HP Designjet Z6100 42-in Printer

Assembly instructions
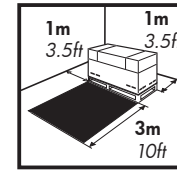
EN

Q6653-90001

Please read these instructions carefully

1m 3.5ft | 1m 3.5ft | 3m 10ft

The space required for assembly is 3 m (10 feet) in front and 1 m (3.5 feet) at the sides and rear.

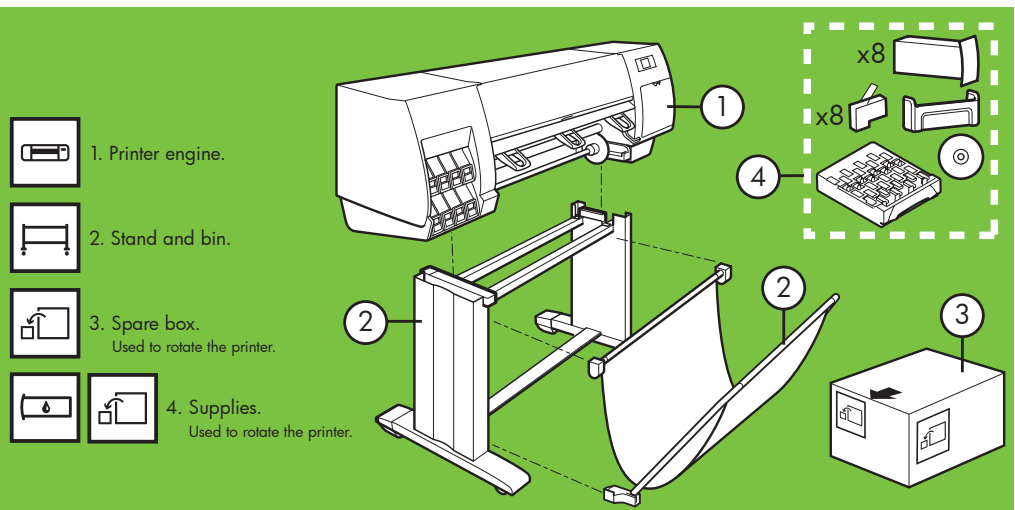4 people are required to perform certain tasks.

≃2h — Time required for assembly of the printer is approximately 132 minutes.

Page 1

These assembly instructions explain how to assemble the printer.
Notice that the icons used in this document are also located on the printer packaging.
The icons help you locate the parts needed at each stage of the assembly.
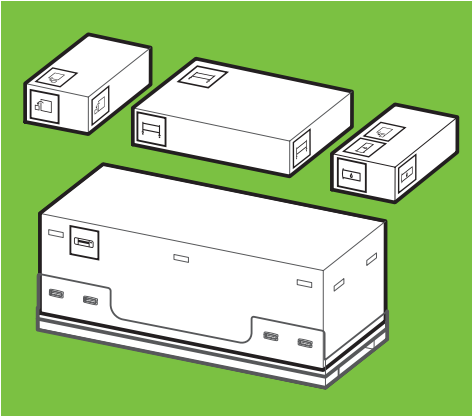Because spare screws are supplied, some screws will remain unused after assembly of the printer.

1. Printer engine.

2. Stand and bin.

3. Spare box.
   Used to rotate the printer.

4. Supplies.
   Used to rotate the printer.

x8
x8

Remove the packaging

Steps 1 to 4.

This task requires 2 people.
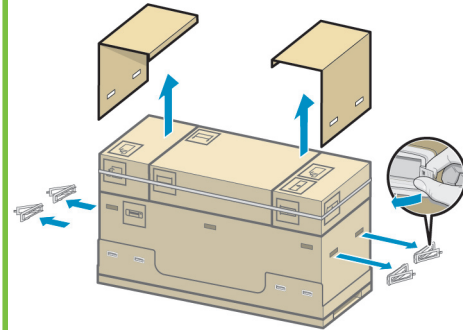Time required is 5 minutes.

5' | x2
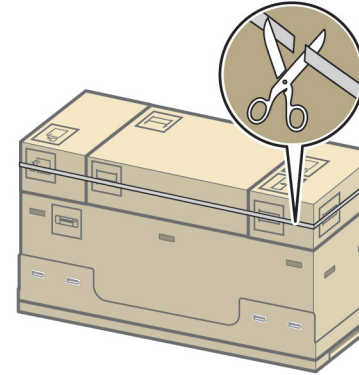
Boxes required

1

Remove the 4 upper plastic handles from the sides of the box (two each side), and then carefully remove the two side lids vertically.
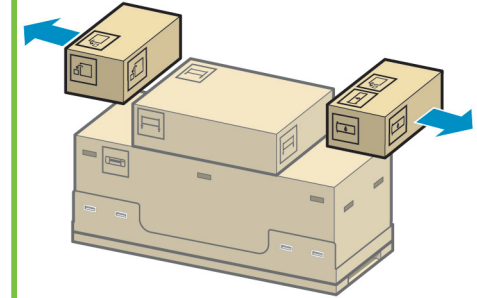
x4

