Linerless Media Upgrade Kit

ZEBRA

Installation Instructions

This kit includes the parts and documentation necessary to install the Linerless Media Upgrade Kit into a ZT411 printer.

Read these instructions thoroughly before attempting to install this kit.

Printer Dimensions after Installation

Allow for depth clearance for the linerless cutter after installation.

	Before Installation	After Installation
Height	12.8 in. (325 mm)	12.8 in. (325 mm)
Width	10.8 in. (274 mm)	10.8 in. (274 mm)
Depth	19.7 in. (500 mm)	Cutter closed: 20 in. (508 mm) Cutter open: 21.3 in. (541 mm)

Parts List

Before proceeding, verify that your kit contains the following items. To reorder specific parts, navigate to zebra.com/parts, and select your printer model.
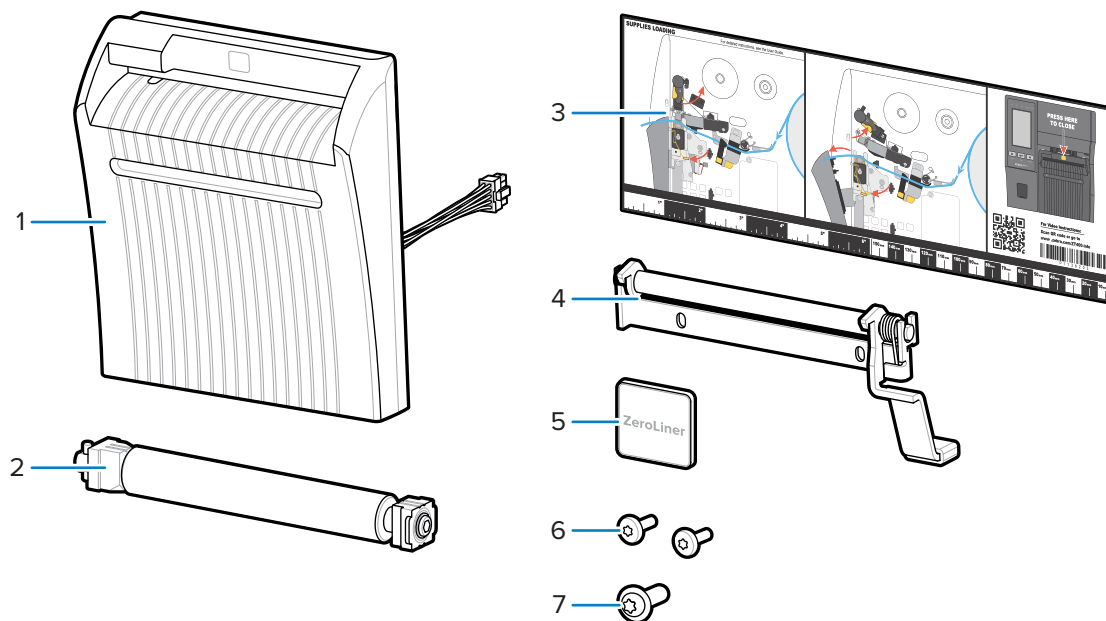
Item	Description	Qty
1	Linerless cutter assembly	1
2	Linerless platen roller assembly	1
3	Linerless media loading label	1
4	Linerless cutter latch assembly	1

Item	Description		Qty
5	Linerless badge		1
6	Hexalobular pan head cap screw, 3x8	✸ T10	2
7	Hexalobular pan washer machine screw, m4 x 6	✸ T20	1

Tools Needed

- Hexalobular (6-lobe, star) keys, drivers, or bits
- Sorting bin for screws and small parts (optional)

Upgrade the Firmware to Link-OS 7.0 or Later

The linerless cutter option works only with Link-OS 7.0 or later.

Checking the Current Firmware Version

You can check the firmware version using the printer's control panel or a printer configuration label.

1. On the printer's Home Screen, touch **Printer Info**.

2. Verify that the Link-OS Version is 7.0 or later.

Upgrading the Firmware

If your printer is running a firmware version prior to Link-OS 7.0, upgrade your firmware to the latest version for your printer.

1. Navigate to zebra.com/zt411-info.

2. Click the **Downloads** tab.

3. Click the **Printer OS v92** entry on the Downloads tab.

4. For the `.zip` file entry, click **DOWNLOAD**.

5. Read the End User License Agreement, click the box to accept the terms and conditions, and then click **DOWNLOAD**.

6. In your Downloads folder, locate the `V92.xx.xxx.zip` file and extract the contents to your computer.

7. Using the software or utility of your choice (such as the ZDownloader utility, also available on the Downloads tab), upload the `V92.xx.xxx.zpl` file to your printer.

   The printer downloads the firmware and installs it. When the installation is complete, the printer reboots.

