ARGOX

Empower the Barcode

OS serials ISBN Printer

OS-2130D/OS-2130DE

OS-241plus/OS-314plus

OS-214NU/OX-100/OX-120D

Manual Instruction

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Open the printer package

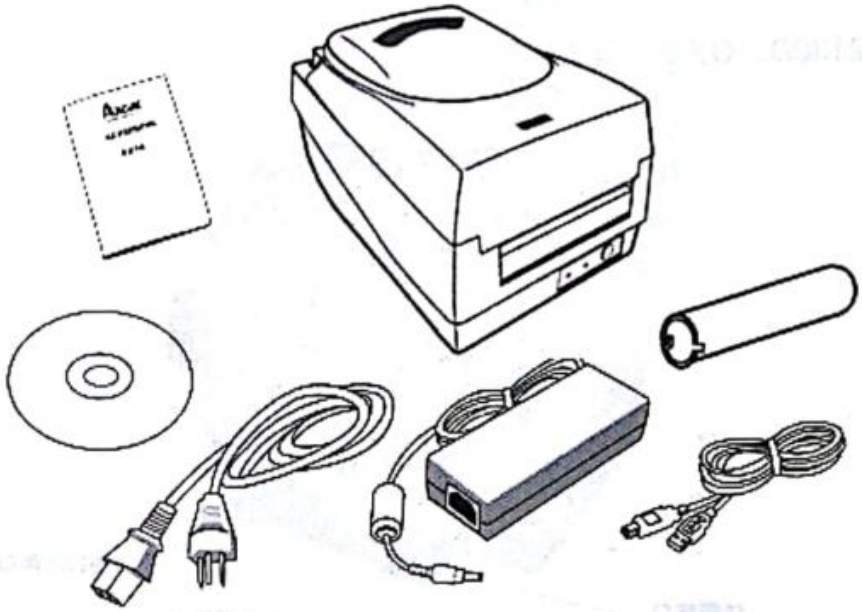
1, Open the top cover of the printer and check that all components are intact.

2, In addition to the printer, please also check if you have received the following accessories. If any items are missing, please contact your local dealer.

Package Contents

OS-2130D/OS-2130DE:

OS-214plus / OS-314plus / OS-214NU / OX-100 / OX-120D

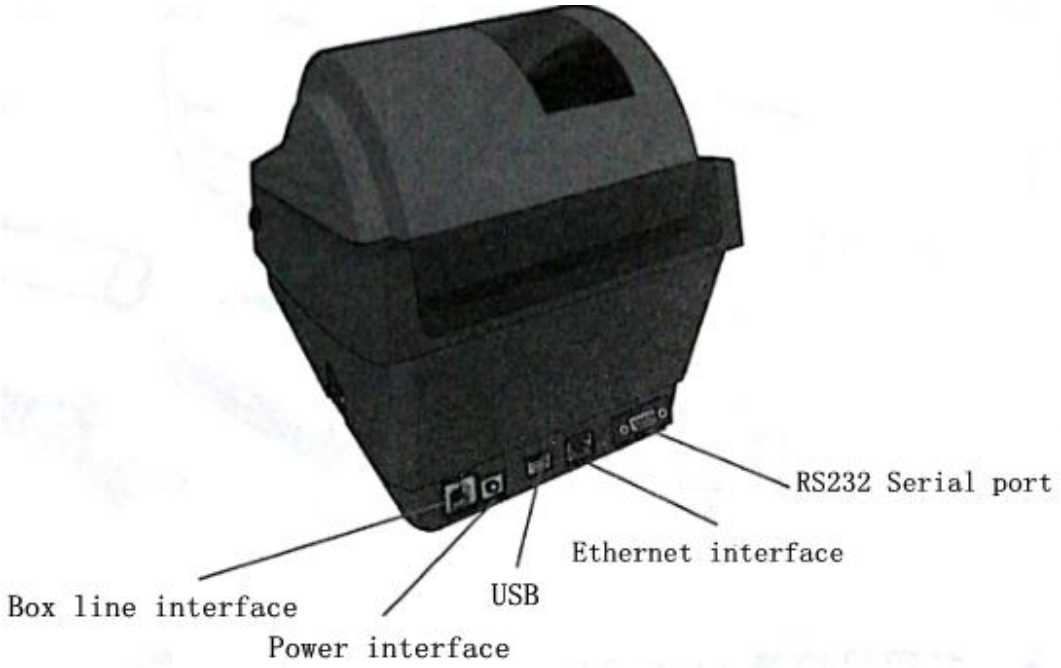


Printer construction：OS-2130D / OS-2130DE

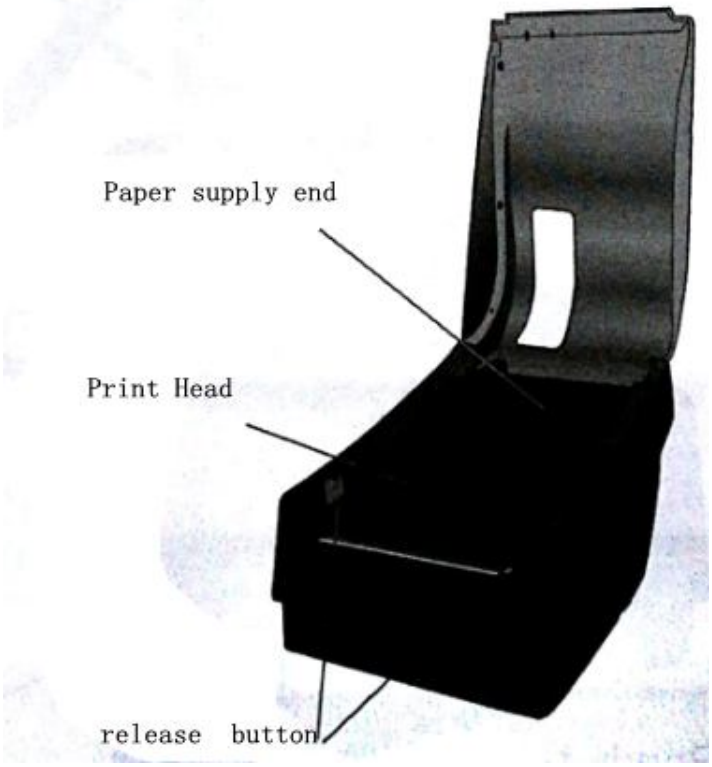
Front view

Back view

OS-2130D / OS-2130DE:



Internal view I:



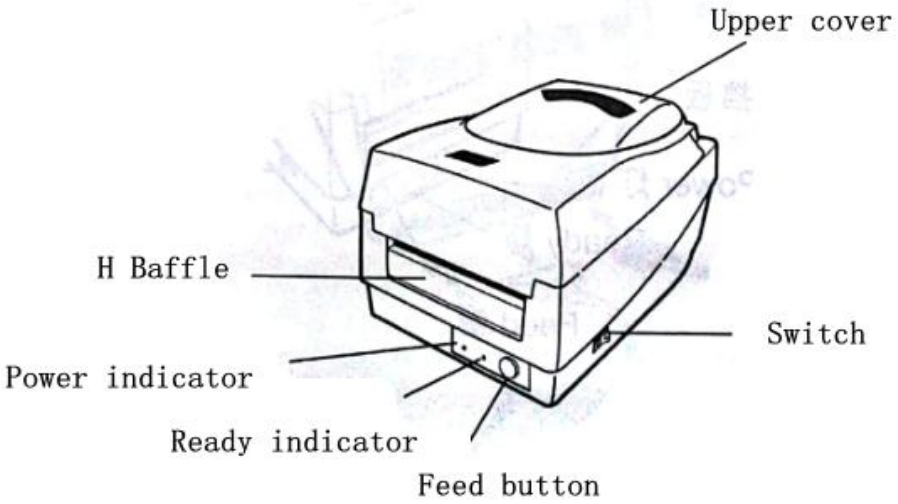
Internal view II

Printer construction

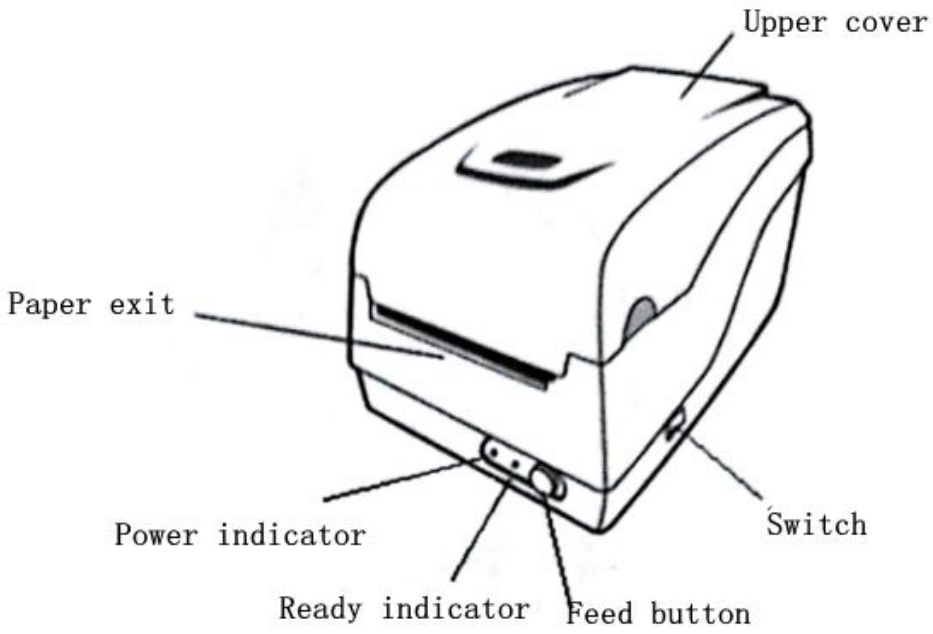
OS-214 plus/OS-314plus/OS-214NU/OX-100/OX-120D