2

Carefully cut the straps around the boxes. Make sure that the boxes don't fall when the straps are cut.
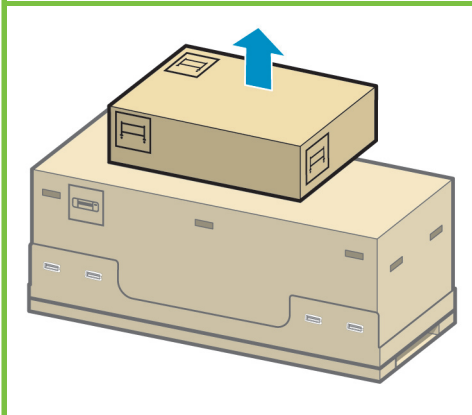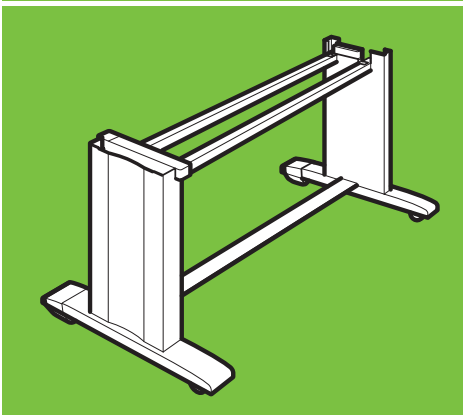

3

Remove the boxes shown.

4

Remove the box shown.

x2

Assemble the stand

Steps 5 to 25.

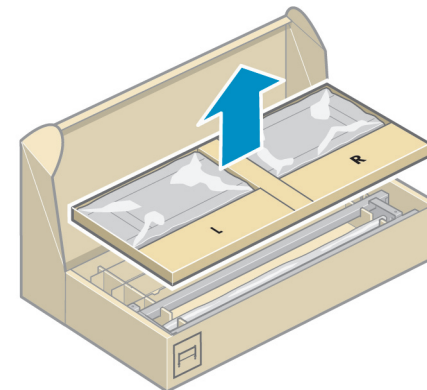This task requires 2 people.
Time required is 20 minutes.

20' | x2
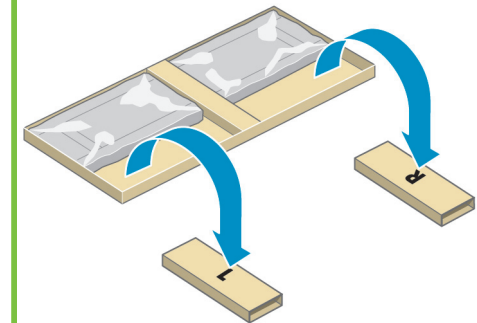
Box required

5

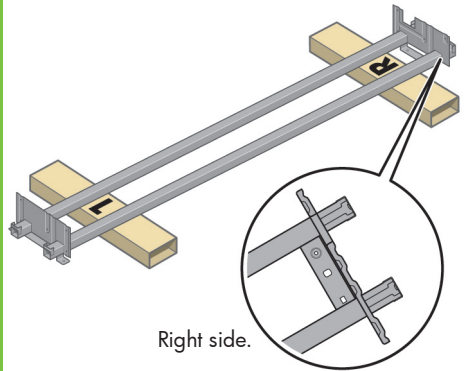Remove the first tray from the box shown.

x2

6

Remove the two boxes marked L and R from the first tray.

7

Lower the left side of the cross-brace onto the box marked L and the right side of the cross-brace onto the box marked R.
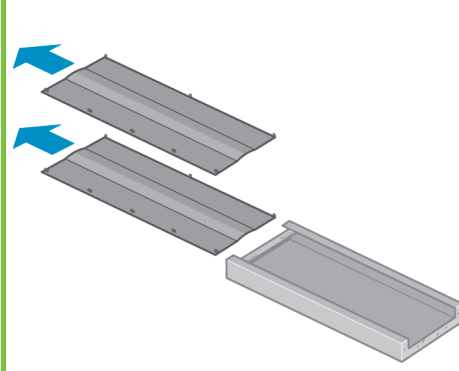
x2

Right side.

8

Locate the bag of screws and the screwdriver provided. Notice that the screwdriver is slightly magnetic. Because spare screws are supplied, some screws will remain unused after assembly of the printer.
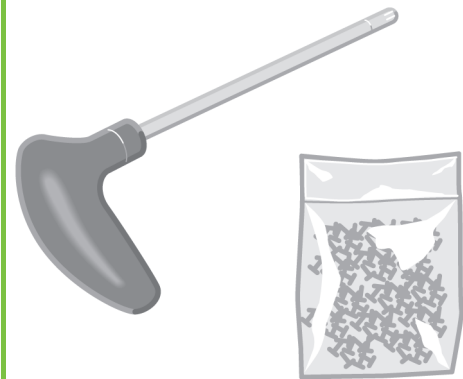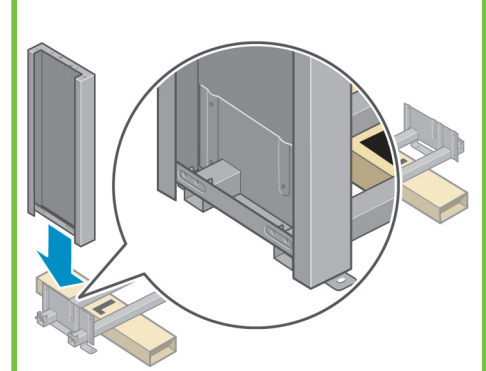
9

