ZebraNet 10/100 Print Server Kit

Installation Instructions

This kit includes the parts and documentation necessary to install the ZebraNet® 10/100 Print Server in the 110*PAX*4™ print engine. Read these instructions thoroughly before installing this kit.

> ⚠️ **Caution •** A qualified service technician must perform this installation.

Prepare for Installation

Parts List

Table 1 • Kit Parts List

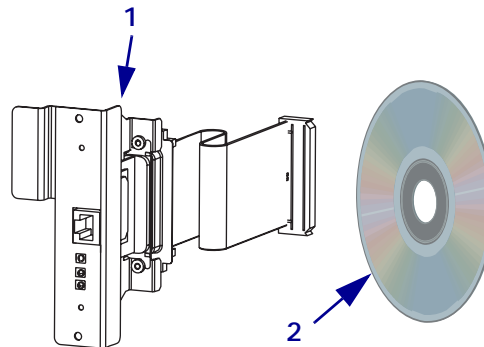| ✓	Item	Qty	Part Number	Description
	Ref	1	**G57546**	10/100 Print Server Kit
	1	1	*57153*	Print Server Assembly
	2	1	**45638-007**	ZebraNet Connectivity Solutions User CD
	N/S	1	*13595L-005*	Connectivity Solutions Guide
N/S = Not Shown				
Bold = Part available for purchase.				
Italic = Part not available for purchase, listed and shown for reference only.				

Figure 1 • Kit Contents

Reference Materials

- 110*PAX*4 User Guide
- 110*PAX*4 User Guide (CD)
- 110*PAX*4 Print Engine Maintenance Manual
- 110*PAX*4 Maintenance Manual CD

Tools Required

Tools • You need these tools to complete this procedure:

- ❏ Phillips Screwdriver Set
- ❏ Metric Hex Key (Allen Wrench) Set
- ❏ Antistatic Wriststrap
- ❏ Antistatic Mat

Remove the 110*PAX*4 Print Engine from the Applicator

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

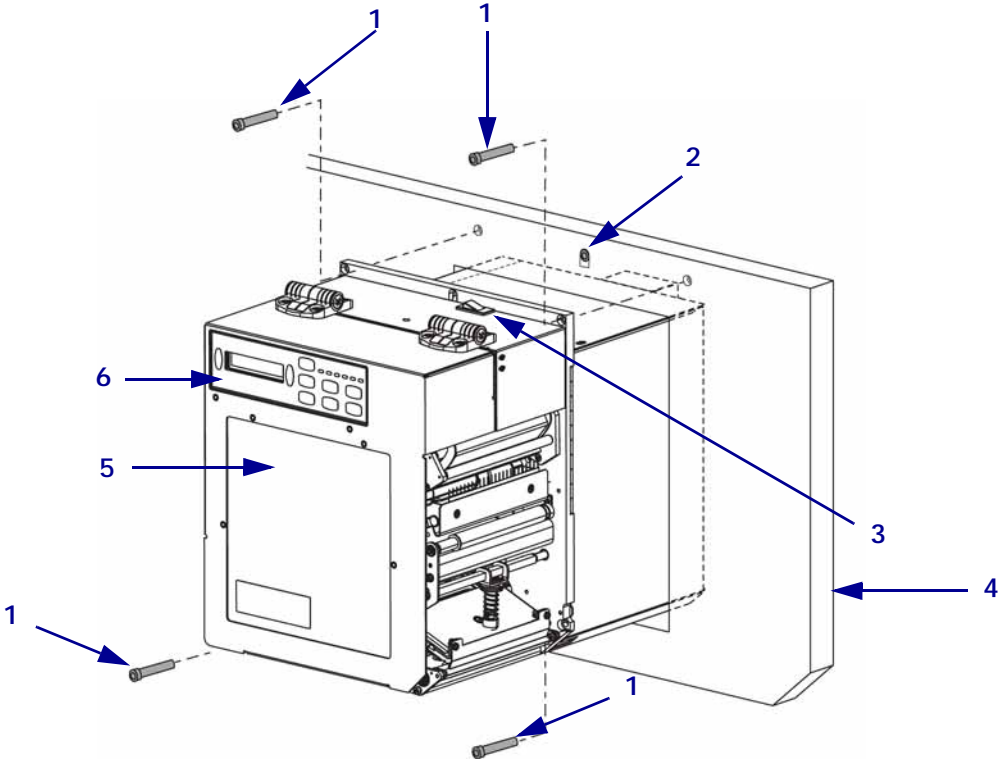3. Close and latch the printhead lever, and then close the front cover.

4. See Figure 2. Remove the four corner mounting screws securing the print engine to the applicator.

Leave the center mounting bolt until last.

Note • The keyhole and the center mounting bolt are designed to support the print engine and assist in installing and removing the four mounting screws.

5. To remove the print engine from the applicator, lift the print engine off the center mounting bolt and place on a workbench.

