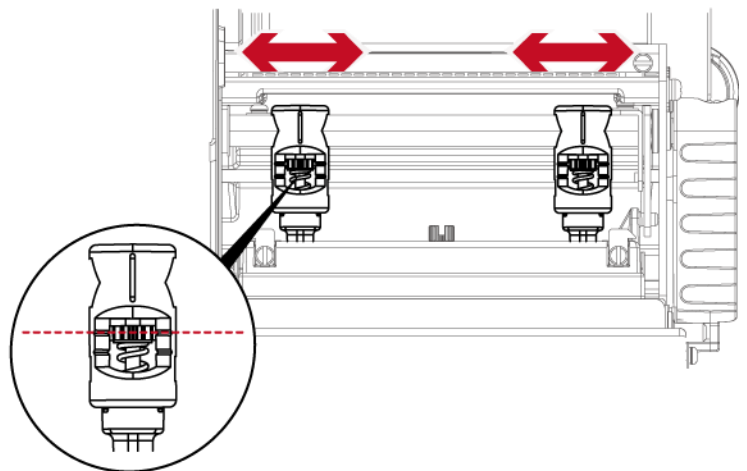
Turning the screw left increases the pressure, while turning it right reduces the pressure.
Be sure not to turn the screw so that it goes below Mark(B).

6.6 Ribbon shield settings

The use of different ribbon materials may cause wrinkling of the ribbon, which in turn affects the print result as illustrated by the examples in (a) and (b).

To change the print quality, you can adjust the ribbon shield screws.

If your print result looks like the example in (a), you need to turn ribbon shield screw counterclockwise.
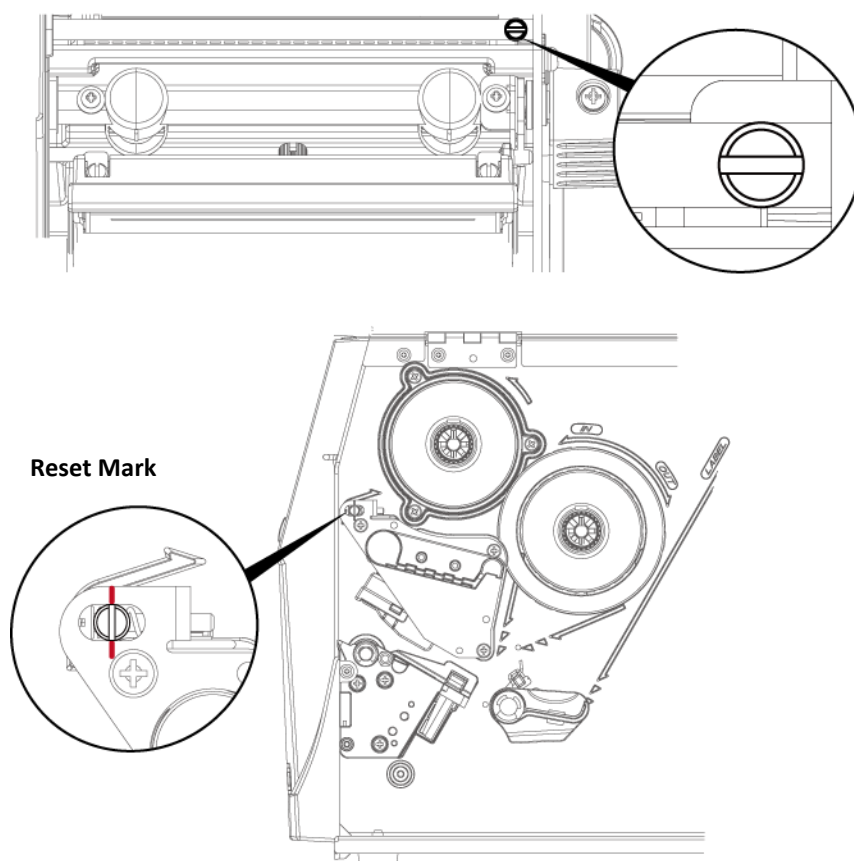
If your print result looks like the example in (b), you need to turn ribbon shield screw clockwise.

To keep track of the change in print quality, you should adjust the screws by half a turn at a time.

Print a test page. If there is no improvement in the print result, turn the screw by another half turn.

Do not turn the adjustment screw more than two full turns(360°).

Reset Mark

Note

* If you adjust the screw by more than two full turns, the paper feed may no longer function correctly. In that case, unscrew the ribbon shield screws to align the reset mark and restart the adjustment process.
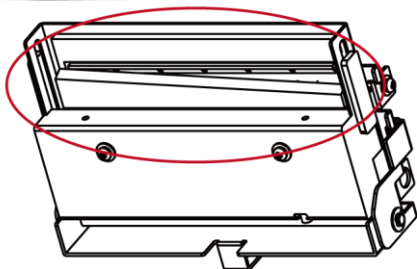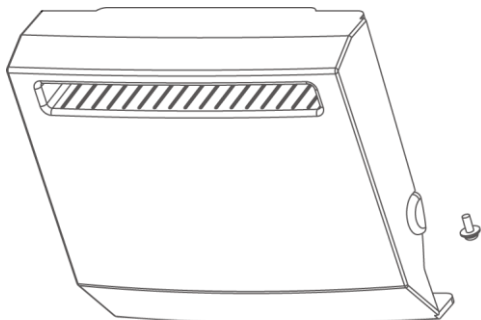
6.7 Cutter settings
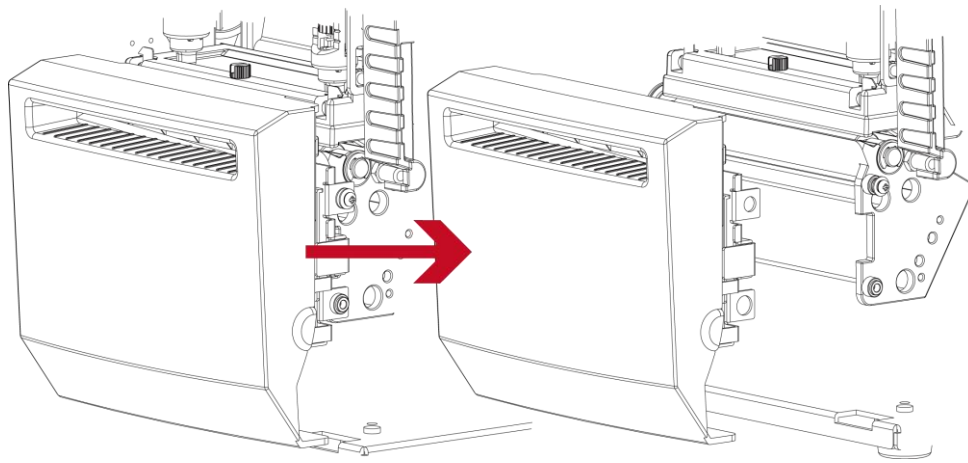
Switch off the printer before removing the cutter.

(Remove or install cutter refer to "accessories" in Section 5)

Unscrew the screw at the bottom of cutter.
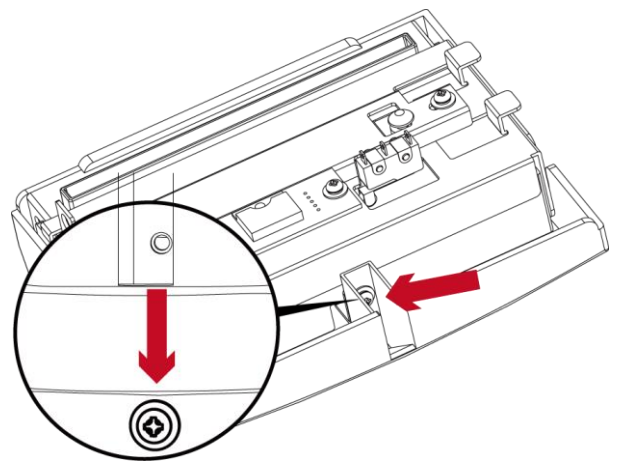
Remove the cutter cover.

Clean and remove jammed paper.

Reinstall CUTTER back onto printer.

Note

* Remember to switch off the printer before removing the CUTTER.

* The label medium should be at least 30 mm long to ensure correct functioning of the cutter.

6.8 Troubleshooting

Problem	Solution
The printer is switched on but the LED does not light up.	♦ Check the power supply. Please see the Section 2.4
The LED lights up red and printing is interrupted.	♦ Check the software settings (driver settings) or command codes. ♦ Look for the error alert in the table in Section 3.3. Error Alerts. ♦ Check whether the print mechanism is closed correctly. Please see the Section 3.3
The label stock passes through the printer but no image is printed.	♦ Please make sure that the label stock is loaded the right side up and that it is the suitable mate rial. ♦ Choose the correct printer driver. ♦ Choose the correct label stock and a suitable printing mode.
The label stock jams during printing.	♦ Clear the paper jam. Remove any label material left on the thermal print head and clean the print head using a soft lint-free cloth dipped in alcohol. Please see the Section 6.1
There is no printed image on some parts of the label.	♦ Check whether there is any label material or ribbon stuck to the thermal print head. ♦ Check for errors in the application software. ♦ Check whether the starting position has been set correctly. ♦ Check the ribbon for wrinkles.
There is no printed image on part of the label or the image is blurred.	♦ Check the thermal print head for dust or other dirt. ♦ Use the internal "~T" command to check whether the thermal print head will carry out a complete print job. ♦ Check the quality of the print medium.
The printed image is positioned incorrectly.	♦ Check whether there is paper or dust covering the sensor. ♦ Check whether the label stock is suitable. Contact your supplier. ♦ Check the paper guide settings.
Skipping labels during printing.	♦ Check the label height setting. ♦ Check whether there is dust covering the sensor. ♦ Run the auto-detection function. Please see the Section 3.2
The printed image is blurred.	♦ Check the darkness setting. ♦ Check the thermal print head for dust or dirt. Please see the Section 6.1
The cutter does not cut off the labels in a straight line	♦ Check whether the label stock is positioned straight.
The cutter does not cut off the labels completely.	♦ Check whether the label is more than 0.2 mm thick.
When using the cutter, the labels are not fed through or cut off incorrectly.	♦ Check whether the cutter has been correctly installed. ♦ Check whether the paper guides are functioning correctly.
The label dispenser is not functioning normally.	♦ Check whether there is dust on the label dispenser. ♦ Check whether the label stock is positioned correctly.

Note

* If any problems occur that are not described above, please contact your dealer.

APPENDIX — Product Specifications

Model Name		ZX1200i+	ZX1300i+	ZX1600i+
Print Method		Thermal Transfer / Direct Thermal		
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)	600 dpi (24 dots/mm)
Print Speed		Up to 10 IPS (254 mm/s)	Up to 7 IPS (178 mm/s)	Up to 4 IPS (102 mm/s)
Print Width		4.09" (104 mm, up to 108 mm)	4.09" (104 mm, up to 105.7 mm)	4.09" (104 mm, up to 105.6 mm)
Print Length		Min. 0.16" (4 mm)**; Max. 279.53" (7100 mm)	Min. 0.16" (4 mm)**; Max. 125.98" (3200 mm)	Min. 0.16" (4 mm) Max. 31.5" (800 mm)
Processor		32-bit RISC CPU		
Memory	Flash	256 MB		
	SDRAM	256 MB		
Sensor Type		Adjustable reflective sensor and transmissive sensor, left aligned		
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming		
	Width	Tear : Min. 1" (25.4 mm) – Max. 4.65" (118 mm) Cutter : Max. 4.61" (117 mm) Dispenser : Max. 4.65" (118 mm)		
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)		
	Label roll diameter	Max. 8" (203.2 mm)		
	Core diameter	Min. 1.5 " (38.1 mm) – Max. 3" (76.2 mm)		
Ribbon	Types	Wax, wax/resin, resin		
	Length	Max. 1476' (450 m)		
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)		
	Ribbon roll diameter	3" (76.2 mm)		
	Core diameter	1" (25.4 mm)		
Printer Language		EZPL, GEPL, GZPL, GDPL auto switch		
Software	Label design tool	GoLabel II (for EZPL only)(Windows)		
	Management tools	GoTools (Windows/ Android) GoUtility (Windows)		
	APP	GoAPP (Android/ iOS)		
Driver		Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux		
SDK		Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS		
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions		
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages		
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable		
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions		
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable		
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode		
	2-D Bar Codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417		
Code Pages		Codepage 437, 737,850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8、UTF16BE、UTF16LE		
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software		
Interfaces		USB 2.0 (Type B) Serial Port (RS-232) Ethernet 10/100 Mbps 3 USB Host (Type A). 2 ports at the front panel, 1 port at the rear panel		
Control Panel		Backlight 3.2" touch screen LCD 1 Power on/off button with green color LED backlight 1 Control key: FEED/PAUSE/CANCEL with dual color LED backlight: Ready(Green); Error(Red) 1 Calibration button at rear panel		
Real Time Clock		Standard		
Power		Auto Switching 100-240V AC, 50-60Hz		
Environment	Operation temperature	41°F to 104°F (5°C to 40°C)		
	Storage temperature	-4°F to 140°F (-20°C to 60°C)		
Humidity	Operation	20-85%, non-condensing		
	Storage	10-90%, non-condensing		
Agency Approvals		CE (EMC)、FCC Class B、CB、cULus、ICES-003, UKCA, BSMI (The safety certification marks may be different depending on sales regions.)		
Dimension	Length	465 mm (18.3")		
	Width	269 mm (10.6")		
	Height	312 mm(12.3")		
	Weight	13.6 Kg (30 lbs), excluding consumables		
Options		Cutter module (User Install) – Rotary cutter, Guillotine cutter, Perforation cutter, High speed cutter, Paper card cutter Parallel port adaptor module (Centronic female 36-pin)(Dealer Install) WiFi and BT (BLE 5.0) combo module (Dealer Install) External label rewinder Label Dispenser + Internal rewinder module (Dealer Install) Applicator Interface (DSUB female 15-pin) External label unwinder RFID R/W module (project option)		

