

Media Rewind Option Kit

Installation Instructions

This kit includes the parts and documentation necessary to install the Media Rewind Option Kit into the ZT600 series printers.

Read these instructions thoroughly before attempting to install this kit.

Parts List

Before proceeding, verify that your kit contains the items for your printer listed in [Table 1](#) on [page 2](#).

Figure 1 • Kit Contents

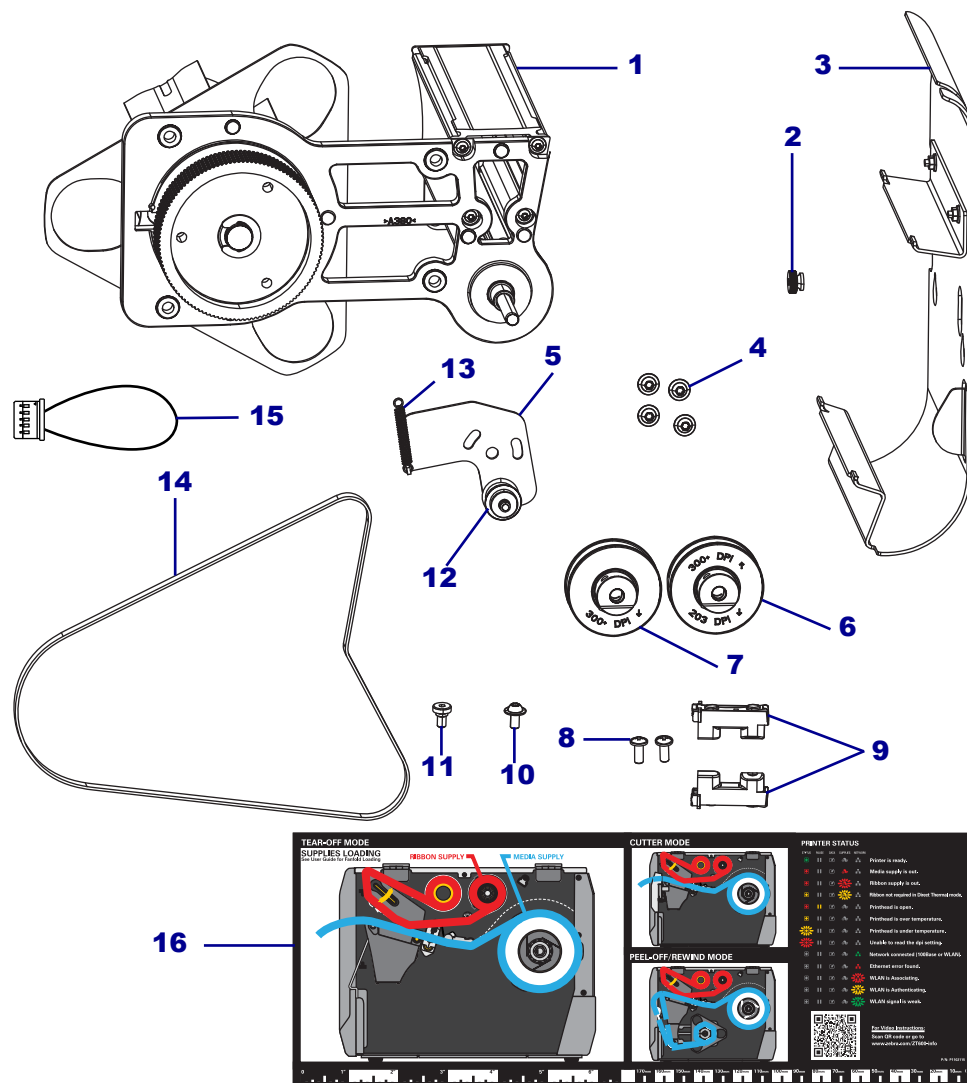


Table 1 • Kit Parts List

✓	Item	Qty	Description
	Ref	1	ZT610 Rewind Option Kit, 4 inch
			ZT620 Rewind Option Kit, 6 inch
	1	1	Rewind Assembly
	2	1	Knurled Nut
	3	1	ZT610 Rewind Plate Maintenance Kit
			ZT620 Rewind Plate Maintenance Kit
	4	4	Screw, M4 × 12, included in Miscellaneous Hardware Kit, P1083320-096
	5	1	Belt Tensioning Plate, included in the Rewind Drive System Kit, P1083320-058
	6	1	Rewind Platen Pulley, 203 DPI, included in the Rewind Drive System Kit, P1083320-058
	7	1	Rewind Platen Pulley, 300/600 DPI, included in the Rewind Drive System Kit, P1083320-058
	8	2	Screw, M4 × 10, included in Miscellaneous Hardware Kit, P1083320-096
	9	2	Take-Label Sensor Kit
	10	1	Screw, M4 × 8, included in Miscellaneous Hardware Kit, P1083320-096
	11	1	Shoulder Screw
	12	1	Idler Pulley, included in the Idler Pulley and Tension Spring Maintenance Kit, P1083320-055
	13	1	Spring, included in the Idler Pulley and Tension Spring Maintenance Kit, P1083320-055
	14	1	Drive Belt Kit
	15	1	Rewind Module Jumper Cable, included in Kit Electronics Cables ZT600 Series, P1083320-046
	16	1	Media Loading Label
N/A = Not available as a separate part (listed for identification purposes only). Bold = Part available for purchase.			

Tools Required



Tools • You need these tools to complete this procedure:

- ☐ Phillips Screwdriver Set
- ☐ Antistatic Wriststrap and Mat
- ☐ Metric Hex Key (Allen Wrench) Set
- ☐ Safety Glasses
- ☐ Torx-Head Wrench Set

Remove the Tear-Off Front Trim Panel



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

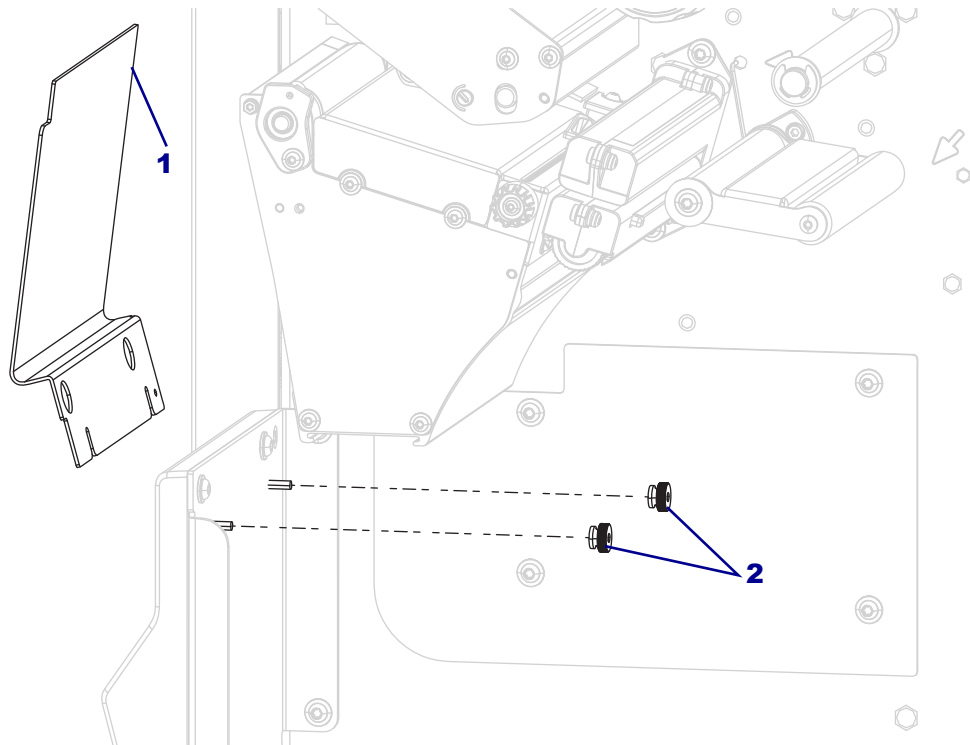
Turn off (O) the printer and disconnect the AC power cord and all data cables.

- 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.

- See [Figure 2](#). Remove the two tear-off front trim panel mounting screws.

