



# Peel/Rewind Upgrade Kit

## Installation Instructions

This kit includes the parts and documentation necessary to install the Peel/Rewind upgrade kit on the following printers:

- ZM400™
- ZM600™

Read these instructions thoroughly before attempting to install this kit.

## Prepare for Installation

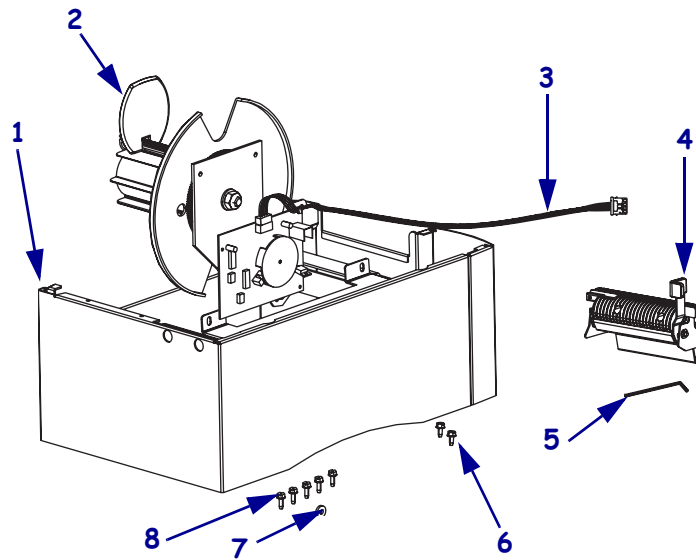
### Parts List

Before proceeding, verify that your kit contains the items for your printer listed below.

**Table 1 • Kit Parts List**

✓	Item	Qty	Part Number	Description
	<b>Ref</b>	1	<b>79835</b>	ZM400 Upgrade Kit
	<b>Ref</b>	1	<b>79836</b>	ZM600 Upgrade Kit
	<b>1</b>	1	<i>79925</i>	ZM400 Rewind Pan
		1	<i>79683</i>	ZM600 Rewind Pan
	<b>2</b>	1	<i>79026</i>	ZM400 Rewind Spindle Assembly
		1	<i>79026-6</i>	ZM600 Rewind Spindle Assembly
	<b>3</b>	1	<b>79827M</b>	Rewind Cable
	<b>4</b>	1	<i>79432</i>	ZM400 Peel Assembly
		1	<i>79436</i>	ZM600 Peel Assembly
	<b>5</b>	1	<i>30449</i>	Hex Key 5/64 × 2 inch
	<b>6</b>	2	<b>HW78814</b>	Screw, M4 × 0.7 × 10 (available in quantities of 5)
	<b>7</b>	1	<b>78811</b>	Washer, 0.500 × 0.195 × 0.090
	<b>8</b>	5	<b>HW78817</b>	Screw, M4 × 0.7 × 12 (available in quantities of 25)
<b>Bold</b> = Part available for purchase.				
<i>Italic</i> = Part not available for purchase, listed and shown for reference only.				

**Figure 1 • Kit Contents**



## Reference Materials

The following manuals and CDs may be helpful references while performing this procedure.

- ZM400/ZM600 User Guide
- ZM400/ZM600 Maintenance Manual
- Z Series<sup>®</sup> Maintenance Manual CD

## Tools Required



**Tools •** You need these tools to complete this procedure:

- ☐ Phillips Screwdriver Set
- ☐ Metric Nutdriver Set
- ☐ Antistatic Mat and Wrist Strap

## Remove the Electronics Cover



**Note** • Retain all parts removed during disassembly, unless otherwise directed.



1. **Caution** • Turn off (O) the printer and disconnect it from the power source before performing the following procedure.

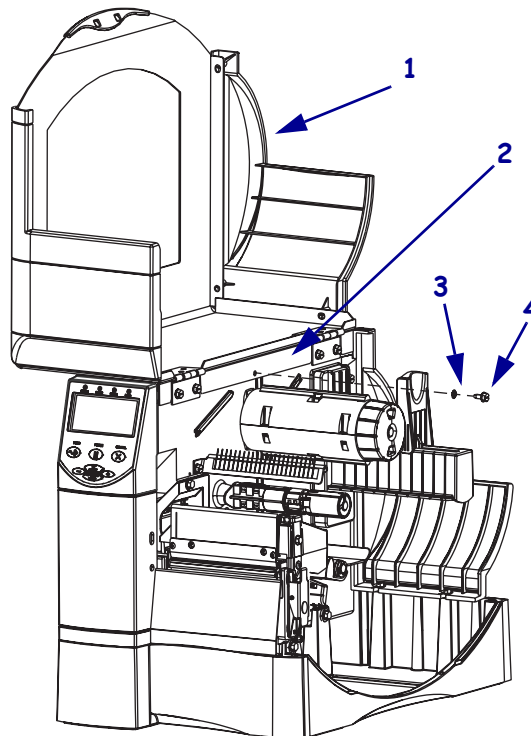
Turn off (O) the printer and disconnect the AC power cord and all data cables.

