

Read Me First!

HP PaintJet XL300 Color Printer



Getting Started

Regarding this document...

Our world is rapidly growing smaller as the needs for global communications become increasingly larger. We at Hewlett-Packard want to provide you with documentation that can be understood globally as well as locally. Our goal is to accommodate a wide audience. A language shared by more than one culture (for example, English or Spanish) challenges this goal by using different words in different locations. While you personally may have chosen a different word or phrase, it is our intent to use terms and expressions in this document that are clear and understandable to anyone who uses the language. This is our sincere and best effort at creating documentation that is *globally* understood and accepted.

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Getting started

Before you begin

When first getting started, we recommend reading the sections of this guide in sequence.

Important

Media and print cartridges must be loaded and media tray installed before plugging in the printer or the printer will not initialize. The printer will automatically initialize once the power cord is plugged in. Allow about 5 minutes for the printer to initialize.

The carriage cover must be closed before and during the entire time the printer is initializing. If you open the carriage cover during the time the printer is initializing, the printer will not initialize properly. To correct the problem, close the carriage cover, then press the **Ready** button twice to initialize the printer again.

A table is provided on page 59 of this guide that will help you if the printer does not initialize properly.

As you go through this guide, you will notice either an arrow or square at the bottom-right corner of each page. The arrow indicates that the procedure or topic continues on the next page. The square indicates that the procedure or topic has ended.



Getting help

Hewlett-Packard has support services available to help you in case you have a problem with your HP PaintJet XL300 printer. Following are suggestions of places to turn to for this support.

Before you call for customer support, make sure you do the following:

- 1 Review the “Troubleshooting” chapter in the User’s Guide.
- 2 Print the built-in self test described in this Getting Started guide.
- 3 Make sure you are using the correct interface cables and rear-panel switch settings, as explained in Chapter 3 of the User’s Guide.
- 4 Check with your software vendor for help.

If you still have difficulty, begin by contacting the person who sold you your HP PaintJet XL300. Your sales representative or dealer is familiar with your needs, equipment, and software and should be able to provide you with the information you want.

In the U.S., if you don’t get the answers to your questions from your dealer or sales representative, you may contact HP’s Customer Support Center (CSC) line. The HP CSC staff can provide you with help by answering questions on your printer or accessories supplied with your printer.

The HP Customer Support Center service is available from 7 am to 6 pm (Mountain Standard Time), Monday through Friday, except Wednesday (7 am to 4 pm).

(208) 323-2551

Should the printer require service (U.S. only), please refer to “Returning your printer for service” in Chapter 7 of the User’s Guide for instructions.



Checklist for setting up your printer

If you purchased the HP PaintJet XL300 with PostScript[™] installed (C1656A), go to the PostScript Installation Guide after printing the self test. The DOS[®], Windows[®], and Macintosh[®] information in this guide applies to users who are not working with PostScript. To properly set up your printer, follow the procedures in this guide in the *exact* order as shown below (titles of procedures are listed).

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Unpack the printer

Carefully unpack and inspect the printer and accessories. Compare the parts you received with those shown on the next page.

If any parts are missing, contact the dealer or HP Sales and Support Office where you purchased the printer. Save the carton and packing materials in case you ever need to ship your printer. If you received your printer in damaged condition, notify the dealer or HP Sales and Support Office where you purchased the printer. Then file a claim with the carrier.

For information on ordering additional supplies, refer to the “Ordering information” chapter of the HP PaintJet XL300 User’s Guide.

Important

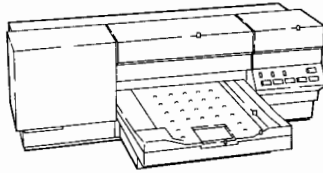
An interface cable (required to connect the printer to a computer) is not included with your printer and must be purchased separately. Refer to the “Ordering information” chapter of the HP PaintJet XL300 User’s Guide or consult your dealer to decide which interface cable you need for your computer.

If you purchased the basic printer (C1645A), it will come with a set of Macintosh software disks, Windows software disks, and a DOS software disk.

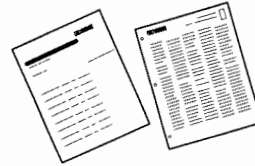
If you purchased the PostScript printer (C1656A), the printer will have a set of Macintosh PostScript software disks, a set of Windows PostScript software disks, and a PostScript Installation Guide in addition to those items listed on the next page.



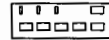
HP PaintJet XL300
(C1645A or C1656A)



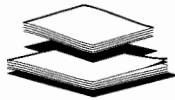
Ordering Guide



Control-Panel Overlay



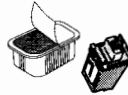
Media Sampler



Power Cord



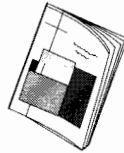
Print Cartridges (4)



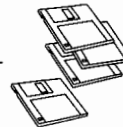
PaintJet XL300 User's Guide



PaintJet XL300 Getting Started



Printer Software
(depends on printer purchased)



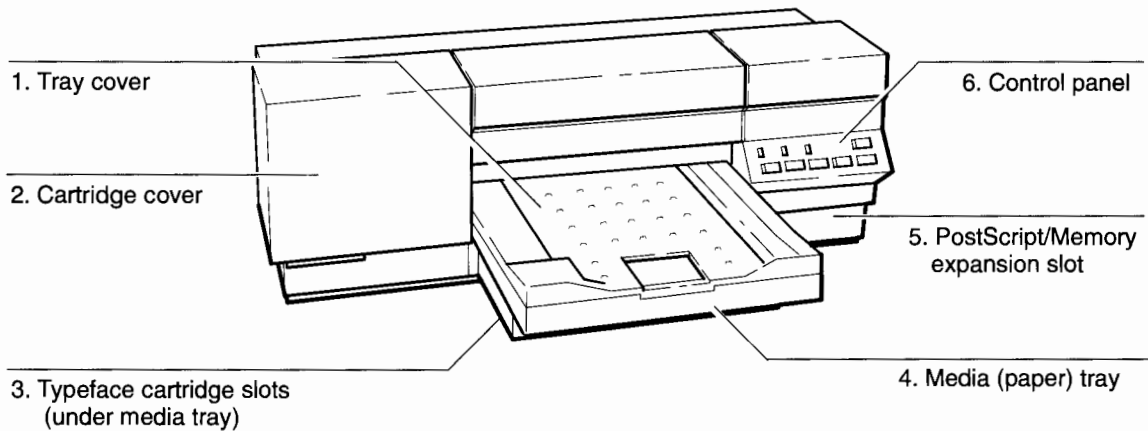
Help card



Identify your printer's features

This section will familiarize you with the printer's front area, cartridge carriage area, control panel area, and rear printer area.

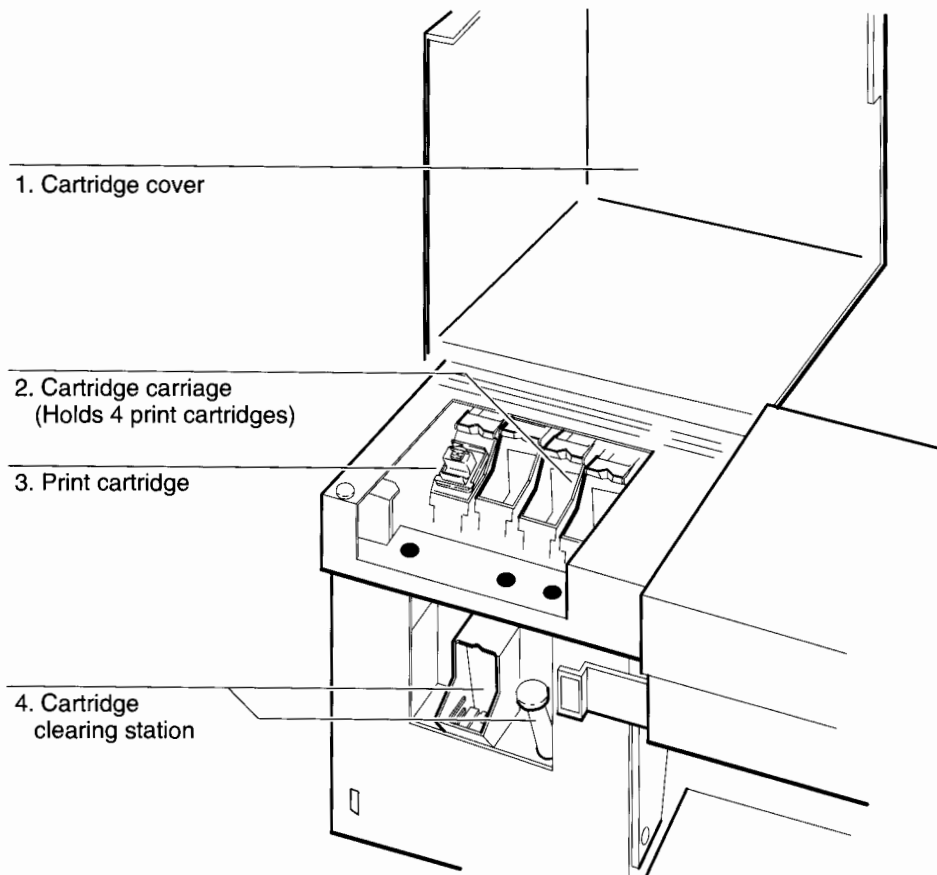
Front area



- 1 Tray cover** — Positions single sheets of media for manual loading.
- 2 Cartridge cover** — Protects ink cartridges, cartridge carriage, and cartridge clearing station.
- 3 Typeface cartridge slots (2)** — Allow optional typeface cartridges to be used with printer. (Remove the media tray to access the slots.)
- 4 Media (paper) tray** — Holds media for automatic loading and unattended printing.
- 5 PostScript/Memory expansion slot** — Accepts optional PostScript or optional memory card to be used with the printer.
- 6 Control panel** — Contains buttons for using various printer features and lights to indicate the function being performed, mode, or problem that may occur.



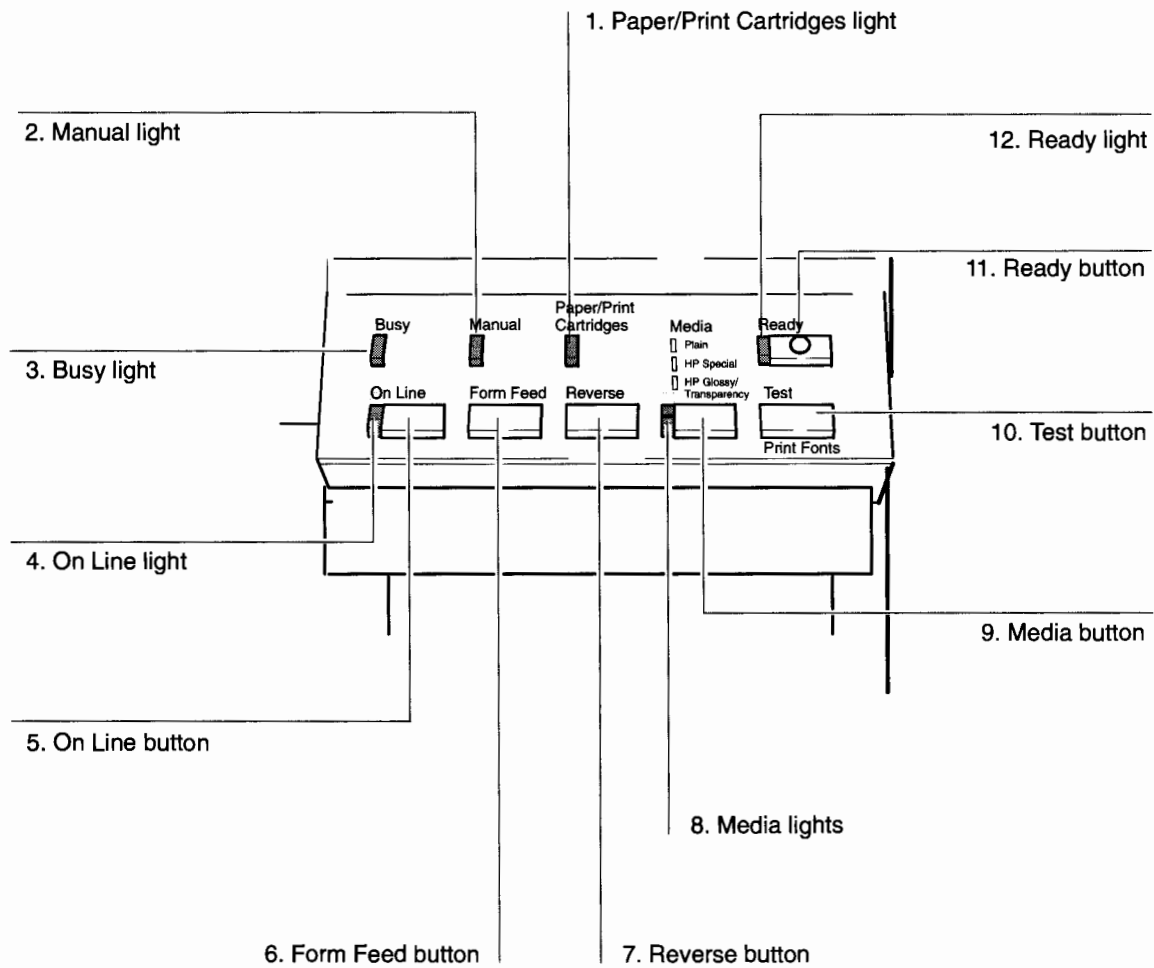
Print cartridge carriage area



- 1 **Cartridge cover** — Protects the cartridge area from dust and moisture.
- 2 **Cartridge carriage** — Holds the print cartridges and moves them to print.
- 3 **Print cartridge** — Contains ink for printing. Printer uses four single-color print cartridges: black, yellow, magenta, and cyan.
- 4 **Cartridge clearing station** — Clears dust and particles from the print cartridge nozzles.



