Linerless Barcode Printer

Linerless Series

Direct Thermal

Series Models

Alpha-2R/ Alpha-30R/ Alpha-30L/ Alpha-40L Series

DA210/ DA220 / DH240/ DH220 Series

MB240 Series



Linerless Cleaning Kit User Manual

www.tscprinters.com

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1 Introduction

Thank you very much for purchasing TSC linerless barcode printer.
This manual presents how to care for the linerless printer and the related maintenance procedures to ensure the quality of prints.

- **For Cleaning**

  Depending on the media used, the printer may accumulate residues (media dust, adhesives, etc.) as a by-product of normal printing. To maintain the best printing quality, you should remove these residues by cleaning the printer periodically. Regularly clean the print head and supply sensors once change a new media to keep the printer at the optimized performance and extend printer life.

- **For Disinfecting**

  Sanitize your printer to protect yourself and others and can help prevent the spread of viruses.

- **Important**
  - Set the printer power switch to O (Off) prior to performing any cleaning or disinfecting tasks. Leave the power cord connected to keep the printer grounded and to reduce the risk of electrostatic damage.
  - Do not wear rings or other metallic objects while cleaning any interior area of the printer.
  - Use only the cleaning agents recommended in this document. Use of other agents may damage the printer and void its warranty.
  - Do not spray or drip liquid cleaning solutions directly into the printer. Apply the solution on a clean lint-free cloth and then apply the dampened cloth to the printer.
  - Do not use canned air in the interior of the printer as it can blow dust and debris onto sensors and other critical components.
  - Only use a vacuum cleaner with a nozzle and hose that are conductive and grounded to drain off static build up.
  - All reference in these procedures for use of isopropyl alcohol requires that a 99% or greater isopropyl alcohol content be used to reduce the risk of moisture corrosion to the printhead.
  - Do not touch printhead by hand. If you touch it careless, please use 99% Isopropyl alcohol to clean it.
  - Always taking personal precaution when using any cleaning agent.

2 Linerless Cleaning Kit

It is recommended that the cleaning supplies listed be used. Using unapproved cotton swabs, solvent, tools, etc. may damage the cutter blade or other printing mechanism of the printer.

Important: Always taking personal precaution when using any cleaning agent. Protective gloves are recommended.



1. * Cleaning solution for linerless printing
2. Printhead cleaning pen (or 99% Isopropyl alcohol)
3. Sponge foam swab
4. Lint-free cloth

* Cleaning solution instructions:

- Siloxanes and silicones, dimethyl；CASRN: 63148-62-9；Contains no hazardous ingredients according to GHS.
- Storage temperature: -30~ 60°C
- Notes:
  - Skin contact:
    Wash off with plenty of water. Prolonged skin contact is unlikely to result in absorption of harmful amounts.
  - Inhalation:
    Move person to fresh air and keep comfortable for breathing; consult a physician.
  - Eye contact:
    Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
  - Ingestion:
    Rinse mouth with water. No emergency medical treatment necessary.
  - Environmental precautions:
    Discharge into the environment must be avoided. Local authorities should be advised if significant spillages cannot be contained.
  - Methods and materials for containment and cleaning up:
    Soak up with inert absorbent material. If dyked material can be pumped, store recovered material in appropriate container.
  - Precautions for safe handling:
    Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all (M)SDS and label warnings even after container is emptied. Use only with adequate ventilation.
  - Conditions for safe storage:
    Keep in properly labelled containers. Store in accordance with the particular national regulations. Do not store with the following product types: Strong oxidizing agents.

3 Cleaning the Component of the Printer

3.1 Before You Begin

WARNING:

To avoid the risk of personal injury from electrical shock, before performing any replacement procedures, unplug the power cord (or battery) from the printer (or power outlet) to ensure that power is removed.

To prepare the printer for the replacement or installation:

1. Protect yourself from ESD and wear protective gloves.
2. Place the printer on a flat surface.
3. Set the printer's power switch to the O (Off) position.
4. Remove the power adapter (printer battery) from the printer or unplug the power cord from the AC power outlet.
5. Disconnect interface cable from the printer.
6. Remove the media from the printer.
7. Read through the maintenance procedures.

Note:

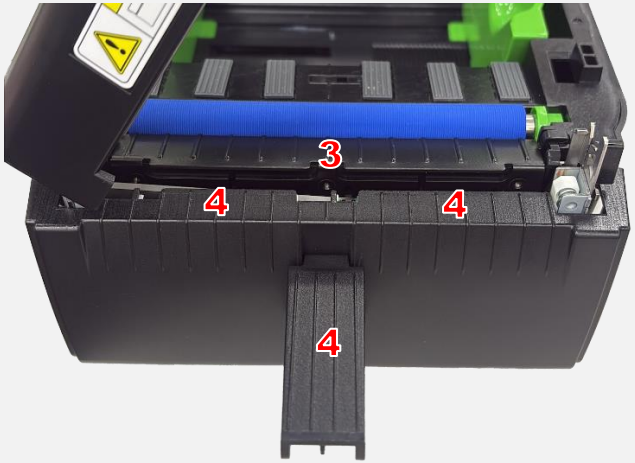
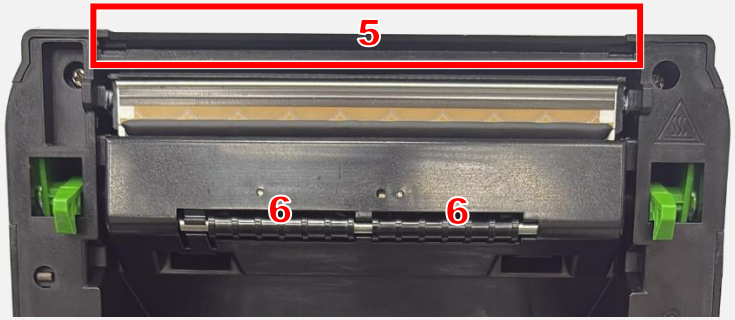
Please follow the cleaning recommendations regularly. If there is any adhesive residue, please make sure that the cleaning action removes all the foreign matter and does not accumulate to ensure the smooth operation in the future.

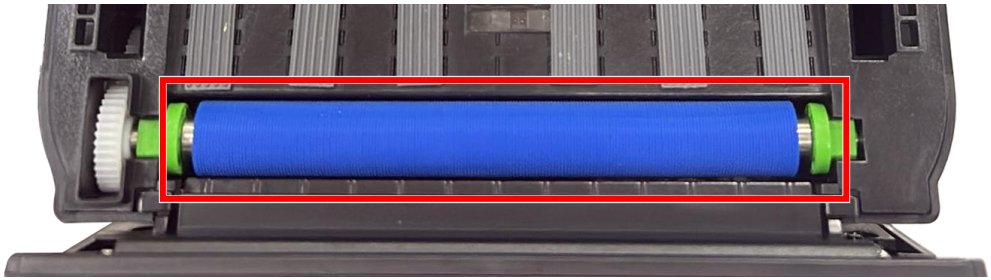
3.2 DA Series Printer

Depending on the media used, the printer may accumulate residues (media dust, adhesives, etc.) as a by-product of normal printing. To maintain the best printing quality, you should remove these residues by cleaning the printer periodically. Regularly clean the printhead and supply sensors once change a new media to keep the printer at the optimized performance and extend printer life.
For enhanced linerless cutter model, you can refer to DA220 Series: How To Clean Your Enhanced Linerless Cutter Printer video on TSC YouTube.