2. **Caution** • While performing any tasks near an open printhead, remove all rings, watches, hanging necklaces, identification badges, or other metallic objects that could touch the printhead.

Remove the media and ribbon.

3. See [Figure 2](#). Remove the screw and washer securing the electronics cover.

**Figure 2 • Locate the Electronics Cover Mounting Screw**



1	Media door
2	Electronics cover
3	Washer
4	Mounting screw

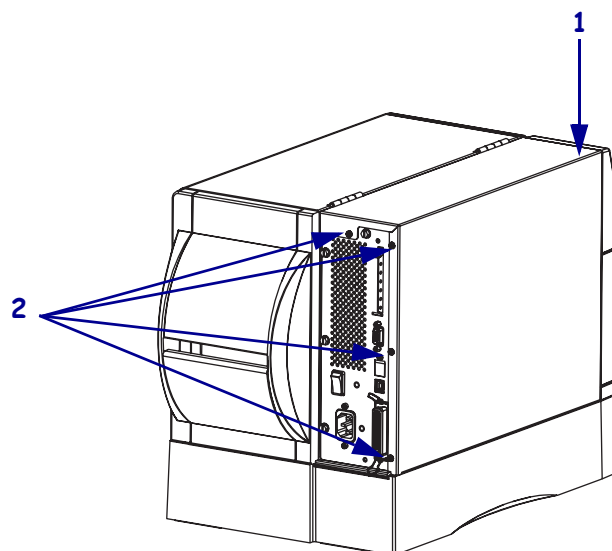
4. Close the media door.

#### 4 | Peel/Rewind Upgrade

Remove the Electronics Cover

5. See [Figure 3](#). Remove the four mounting screws on the rear of the printer.

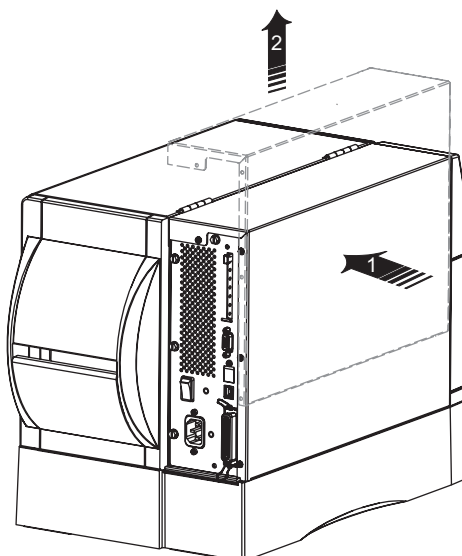
**Figure 3 • Remove the Electronics Cover Mounting Screws**



1	Electronics cover
2	Mounting screws (4)

6. See [Figure 4](#). Remove the electronics cover by pressing in on the electronics cover with the palm of your hand, and then lifting up on the cover.

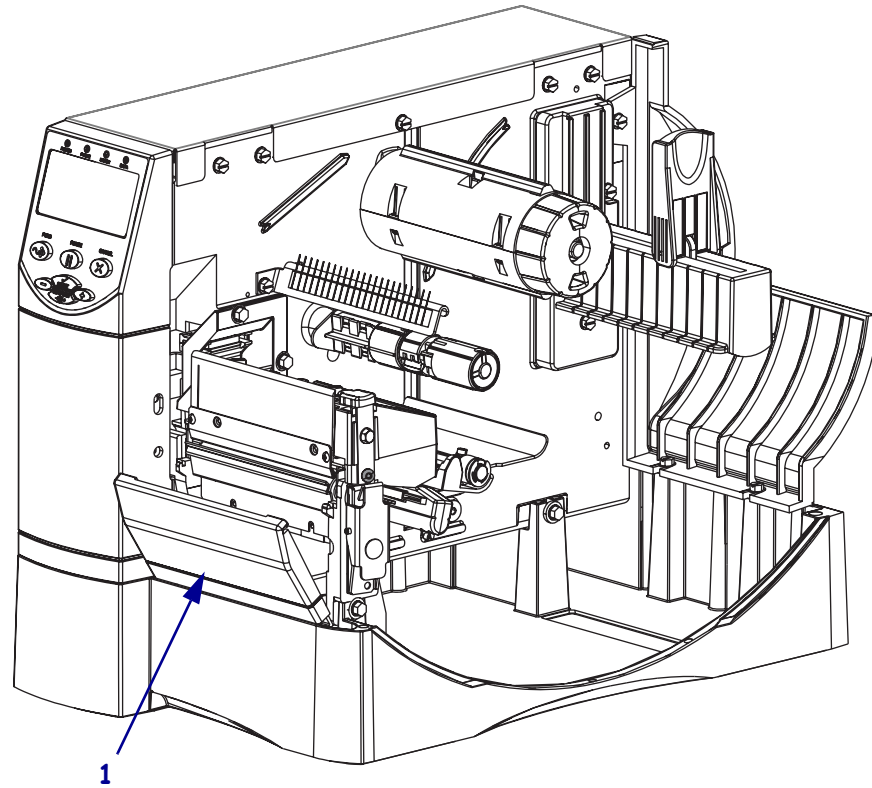
**Figure 4 • Remove the Electronics Cover**



