

PhaserShare® Network Card ROM Upgrade

These instructions explain how to replace the ROMs of the PhaserShare Network Card in your Phaser 340 Color Printer with newer ROMs. Your printer must already have either a PhaserShare Ethernet Network Card (4676FP1) or a PhaserShare TokenRing Network Card (4676FP4) installed in your printer.

This upgrade gives your printer new network capabilities:

- Novell's NDS features of NetWare 4.1.
- TCP/IP protocol support as a standard feature.
- PhaserLink web browser support. (This feature also requires a printer firmware upgrade that can be ordered in the spring of 1996. Phaser 340s serial-numbered BC01xxx and up will not require this network card upgrade nor a printer firmware upgrade.)

Be sure you ordered the correct upgrade kit.:

- 4676UP1 Upgrade Kit for the Ethernet Network Card.
- 4676UP4 Upgrade Kit for the TokenRing Network Card.

On-site installation

Only install this upgrade yourself if you are comfortable with handling and modifying electronic circuit boards.

Professional, on-site installation is just a phone call away. Productivity is important to your business success – so when you need it done right – the first time – call Tektronix. Tektronix' on-site installation delivers what you've been looking for: expert service technicians who provide quality, on-site product installation. In the United States and Canada, call 1 800-835-6100.

Upgrade kit contents

- Two Network Card ROM ICs (PLCC-style)
- IC removal tool
- Anti-static strap
- PhaserShare Administrator and User Manuals
- PhaserShare software diskettes

Static electricity precautions

- Leave the printer plugged into its power outlet. This preserves a ground path for static discharges.
- Use the anti-static strap to ground yourself to the printer. Attach one end to the printer's bare metal frame and the other end to your wrist.
- Handle the circuit board(s) by their edges only. Do not lay the board(s) on a metal surface.
- Make the least possible movements to avoid generating static electricity.
- Avoid wearing wool, nylon or polyester clothing; they generate static electricity.

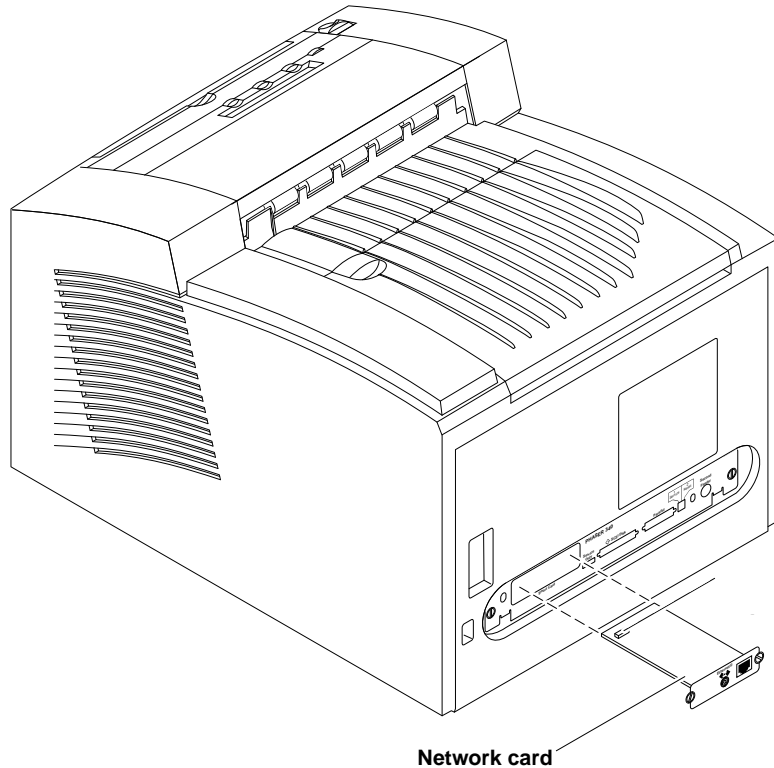
Important! About the printer's IP address and other network settings

Upgrading the printer's network card removes the IP address and other user-configurable settings from the printer's memory. Therefore you should print the printer's configuration page, which lists the IP address and other settings, before upgrading the network card.

1. While the printer is idle, press the **Menu** button to display the *Help* pages menu item.
2. Press the arrow button to scroll to the item *Configuration page*. Press the **Print** button to print the Configuration page.
3. Note the IP address on the print and save the print for later reference.

Removing the Phaser 340 network card

1. Power down the printer. Leave the power cord plugged in to provide a ground path for static discharges. Remove the interface cable.
2. Loosen the two securing screws holding the Phaser Share network card and remove it.