Front view

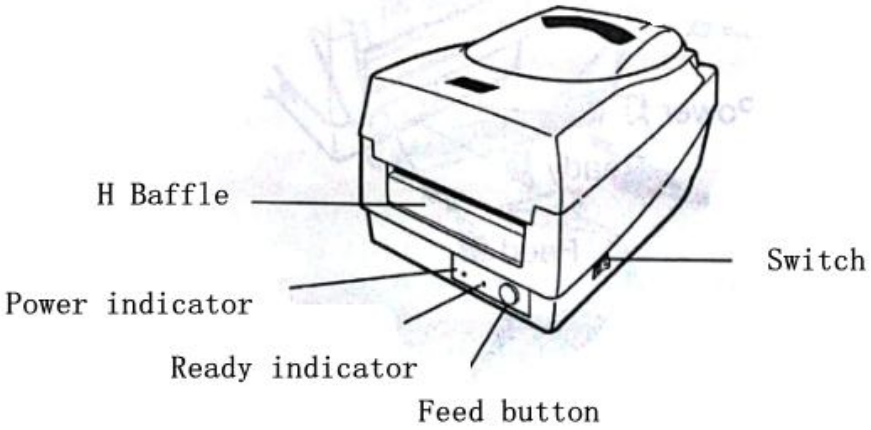
OS-214plus/OX-120D



OS-314plus / OX-100

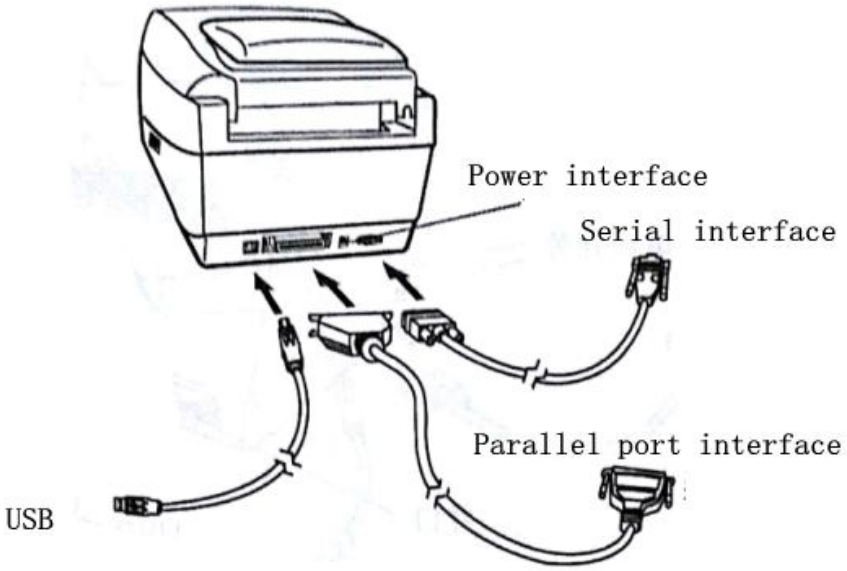


OS-214NU

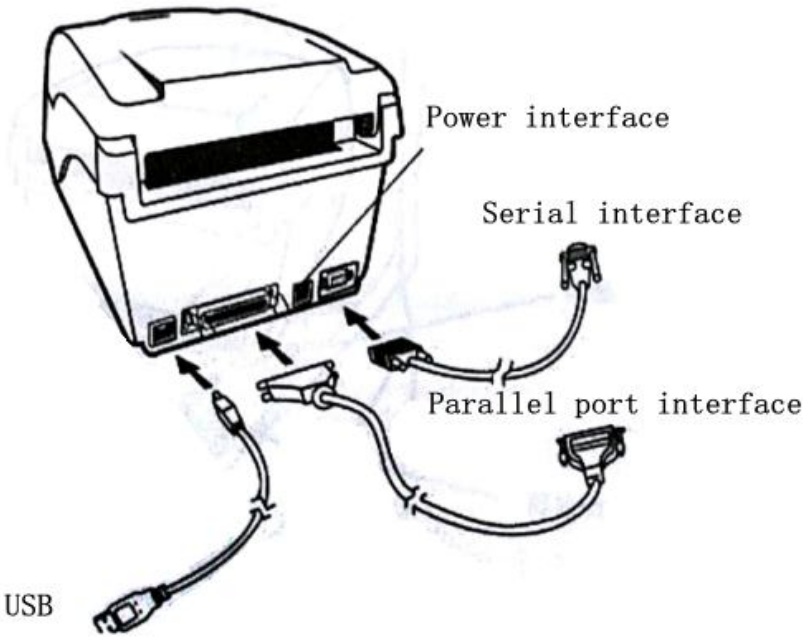


Back view

