

Pinch and Peel Roller Maintenance Kit

Installation Instructions

This kit includes the parts and documentation necessary to install the Pinch and Peel Roller Maintenance Kit in the ZE500™ Series Print Engines. Read these instructions thoroughly before installing this kit.

Parts List

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

Figure 1 • Kit Contents

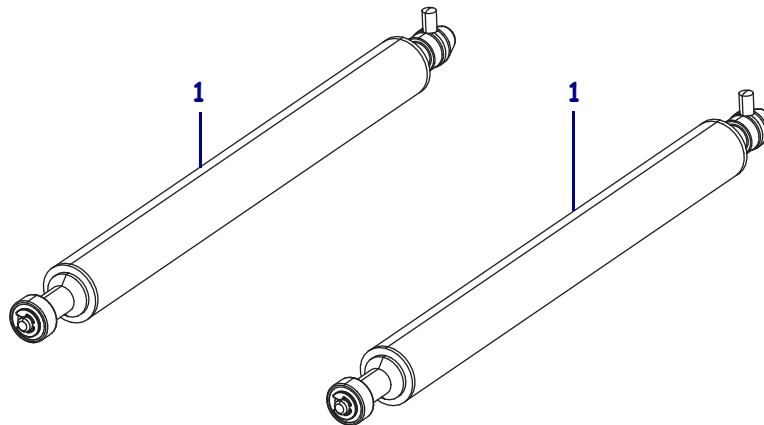


Table 1 • Parts List

✓	Item	Qty	Part Number	Description
	Ref	1	P1046696-059	ZE500-4 Pinch and Peel Roller Maintenance Kit RH/LH
			P1046696-060	ZE500-6 Pinch and Peel Roller Maintenance Kit RH/LH
	1	2	N/A	Pinch/Peel Roller Assembly

N/A = Not available as a separate part (listed for identification purposes only).

Tools Required



Tools • You need these tools to complete this procedure:

- ☐ Metric Hex Key (Allen Wrench) Set
- ☐ Flat-blade Screwdriver Set
- ☐ Phillips Screwdriver Set
- ☐ Torx Key Set

Remove Power and Data Cables, Ribbon, and Media



1. **Caution** • Turn off (O) the print engine 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.

Open the front cover, unlatch the printhead lever, and remove media and ribbon from the print engine.

3. Close and latch the printhead lever, and then close the front cover.

Remove the Pinch Roller

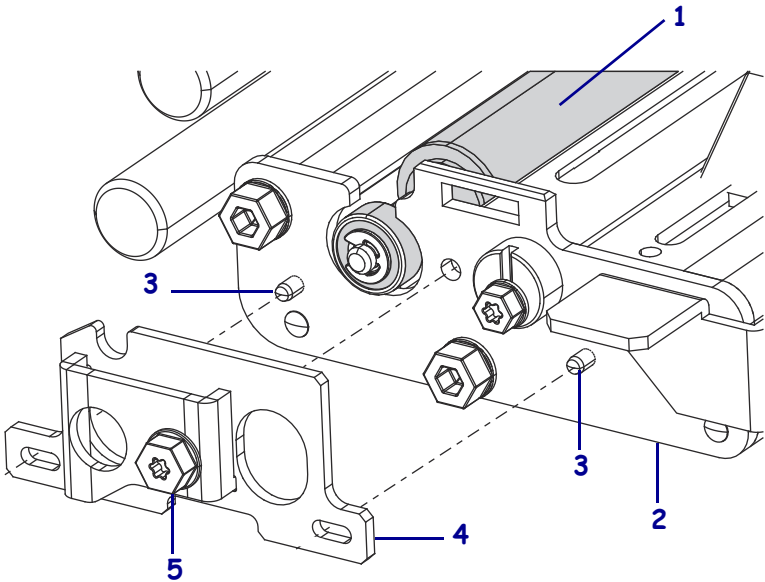
1. Open the upper pinch roller assembly by pressing on the release button located just above the pinch roller cam plate.
2. See [Figure 2](#). To remove the pinch roller cam plate, loosen the center mounting screw to release from the pinch roller cam plate.