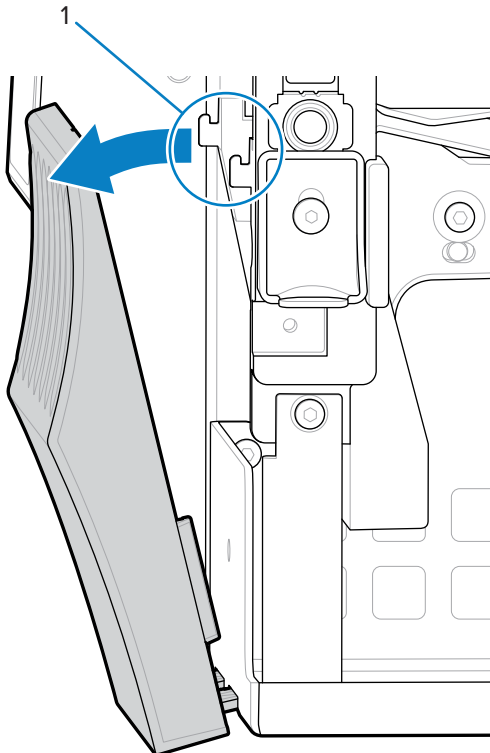# Remove the Front Trim Panel

⚠️ **CAUTION:** Turn off (O) the printer and disconnect it from the power source before performing the following procedure.
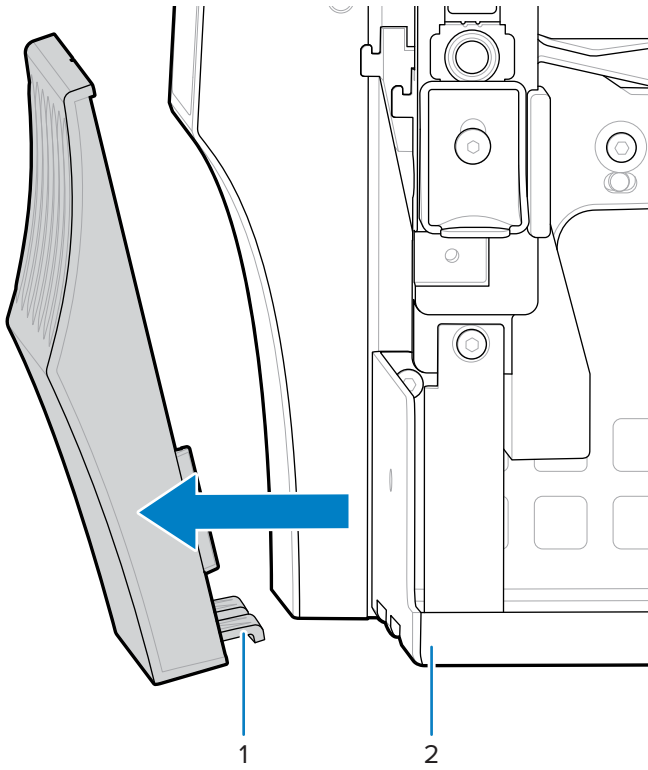
1. Disconnect the AC power cord and all data cables.

2. Remove the media and ribbon.

3. Remove the front trim panel (1) by pressing in on the detent (2), and then sliding the panel to the left as far as possible.
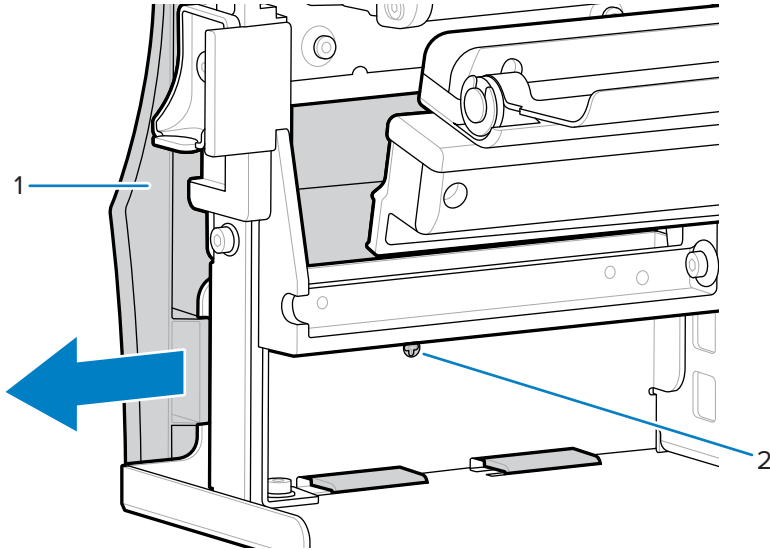
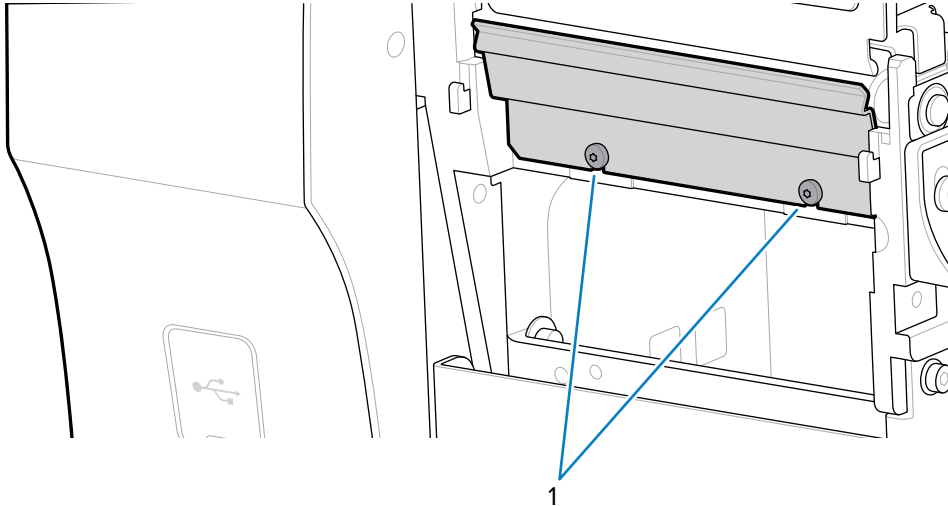4. Tip the top of the front trim panel off the hooks (1) and away from the printer.