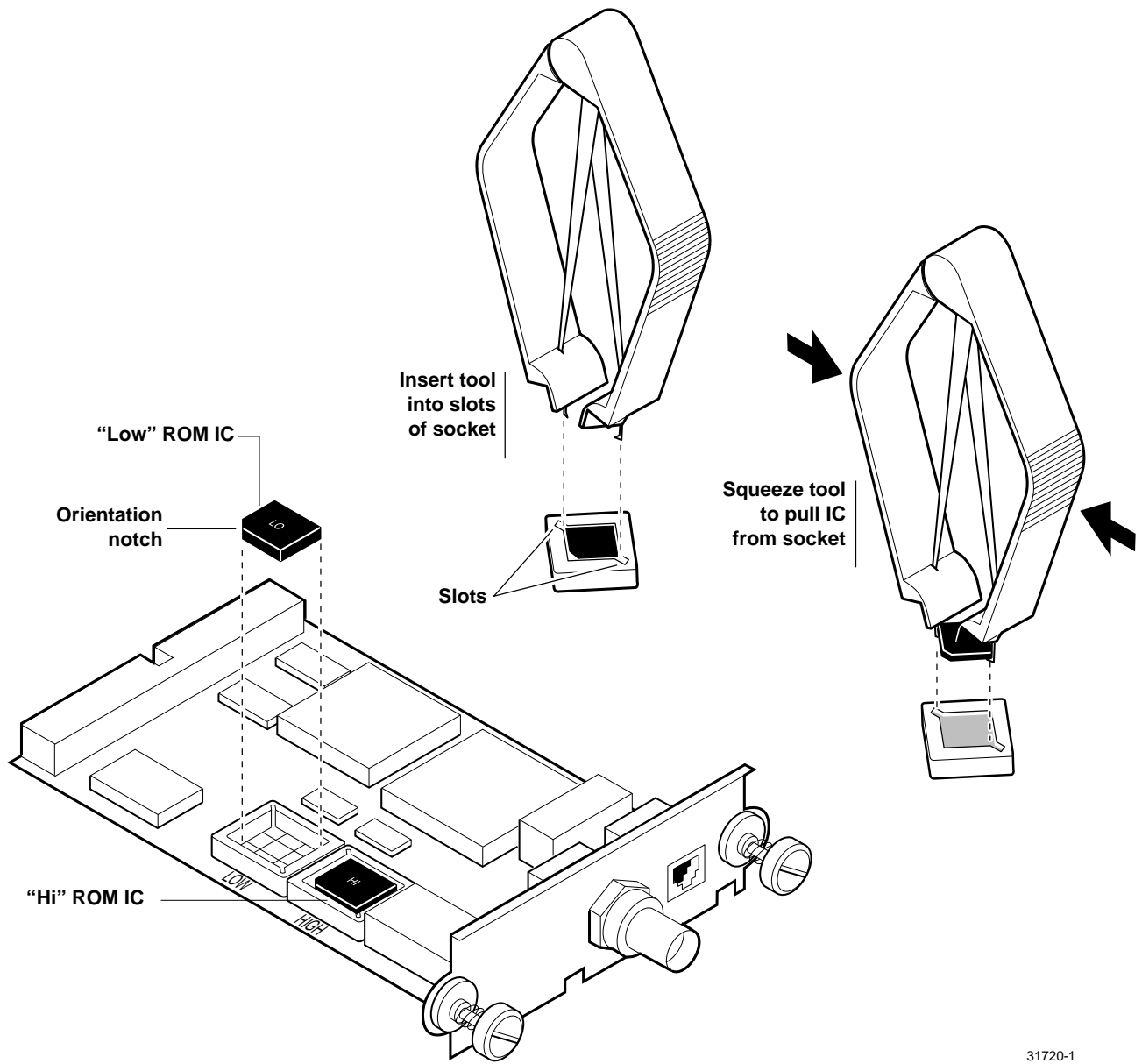


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3. Proceed to the topic “Upgrading the network card” on the next page.

Upgrading the network card

1. Remove the two old ROMs using the IC removal tool provided in this kit. Insert the prongs of the tool in the corner slots of a ROM's socket and then squeeze the tool's handle.
2. Support the network card from underneath by draping the metal back panel of the card over the edge of a desk or table.
3. Install the two new ROM ICs (Version 2.0) by aligning each IC to its socket and gently pushing them into place until they are firmly seated. The ROM ICs are oriented to the sockets by a notch in one corner. Be sure to install the ROM labeled "lo" in the socket marked "LOW" and the ROM labeled "hi" in the socket marked "HIGH."



4. Slide the network card into the printer's rear panel card slot and firmly push it into place. Secure the card in place with its thumbscrews.

Note *EtherTalk and LocalTalk protocols require you to attach the network cable to the printer with the printer powered off. After connection, turn on the printer. During the printer's start-up process, the printer's network node address is resolved with the network.*

5. Reconnect the host interface cables. Turn on the printer and print the configuration page; it lists information regarding the Ethernet interface. Refer to the printer user manual for instructions on printing the configuration page.

NetWare NDS. For NDS support you must install Version 3.1 of the PhaserShare System Administrator to configure internal NDS setting in the printer. Refer to the *Phaser™ Share Network Cards and Printer Management Software User Manual* for more information.

TCP/IP. For TCP/IP, support is automatic. However, your system administrator must set the printer's IP address. How you set the IP address in your printer depends on a number of factors such as the protocol used by your host TCP/IP network whether or not you use a boot server and the types of PC or workstations available to you. The topic of setting the printers IP address is fully explained in the Chapter 9 topic "Configuring your printer" in the *PhaserShare Network Cards and Software User Manual*. The instructions for setting the IP address are also available on the Tektronix web page:
http://www.tek.com/Color_Printers/userdoc.

PhaserLink. No software upgrades or reconfigurations are necessary to access the printer, via PhaserLink, using a web browser. However, your system administrator must set the printer's IP address. (Note that the Phaser 340 will require a printer firmware upgrade that can be ordered in the spring of 1996 to support PhaserLink. Phaser 340s serial-numbered BC01xxx and up will not require this network card upgrade nor a printer firmware upgrade.)