Model Name		ZX1200Xi+	ZX1300Xi+
Print Method		Thermal Transfer / Direct Thermal	
Resolution		203 dpi (8 dots/mm)	300 dpi (12 dot/mm)
Print Speed		Up to 14 ips (356 mm/s)	Up to 10 ips (254 mm/s)
Print Width		4.09" (104 mm)	4.09" (104 mm, up to 105.7 mm)
Print Length		Min. 0.16" (4 mm)** ; Max . 279.53" (7100 mm)	Min. 0.16" (4 mm)** ; Max. 125.98" (3200 mm)
Processor		32-bit RISC CPU	
Memory	Flash	256 MB	
	SDRAM	256 MB	
Sensor Type		Adjustable reflective sensor and transmissive sensor, left aligned	
Media	Type	Continuous form, gap labels, black mark sensing, and punched hole; label length set by auto sensing or programming	
	Width	Tear : Min. 1" (25.4 mm) – Max. 4.65" (118 mm) Cutter : Max. 4.61" (117 mm) Dispenser : Max. 4.65" (118 mm)	
	Thickness	Min. 0.0024" (0.06 mm) – Max. 0.01" (0.25 mm)	
	Label roll diameter	Max. 8" (203.2 mm)	
	Core diameter	Min. 1.5" (38.1 mm) – Max. 3" (76.2 mm)	
Ribbon	Types	Wax, wax/resin, resin	
	Length	Max. 1476' (450 m)	
	Width	Min. 1.18" (30 mm) – Max. 4.33" (110 mm)	
	Ribbon roll diameter	3" (76.2 mm)	
	Core diameter	1" (25.4 mm)	
Printer Language		EZPL, GEPL, GZPL, GDPL auto switch	
Software	Label design tool	GoLabel II (for EZPL only) (Windows)	
	Management tools	GoTools (Windows / Android) GoUtility (Windows)	
	APP	GoAPP (Android/ iOS)	
Driver		Windows 7, Windows 8 & 8.1, Windows 10, Window11, Windows Server 2008 R2, 2012, 2012 R2, 2016, 2019, 2022, MAC, Linux	
SDK		Win CE, .NET, Windows 7, Windows 8 & 8.1, Windows 10, Windows 11, Android, Mac, iOS	
Resident Fonts	Bitmap Fonts	6, 8, 10, 12, 14, 18, 24, 30, 16X26 and OCR A & B 0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable 8 times expandable in horizontal and vertical directions	
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable Internal TTF Fonts x5 : Traditional Chinese, Simplified Chinese, Japanese, Korean, Western languages	
Download Fonts	Bitmap Fonts	0°, 90°, 180°, 270° rotatable, single characters 0°, 90°, 180°, 270° rotatable	
	Asian Fonts	16x16, 24x24. Traditional Chinese (BIG-5), Simplified Chinese(GB2312), Japanese (S-JIS), Korean (KS-X1001) 0°, 90°, 180°, 270° rotatable and 8 times expandable in horizontal and vertical directions	
	TTF Fonts	(Bold / Italic / Underline) 0°, 90°, 180°, 270° rotatable	
Barcodes	1-D Bar Codes	China Postal Code, Codabar, Code 11, Code 32,Code 39, Code 93, Code 128 (subset A, B, C), EAN-8/EAN-13 (with 2 & 5 digits extension), EAN 128, FIM, German Post Code, GS1 DataBar, HIBC, Industrial 2 of 5 , Interleaved 2-of-5 (I 2 of 5), Interleaved 2-of-5 with Shipping Bearer Bars, ISBT-128, ITF 14, Japanese Postnet, Logmars, MSI, Postnet, Plessey, Planet 11 & 13 digit, RPS 128, Standard 2 of 5, Telepen, Matrix 2 of 5, UPC-A/UPC-E (with 2 or 5 digit extension), UCC/EAN-128 K-Mart, Random Weight and Pharmacode	
	2-D Bar Codes	Aztec code, Code 49,Codablock F , Datamatrix code, MaxiCode, Micro PDF417, Micro QR code, PDF417,QR code, TLC 39, GS1 Composite, DotCode, Marco PDF 417	
Code Pages		Codepage 437, 737,850, 851, 852, 855, 857, 860, 861, 862, 863, 865, 866, 869 Windows 1250, 1251, 1252, 1253, 1254, 1255, 1257 Unicode UTF8、UTF16BE、UTF16LE	
Graphics		Resident graphic file types are BMP and PCX, other graphic formats are downloadable from the software	
Interfaces		USB 2.0 (Type B) Serial Port (RS-232) Ethernet 10/100 Mbps 3 USB Host (Type A). 2 ports at the front panel, 1 port at the rear panel	
Control Panel		Backlight 3.2" touch screen LCD 1 Power on/off button with green colour LED backlight 1 Control key: FEED/PAUSE/CANCEL with dual colour LED backlight: Ready(Green); Error(Red) 1 Calibration button at rear panel	
Real Time Clock		Standard	
Power		Auto Switching 100-240V AC, 50-60Hz	
Environment	Operation temperature	41°F to 104°F (5°C to 40°C)	
	Storage temperature	-4°F to 140°F (-20°C to 60°C)	
Humidity	Operation	20-85%, non-condensing	
	Storage	10-90%, non-condensing	
Agency Approvals		CE (EMC)、FCC Class B、CB、cULus、ICES-003, UKCA, BSMI (The safety certification marks may be different depending on sales regions.)	
Dimension	Length	465 mm (18.3")	
	Width	269 mm (10.6")	
	Height	312 mm (12.3")	
	Weight	13.6 Kg (30 lbs), excluding consumables	
Options		Cutter module (User Install) – Rotary cutter, Guillotine cutter, Perforation cutter, High speed cutter, Paper card cutter Parallel port adaptor module (Centronic female 36-pin)(Dealer Install) WiFi and BT (BLE 5.0) combo module (Dealer Install) Applicator Interface (DSUB female 15-pin) External label rewinder Label Dispenser + Internal Rewinder (Dealer Install)	

* Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.
** Minimum print height and maximum print speed specification compliance can be dependent on non-standard material variables such as label type, thickness, spacing, liner construction, etc. Godex is pleased to test non-standard materials for minimum print height, and maximum print speed capability.
*** The safety certification marks may be different depending on sales regions.

Notice

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*   Specifications are subject to change without notice. All company and/or product names are trademarks and/or registered trademarks of their respective owners.

*   Minimum print height and maximum print speed specification compliance can be dependent on non variables such as label type, thickness, spacing, liner construction, etc. Godex is pleased to test non minimum print height and maximum print speed capability.

*   Due to ZX1000i+/ZX1000Xi+ Series WiFi module message communication through LAN port, please make sure WiFi module has been removed when you want to use LAN port.

*   The cutter is an optional accessory. If the cutter is installed, it is not suitable for children to approach.

APPENDIX — INTERFACE

● **Parallel port**

Handshaking   : DSTB is sent to the printer, BUSY to the host computer

Interface cable : Parallel cable compatible with IBM computers

Pinout   : See below

Pin No.	Function	Transmitter
1	/Strobe	Computer / printer
2-9	Data 0-7	Computer
10	/Acknowledge	Printer
11	Busy	Printer
12	/Paper empty	Printer
13	/Select	Printer
14	/Auto-Linefeed	Computer / printer
15	N/C	
16	Signal Gnd	
17	Chassis Gnd	
18	+5V, max 500mA	
19-30	Signal Gnd	Computer
31	/Initialize	Computer / printer
32	/Error	Printer
33	Signal Ground	
34-35	N/C	
36	/Select-in	Computer / printer

● **Serial Port**

Default settings : Baud rate 9600, no parity, 8 data bits, 1 stop bit, XON/XOFF protocol and RTS/CTS

RS232 Housing(9-pin to 9-pin)

DB9 Socket			DB9 Plug
-	1_____	1	+5V, max 500mA
RXD	2_____	2	TXD
TXD	3_____	3	RXD
DTR	4_____	4	N/C
GND	5_____	5	GND
DSR	6_____	6	RTS
RTS	7_____	7	CTS
CTS	8_____	8	RTS
RI	9_____	9	N/C
Computer			Printer

Notice

* The total current to the serial port may not exceed 500mA.

● USB Port

Computer Connector : Type A				
Pin No.	1	2	3	4
Function	VBUS	D-	D+	GND

Computer Connector : Type B				
Pin No.	1	2	3	4
Function	VBUS	D-	D+	GND

● Ethernet (RJ-45)

Pin No.	Fuction
1	T+
2	T-
3	R+
4	N/C
5	N/C
6	R-
7	N/C
8	N/C

● Applicator

PIN NO.	FUNCTION
1	GND
2	+5V,max 500mA
3	START_PNT
4	SLEW_LABEL
5	PAUSE
6	REPRINT
7	+24V,max 1.5A
8	GND
9	RIBBON_LOW
10	SERV_REQ
11	END_PRINT
12	MEDIA_OUT
13	RIBBON_OUT
14	DATA_READY
15	OPT_FAULT

APPENDIX — Parallel module or Applicator module installation diagram

Step 1.

Step 2.

Step 3.

Applicator module

Parallel module
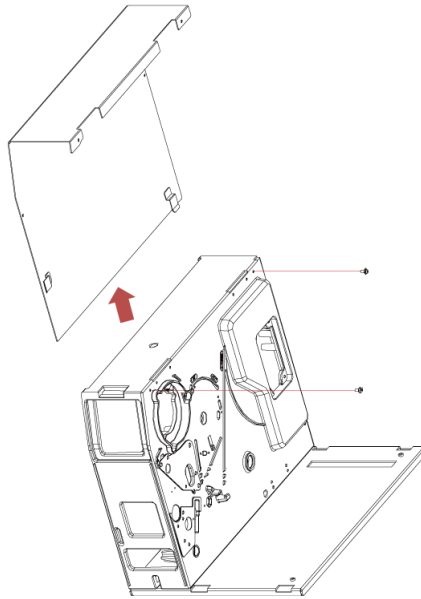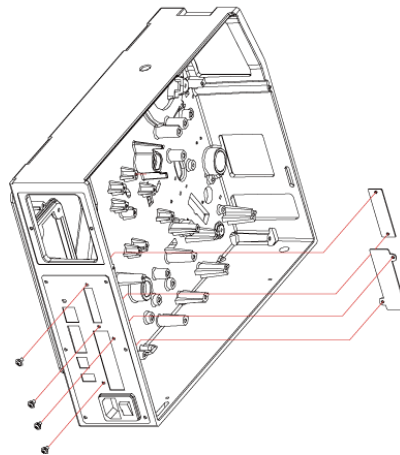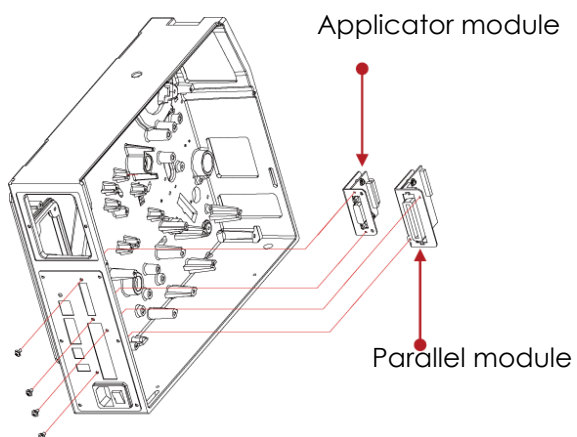
Enable LPT Port Function

Connecting the printer to the computer, follow the instructions below to enable the LPT function.

Step 1.Download GoTool and open Goconfig

(Please go to the Godex official website to download.)

Step 2. Click "Printer I/O Setup" than click "Port Active"
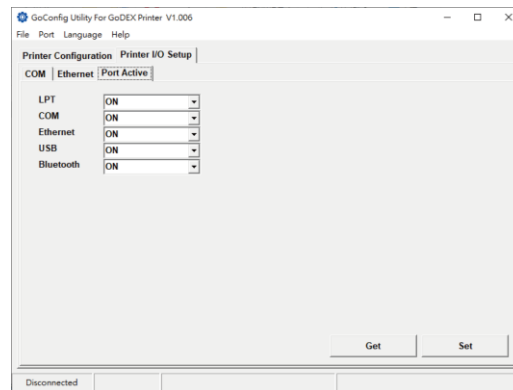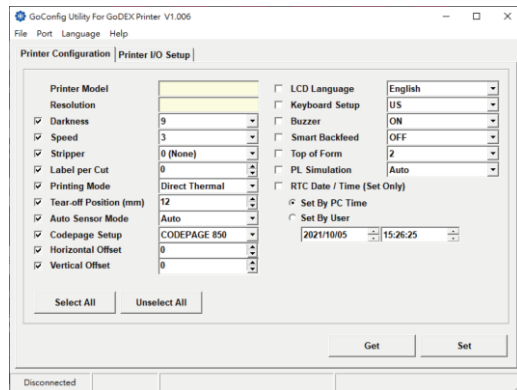
Step 3. Click "Printer I/O Setup" than click "Port Active"

Step 4. Choose "ON"
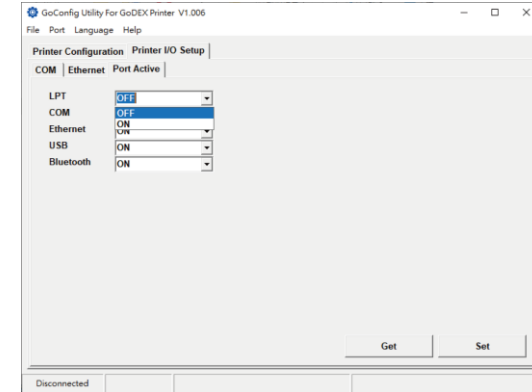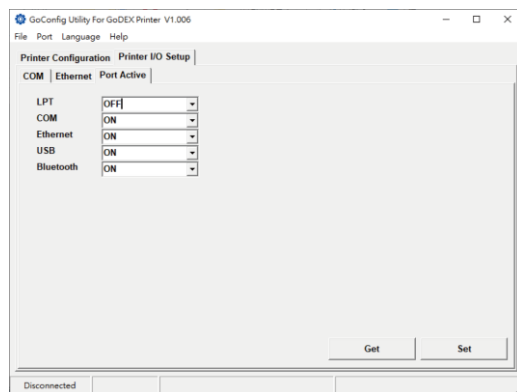
Step 5. Press Set to complete setting
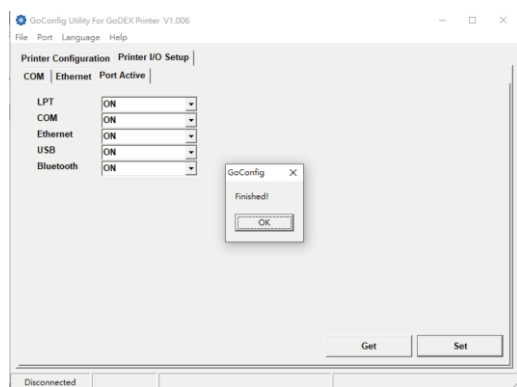
APPENDIX — Label Dispenser & Liner Rewind Module Installation
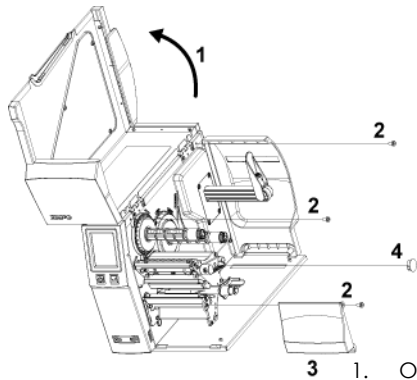
1. Open the right side cover
2. Remove leftmost and rightmost screws
3. Remove the front cover
4. Remove the plug
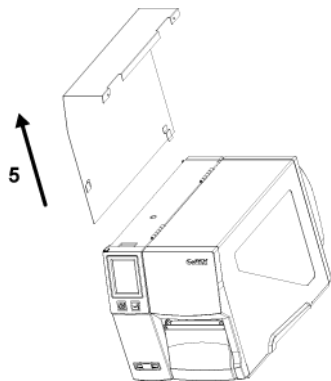
5. Remove the left side cover
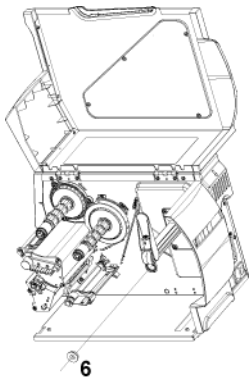
6. Insert bearing
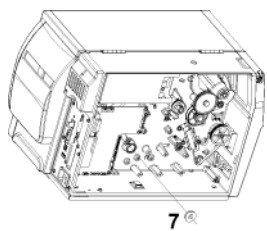
7. Insert bearing
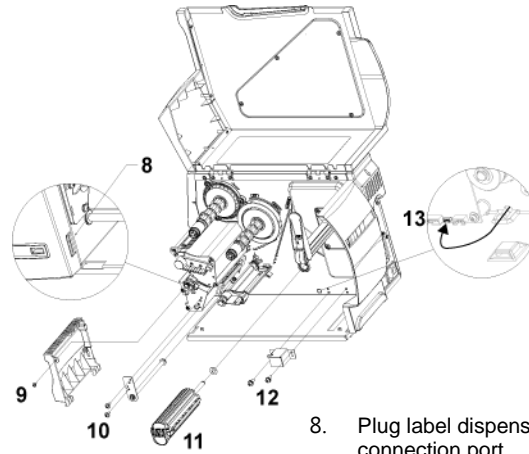
8. Plug label dispenser connector into the connection port
9. Install label dispenser cover and screw
10. Install roller combination
11. Install backing paper recycling roller combination
12. Install Label Full sensor
13. Plug sensor connector into connection port
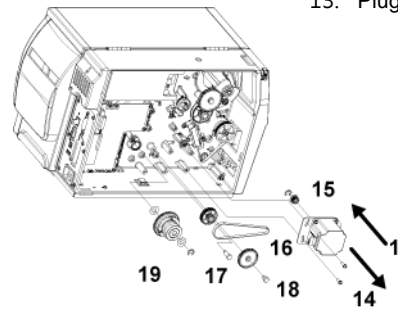
14. Remove the motor combination
15. Install 22t gear and retaining ring
16. Install motor combination and pull the belt
17. Install gear combination(Gear column add silicone oil)
18. Install gear combination(Gear column and gear add silicone oil)
19. Install clutch combination
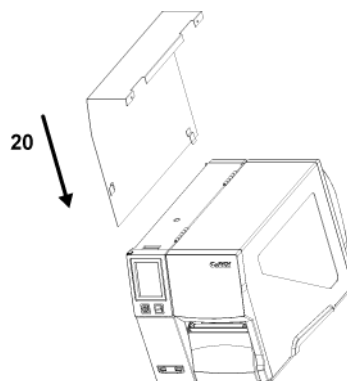
20. Install left side cover
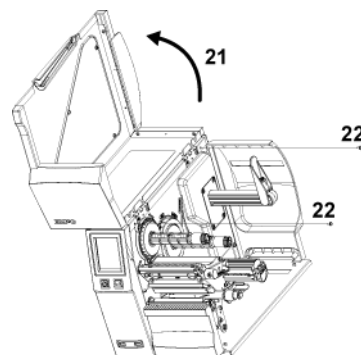
21. Open the right side cover
22. Reattach leftmost and rightmost screws