5. Slide the front trim panel tabs (1) out of the printer base (2).

Remove the Tear Bar

1. Loosen the two ✖ T10 mounting screws (1).

1

2. Lift the tear bar off of the platen housing and remove it from the printer. Then fully remove the mounting screws.
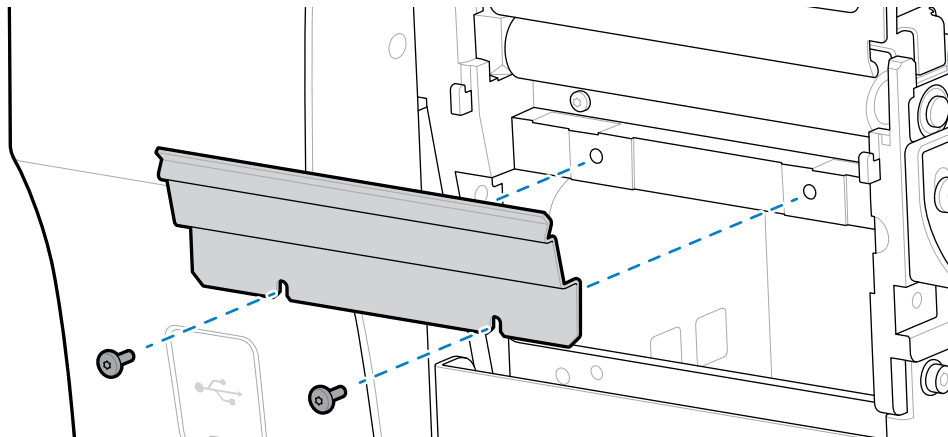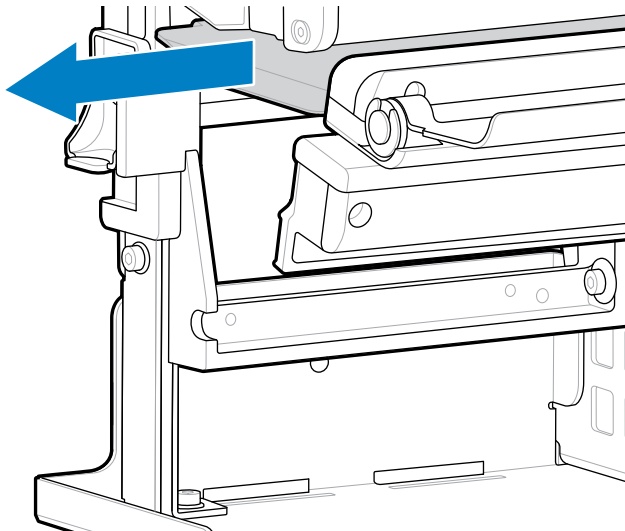
Remove the Media Support Plate

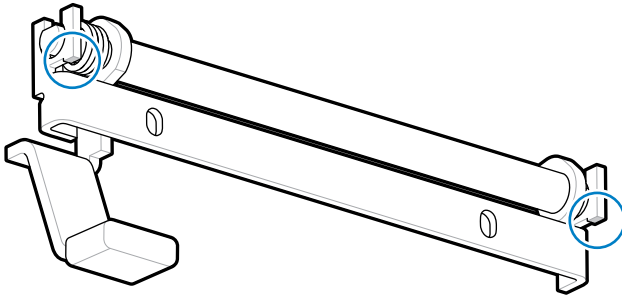1. Loosen the two ✹ T10 mounting screws that secure the media support plate to the printer.
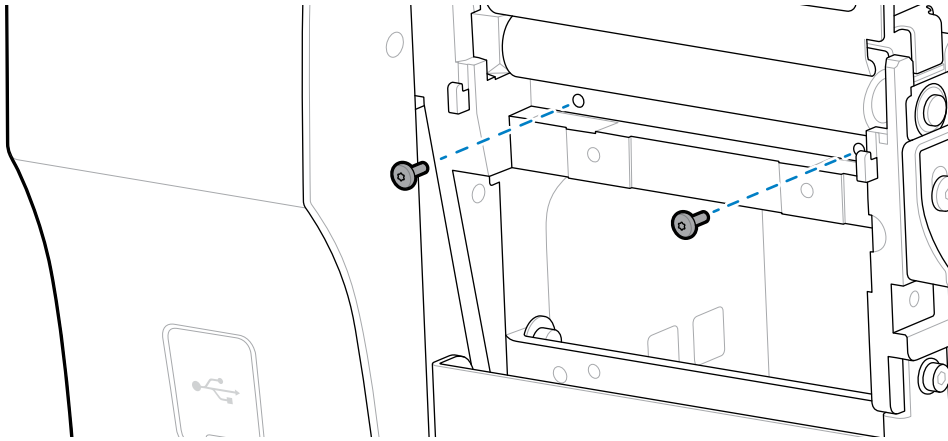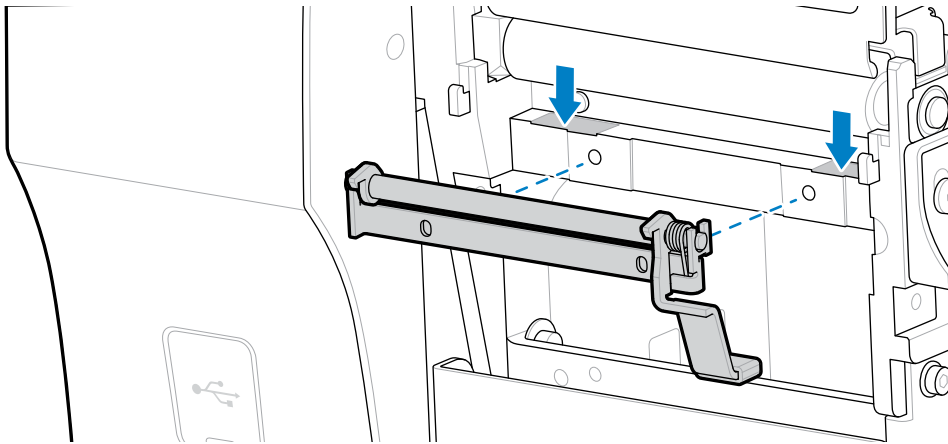