Remove the left leg from the box, and then remove the two pieces inside the leg.
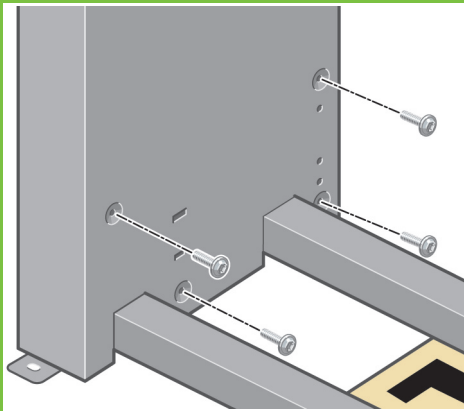
10

Lower the left leg onto the left side of the cross-brace. The left leg will fit only on the left side of the cross-brace.
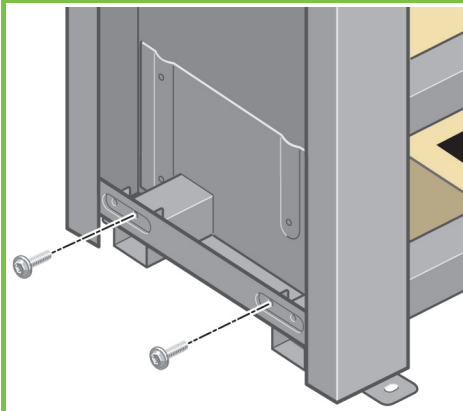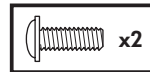
11

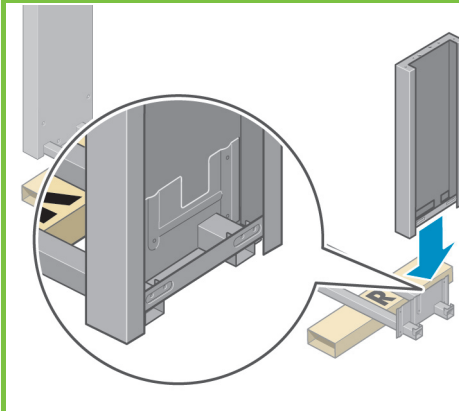Use four screws on the inside of the left leg to attach the left leg to the cross-brace.

x4

12

Use two screws on the outside of the left leg to attach the left leg to the cross-brace.
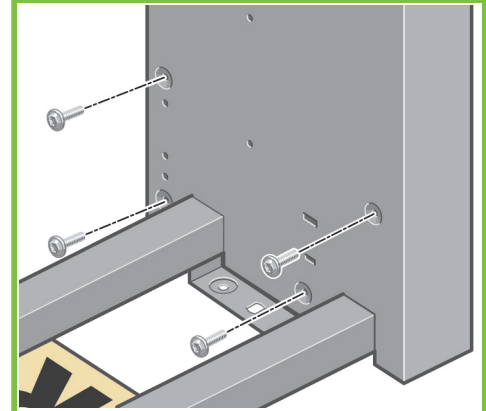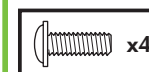
x2

13

Lower the right leg onto the right side of the cross-brace. The right leg will fit only on the right side of the cross-brace.
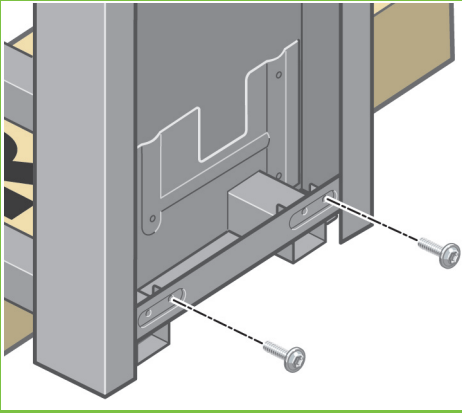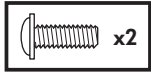
14

Use four screws on the inside of the right leg to attach the right leg to the cross-brace.
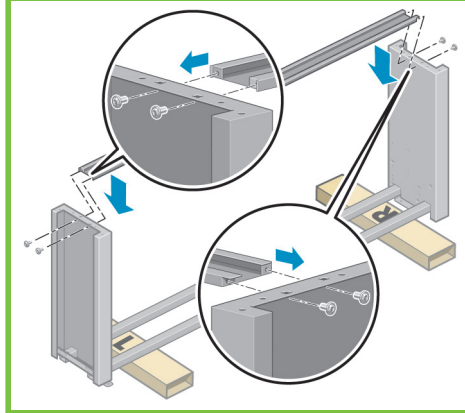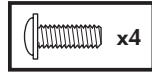
x4

15

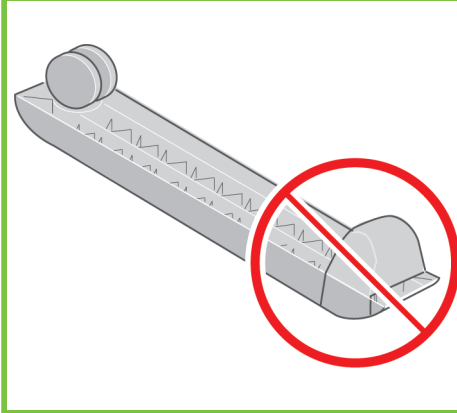Use two screws on the outside of the right leg to attach the right leg to the cross-brace.