## Remove the Base

1. See [Figure 5](#). Remove the front cover by sliding it to the right and then lifting it up.

**Figure 5 • Remove the Front Cover**



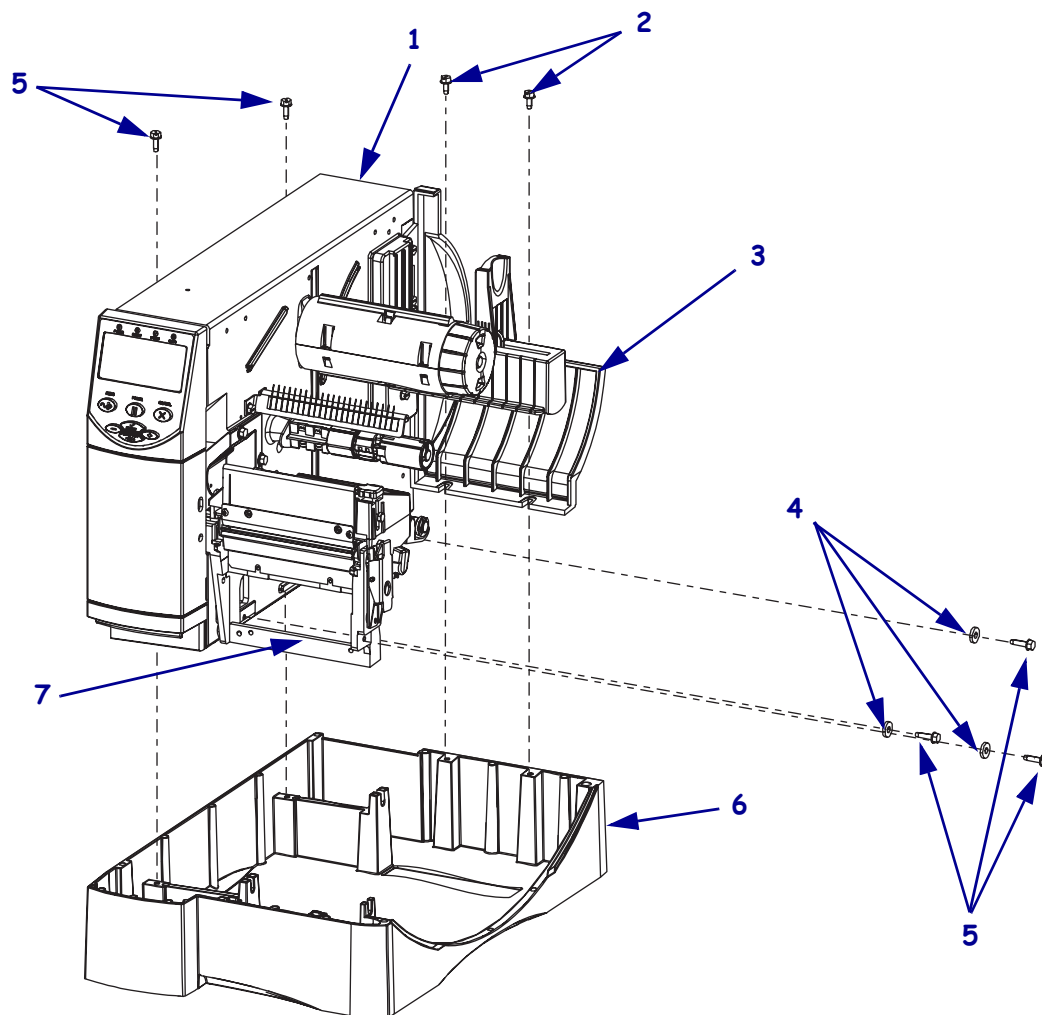
1	Front cover
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2. See [Figure 6](#). Remove the two screws that attach the rear cover to the base.



**Note** • Do not remove the screws attaching the platen housing to the main frame.

**Figure 6 • Remove the Old Base**



<b>1</b>	Main frame
<b>2</b>	Rear end cap mounting screws (2)
<b>3</b>	Rear end cap
<b>4</b>	Mounting flat washers (3)

<b>5</b>	Main frame mounting screws (5)
<b>6</b>	Base
<b>7</b>	Platen housing

3. Remove the screw and flat washer securing the platen housing to the base.
4. Remove the four screws and two flat washers securing the main frame and end cap.
5. Lift the main frame off the base assembly.

