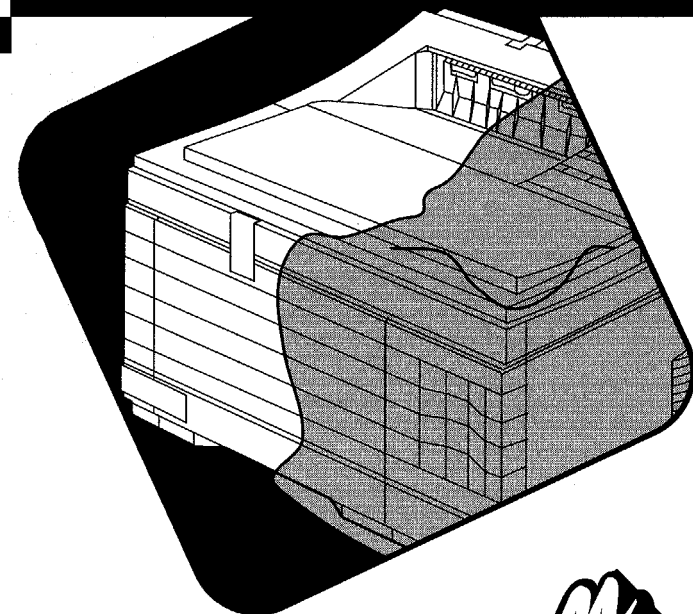


English



LaserJet 4  *Plus*

HP LaserJet 4M Plus Printer
Getting Started Guide

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HP LaserJet 4M Plus Printer



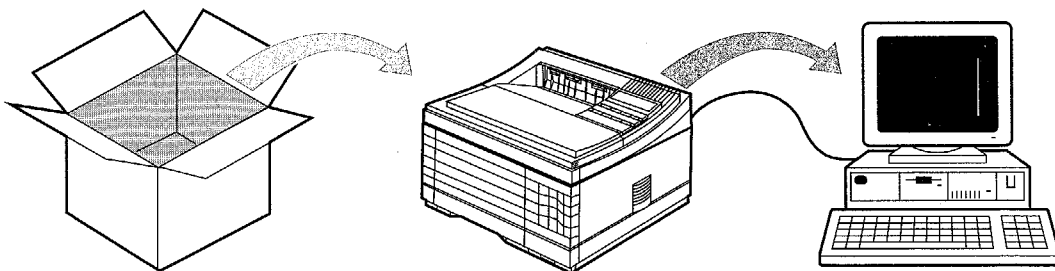
Getting Started Guide

Printer / Software Setup

Setting up your new HP LaserJet printer takes just 3 easy steps:

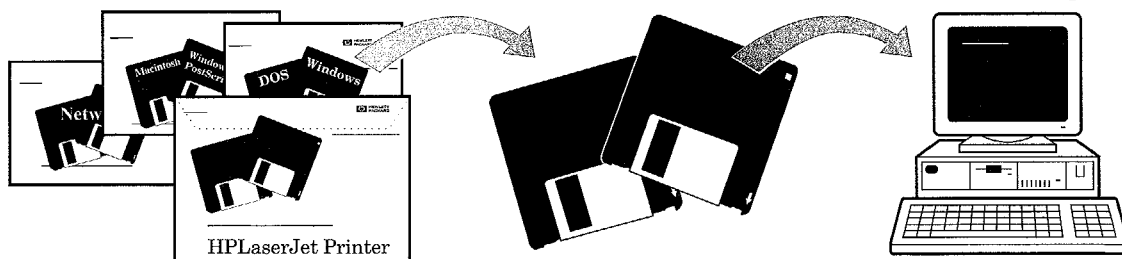
1. Unpack and install the printer.

(See sections A through N.)



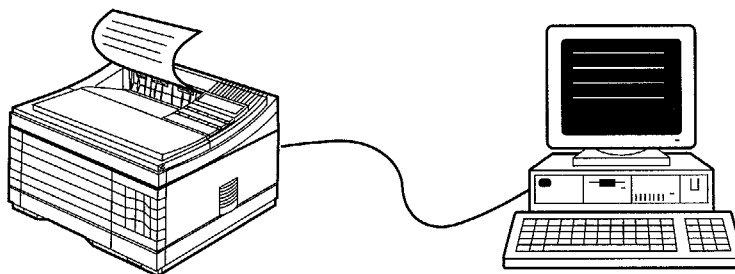
2. Load the supplied printing software.

(See sections O through U.)



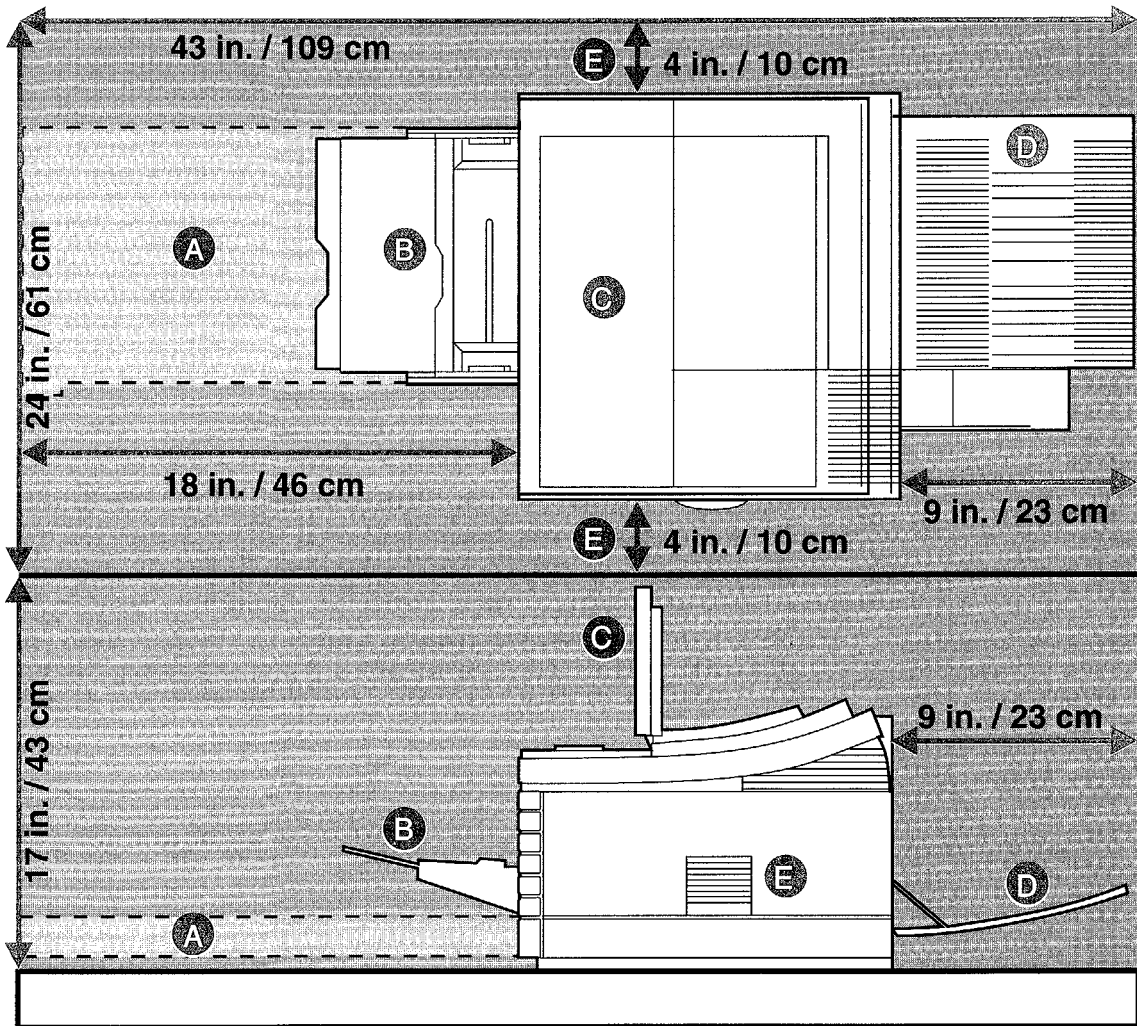
3. Verify computer-to-printer operation.

(See section V.)



Preparing a Location for the Printer

A



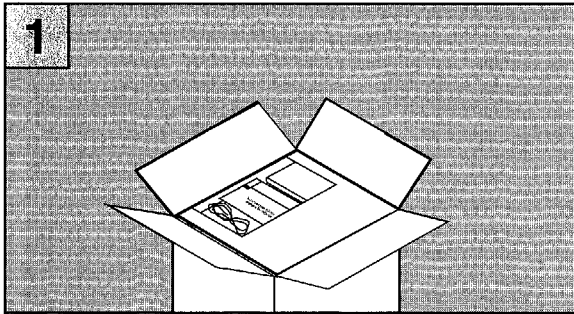
Location requirements for your printer:

- A sturdy, level surface for placement.
- Adequate space for:
 - opening the Paper Cassette (A).
 - opening the Multipurpose tray (B).
 - opening the top cover (C).
 - opening the rear door (D).
 - allowing air circulation (E).
- A well-ventilated room.
- Adequate power supply (see your *User's Manual*, Appendix B).
- Room temperature 50° to 91° F (10° to 32.5° C).
- Relative humidity 20% to 80%.
- A stable environment – no abrupt temperature or humidity changes.
- No exposure to direct sunlight or chemicals.

B

Removing the Printer from the Box

Save all packing material. You may need to re-pack your printer at a later date.



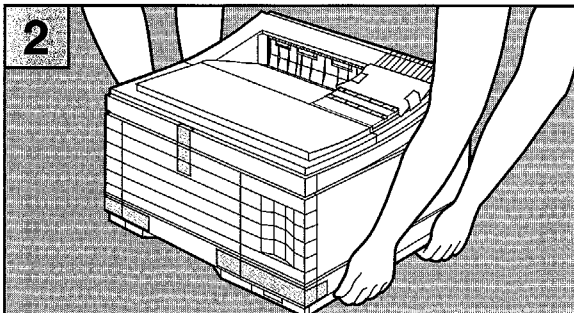
Lift the top cover from the tray and remove all accessories.

NOTE

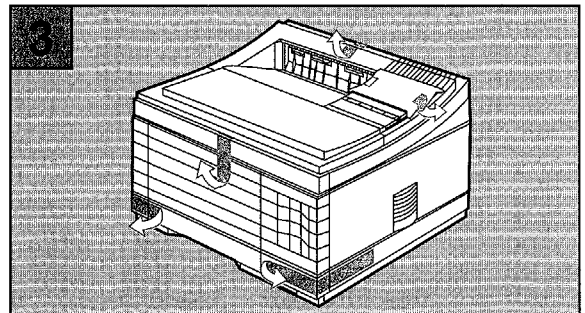
Accessories include printer documentation and printing software. You will need these items to complete installation of your printer.

CAUTION

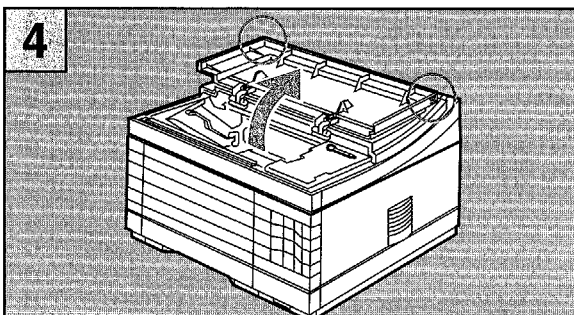
The printer weighs 37 lbs (16.8 kgms). Get help to lift it from the box.



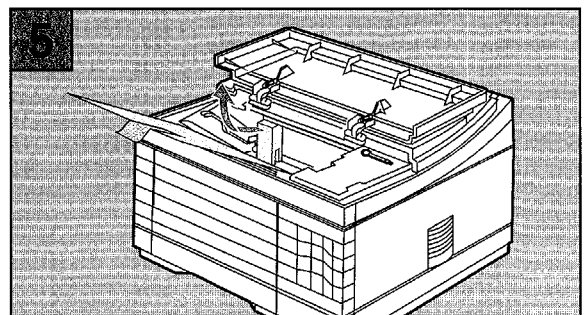
Remove the packing pieces from the top of the printer. Lift the printer by its sides and place it on a flat surface.