x2

16

Use four screws to attach the cross-bar to the legs.
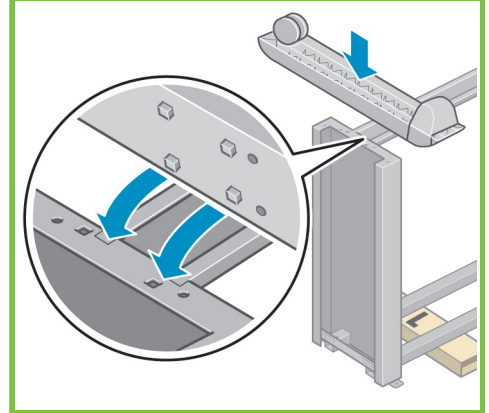
x4

17

Notice that there is anti-slip material around two of the wheels on the feet. **DO NOT REMOVE** this material yet.

18

Place a foot on the left leg. There are pins to help you correctly position the foot. Do not remove the anti-slip material from the wheel.

19

Use four screws to attach the foot to the left leg. Tighten each screw half-way, and then gradually tighten each screw completely.

x4

20

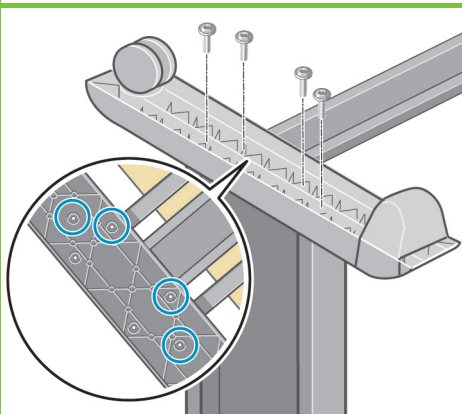Position the other foot on the right leg. There are pins to help you correctly position the foot. Do not remove the anti-slip material from the wheel.
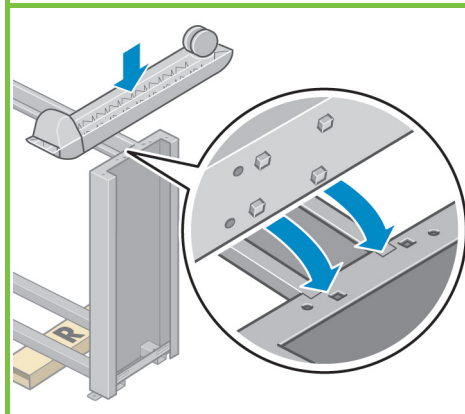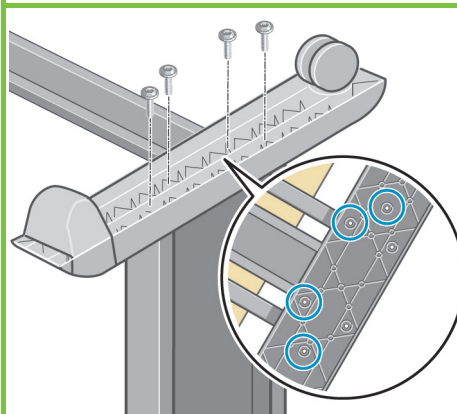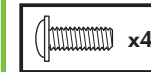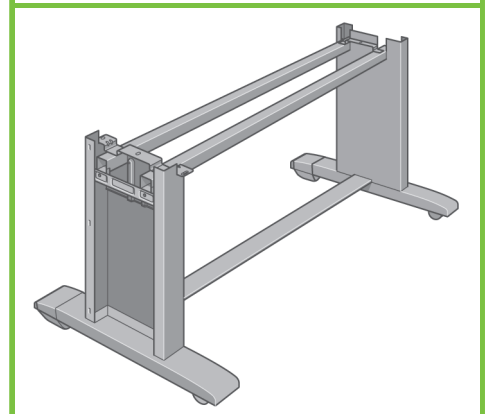
21

Use four screws to attach the foot to the right leg. Tighten each screw half-way, and then gradually tighten each screw completely.
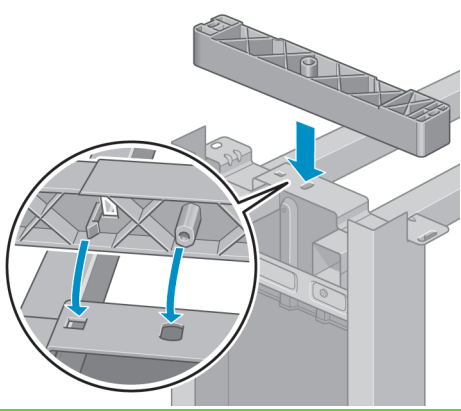
x4

22

Roll the stand assembly into its upright position.

x2

23

Attach the left stand spacer to the top of the left leg. It will 'click' into place.

x1
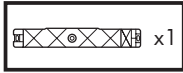
24

Attach the right stand spacer to the top of the right leg. It will 'click' into place.