APPENDIX — BT & WiFi Module Installation
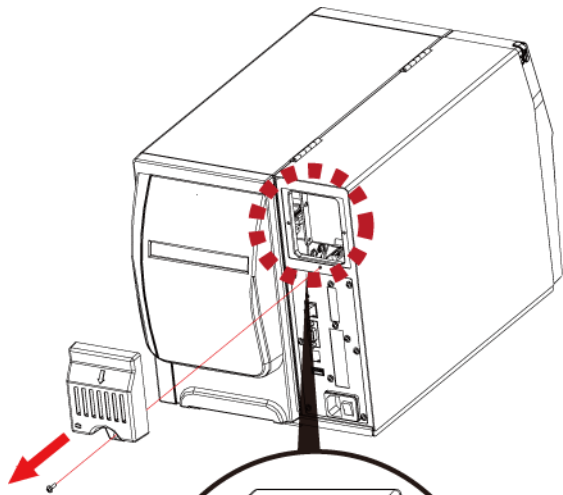
1. Remove the screws

2. Unattach the option cover
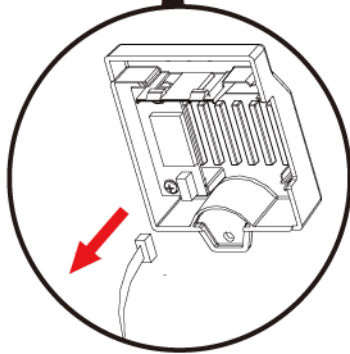
3. Unattach the connector
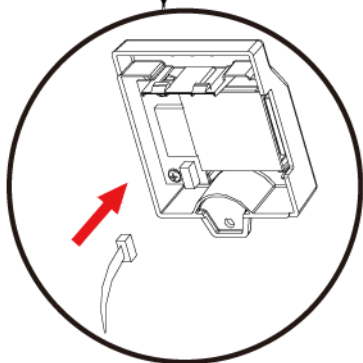
4. Insert BT Module

5. Plug the connector
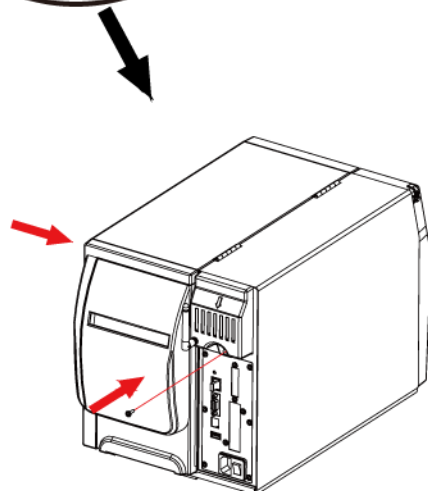
6. Put the option cover back and screw it

APPENDIX — Wi-Fi setting

Steps for setting Wi-Fi module

Step 1. Power off the printer.

Step 2. Install the Wi-Fi module.

      Note : Methods for installing Wi-Fi module, please refer to Wi-Fi module installation.

Step 3. Power on the printer and wait 15 seconds. The main manu will display gray Wi-Fi icon and it means that the Wi-Fi module is already

      detected by the printer, as the figure below indicates.
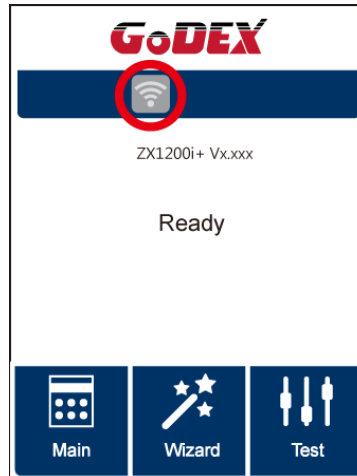
Note

*   The firmware version of the printer should be above V.2005,otherwise you can not use Wi-Fi function.

** GoLabel version should be above V1.12,otherwise you can not use Wi-Fi Tool function.

*** When a Wi-Fi module is installed into a printer, the Ethernet of the printer will lose its function.

Steps for setting Access Point (D-Link)

Step 1. Execute browser and log in the setting page of access point.

Step 2. Click "WIRELESS SETUP"on the left side of the setting page(red circle 1) and enter into AP setting page.

For the contents of setting, please refer to the figure below.

Step 3. Click "Save Settings"button after the Wi-Fi AP is completely set.

After approx.20 Seconds, the the setting of AP is stored and takes effect.

Methods for setting Wi-Fi module

How to execute Wi-Fi Tool

Step 1. Execute GoLabel II

Step 2. Select desired ZX1200i+ printer model, as the figure below indicates.

Step 3. Click "Save", as the figure below indicates.
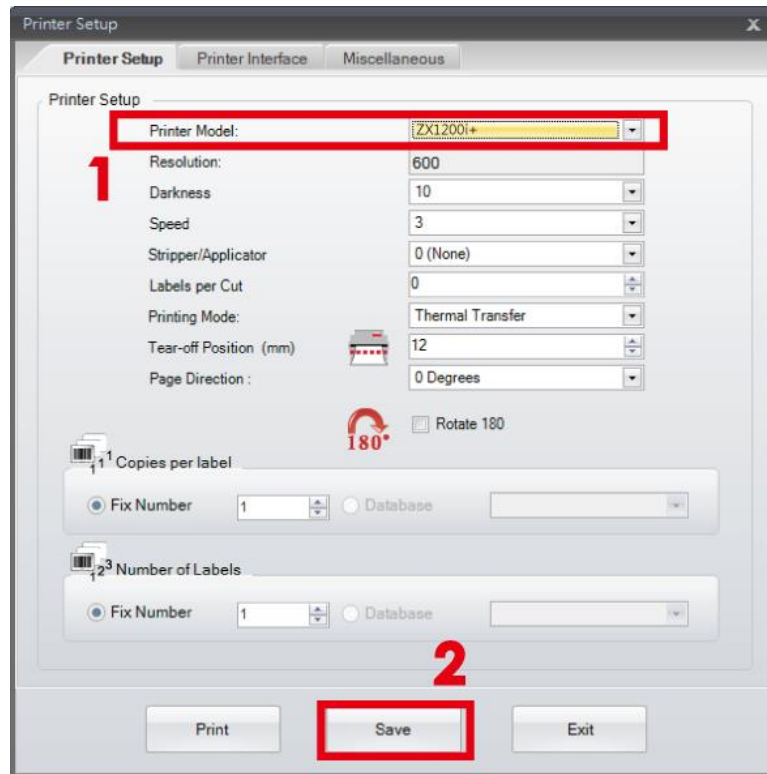
Step 4. Execute Wi-Fi Tool, as the figure below indicates.

How to set the corresponding items between Wi-Fi Tool and AP

Step 1. Set Wi-Fi parameters, as the figure below indicates.

Step 2. Click "Set Data"button after the parameters are completely set.

　　　Approx. 5 seconds later, the printer will automatically reboot.
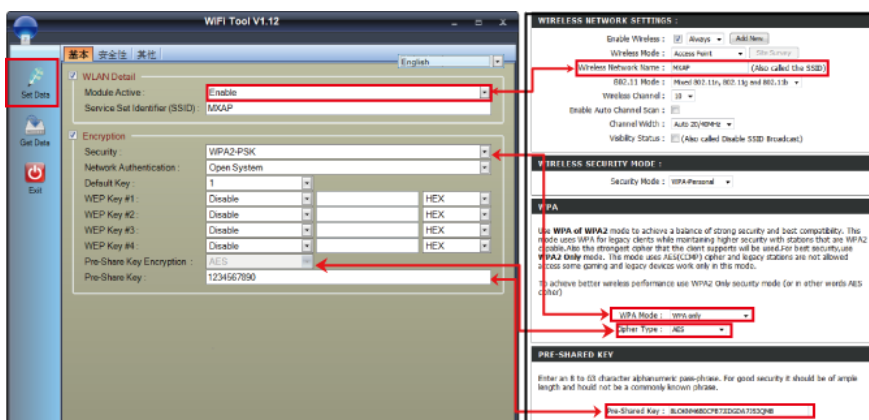
Step 3. Approx. 15 seconds, LCD panel will display gray Wi-Fi icon,l and it means that the Wi-Fi module is already detected by the printer.

Note

* The Setting content of Wi-Fi Tool should be corresponding with the setting of AP.

Check whether the Wi-Fi connection is successfully created

After 8~10 seconds, the Wi-Fi icon's will change from gray to purple

and it means that the Wi-Fi connection is successfully created, as the figures below indicate.
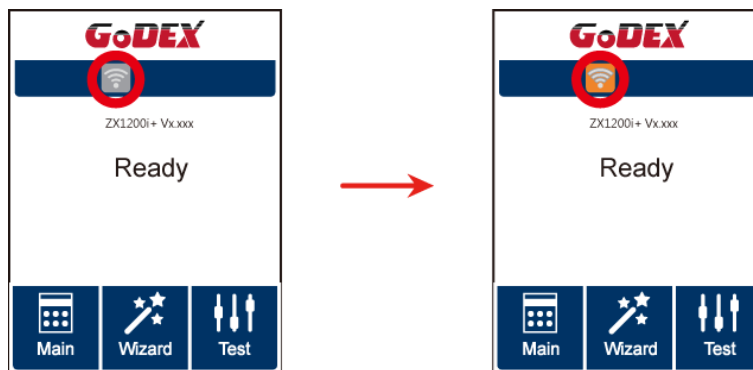
Check the related information of LAN

Step 1. Select "Main" on the bottom left Corner of LCD panel.

Step 2. Select "Devices"
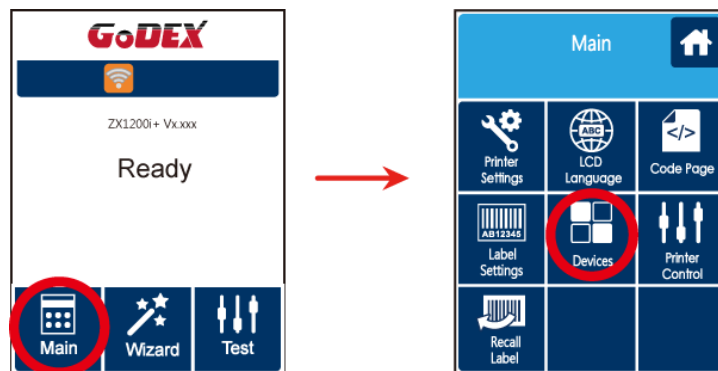
Step 3. Select "LAN Settings"and the display indicates the related information of LAN

Values may vary according to the actual situation

Port NO. range of setting: 500~65535
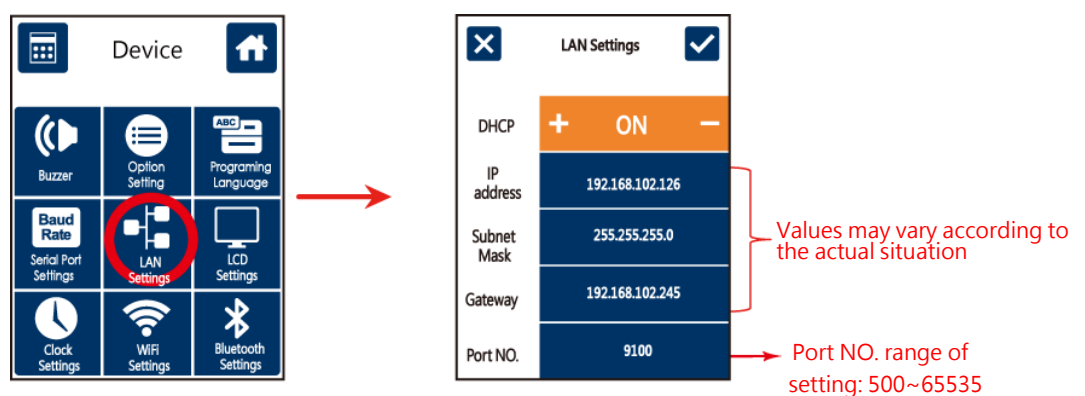
How to create a connection between computer and printer via Wi-Fi

Step 1. Execute GoLabel II

Step 2. Select "Printer Setup"

Step 3. Select "Printer Interface"and Click "LAN Port ",and enter IP address, as the figure below indicates.

Step 4. Click"Save"
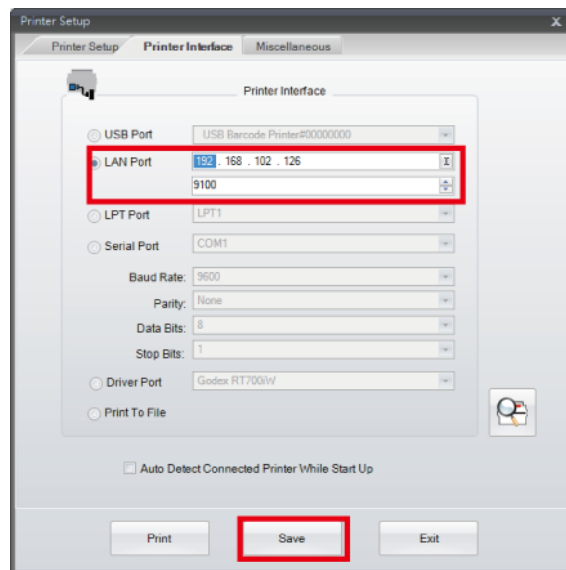
Step 5. Select "Virtual Terminal"and enter "~B"into "Command field , and then click"Send".