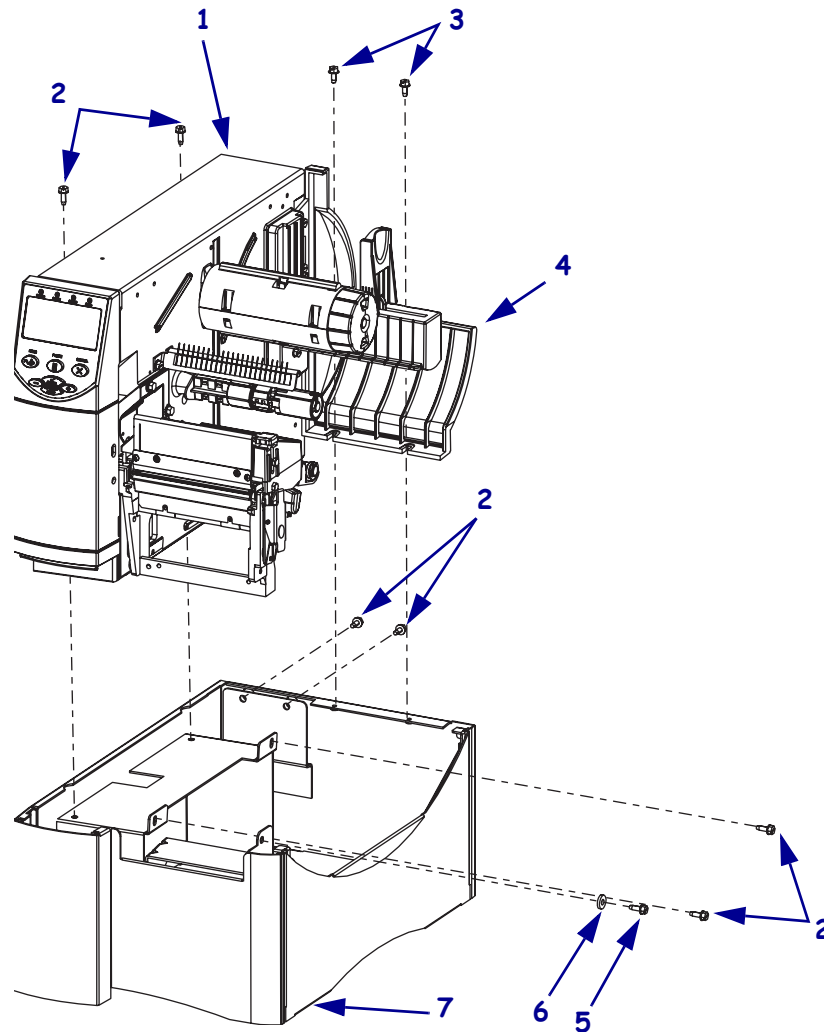
## Install the Rewind Pan



**Important** • Alignment is very important. The platen housing must be inside the mounting tab of the rewind pan.

1. See [Figure 7](#). Place the main frame onto the rewind pan assembly. Ensure the rear ledge of the main frame rests completely on the rear support in the pan.

**Figure 7 • Install the Rewind Pan**



1	Main frame
2	Main frame mounting screws (4) item 8 in <a href="#">Table 1</a> on <a href="#">page 1</a>
3	Rear end cap mounting screws (2)
4	Rear end cap
5	Platen housing mounting screw item 8 in <a href="#">Table 1</a> on <a href="#">page 1</a>
6	Flat washer, item 7 in <a href="#">Table 1</a> on <a href="#">page 1</a>
7	Rewind Pan



**Note •** The oversize mounting hole in the pan allows for adjustment of the front of the pan to align with the door.

2. Install, but do not tighten, the main frame mounting screws provided in the kit.
3. Recheck the alignment from [step 1](#) and then tighten the two screws on the rear of the main frame.
4. Tighten the rest of the main frame mounting screws.
5. Reinstall the rear cover by sliding it under the screw loosened previously on the main frame. Leave the screw loose.
6. Using the two screws supplied in the kit, attach the rear cover to the rewind pan.
7. Tighten the two screws and the one screw on the main frame.