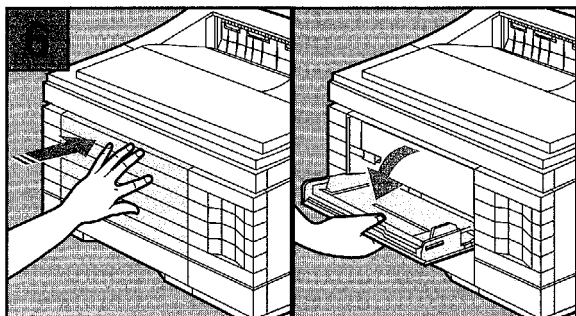
Remove the shipping bag and tape from the printer.



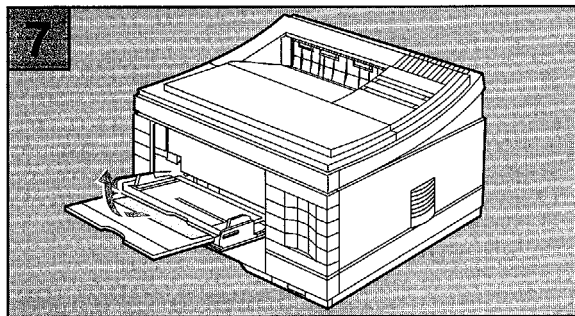
Use the grips on the sides of the top cover to lift the printer's top cover.



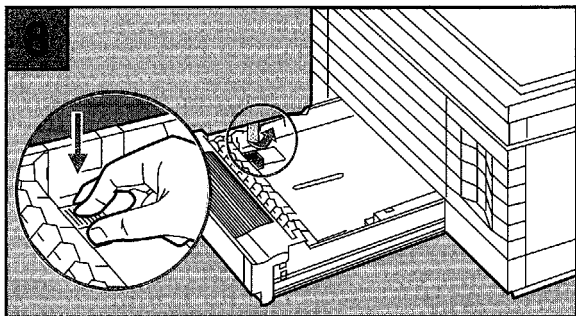
Remove the cardboard and foam packing pieces from inside the printer.



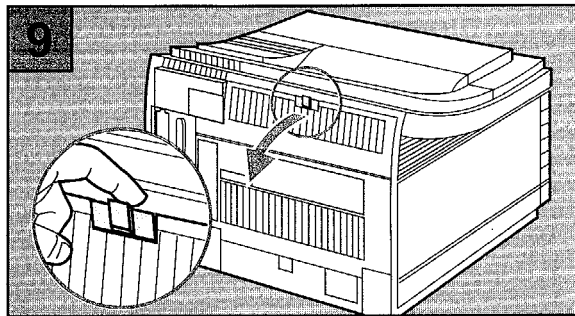
Open the Multipurpose tray by pressing the pattern of raised dots in the center of the door.



Remove the cardboard from inside the Multipurpose tray.



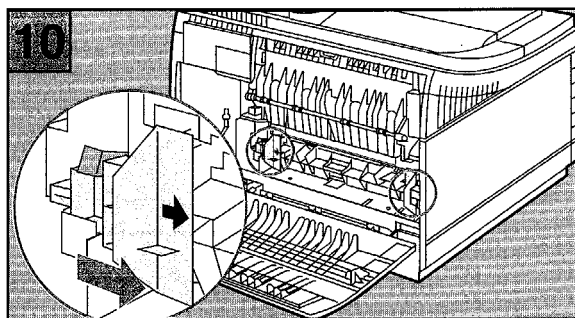
Remove the packing material from inside the Paper Cassette (press down on the orange plastic piece and pull it straight out).



Press on the latch to open the back door of the printer.

NOTE

The next step is extremely important. If the orange packing spacers are not removed from the fuser area (rear of printer), paper will jam.



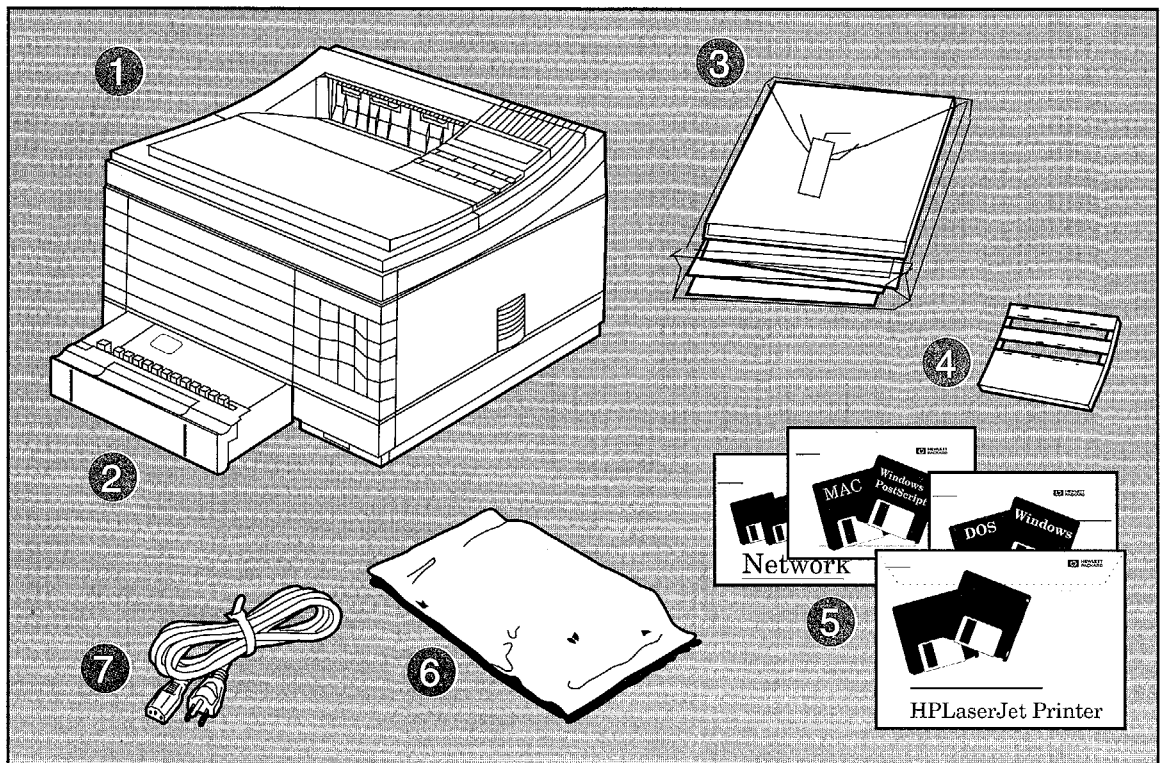
IMPORTANT! Remove the two orange packing spacers on the left and right ends of the fuser. (Slide the spacers toward the center to remove.)



Checking Package Contents

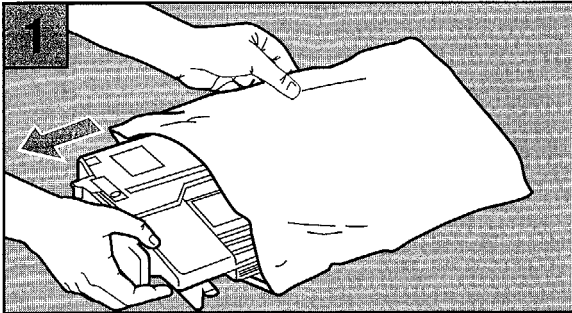
Locate each item listed below:

1. HP LaserJet 4M Plus printer.
 2. Paper Cassette (slides underneath your printer).
 3. Package containing the printer *User's Manual* and other useful documentation.
 4. A Control Panel Overlay translated to your language (outside U.S. and Canada only).
 5. Envelopes containing the printing software needed to use your printer.
- Note**
- The printing software is provided on 3.5 inch floppy disks. If you need 5.25 inch disks, refer to Obtaining Printer Drivers located on the inside front cover of the printer *User's Manual*.
6. Toner cartridge (part number 92298A).
 7. Power cord.

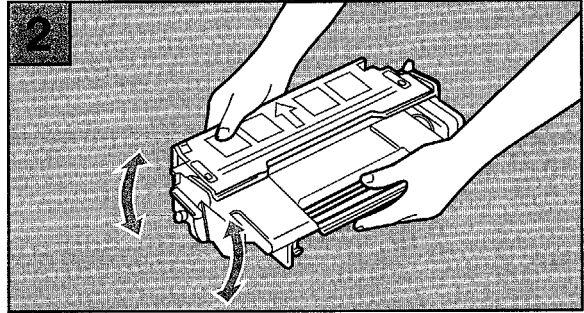


Installing the Toner Cartridge

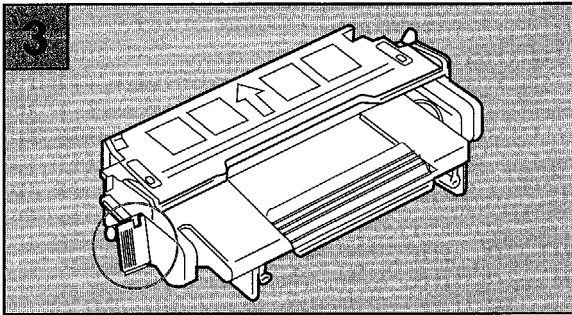
D



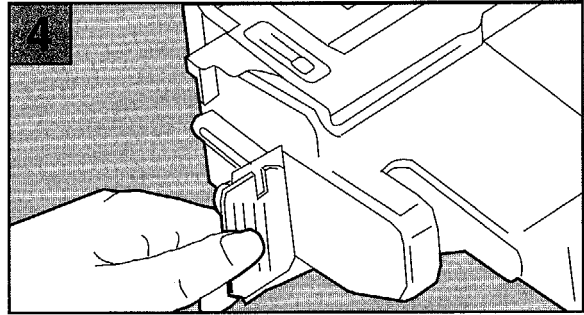
Locate the toner cartridge, use scissors to cut open the bag.



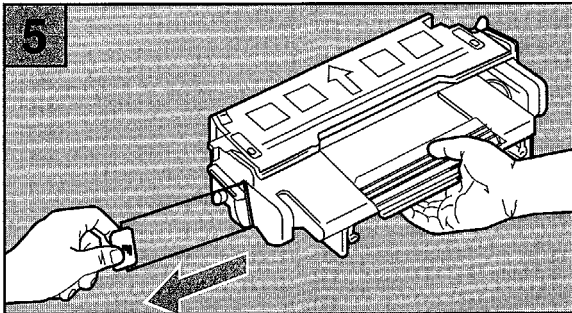
Distribute the toner by rotating the cartridge back and forth 5 to 6 times.



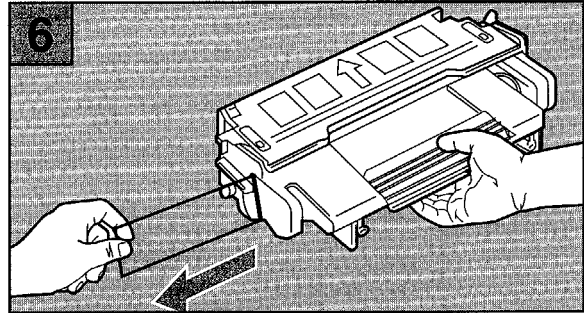
Locate the sealing tape tab on the left end of the cartridge.



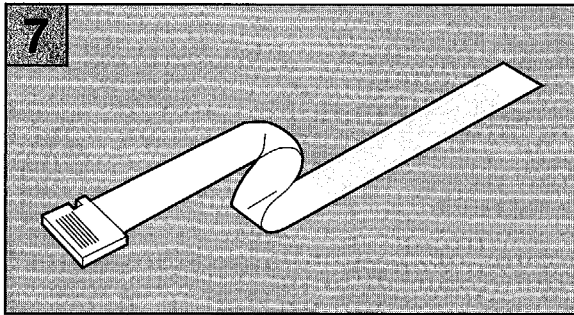
Carefully bend the tab back and forth until it separates from the cartridge.



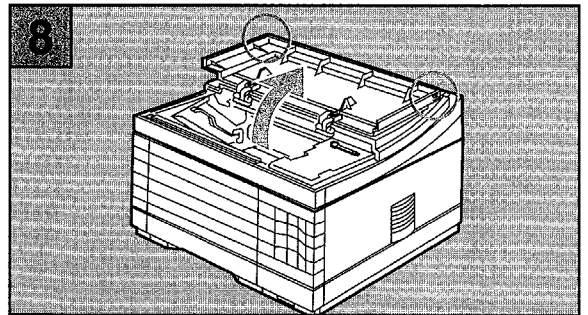
Hold the cartridge and pull the tape straight out. The tape is about 22 inches (56 cm) long, and it may be hard to pull.