The Wi-Fi connection is working if the printer return related information automatically, as the figure below indicates.
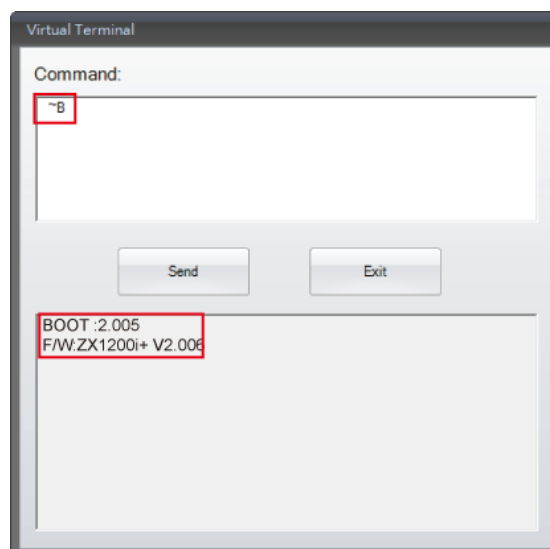
APPENDIX — Wi-Fi Printer Sever Module Installation(Quick Setting)

Set up wireless network through GoDEX WiFi tool

1. Turn on the printer, connect printer and computer by USB cable.

2. Start GoLabel II.

3. "Generic"→"Printer Setup".
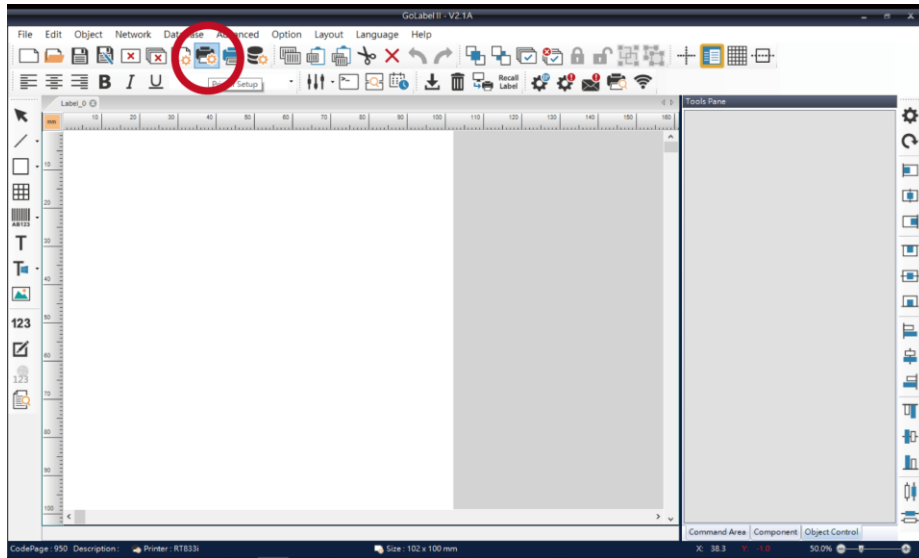
4. Select printer model(Wi-Fi supported models).
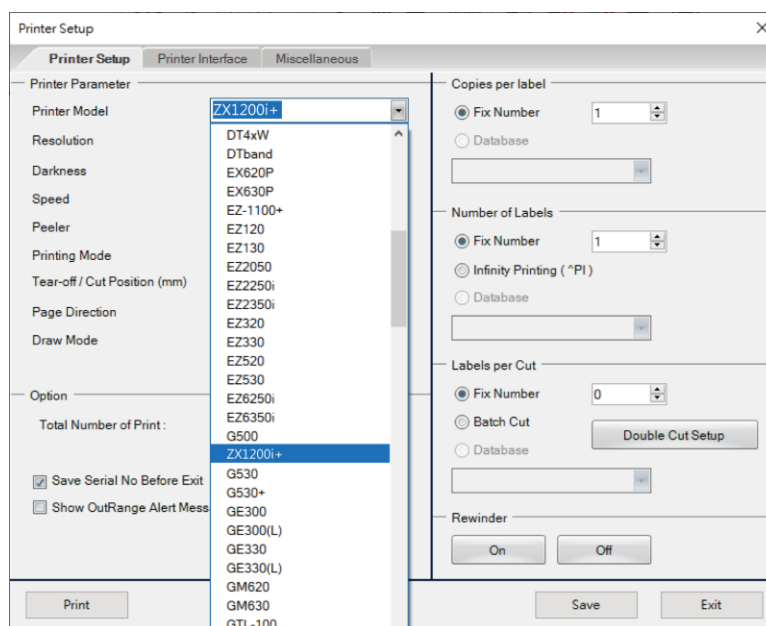
5.   Click"WiFi Setting"icon.
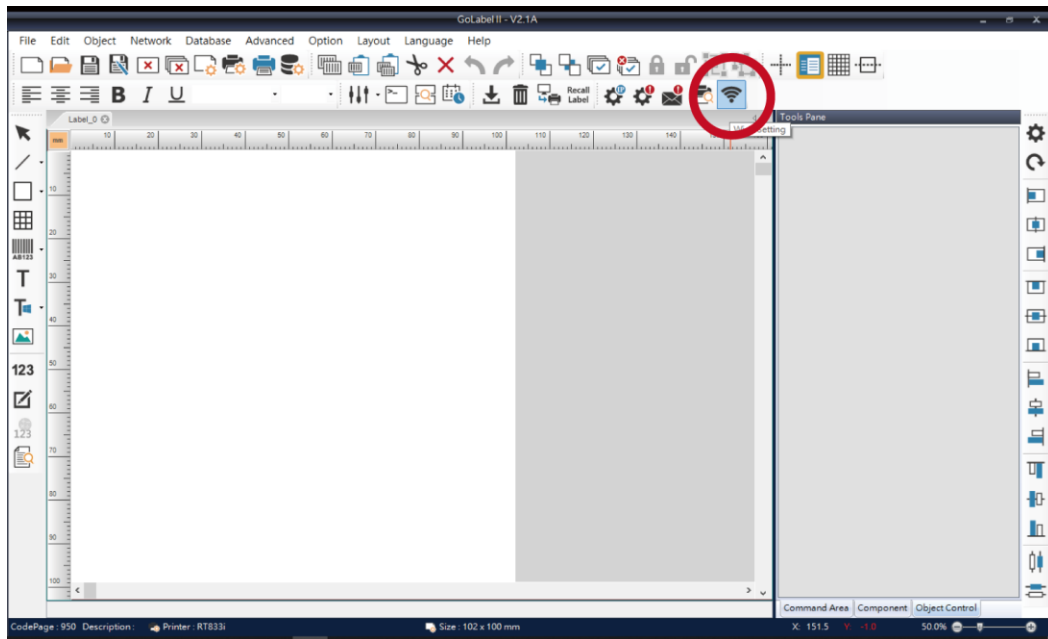
6.   Click"Quick Setting"icon.
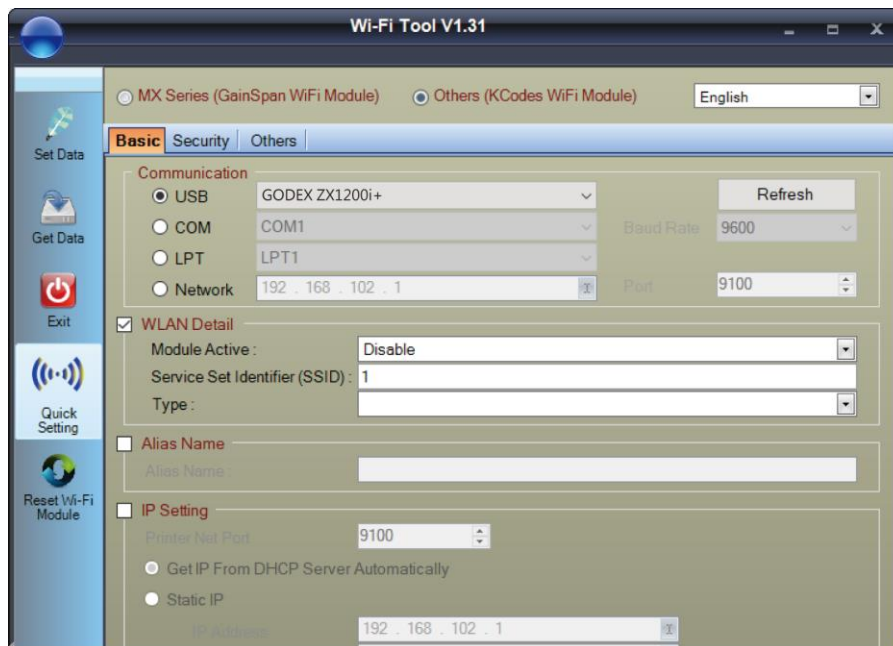
7. Click the Search button.
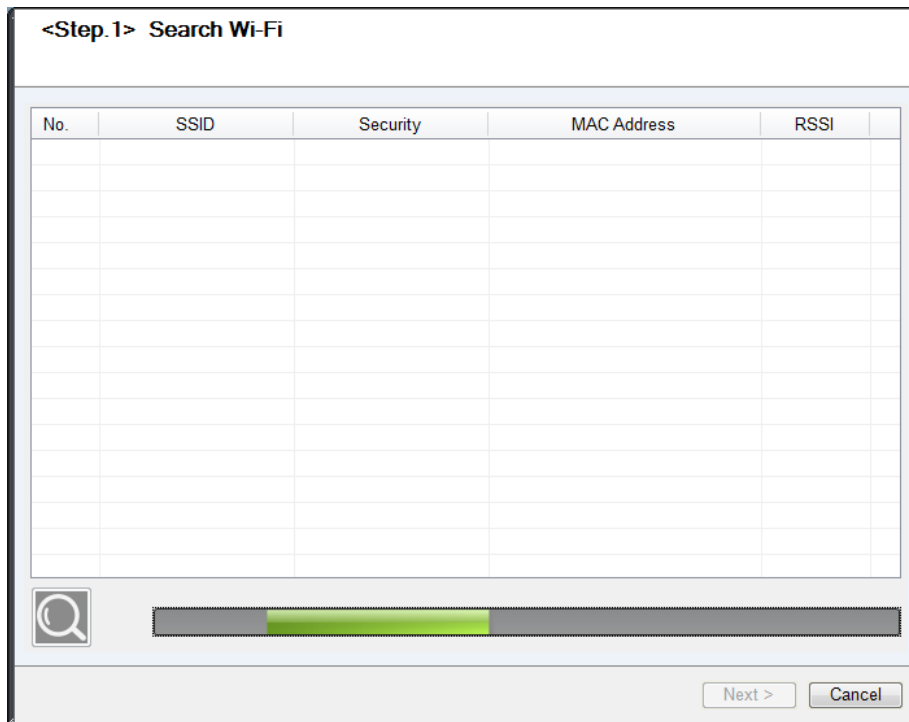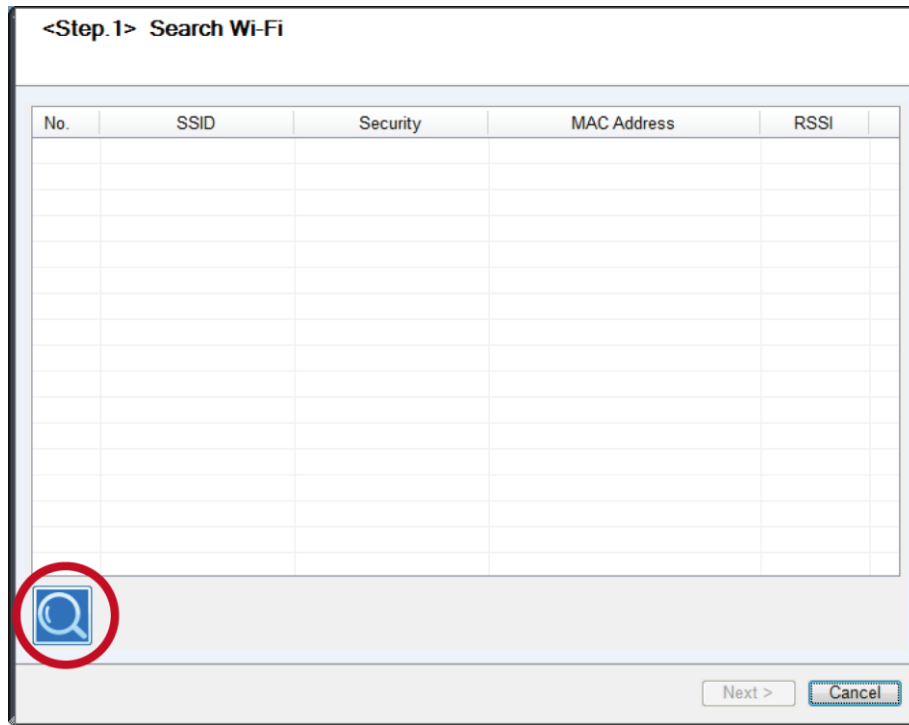
8. Select server and click next button.
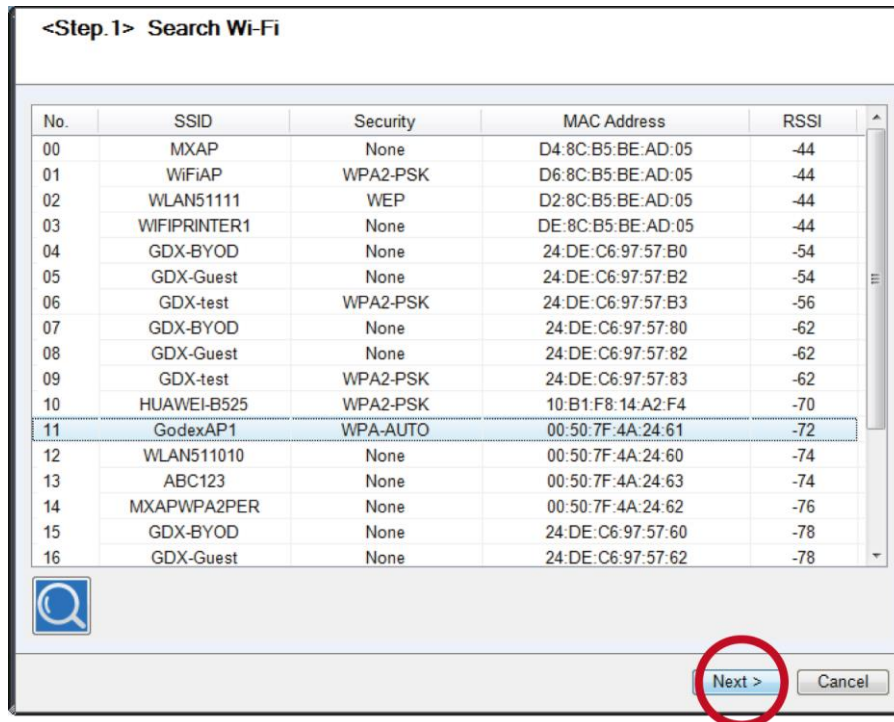
9. Enter the password set on the server side and click the "Setting" button.
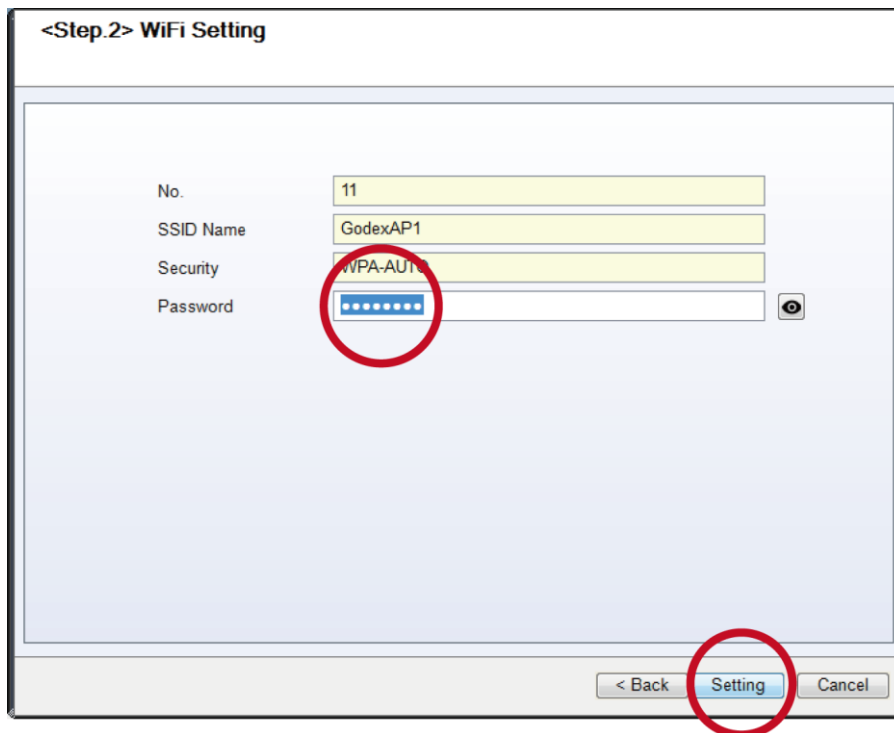
10. After the setting succeeded, a prompt will pop up and the printer will restart.
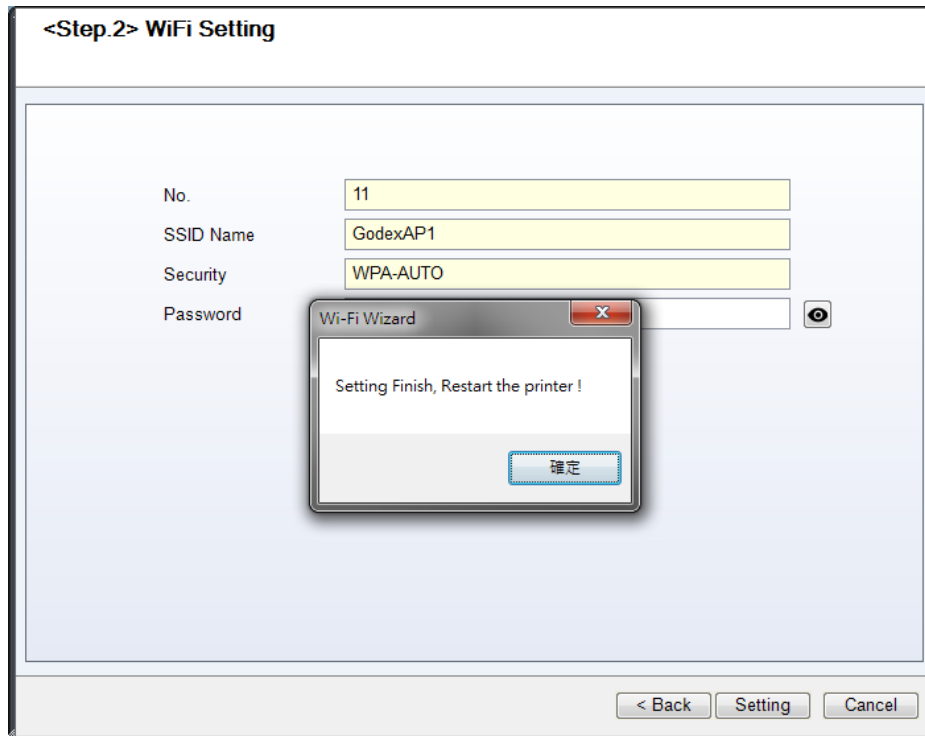
11. Select the "Other" tab and click the "Get Data" icon after selecting "IP Settings".
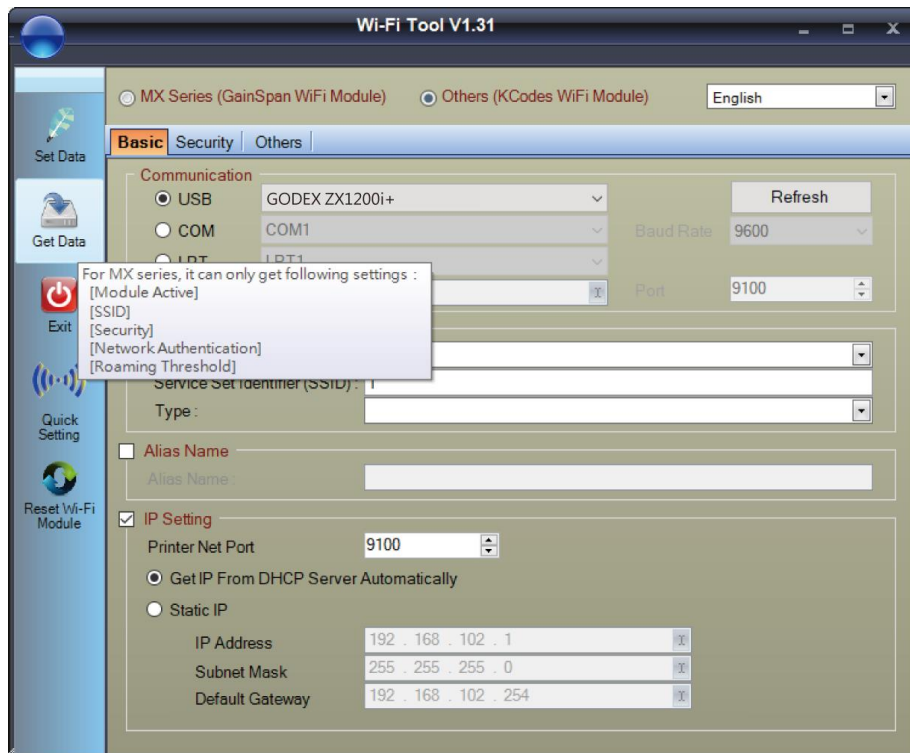
12. After remembering the IP address, open the "Printer Settings" window.
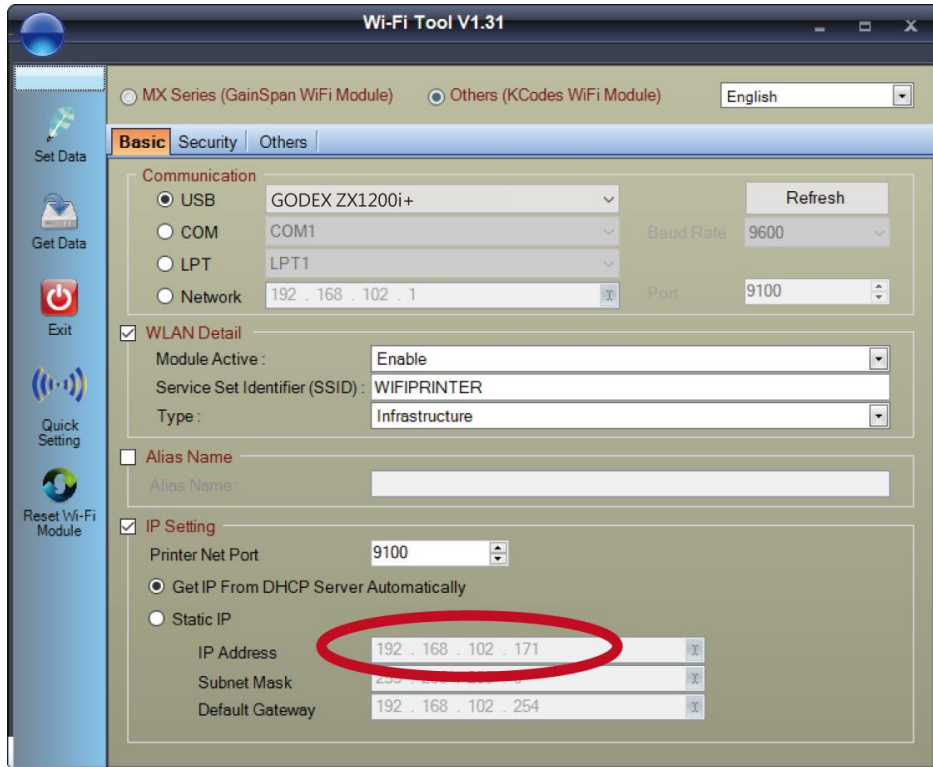
13. Select the "Printer Interface" tab, fill in the IP address and click "Save" to complete the setting.
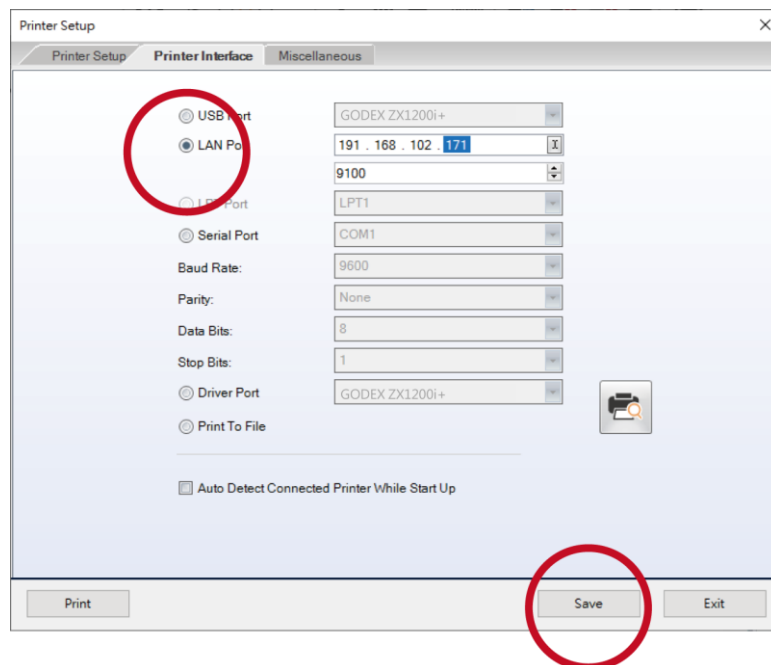
APPENDIX — Liner Rewind Operation
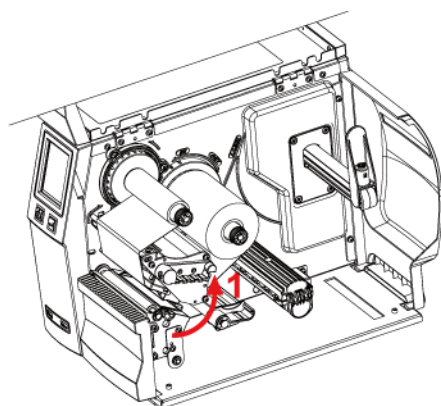
1. Open TPH rotary arm
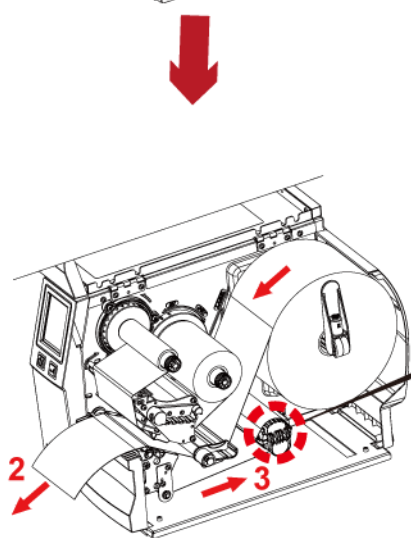
Check whether the rewinder knob is in closed position