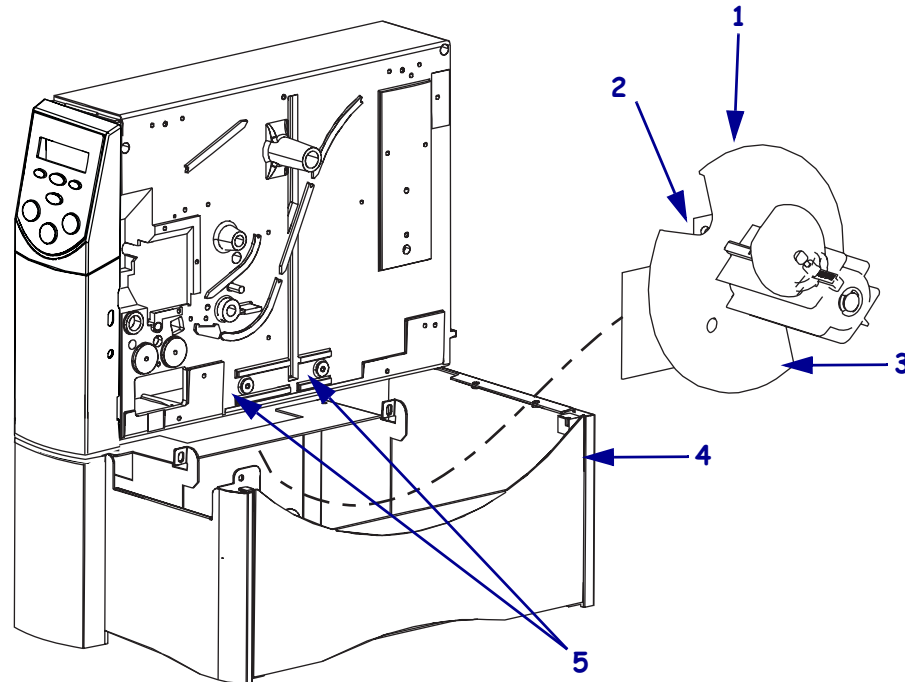
## Install the Rewind Spindle Assembly



**Note** • Make sure the two holes on rewind support bracket face up and are in line with the printer main frame.

1. See [Figure 8](#). Place the rewind motor and spindle assembly in the rewind pan assembly.

**Figure 8 • Install the Rewind Spindle Assembly**

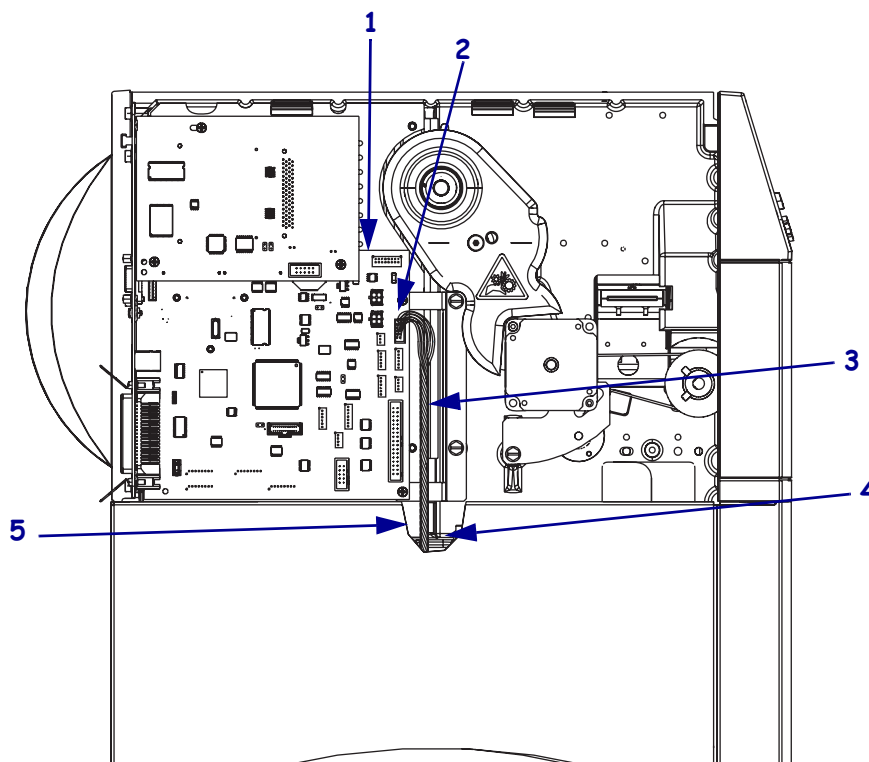


<b>1</b>	Rewind spindle and motor assembly
<b>2</b>	Rewind support bracket (holes must be on top)
<b>3</b>	Rewind spindle back plate
<b>4</b>	Rewind pan
<b>5</b>	Mounting holes for rewind support bracket

2. Feed the media rewind cable through the hole in the bottom of the main frame.

3. See [Figure 9](#). Connect the rewind cable connector to P26 on the main logic board (MLB).

**Figure 9 • Connect the Rewind Cable to the Main Logic Board**



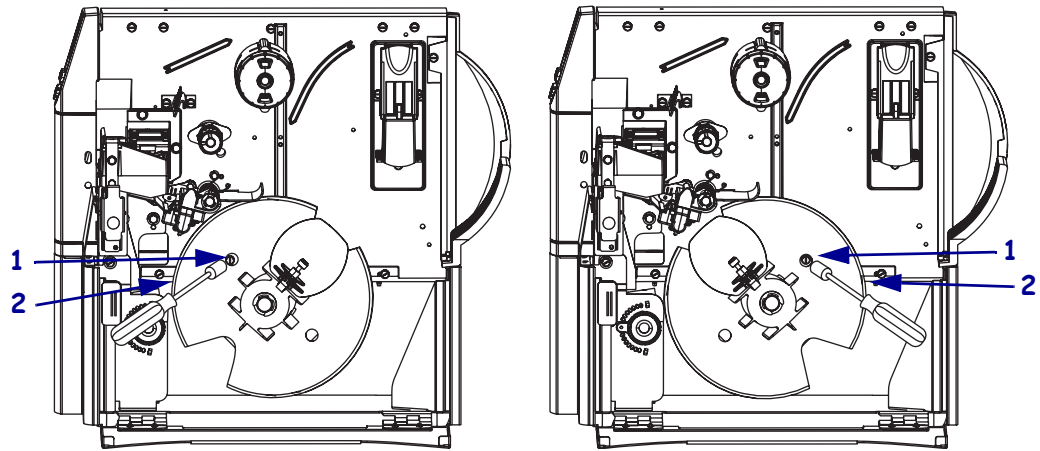
1	Main logic board
2	Connector P26
3	Rewind cable
4	Access hole
5	Cut away

4. See [Figure 10](#). Align one of the two access holes in the rewind back plate to one of the mounting holes on the rewind support plate.
5. Using a nut driver, mount the rewind motor and spindle assembly to the printer main frame using one of the two screws provided.