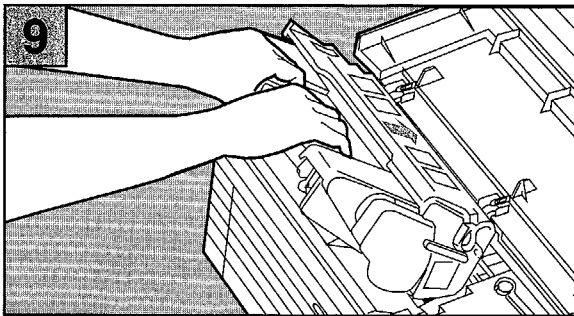
If the tab separates from the tape, grasp the tape itself and pull it out. Avoid touching the black part of the tape (it has toner on it).



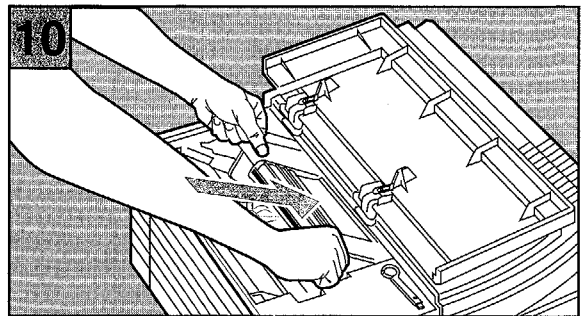
Throw away the sealing tape strip.



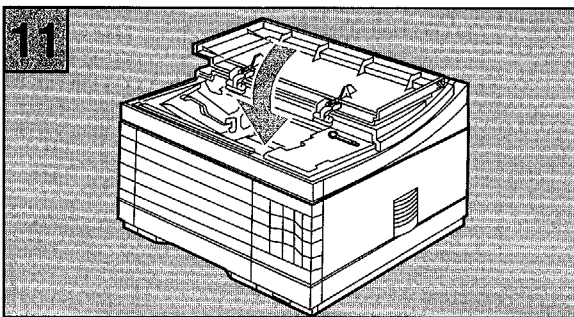
Use the grips on the sides of the top cover to lift the printer's top cover.



Position the cartridge with the arrow facing into the printer.



Slide the cartridge into the printer as far as it will go. Gently push the cartridge in and downward with your thumbs to secure it in place.



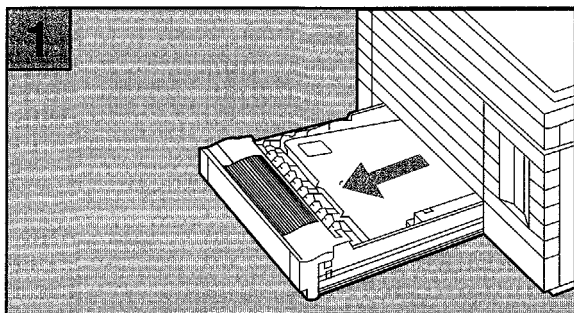
Close the printer's top cover.

Note

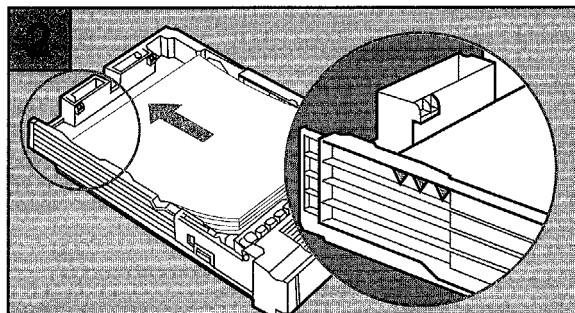
If the top cover does not close, the cartridge is not installed correctly. Remove and reinstall the cartridge.

Loading the Paper

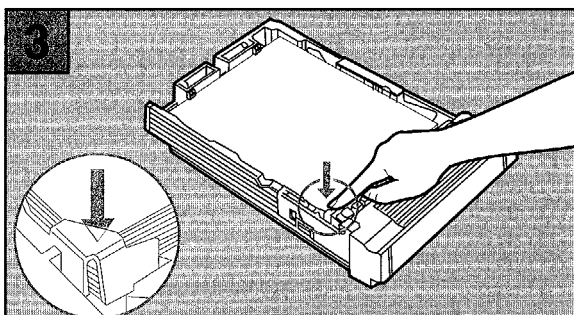
E



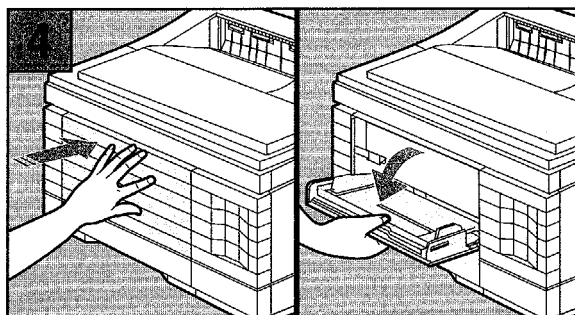
Slide the Paper Cassette out of the printer.



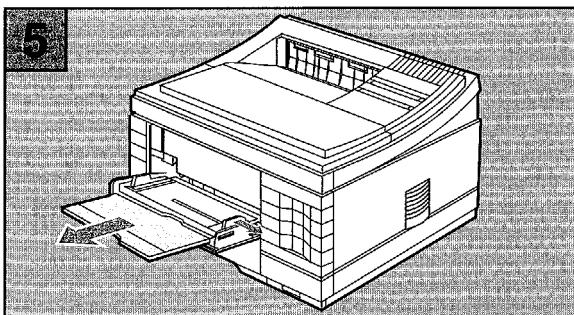
Load paper into the cassette. Do not fill above the arrows on the left rear. Keep paper below the tabs in the rear of the tray.



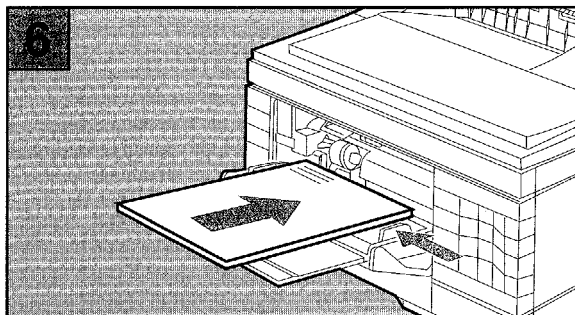
Make sure that the paper is flat in the cassette at all four corners and that paper fits under the left metal holder. Slide the Paper Cassette back in the printer.



Open the Multipurpose tray by pressing the pattern of raised dots in the center of the door.



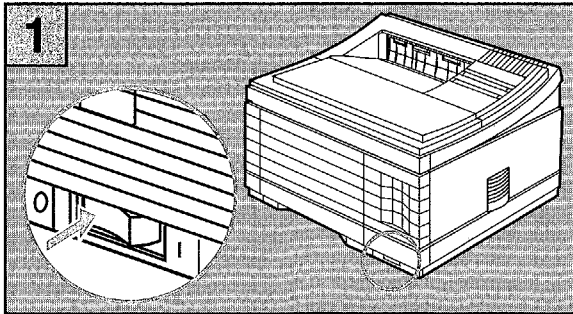
Pull out the tray extension and slide the paper width guide all the way to the right.



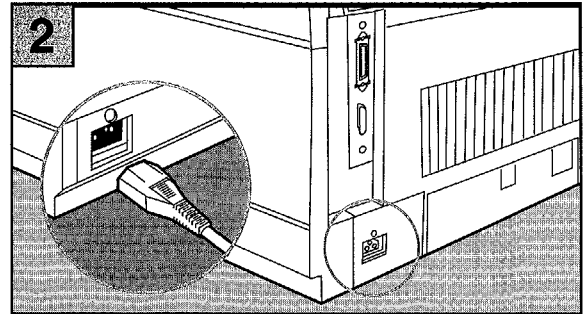
Load paper print side up, sliding in as far as it will go. Make sure it fits squarely and firmly between the guides. Slide the paper width guide in until it lightly touches the right side of the stack.



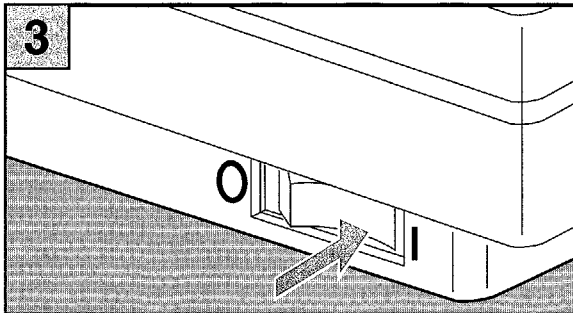
Connecting the Printer to a Power Supply



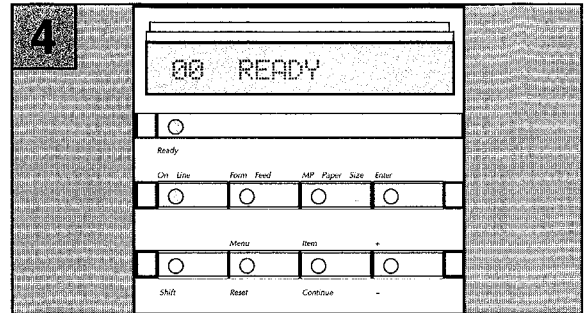
Locate the power switch on the front of the printer. Make sure all printer doors are closed, and the power switch is OFF (0).



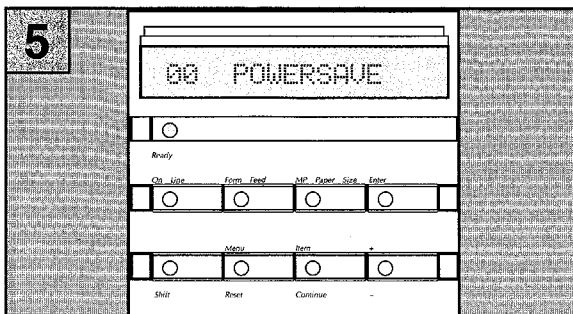
Insert the power cord into the power connector on the back of the printer. Plug the other end into an AC power outlet.



Switch the printer ON (I).



After the printer warms up, the **Ready** and **On-Line** indicators light up and the display shows 00 READY.



Note

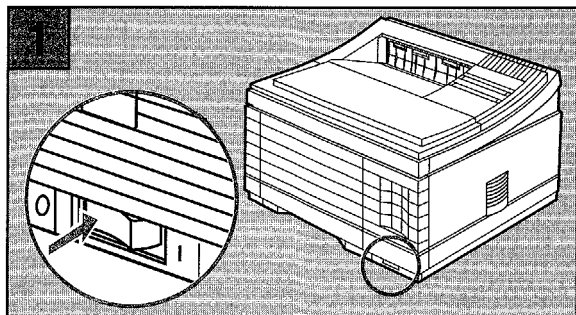
If the display reads 00 POWERSAVE, press any printer key to return to 00 READY. (The printer enters powersave mode after 30 minutes of inactivity. This can be adjusted from 15 minutes to 3 hours, or turned off - see Chapter 5 of the printer *User's Manual*.)

If the printer displays an error message, see Chapter 8 of the *User's Manual*.

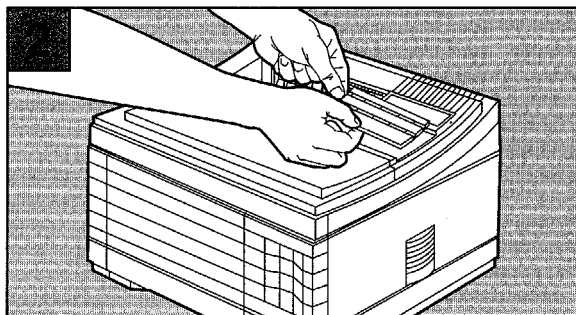
Changing the Language (optional)

G

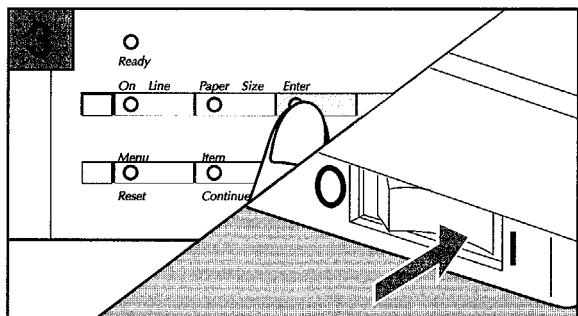
To change the control panel language from English to a language of your choice, follow these steps.