Figure 2 • Remove the Tear-Off Front Trim Panel



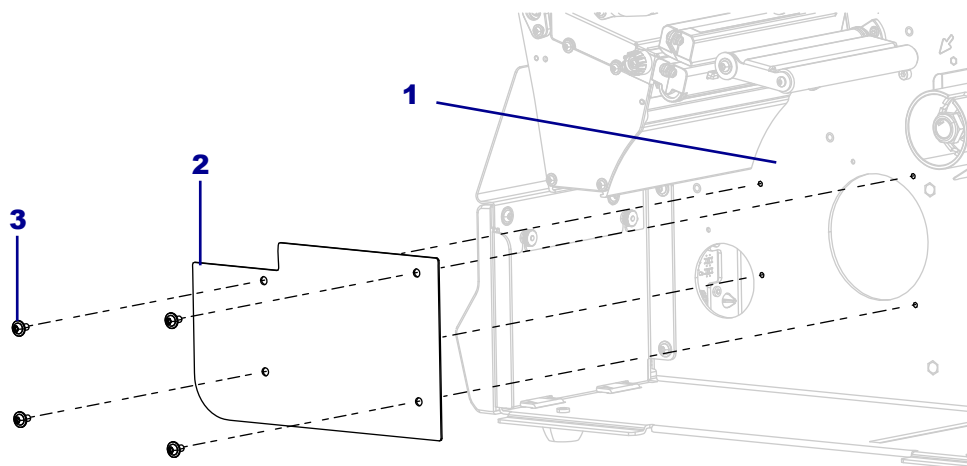
1	Tear-off front trim panel
2	Tear-off front trim panel mounting nuts (2)

- Tip the top of the tear-off front trim panel forward, and then slide the tear-off front panel out of the printer.

Install the Media Rewind Assembly

1. See [Figure 3](#). Remove the rewind option cover plate by removing the four screws securing it to the main frame.

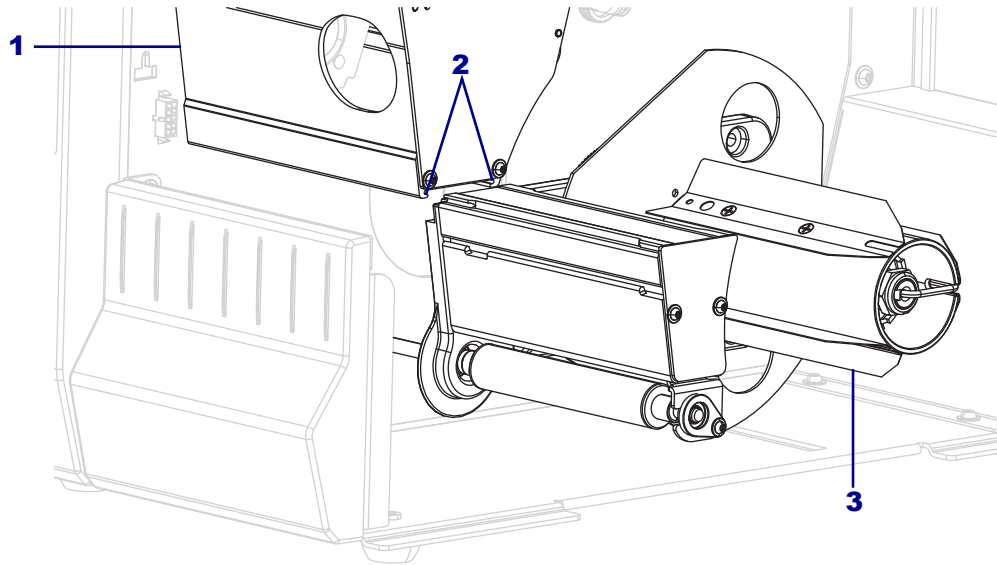
Figure 3 • Remove the Rewind Option Cover Plate



1	Main frame
2	Rewind option cover plate
3	Rewind option cover plate mounting screws (4)

2. See [Figure 4](#). Align the rewind assembly with the lower print mechanism slides.

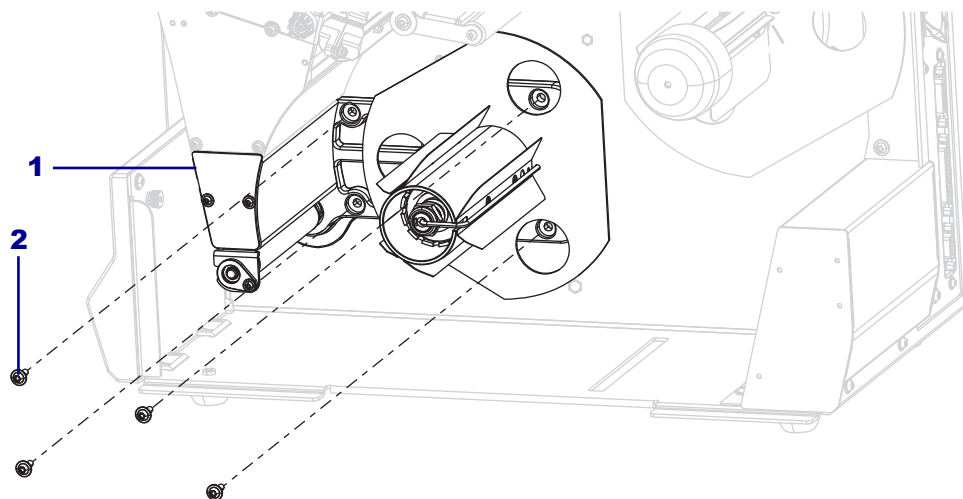
Figure 4 • Align the Rewind Assembly with Slides



1	Lower print mechanism
2	Lower print mechanism slides
3	Rewind assembly

3. See [Figure 5](#). Slide the rewind assembly into the lower print mechanism slides until it stops at the main frame.

Figure 5 • Slide the Rewind Assembly into the Printer



1	Rewind assembly
2	Rewind assembly mounting screws (4)

4. Install the four rewind assembly mounting screws.

Remove the Electronics Cover

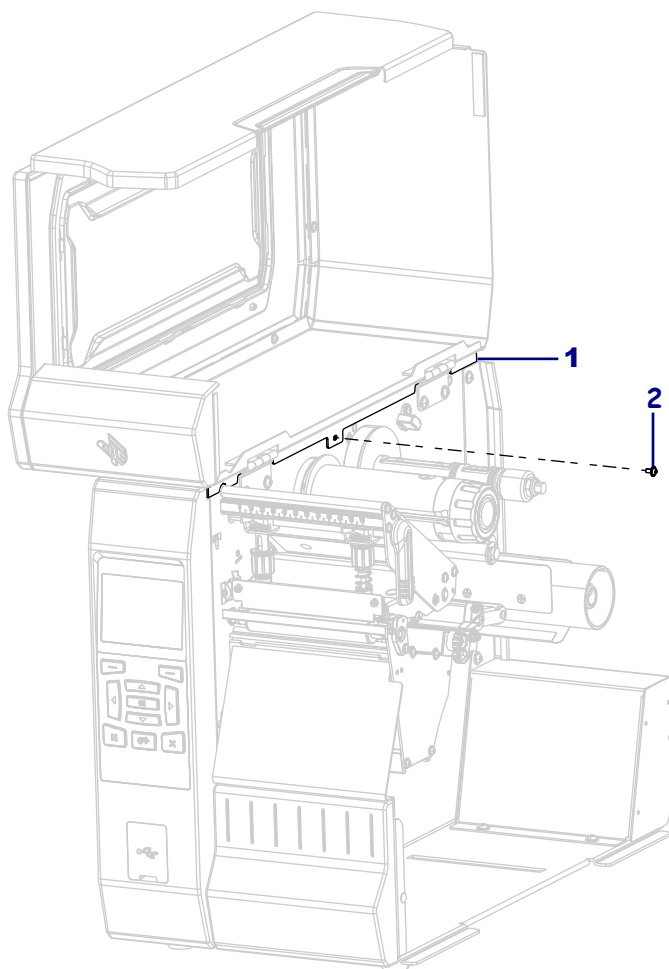


1. **Caution** • Observe proper electrostatic safety precautions when handling static-sensitive components such as circuit boards and printheads.

Connect yourself to an antistatic device.

