PrintServer 17/300 Printer

Controller Firmware
Version 2.1 Upgrade

Order Number: EK–LPS1X–IN. A01

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Installing the Firmware

Software Requirements

Version 2.1 of the controller firmware ROM chips must be installed in a PrintServer 17/300 printer if you are booting from NetWare. The minimum version of PrintServer software required to boot from NetWare is Version 5.0.

The firmware upgrade is not required for PrintServer 17/600 printers.

Kit Contents

The upgrade kit (order number 4A–LPS1X–FW) contains:

- ROM chips (2)
- Antistatic wrist strap
- This document

Tool Requirements

The procedure for installing the Version 2.1 controller firmware requires the following tools:

- Flat work surface — for working on the controller board
- Flat blade screwdriver — for loosening and tightening captive screws and for extracting ROM chips
- Antistatic wrist strap — for preventing damage to electronic components

Your upgrade kit includes an antistatic wrist strap.

Caution

Take these precautions while performing the installation procedure:

- **Static electricity can damage electronic components on the controller board. Use the antistatic wrist strap to ground yourself to a metal object.**
- **Work on a flat surface to keep from bending the controller board.**
- **Be careful not to gouge any components on the controller board with the screwdriver.**
- **Be careful when handling the ROM chips. The pins bend easily and damage is not covered by warranty.**

Installation Procedure

To install the ROM chips:

1. Disconnect the power cord from the wall outlet and then from the rear panel.

2. Disconnect the Ethernet cable from the rear panel.

3. Loosen the two captive screws by the Ethernet connection on the rear panel.
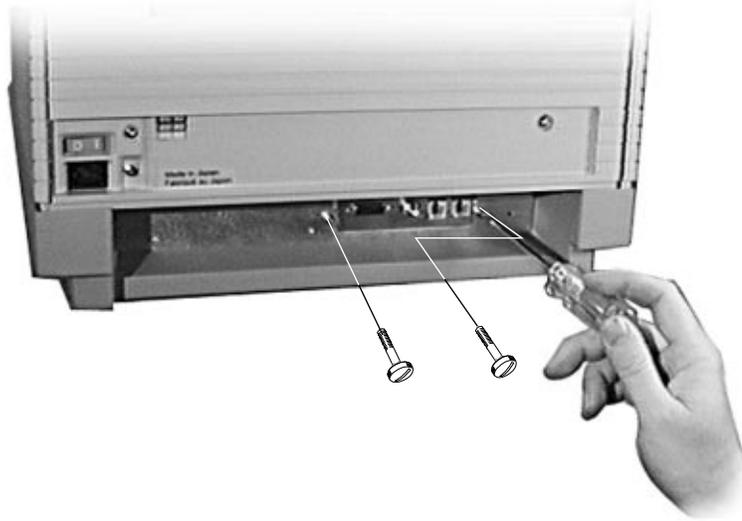
4. Grasp each side of the lower plastic cover at the front of the printer, and slide out the controller board.
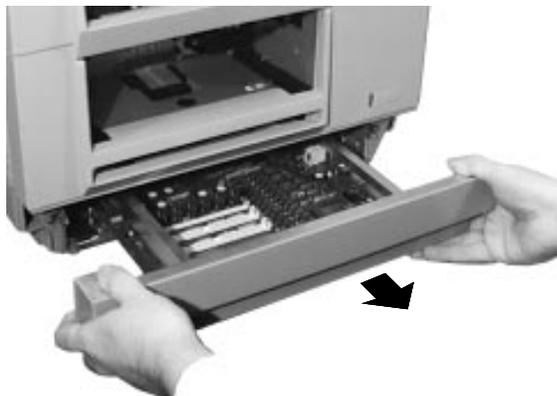
DSG-000307

5. Extract the existing ROM chips (❶) by sliding the screwdriver underneath each chip and gently loosening the pins from their sockets.

6. Carefully align the pins on each new chip with the sockets on the board, noting the orientation of the notch (❷).

    Note: You may find it easier to align the pins with the sockets if you bend in the pins *slightly*. The pins bend easily, so gently rock each chip on each side, on your flat work surface, to adjust the pins for alignment.

    Press the chips firmly and evenly to seat them in their sockets.
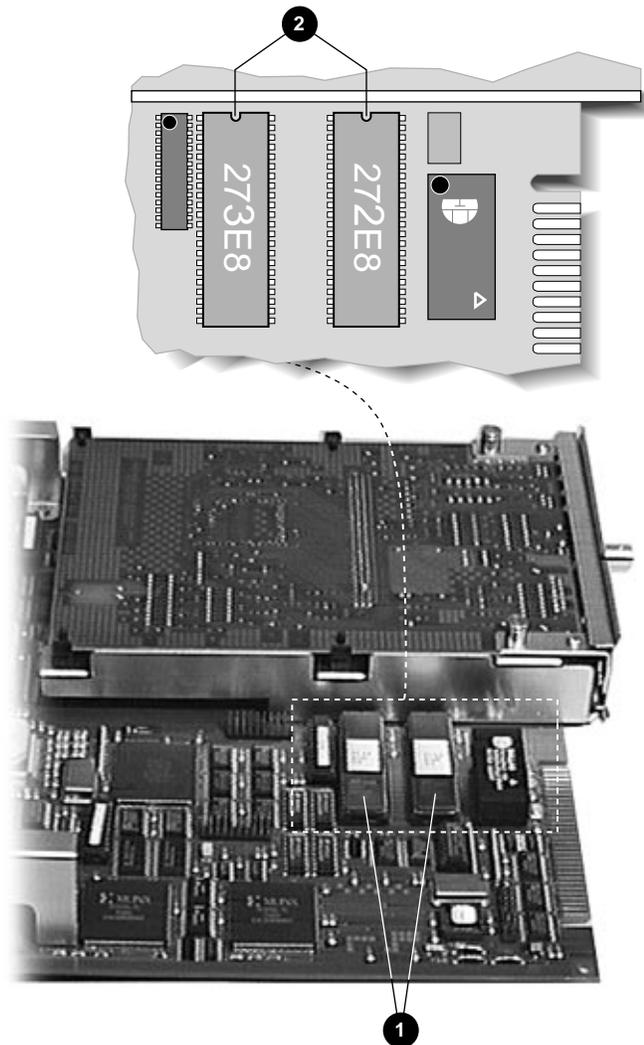
7. Slide the controller board back into the unit until it is securely seated, then tighten the two captive screws by the Ethernet connection on the rear panel.

8. Reconnect the power cord and the Ethernet cable.

Verification Procedure

To verify correct installation of the chips, power on the printer. The power-up diagnostics run and the following display appears on the operator panel:

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XX-XX-XX-XX-XX-XX
2.1   XX    XX
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If the operator panel is blank, either the controller board is not fully seated or the chips are not installed correctly.