**Note •** For ease of alignment, do not tighten the first screw until the second screw is installed.

**Figure 10 • Install the Motor and Spindle Assembly**



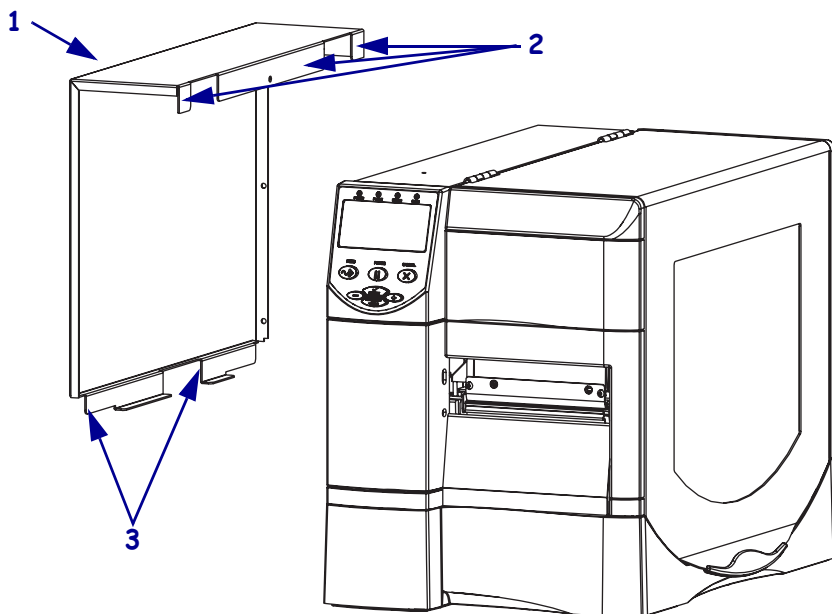
<b>1</b>	Access hole
<b>2</b>	Rewind back plate

6. Align the other access hole of the rewind back plate to the other mounting hole on the rewind support plate.
7. Install the mounting screw and tighten.
8. Tighten the screw installed in [step 5](#).

## Reinstall the Electronics Cover

1. See [Figure 11](#). Install the electronics cover by aligning it and sliding down, ensuring the lower flanges are inside the base and the upper flanges are between the main frame and the media door.

**Figure 11 • Locate the Upper and Lower Flanges**



<b>1</b>	Electronics cover
<b>2</b>	Upper flanges (3)
<b>3</b>	Lower flanges (2)

2. See [Figure 3 on page 4](#). Install the four mounting screws.
3. See [Figure 2 on page 3](#). Open the media door.
4. Install the electronics cover mounting screw and lock washer.

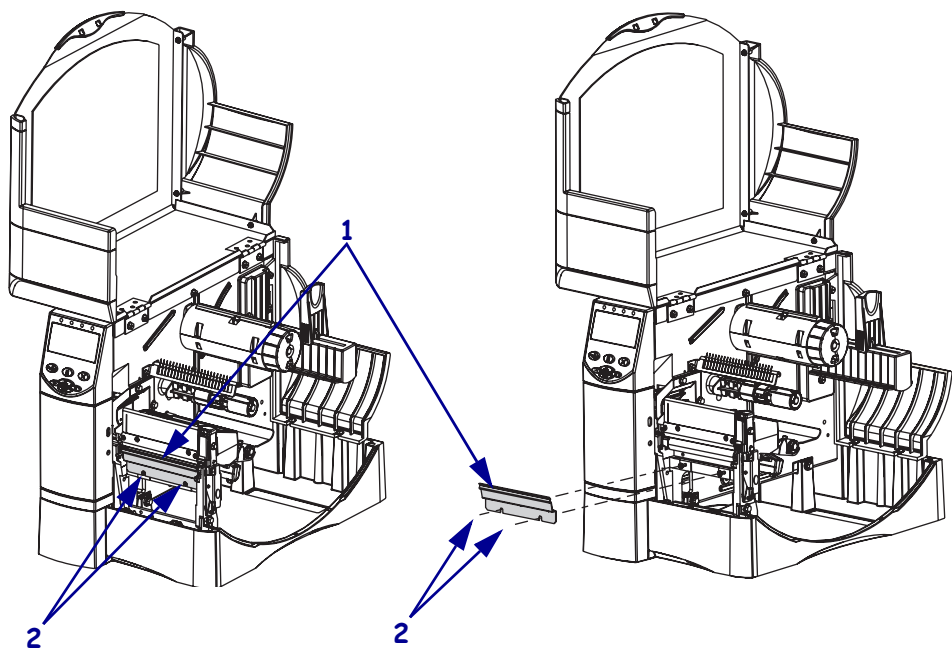
## Install the Peel Assembly



**Note** • If there is an existing peel assembly, it must be removed. If a peel assembly is not currently installed, the tear bar must be removed.  
Retain all parts removed during disassembly, unless otherwise directed.