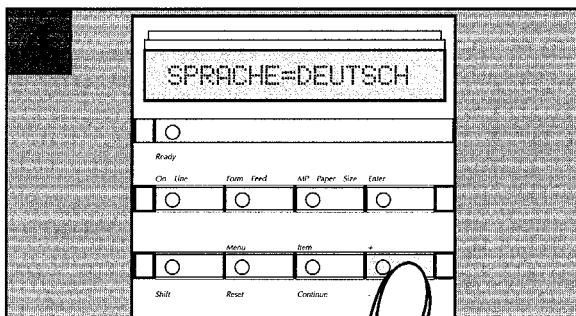
Switch the printer OFF (0).



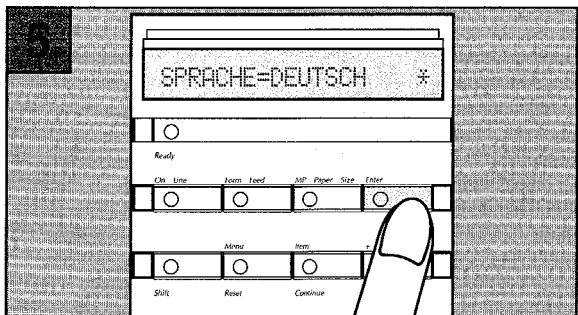
Outside the U.S. and Canada only: Remove the control panel overlay from its bag, position and snap into place.



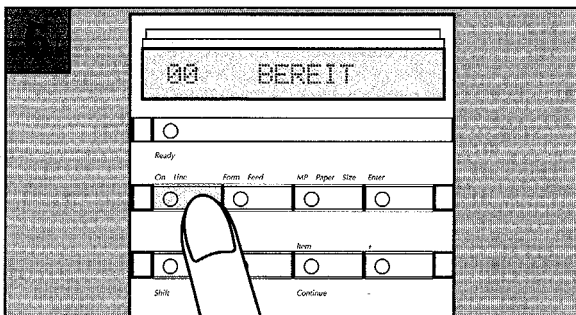
Hold **Enter** while switching the printer back ON.



Wait for LANG=ENGLISH to appear. Press **Enter** repeatedly until the desired language appears.



Press **Enter** to save your selection. An asterisk (*) appears beside your language selection.

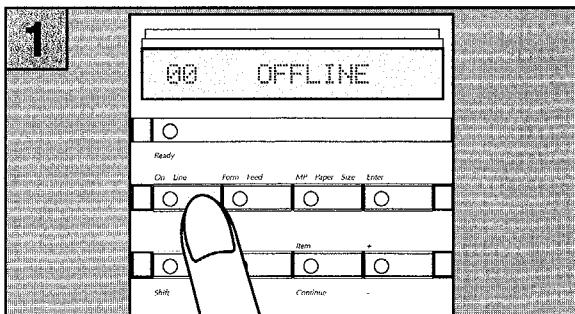


Press **On-Line**. The **On-Line** light comes on and messages now display in the selected language.

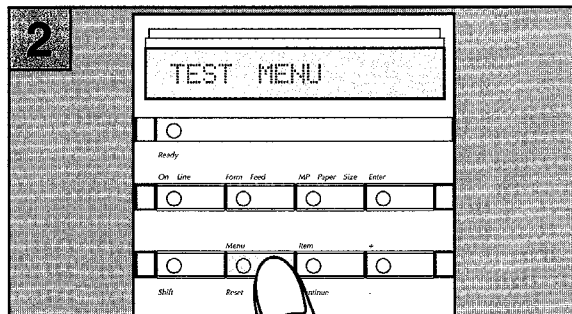


Testing Printer Operation

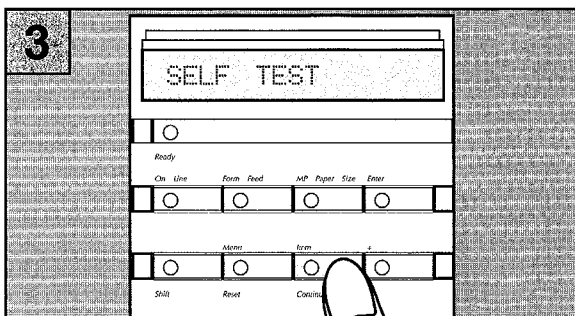
Print a Self Test to make sure your printer is operating correctly.



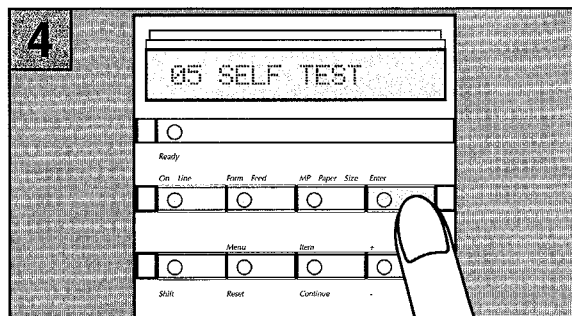
Press **Offline** to take the printer off line (the display reads 00 OFFLINE).



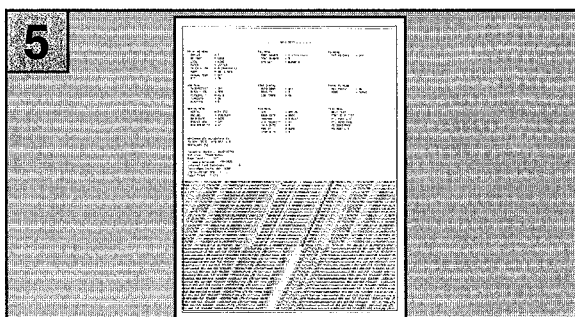
Press **Menu** repeatedly until TEST MENU appears.



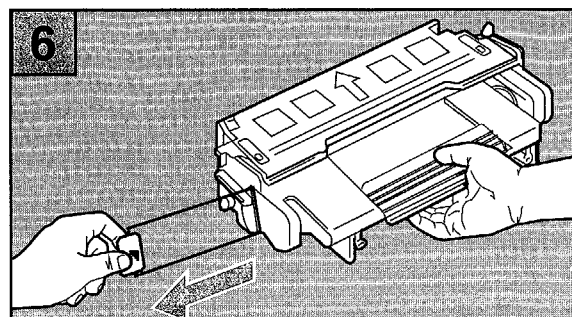
Press **Enter** until SELF TEST appears.



Press **Enter** to run the test.

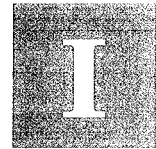


It will take a moment for the test to print. The Self Test verifies printer operation and tells you how your printer is configured.

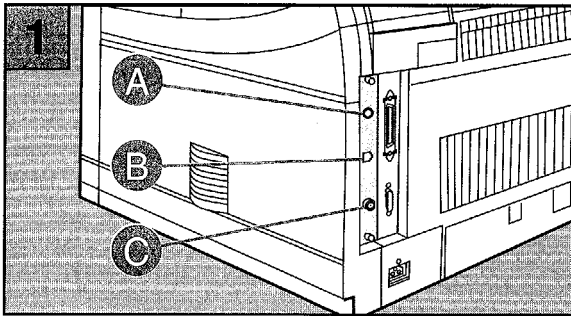


If blank pages print, make sure you have removed the toner cartridge sealing tape (see section D). If paper jams, check for packing materials still in the printer (see section B).

Selecting the Interface (I/O) for Your Printer



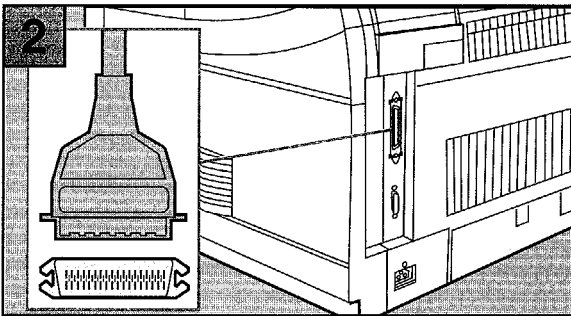
Your HP LaserJet 4M Plus printer supports up to five different interface connections: LocalTalk, Bi-Tronics Parallel, Serial, and Ethernet (10BASE-T and 10BASE 2).



Macintosh and network I/O ports.

For Macintosh and network users:

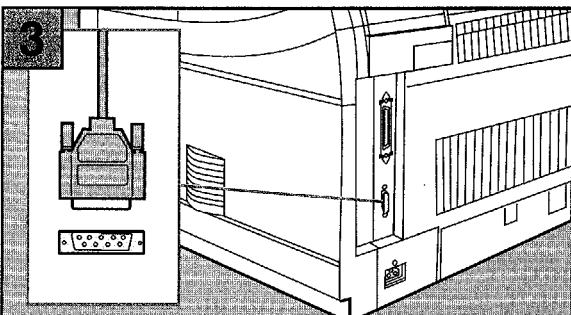
A=LocalTalk (DIN-8)
B=Ethernet (10BASE-T)
C=Ethernet (10BASE 2)



Bi-Tronics Parallel printer port and cable.

For IBM-compatible computers:
Bi-Tronics Parallel

The Bi-Tronics standard (compatible with *Centronics* parallel), provides enhanced capabilities, such as bi-directional communication between the computer and printer, and faster transmission of data.

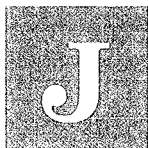


Serial printer port and cable.

For IBM-compatible computers:
Serial (9-pin)

The printer supports a 9-pin RS-232C serial interface. Serial interfaces are generally slower, but provide increased flexibility in locating the printer.

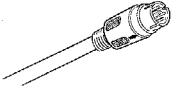
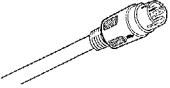
See the next several pages for information about connecting I/Os.

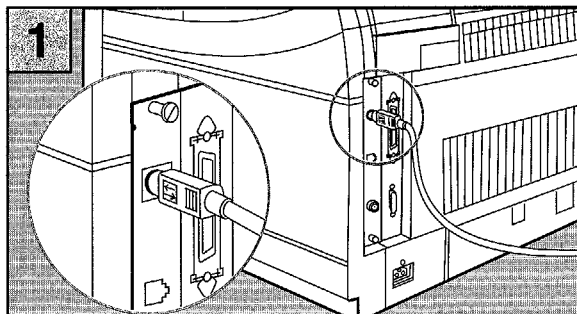


Connecting the Printer Directly to a Macintosh Computer

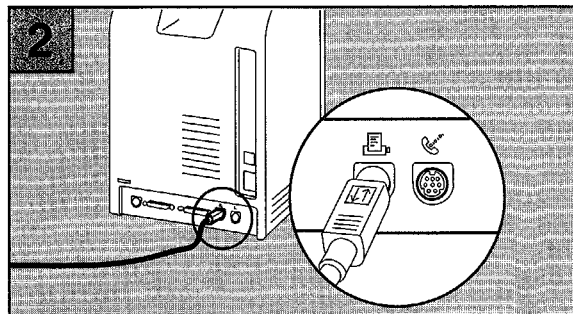
Follow these instructions if you are connecting your printer directly to your Macintosh computer. (To connect to an AppleTalk network, go to section K.)

A typical printer cable for a Macintosh computer looks like this:

Computer End	LocalTalk Interface Cable (DIN - 8)		Printer End
	HP Part Number	Length	
DIN - 8 Male Plug	HP 92215S	5.0' (1.5 m)	DIN - 8 Male Plug



Turn the printer OFF. Plug the cable into the LocalTalk port.



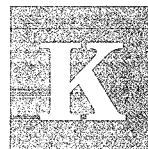
Turn your Macintosh computer OFF. Plug the cable into the Macintosh printer port.

NOTE

You must plug the cable into the **PRINTER** port of your Macintosh computer. AppleTalk will work only if you plug your cable into that port.

When you have finished attaching your cable, go to section L to determine if you need to connect other I/Os.

Connecting the Printer to an AppleTalk Network



Follow these instructions if you are connecting your printer to an AppleTalk network (not connecting directly to a Macintosh computer).