Control panel area



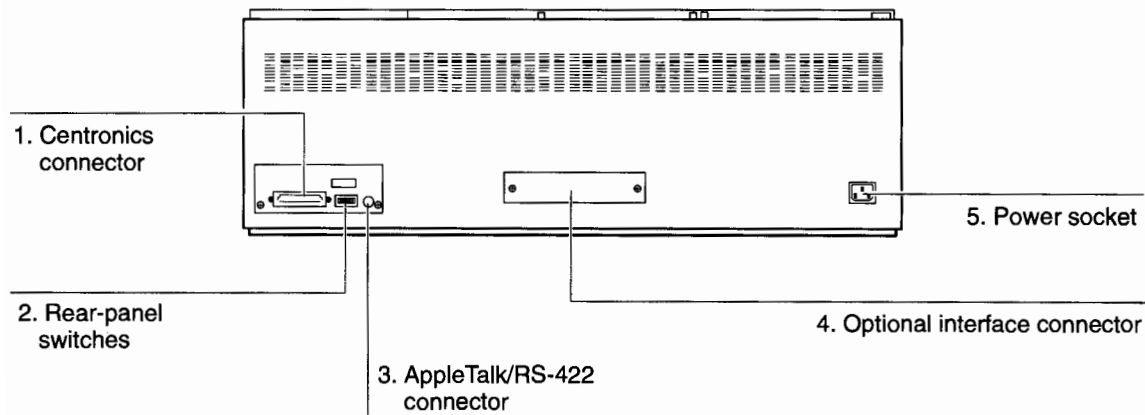
- 1 **Paper/Print Cartridge light** — Indicates a paper or print cartridge problem. The amber light comes on when:
 - The printer is out of paper.
 - The printer has a paper jam. (Remove the media tray and use the **Reverse** button to clear the problem. The **Reverse** button will not work unless the media tray is removed.)
 - The media tray is removed from the printer.
 - At least one print cartridge is not installed or has a bad connection with the printer.
 - One or more print cartridges has failed during print nozzle ink-flow testing.
- 2 **Manual light** — Indicates that the printer is ready for you to manually feed a sheet of media in a manual-feed job.
- 3 **Busy light** — Indicates that the printer is handling information.
- 4 **On Line light** — Shows that the printer is on line.
- 5 **On Line button** — Sets the printer on line to accept computer data; or off line to perform control-panel functions. In most cases after you have corrected a problem, the printer will come back on-line automatically and you won't need to push the **On Line** button. However, two occasions when you *will* need to press the **On Line** button are:
 - If a paper jam occurs.
 - If the paper tray is removed while the printer is trying to load paper.
- 6 **Form Feed button** — Advances the media.
- 7 **Reverse button** — Reverses the media to clear jams when media tray is removed.



- 8 Media lights** — Indicates the type of media the printer is ready to print on.
- Off Plain paper
 - Green Special paper (CX JetSeries)
 - Orange Glossy paper and Transparency film (LX JetSeries)
- 9 Media button** — Sets the printer for desired type of media.
- 10 Test button** — Prints the following:
- Self test when pressed and immediately released.
 - Typeface listing when held down for two seconds and released.
- 11 Ready button** — Resets the printer. When the Ready light is off, press the **Ready** button once to initialize the printer and put it into a “ready-to-print” state. When the Ready light is on, you can press the **Ready** button twice to clear the printer’s memory and perform a hardware reset.
- 12 Ready light** — After initialization, shows that the printer is ready to print.



Rear printer area

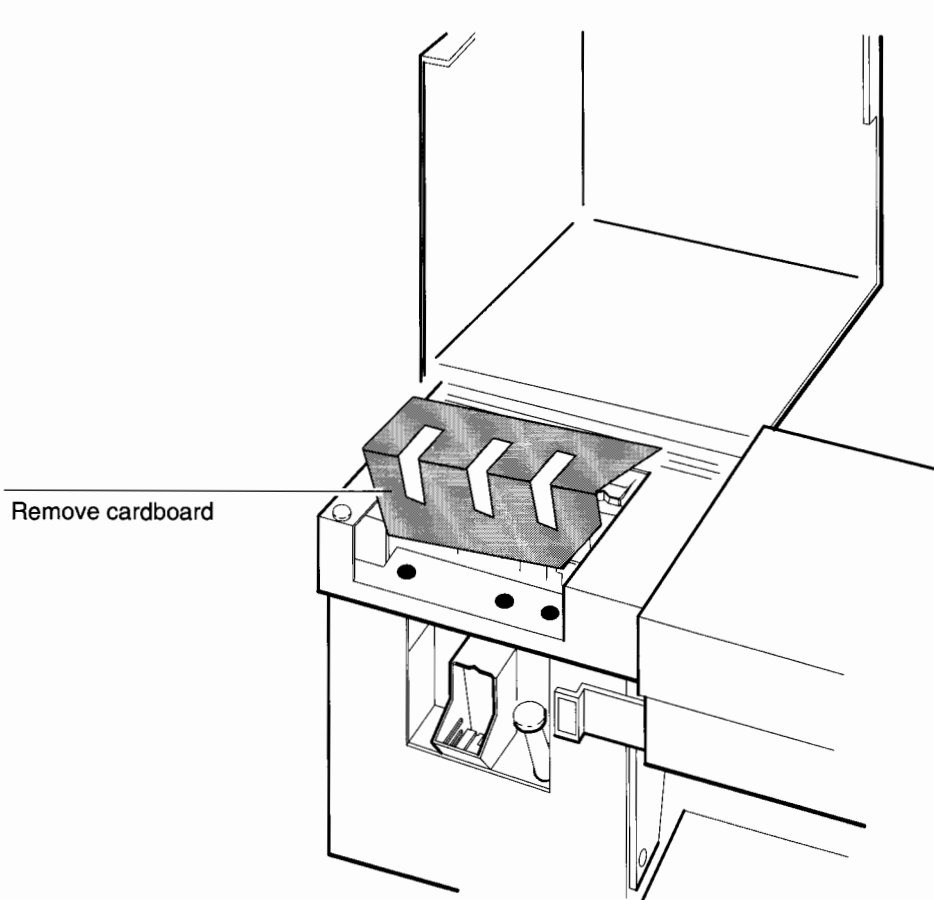


- 1 **Centronics connector** — Accepts the parallel Centronics interface cable connecting the printer to a computer or network.
- 2 **Rear-panel switches** — Used to choose between AppleTalk and RS-422, change baud rate, select handshake, select printer language, choose symbol set, choose fixed width character size, and select media type (English or metric).
- 3 **AppleTalk/RS-422 connector** — Accepts the AppleTalk cable connecting the printer to a Macintosh computer or the RS-422 cable to serially connect to a workstation or PC.
- 4 **Optional interface connector** — Allows the printer to work with optional interfaces.
- 5 **Power socket** — Accepts plug from power cord.



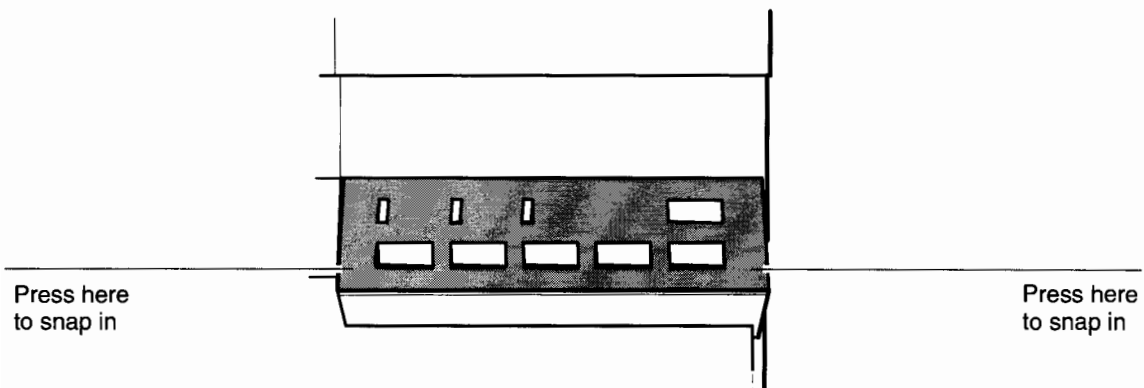
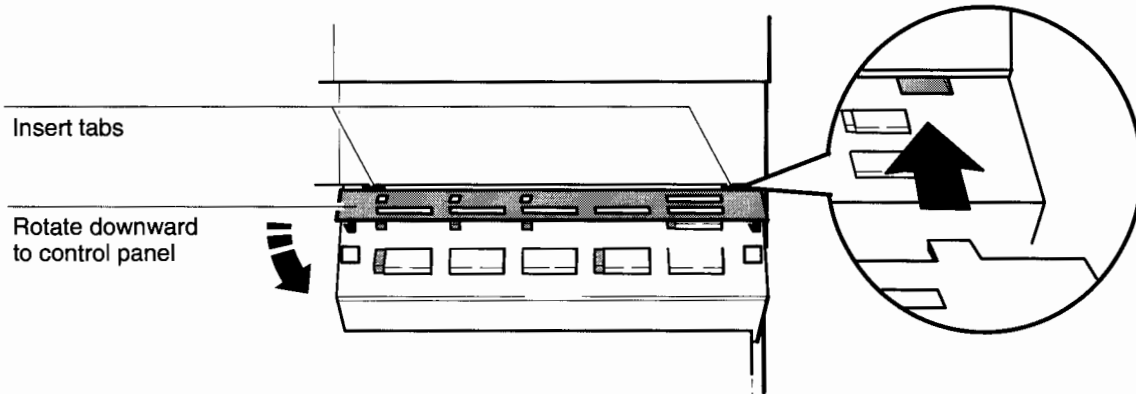
Remove the shipping cardboard

- 1 Raise the cartridge cover.
 - 2 Remove the shipping cardboard.
 - 3 Push the cartridge carriage firmly to the left as far as it will go. Later, this will make it easy to load ink cartridges.
-