2. Install the label roll
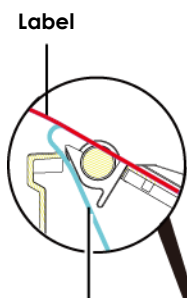
Label

Liner

3. Pull the Liner back to rewinder shaft and rotate it in 2~3 circles
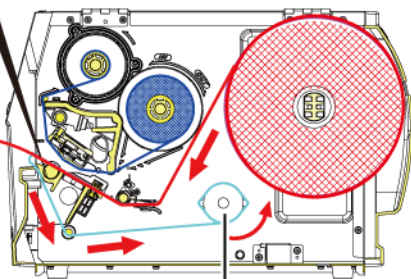
Rewind shaft
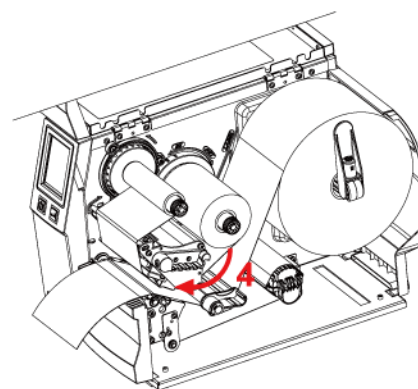
4. Close TPH rotary arm and the printer is ready to print

Note

* With the rewind installed, set the stop position in GoLabel (E value) and Driver to 6.

* Liner rewind can be operated without setting Golabel and Driver .

Remove Liner Roll
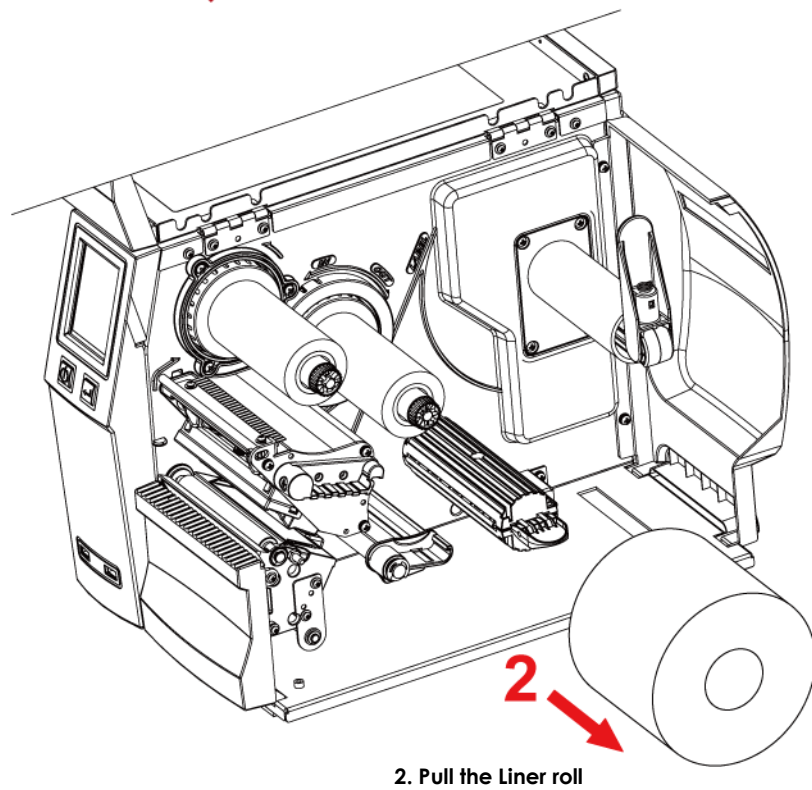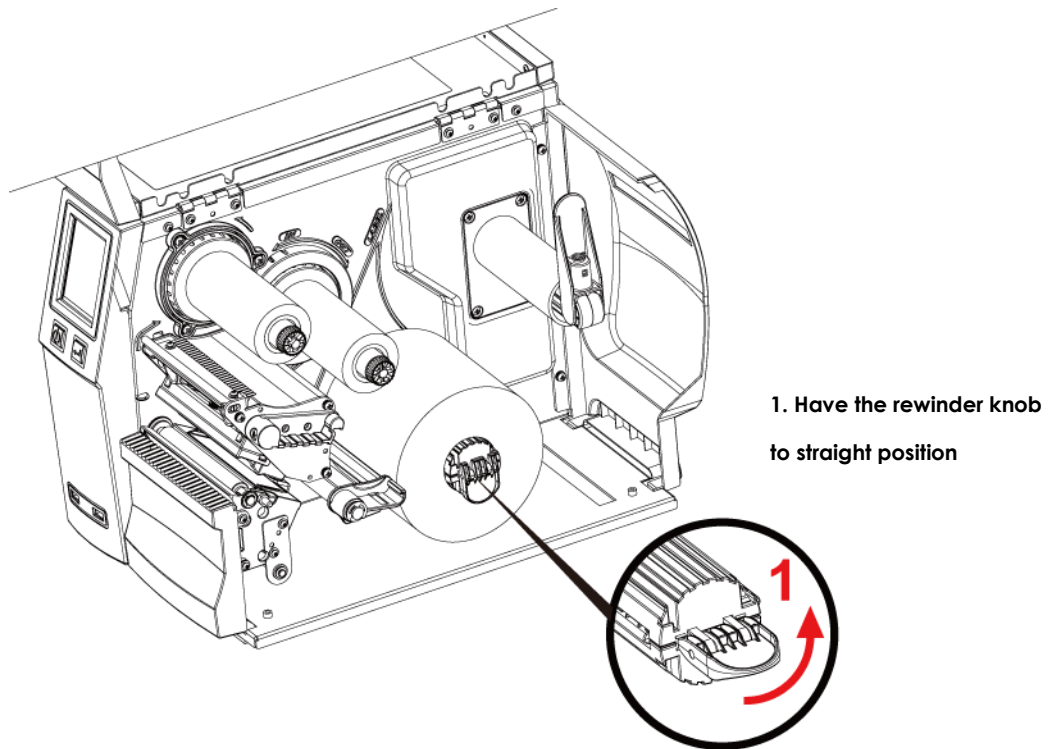
1. Have the rewinder knob to straight position

2. Pull the Liner roll

APPENDIX — Installation Guide for Perforation Cutter

Overview Of Perforation

CONNECTION CABLE OF CUTTER

COVER
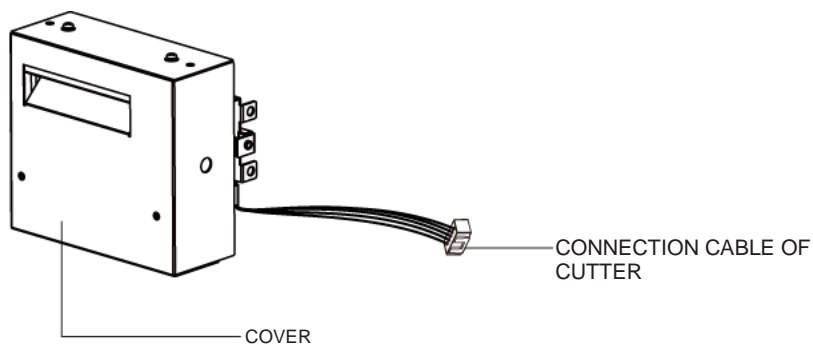
* Power off the printer and remove the cable from the connector before perforation cutter module installation

* Labels with adhesive glue are not applicable or otherwise could result to malfunction

* Applicable label size is at maximum width of 80mm and minimum length of 30mm.