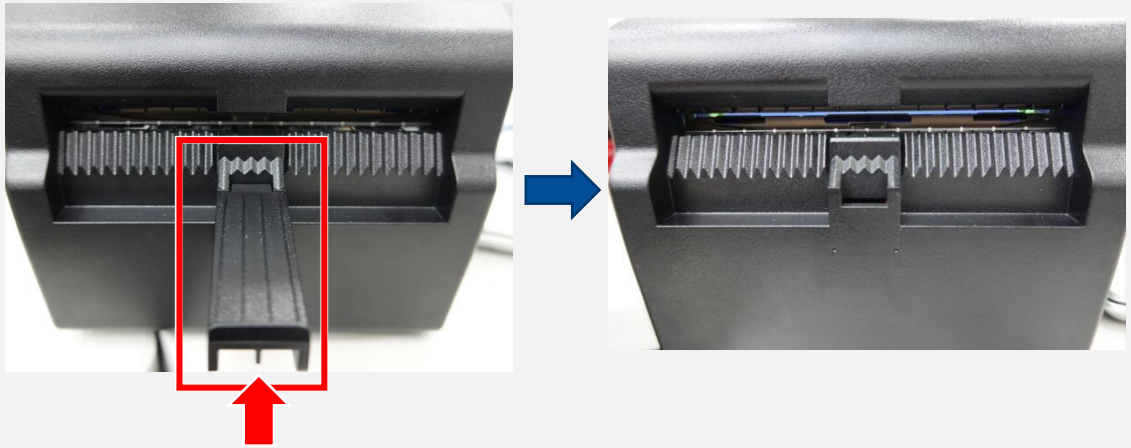
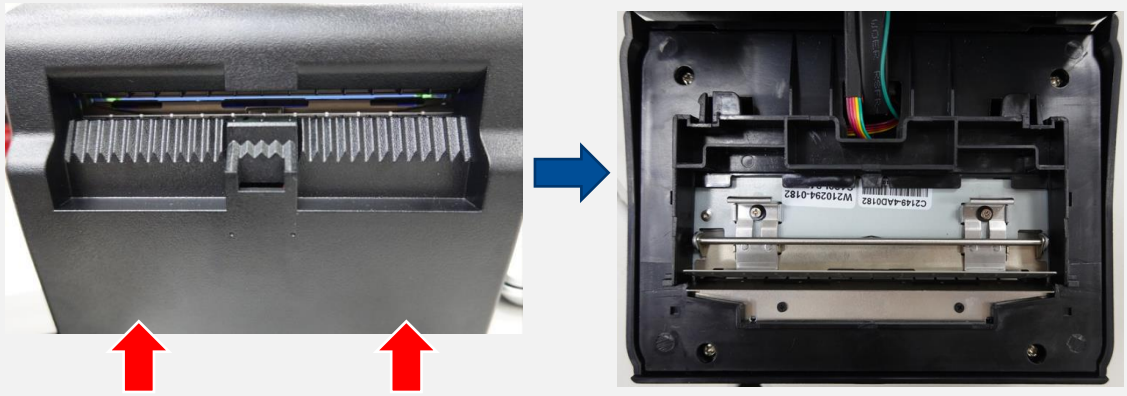
3.2.1 Printer Cleaning Process

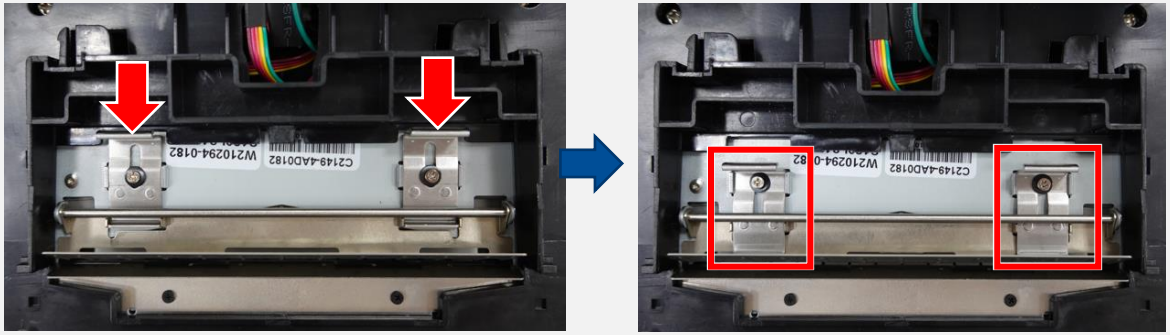
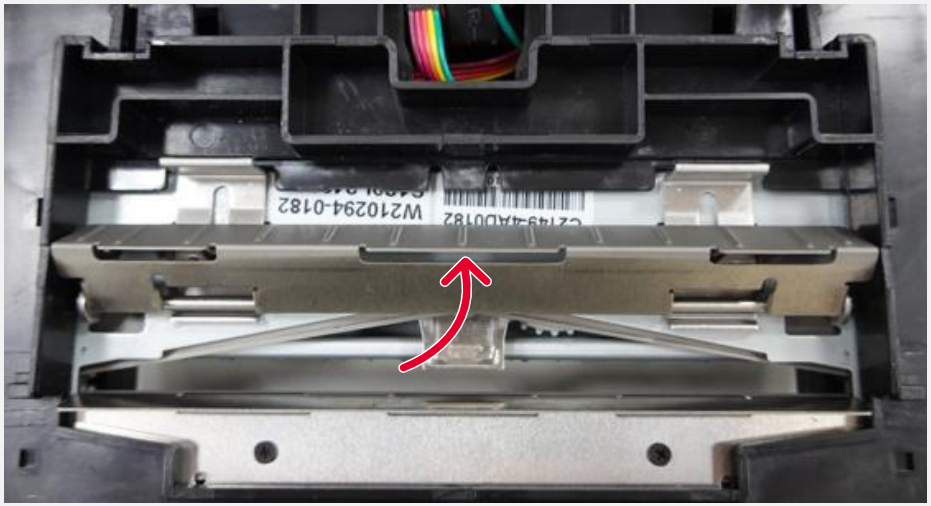
Printer Part	Method	Interval
Interior/Exterior	1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the printer cover. Separate the media holders and press the lock to keep the holders open. 3. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then remove the adhesive, particles, and dust that build up on the (1) media holders, (2) anti-sticky rubbers, (3) flat area on the front panel, (4) flat area on the cutter module or tear-off module, (5) tear edge, and (6) cover under the printhead. **Note: Do not use cleaning solution to clean the printhead.** 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

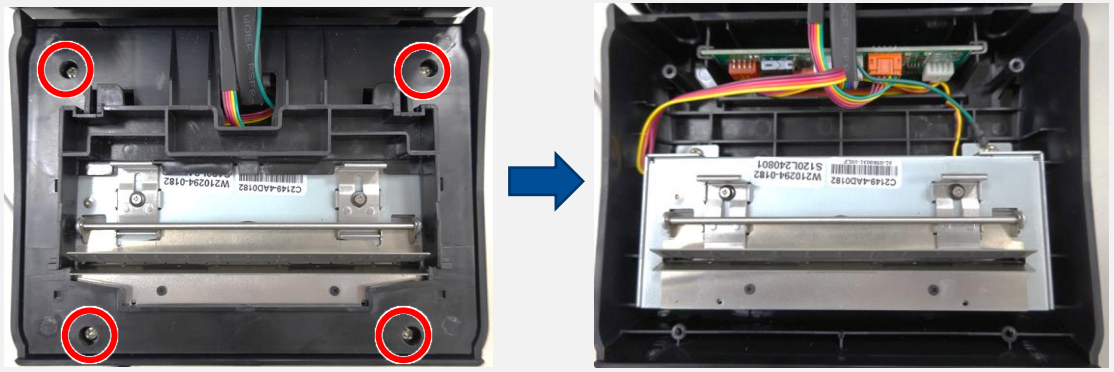
Printer Part	Method	Interval
	 **Note: For enhanced linerless cutter, open the upper bar of the cutter to clean the (3) and (4).**  	

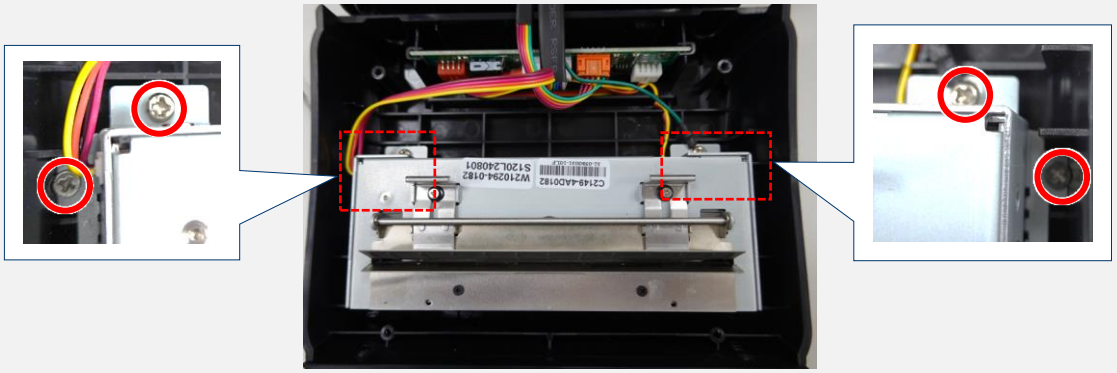
Printer Part	Method	Interval
Linerless Platen Roller	1. Turn off the printer. 2. Open the printer cover. 3. Apply some cleaning solution on a lint-free cloth and then wipe off the adhesive, particles, and dust that build up on the platen roller. Rotate the platen roller to make sure the platen roller is entirely cleaned.  **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage.
Printhead	1. Turn off the printer. 2. Open the printer cover. 3. Wait until the printhead cools down. It takes at least one minute. 4. Use the cleaning pen in the linerless cleaning kit (or 99% Isopropyl alcohol) to clean the surface of the print head.  **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage.