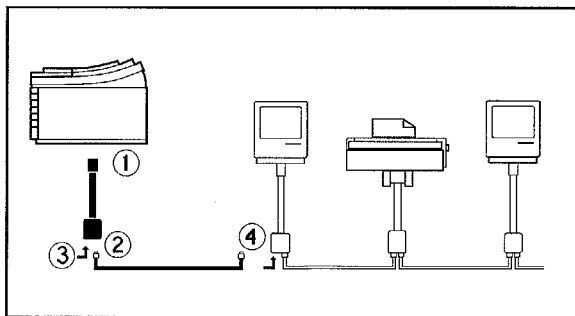
NOTE

Your HP LaserJet 4M Plus printer does not come with a LocalTalk network cable. You must obtain your cables separately. Use a standard LocalTalk network cable and connector kit, such as the HP LocalTalk Network Cable Kit, part number HP 92215N. You will need one

connector kit for each printer on your network. Additionally, each Macintosh computer on your network requires its own connector kit. To order an HP network cable kit, contact your authorized HP dealer.

Connecting your Printer to the END of an AppleTalk Network

(Instructions for connecting your printer to the MIDDLE of an AppleTalk network are on the next page.)



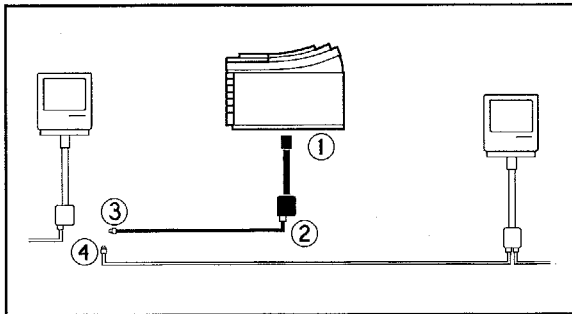
Connecting to the END of an AppleTalk Network

1. Make sure your printer is **OFF**. Insert the connector box cable into the LocalTalk port of your printer.
2. Insert one end of the network cable into the connector box.
3. If your connector box is not self-terminating, insert a terminating resistor into the connector box.
4. Insert the other end of the cable into the last connector box on the network. (Remove the terminating resistor if necessary.)
5. Turn your printer **ON**.

When you have finished attaching your cables, go to section L to determine if you need to connect other I/Os.

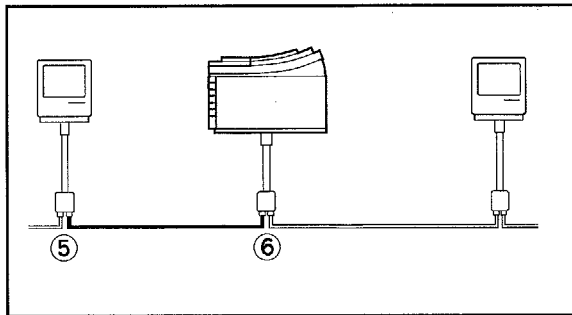
Connecting your Printer to the MIDDLE of an AppleTalk Network

(Instructions for connecting your printer to the END of an AppleTalk network are on the previous page.)



Connecting to the MIDDLE of an AppleTalk Network, steps 1 through 4.

1. Make sure your printer is **OFF**. Insert the new connector box cable into the LocalTalk port of your printer.
2. Insert one end of the new network cable into the new connector box.
3. Set the other end of the new cable next to a connector box on the network.
4. Unplug one cable from the connector box on the network.



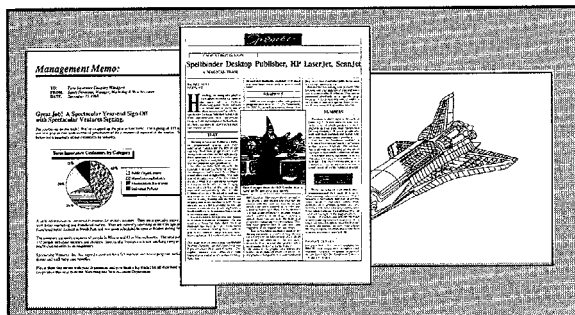
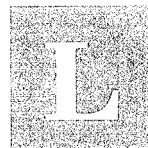
Connecting to the MIDDLE of an AppleTalk Network, steps 5 and 6.

5. Insert the new cable into the connector box on the network.
6. Insert the cable you removed from the network into the new connector box. Then, turn the printer **ON**.

When you have finished attaching your cables, go to section L to determine if you need to connect other I/Os.

The Bi-Tronics Parallel Interface

The Bi-Tronics parallel interface is used on IBM-compatible (non-Macintosh) computers only.

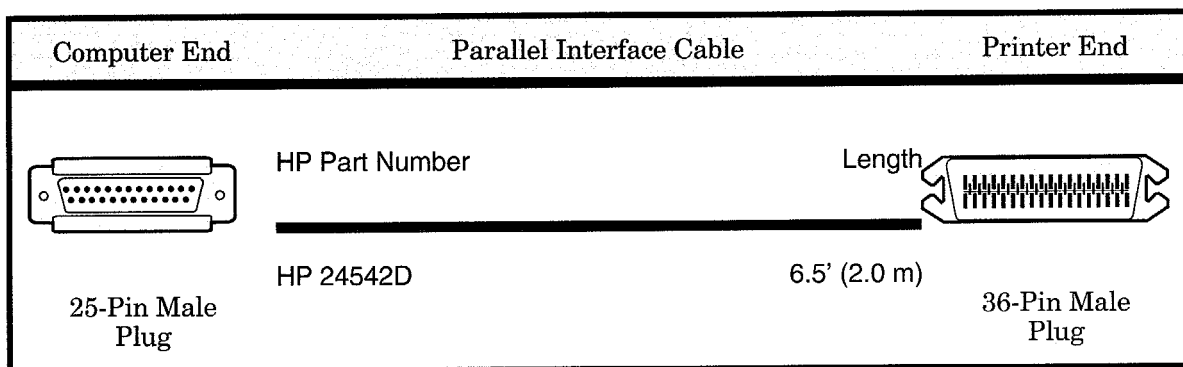


Typical graphics printing.

The Bi-Tronics parallel interface generally transfers print data at a faster rate than the serial I/O. Use a Bi-Tronics parallel interface:

- If you send a lot of graphic information or soft fonts to the printer.
- If you position your printer less than 10 feet (3 meters) from your computer.

A typical Bi-Tronics parallel cable looks like this:



NOTE

Use a high-quality, shielded parallel interface cable to allow access to the advanced functions offered by the printer's Bi-Tronics interface.

The HP cable listed above meets all quality standards and supports all Bi-Tronics interface features.

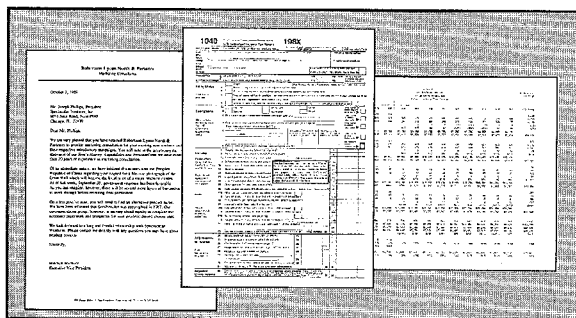
Applications such as HP Explorer's "Remote Control Panel" and "Status Monitor" or the Windows "Status Window" use the printer's Bi-Tronics interface to send status information back to the computer. This requires a direct connection from computer to printer via a local parallel port (for example, LPT1:, LPT2:). These applications do not work through a network or a switching device.

To install a Bi-Tronics parallel cable, go to section N.



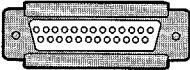

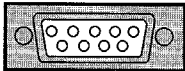
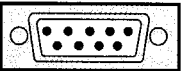
The Serial Interface

The 9-pin serial interface is used on IBM-compatible (non-Macintosh) computers only.



Typical text printing.

A typical serial cable looks like this:

Computer End	Serial Interface Cable		Printer End
	HP Part Number	Length	
25-Pin Female Plug	HP C2933A (RS232C)	9.8' (3.0 m)	9-Pin Male Plug
	HP Part Number	Length	
9-Pin Female Plug	HP C2932A (RS232C)	9.8' (3.0 m)	9-Pin Male Plug

NOTE

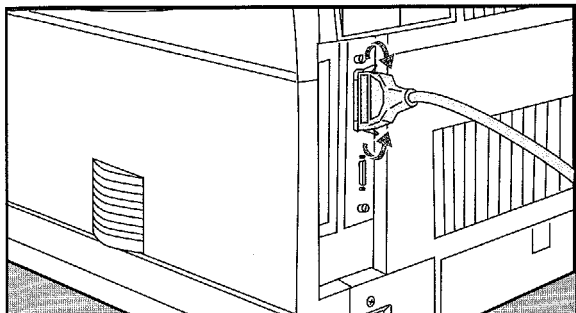
Most 9/25 pin serial adapters **DO NOT** work with this printer. Contact your authorized HP dealer to purchase an

adapter designed for this printer (order HP part number C2073A).

To install a serial cable, go to section N.

Installing Interface Cables

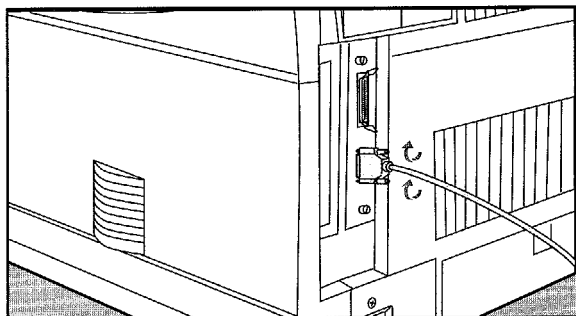
N



Attaching a parallel cable.

Bi-Tronics parallel:

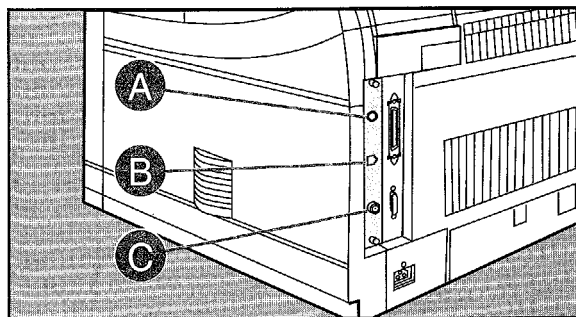
1. Make sure your computer and printer are switched **OFF**.
2. Plug the cable into your computer and printer ports. Use the wire clips to attach the cable to your printer.
3. Switch your computer and printer **ON**.
4. Since the printer has automatic I/O switching, you do not need to configure your interface from the printer's control panel.



Attaching a serial cable.

Serial:

1. Make sure your computer and printer are switched **OFF**.
2. Plug the cable into your computer and printer ports, and secure the cable screws.
3. Switch your computer and printer **ON**.
4. Since the printer has automatic I/O switching, you do not need to configure your interface from the printer's control panel. You will, however, need to specify the baud rate, pacing, and DTR polarity from the printer's control panel. See Chapter 5 of your printer *User's Manual* for more information.

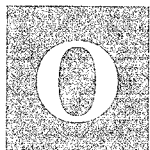


Macintosh and network I/O ports.

Other interfaces:

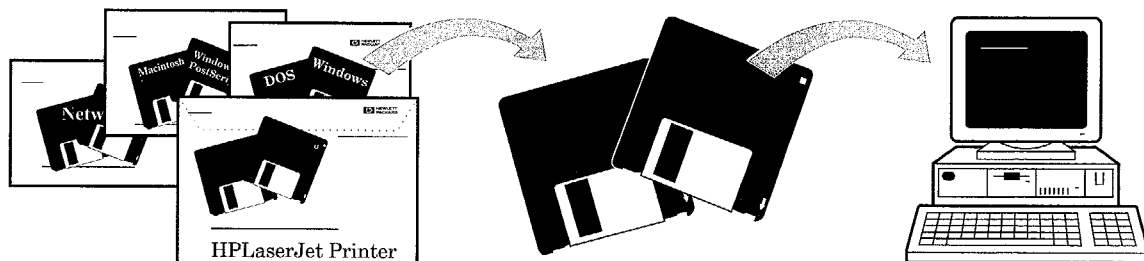
- A= **LocalTalk (DIN-8)** - see section J or K.
- B= **Ethernet (10BASE-T)** - see the *Network Interface Configuration Guide* shipped with your printer.
- C= **Ethernet (10BASE 2)** - see the *Network Interface Configuration Guide* shipped with your printer.