(Usage with labels outside this range will be excluded from warranty terms)

* Stop position (E value) should set to 51 through GoLabel before using the perforation cutter

* After the cutter is installed, please send the command ^XSETCUT,MODE,0,2 through Golabel to activate the cutter.

* After the perforation cutter is installed, please send the command ^D1,5 through Golabel to specify the cutter type(perforation cutter).

* Command : ^XSETCUT,MODE,0,2→Full Cut、^XSETCUT,MODE,1,2→Perforation Cut

This cutter module is suitable for Firmware V2.100 or later.

Preparation Steps
For more details about the preparation steps to install optional modules, please refer to printer User Manual.

(Power off the printer and remove the power cable before installing the perforation cutter module)

1. Loose the screw (as circle indicated).
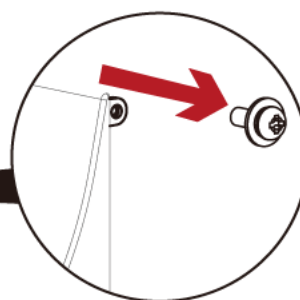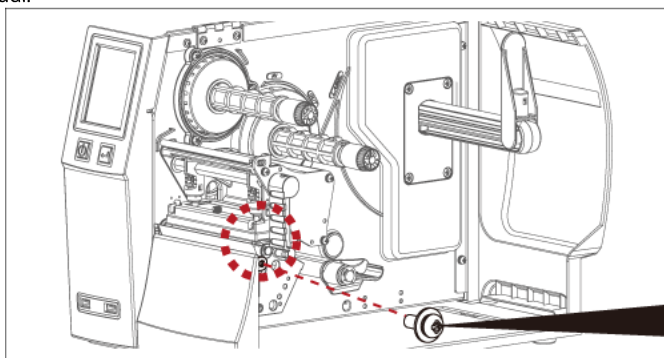
2. Remove the cover panel by pushing to the direction of right-hand side.
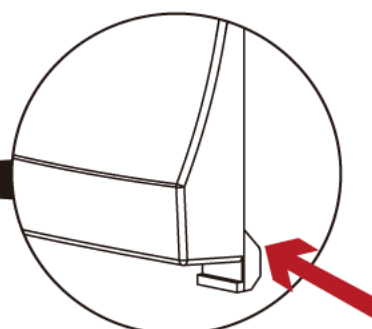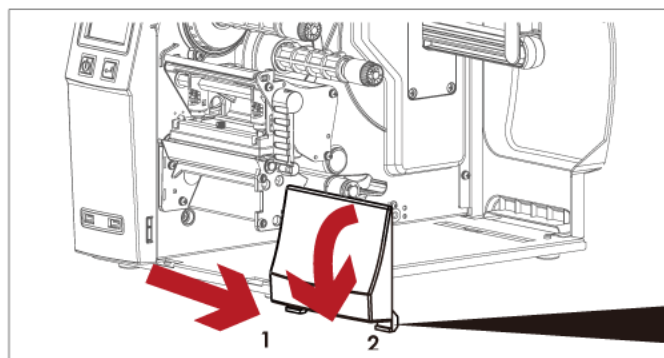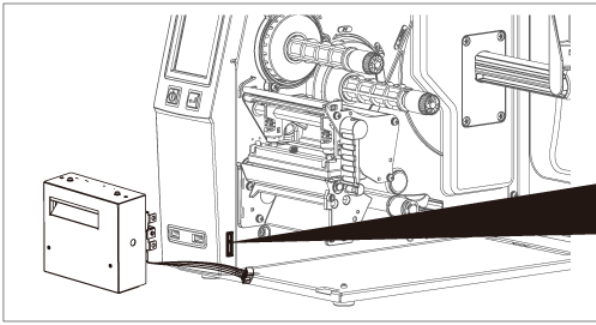
3. Plug in the cable connector to the bottom 5-PIN jack of printer's left panel
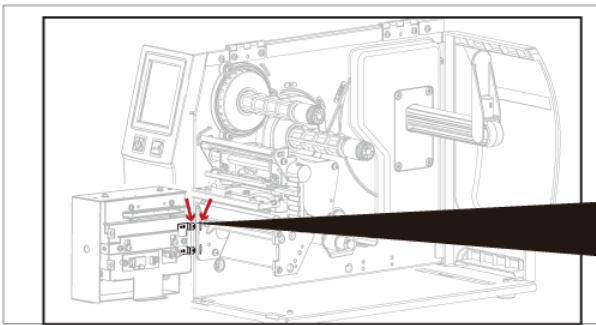
4. Insert the perforation cutter module to dock with the printer
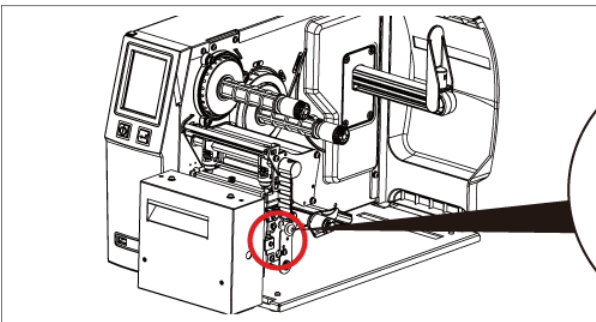
5. Hold the perforation cutter module firmly and tighten the screw

6. Installation is now complete
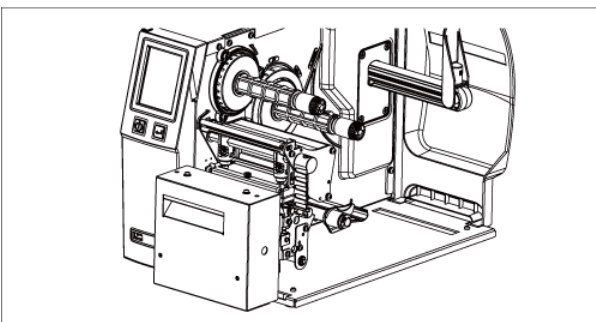
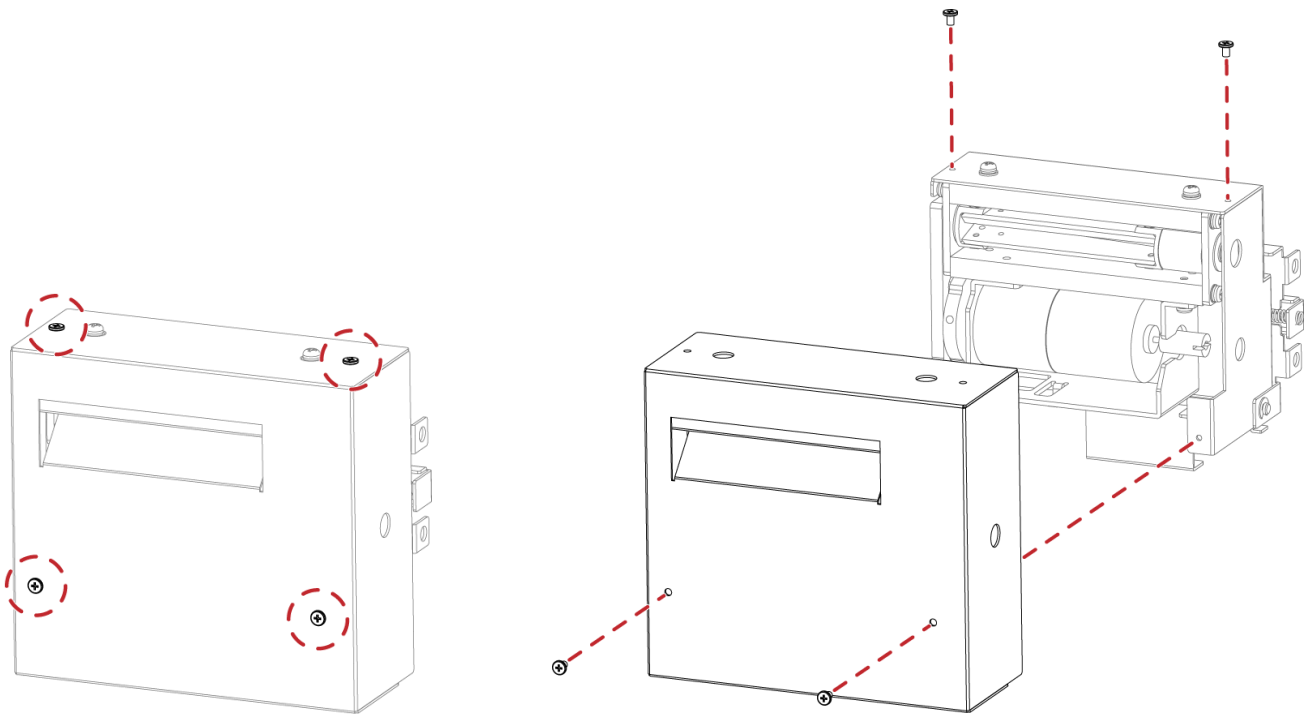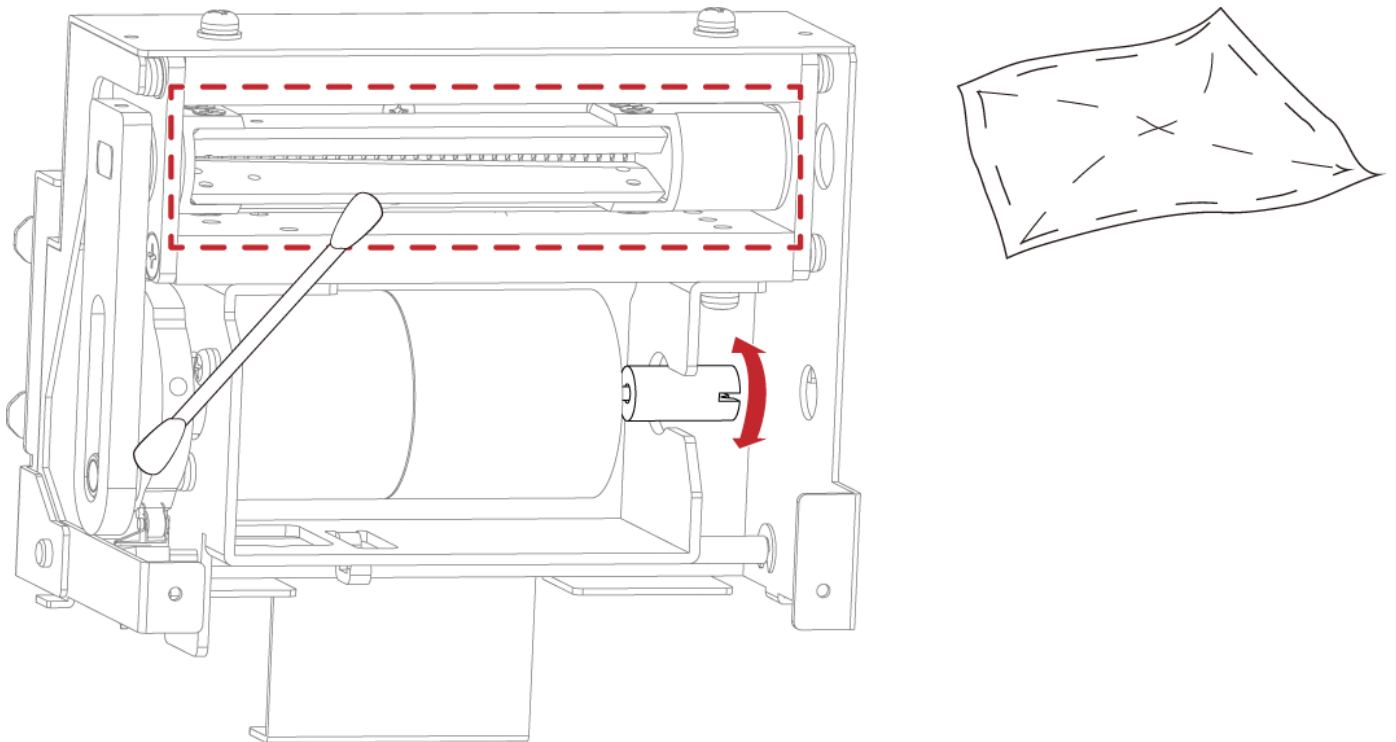7. Load consumables and close printer cover
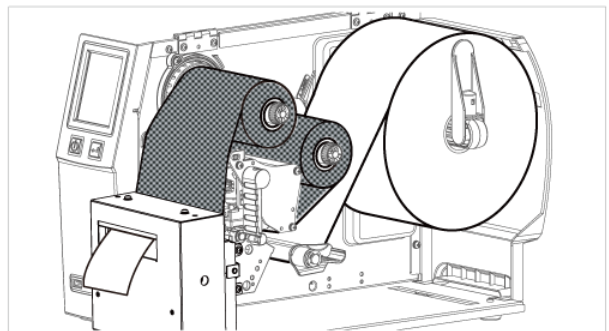
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Caution