3.2.2 Linerless Cutter Cleaning Process

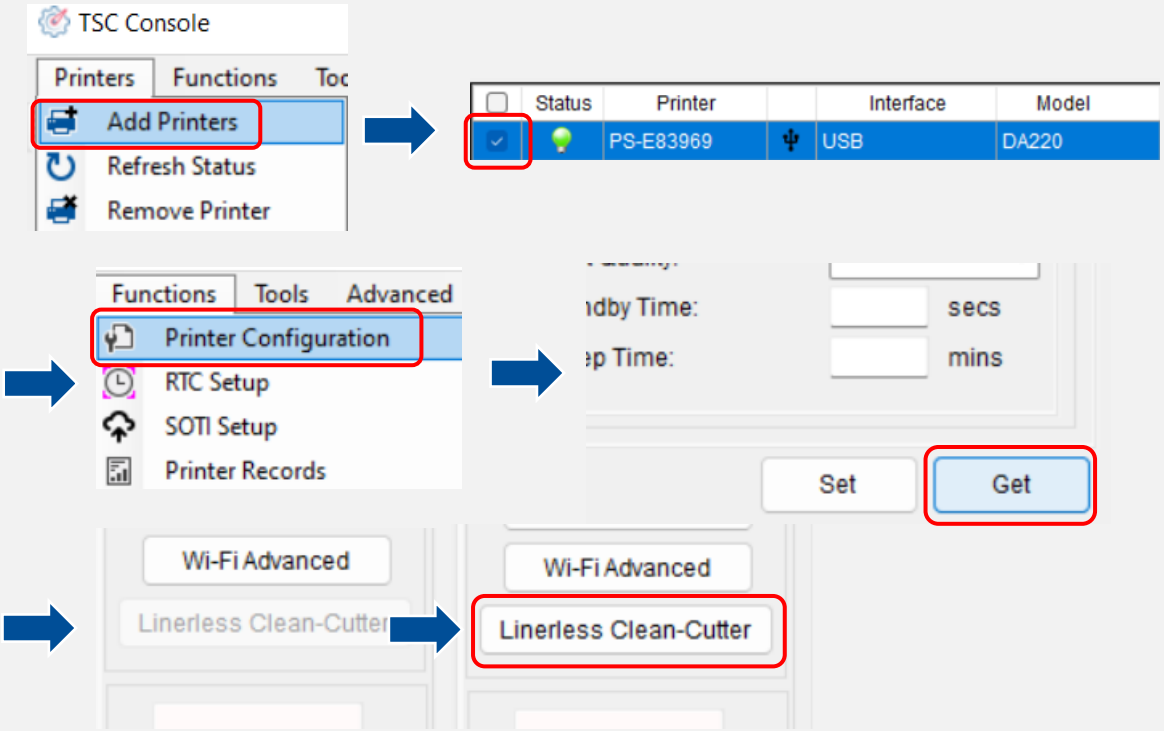
Method	Interval
1. Turn **OFF** the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the printer cover. 3. Remove the linerless cutter tray in the front of module.  4. Uninstall the linerless cutter module. 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

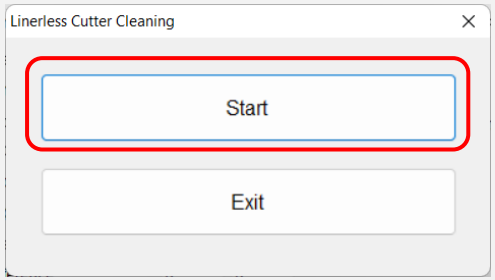
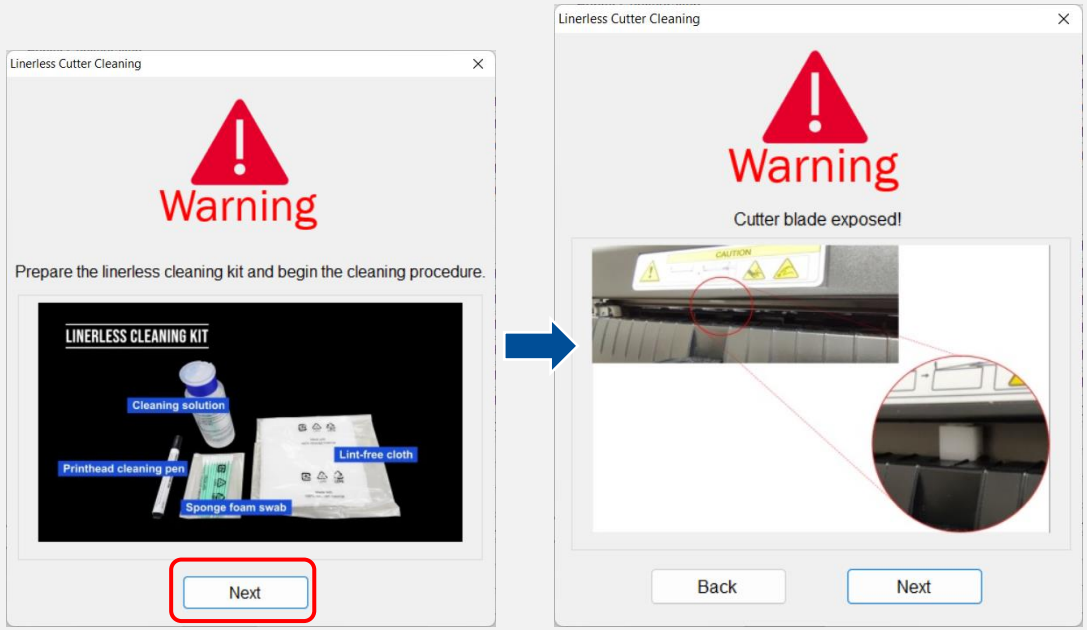
Method	Interval
5. Turn on the switch on the inside of the linerless cutter in the direction of the drawing.  Turn the linerless cutter guide over to expose the blade. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then clean the cutter blade. **WARNING:** **When cleaning the blade, it is important that you keep your hands away from the gate in order to avoid injury to personnel.** 	

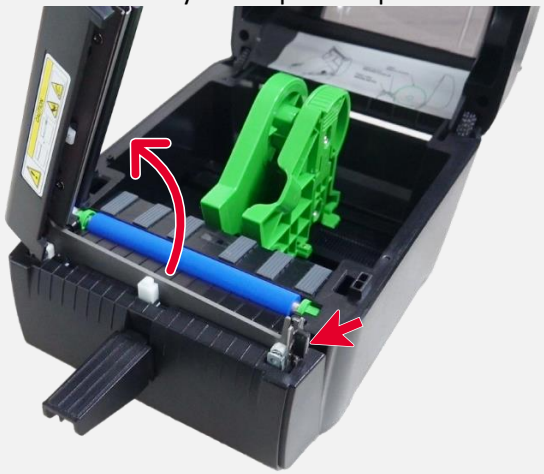
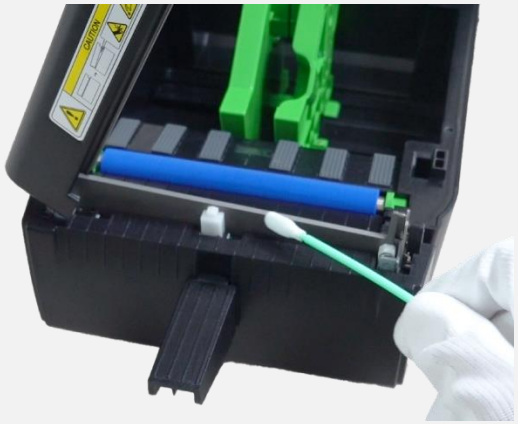
Method	Interval
6. Wipe off the adhesive, particles, or dust from the cutter blade and cutter gate. **CAUTION:** **Do not use stain remover, alcohol, or any aggressive solvents to wipe off stained residue adhering to the surface of the removable blade, or scrape with sharp tools.**  ■ **The following cleaning procedures should only be performed if you have been fully educated and trained.** 7. Remove the four screws and open the inner cover of the cutter. 	