2. Remove the media support plate from the printer.

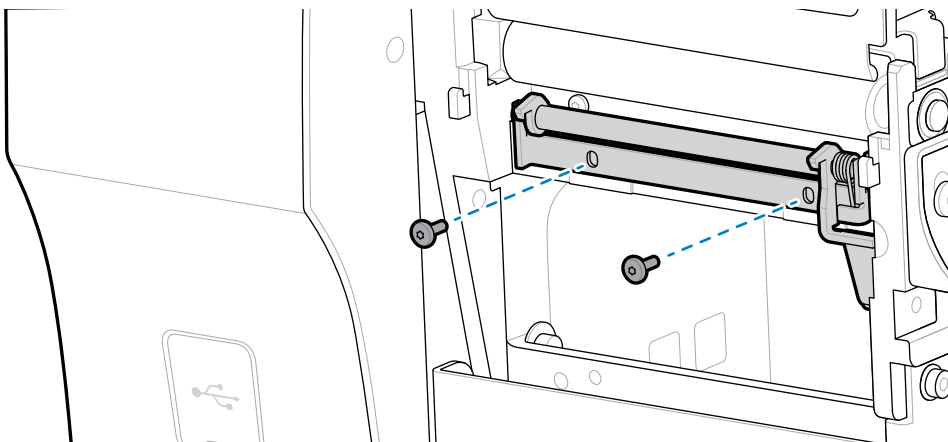# Install the Cutter Release Latch

1. Note the location of the two flat areas on the bottom of the release latch.

2. Position the release latch as shown. The mounting holes should align, and the two flat areas should be in contact with the horizontal mounting bar.
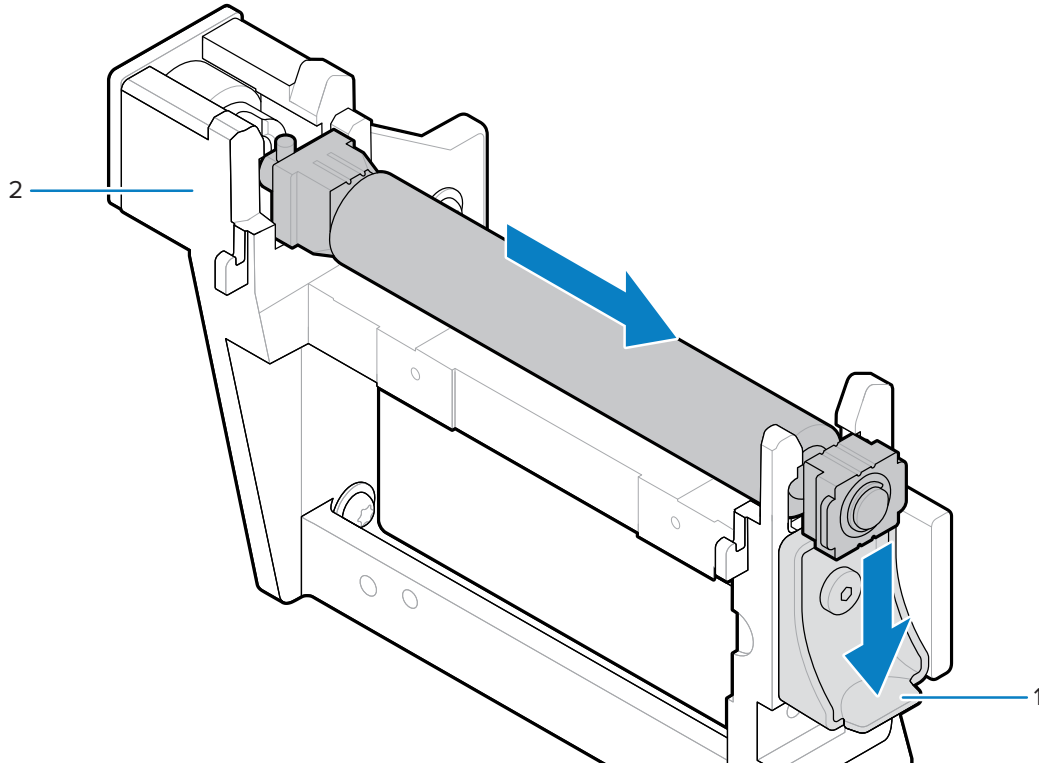