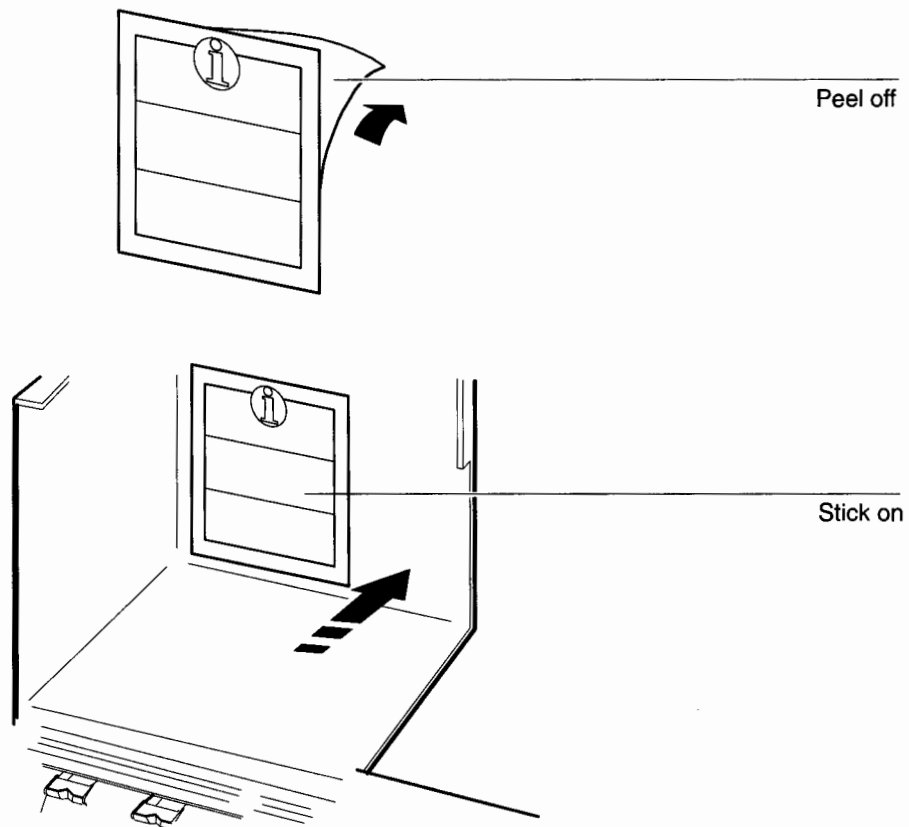
Attach the control-panel overlay

- 1 Place the control-panel overlay so that the tabs are aligned with the slots on the control panel.
 - 2 Insert the tabs into the slots and rotate the overlay downward.
 - 3 Press the overlay onto the control panel until it firmly snaps into place.
-



Attach the help card

- 1 Open the cartridge cover.
 - 2 Peel the adhesive covering from the back of the help card.
 - 3 Place the help card on the inside of the top of the cartridge cover as shown in the illustration below.
 - 4 Press the help card firmly so that it adheres to the cover.
-



A word about media

One of the most important things you can do to ensure superior performance from your HP PaintJet XL300 printer is to select the best possible types of paper or transparencies for your printing needs. Your HP PaintJet XL300 printer is designed to work well with most paper types, although variations in paper composition may significantly affect print quality and paper handling. Paper recommendations are provided in chapter 2 of your User's Guide.

The HP PaintJet XL300 Sampler Pack was shipped with your printer. It contains recommended HP special paper, glossy paper, and transparency film. Try these media samples with some of your software files to see the superior print quality available from recommended media types.

Media Sizes

A/US Letter	8.5 by 11 in
B/US Tabloid	11 by 17 in
US Legal	8.5 by 14 in
A4/European Letter	210 by 297 mm
A3/European Tabloid	297 by 420 mm
B4/Japanese Standard	257 by 364 mm



Load a stack of media (automatic loading)

- Load all media types the same way.
- Be sure to use only one media type in the printer's media tray at a time for best printing results.
- Always load media print side down. Printing on the correct side will make a significant difference in print quality with most media types.

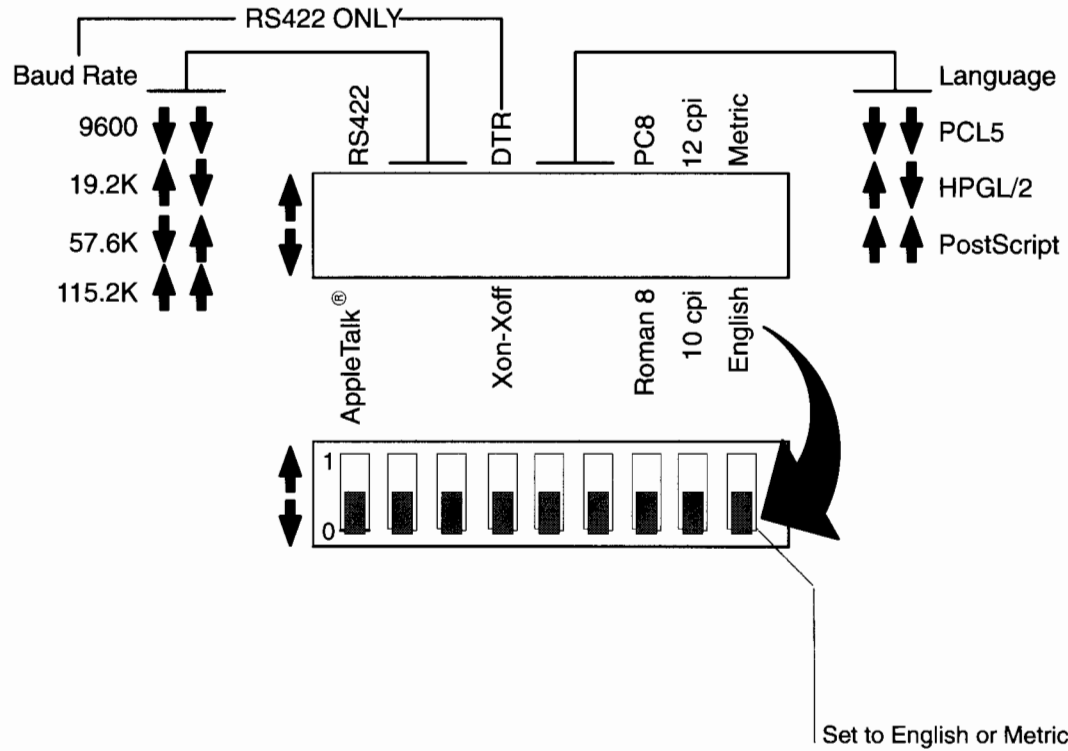
Refer to chapter 2 of your User's Guide for more information on loading different media types, sizes, and determining the print side of your media.

To manually load a single sheet of media, follow the steps under "Load a sheet of paper or transparency film (manual loading)" later in this manual.

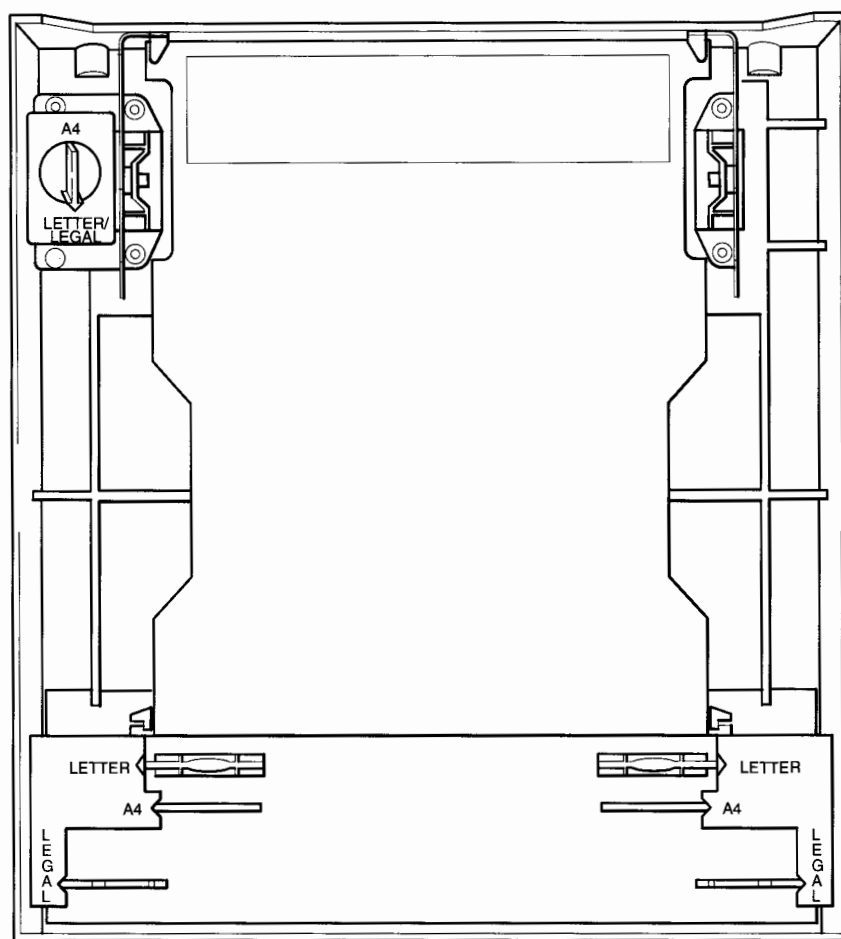


To load media into the media tray for automatic loading, follow these steps:

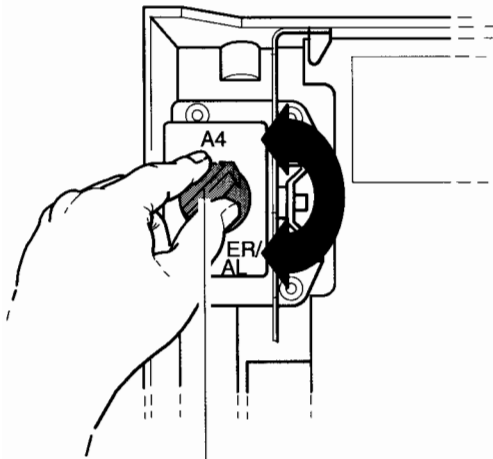
- 1 Using a pen or pencil, set the rear-panel English/Metric switch for the media size you are using (English for A-size media — Metric for A4-size media). The illustration below shows the switch set to English (down position).



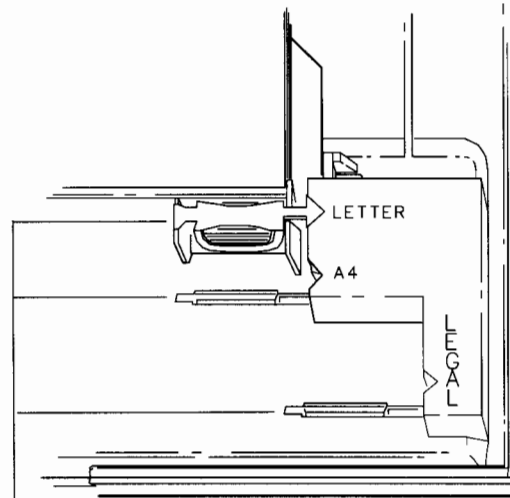
- 2 Remove the media tray from the printer if it has already been installed.
- 3 Remove the tray cover from the media tray and set it aside. The media tray that comes with the printer will hold A/US Letter, US Legal, and A4/European Letter media sizes.



- 4 Check that the green dial and paper stops in the media tray are positioned for the size of media you are using.
 - a. Select Letter/Legal for 8.5 in media width.
Select A4 for European 210 mm media width.
 - b. Move the media stops to set the length of the media you are using.



