

Installation Instructions

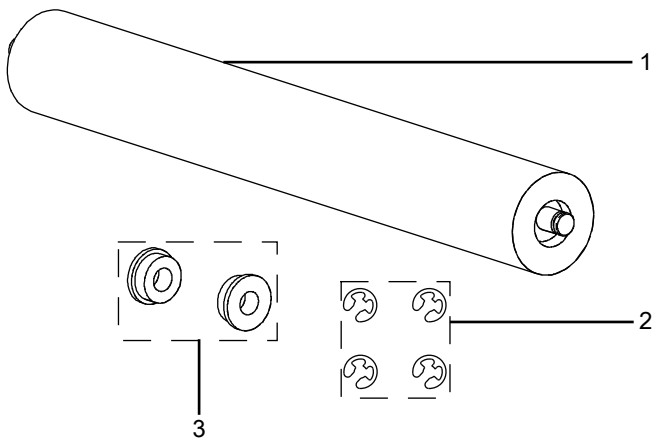
This kit includes the parts and documentation necessary to install the Pinch Roller Maintenance Kit into the following printers:

- ZT410/ZT420
- ZT411/ZT421

Read these instructions thoroughly before attempting to install this kit.

Parts List

Before proceeding, verify that the kit contains the following items. To reorder specific parts, navigate to zebra.com/parts, and select the printer model.



✓	Item	Description	Qty
	Ref	Pinch Roller Maintenance Kit	
	1	Pinch Roller	1
	2	E-Ring, 3 mm	4
	3	Flanged Ball Bearing	2

Tools Required

- Flat-blade Screwdriver Set
- Metric Hexalobular Wrench Set
- Safety Goggles

Prepare for Installation



NOTE: Retain all parts removed during disassembly, unless otherwise directed.



CAUTION: Turn off (O) the printer and disconnect it from the power source before performing the following procedure.

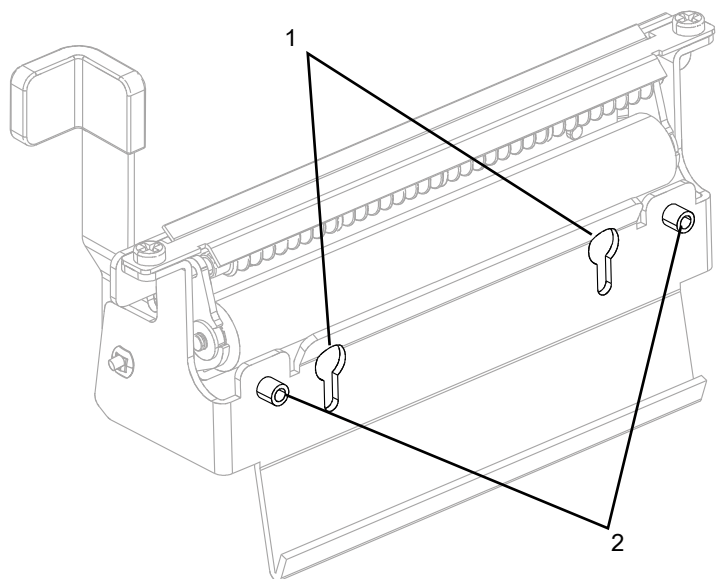


CAUTION—ESD: Observe proper electrostatic safety precautions when handling static-sensitive components such as circuit boards and printheads.

Remove the Pinch Roller

- 1. Open the media door and remove media from the printer.
- 2. See [Figure 1](#). Lower the pinch roller holder assembly to the open position.

Figure 1 Rear View of Peel Assembly



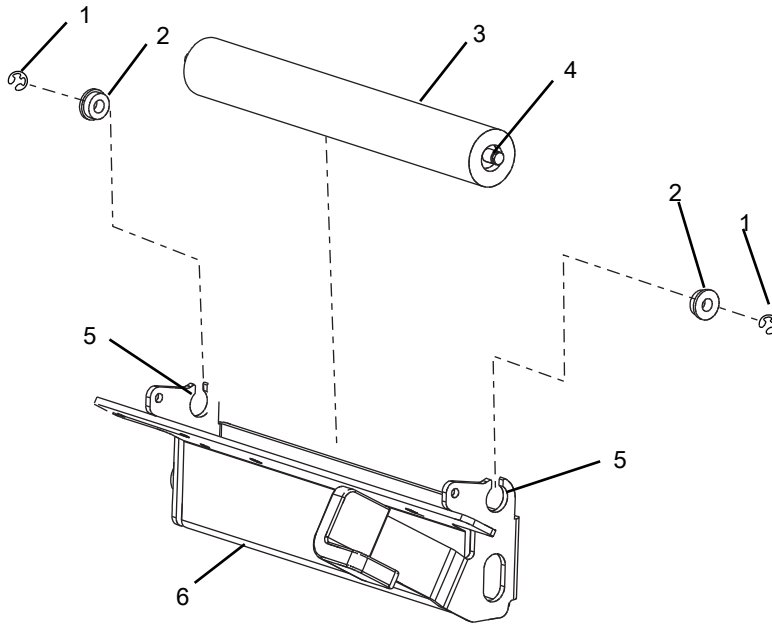
Item	Description	Qty
1	Mounting slots	2
2	Pems	2