3. Secure the release latch to the horizontal mounting bar using the two ✪ T10 mounting screws.
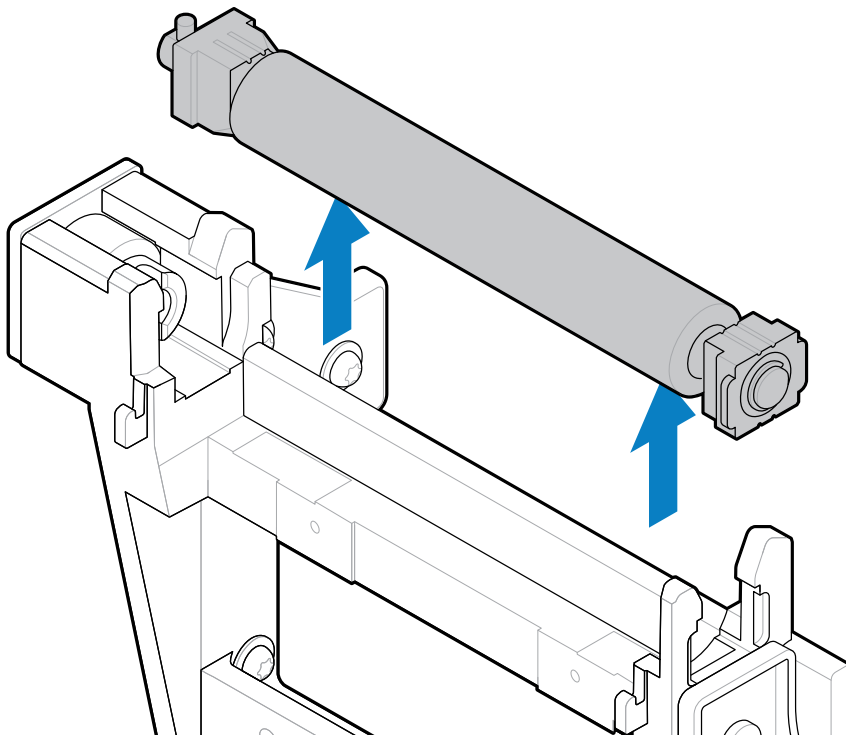
Remove the Old Platen Roller Assembly

1. Press down on the platen retainer (1).

2. Slide the platen roller assembly away from the printer until it disengages the platen housing (2).
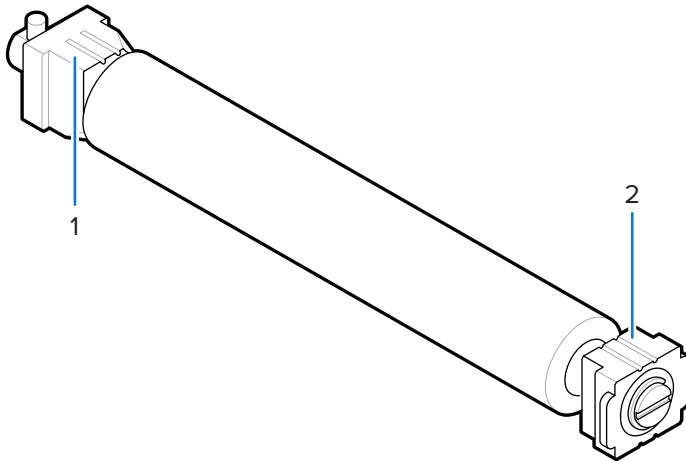
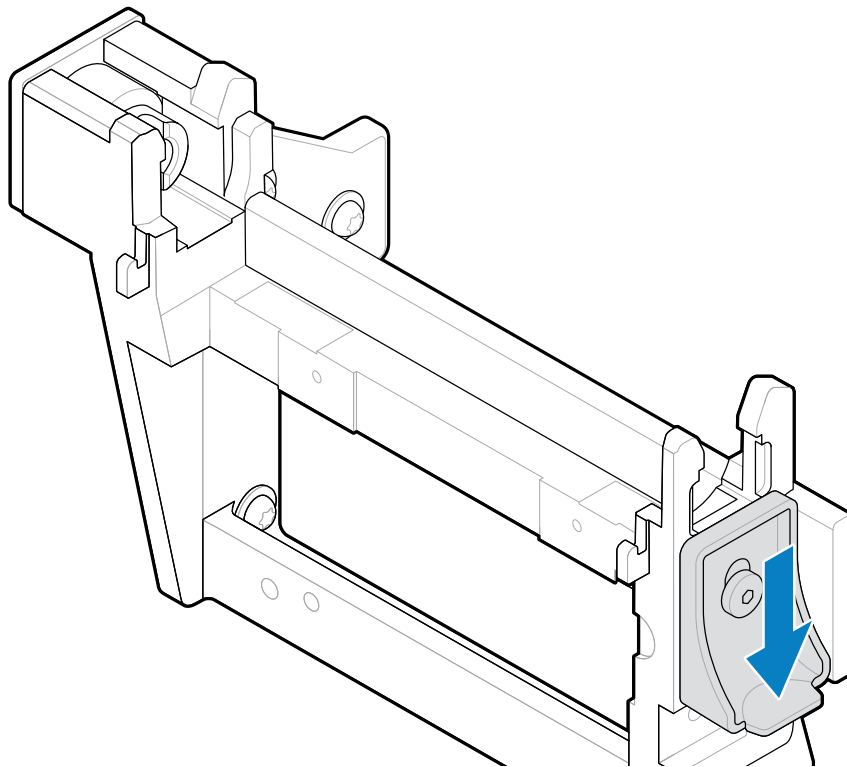3. Lift the platen roller assembly out of the printer.
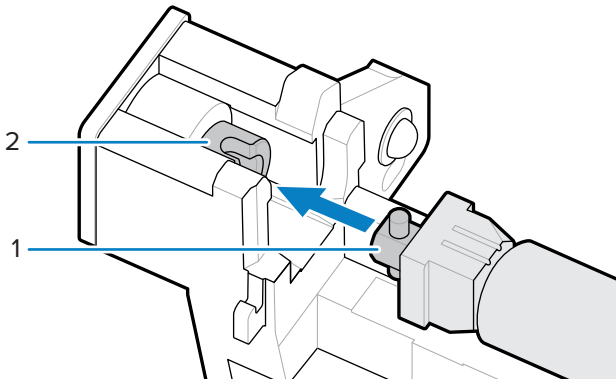
Install the Linerless Platen Roller Assembly