1. See [Figure 12](#). Remove the two mounting screws and remove the tear bar.

Figure 12 • Remove the Tear Bar



1	Tear bar
2	Mounting screws (2)

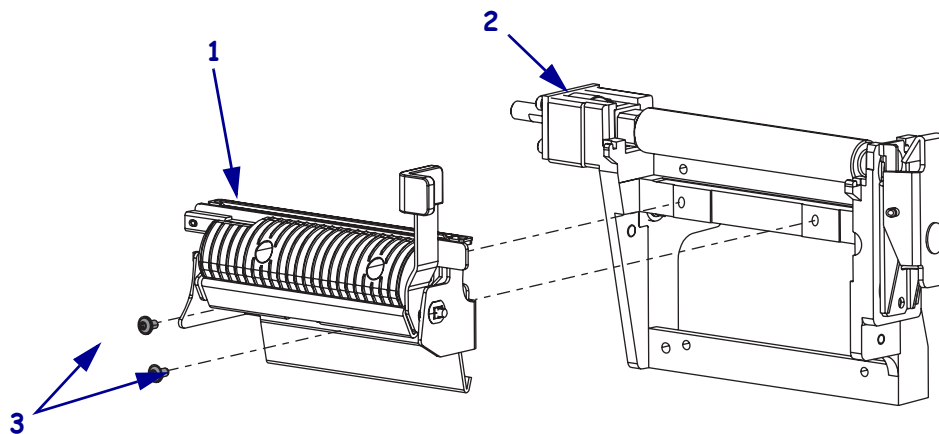
2. Do you have an existing peel assembly?

If...	Then...
No	Go to <a href="#">Install the New Peel Assembly</a> on page 15.
Yes	Continue with <a href="#">Remove the Existing Peel Assembly</a> .

## Remove the Existing Peel Assembly

1. See [Figure 13](#). Remove the two existing mounting screws.

**Figure 13 • Remove the Peel Assembly**



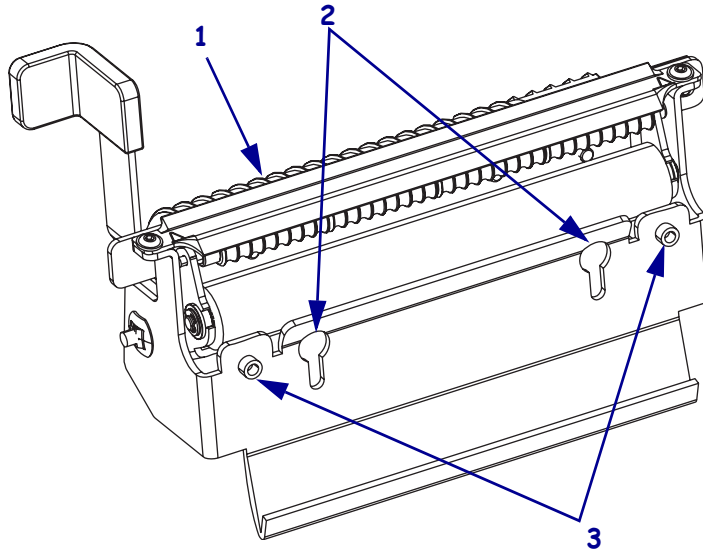
<b>1</b>	Peel assembly
<b>2</b>	Platen housing
<b>3</b>	Peel assembly mounting screws

2. Remove the peel assembly.

## Install the New Peel Assembly

1. Install the two mounting screws previously removed into the tear bar mounting screw holes.  
Tighten them to within 3.2 mm (1/8 in. ) of the platen housing.
2. See [Figure 14](#). Take note of the pems and the mounting slots.

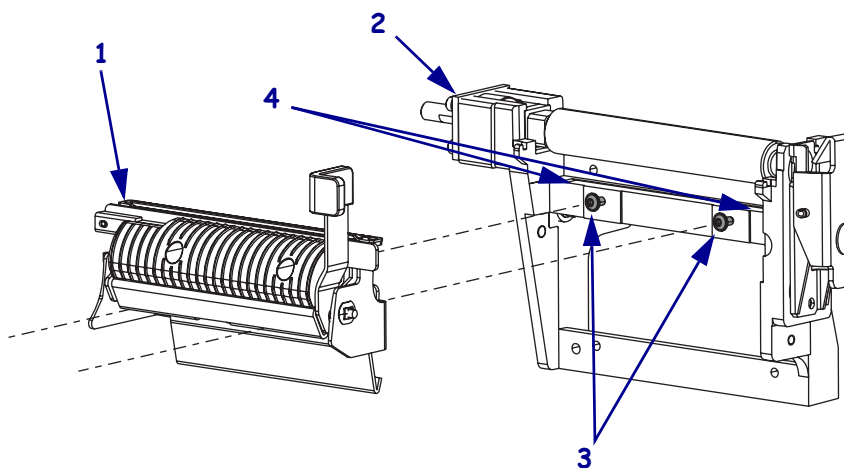
**Figure 14 • Locate the Pems**



1	Peel assembly
2	Mounting slots (2)
3	Pems (2)

3. See [Figure 15](#). Install the peel assembly with the pems to the rear and the opening in the mounting slot to the top.
  - a. Insert the mounting slot opening over the two screws and lift up on the assembly.
  - b. Push the assembly back against the vertical surface of the platen assembly then down so that the pems are resting on the horizontal surface of the platen housing.
4. Maintain a slight pressure downward on the peel assembly to keep the pems on the horizontal surface, and tighten the mounting screws.