Turn the green dial to set the media tray for the width of media (Letter/Legal or A4) that you are using

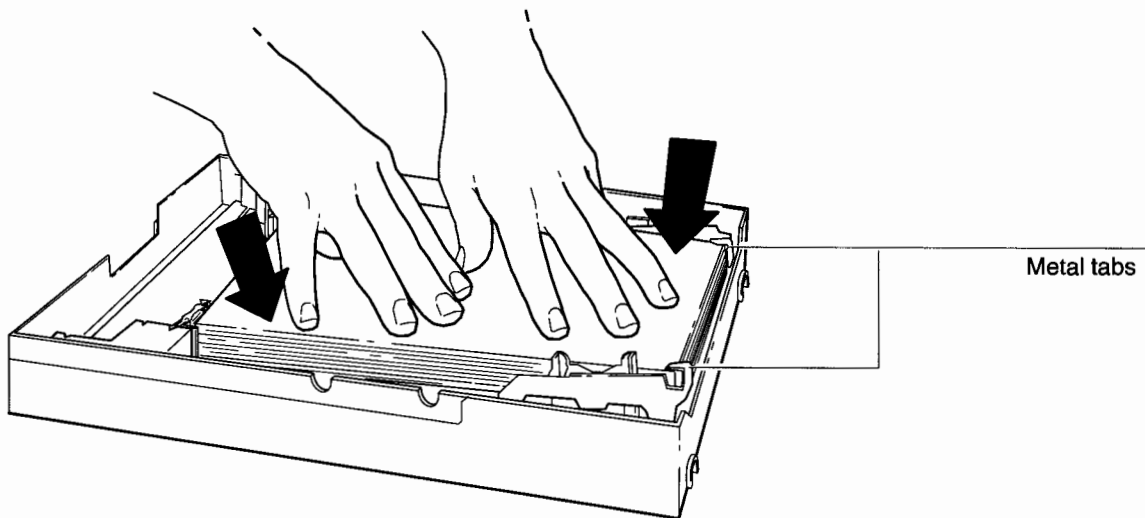


Move both green paper stops to the length of paper you are using

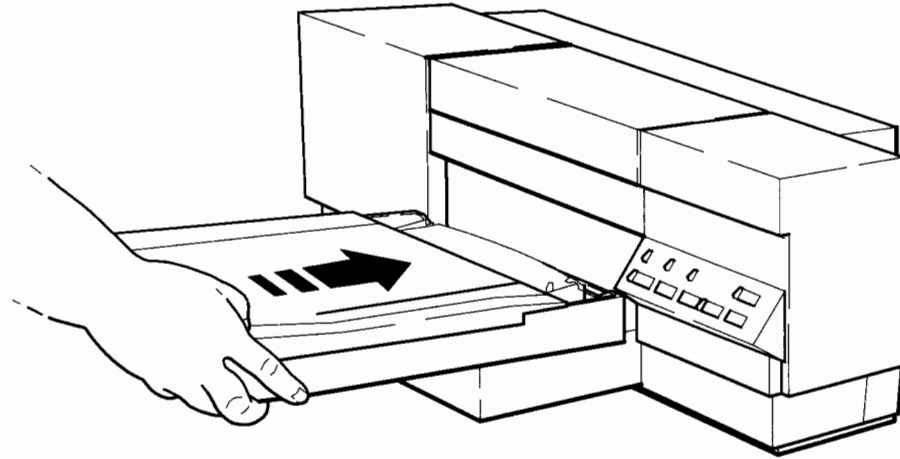


- 5 Place a stack of media in the tray (maximum 200 sheets of paper or 100 sheets of overhead transparency film), loading it against the paper stops. Load media with the side you want to print on facing down.
 - **CX JetSeries CutSheet Paper** — Place arrow (non-coated) side up.
 - **LX JetSeries Glossy Paper** — Place non-glossy side up.
 - **LX JetSeries Transparency film** — Place the side with the paper-strip up and put the paper-strip end under the metal tabs. (Only use transparency film designed for use in the HP PaintJet XL300 printer.)
- 6 Press the stack straight down under the metal tabs.

The corners of the media must be completely under the metal tabs, as shown in the illustration below.



- 7 Replace the tray cover and slide the media tray into the printer.



Install the print cartridges

If you're using this procedure to set up your printer, you should not have the power cord plugged into the printer. If the printer is plugged in, ignore step 4.

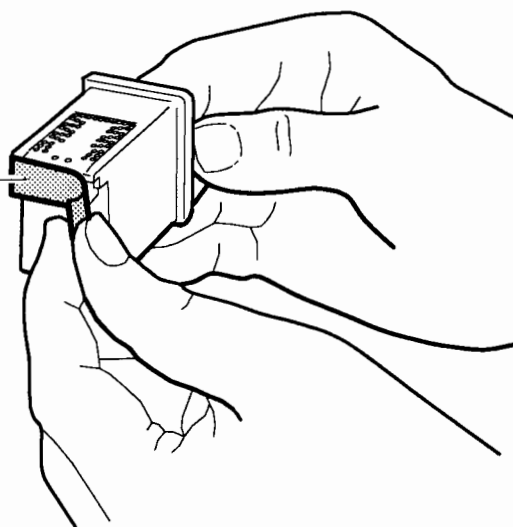
CAUTION

Hold the cartridge by the green or black areas only. Do not let the copper area come in contact with any surface.

Keep the print cartridge foil container sealed until ready to use.

- 1 Remove the print cartridge from the sealed container.
- 2 Gently remove and discard the tape from the print cartridge nozzle.

Remove tape
and discard

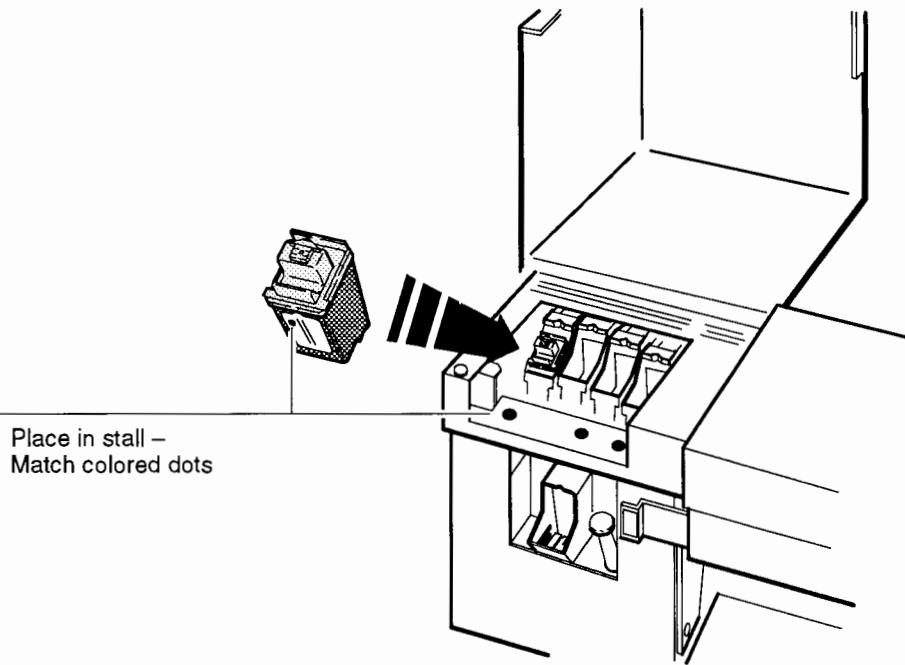


- 3 Raise the cartridge cover on the left side of the printer.

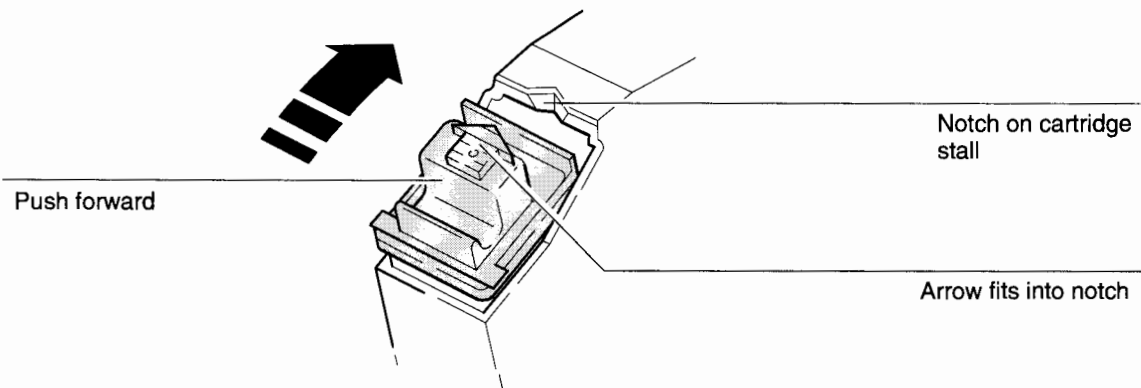
CAUTION

Use step 4 of this procedure *only when the printer is unplugged*. If you push the cartridge carriage while the printer is plugged in, you may damage the printer.

- 4 Push the cartridge carriage *firmly* to the left as far as it will go.
- 5 The print cartridge carriage contains 4 cartridge stalls. Match the colored dot on each cartridge to the corresponding dot on the cartridge carriage area and place the print cartridge into the stall (green arrow of cartridge towards the printer).



- 6 As shown in the illustration below, push the print cartridge away from you to snap it into place. The arrow will fit into the notch on the cartridge stall.
- 7 After snapping all four print cartridges into place, close the cartridge cover.



Set up the printer for your environment

If you are using a PC and connecting to Centronics:	Page 27.
If you are using a PC and connecting serially (RS-422):	Page 32.
If you are using Windows:	Page 38.
If you are using a Macintosh:	Page 40.
If you are using PostScript on a Macintosh or with Windows:	Page 55.



If you're using a PC and connecting to Centronics

Centronics is a type of *parallel* interface. This interface is the most widely used interface on personal computers because, unlike the serial interface, it usually does not require setup commands or special configurations on either the computer or printer and is faster when printing graphics. Centronics cabling is limited to 10 feet.

Setting up the Centronics interface is the easiest of the interfaces. Follow the procedures (listed below) in the sections that follow this page.

- Connect the interface cable (HP part number C2912A or cable purchased).
- Connect the power cord.
- Print a self test to verify the printer is working properly.
- Verify communication between the printer and computer.

For Centronics pin allocations, cable schematics, and additional technical information, refer to the "Technical information" chapter of the HP PaintJet XL300 User's Guide.



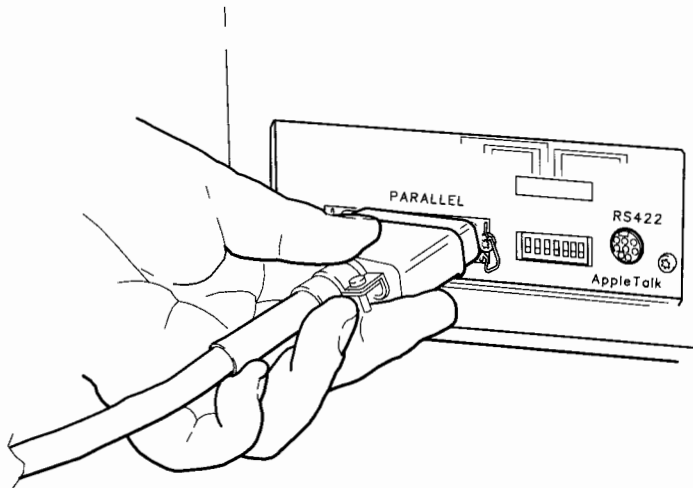
Connect the interface cable

CAUTION

Many computer systems will have both Centronics and RS-422 ports. These ports frequently appear identical. Make sure you plug your cable into the Centronics port (it should be labeled), or damage could occur to your printer. If you are not sure, contact the dealer or person you purchased your computer from.

- 1 Turn the computer off.
- 2 Connect the end of the Centronics cable with the screws contained in it to the computer's Centronics port and tighten the screws.
- 3 Connect the other end of the cable to the printer's Centronics port.
- 4 Latch the clips into place.

In some cases, you may need to install a Centronics (parallel) interface card in the computer. Also, your computer may have multiple Centronics ports and you will need to know which one to connect to. In either case, your computer documentation should provide details or call your computer dealer.



Connect the power cord

The printer comes with the power cord for the country to which it is shipped. If the plug on your power cord doesn't look familiar, contact your dealer or local HP Sales and Support Office.

WARNING

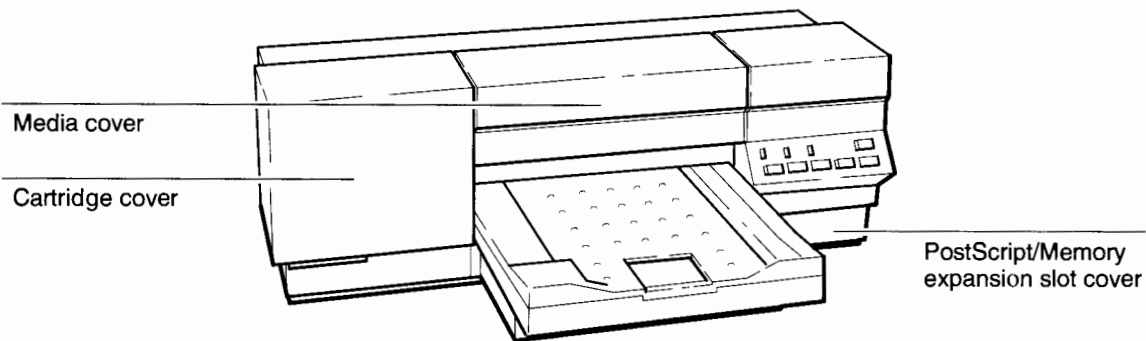
In case of emergencies, be sure that the plug in the outlet is readily accessible to all persons.