1. Orient the platen roller so that the grooves in the inner (1) and outer (2) bearings are facing up.

2. With the grooves up, set the new platen roller assembly into the platen housing.

3. Press down and hold the platen retainer.

4. While holding the platen retainer down, slide the platen roller assembly straight into the platen housing, aligning the platen roller bearing with the platen housing and the drive pin (1) with the slot in the drive shaft (2).


5. Release the platen retainer. Ensure that the retainer locks the platen roller into the platen housing. If it is not locked, reseat the platen roller again.
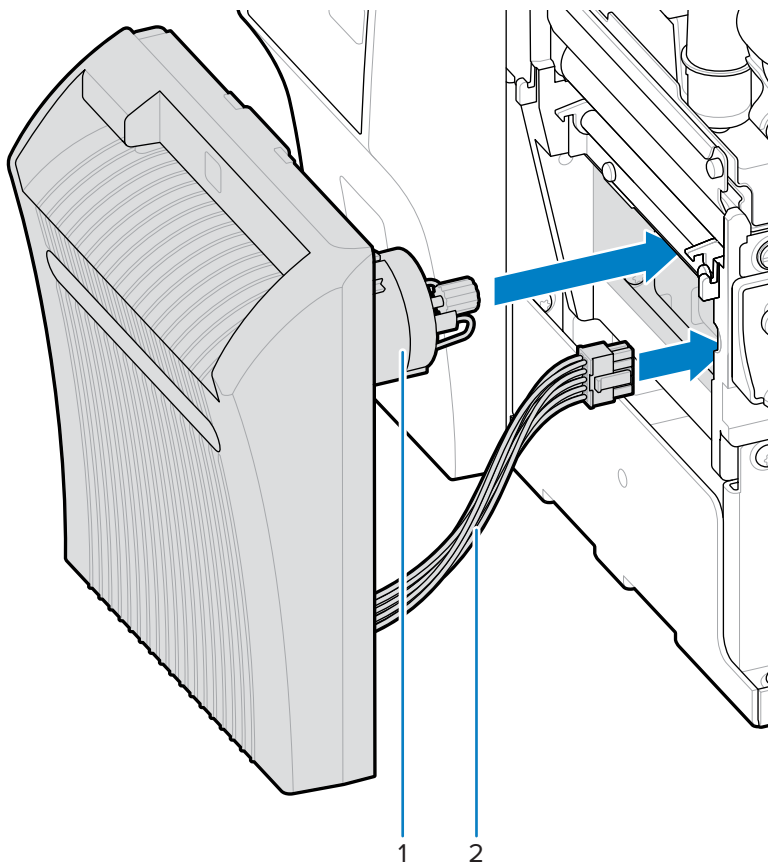
Install the Linerless Cutter Assembly

⚠ **CAUTION:** The cutter blade is sharp. Do not touch or rub the blade with your fingers.

1. Note the location of the mounting hole (1), the slots in the printer base (2), and the access hole to the media side of the printer (3).
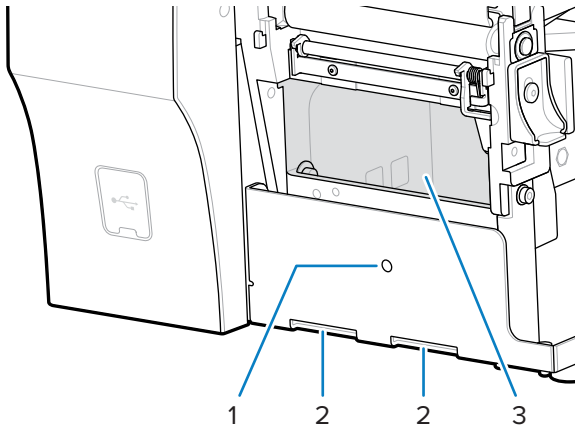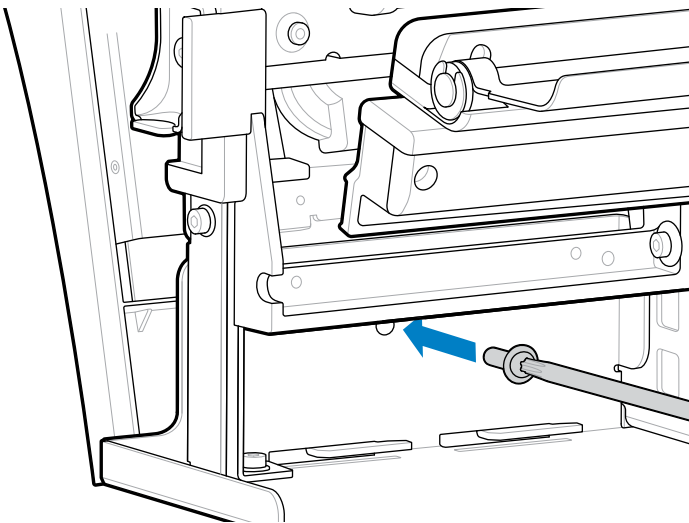