*   Printer power should be off when plugging the connector to avoid malfunction
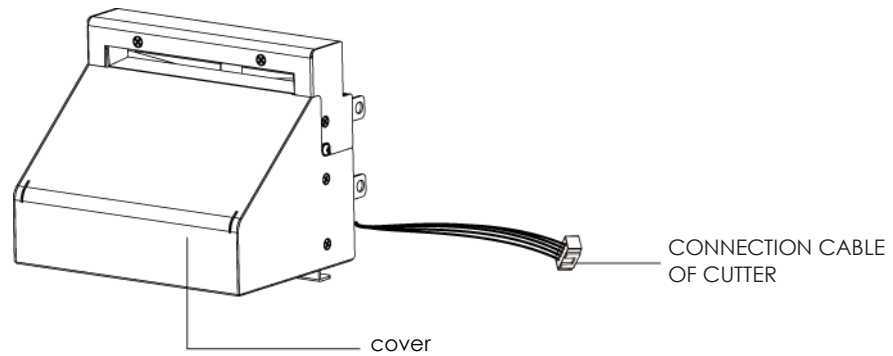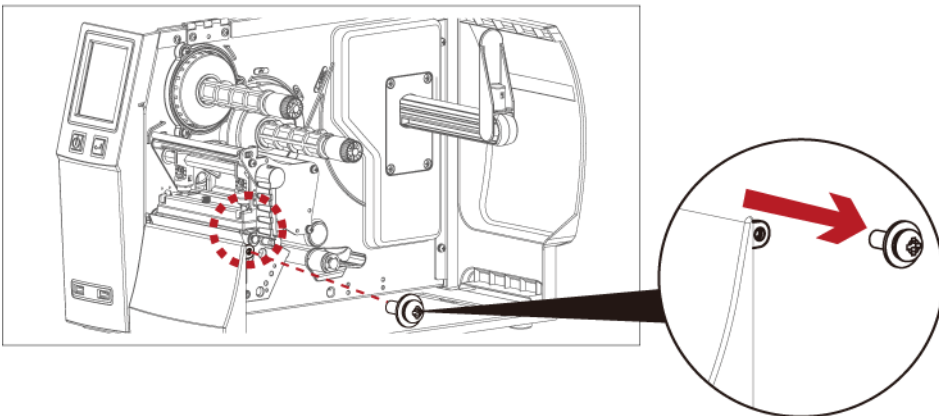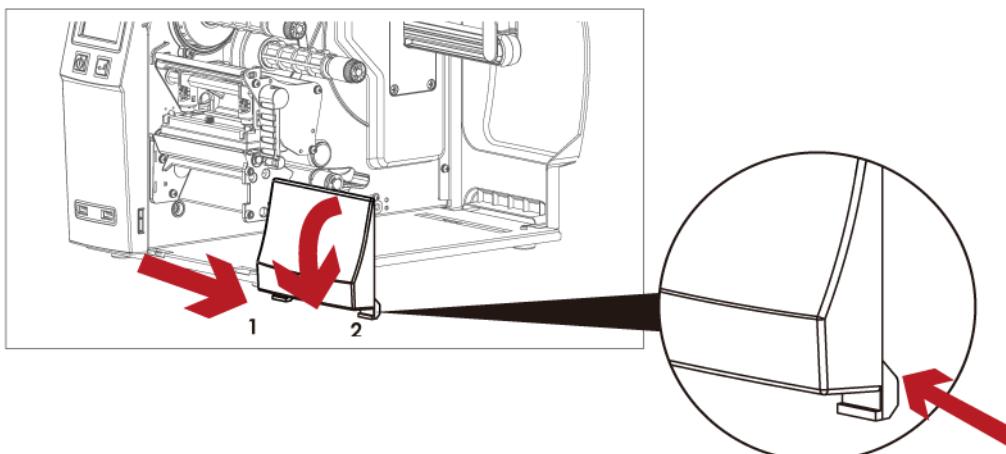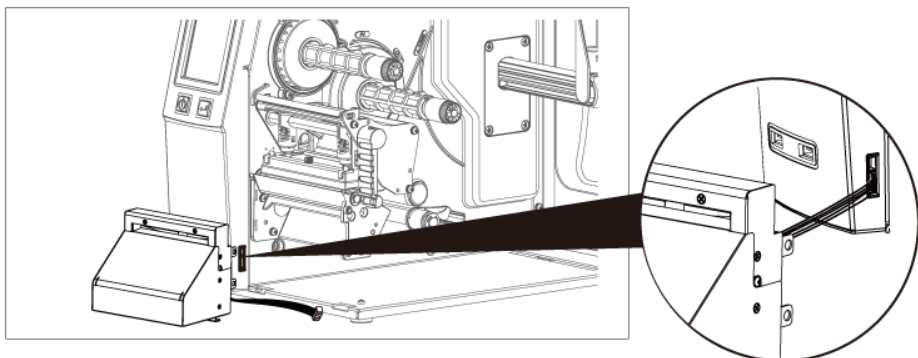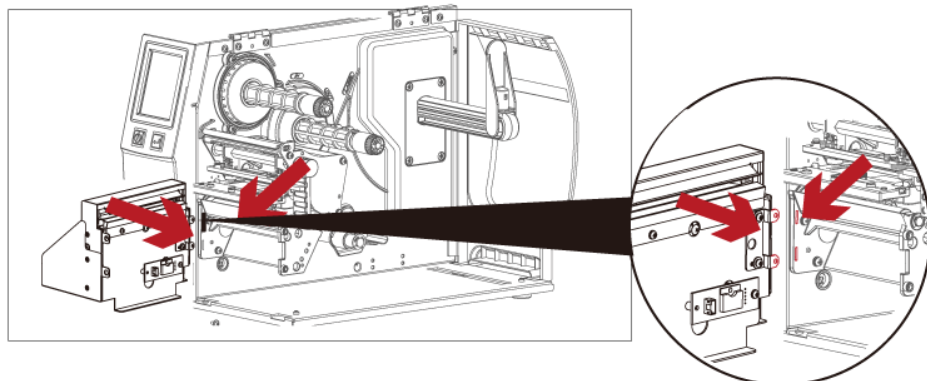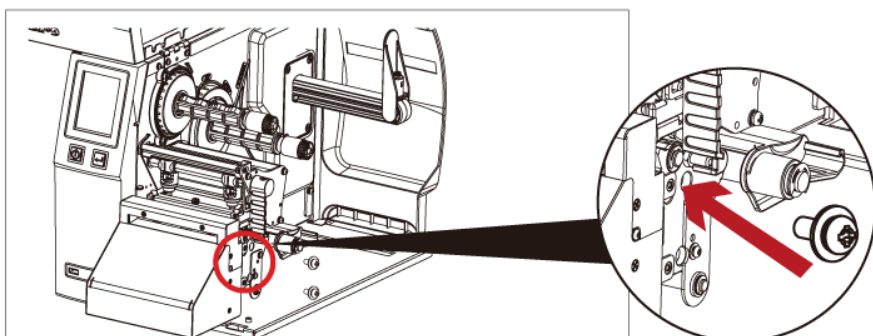
Cleaning Method

1.Remove the screws and cover.

2. Wipe with a cotton swab or dry lint-free cloth (turn the gear to adjust the angle of the cutter)

APPENDIX — Installation Guide for Paper Card Cutter

CONNECTION CABLE
OF CUTTER

cover

Caution

* Power off the printer and remove the cable from the connector before cutter module installation

** Labels with adhesive glue or inner roll are not applicable or otherwise could result to malfunction

*** Applicable label size is at maximum width of 118mm and minimum length of 30mm.

(Usage with labels outside this range will be excluded from warranty terms)

**** Stop position (E value) should set to 32 through GoLabel before using the cutter

***** After the cutter is installed, please send the command ^D1,5 through Golabel to set the cutter.

This cutter module is suitable for Firmware V2.100 or later.

Preparation Steps

For more details about the preparation steps to install optional modules, please refer to printer User Manual.

Installation Steps: (Power off the printer and remove the power cable before installing the cutter module)

1. Loose the screw (as circle indicated).

2. Remove the cover panel by pushing to the direction of right-hand side.

3. Plug in the cable connector to the bottom 5-PIN jack of printer's left panel
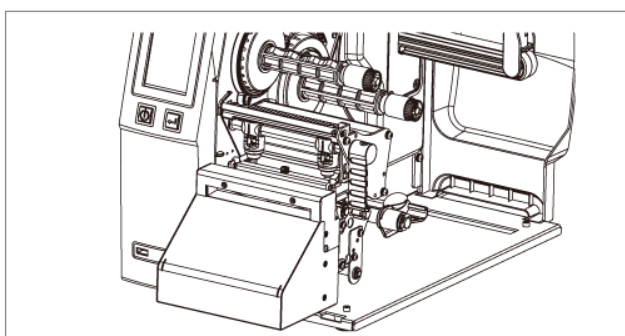

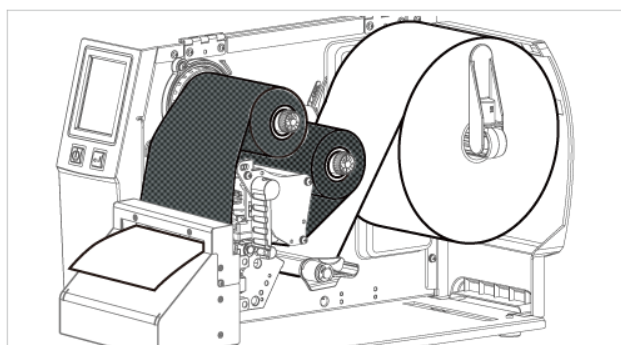4. Insert the cutter module to dock with the printer

5. Hold the cutter module firmly and tighten the screw

6. Installation is now

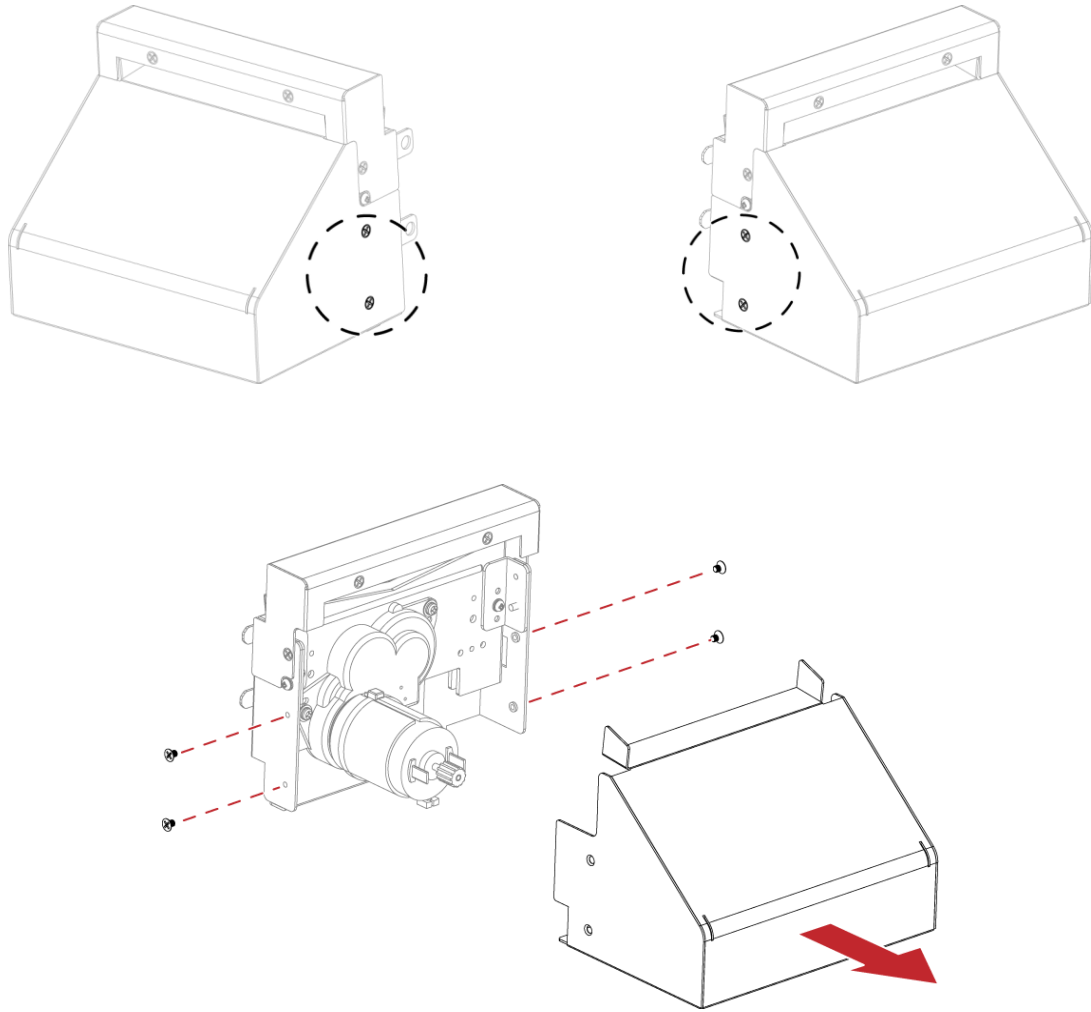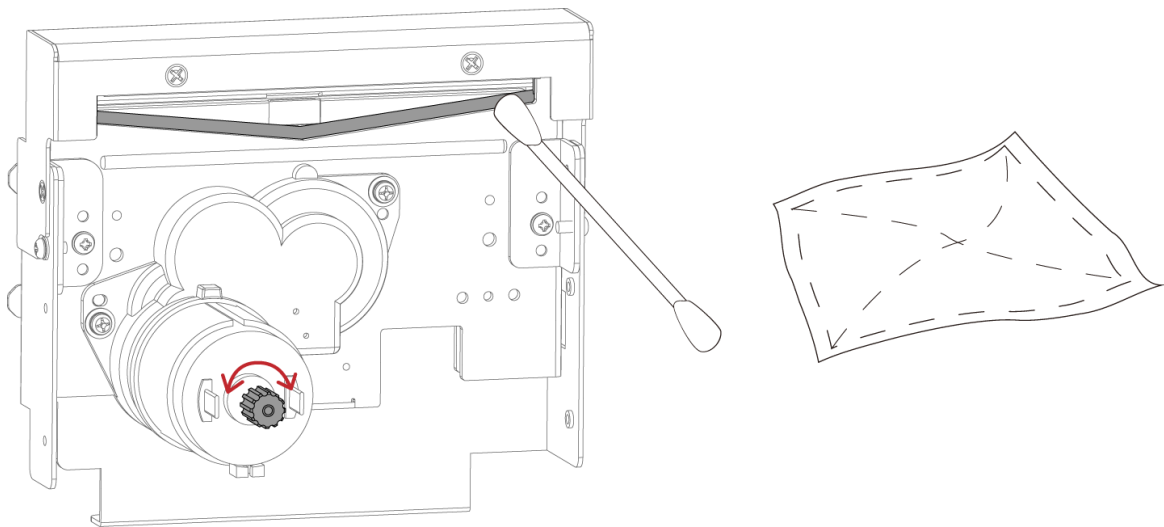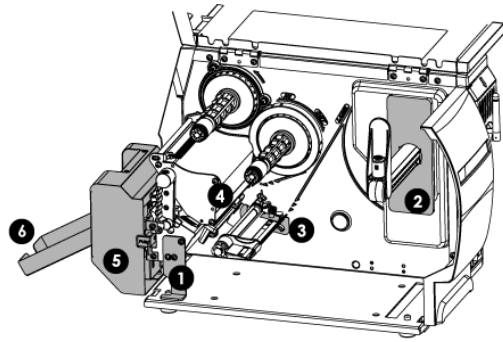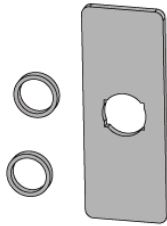

7. Load consumables and close printer cover

Caution

*   Printer power should be off when plugging the connector to avoid malfunction

Cleaning Method

1.Remove the screws and cover.

2. Wipe with a cotton swab or dry lint-free cloth (turn the gear to adjust the angle of the cutter)

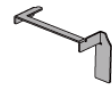# APPENDIX — High-Speed Cutter (MK147) Installation Guide

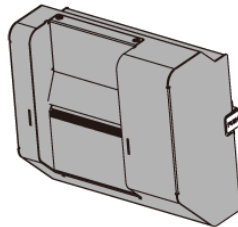**1** Platen module bracket

2 Plastic tubes & Label stop plate

3 Lebal bracket

4 Label holder - UP
Label holder - Down

5 High-speed cutter
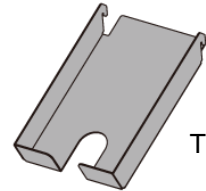
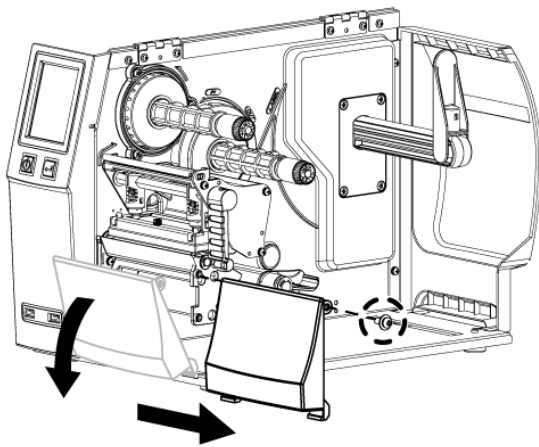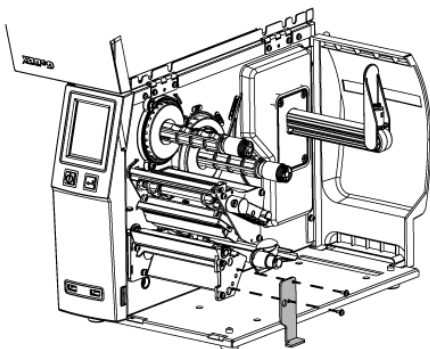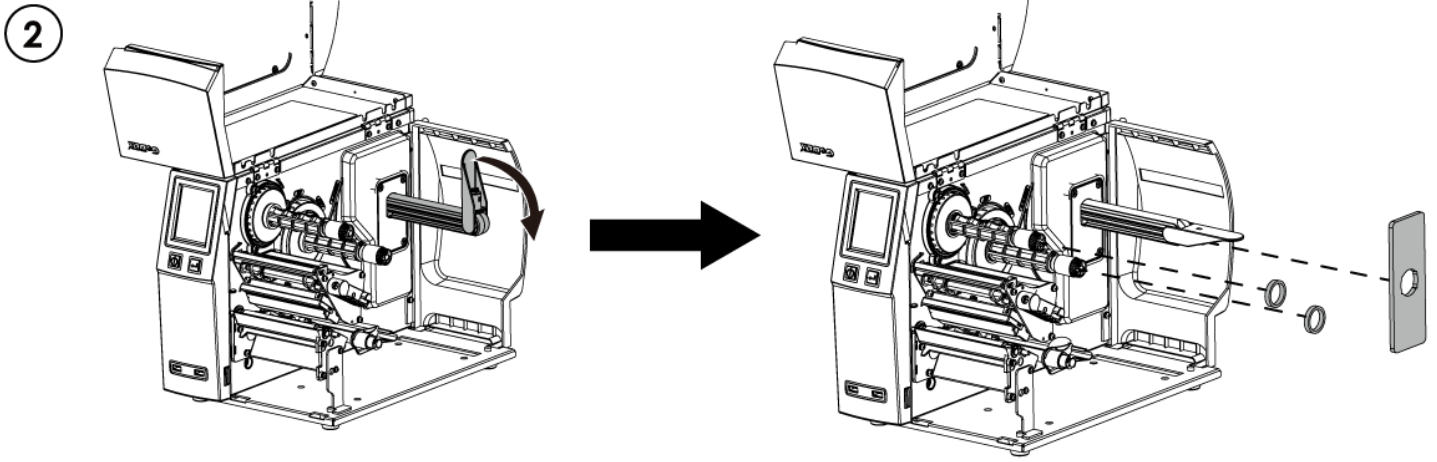**6** Ticket tray