2. See [Figure 6](#). Open the media door, and then remove the electronics cover mounting screw.

Figure 6 • Remove the Electronics Cover Mounting Screw

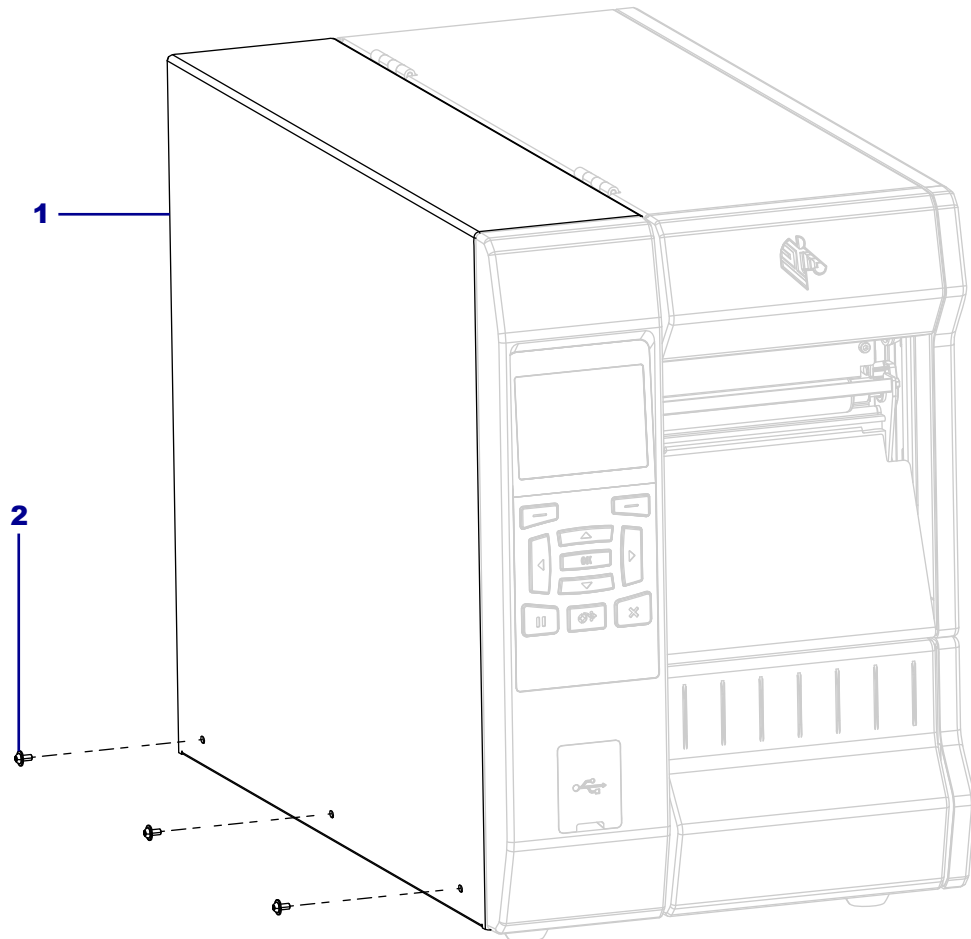


1	Electronics cover
2	Electronics cover mounting screw

3. Close the media door.

4. See [Figure 7](#). Remove the three electronics cover mounting screws.

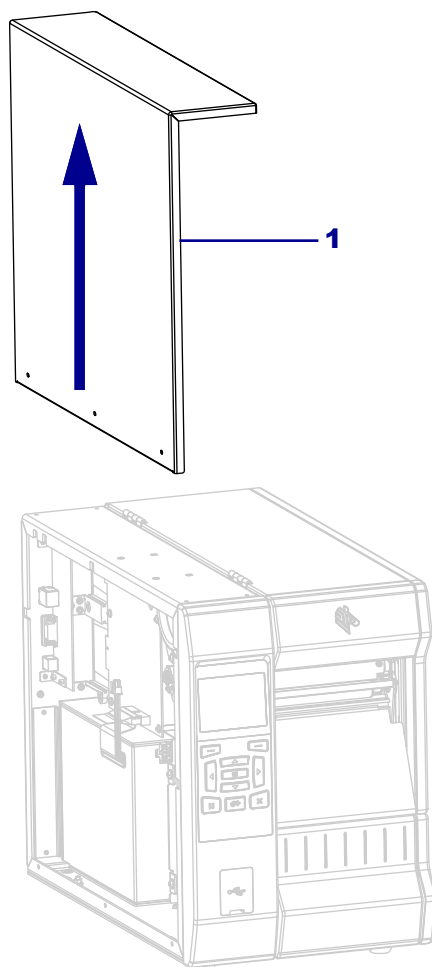
Figure 7 • Remove the Mounting Screws



1	Electronics cover
2	Electronics cover mounting screws (3)

5. See [Figure 8](#). Lift the electronics cover off of the printer.

Figure 8 • Lift the Electronics Cover Off of the Printer



1	Electronics cover
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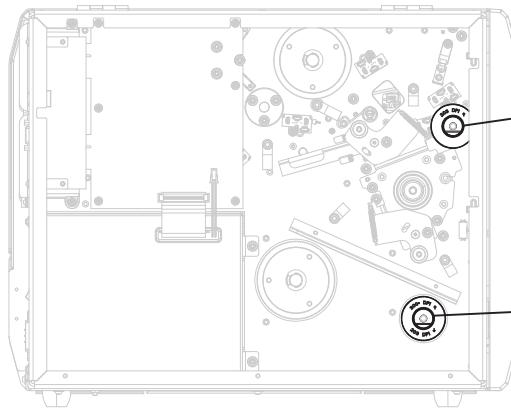
Install the Rewind Pulley, Tensioner, and Belt

1. See [Figure 9](#). Choose the proper DPI rewind platen pulley from the kit. Verify the DPI of the printer by matching the platen roller pulley to the illustration.

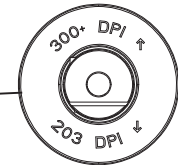
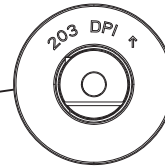
Figure 9 • Pulley Locations

For this platen roller pulley configuration...

203 DPI

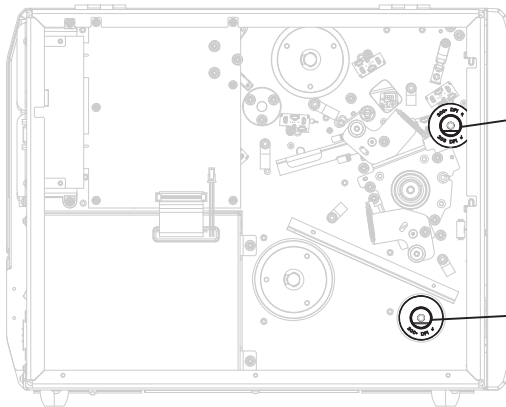


Use this rewind platen pulley

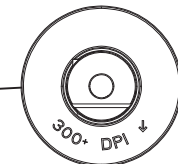
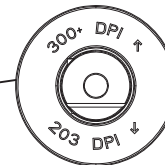


For this platen roller pulley configuration...