x1
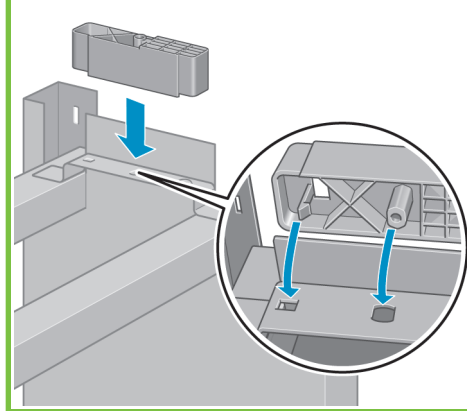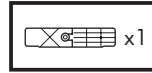
25

Position the left and right leg covers on the front of the legs (1), and then clip the rear edge (2) into place.
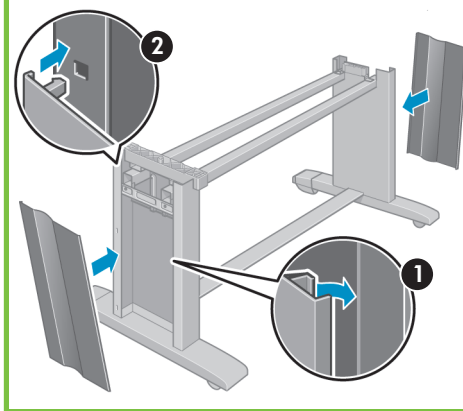
Attach the printer engine to the stand   Steps 26 to 38.

This task requires 4 people.
Time required is 15 minutes.

15' x4

Boxes required
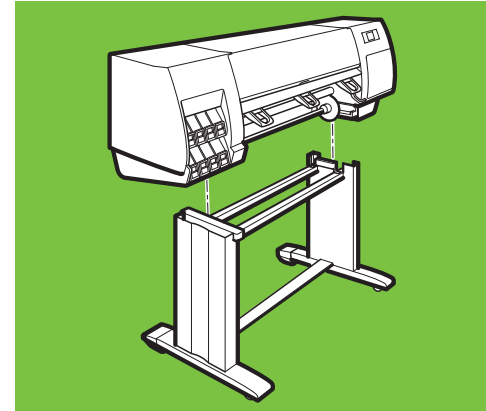
26

Remove the eight plastic handles, and then remove the box shown.

x8   x2
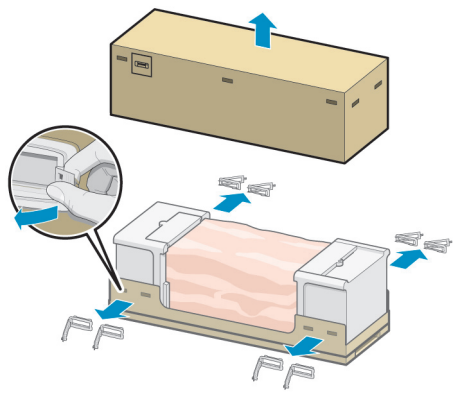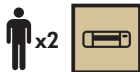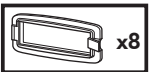
27

Remove the two packing pieces shown.
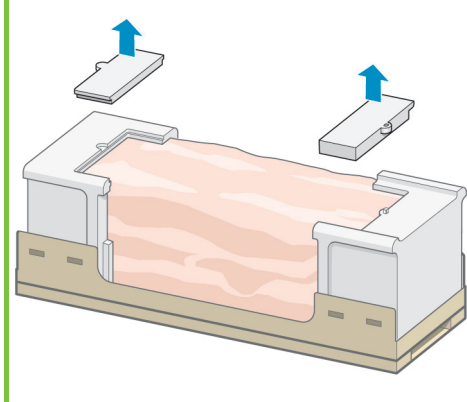
28

Pull open the protective plastic from the base of the printer (1), and then remove the two desiccant bags (2).
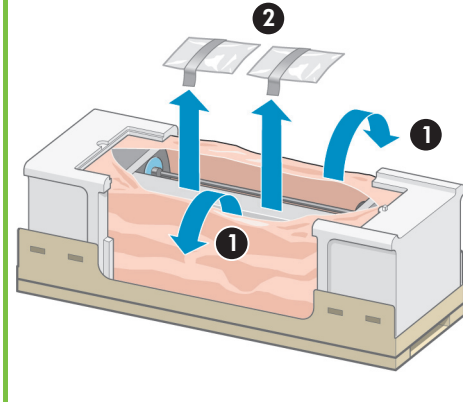
29

Lift the stand assembly onto the printer engine. **The anti-slip material should face the rear of the printer.**

x2
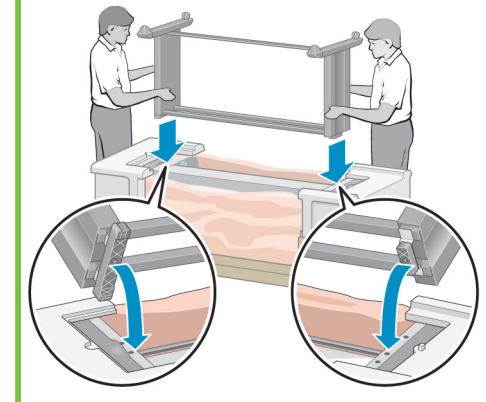
30

Use one screw to attach the right side of the stand to the printer engine. Make sure that the screw is fully tightened.