Figure 2 • Front View of 110*PAX*4 Print Engine in Applicator

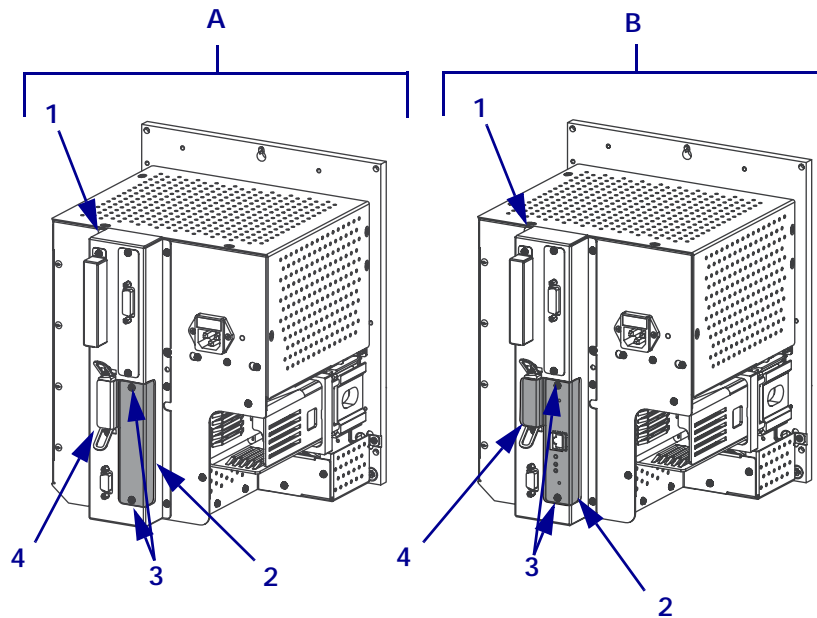| 1	Applicator mounting screws (4)
2	Center mounting bolt
3	On/Off switch
4	Applicator
5	Front cover
6	Control panel

Install ZebraNet 10/100 Print Server

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 3. Remove the two mounting screws securing the blank cover plate.
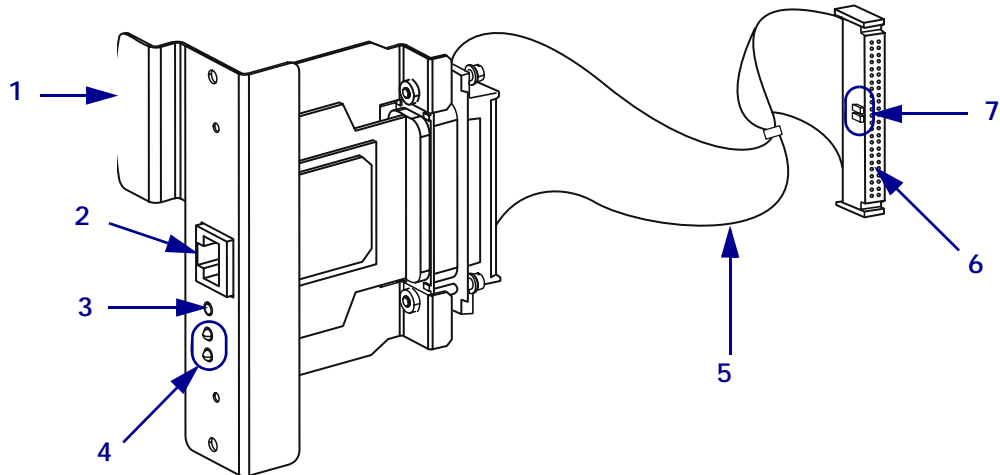
Figure 3 • Back View of PCB Access Panel With and Without the 10/100 Print Server

A	**Without the 10/100 Print Server**	**B**	**With the 10/100 Print Server**
1	PCB access panel	**1**	PCB access panel
2	Blank cover plate	**2**	10/100 print server cover plate
3	Cover plate mounting screws (2)	**3**	10/100 print server cover plate mounting screws (2)
4	Parallel port	**4**	Disabled parallel port (cover plate extension)

3. See Figure 4. Insert the 10/100 Print Server ribbon cable connector through the opening in the Printed Circuit Board (PCB) access panel.

Figure 4 • 10/100 Print Server Details

1	Parallel port cover	5	Ribbon cable
2	Ethernet connector	6	Ribbon cable connector
3	Test button	7	Center key
4	Status indicators (2)		

4. Plug the ribbon cable into the main logic board connector, P21. The connector is polarized with a center key. Ensure the center key aligns with the slot in the main logic board connector.

5. Insert the 10/100 PS into the opening while guiding the ribbon cable into the printer.

6. Secure the new print server cover plate to the PCB access panel by reinstalling the two cover plate mounting screws.

Reinstall the 110*PAX*4 Print Engine in the Applicator

1. To reinstall the print engine into the applicator, carefully place the keyhole on the center mounting bolt.

Note • The keyhole and the center mounting bolt are designed to support the print engine and assist in installing and removing the four mounting screws.

2. See Figure 2 on page 3. Replace the four corner mounting screws securing the print engine to the applicator.

Resume Printer Operation

1. Open the front cover, unlatch the printhead lever, and reinsert the media and ribbon in the print engine.

2. Close and latch the printhead lever.

3. Reconnect the AC power cord and interface cables.

4. Turn on (**I**) the print engine.

Configure the 10/100 Print Server

To configure the print server, refer to the *ZebraNet 10/100 Print Server User and Reference Guide*.