Be sure that no one has their hands or hair inside the printer when you plug in the power cord. Once the power cord is connected from the printer to the outlet, the printer will automatically initialize.

For safe use of the printer, please read the safety information on the inside cover of the HP PaintJet XL300 User's Guide before proceeding.

CAUTION

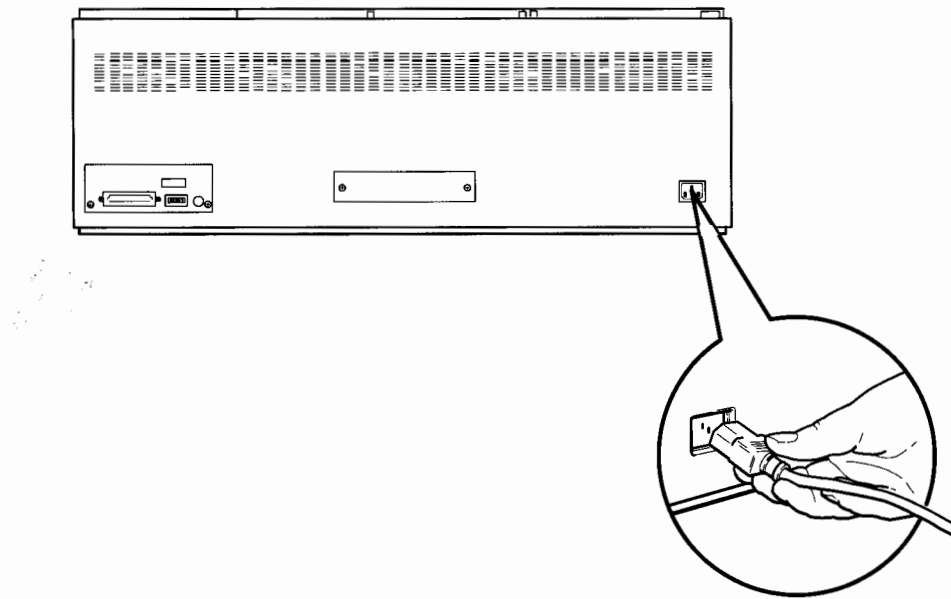
Do not operate the printer with the PostScript/Memory expansion slot cover off.



Important

The printer will automatically initialize once the power cord is plugged in. The media tray must be installed and the carriage cover must be closed when you plug in the power cord and remain closed during the entire time the printer is initializing. If you open the carriage cover during the time the printer is initializing, the printer will not initialize properly. To correct the problem, close the carriage cover, then unplug the printer and plug it back in.

- 1 Insert the connector on the power cord into the power socket on the back of the printer.



WARNING

Be sure to use the power cord with a properly grounded outlet to avoid electric shock.

Electricity exists in the printer even if the Ready light is off. To completely shut off power, you must disconnect the power cord.

- 2 Insert the plug on the power cord into a properly grounded outlet.

The printer will initialize. This takes about 4 to 5 minutes from a cold start, during which the control-panel Ready light will come on, the Busy light will flash, and the cartridge carriage will move back and forth. Initializing is a process the printer goes through to become ready to accept data. The printer allows time for internal rollers to warm up. The printer also clears left-over media in the print area, checks its print limits on each side, and checks the print cartridge alignment during this process.

At the end of initialization, the Busy light will be off; and the Ready light and On Line light will remain lit indicating the printer is ready to use.

- 3 Print a self test to ensure the printer is working properly. Refer to the self-test procedure on page 56 of this guide.



Verify communication

- 1 Turn the computer on.
- 2 On the computer, at the DOS prompt, type the following two commands:

```
Mode LPT1:.,P
dir>LPT1
```

and then press **ENTER** on the keyboard.

On the printer:

- 3 Press the **On Line** button.
- 4 Press the **Form Feed** button.
- 5 Press the **On Line** button.
- 6 Insert the appropriate mode commands into your AUTOEXEC.bat file. If necessary, refer to your DOS reference manual.

The current directory will print on the PaintJet XL300.



If you're using a PC and connecting serially (RS-422)

The following procedure lets you connect your HP PaintJet XL300 printer to a PC with an RS-422 serial interface port. If your PC has only an RS-232-C serial interface port, an "RS-232-C to RS-422" interface converter must be used between your PC and printer. Several "RS-232-C to RS-422" interface converters are available on the market. Contact your dealer for interface converters.

Set the rear-panel switches

Using a pen or pencil:

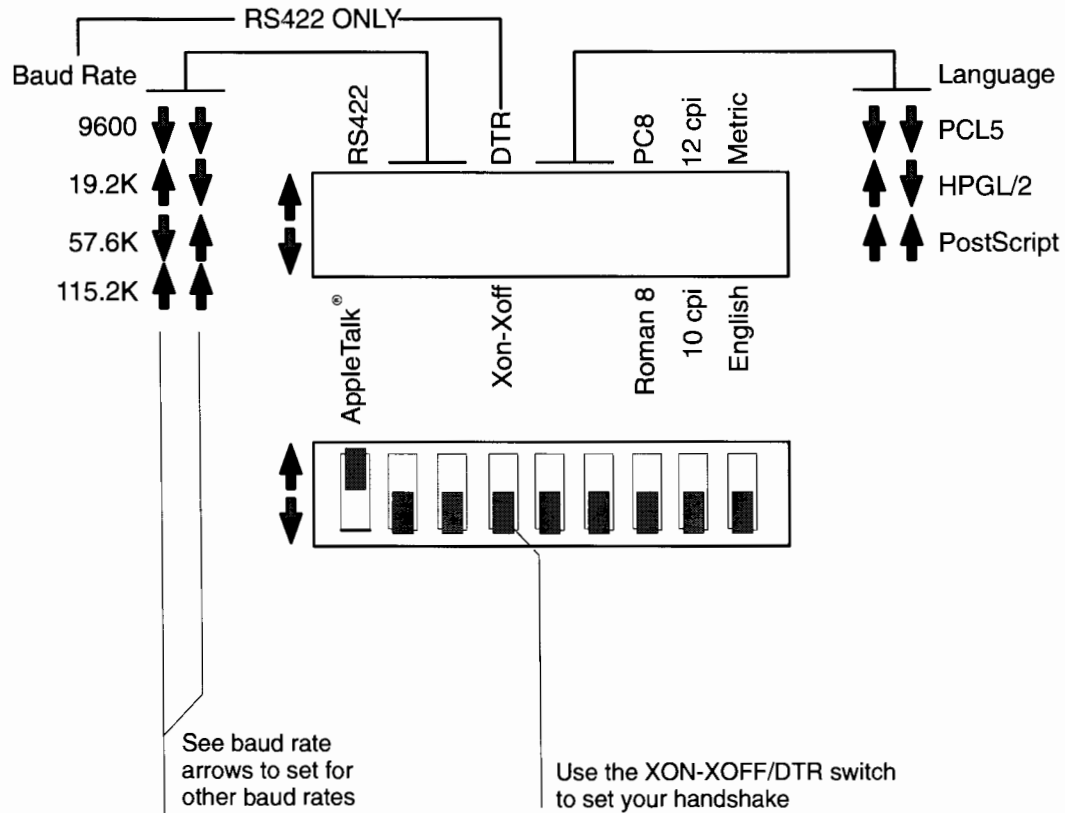
- 1** Push the AppleTalk/RS-422 switch on the rear panel to the RS-422 position.
- 2** Push the baud rate switches to the desired position.

The combined settings of the two baud rate switches set the baud rate. The printer sends one stop bit for all of these baud rates.

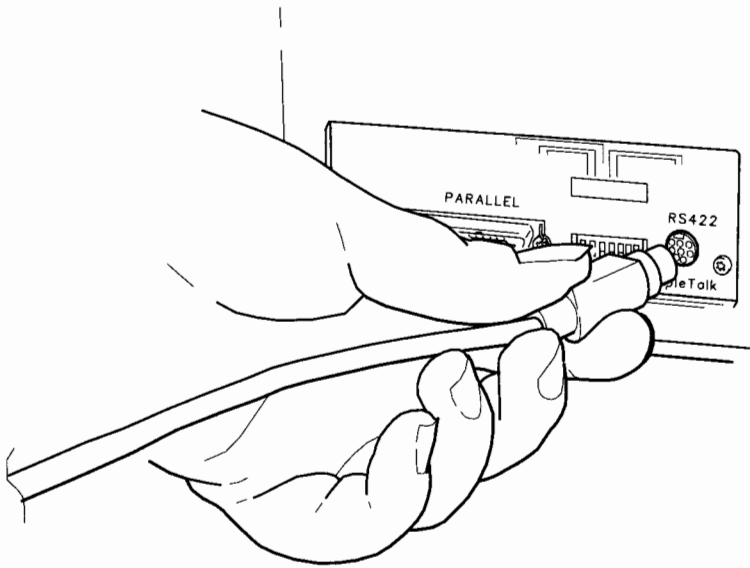


- 3 Push the XON-XOFF/DTR switch to the desired position as determined by the requirement of the software you are using.

The illustration below shows the rear-panel switches set to RS-422, 9600 baud, and XON-XOFF handshake.



- 4 Plug one end of the RS-422 cable firmly into the interface port on the back of the printer.
 - 5 Be sure that your computer is turned off, then connect the other end of the cable from the printer to the RS-422 interface port on the back of the PC.
-



Connect the power cord

The printer comes with the power cord for the country to which it is shipped. If the plug on your power cord doesn't look familiar, contact your dealer or local HP Sales and Support Office.

WARNING

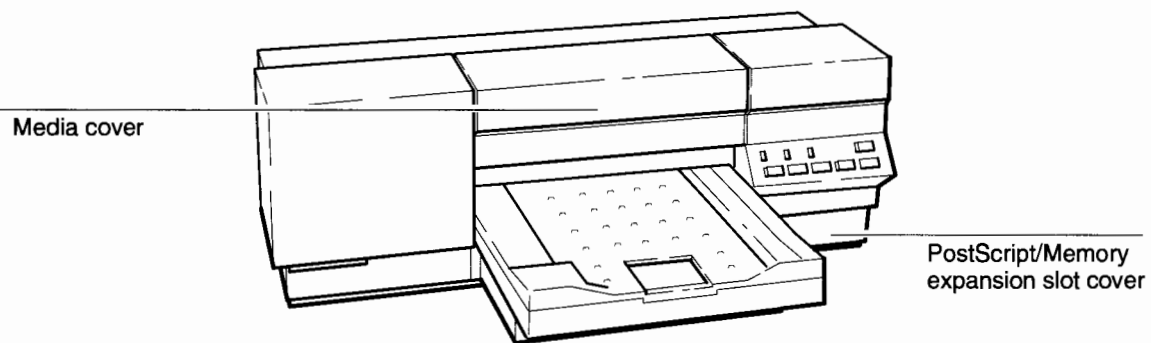
In case of emergencies, be sure that the plug in the outlet is readily accessible to all persons.

Be sure that no one has their hands or hair inside the printer when you plug in the power cord. Once the power cord is connected from the printer to the outlet, the printer will automatically initialize.

For safe use of the printer, please read the safety information on the inside cover of the HP PaintJet XL300 User's Guide before proceeding.