x1
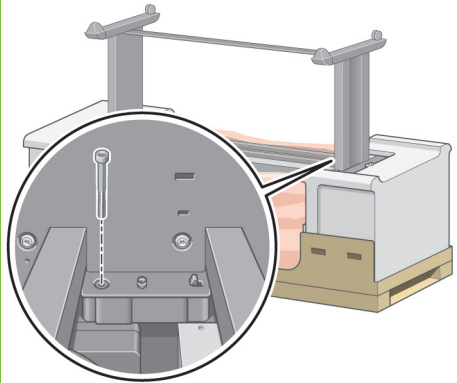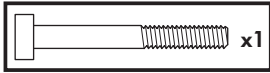
31

Use two screws to attach the left side of the stand to the printer. Make sure that the screws are fully tightened.

x2
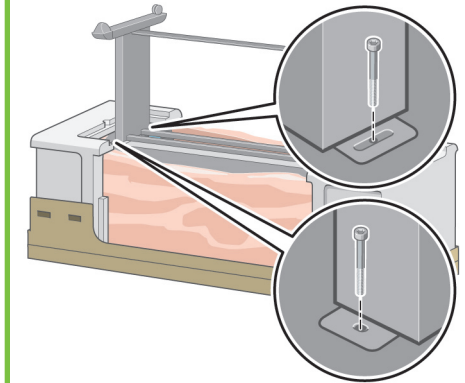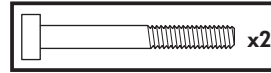
32

Place the spare box and the comsumables box against the rear of the printer box. The arrows on the boxes must point towards the printer box.
Make sure that the anti-slip material is attached to the two rear wheels.
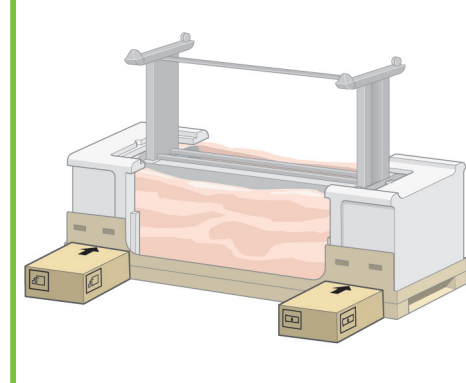
33

Rotate the printer onto the spare box and the consumables box. HP recommends four people to complete this task.

x4
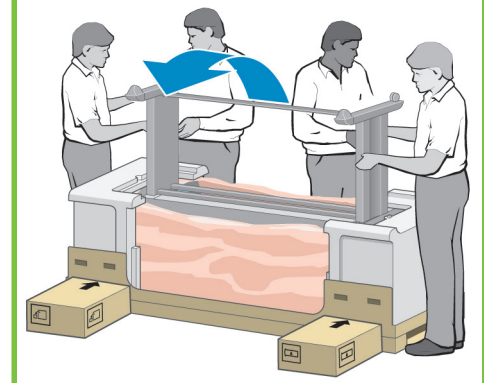
34

Rotate the printer until the back of the printer rests on the spare box and the consumables box, and the wheels with the anti-slip material touch the floor.

x4
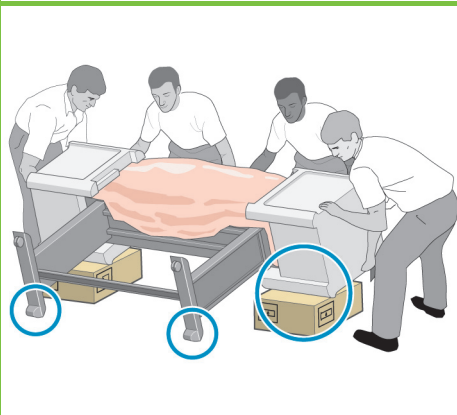
35

Remove the pallet before lifting the printer to its upright position.

x2
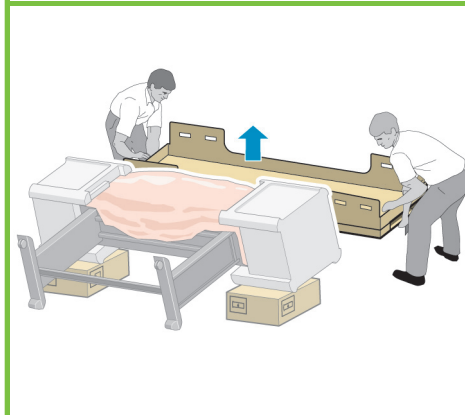
36

Use the hand holds at the rear of the printer engine to carefully lift the printer to its upright position. HP recommends four people to complete this task.

x4

37

Remove the two foam end-packs, and then remove the plastic covering from the printer engine.