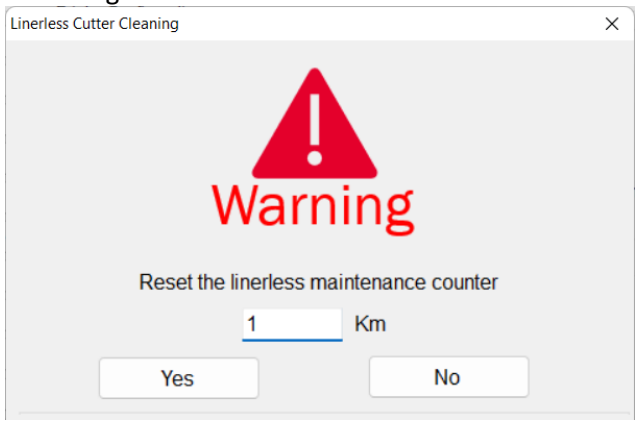
Method	Interval
8. Remove the four screws to release the cutter.  9. Rotate the screw as follows to move the blade to clean more of the cutter area. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then clean the cutter blade.   	

3.2.3 Enhanced Linerless Cutter Cleaning Process

Method	Interval
1. Turn OFF the printer. Follow the steps in Before You Begin to prepare the printer. 2. Turn ON the printer to run the TSC Console. 3. Follow the steps below to enable the clean button. (Add Printer > Select the Printer [V] > Enter the [Printer Configuration] > Press the [Get] button in the lower right corner of the window to get the printer information.)  **Once the printer has returned the information, the [Linerless Clean-Cutter] button on the right will be enabled.** 4. Press the [Linerless Clean-Cutter] button and follow the steps on the TSC Console to expose the cutter blade for cleaning.	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Method	Interval
5. After pressing the clean button, the following window will appear. Press the [Start].  6. TSC Console will remind you to prepare cleaning supplies first. After pressing [Next], the printer should be making the sound of a blade being exposed.  **CAUTION:** **After pressing this [Next] button, printer will lift to expose the cutter blade. To avoid risk of personal injury, keep your hands away from the cutter gate.**	

Method	Interval
7. Press the [Next]. TSC Console will remind you to turn **OFF** the printer. 8. Press the [Next]. TSC Console will remind you to open the printer cover and the cutter upper bar.  9. Apply some cleaning solution on a lint-free cloth or sponge foam swab. 10. Wipe off the adhesive, particles, or dust from the upper/lower cutter blades and cutter gate.   **CAUTION:** **Do not use stain remover, alcohol, or any aggressive solvents to wipe off stain residue adhering to the surface of the removable blade, or scrape with sharp tools.**	

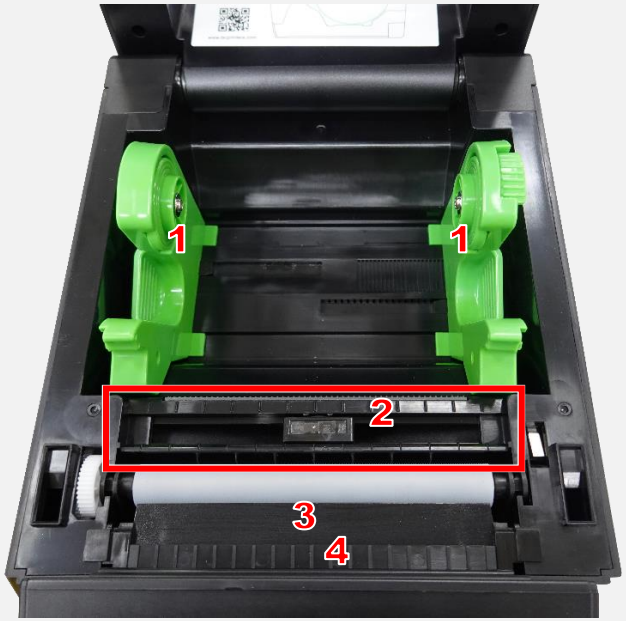
Method	Interval
11. After cleaning the cutter blade, close the upper bar and printer cover.  12. Turn **ON** the printer. At this time, you can hear the sound of the blade automatically returning to its original position. 13. Wait for the printer to turn on the green light. Click the [Next] button on the final step. The following window will appear on the TSC console, where you can reset the linerless maintenance counter. Press [Yes] to set the number of kilometers to be printed and the mileage will be reset to zero. Press [No] to exit this cleaning mode from TSC Console.  **Note:** **We recommend using TSC Console to expose the cutter blade for cleaning. If the printer cannot connect the computer, please refer to the Linerless Cutter Cleaning Process (For 2" LED series printer) to do the Carriage-open utilities to expose the cutter blade.**	

3.3 DH Series Printer

Depending on the media used, the printer may accumulate residues (media dust, adhesives, etc.) as a by-product of normal printing. To maintain the best printing quality, you should remove these residues by cleaning the printer periodically. Regularly clean the printhead and supply sensors once change a new media to keep the printer at the optimized performance and extend printer life.

For this model, you can refer to DH Series: How To Clean Your Linerless Printer video on TSC YouTube.

3.3.1 Printer Cleaning Process

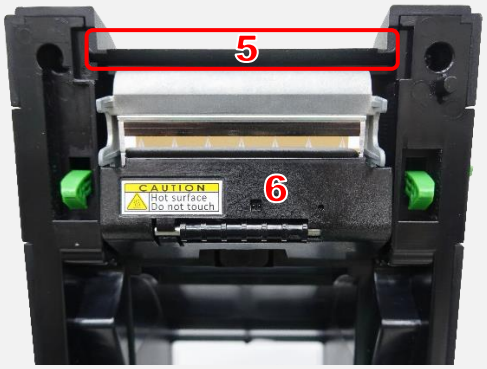
<table>
<tr><th>Printer Part</th><th>Method</th><th>Interval</th></tr>
<tr>
<td>Interior/Exterior</td>
<td>
1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer.
2. Open the printer cover. Separate the media holders and press the lock to keep the holders open.
3. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then remove the adhesive, particles, and dust that build up on the (1) media holders, (2) flat surface around the sensor (includes anti-stick rubber sheet for 4" printer), (3) flat area on the front panel, (4) flat area on the cutter module or tear-off module, (5) tear edge, and (6) cover under the printhead.
<table>
<tr><th>2” Printer</th><th>4” Printer</th></tr>
<tr>
<td>
</td>
<td>
</td>
</tr>
</table>
</td>
<td>
◆ Clean as needed or after printing every 1 km.
◆ Please determine the maintenance intervals based on actual usage.

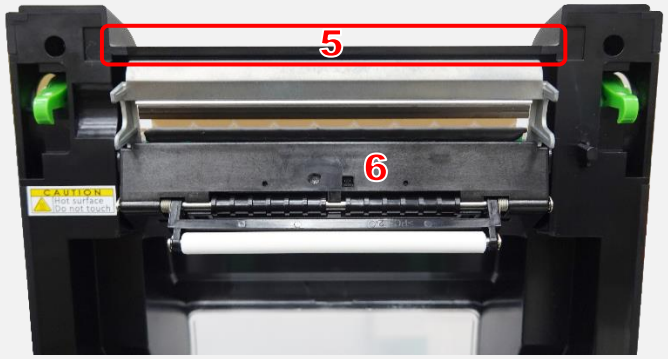
Note:
Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.
</td>
</tr>
</table>