Go to section O.



About the Printing Software

Now that the printer's physical installation is complete, you need to load the supplied printing software.



The software disks are supplied inside the large envelopes.

You need the printing software to provide access to all the features of your new printer. Software is provided for users of Macintosh, Windows 3.1 (PostScript and HP PCL), and for DOS applications. Additional software is provided for users of Macintosh or Novell networks.

This *Getting Started Guide* and the instructions within the software help you determine which software components you need, how to copy them to your hard disk, and how to configure the software to allow immediate printing.

WHAT COMES NEXT?

You will need to complete one or more of these sections to be successful!

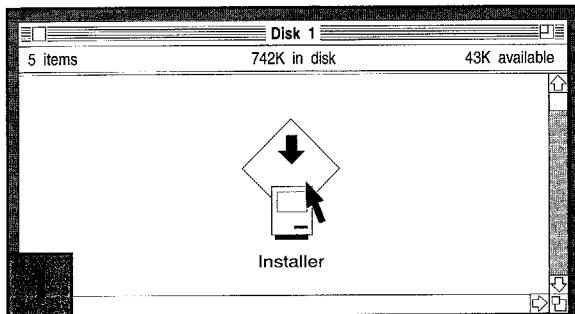
<u>Section</u>	<u>Environment</u>
P	Macintosh users
Q	Windows PostScript (IBM-compatible computers)
R	Windows HP PCL (IBM-compatible computers)
S	DOS PCL (IBM-compatible computers)
T	DOS Explorer (IBM-compatible computers)
U	Novell Networks

Installing the Printing Tools Software for Macintosh Computers

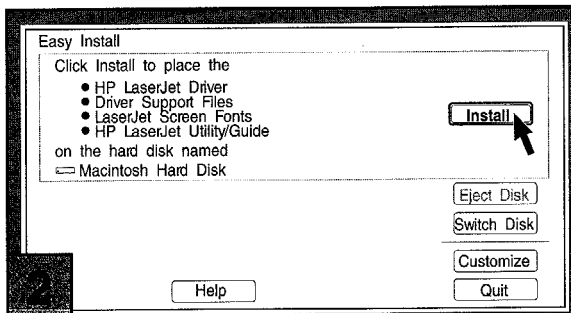
P

Who needs this software?

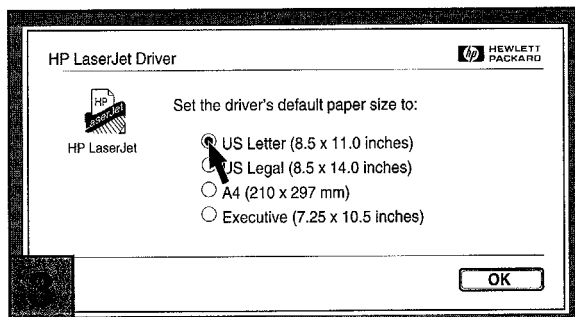
If you are using a Macintosh computer, follow these instructions to install the software. Before starting, the I/O cables should be connected (sections J & K) and your printer turned **ON**.



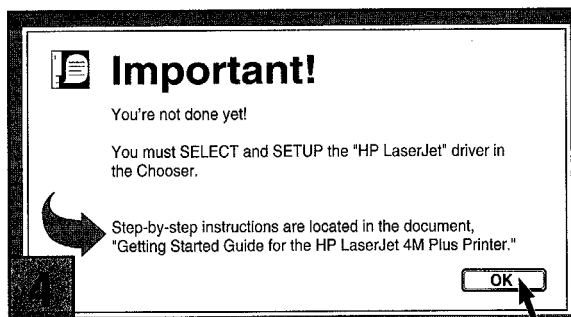
Quit all open applications and insert the Printer Software for Macintosh, Disk 1 into your disk drive. Double click the **Installer** icon.



Click **Install** to run the "Easy Install" program.

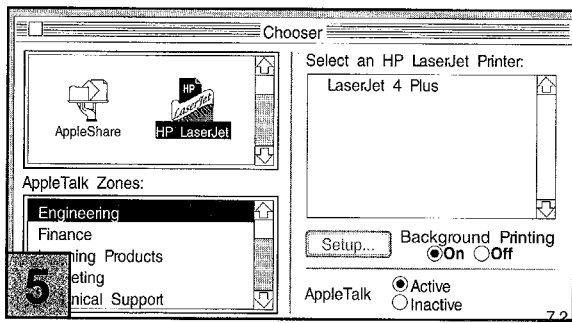


Click on the default paper size. This is the paper size that the printer will always expect, unless you choose otherwise for a specific print job.

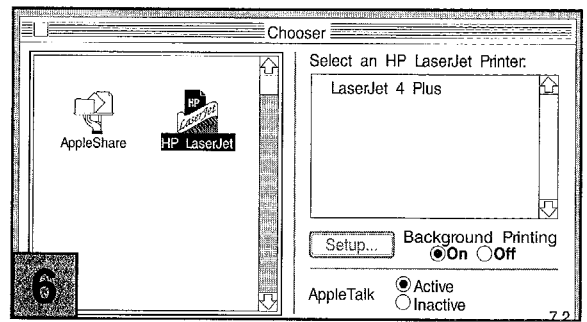


The Installer's last screen informs you that there is more to do. From the Apple menu, open the Chooser and click on the **HP LaserJet** icon.

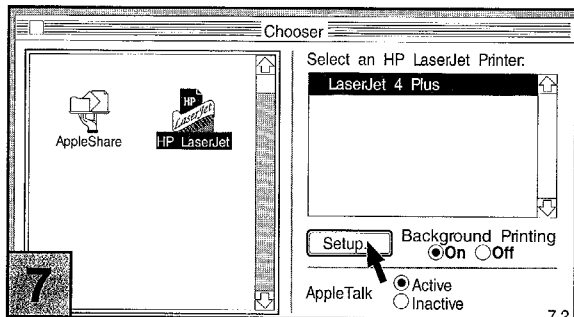
Continue to step 5.



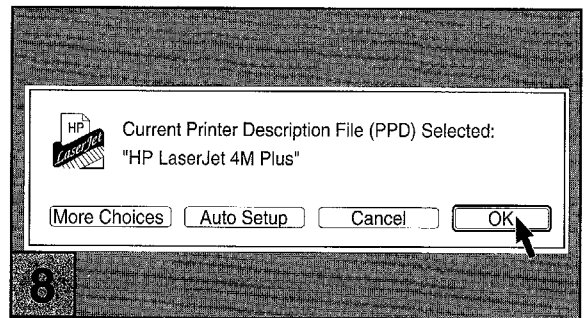
If the Chooser screen displays AppleTalk zones, you are on a network. Refer to the *Macintosh Notes* manual to complete installation.



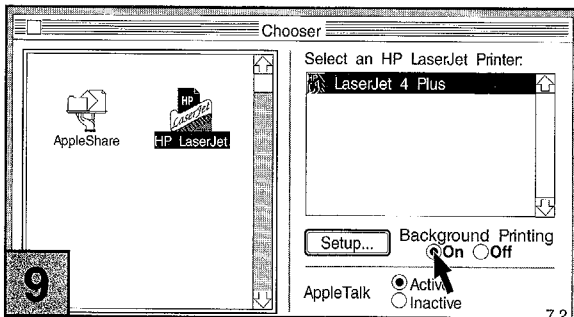
If the Chooser screen appears as above (no AppleTalk zones displayed), continue to step 7.



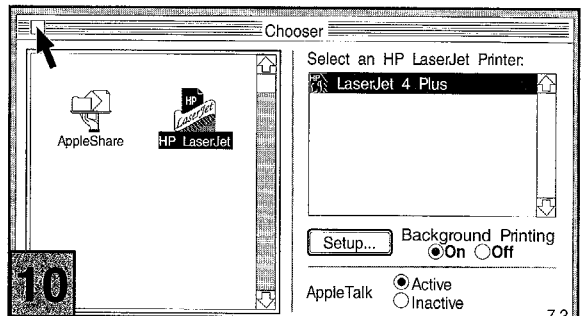
Select a printer name from the **Select an HP LaserJet Printer** box. Click **Setup**.



Click **Auto Setup**. (In most cases, the driver will automatically select the correct PPD for your printer.) Click **OK** to return to the Chooser.



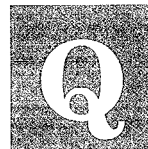
A mini-icon now appears next to your chosen printer. Select **Background Printing On** (NOTE: requires use of Multi-Finder in System 6.)



Click **Close** to exit the Chooser.

Macintosh installation is now complete. If you are also installing the printer on a IBM-compatible or other non-Macintosh computer, continue to section Q. If not, go to section V to verify operation

Loading the PostScript[®] Printer Software for Windows 3.1



Who needs this software?

If you intend to print from any Windows 3.1 software applications using the Adobe PostScript printer language, you need to load this software. (Software to support HP's PCL printer language is also provided - refer to section R.)

The PostScript Printer Software for Windows 3.1 provides:

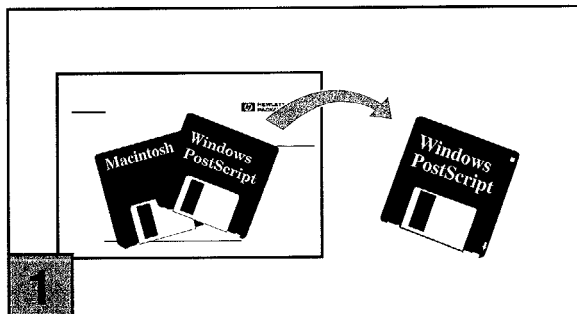
- Adobe PostScript Level 2 Printer Driver: The Windows PostScript printer driver allows your Windows 3.1 PostScript applications to "talk" to your new printer using the Adobe PostScript Level 2 printer language. Separate printer drivers are provided for both 300 and 600 dpi printing .

The following optional capabilities are available within the PostScript printer driver's **Setup** window (shown in step 7, on the next page):

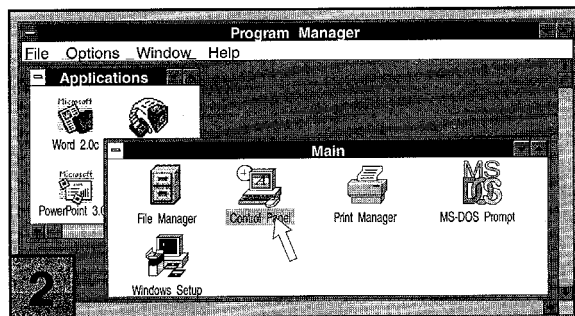
- **Font Downloader:** The Font Downloader uses Adobe Type Manager technology to download fonts, manage font groups, install font devices and access additional options.
- **TrueType Dialog Box:** Tells the printer driver how to print TrueType fonts. Allows you to substitute selected PostScript fonts for TrueType fonts.
- **Features Dialog Box:** Use this dialog box to control optional printer features (EconoMode, optional lower cassette, envelope feeder, duplex unit, etc.).

NOTE

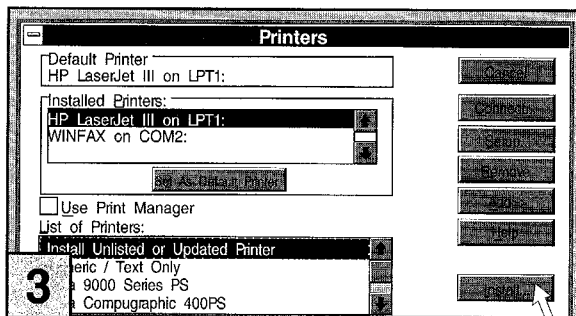
For more information, click the **Help** button from the PostScript printer driver's **Setup** window.



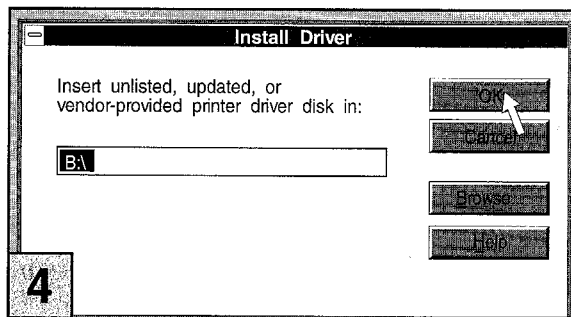
Insert the PostScript Printer Software for Windows 3.1 disk into your computer's floppy disk drive (usually A: or B:).