x2
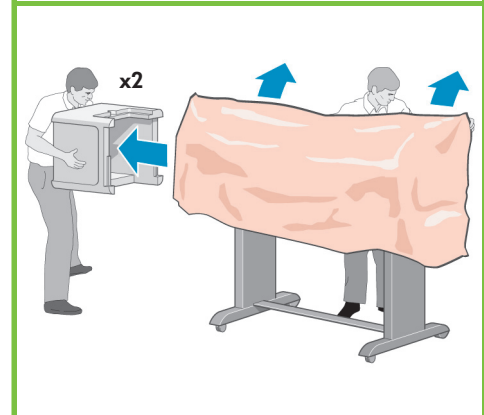
38

Remove the anti-slip material from the two rear wheels on the stand assembly.
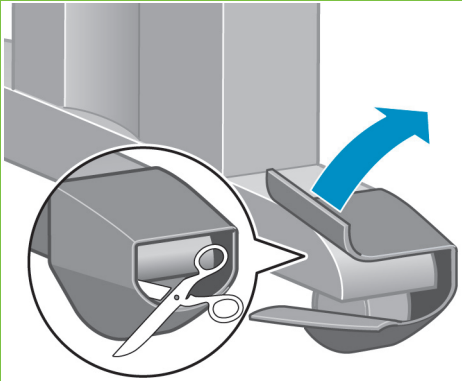


Assemble the bin

Steps 39 to 46.

This task requires 1 person.
Time required is 7 minutes.

x1

Box required
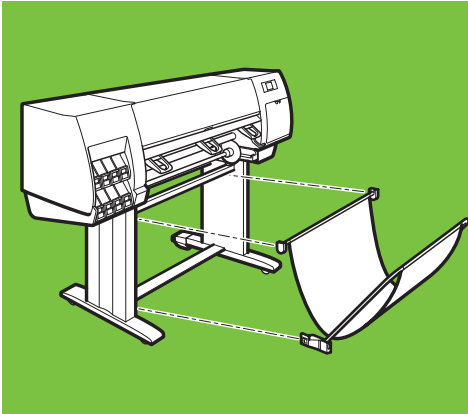
39

Remove the two brackets from the box that contains the stand and the bin.
Note: The brackets are marked L and R.
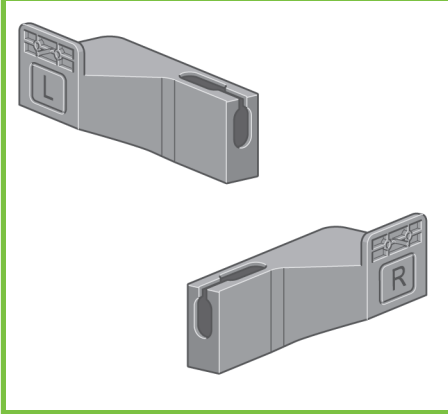
40

Use four screws to attach the brackets to the lower part of the printer legs. (Each bracket requires two screws.)

x4
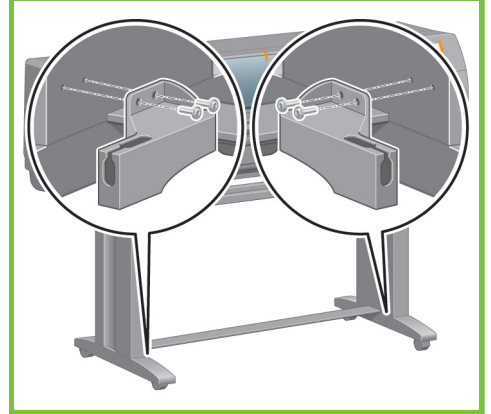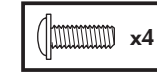
41

Attach the two plastic brackets to the top part of the printer legs. Insert the tab at the bottom of the bracket into the leg, and then 'click' the top of the bracket into place.
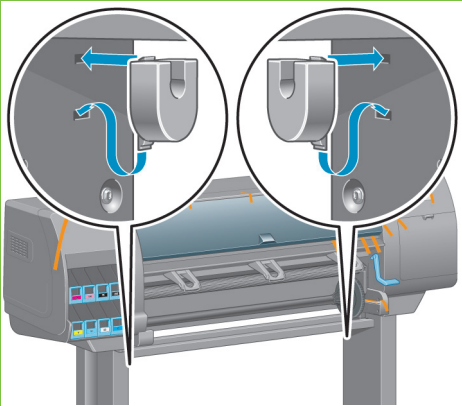
42

Remove the bin assembly from the box that contains the stand and the bin.
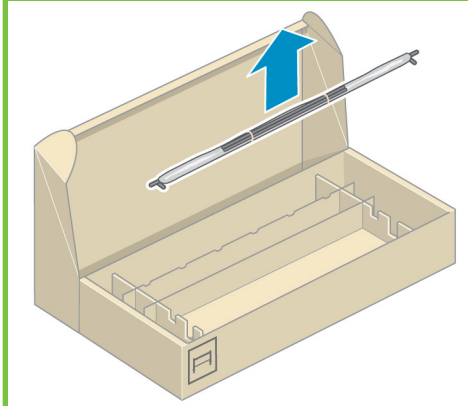
43

Insert the two bin arms into the bin cross-bar.
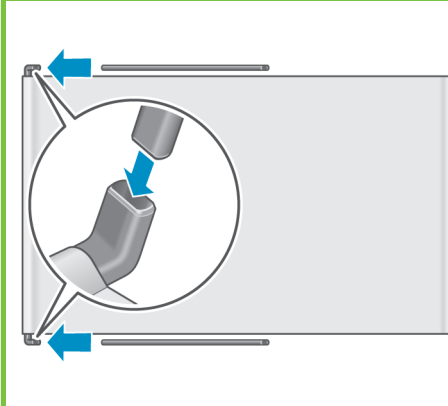
44