Printer Part	Method	Interval
	2” Printer / 4” Printer	

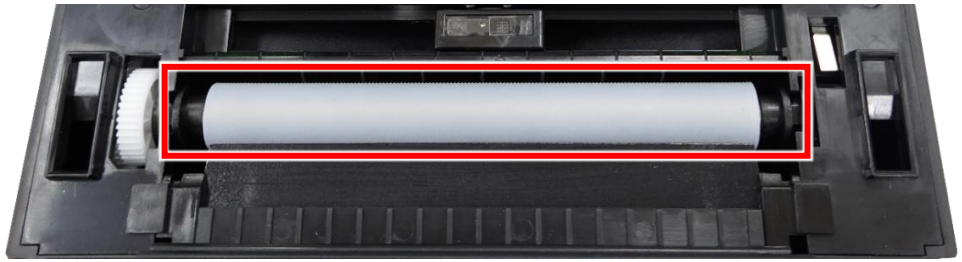






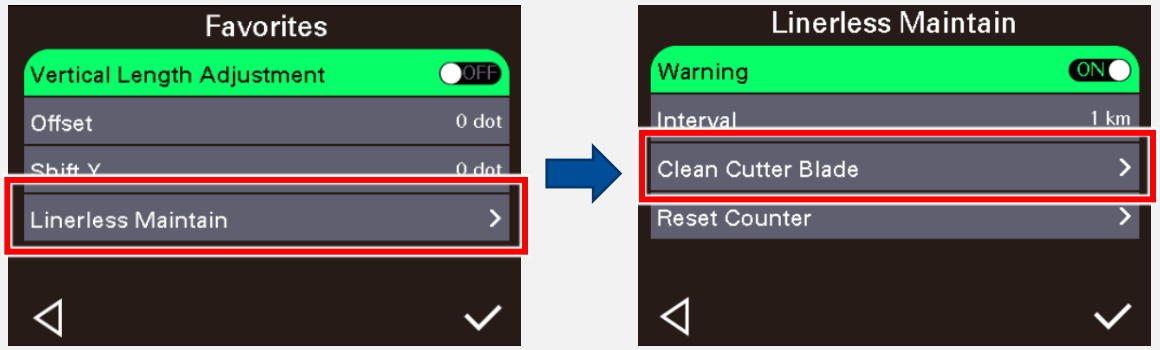
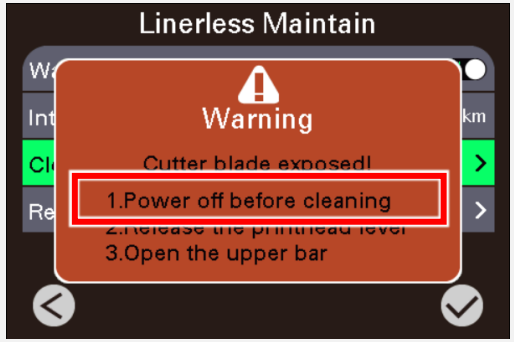


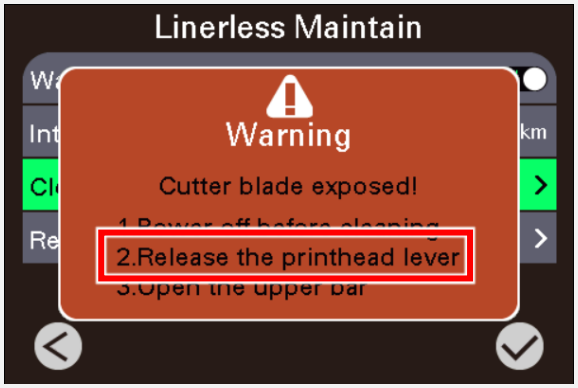
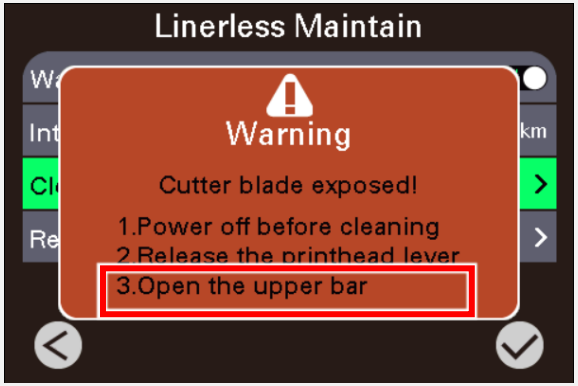
Note: Do not use cleaning solution to clean the printhead.

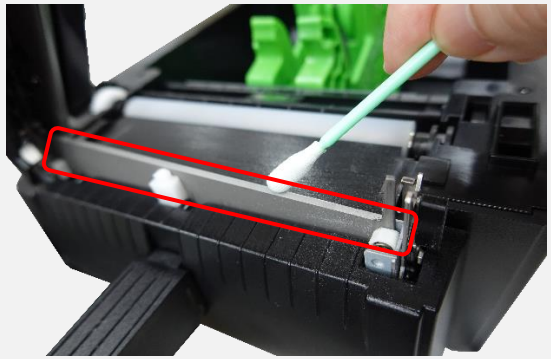
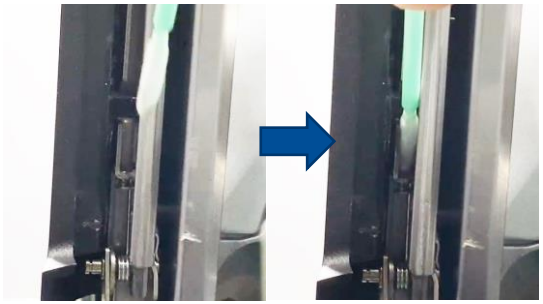
Printer Part	Method	Interval
Linerless Platen Roller	1. Turn off the printer. 2. Open the printer cover. 3. Apply some cleaning solution on a lint-free cloth and then wipe off the adhesive, particles, and dust that build up on the platen roller. Rotate the platen roller to make sure the platen roller is entirely cleaned.  **Note:** **If there is any adhesive residue, please make sure that the cleaning action removes all the foreign matter and does not accumulate.**	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage.
Printhead	1. Turn off the printer. 2. Open the printer cover. 3. Wait until the printhead cools down. It takes at least one minute. 4. Use the cleaning pen in the linerless cleaning kit (or 99% Isopropyl alcohol) to clean the surface of the print head.  **Note:** **If there is any adhesive residue, please make sure that the cleaning action removes all the foreign matter and does not accumulate.**	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage.

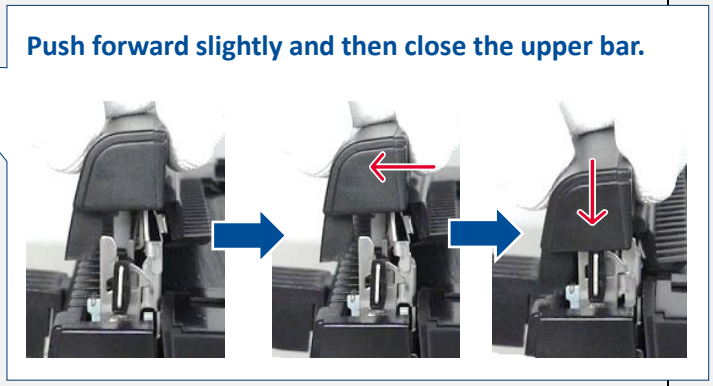
3.3.2 Linerless Cutter Cleaning Process (For 2” & 4” LCD series printer)

■ **For 2” & 4” LCD series printer**

Method	Interval
Follow the steps below to expose and then clean the cutter blade. 1. Select **Favorites** on the printer’s display panel. 2. Select **Linerless Maintain** when the screen appears. Select **Clean Cutter Blade**. (Then, the printer should be making the sound of a blade being exposed.) **CAUTION:** **Selecting Clean Cutter Blade will lift to expose the cutter blade. To avoid risk of personal injury, keep your hands away from the cutter gate when selecting this item.**  3. Follow the steps displayed on the LCD. Power **OFF** the printer first. 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Method	Interval
4. Release the printhead lever (open the printer cover).   5. Open the upper bar for the cutter gate.   6. Follow the steps in Before You Begin to prepare the printer, and start cleaning the linerless cutter blade. 7. Apply some cleaning solution on a lint-free cloth or sponge foam swab.	

Method	Interval
8. Wipe off the adhesive, particles, or dust from the upper/lower cutter blades and cutter gate. **CAUTION:** **Do not use stain remover, alcohol, or any aggressive solvents to wipe off stained residue adhering to the surface of the removable blade, or scrape with sharp tools.**    **Please ensure that any residue in the crevice of the cutter upper bar is also removed with the sponge foam swab.** 	

Method	Interval
9. After cleaning the cutter blade, close the upper bar for the cutter gate ensuring the upper bar clicks in place.   **Push forward slightly and then close the upper bar.**  10. Close the printhead ensuring the printhead is firmly secured in place.  	

Method	Interval
11. Turn on the printer. The cutter blade will automatically sink into the chassis of the cutter module.  The cutter blade has sunk into the chassis after turning on the printer.  	

3.3.3 Linerless Cutter Cleaning Process (For 2” LED series printer)

■ For 2” LED series printer

<table>
<tr><th>Method</th><th>Interval</th></tr>
<tr><td>

We recommend using TSC Console to expose the cutter blade for cleaning. Please refer to Enhanced Linerless Cutter Cleaning Process section.
If the printer cannot connect to the computer, follow the steps below to do the Carriage-open utilities to expose the cutter blade.

Follow the steps below to do the **Carriage-open utilities** to expose the cutter blade and then clean the cutter blade.

There are three utilities for carriage-open to set up printer hardware. The **Expose linerless cutter blade** function is on first item with only when the printer has the linerless module installed.