CAUTION

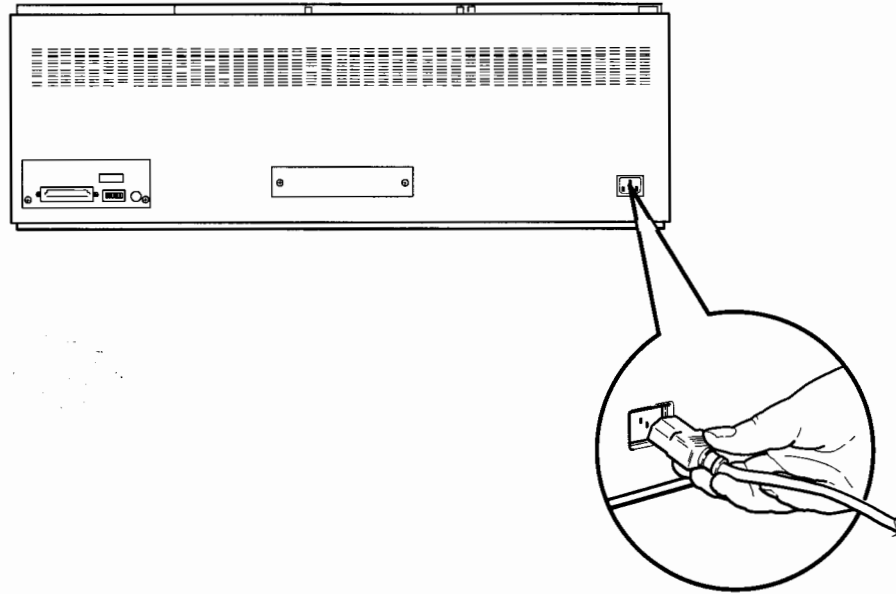
Do not operate the printer with the PostScript/Memory expansion slot cover off.



Important

The printer will automatically initialize once the power cord is plugged in. The media tray must be installed and the carriage cover must be closed when you plug in the power cord and remain closed during the entire time the printer is initializing. If you open the carriage cover during the time the printer is initializing, the printer will not initialize properly. To correct the problem, close the carriage cover, then unplug the printer and plug it back in.

- 1 Insert the connector on the power cord into the power socket on the back of the printer.



WARNING

Be sure to use the power cord with a properly grounded outlet to avoid electric shock.

Electricity exists in the printer even if the Ready light is off. To completely shut off power, you must disconnect the power cord.

- 2 Insert the plug on the power cord into a properly grounded outlet.

The printer will initialize. This takes about 4 to 5 minutes from a cold start, during which the control-panel Ready light will come on, the Busy light will flash, and the cartridge carriage will move back and forth. Initializing is a process the printer goes through to become ready to accept data. The printer allows time for internal rollers to warm up. The printer also clears left-over media in the print area, checks its print limits on each side, and checks the print cartridge alignment during this process.

At the end of initialization, the Busy light will be off; and the Ready light and On Line light will remain lit indicating the printer is ready to use.

- 3 Print a self test to ensure the printer is working properly. Refer to the self-test procedure on page 56 of this guide.
- 4 Insert the appropriate Mode commands into your AUTOEXEC.bat file. If necessary refer to your DOS reference manual.

MODE COM1: 9600,N,8,1,P

MODE LPT1: =COM1



The two commands above assumes you are using serial port #1. The first command sets the serial port to 9600 baud, no parity, 8 data bits, 1 stop bit, and continuous retry on all timeouts. The second command directs the primary printer communication to the first serial port.

- 5 Check communication by printing a small file.



If you're using Microsoft® Windows

Follow the instructions below to install the Windows driver. Using this "Install" program ensures that the proper settings are made for optimum performance of your HP PaintJet XL300. Although there are other ways to install Windows drivers, they won't work for this driver installation.

- 1 Insert the HP PaintJet XL300 Printer Driver for Microsoft Windows 3.0/3.1 Installation Disk that came with your printer into floppy disk drive (a:) of your computer.
- 2 In Windows, go to the Program Manager.
- 3 Select RUN from the File menu.
- 4 Type **a:\install** on the run command line.
- 5 Click the **OK** button or press ENTER on the keyboard.
- 6 Follow the displayed instructions for performing the screen calibration. For more information, refer to the following section, "Screen Calibration."
- 7 Print a sample file to test the connection.

If the sample file (or any file) is too large for the printer's memory, the printer will print an incomplete file, and a message at the bottom of the page will indicate that there was insufficient memory. If your file takes up more memory than your printer contains, additional memory can be added to the printer. Refer to the "Ordering information" section of the HP PaintJet XL300 User's Guide to order additional SIMM memory.



Screen calibration

This Windows driver includes a screen calibration during installation. Screen calibration provides the printer driver with information about your monitor and the surrounding lighting. This information is used to improve color matching: after screen calibration, printed colors will more closely match the colors you see on your screen.

Once the Windows driver is installed, you can also calibrate your screen from the Colors dialog box that's accessed through the Printer Setup dialog box. For best color-matching results, you should calibrate your screen in the following situations:

- When you install the Windows driver,
- When you get a new monitor or video card, and
- When you move your computer or change the lighting around its location.



If you're using a Macintosh

The HP PaintJet XL300 printer can be configured to provide AppleTalk connectivity by setting the rear-panel AppleTalk/RS-422 switch to AppleTalk.

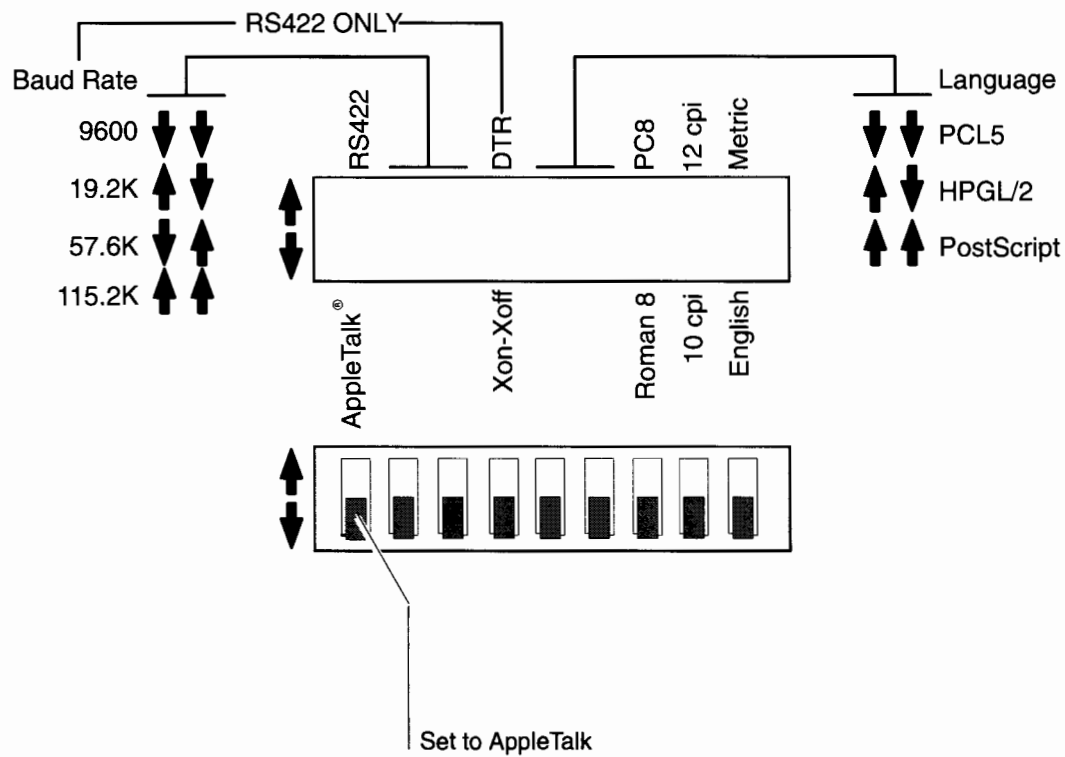
The following instructions apply to both setting up a simple network (connecting an HP PaintJet XL300 printer to a Macintosh computer via LocalTalk cables and connector boxes) and altering an existing network (attaching your printer to your computer with LocalTalk connectors). For a detailed discussion of setting up more complex networks, refer to your *LocalTalk Cable System Owner's Guide*.



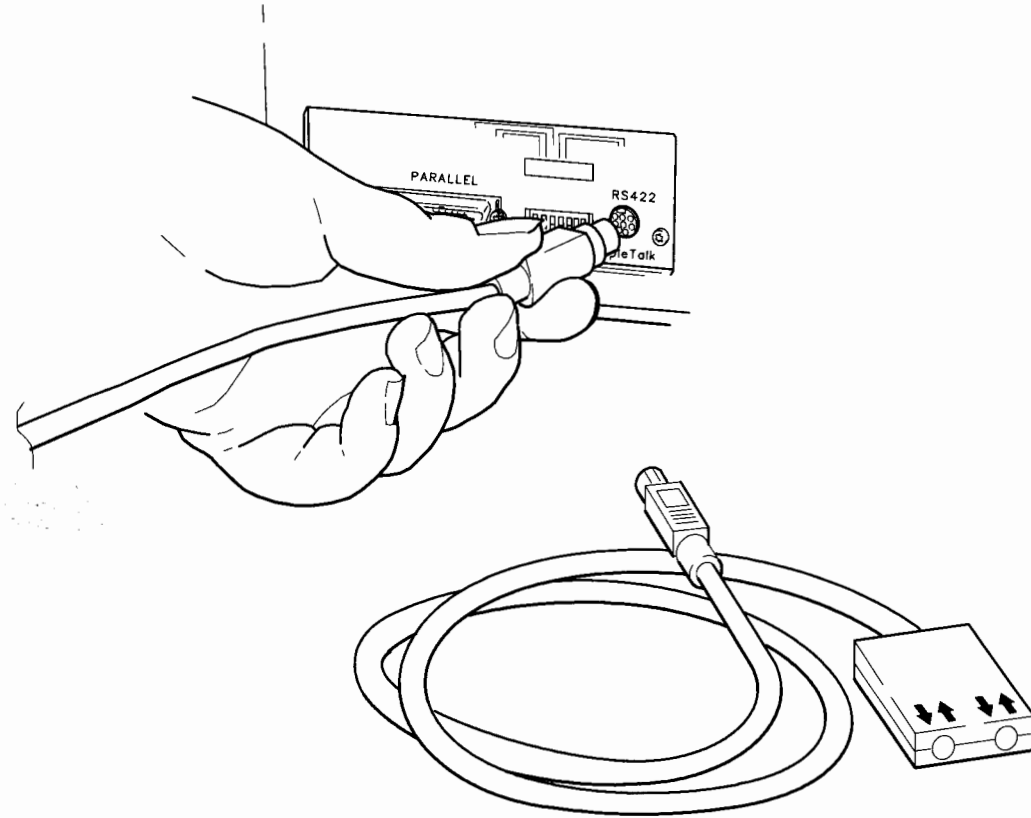
Connect directly to your Macintosh computer or an AppleTalk network

- 1 Shut down your Macintosh and unplug the printer (if already plugged in).
- 2 Set the printer's rear-panel switch to AppleTalk.

The illustration below shows the switch set to AppleTalk.



- 3 Plug a LocalTalk connector box firmly into the interface port on the back of the printer.



- 4 If you don't have a network, plug a second LocalTalk connector box into the printer port on the back of the Macintosh.
- 5 Connect the LocalTalk connector box on the cable from the printer to the connector box on your Macintosh or into your AppleTalk network.



Connect the power cord

The printer comes with the power cord for the country to which it is shipped. If the plug on your power cord doesn't look familiar, contact your dealer or local HP Sales and Support Office.

WARNING

In case of emergencies, be sure that the plug in the outlet is readily accessible to all persons.

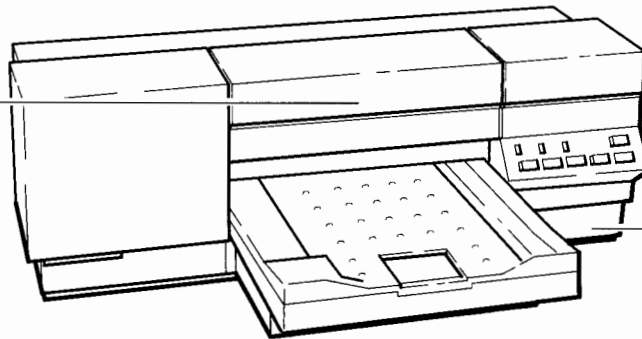
Be sure that no one has their hands or hair inside the printer when you plug in the power cord. Once the power cord is connected from the printer to the outlet, the printer will automatically initialize.

For safe use of the printer, please read the safety information on the inside cover of the HP PaintJet XL300 User's Guide before proceeding.

CAUTION

Do not operate the printer with the PostScript/Memory expansion slot cover off.