OS-214Plus



OS-314Plus



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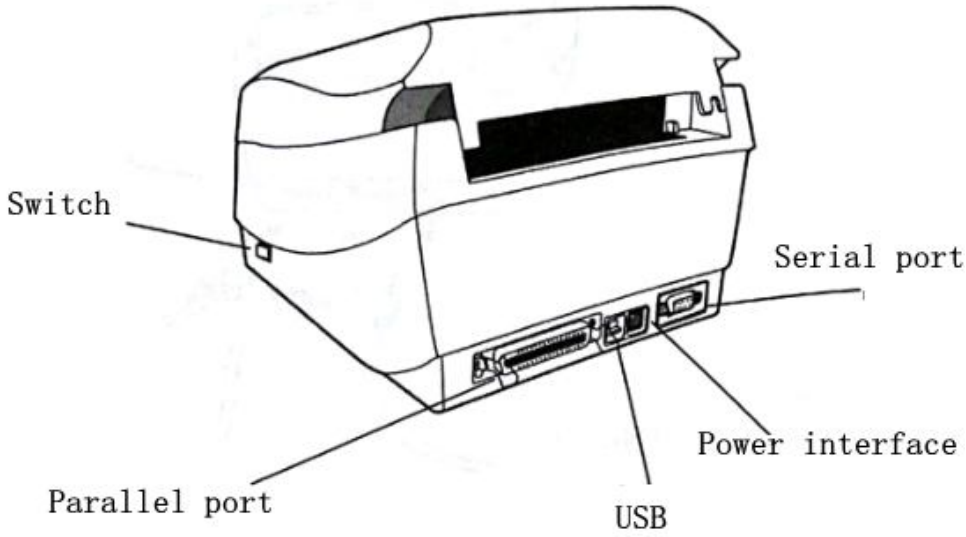
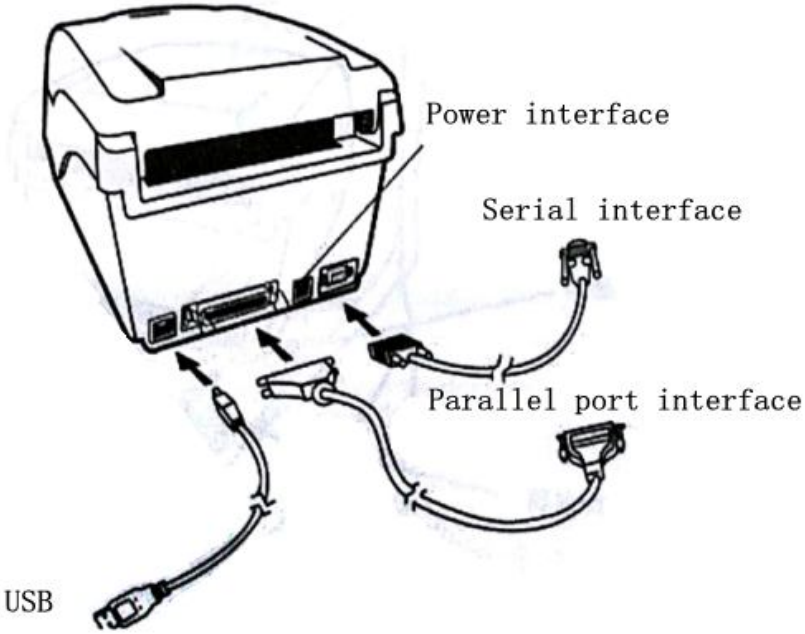
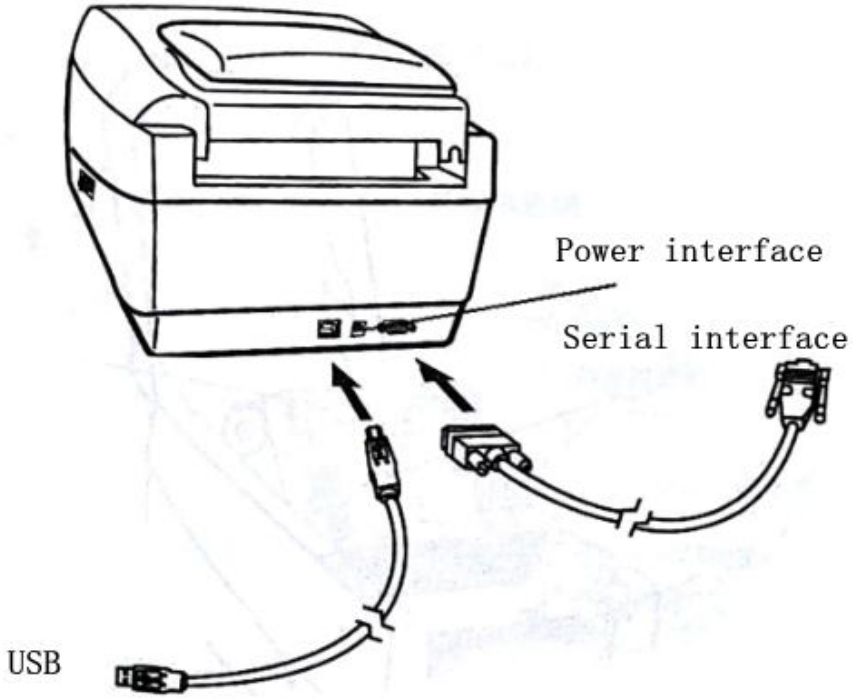