I. Release the printhead lever (carriage-open) so that the LED light up in RED.
II. Activate these functions by pressing and holding the FEED button for three seconds, releasing the button at different LED indicator signals.

<table>
<tr><th>Carriage-open</th><th colspan="4">The LED indicator will be changed as following pattern:</th></tr>
<tr><td>LED indicator
Functions</td><td>Amber
Green
(4 blinks)</td><td>Red
Amber
(4 blinks)</td><td>Red
Green
(4 blinks)</td><td rowspan="4">Please refer to each functional info for the next steps.</td></tr>
<tr><td>* Expose linerless cutter blade (Linerless cutter module installed)</td><td>Release</td><td></td><td></td></tr>
<tr><td>1. Switch between line mode and page mode</td><td></td><td>Release</td><td></td></tr>
<tr><td>2. Initialize Network setting</td><td></td><td></td><td>Release</td></tr>
</table>

*** Only when the printer has the linerless module installed will this Amber/Green indicator light illuminate.**

Refer to next page to expose the linerless cutter blade,

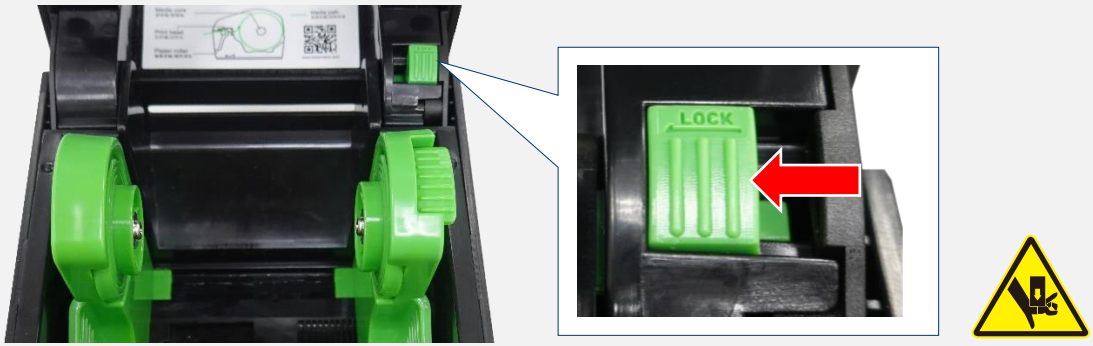
</td><td>

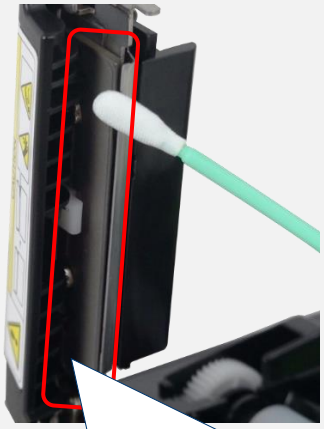
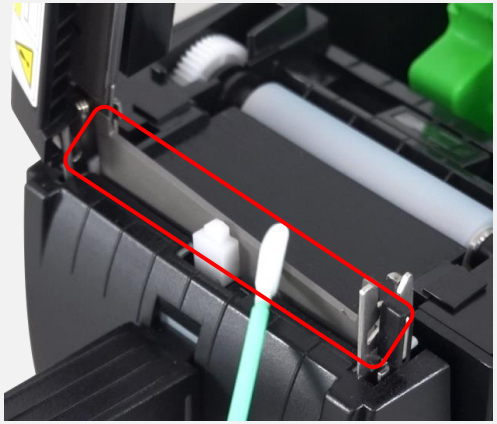
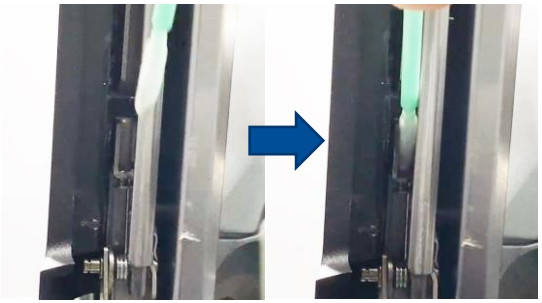
- Clean as needed or after printing every 1 km.
- Please determine the maintenance intervals based on actual usage.

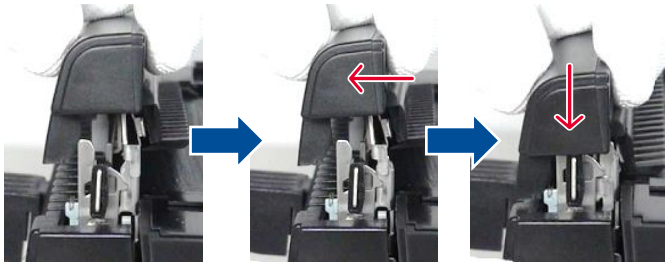
Note:
Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.

</td></tr>
</table>

Method	Interval
1. Release the printhead lever so that the LED light up **RED**. 2. Press and hold the button for three seconds while in the red light state; the LED will transition to an **AMBERT/GREEN** blinking light. Release the button during this blinking state.  3. After releasing the button, the LED will change to a **GREEN** blinking light. Press the **FEED** button to expose the linerless cutter blade. (Then, the printer should be making the sound of a blade being exposed.) **CAUTION:** **Performing this step will lift to expose the cutter blade. To avoid risk of personal injury, keep your hands away from the cutter gate when selecting this item.**	

Method	Interval
4. Power **OFF** the printer. Open the printer cover and follow the steps in Before You Begin to prepare the printer. **Note:** **Push the locker to the left for to keep the printer cover open for cleaning.**  5. Open the upper bar for the cutter gate, and start cleaning the linerless cutter blade.  6. Apply some cleaning solution on a lint-free cloth or sponge foam swab.	

Method	Interval
7. Wipe off the adhesive, particles, or dust from the cutter blade and cutter gate. **CAUTION:** **Do not use stain remover, alcohol, or any aggressive solvents to wipe off stained residue adhering to the surface of the removable blade, or scrape with sharp tools.**    **Please ensure that any residue in the crevice of the cutter upper bar is also removed with the sponge foam swab.** 	

Method	Interval
8. After cleaning the cutter blade, close the upper bar for the cutter gate ensuring the upper bar clicks in place.  **Push forward slightly and then close the upper bar.**   9. Close the printhead (printer cover) ensuring the cover is firmly secured in place.  	

Method	Interval
10. Turn on the printer. The cutter blade will automatically sink into the chassis of the cutter module.  The cutter blade has sunk into the chassis after turning on the printer. 	

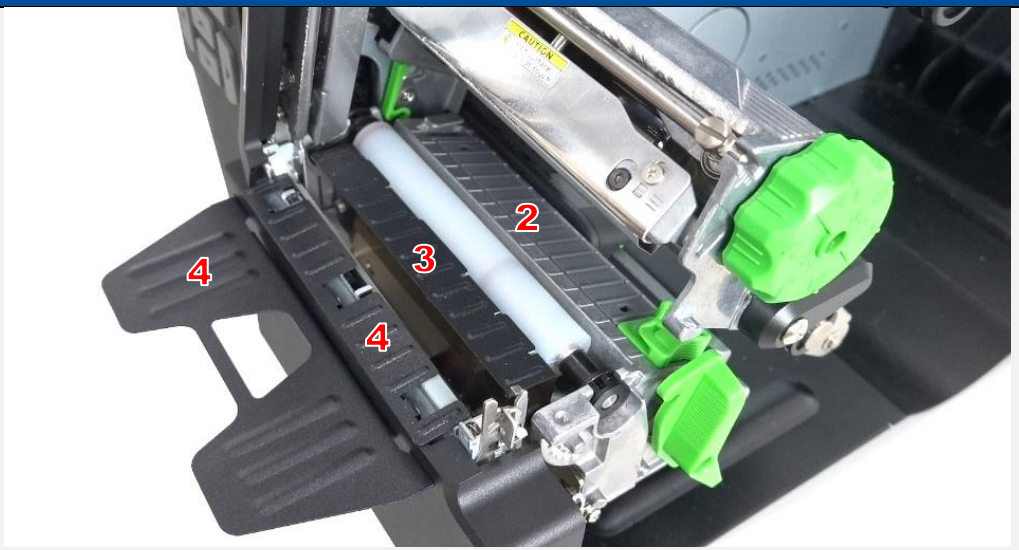
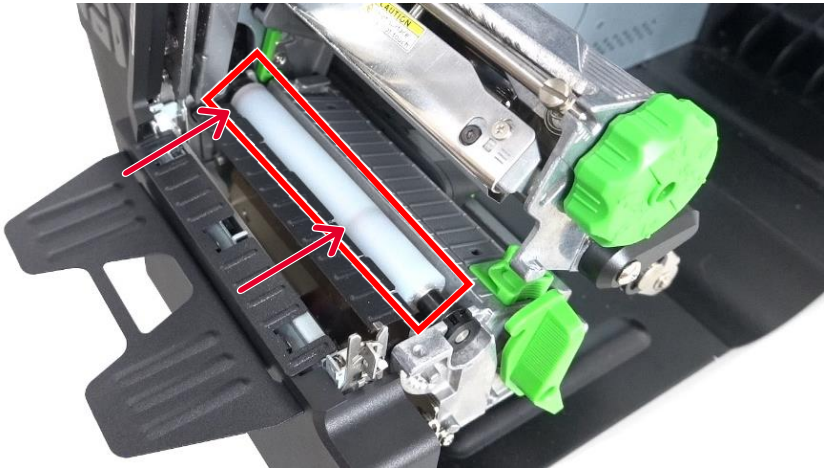
3.4 MB Series Printer