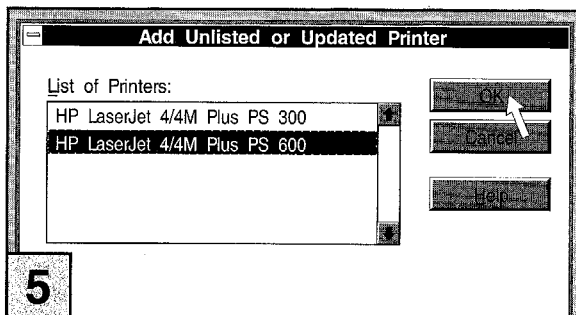
From the **Main** window of the Program Manager, double click on the **Control Panel** icon, then the **Printers** icon.



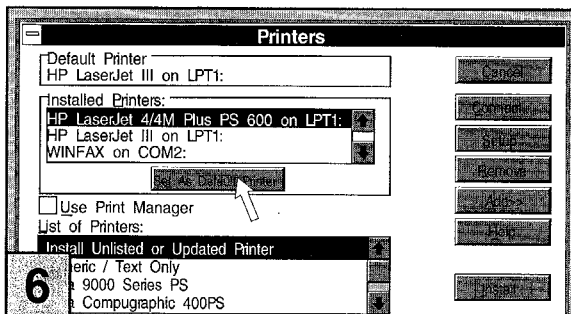
Click **Add** (if available). From the **List of Printers** box, highlight **Install Unlisted or Updated Printer** (top of list) and click **Install**.



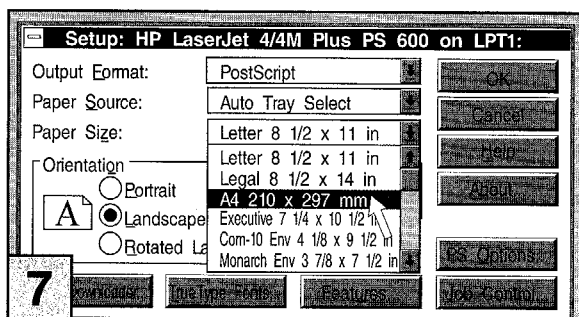
When the **Install Driver** window appears, enter the drive letter and path containing the software disk (usually A: or B:). Click **OK**.



Highlight **HP LaserJet 4/4M Plus PS 600** within the List of Printers. Click **OK**. (NOTE: Return here to also install a 300 dpi printer driver.)



When the **Printers** window returns, highlight the new printer and click on **Set as Default Printer**.



Click on **Setup** to access the above screen.

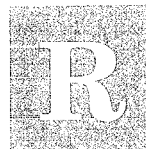
7a. You may want to change the default paper size from Letter to A4 or another selection. Click on the **Paper Size** box and select a new default paper size.

7b. Change any other settings you wish or use the optional capabilities, as described earlier.

7c. Click **OK** to return to the **Printers** window.

7d. Click on **Close** to exit the Printers window.

Loading the HP PCL Printing System Software for Windows 3.1



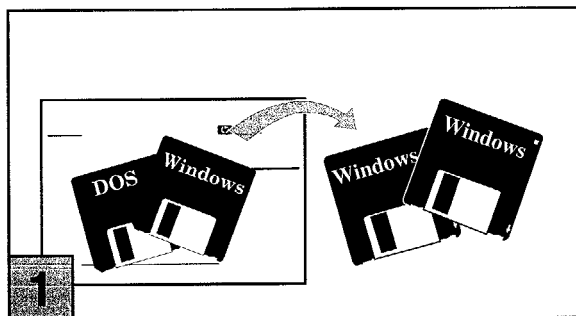
Who needs this software?

Windows 3.1 supports both PostScript and HP PCL. Typically, you would choose one of these printer languages. For Windows users not requiring PostScript (such as in a mixed Macintosh and IBM-compatible environment), HP recommends you follow these instructions (choosing the “Express” installation method presented during installation).

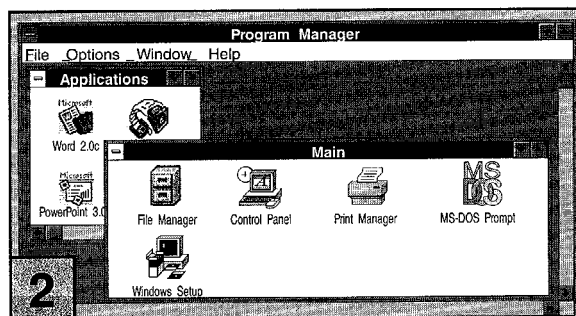
If you do **not** use Microsoft Windows or Windows applications, proceed to section S.

The Windows printing software provides:

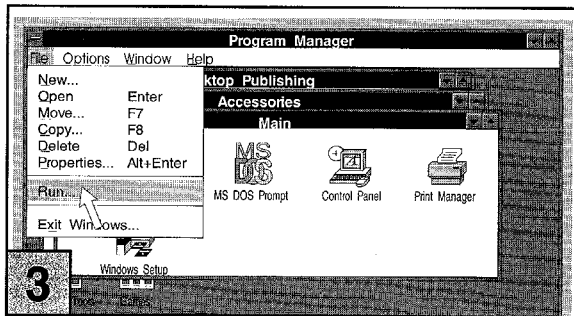
- **Windows Printer Driver (PCL):** allows your Windows 3.1 applications to “talk” to your new printer (through the Print dialog box). This printer driver supports both 300 and 600 dpi printing using the enhanced HP PCL 5 printer language.
- **Status Window:** reports printer activities on your computer screen.
NOTE: The Status Window requires a direct parallel port connection - see section L.
- **Travel Guide:** uses your computer to teach you about the printer in a friendly and fun way.
- **TrueType Screen Fonts:** ensure that text displayed on your screen will match the printed output. This is known as WYSIWYG (What You See Is What You Get).



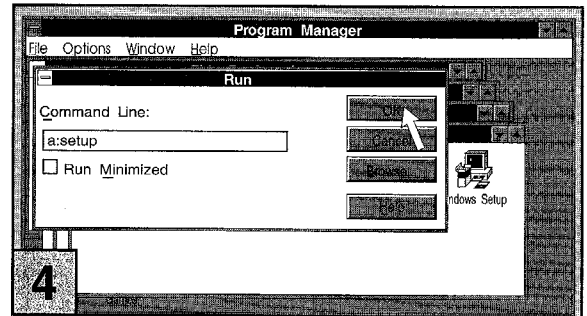
Insert the HP LaserJet 4 Plus Printing System for Windows 3.1, Disk 1 into your floppy disk drive.



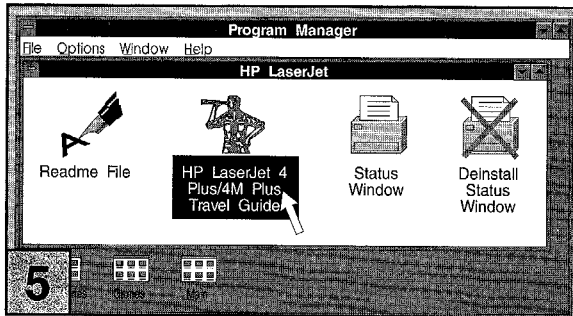
Start Windows. You should be in the Program Manager window, as shown here.



From the **Program Manager** window, click the **File** menu, and select **Run**.



Type `a:setup` (or `b:setup`) and click **OK**. Follow the on-screen instructions (HP recommends using the "Express" setup).



When installation completes, and you see the HP LaserJet group, you are ready to print with your new printer.

Go to section S.

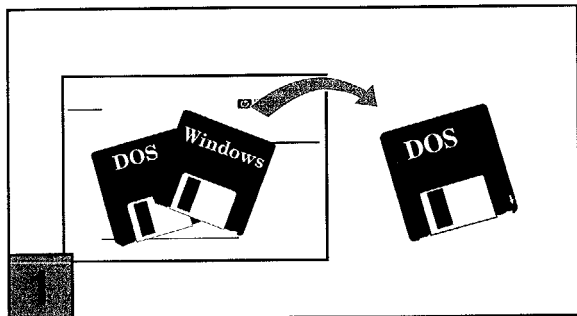
Loading HP PCL DOS Printer Drivers

Who needs this software?

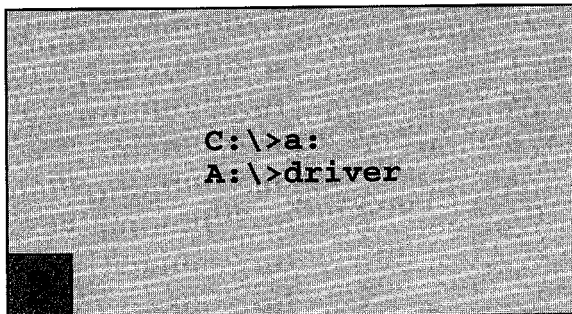
S

If you are using WordPerfect version 5.1 or 6.0 for DOS, Harvard Graphics 3.0 for DOS, or Lotus 1-2-3 for DOS, an HP PCL printer driver is provided for each of these popular DOS applications.

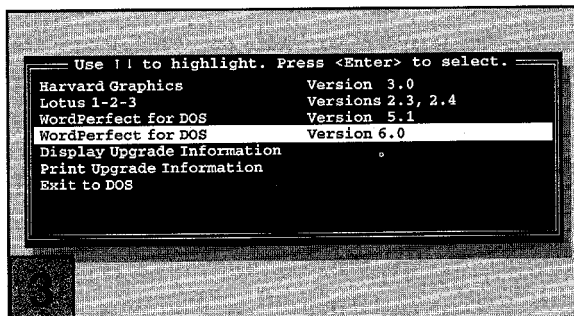
If you want to print from other DOS applications (not listed above), or you need support for PostScript, refer to your software documentation or contact your software vendor.



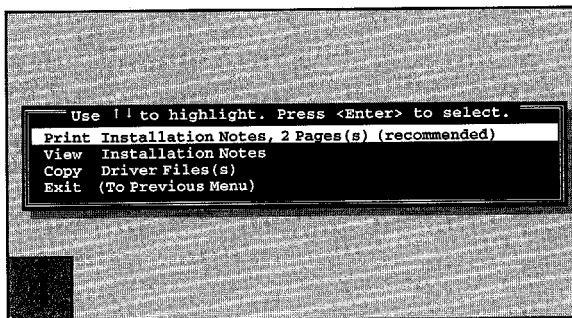
Insert the DOS Printer Drivers disk into your computer's floppy disk drive (usually A: or B:).



To start type A: (or B:) and press **Enter**, then type driver and press **Enter**. Next read the Introduction screen and press **Enter**.



Use the arrow keys and press **Enter** to select a driver to install.

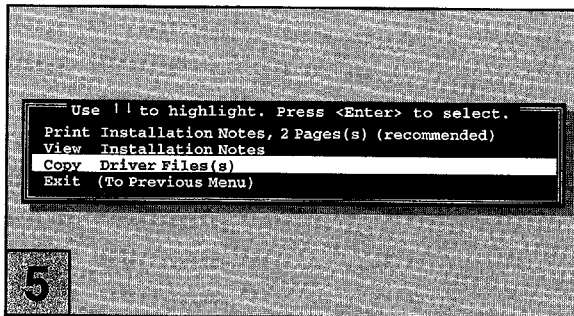


Use the arrow keys and press **Enter** to print the installation notes.

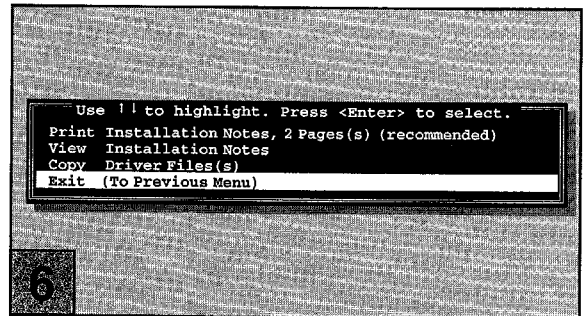
NOTE

The installation notes will be required to successfully install the printer driver within your application. If the notes do not print, ensure that the printer is

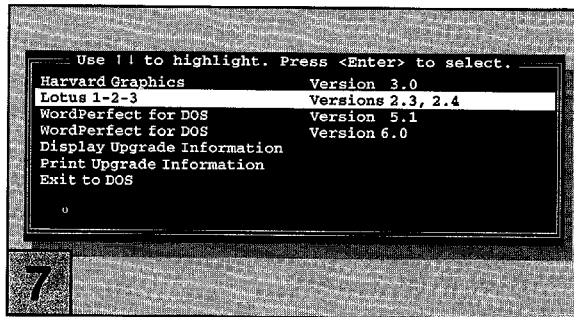
properly connected to your computer, is turned on, and the display reads **00 READY** (or **00 POWERSAVE**). Refer to section W for more help.