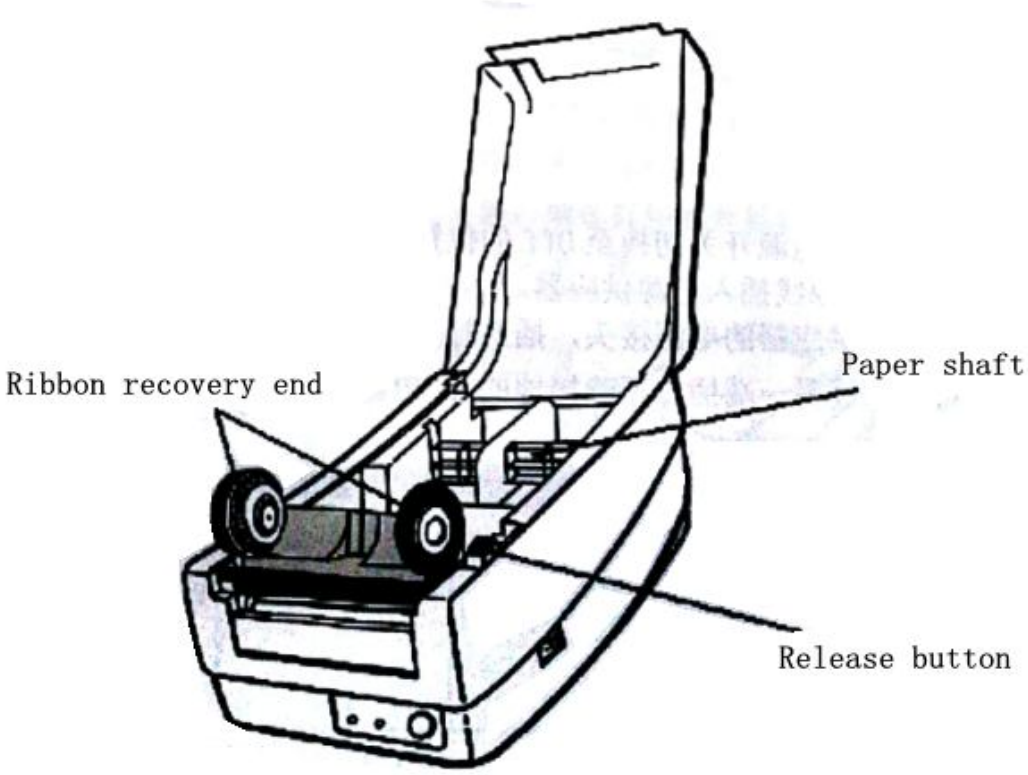
OX-100



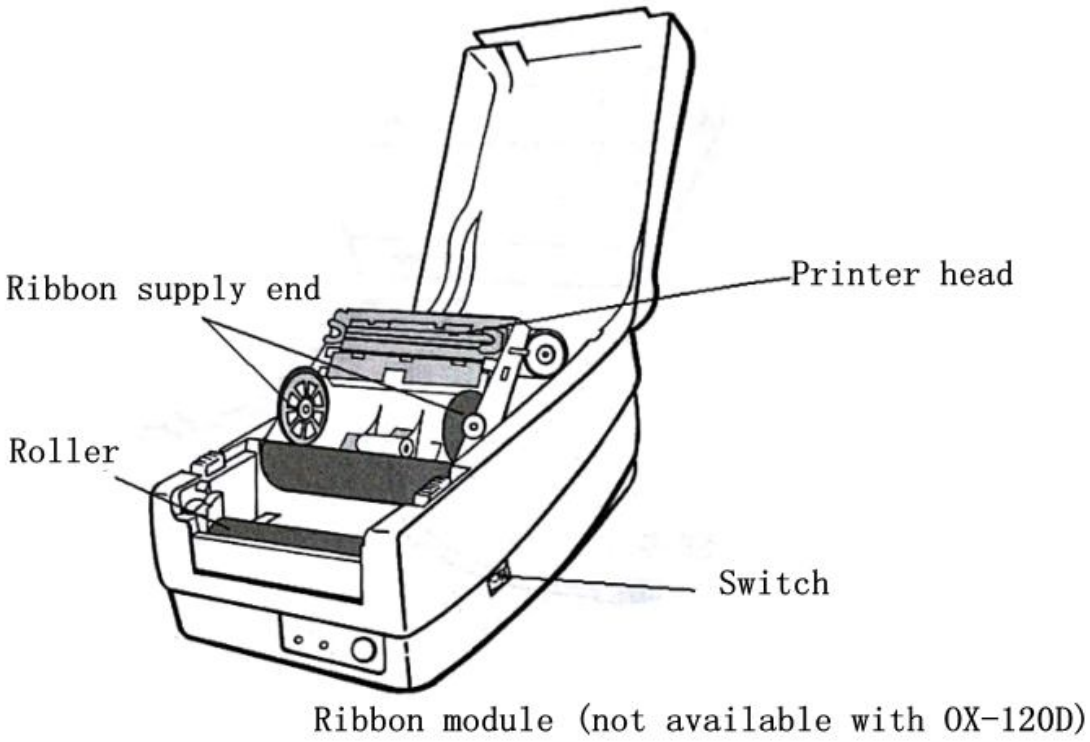
OX-120D



Internal view I



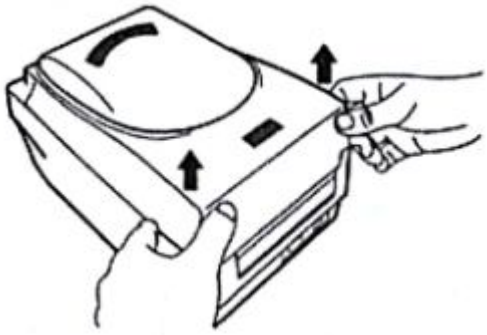
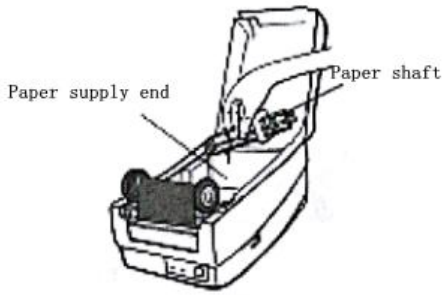
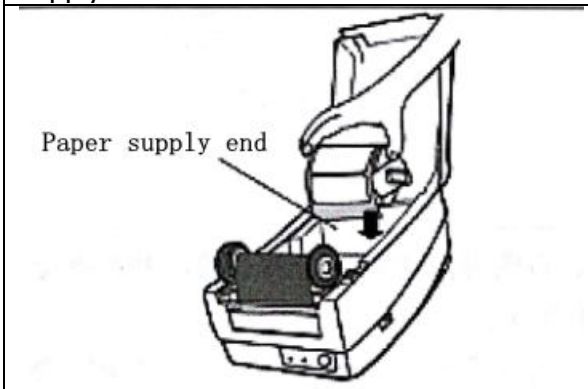
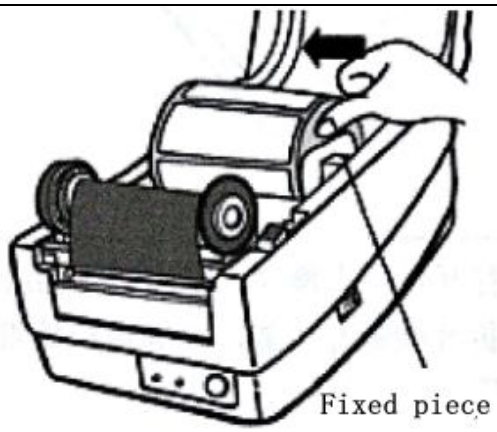
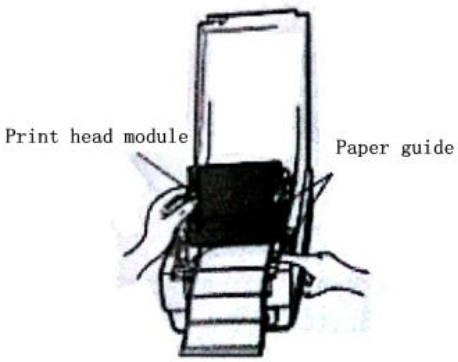
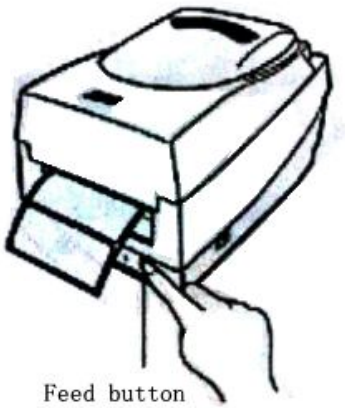
Internal view II