Depending on the media used, the printer may accumulate residues (media dust, adhesives, etc.) as a by-product of normal printing. To maintain the best printing quality, you should remove these residues by cleaning the printer periodically. Regularly clean the printhead and supply sensors once change a new media to keep the printer at the optimized performance and extend printer life.

For this model, you can refer to MB Series: How To Clean Your Linerless Printer video on TSC YouTube.

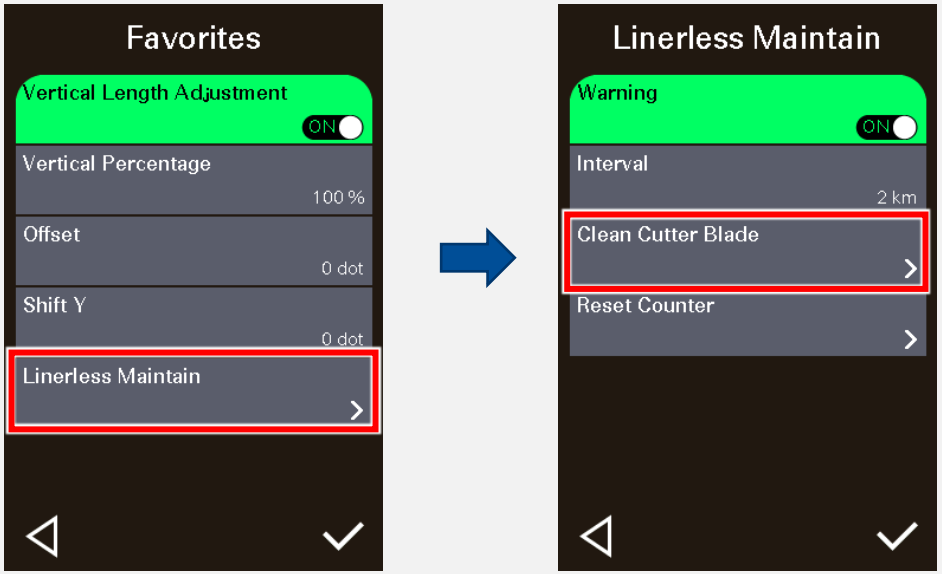
3.4.1 Printer Cleaning Process

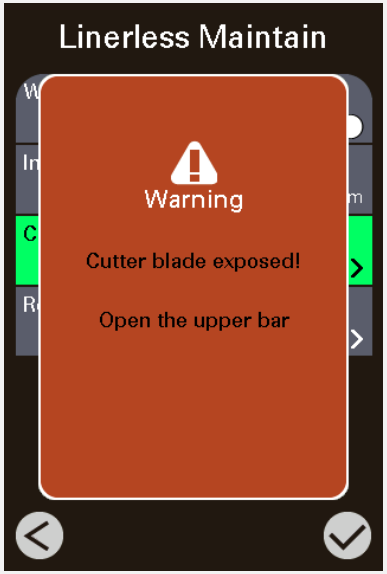
Printer Part	Method	Interval
Interior/Exterior	1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the printer cover. 3. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then remove the adhesive, particles, and dust that build up on the (1) media guide, (2) rubber surface, (3) flat area on the front panel, and (4) flat area on the cutter module or tear-off module. **Note: Do not use cleaning solution to clean the printhead.** 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

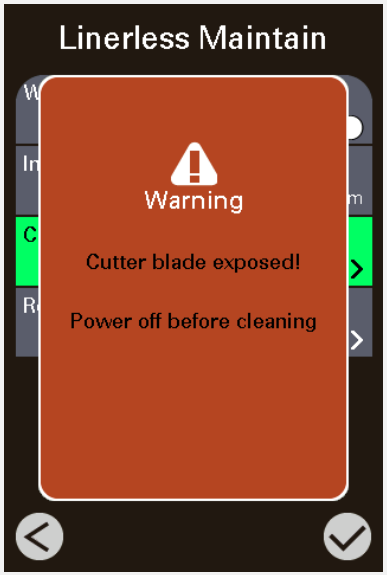
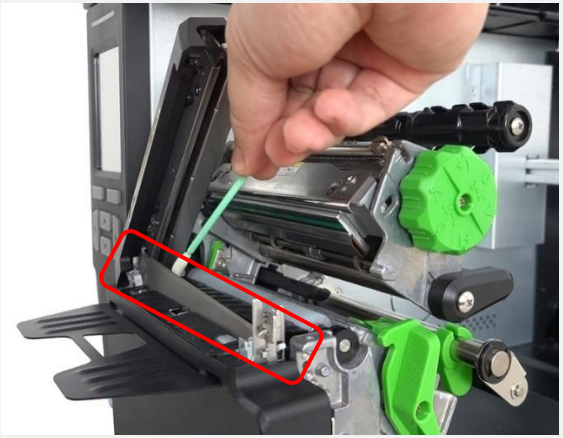
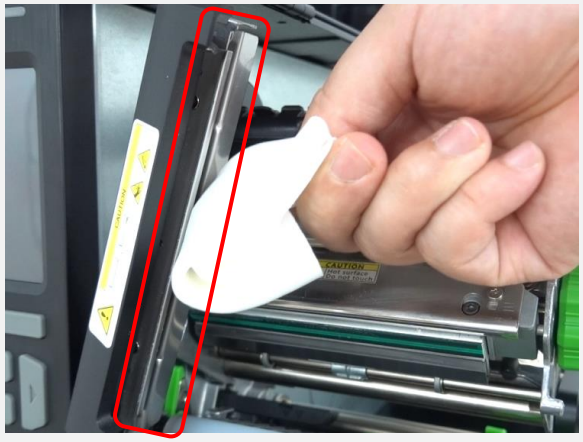
Printer Part	Method	Interval
		
Linerless Platen Roller	1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the media cover and printhead. 3. Apply some cleaning solution on a lint-free cloth and then wipe off the adhesive, particles, and dust that build up on the platen roller. Rotate the platen roller to make sure the platen roller is entirely cleaned. 	◆ Clean as needed or after printing every 1 km ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

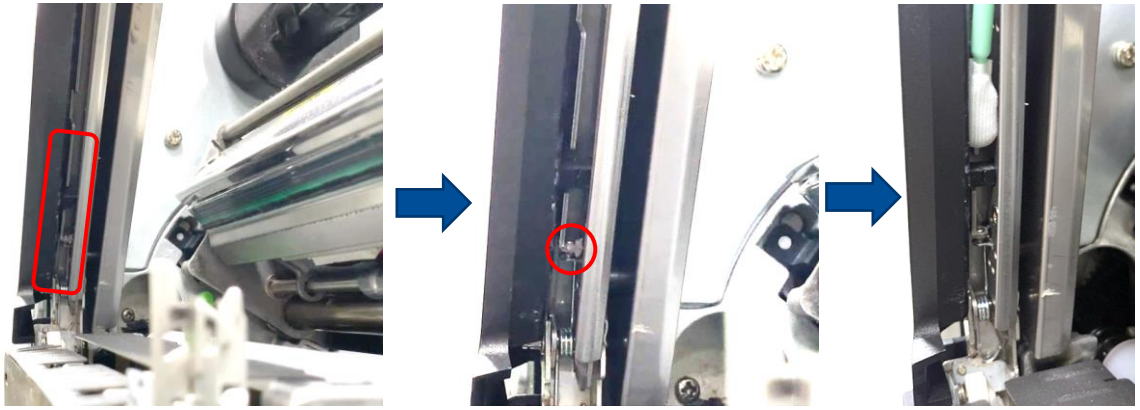
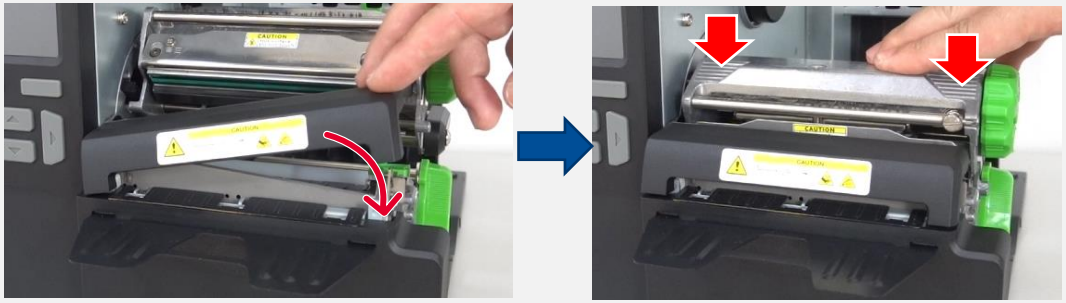
Printer Part	Method	Interval
Printhead	1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the media cover and printhead. 3. Wait until the printhead cools down. It takes at least one minute. 4. Use the cleaning pen in the linerless cleaning kit (or 99% Isopropyl alcohol) to clean the surface of the print head. 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