2. While holding the cutter assembly upright, route the cutter motor (1) and the cutter cable (2) through the access hole.

3. Insert the hooks on the bottom of the cutter into the slots on the base, and then slide the cutter assembly to the side to engage the hooks.
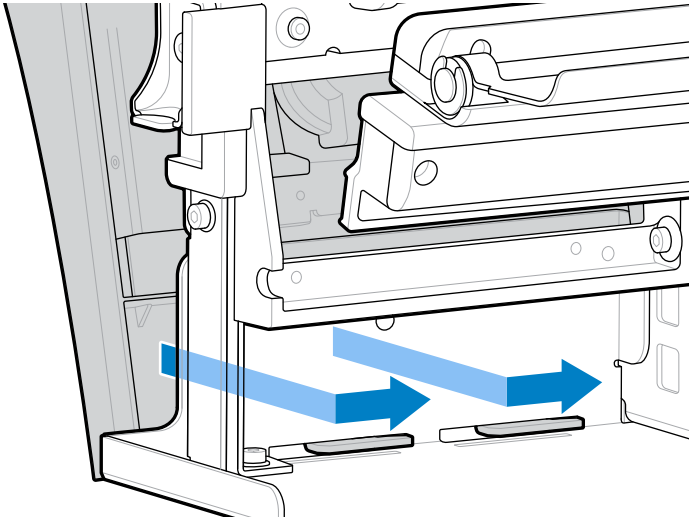
4. Insert the ✱ T20 flat mounting screw through the mounting hole and hold it in place with a screwdriver.

5. Rotate the cutter upright so that the screw engages the hole on the back of the cutter, and then tighten the screw. Ensure that both of the hooks stay in contact with the printer base so that the cutter assembly is installed correctly.
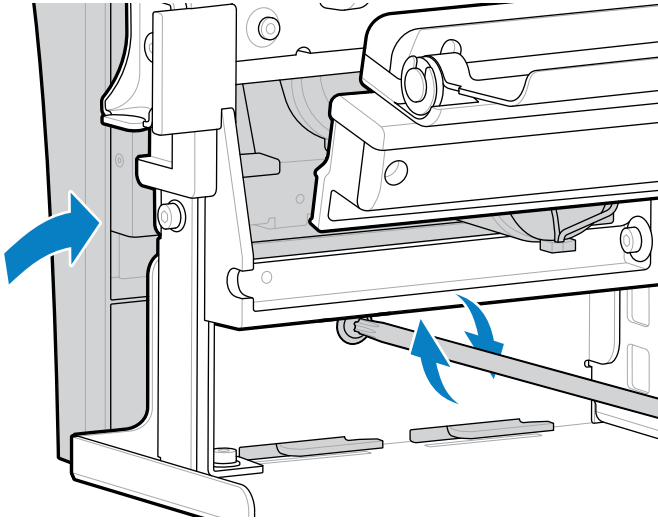
6. Apply pressure to the gold square on the front of the cutter to snap the top of the cutter into place.
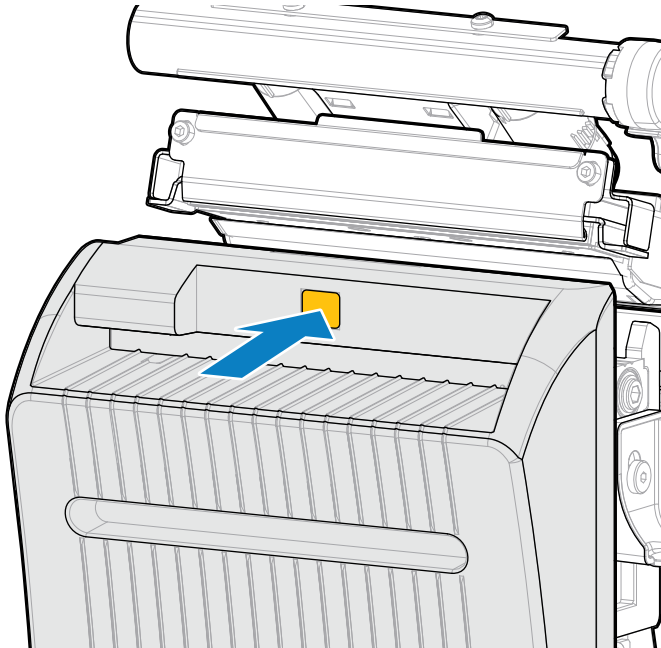
7. Plug the end of the cutter cable into the 10-pin option connector on the printer mainframe.
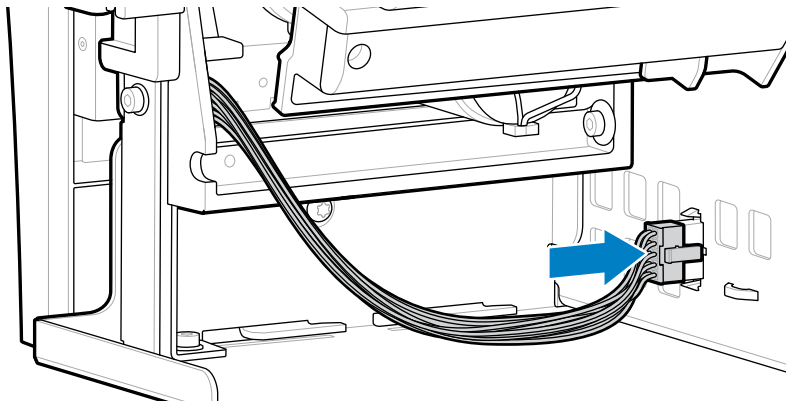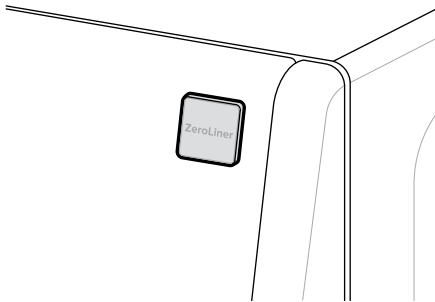
Affix the Media Loading Label and the Linerless Badge