CAUTION—EYE INJURY: 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.

1. See [Figure 2](#). Using a small flat blade screwdriver or an awl, remove and discard the two E-rings.
2. Remove and discard the bearings and old pinch roller.

Figure 2 Removing and Installing E-rings and Bearings



Item	Description	Qty
1	E-rings	2 used, 2 spares
2	Roller bearings	2
3	Pinch roller	1
4	Groove for E-ring	1
5	Pinch roller mounting hole	-
6	Pinch roller holder assembly	-

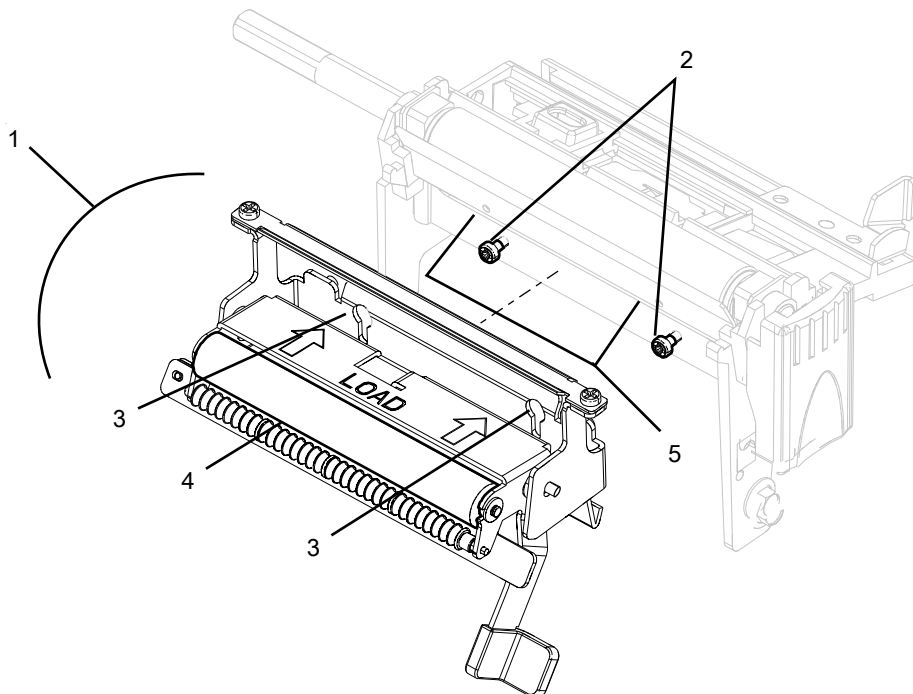


NOTE: If you have trouble reaching the E-rings and have a peel assembly installed, you may have to remove it to access the E-rings.

Install the Pinch Roller

1. See [Figure 2 on page 3](#). Install the new pinch roller in the pinch roller mounting holes.
2. Install the two new bearings on the shaft of the pinch roller, flange facing out, as shown.
3. Install two new E-rings in the grooves on the roller shaft.
4. See [Figure 1 on page 2](#). Notice the pems and the mounting slots.
5. See [Figure 3](#). 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 housing then down, so that the pems are resting on the horizontal surface of the platen housing.

Figure 3 Installing Peel Roller Assembly



Item	Description	Qty
1	Peel assembly	-
2	Mounting screw	2
3	Mounting holes	-
4	Pinch roller	-
5	Rest the pems on the housing here.	-

6. Maintain a slight downward pressure on the peel assembly to keep the pems on the horizontal surface, and tighten the mounting screws.
7. Raise the pinch roller assembly to the closed position. Ensure the pinch holder assembly snaps into position and exerts force on the platen roller.

Resume Printer Operation

1. Reinstall media and ribbon (if used).
2. Close the media door.
3. If you disconnected the AC power cord and interface cables, reconnect them, and then turn on the printer power.
4. If necessary, press Pause to resume printer operation.

The installation is complete.