300/600 DPI



Use this rewind platen pulley

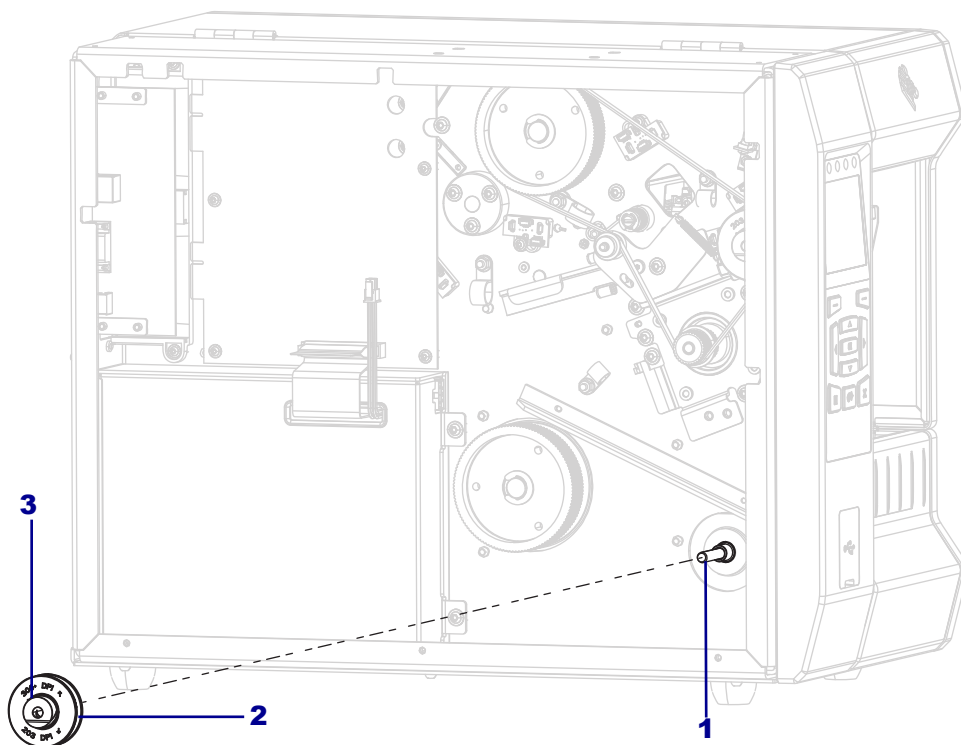


10 | Media Rewind Option

Install the Rewind Pulley, Tensioner, and Belt

2. See [Figure 10](#). Install the rewind platen pulley onto the rewind platen roller.

Figure 10 • Install the Rewind Platen Pulley

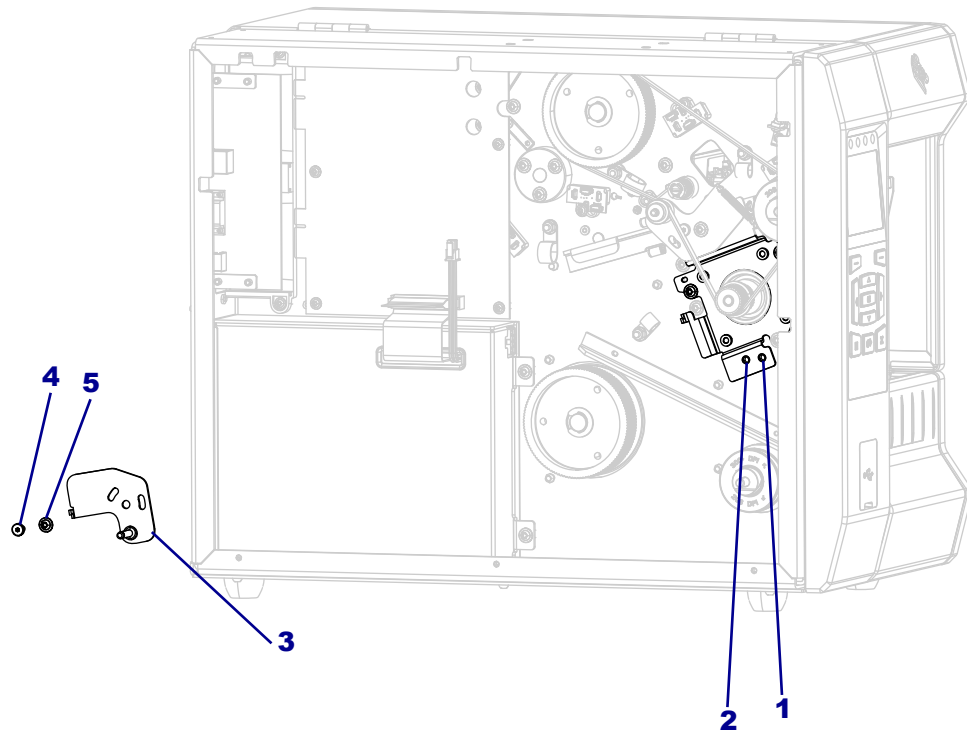


1	Rewind platen roller shaft
2	Rewind platen pulley
3	Rewind platen pulley mounting screw

3. Tighten the pulley mounting screw.

4. See [Figure 11](#). Align the tensioner with the two mounting holes.

Figure 11 • Install the Rewind Belt Tensioner



1	Tensioner locking screw mounting hole
2	Tensioner shoulder screw mounting hole
3	Tensioner assembly
4	Tensioner shoulder screw
5	Tensioner locking screw

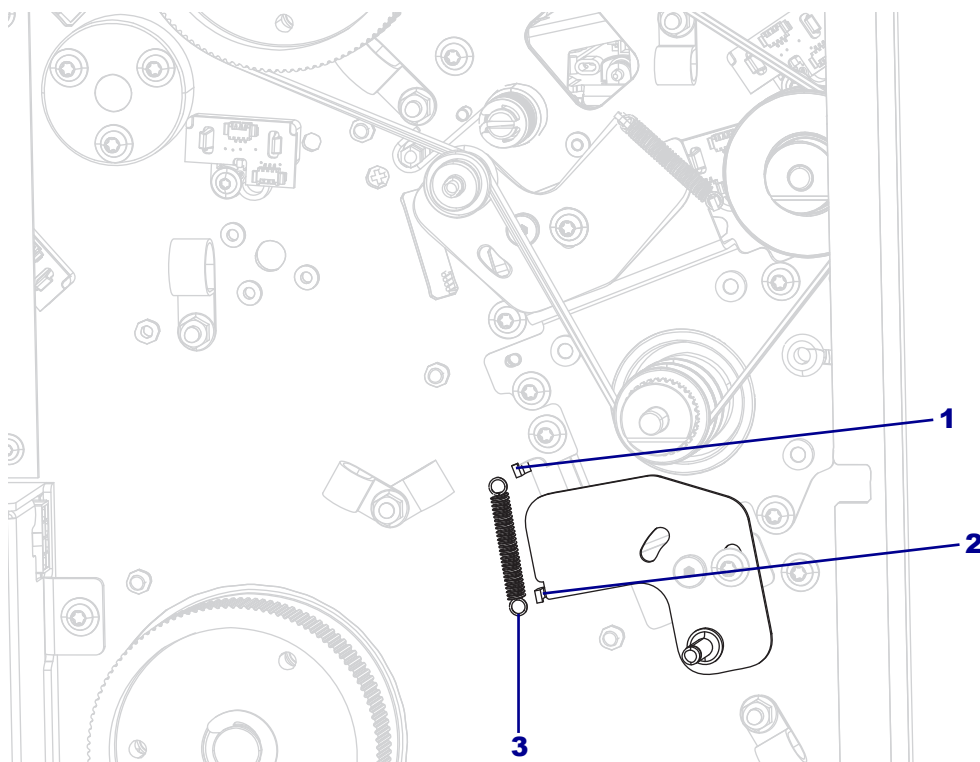
5. Install and tighten the shoulder screw.
6. Install, but do not tighten the locking screw.



7. **Caution** • Wear protective eyewear when installing or removing E-rings, C-clips, snap rings, springs, and mounting buttons. These are under tension and could fly off.

See [Figure 12](#). Install the rewind tensioner expansion spring onto the two mounting hooks.

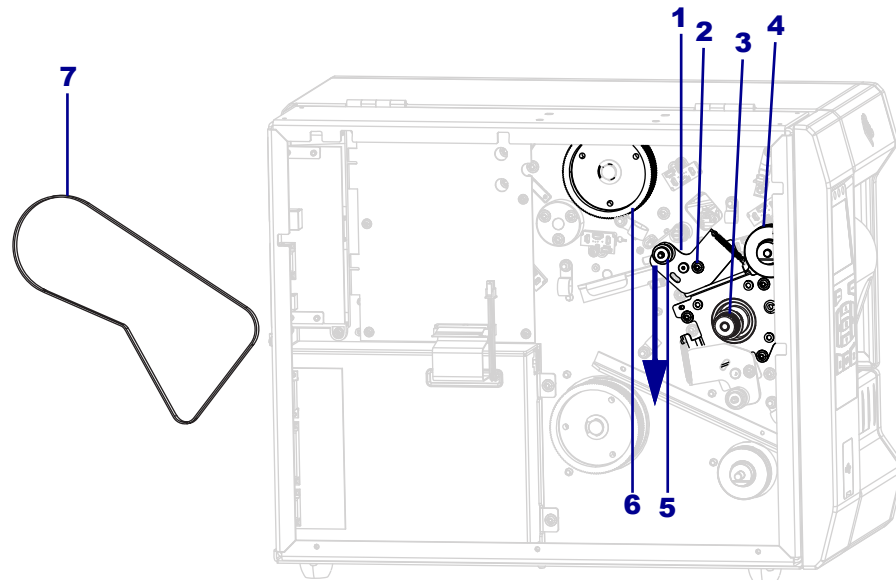
Figure 12 • Install the Rewind Tensioner Expansion Spring