---

1. Loose the screw (as the picture shows).

2. Tilt the front cover forward and move it to the
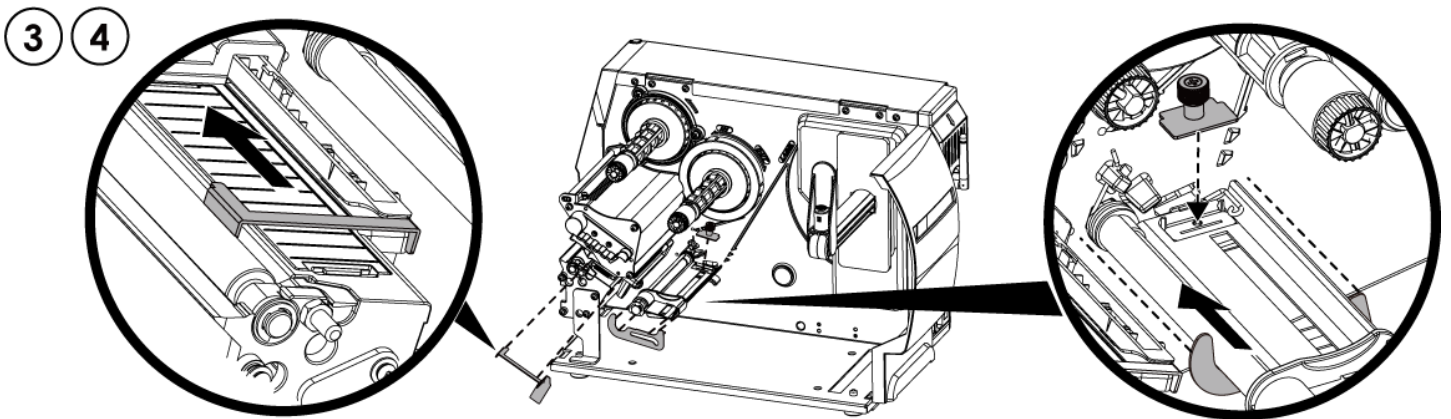
①

1. Assemble the Platen module bracket.

②

1. Assemble the label stop plate and plastic tubes.

   ※ **(Please remove the double-sided adhesive backing paper on the label stop**

---

③ ④

1. Install the label bracket and the label holders respectively. During the installation, push the parts to the left end and fix them with double-sided tape.
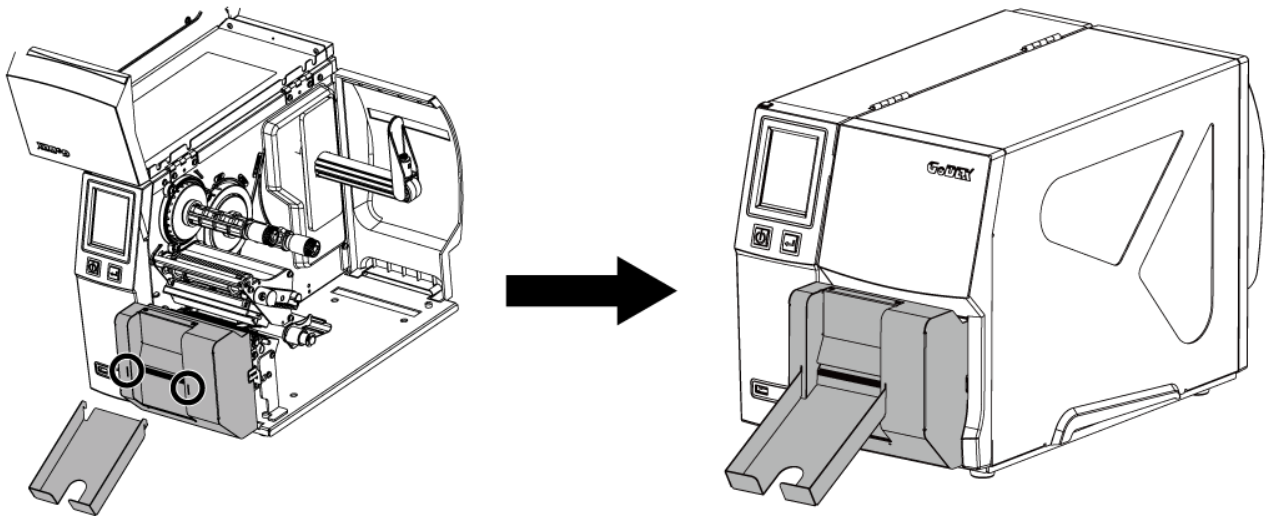
   ※ **(Please remove the double-sided adhesive backing paper on the label bracket and label holder first.)**
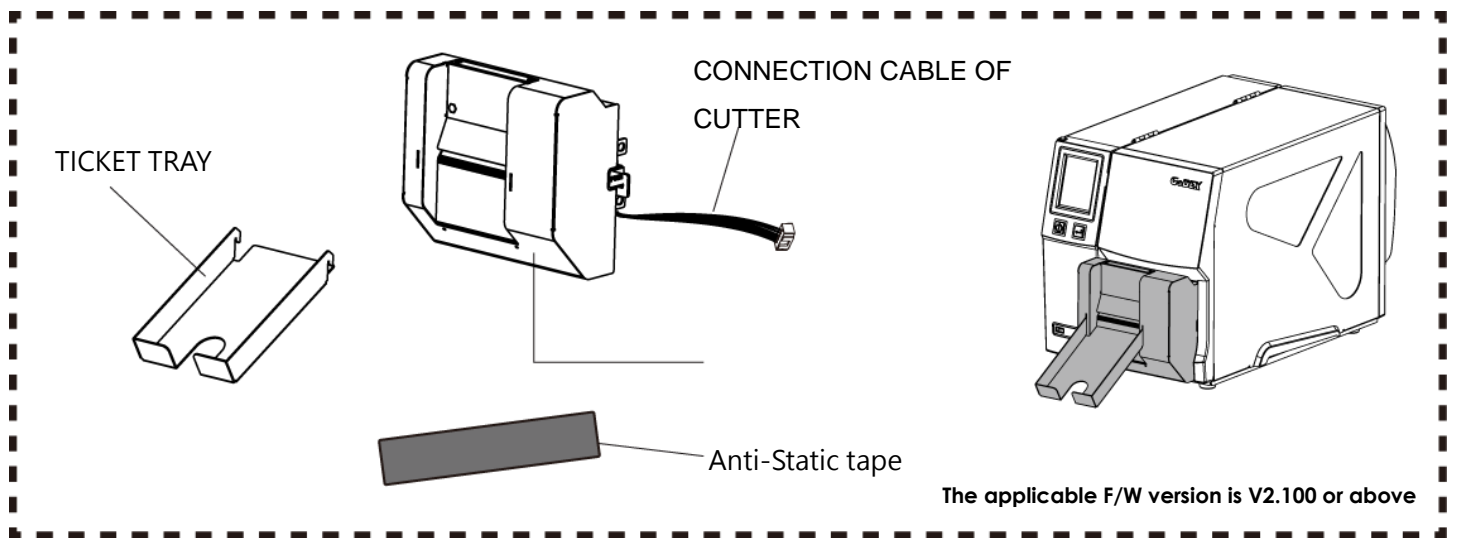
⑤
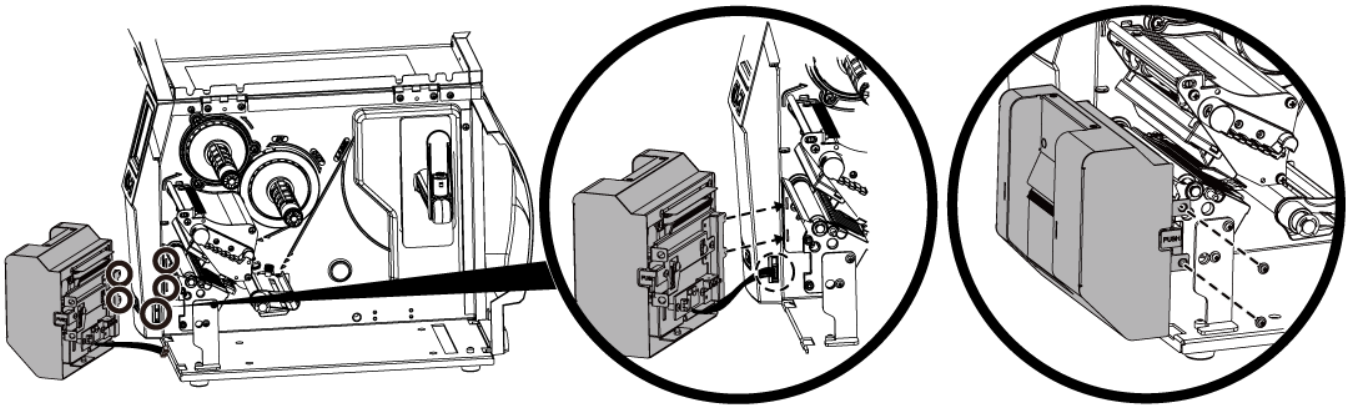
1. When installing the cutter, plug in the cable into the socket first, then insert the left side of the cutter into the mechanism fillister.(as shown in the picture)

2. Finally fix the cutter with screws(as shown in the picture)

⑥

1. Snap the ticket tray to the cover of cutter to complete the installation.

TICKET TRAY

CONNECTION CABLE OF CUTTER

Anti-Static tape

The applicable F/W version is V2.100 or above

Notification

*Power off the printer and remove the cable from the electric socket before installing the cutter module.

*Labels with adhesive glue are not applicable or otherwise could result in malfunction.

*Applicable label size is at maximum width of 75mm and minimum length of 30mm.

(Use the labels with over this range will be excluded from warranty terms)

*Stop position (E value) should be set to 46 through GoLabel before using the cutter.

*After the cutter is installed, please send the following commands through Golabel to activate the high-speed cutting function.

   ^XSETCUT,MODE,0,1 → enables high-speed cutting function

    ^XSET,SMARTBACK,1 → enables pre-print function

    ^D1,280   → enables cutter function

*The label width setting should be 6mm wider than the original design → For example: the actual paper width is 35, Command needs to set ^W41
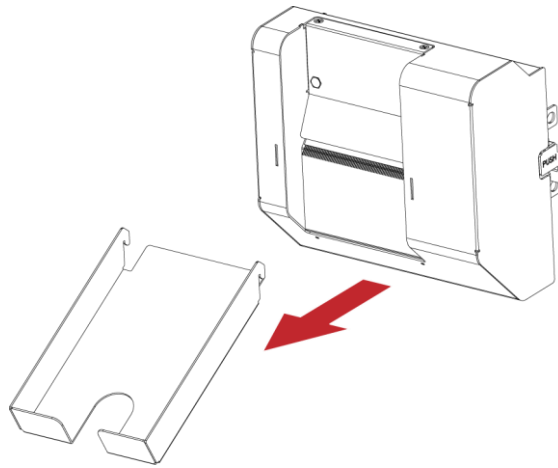
*The horizontal displacement needs to be set to 48

*Before using the High-Speed Cutter, the antistatic brush needed to be installed on the printing mechanism.
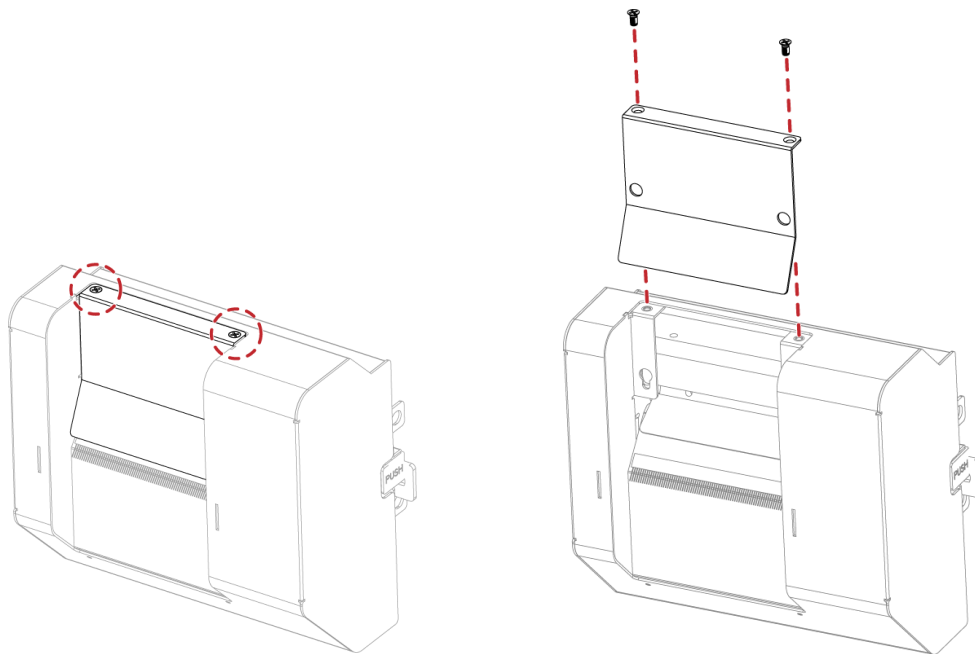

15±2 2±1

53
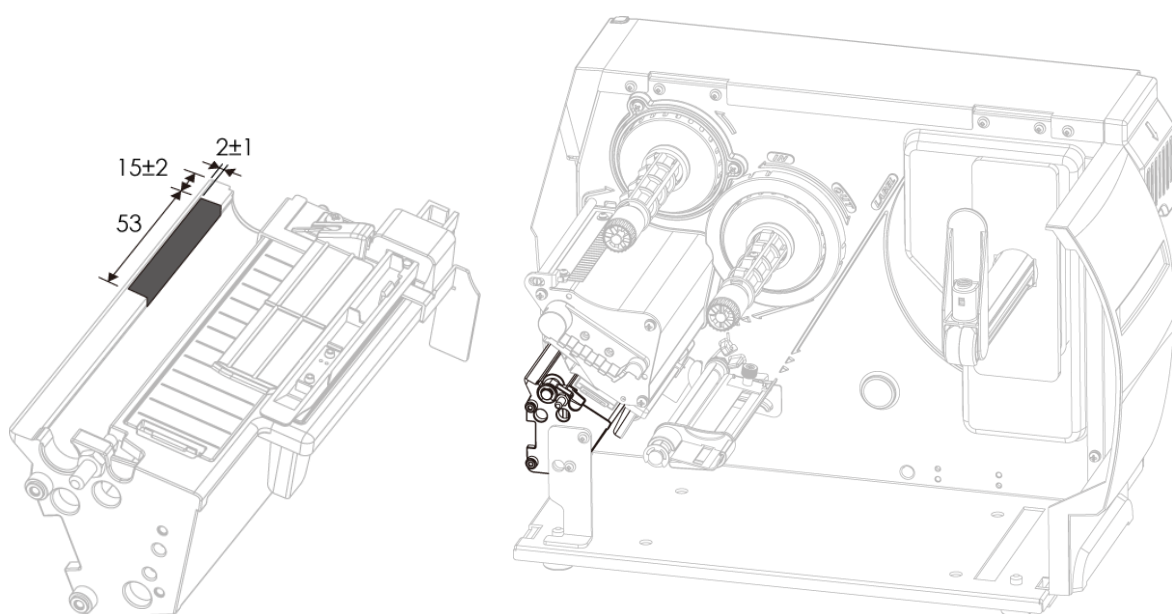
※Paste position of Anti-Static tape

Cleaning Method

1.Remove the ticket tray

2. Remove the screws and cover.

3. Wipe with a cotton swab or dry lint-free cloth