Note • The center mounting screw is captive within the pinch roller cam plate.

3. Pull the cam plate off of the two support pins on the pinch roller cam plate. Set the cam plate aside.

Figure 2 • Pinch Roller



1	Pinch roller (shaded)
2	Pinch roller support plate
3	Support pins
4	Pinch roller cam plate
5	Cam plate center mounting screw

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Remove the Pinch Roller

4. See [Figure 3](#). Grasp the pinch roller tightly and pull the pinch roller toward the pinch roller support plate to release the pin secured in the pinch roller coupler.

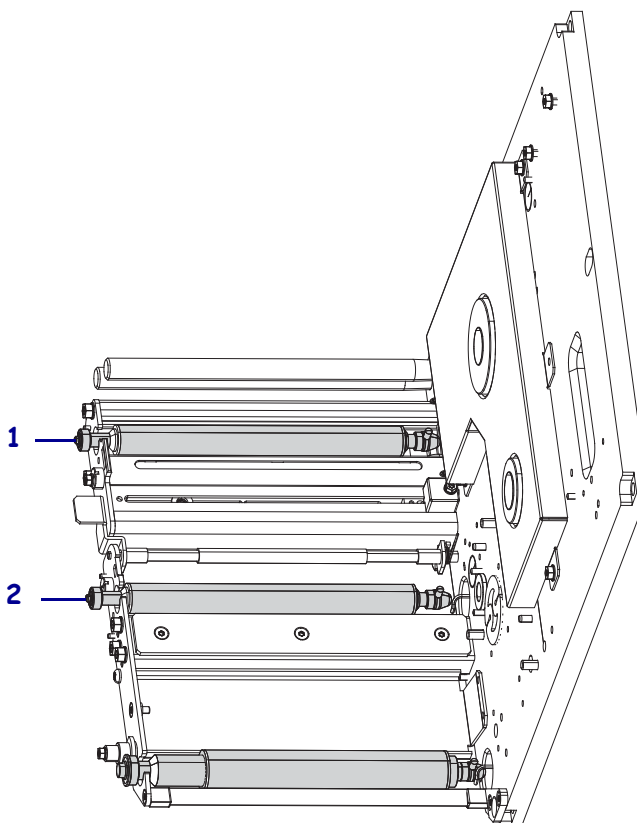
The outboard bearing will extend past the end of the platen roller support plate.



Note • You may have to turn the roller slightly to be able to move the roller forward laterally.