Media cover



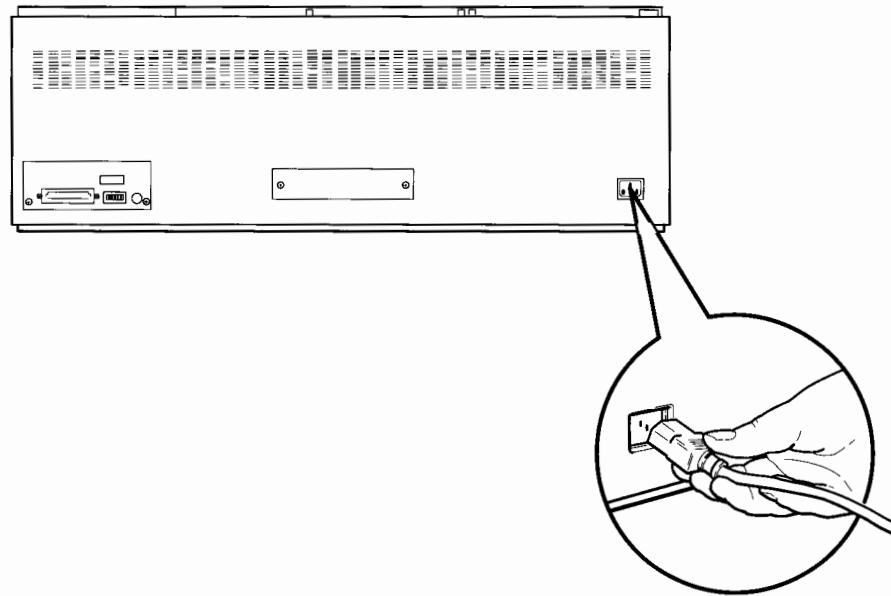
PostScript/Memory
expansion slot cover



Important

The printer will automatically initialize once the power cord is plugged in. The media tray must be installed and the carriage cover must be closed when you plug in the power cord and remain closed during the entire time the printer is initializing. If you open the carriage cover during the time the printer is initializing, the printer will not initialize properly. To correct the problem, close the carriage cover, then unplug the printer and plug it back in.

- 1 Insert the connector on the power cord into the power socket on the back of the printer.



WARNING

Be sure to use the power cord with a properly grounded outlet to avoid electric shock.

Electricity exists in the printer even if the Ready light is off. To completely shut off power, you must disconnect the power cord.

- 2 Insert the plug on the power cord into a properly grounded outlet.

The printer will initialize. This takes about 4 to 5 minutes from a cold start, during which the control-panel Ready light will come on, the Busy light will flash, and the cartridge carriage will move back and forth. Initializing is a process the printer goes through to become ready to accept data. The printer allows time for internal rollers to warm up. The printer also clears left-over media in the print area, checks its print limits on each side, and checks the print cartridge alignment during this process.

At the end of initialization, the Busy light will be off; and the Ready light and On Line light will remain lit indicating the printer is ready to use.

- 3 Print a self test to ensure the printer is working properly. Refer to the self-test procedure on page 56 of this guide.



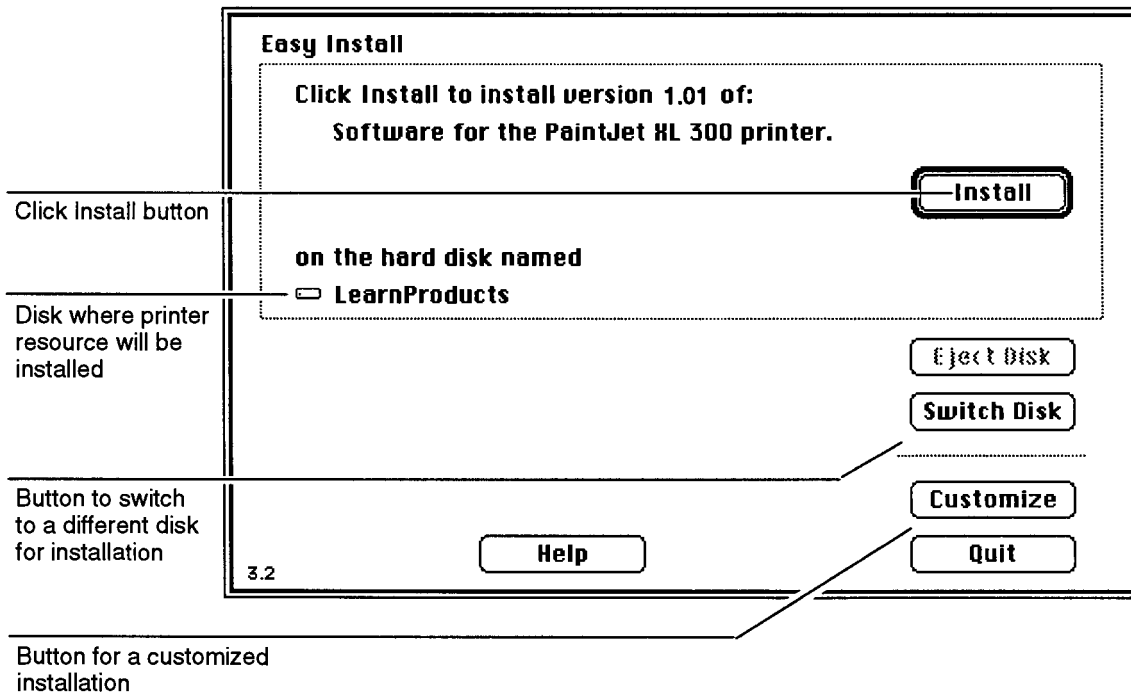
Install the driver

Easy Install loads drivers for the HP PaintJet XL300 printer, color matching software, and background printing. If you use more than one hard disk as a startup disk, repeat the process for each hard disk you use.

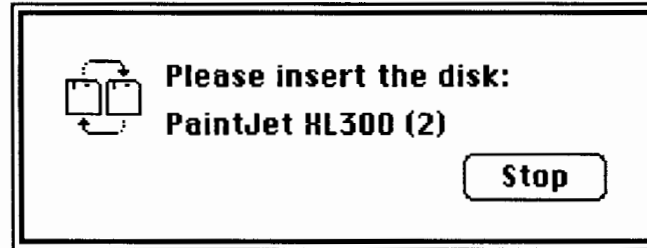
- 1 Start your Macintosh computer.
- 2 Make backup copies of the Printer Software Disks for the Macintosh® PaintJet XL300 Disk 1 and Disk 2. Store the originals and use the copies for the installation process.
- 3 Insert Disk 1 into your Macintosh disk drive.
- 4 Double-click the Installer icon.



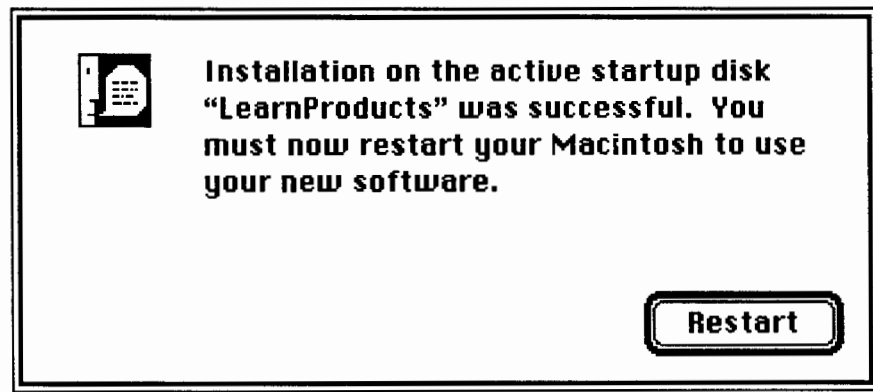
- 5 Make sure the disk that displays in the dialog box is the one you want to install on.
- 6 Click the Install button.



- 7 When the disk is ejected and a message to insert another disk is displayed, insert the specified disk.
-



- 8 When a message displays that installation was successful, click Restart.
-



If the message displays that the installation was unsuccessful, refer to chapter 7, "Troubleshooting", in your User's Guide.



(For those who connected their HP PaintJet XL300 to an AppleTalk network.)

9 Name your network printer.

If you have more than one HP PaintJet XL300 on your AppleTalk network, you may want to give each one a unique name. These names identify the printers in the Chooser, enabling you to select your AppleTalk network printer for use.

- Make sure the printer is connected to the network and plugged in with the Ready light on.
- Open the HP Namer utility on Disk 1 by double-clicking its icon.

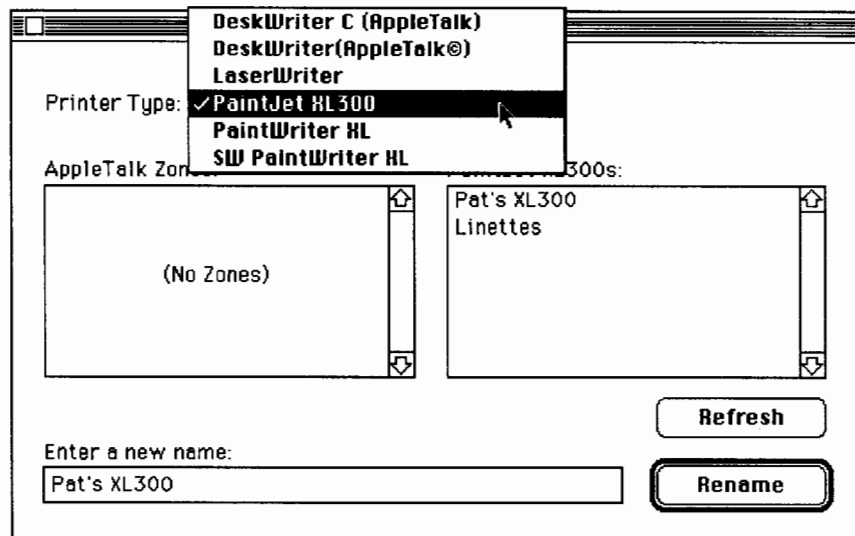


The HP Namer



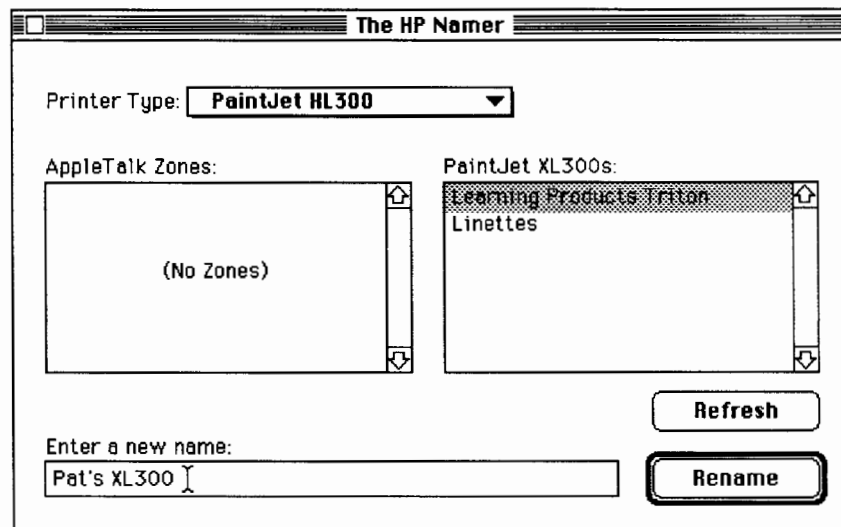
(For those who connected their HP PaintJet XL300 to an AppleTalk network.)

- Select PaintJet XL300 from the Printer Type pull down menu.



(For those who connected their HP PaintJet XL300 to an AppleTalk network.)

- Select the HP PaintJet XL300 name from the window on the right.
- Type in the new name and click the Rename button. The new name now appears in the window.



- Quit the Namer utility by clicking the Quit box in the upper left corner.