**Figure 15 • Install the New Peel Assembly**



<b>1</b>	Peel assembly
<b>2</b>	Platen housing
<b>3</b>	Mounting screws (2)
<b>4</b>	Rest pems here.



Load the Media

Refer to [Figure 16](#) (Rewind) or [Figure 17](#) (Peel) while loading media.

1.
- Caution**

• When you are loading media or ribbon, remove all jewelry that could come into contact with the printhead or other printer parts.

Reinstall the media and ribbon.

2.
- a.

Slide the media supply guide to the outer edge of the media hanger.
- b.

Fold the media supply guide down.
- c.

Place the roll of media on the media supply hanger and push it on all the way.
- d.

Fold the media supply guide up.
- e.

Slide the media supply guide toward the outer edge of the media roll until it makes light contact.
- f.

Press the printhead open lever and raise the printhead assembly.
- g.

Feed the media under the dancer, between the transmissive sensor, under the ribbon sensor, and out the front of the printer.
- h.

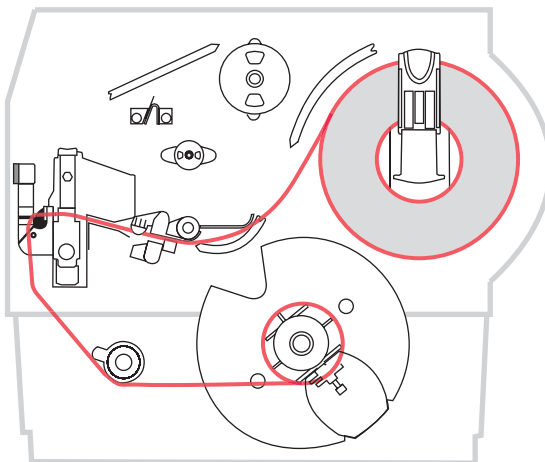
Slide the media guide in until it is against the outer edge of the media.
3.
- Choose the method to continue loading the media.

If you are loading for...	Then...
Rewind	See <a href="#">Figure 16</a> . Pass the media down over the front of the peel assembly, through the printer housing, and under the media alignment spindle.
Peel/Rewind	<div><div>a.</div><div>See <a href="#">Figure 17</a>. Open the peel assembly by rotating the lever forward.</div></div> <div><div>b.</div><div>Remove labels, leaving approximately 24 in. (610 mm) of liner.</div></div> <div><div>c.</div><div>Pass the liner over the peel bar, down behind the peel assembly, through the printer housing, and under the media alignment spindle.</div></div> <div><div>d.</div><div>Return the peel assembly to its operating position.</div></div>

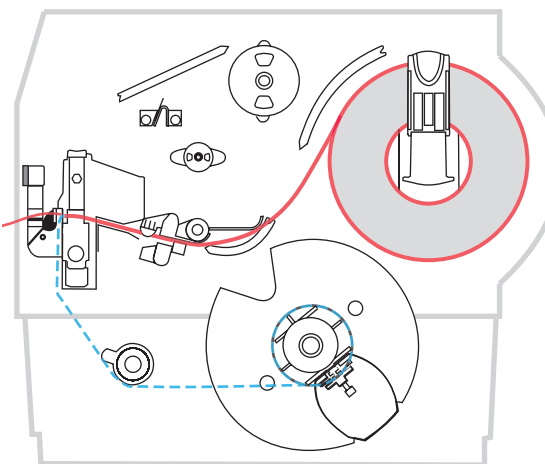
4.
- Loosen the thumbscrew on the rewind media guide.
5.
- Slide the rewind media guide to the end of the spindle and rotate it to its horizontal position.
6.
- Place an empty media core on the rewind spindle. Wrap the media (or liner, if using Peel Mode) around the core and turn the spindle counterclockwise to wind up the excess material.
7.
- Rotate the rewind media guide to its vertical position.
8.
- Slide it in against the media and tighten the thumbscrew to lock it in position.

9. Close the media cover.
10. Reconnect the AC power cord.
11. Turn the power on (I). Place the printer into Rewind or Peel Mode.

**Figure 16 • Load the Rewind Media**



**Figure 17 • Load the Rewind Peel Media**



## Align the Rewind/Peel Media



**Note** • The media/liner should be installed flush against the back plate of the take-up spindle to prevent the media/backing from winding too loosely.

Perform the following adjustment if the media does not track properly onto the take-up spindle.

See [Figure 18](#).

If want to move the media...	Then...
Toward the main frame	Turn the dial clockwise
Away from the main frame	Turn the dial counterclockwise

**Figure 18 • Align the Rewind Media**