5. Lift the pinch roller out of the print engine.

**Figure 3 • Roller Locations
(Top View with Subsystems Removed)**



1	Pinch roller (shaded)
2	Peel roller (shaded)

Remove the Peel Roller

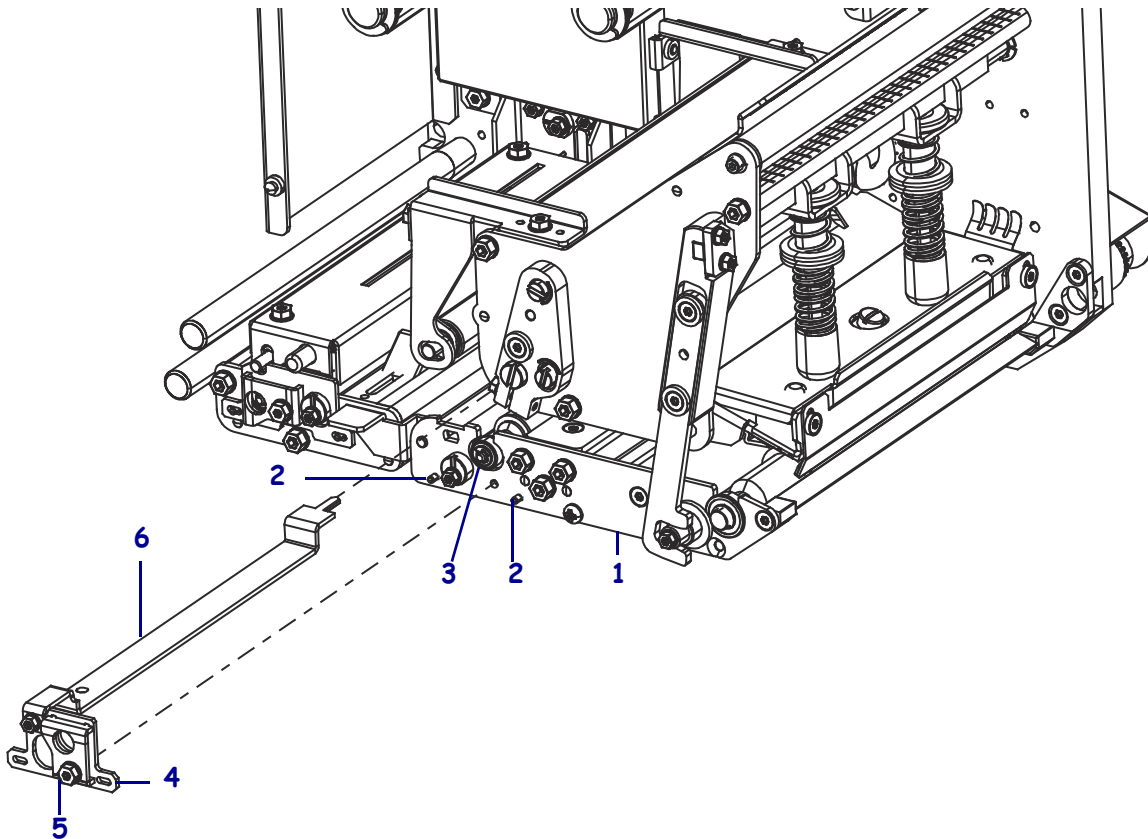
1. To open the peel roller bracket, push up on the latch.
2. See [Figure 4](#). To remove the peel roller cam plate, loosen the center mounting screw to release from the platen roller support plate.



Note • The center mounting screw is captive within the peel roller cam plate.

3. Pull the peel roller cam plate (with the deflector plate attached) off of the two support pins on the platen roller support plate. Set the cam plate aside.

Figure 4 • Peel Roller



1	Platen roller support plate
2	Support pins
3	Peel roller
4	Peel roller cam plate
5	Peel roller cam plate center mounting screw
6	Peel roller deflector plate

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Remove the Peel Roller

4. Grasp the peel roller tightly and pull the peel roller toward the platen roller support plate to release the pin secured in the peel roller coupler.

The outboard bearing will extend past the end of the platen roller support plate.



Note • You may have to turn the roller slightly to be able to move the roller forward laterally.