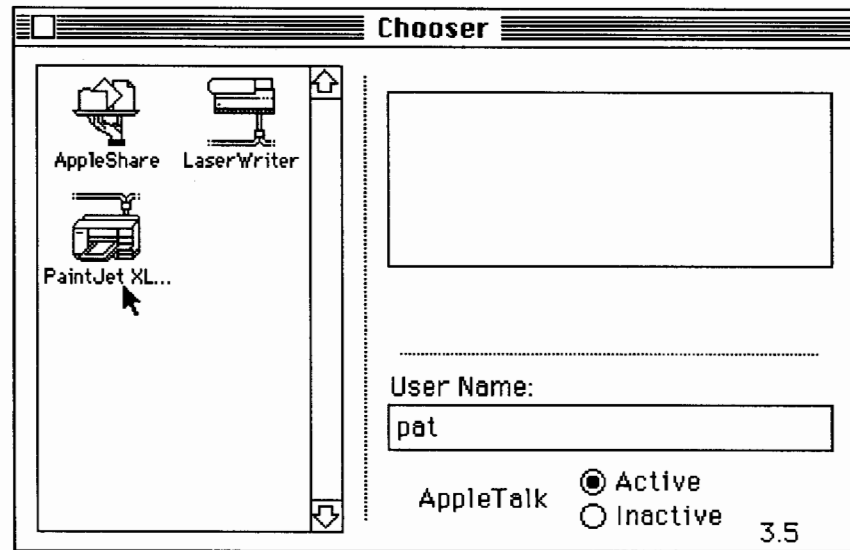
At this point, the software installation is complete. There are many options, settings and features in your HP PaintJet XL300 software. Use your online help for more detailed information.



Choose the printer

Use the Chooser to select your printer before you start any applications.

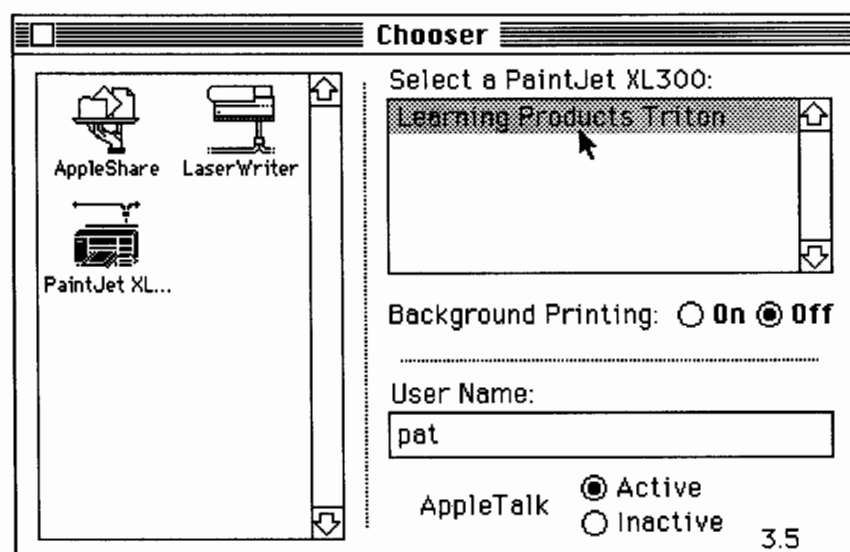
- 1 Select the Chooser from the Apple menu on your Macintosh desktop.



- 2 Select the HP PaintJet XL300 icon on the left side of the Chooser window.



- 3 Select a Printer. Even if you have only one PaintJet XL300, you *must* select its name in the Chooser.



- 4 Close the Chooser by clicking the Close box in the upper-left corner of the Chooser window.



Test the connection

Your HP PaintJet XL300 printer should now be connected to the Macintosh with paper and print cartridges loaded. You should have also done a self test and received satisfactory results. The final step is to check that your printer is connected correctly to your Macintosh. Your HP PaintJet XL300 software contains a picture that you can print. If your printer does not respond, review this guide to make sure nothing was missed. Then read chapter 7 of the HP PaintJet XL300 User's Guide for troubleshooting information.

The disks that came with your HP PaintJet XL300 printer contain a picture that you can print.

- 1 Insert PaintJet XL300 (1) into the drive.
- 2 Double click the file icon named "ImageTest (256 color)."
- 3 Choose Print from the File Menu.
- 4 Choose Normal for high-quality output. Use Best for highest-quality output (printing time will be longer).
- 5 When the printing is complete, close the file by choosing Quit from the File menu.

Congratulations. Your installation is now complete. Refer to your HP PaintJet XL300 User's Guide for more detailed information on using your printer.



ImageTest (256 color)



If you're using PostScript on a Macintosh or with Windows

If you purchased a PostScript printer (C1656A), it will contain a PostScript Installation Guide and disks for installing Macintosh and Windows PostScript drivers.

If you are upgrading your printer to use PostScript, you must install the PostScript Upgrade kit. To do this, refer to 'Installing the PostScript Upgrade' in the *HP PaintJet XL300 Postscript Installation Guide* that comes with the kit.



Print a self test

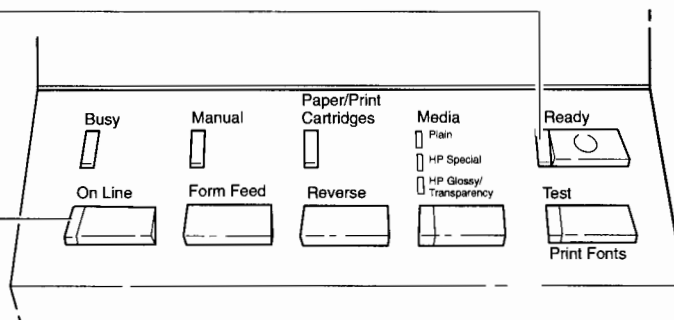
Use the printer's built-in self test to verify that the printer and print cartridges are operating properly. (The printer does not have to be connected to a computer to run the self test.) You can print the self test on plain paper.

- 1 Make sure paper is loaded in the media tray.
- 2 Make sure the Ready light is on and the On Line light is off.

If the On Line light is lit, press the **On Line** button to turn it off.

Ready light

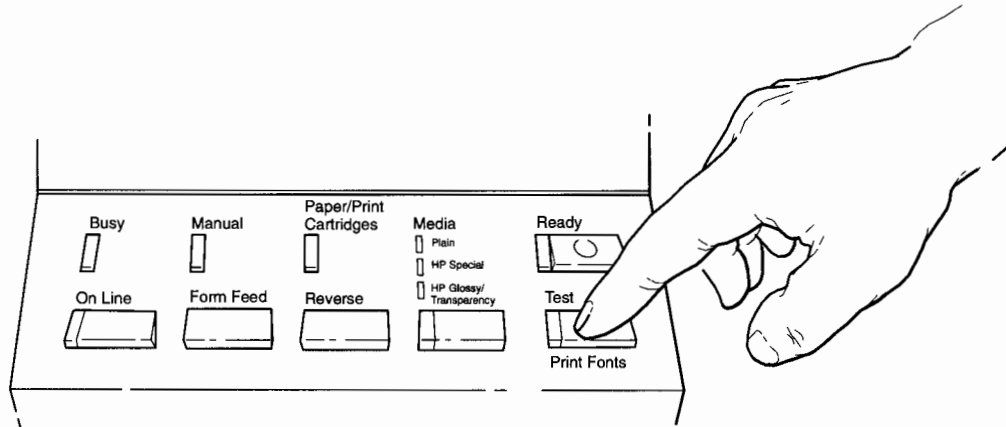
On Line light.
Press button
to turn off.



Important

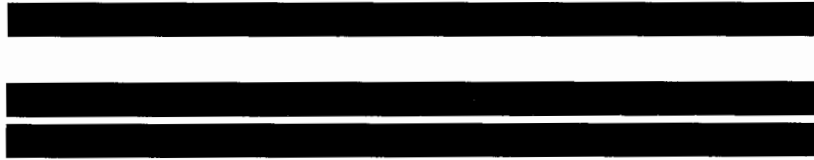
If you have the PostScript option, any downloaded PostScript fonts will be erased from the printer's memory when you perform the self test.

- 3 Press and immediately release the **Test** button to print the self test.

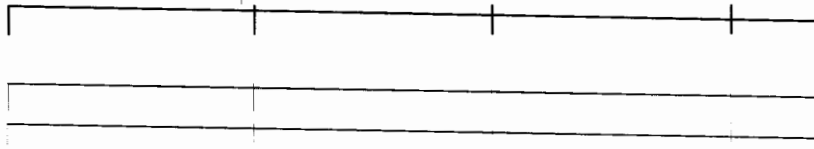


- Four color bars and lines on the self test should appear solid as shown below. The intensity of the colors will vary depending on the type of media (bond paper, special paper, glossy paper) used.

Each bar is
a solid color

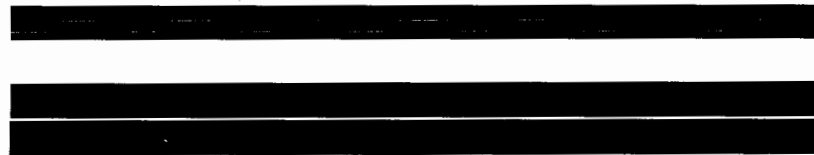


No gaps
appear in lines

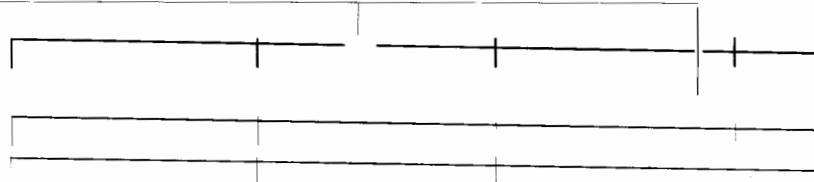


If any color bars or lines appear as shown below, the print cartridge nozzles may be clogged, and the corresponding cartridge needs to be cleared. Refer to "Print cartridge problems" in chapter 7 of the PaintJet XL300 User's Guide.

Streaks appear in
bars due to clogged
cartridge nozzles



Gaps appear
in lines





If the printer won't initialize and . . .

Light Indications	Possible Problems	Solution
. . . the BUSY light is flashing while the PAPER/PRINT CARTRIDGES light is on steadily.	<p>The cartridge cover was raised during printer initialization.</p> <p>The media tray was not fully installed in the printer during printer initialization.</p> <p>Media was jammed in the printer during printer initialization.</p>	<p>Lower the cartridge cover, unplug the printer, count to 5, then plug in the printer.</p> <p>Install the media tray. Press the Ready button twice to reset the printer.</p> <p>Remove the media tray and press the Reverse button to remove the jammed media. If the media does not come out all the way using the Reverse button, gently pull the media from the printer.</p>
. . . the PAPER/PRINT CARTRIDGES and MEDIA (green or amber colored) lights are on steadily.	<p>There has been an irrecoverable print mechanism error. You will lose all data in the printer's buffer.</p> <p>The printer mechanism is too hot or too cold.</p>	<p>Unplug the printer, count to 5, then plug in the printer.</p> <p>Leave the printer alone for several minutes. Turn the printer off (Ready light off), then on. If the problem persists and you are printing within the recommended temperature and humidity environments, have your printer serviced.</p>
. . . the BUSY light is flashing.	The cartridge cover was raised before printer initialization started.	Lower the cartridge cover and the printer will begin initializing.
. . . the PAPER/PRINT CARTRIDGES light is on steadily.	<p>There's a bad electrical connection between the print cartridge and stall.</p> <p>A print cartridge is missing.</p> <p>The wrong print cartridge was installed.</p> <p>At least one print cartridge is clogged, which caused an ink drop test failure during printer initialization.</p>	<p>Refer to the "Print cartridge problems" section earlier in this chapter.</p> <p>Make sure all stalls have cartridges.</p> <p>Only install print cartridges listed in the "Ordering information" chapter of the <i>User's Guide</i>.</p> <p>Refer to the "Print cartridge problems" section earlier in this chapter.</p>
. . . all lights are flashing.	<p>A print cartridge isn't fully inserted into the stall, causing the cartridge carriage to jam.</p> <p>Shipping cardboard was left inside the cartridge carriage area causing the cartridge carriage to jam.</p> <p>The cartridge carriage will not move.</p>	<p>Re-install the print cartridges. Press the Ready button twice to reset the printer.</p> <p>Remove the cardboard and load the print cartridges. Press the Ready button twice to reset the printer.</p> <p>Have your printer serviced.</p>



What's next?

Refer to the *HP PaintJet XL300 User's Guide* for more detailed information concerning the use of your printer including:

- Controls, switches, and indicators
- What you need to know about media and print cartridges
- Using software, typefaces, and color
- Adding options to expand your printer performance
- Troubleshooting printer problems





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