1	Upper mounting hook
2	Lower mounting hook
3	Expansion spring

8. See [Figure 13](#). Loosen the locking screw on the main drive belt tensioner.

Figure 13 • Remove the Main Drive Belt

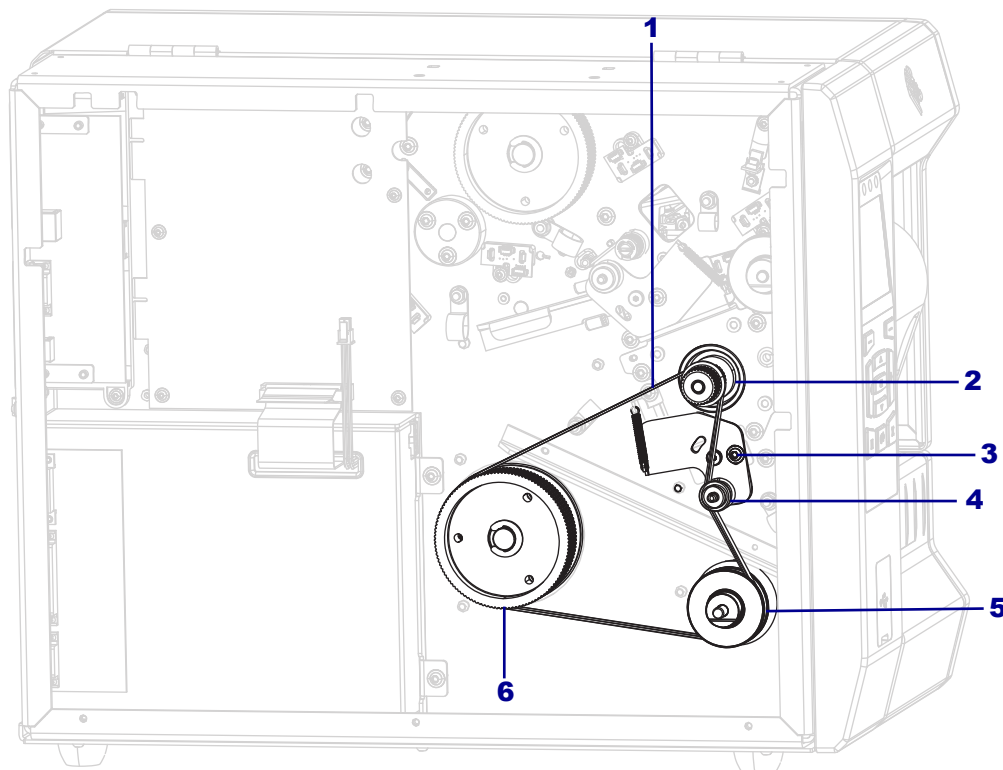


1	Main drive belt tensioner
2	Main drive belt tensioner locking screw
3	Stepper motor pulley
4	Upper platen pulley
5	Main drive belt idler pulley
6	Ribbon take-up pulley
7	Main drive belt

9. Move the main drive belt tensioner down to extend the spring.
10. Tighten the locking screw.
11. Slide the main drive belt out of the printer.

12. See [Figure 14](#). Install the idler pulley onto the tensioner shaft, as shown.

Figure 14 • Install the Rewind Drive Belt

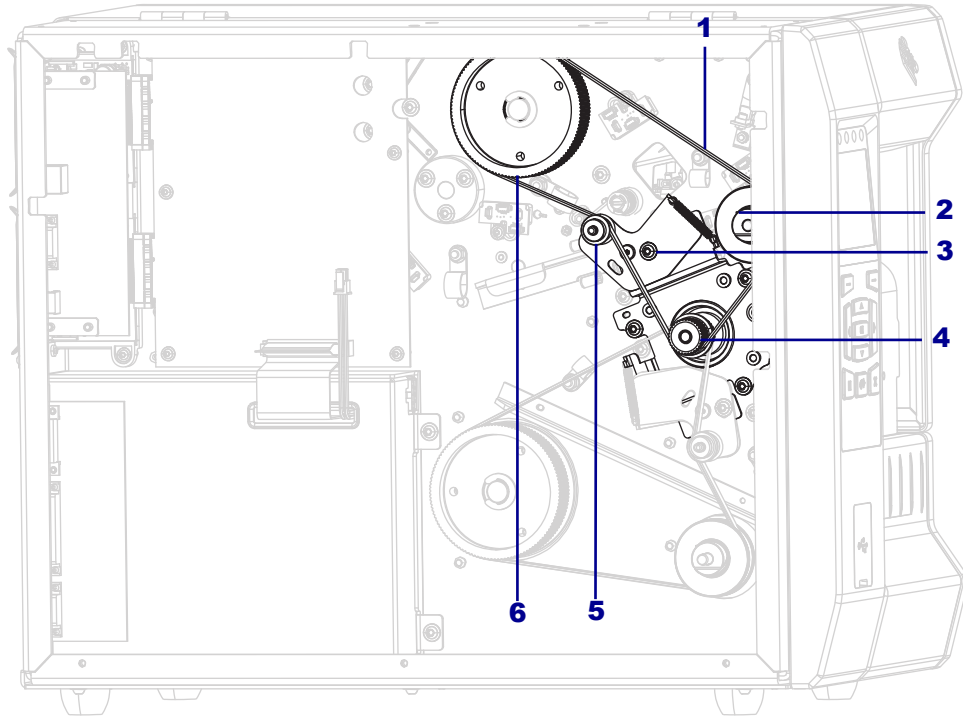


1	Rewind drive belt
2	Stepper motor pulley
3	Rewind tensioner locking screw
4	Rewind tensioner idler pulley
5	Lower platen roller pulley
6	Rewind spindle pulley

13. Move the rewind tensioner to extend the spring, and then tighten the locking screw.
14. Slide the rewind belt around the inside pulley on the stepper motor, around the lower platen pulley, and around the rewind spindle pulley.
15. Loosen the rewind tensioner locking screw.
16. Rotate the belt several times to seat the belt on all the pulleys.
17. Tighten the locking screw on the rewind tensioner.

18. See [Figure 15](#). Reinstall the main drive belt around the outside stepper motor pulley, the upper platen roller pulley, and around the ribbon take-up spindle pulley, as shown.

Figure 15 • Reinstall the Main Drive Belt



1	Main drive belt
2	Upper platen roller pulley
3	Main drive belt tensioner locking screw
4	Stepper motor pulley
5	Main drive belt tensioner idler pulley
6	Ribbon take-up spindle pulley

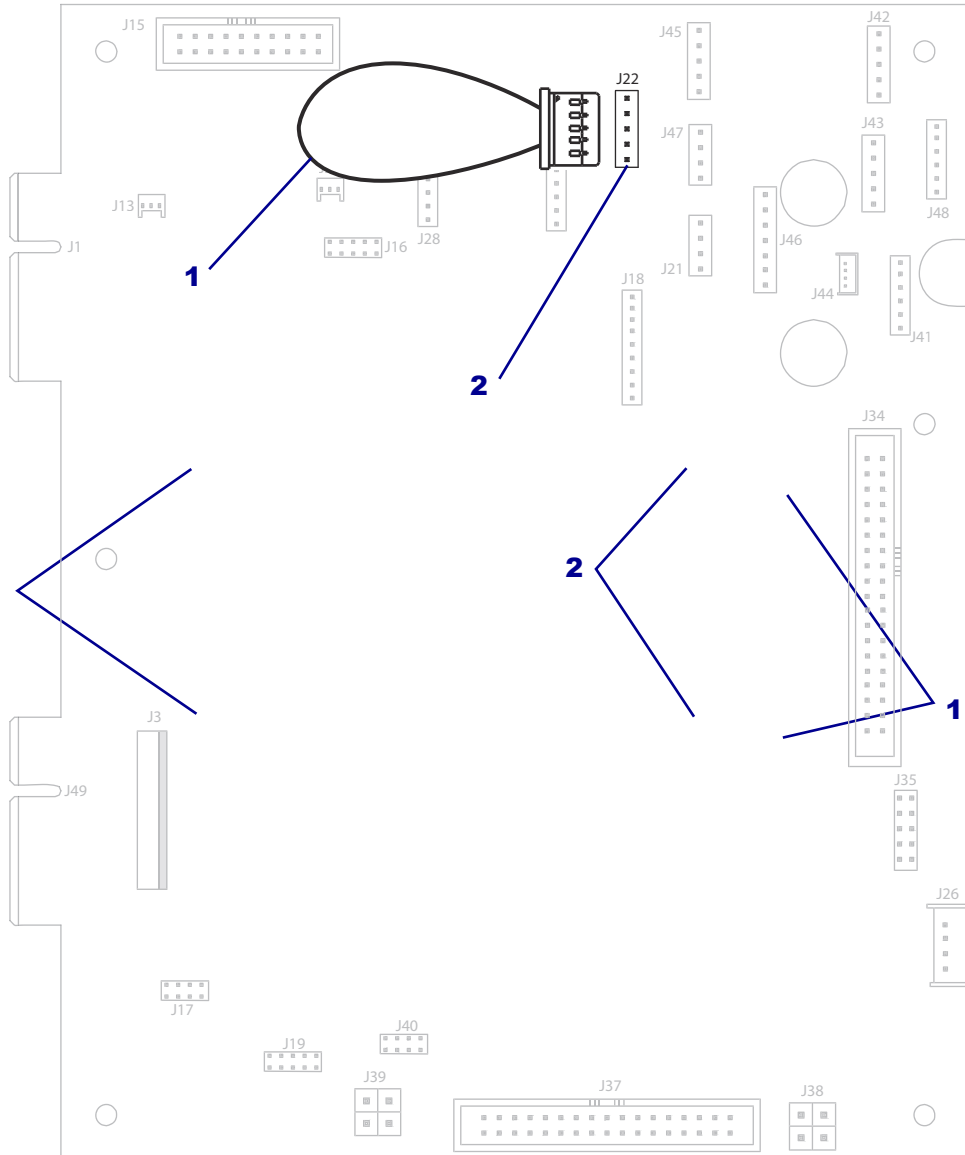


Note • Ensure that the main drive belt is on the inside part of the idler pulley.