5. Lift the peel roller out of the print engine.

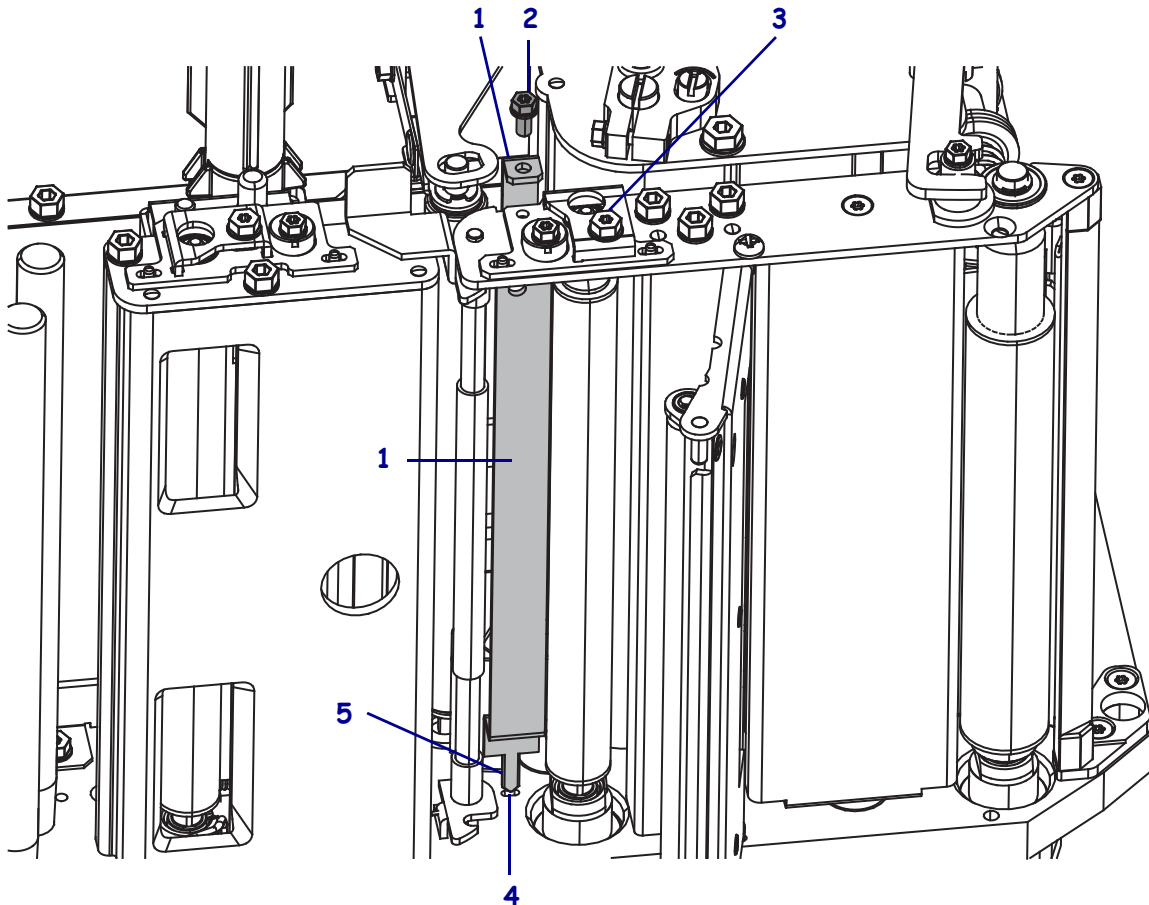
Replace the Peel Roller

1. Starting with the pin end of the roller, align the pin with the slot in the peel roller coupler.
2. Lower the other end of the peel roller shaft into the large hole on the platen roller support plate.
3. Push the shaft into the peel roller coupler to fully seat the peel shaft.
You will hear a click when the pin is seated correctly or turn the roller slightly to confirm that the roller is firmly seated.
4. See [Figure 5](#). Insert the tab on the deflector plate into the main frame slot.



Note • [Figure 5](#) shows the deflector plate separated from the peel roller cam plate. The deflector plate was designed to remain attached to the cam plate during removal and installation.

Figure 5 • Peel Roller Deflector Plate



1	Peel roller deflector plate
2	Deflector plate mounting screw
3	Platen roller cam plate mounting screw
4	Slot
5	Tab

5. Replace the cam plate on the two support pins on the platen roller support plate.
6. Tighten the center mounting screw on the cam plate.
7. Close the peel roller bracket by pushing up until you hear the click.

Replace the Pinch Roller

1. Starting with the pin end of the roller, align the pin with the slot in the pinch roller coupler.
2. Lower the other end of the pinch shaft into the large hole on the pinch roller support plate.
3. Push the shaft into the pinch roller coupler to fully seat the pinch shaft.
You will hear a click when the pin is seated correctly or turn the roller slightly to confirm that the roller is firmly seated.
4. Replace the cam plate on the two support pins on the pinch roller support plate.
5. Reinstall the center mounting screw on the cam plate.
6. Close the upper pinch roller assembly.

The installation is complete.