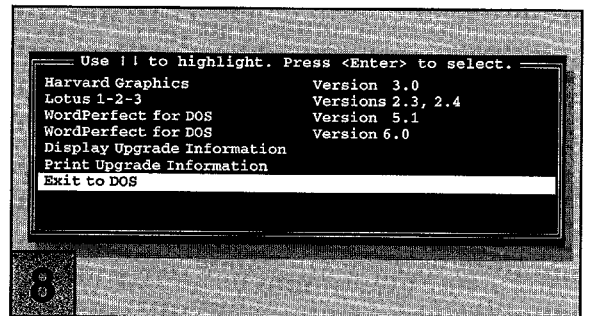
Use the arrow keys and press **Enter** to copy the driver files to your hard disk.



Use the arrow keys to highlight Exit. Press **Enter** to return to the previous menu.



If you want to install another driver, use the arrow keys and press **Enter** to select. Repeat steps 4 through 6.



After installing all the drivers you need, use the arrow keys to highlight Exit. Press **Enter** to return to DOS.

NOTE

The appropriate driver files have been copied to your hard disk, but have not been selected in your application.

Refer to the installation notes you printed in step 4 to finish selecting the driver from within your application.

Go to section T.

Loading the HP Explorer Utility

T

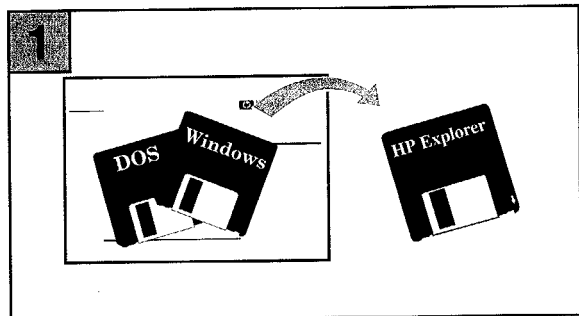


Who needs this software?

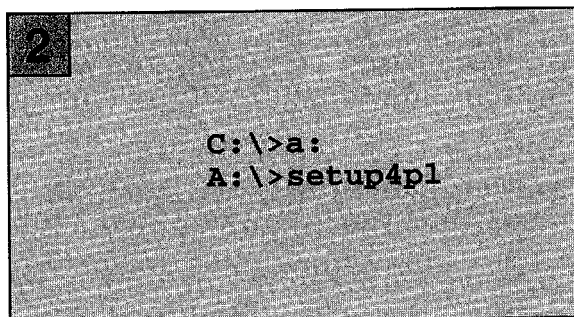
If you use DOS applications, and run them from the DOS prompt (not from the MS-DOS icon within Windows), you'll want to load the HP Explorer Utility.

The DOS HP Explorer utility provides:

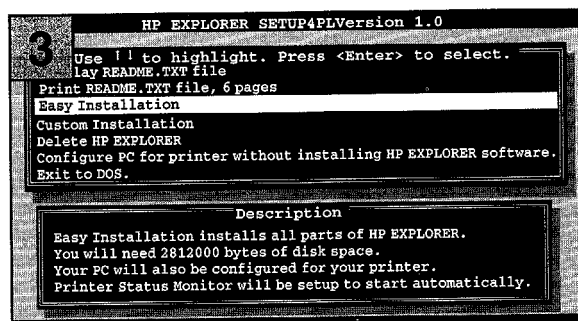
- **Status Monitor:** reports printer activities on your computer screen.
- **Remote Control Panel:** brings most printer control panel functions to your computer screen.
NOTE: The Status Window requires a direct parallel port connection - see section L.
- **Travel Guide:** uses your computer to teach you about the printer in a friendly and fun way.



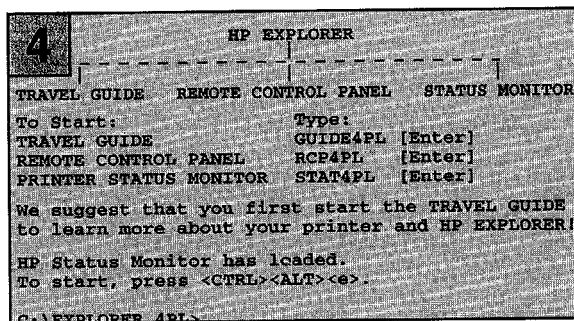
Insert the HP Explorer disk into your computer's floppy disk drive (usually A: or B:).



If you are running Windows, exit *completely* to the DOS prompt (*see above*). Type A: (or B:) **Enter**. Type setup4pl **Enter**.



When the screen shown above is displayed, select **Easy Installation** and press **Enter**. Follow the directions on-screen.



When the installation is complete, you are ready to use HP Explorer. Read your computer screen (illustrated above) for instructions.

Go to section U.



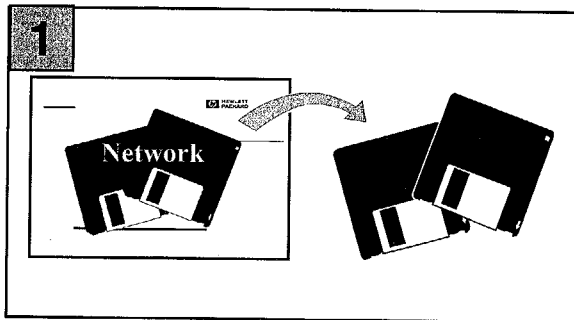
Loading Novell Networking Software



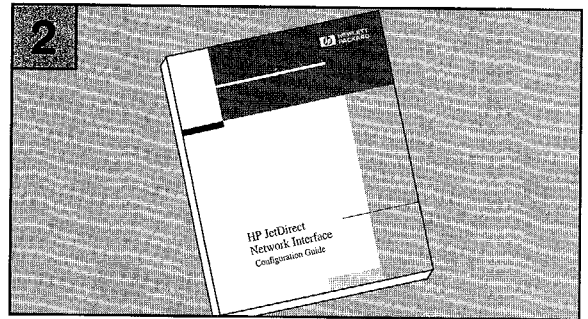
Who needs this software?

If you want to connect your printer to a Novell network, you need the networking software.

The printer ships with **Network Administrator's software** for Novell networks. Additional software is available for Microsoft Lan Manager, IBM Lan Server, Microsoft Windows for Workgroups, and Windows NT. Please refer to the inside front cover of the printer's *User's Manual* for information on how to obtain this software.



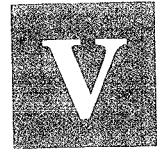
The supplied software is intended for use by Network Administrators.



Refer to the *HP JetDirect Network Interface Configuration Guide* for networking software installation instructions.

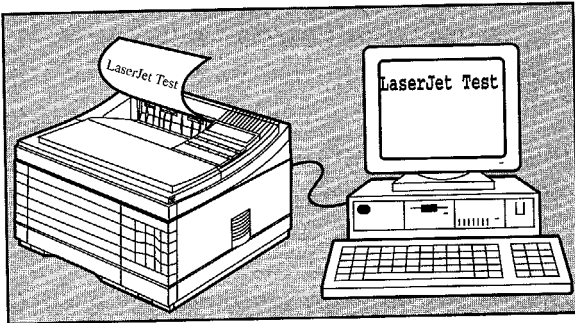
After installing the networking software, proceed to section V of this guide to verify computer-to-printer communication.

Verifying Computer-to-Printer Communication



The easiest way to verify that the installation has been completed successfully is to print a test file from a software application.

If your printer is connected to both Macintosh and IBM-compatible computers, repeat the following steps from each host computer.

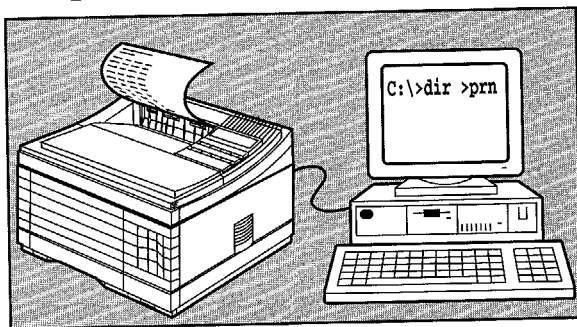


Print a simple test file.

1. Make sure the printer is ON and the printer display reads **00 READY** or **00 POWERSAVE**.
2. Open a software application of your choice.
3. Make sure you have selected the LaserJet 4 or 4M Plus driver within your application.
4. Open or create a simple document.
5. Print the document (typically by selecting **Print** from the **File** menu).

If the test file prints, installation is now complete!

If nothing printed, use the following procedure to ensure that the computer and printer can communicate apart from your software application:



Send a directory listing to the printer.

Macintosh users:

Refer to the *Macintosh Notes* manual.

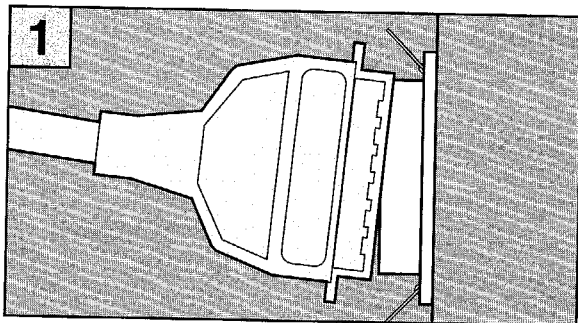
IBM-compatible computer users:

1. Make sure the printer is ON and the printer display reads **00 READY** or **00 POWERSAVE**.
2. At the root directory (C:\>) type **DIR >PRN** and press Enter.
3. Press **Online** to take the printer off line.
4. If the Form Feed light is on, press **Form Feed** to print and eject the page. The page should contain your directory listing.
5. If the directory listing printed, but the test file above did not, repeat the software installation procedures, starting at section O.

If nothing printed, go to section W.



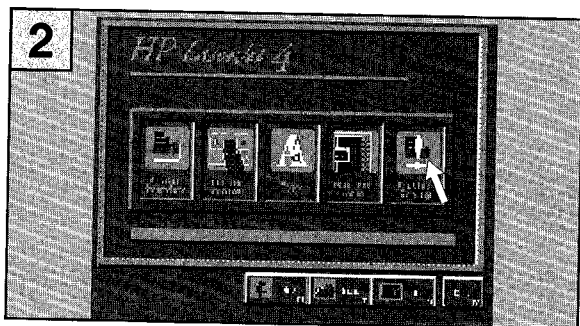
In Case of Difficulty



Loose interface cables are a common cause of difficulty.

Check the installation:

1. Repeat the installation steps in this guide. Be sure you have removed all packing materials (section B), and installed the toner cartridge correctly (section D).
2. Verify that all cables are the correct type. Check all cable connections to be sure they are secure, connected squarely, and correct side up.



From the Travel Guide's Main Menu, select "Problem Solving."

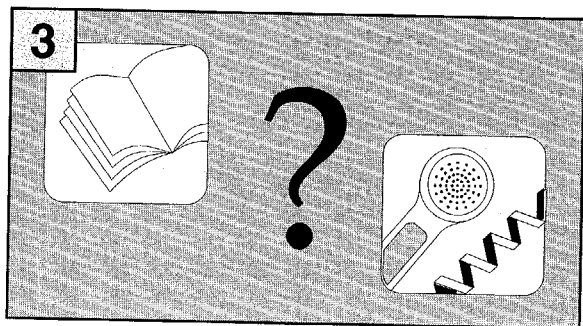
Macintosh users:

Refer to the *Macintosh Notes* manual.

IBM-Compatible users:

Run the Travel Guide's Problem Solving module:

- **From Windows** - Click on the Travel Guide's icon in the HP LaserJet program group window. Click on the "Problem Solving" icon.
- **From DOS** - Type GUIDE4PL **Enter** from the DOS prompt. Click on the "Problem Solving" icon.



Further help is available.

For Further Assistance:

1. Consult your printer *User's Manual*
2. Call the HP Dealer where you purchased your HP LaserJet 4M Plus Printer.
3. See the inside front cover of your printer *User's Manual* for customer service information.



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