19. Loosen the rewind tensioner locking screw.
20. Rotate the belt several times to seat the belt on all the pulleys, and then tighten the locking screw on the main drive belt tensioner.

21. See [Figure 16](#). Install the rewind module jumper cable to J22 on the main logic board (MLB). The jumper cable indicates that the rewind module is present.

Figure 16 • Install Rewind Module Jumper Cable

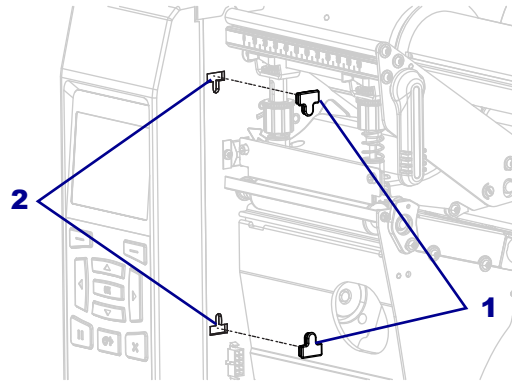


1	Rewind Module Jumper Cable
2	J22: Rewind Module

Install the Take-Label Sensors

1. See [Figure 17](#). Remove the two take-label covers from the printer main frame.

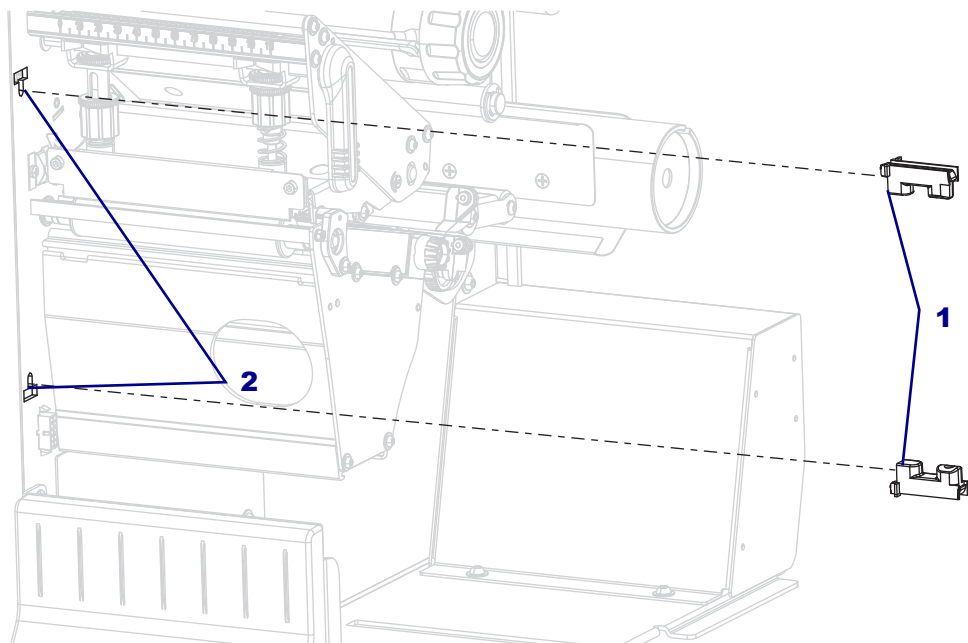
Figure 17 • Remove the Take-Label Mounting Hole Plugs



1	Take-label mounting hole plugs (2)
2	Take-label mounting holes (2)

2. See [Figure 18](#). Slide the two take-label sensors into the printer mounting holes.

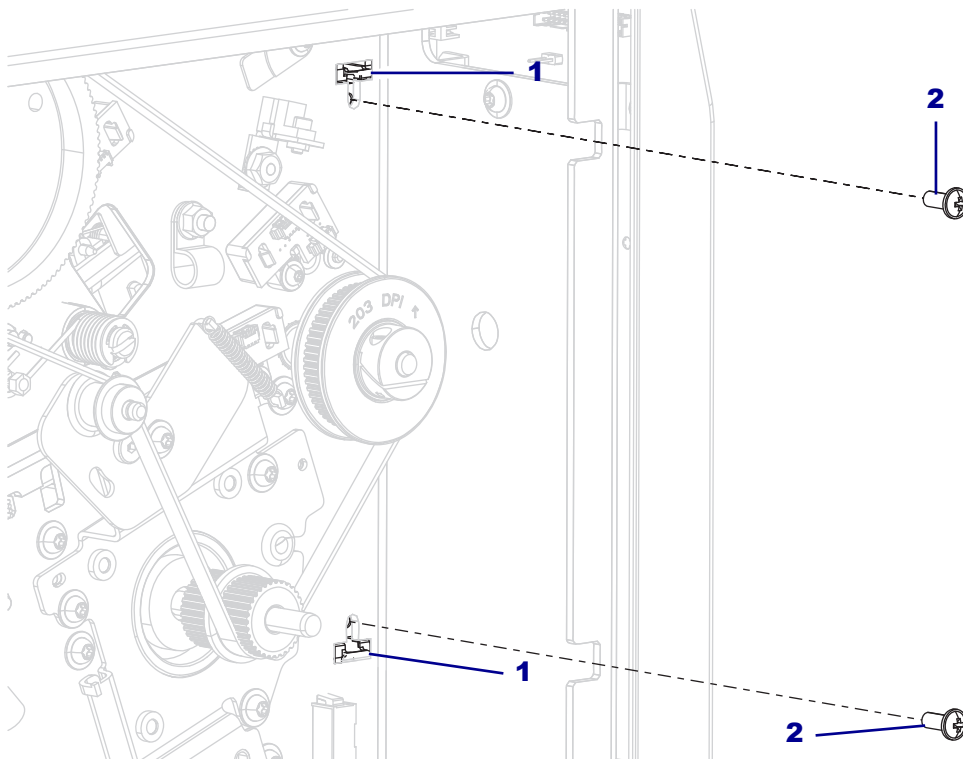
Figure 18 • Install the Take-Label Sensors



1	Take-label sensor (2)
2	Mounting holes (2)

3. See [Figure 19](#). Install the two mounting screws securing the take-label sensors to the main frame.

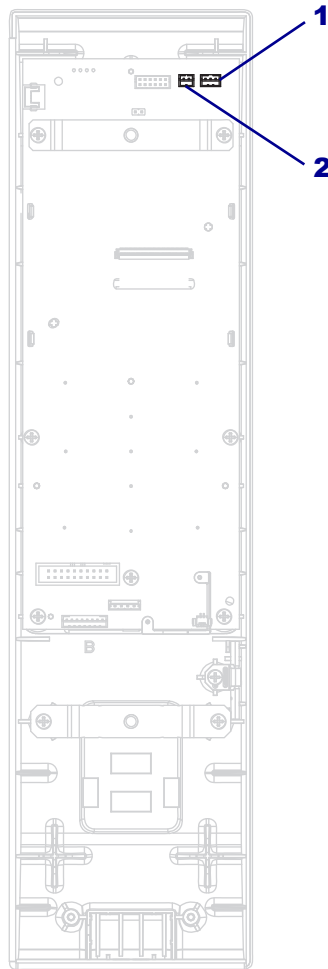
Figure 19 • Install the Take-Label Sensor Mounting Screws