1. On the inside of the media door, install the linerless media loading label over the top of the existing media loading label.
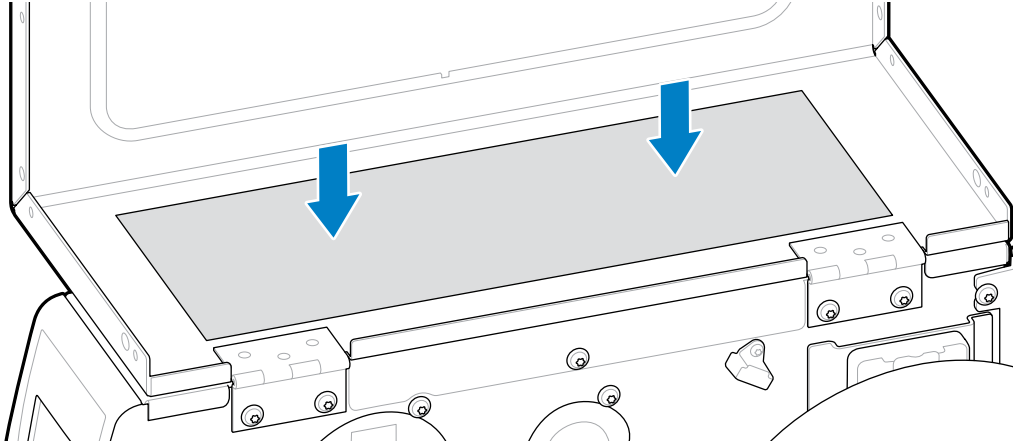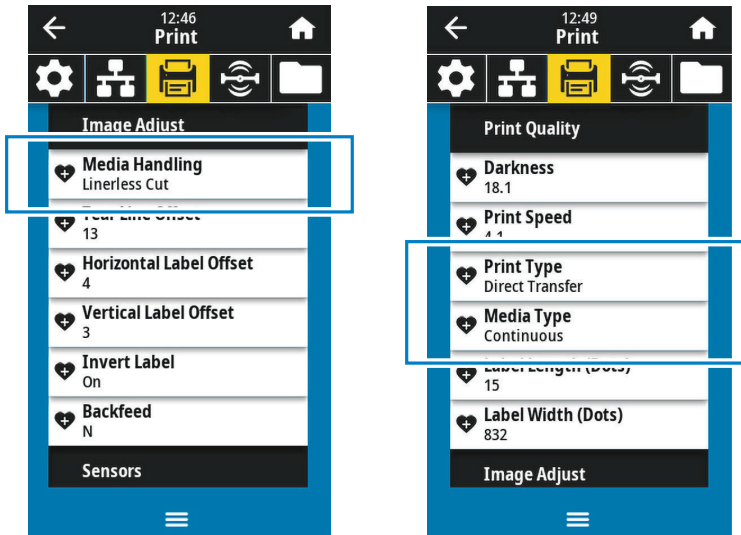

2. Remove the backing from the linerless badge, and affix it to the top-right corner of the outside of the media door.

Resume Printer Operation

1. If you disconnected the AC power cord and interface cables, reconnect them, and then turn on (|) the printer power.

2. Set the following parameters through the control panel for linerless operation:

   a. Set the printer to **Linerless Cut** mode by touching **Menu > Print > Image Adjust > Media Handling**.

   b. Set the printer to **Direct Thermal** mode by touching **Menu > Print > Print Quality > Print Type**.

   c. Set the printer to **Continuous** mode by touching **Menu > Print > Print Quality > Media Type**.

3. Load the printer with Zebra ZeroLiner media.

4. Close the media door.

5. If necessary, press **PAUSE** to resume printer operation.

The installation is complete.