Connect the power supply

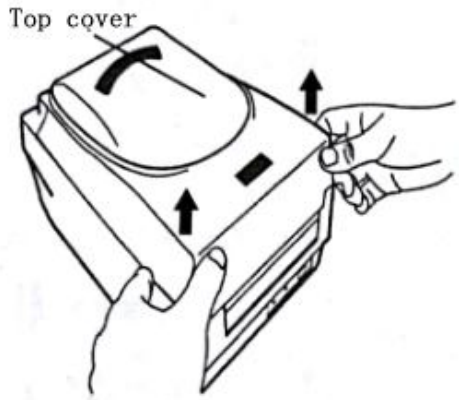
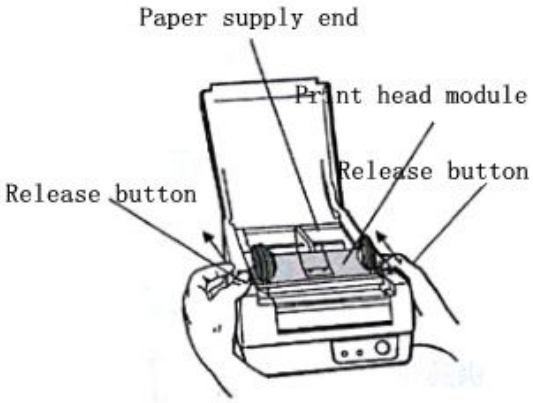
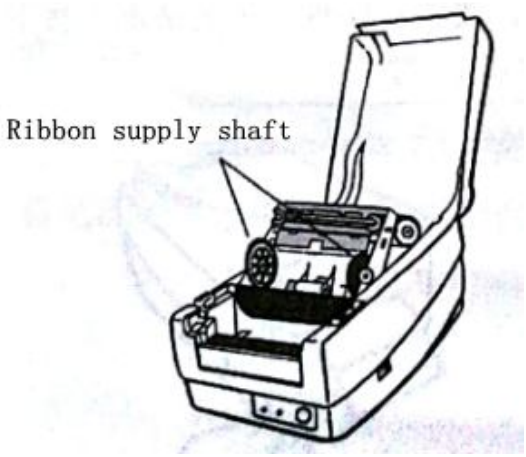
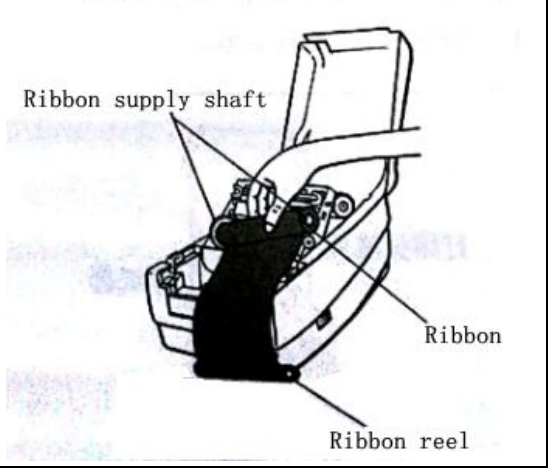
1. Be sure to switch the power switch to the off position (down) to perform the following operations.
2. Plug the AC power cord into the power supply.
3. Plug the power supply's power connector into the printer's power connection slot.
4. Plug the other end of the power cord into a properly connected AC outlet.

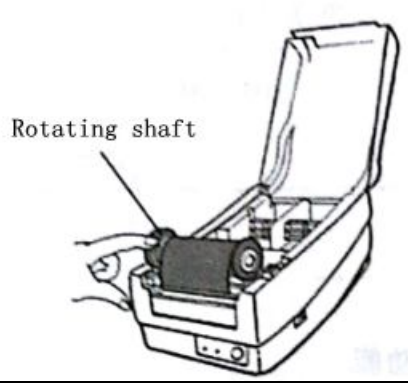
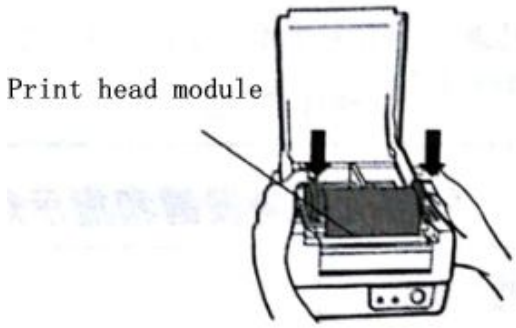
Installation paper roll

<table>
<tr><td>1, Open the top cover to expose the roll paper supply end</td><td>2, Remove the paper shaft</td></tr>
<tr><td>  </td><td> 
</td></tr>
<tr><td>3, Load the paper roll from left to right into the paper shaft.
4, Re-clamp the paper shaft into the paper supply end.</td><td>5, Lay the paper roll to the left.
6, Move the tabs from left to right to close the paper.</td></tr>
<tr><td> 
</td><td> 
</td></tr>
<tr><td>7, Open the printhead module and let the paper pass underneath the module. Use the other hand to pull the paper through the paper guide.
8, Place the paper above the roller.</td><td>9, Place the printhead module down, knowing to make a click, close the top cover, and turn on the printer, or press the feed button with the printer turned on.</td></tr>
<tr><td> 
</td><td> 
</td></tr>
</table>

Mounting ribbon

Note: This section is not suitable for OS-2130D, OS-2130DE, OX-120D and thermal mode printing modules.

1，Open the top cover to expose the paper supply end.	2，Open the print head module by pressing the two white release latches on the rear sides.
	
3，Open the print head module to expose the ribbon supply end. 4，pack the ribbon roll and separate the ribbon from the ribbon roll.	5，Attach the leading edge of the ribbon to the ribbon roll and roll a portion of the ribbon onto the roll. 6，Insert the ribbon into the supply shaft. (first snap to the left and then snap to the right)
	

7，Place the print head module and insert the ribbon roll into the recovery shaft. (first snap to the left and then snap to the right) 8，Rotate the shaft of the print head module to tighten the ribbon.	9，Make sure the printhead module is depressed until it clicks.
	

Printer operation

Print paper correction and settings

1,Turn off the printer, load the paper roll, and close the printer cover.

2, Turn the power on and hold down the feed button until the printer motor starts.