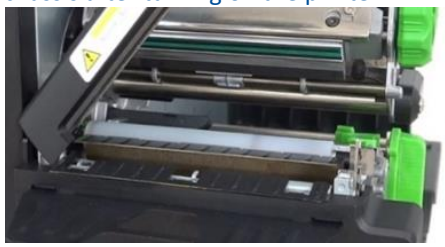
3.4.2 Linerless Cutter Cleaning Process

Method	Interval
Follow the steps below to expose and then clean the cutter blade. 1. Select **Favorites** on the printer's display panel. 2. Select **Linerless Maintain** when the screen appears. Select **Clean Cutter Blade**. **CAUTION:** **Selecting Clean Cutter Blade will lift to expose the cutter blade. To avoid risk of personal injury, keep your hands away from the cutter gate when selecting this item.** 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Method	Interval
3. Release the printhead lever to open the printhead when the screen appears.   4. Open the upper bar for the cutter gate when the screen appears.  	

Method	Interval
5. Power **OFF** the printer. Follow the steps in Before You Begin to prepare the printer, and start cleaning the linerless cutter blade.   6. Apply some cleaning solution on a lint-free cloth or sponge foam swab. 7. Wipe off the adhesive, particles, or dust from the cutter blade and cutter gate.  	

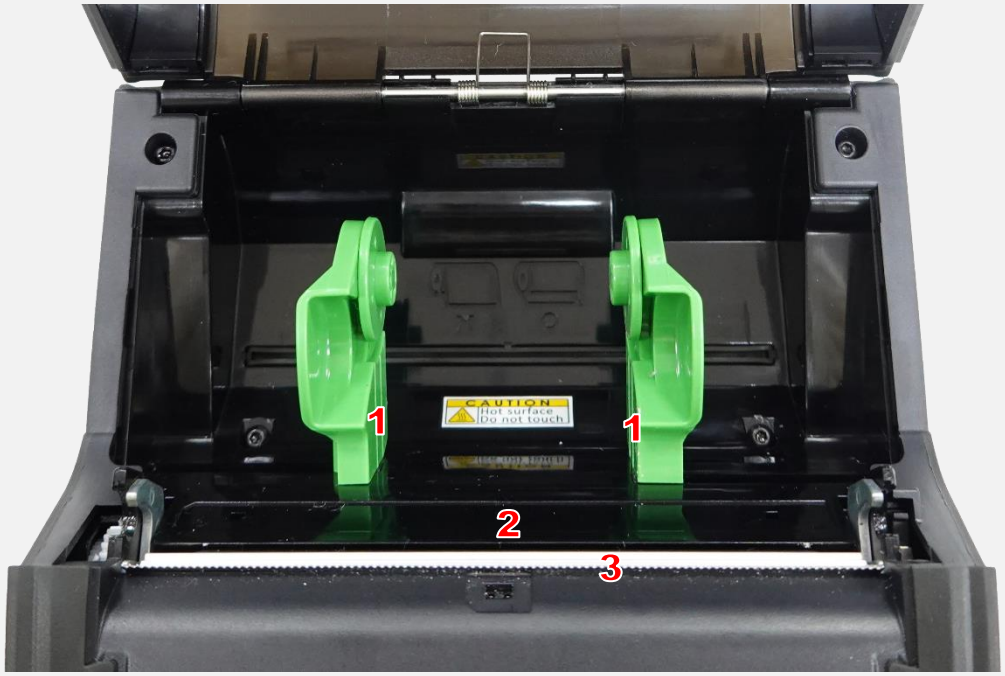
Method	Interval
 **Please ensure that any residue in the crevice of the cutter upper bar is also removed with the sponge foam swab.**  8. After cleaning the cutter blade, close the upper bar for the cutter gate ensuring the upper bar clicks in place. Close the printhead ensuring the printhead is firmly secured in place. 	

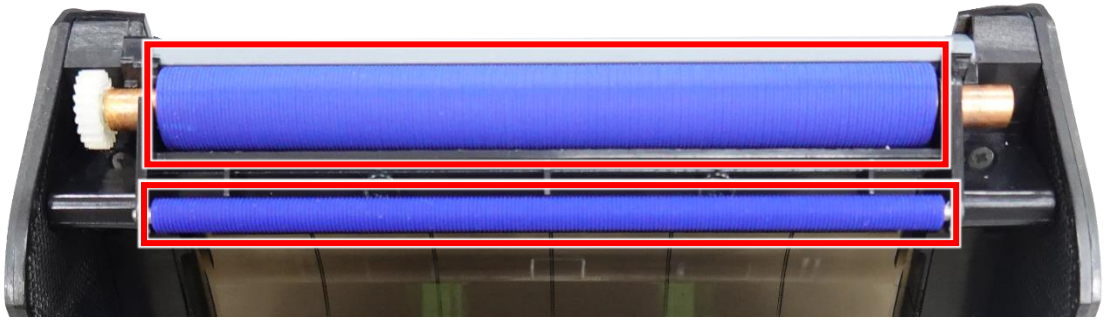
Method	Interval
9. Turn on the printer. The cutter blade will automatically sink into the chassis of the cutter module.  The cutter blade has sunk into the chassis after turning on the printer. 	

3.5 Alpha Series Printer

Depending on the media used, the printer may accumulate residues (media dust, adhesives, etc.) as a by-product of normal printing. To maintain the best printing quality, you should remove these residues by cleaning the printer periodically. Regularly clean the printhead and supply sensors once change a new media to keep the printer at the optimized performance and extend printer life.

3.5.1 Printer Cleaning Process

Printer Part	Method	Interval
Interior/Exterior	1. Turn off the printer. Follow the steps in Before You Begin to prepare the printer. 2. Open the printer cover. 3. Apply some cleaning solution on a lint-free cloth or sponge foam swab and then remove the adhesive, particles, and dust that build up on the (1) media holders, (2) flat area under the printhead, (3) tear bar, (4) edge of the printer cover, and (5) flat area on the front panel. **Note: Do not use cleaning solution to clean the printhead.** 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Printer Part	Method	Interval
		
Linerless Platen Roller	1. Turn off the printer. 2. Open the printer cover. 3. Apply some cleaning solution on a lint-free cloth and then wipe off the adhesive, particles, and dust that build up on the platen rollers. Rotate the platen roller to make sure the platen roller is entirely cleaned. 	◆ Clean as needed or after printing every 1 km ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Printer Part	Method	Interval
Printhead	1. Turn off the printer. 2. Open the printer cover. 3. Wait until the printhead cools down. It takes at least one minute. 4. Use the cleaning pen in the linerless cleaning kit (or 99% Isopropyl alcohol) to clean the surface of the print head. 	◆ Clean as needed or after printing every 1 km. ◆ Please determine the maintenance intervals based on actual usage. **Note:** **Ensure thorough cleaning to remove any adhesive residue completely without accumulation of foreign matter.**

Revision History

Date	Content	Editor
2023/11/29	First release	Camille Pao
2024/3/5	Add the DH series printer info. Add the DH series video link Update the MB series	Camille Pao
2025/5/13	Add the DA enhanced linerless cutter info. Update the "Trademark and Copyright Notice" info	Camille Pao



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