1	Take-label sensor (2)
2	Mounting screws (2)

4. See [Figure 20](#). Connect the take-label sensors to J7 and J8 on the control panel.

Figure 20 • Connect the Take-Label Sensors

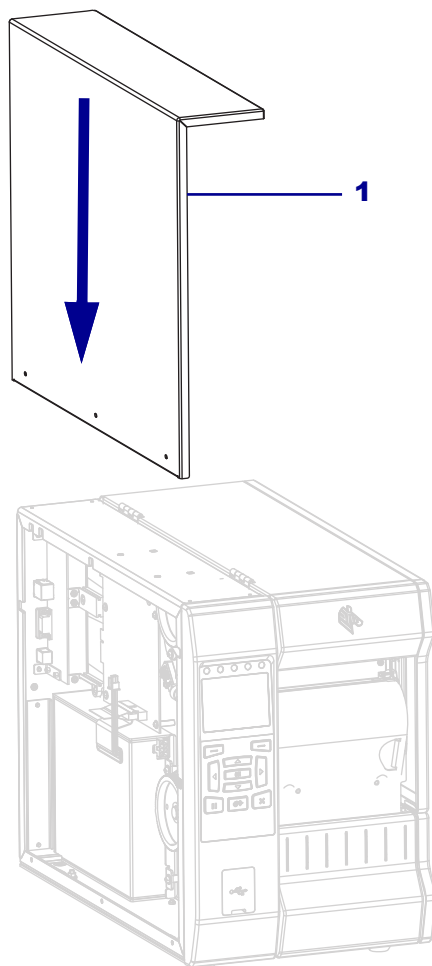


1	Lower take-label sensor connector
2	Upper take-label sensor connector

Reinstall the Electronics Cover

1. See [Figure 21](#). Slide the electronics cover onto the printer.

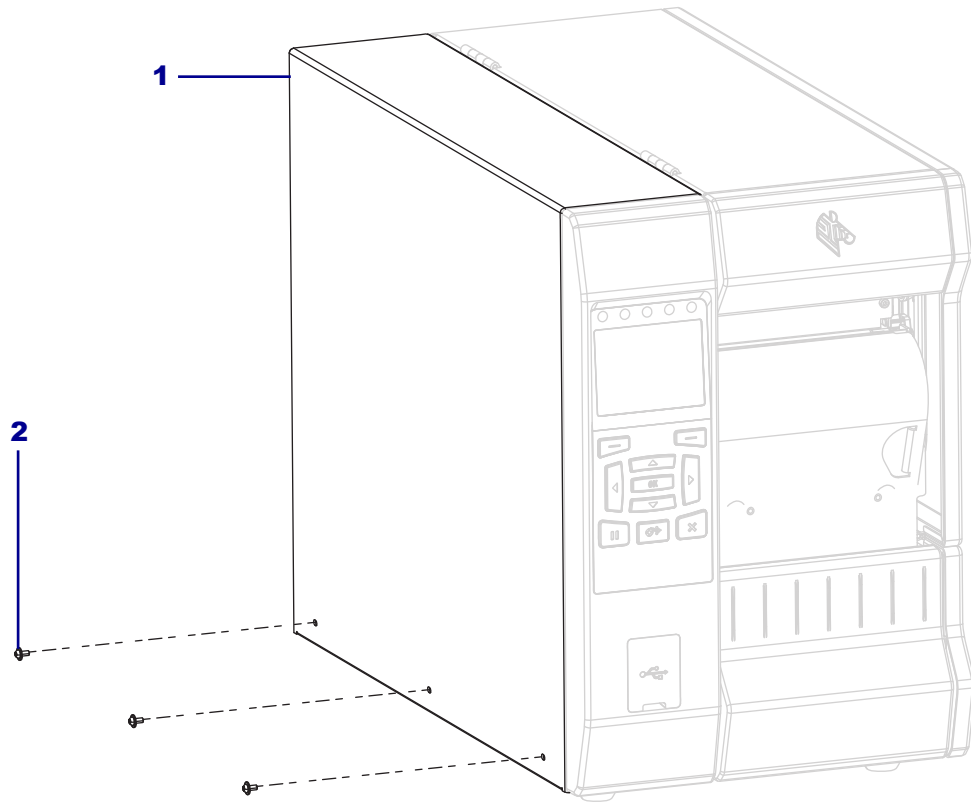
Figure 21 • Slide the Electronics Cover onto the Printer



1	Electronics cover
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2. See [Figure 22](#). Install the three electronics cover mounting screws.