3, The printer will perform the correction after a certain length of the automatic paper feed label, then the print motor will pause for one second and then print out the configuration profile. When the printer starts printing, immediately release the feed button.

Note: If the printer uses the Argox PPLB printer language, the printer enters the dump mode after printing the configuration label. In the dump mode, all characters are printed in 2 columns. The right column shows the characters received from the system, and the left column shows the hexadecimal value corresponding to the characters. Users or engineers can use this information to verify and debug programs. To return to normal operation mode from dump mode, click the feed button again. Another way is to turn off the printer and restart the printer.

● Reset printer to defaults

1, Turn on the printer and wait for more than 5 seconds.

2, Press the (Feed) button for about 10 seconds, wait for the (Power) light and (Ready) light turned off.

3, When the (Power) light is on again, release the Feed button.

4, The (Ready) light will then light up. At this point, the printer restores the factory defaults.

Note: The printer's factory defaults are stored in the printer's memory, and these settings are retained and will not be erased, even if the printer is interrupted.

● Printer control buttons and indicators

control buttons /indicators	**Features**
Switch	● On: Start normal operation (position of 【I】) ● Off: Turn off the power (position of 【0】) NOTE: Turn off the power before connecting or unplugging the transmission line.
Power light	● Off: The printer is off. ● Green: The printer is turned on. ● The indicator light will also flash when it is detected (the paper roll is used up) and (the label interval is not captured). ● When the printer cut mode is enabled, the Power light will flash if a knife jam or a cutter is not installed. ● When the RS-232 serial communication error is detected, the Power light will flash.

Ready light	● The Ready light will flash when the printer is turned on. When using an Ethernet model, the Ready light will flash for a few seconds until the Ethernet card is ready. ● Once the printer receives data from the host computer, the Ready light will begin to flash. ● The Ready light will flash when the print job is paused. ● The Ready light will also flash when it is detected (the paper roll is used up), (the label interval is not captured). ● The Ready light will flash when the print head module is turned on. **Note:** If the print head is overheated, the thermal protection function of the printer will start and the READY light will flash, indicating that the printer has entered the pause mode. Wait for the print head to cool. The previously transferred print job will continue automatically at a later time.
Feed button	● Press this button to feed the label paper to the first print position. ● Pressing this button while printing, then printer pause. ● Press and hold this button while the power is on to perform paper correction and print the configuration profile. ● Solve (paper roll out) error, press this button to resume printing.

Troubleshoot with indicator lights and buzzer indication diagnostics.

LED indicator: Power and Ready lights flash at the same frequency

Power light	Ready light
Light up	Light up
Extinguished	Extinguished

Possible problem	Solution	Note
Paper sensor cannot detect label interval	●Check label path ●Check the label sensor	If you use a continuous label roll, set (continuous paper) printing in the driver settings or commands.
Run out of paper	Install a new label roll	
Paper jam	Remove jam	

LED light: The power and confirmation indicators flash alternately (thermal printers are not available)

Power light	Ready light
Light up	Extinguished
Extinguished	Light up

Possible problem	Solution	Note
Running out of ribbon	Replace the ribbon	Not available in thermal print mode
Ribbon jam	Clean jam	
Ribbon sensor error	Replace ribbon sensor	

Led light: only Power light flash

Power light	Ready light
Light on	Light on
Extinguished	Light on

Possible problem	Solution	Note
Serial communication output error	Check the serial port transfer rate on the system and printer.	Only for serial ports
The cutter is faulty or jammed inside the cutter.	Check the cutter or remove the jammed paper.	Only applicable when entering the cut mode.
Other possible hardware errors.	Please contact your dealer for further assistance.	

LED light: Only Ready light flash

Power light	Ready light
Light on	Light on
Light on	Extinguished

Possible problem	Solution
Print head needs to be cooled	The print program will stop until the print head cools down to the normal print temperature.
The printer enters (pauses) state.	Press Feed button, printing continues.
The printer is receiving data	After receiving all the data, the Ready light will remain green and automatically continue to operate normally.

OS-2130D, OS-2130DE Printer has a status monitoring function that displays status and error messages through the front panel indicators and the alert buzzer.

Situation	Buzzer warning	LED light	Description
Running out of paper	YES	Ready light Power light	●The two indicators flash simultaneously. ●The paper roll is not installed or used up. ●The printer does not detect the paper interval.
Cutter failure	YES	Power light	The cutter is faulty, or the cutter is jammed.
Memory is full	YES	Power light	The loaded software font, graphic or form causes the printer buffer to be full. Please check the format of these data or call the customer service center.

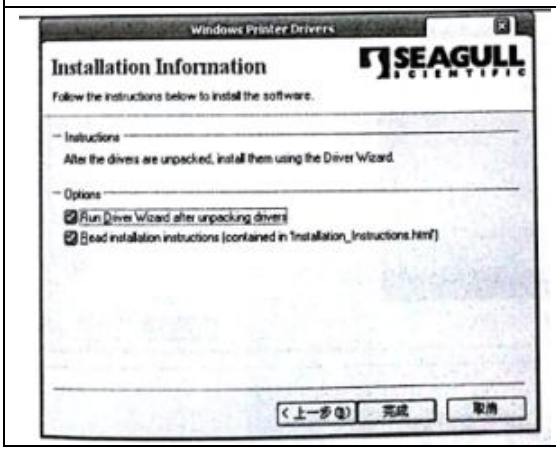
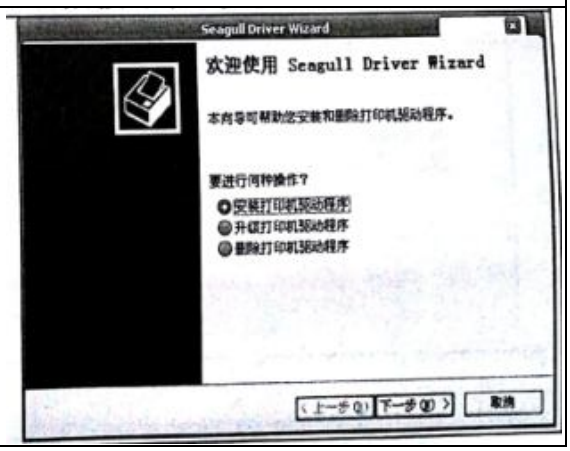
Note:

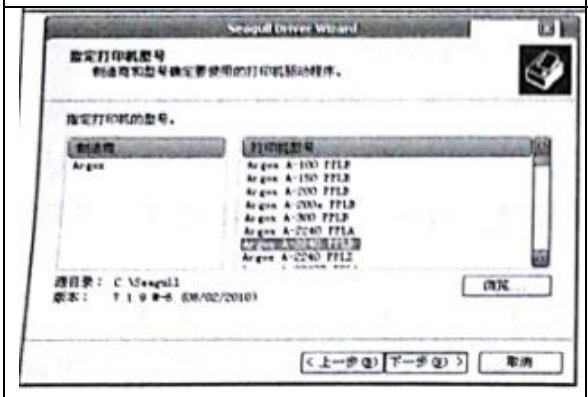
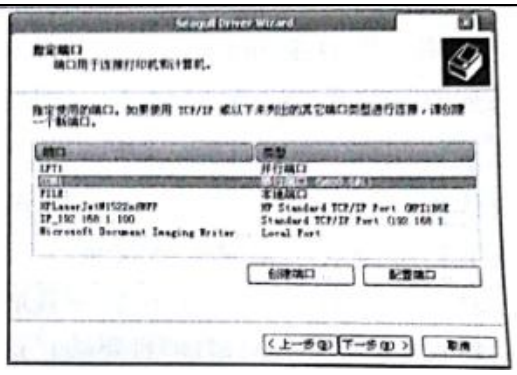
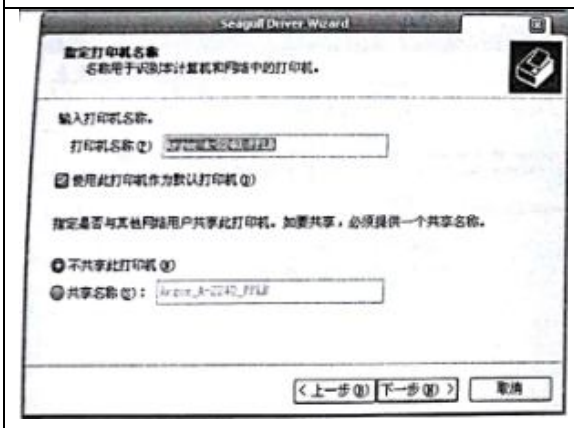
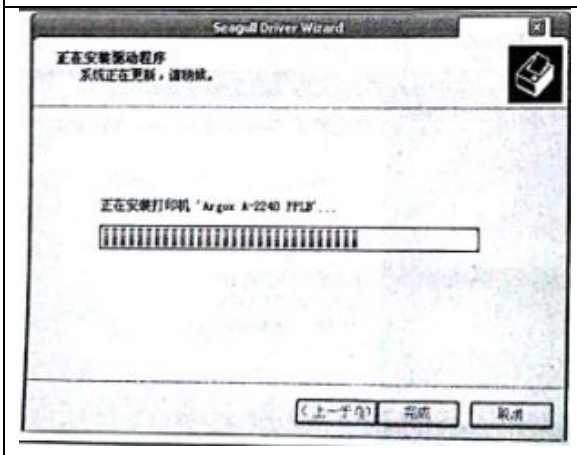
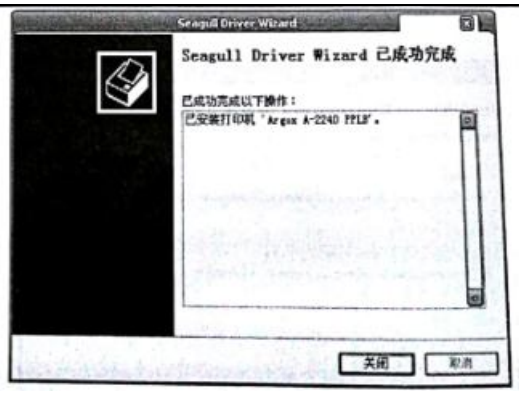
The printer utility can disable the buzzer alert function.

● Printer communication

Turn off the printer first. Plug the power cord into the outlet and connect the other end to the printer's power outlet. Connect the USB cable (or other transmission cable) to the printer and PC.

Turn on the printer. If the printer supports Plug and Play and you have connected the printer using a USB cable, the WINDOWS New Hardware Wizard automatically detects the printer and displays a dialog for you to install the driver. **Please press Cancel, do not install the driver through this wizard, and then follow the steps below to complete the driver installation.**

<table>
<tr><td>1, Please go to the download center of the official website to download the latest version (SEAGULL printer driver). After the download is complete, double-click the driver to install it. When prompted by the Windows Printer Driver, select (I accept) and press (Next).</td><td>2, Specify the installation directory of the Seagull driver (for example: C\Seagull), then press (Next)</td></tr>
<tr><td>
</td><td>
</td></tr>
<tr><td>3,Click (Complete)</td><td>4, Select (Install Printer Driver) and press (Next)</td></tr>
<tr><td> 
</td><td> 
</td></tr>
</table>

5, Select model and instruction set - The following example is based on A-2240 PPLB.	6, Select the printer's connection port and press (Next)
	
7, Enter the printer name (for example: ArgoxA-2240 PPLB), then select (do not share this printer), then press (Next)	8, Check all the data on the display. If the data is correct, click (End).
	
9, After copying the relevant files to the system, click Finish.	10, After the driver installation is complete, click (Close) and the driver should be installed.