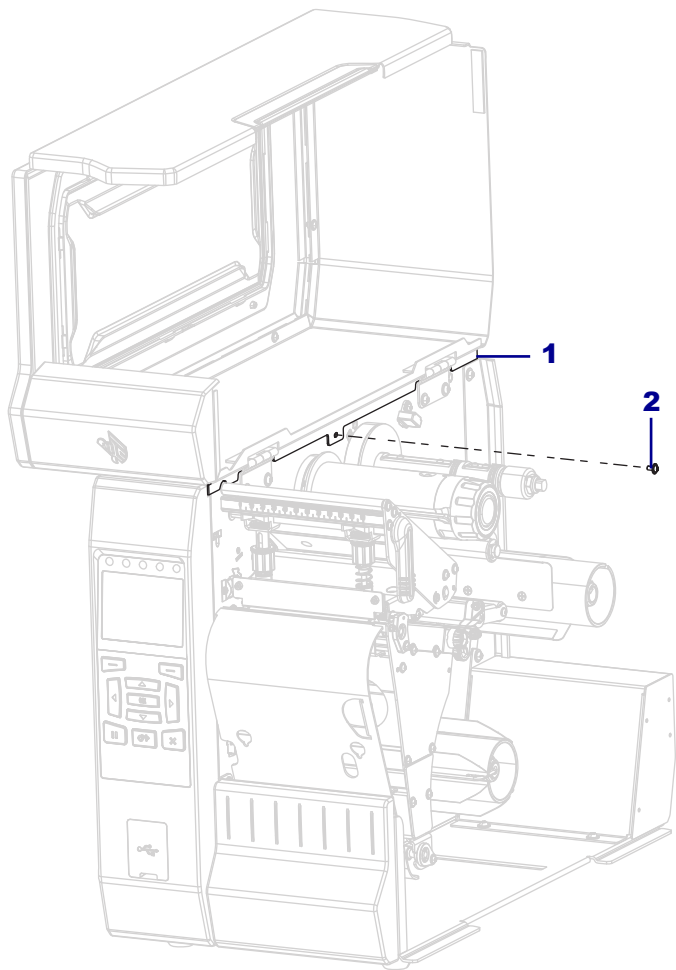
Figure 22 • Install the Mounting Screws



1	Electronics cover
2	Electronics cover mounting screws (3)

3. See [Figure 23](#). From the media side, open the media door and install the electronics cover mounting screw.

Figure 23 • Install the Media Side Mounting Screw

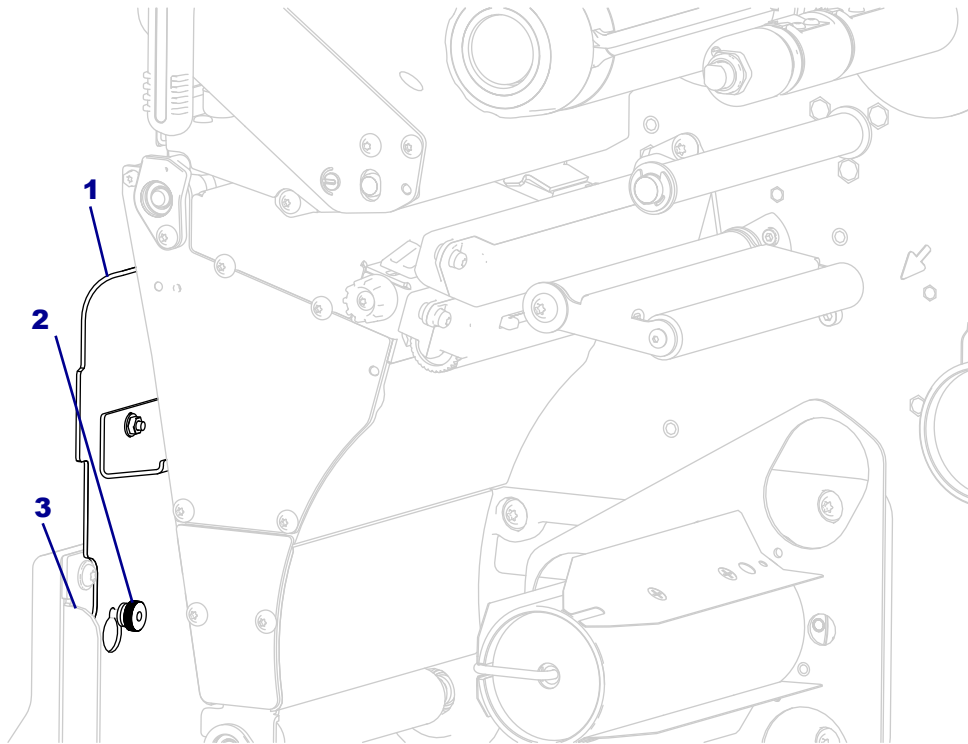


1	Electronics cover
2	Electronics cover mounting screw

Install the Rewind Plate for Peel/Tear

1. See [Figure 24](#). Start the outermost knurled nut onto the stud on the printer's base.

Figure 24 • Install the Rewind Plate for Peel/Tear



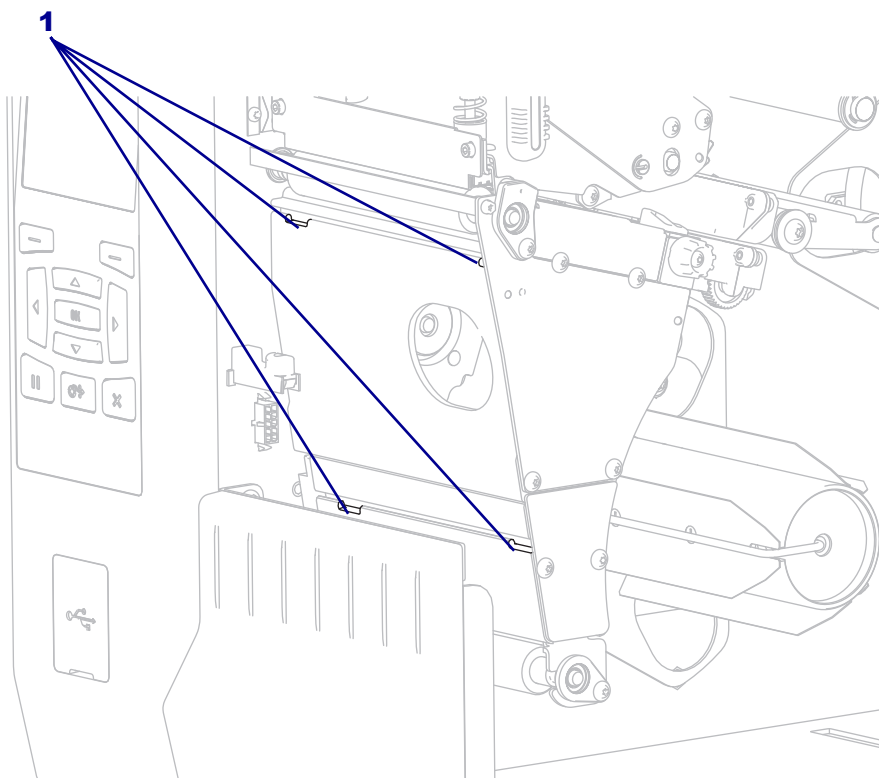
1	Rewind plate
2	Knurled nuts (2)
3	Printer base

2. Align the large hole of the keyhole in the rewind plate over the knurled nut, and then slide the plate down until it hits the studs.
3. Tighten the knurled nut.

Install the Rewind Plate

1. See [Figure 25](#). Locate the four rewind plate mounting slots.

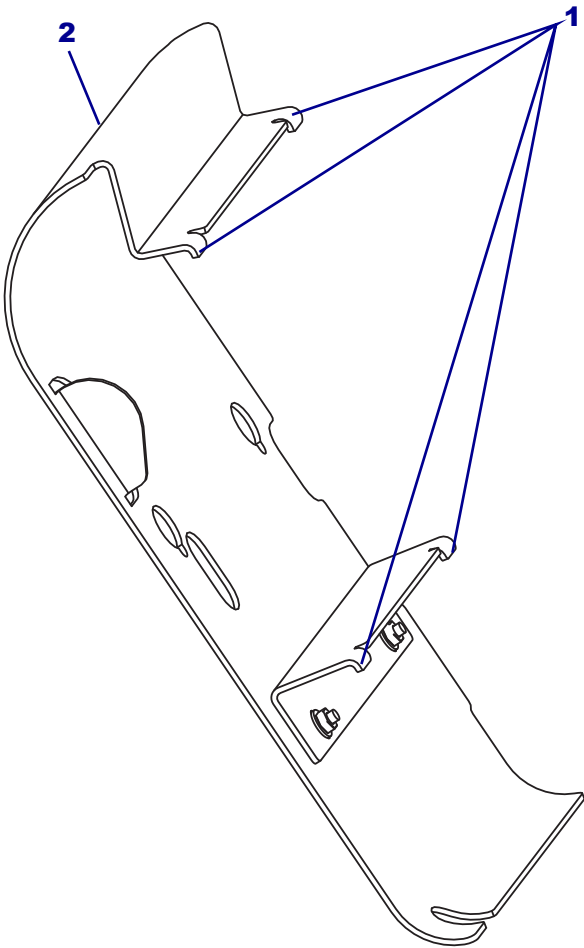
Figure 25 • Install the Rewind Plate



1	Rewind plate mounting slots (4)
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2. See [Figure 26](#). Locate the four mounting tabs.

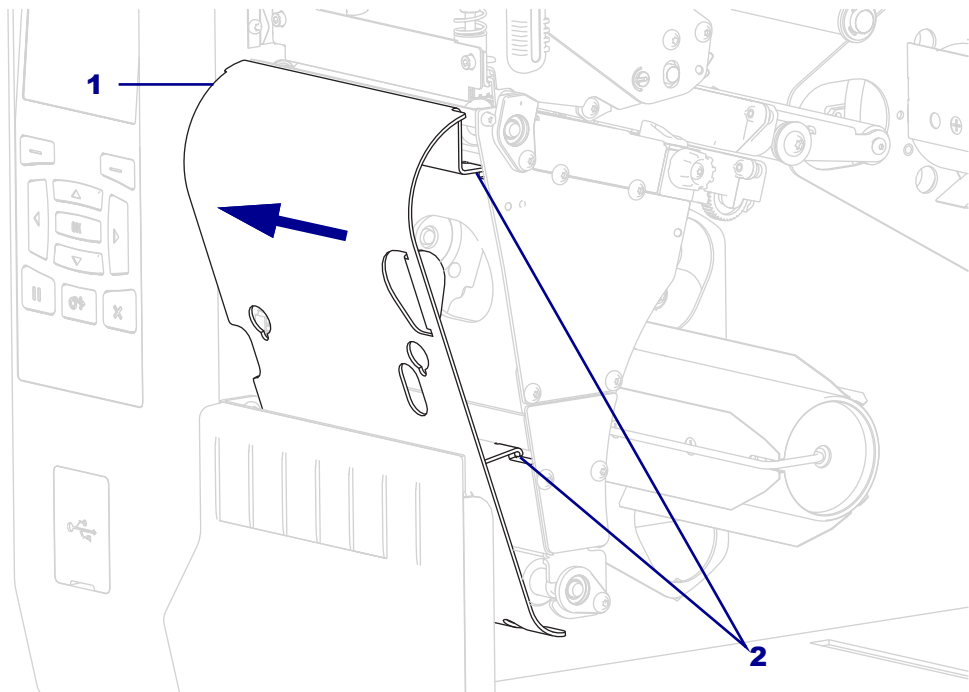
Figure 26 • Locate the Mounting Tabs



1	Rewind plate mounting tabs (4)
2	Top of the rewind plate

3.
- See [Figure 27](#). Insert the mounting tabs of the rewind plate into the mounting slots of the printer, and then slide the rewind plate to the left until it will not go any farther.

Figure 27 • Install the Rewind Plate



1	Rewind plate mounting tabs (4)
2	Top for rewind installation

Apply the Rewind Loading Label

1. Remove the loading label from the kit.
2. See [Figure 28](#). Install the label on the inside top of the media door. Align and center the media loading label with the hinges on top of the media door.

Figure 28 • Install the Media Loading Label



1	Media door
2	Media loading label
3	Hinges

Complete the Installation

1. Reinstall the media and ribbon.
2. Reconnect all data cables.
3. Reconnect the AC power cord.
4. Turn on (I) the printer.

The installation is complete.



Printed in
on chlorine-free
recycled paper.



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