Insert the bin cross-bar into the two plastic brackets.
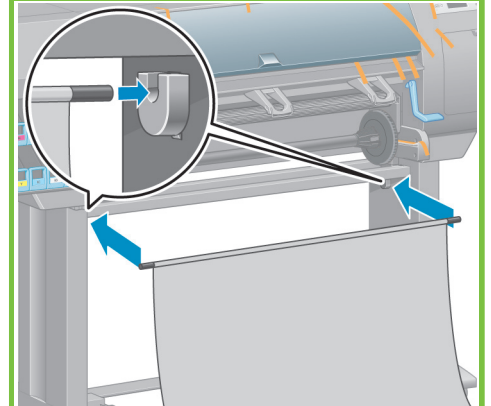
45

Click the ends of both bin arms into the metal brackets.
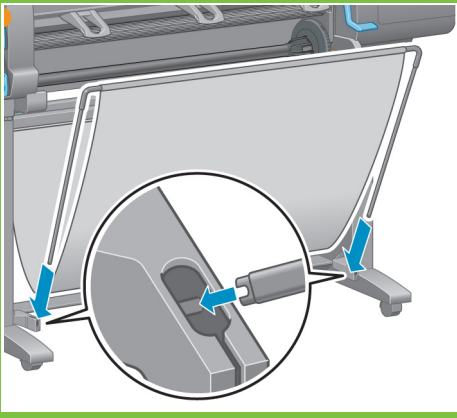
46

Use the blue handle to open the bin.
HP recommends that you leave the bin in the closed position while completing the printer assembly procedures.
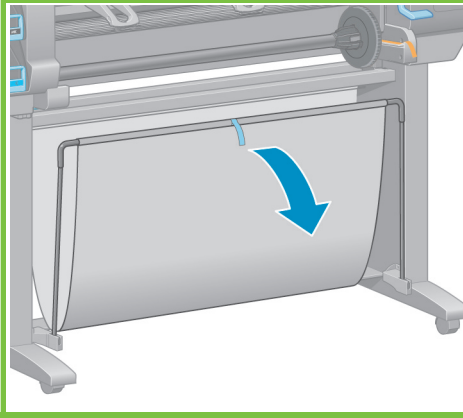
Unpack more components

Steps 47 to 52.

**This task requires 1 person.
Time required is 5 minutes.**

x1

Box required
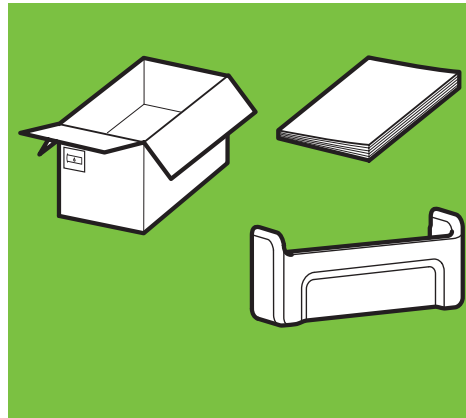
47

Remove the packing tapes marked 1 to 7 from the exterior of the printer.
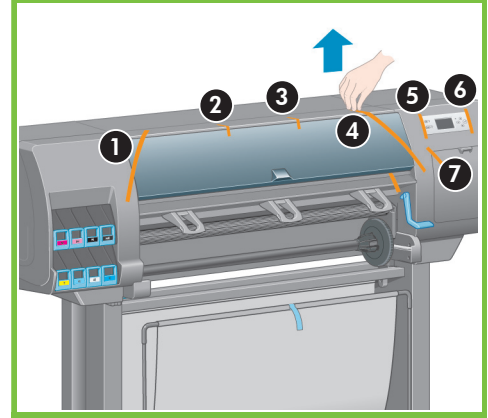
48

Open the printer window, and then remove the packing items 1 to 5 from the interior of the printer.
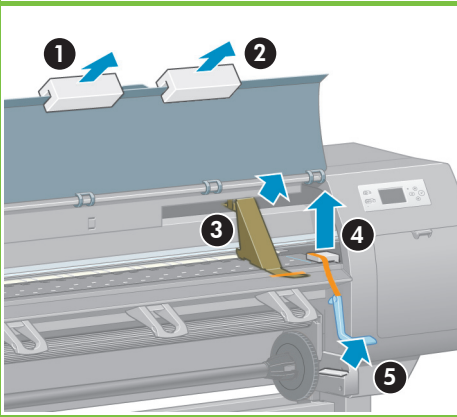
49

Remove the protective covering from the printer window and the front panel screen.
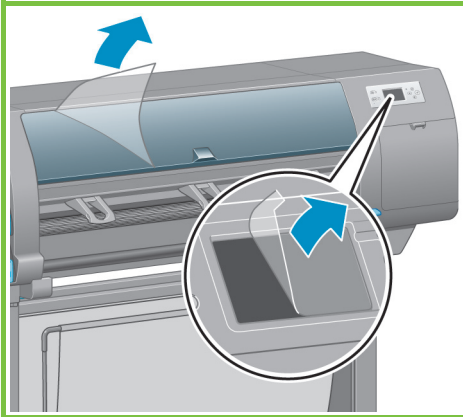
50

Remove the Quick Reference Guide holder from the supplies box.
Attach the Quick Reference Guide holder by angling the holder forward at the top (1), positioning the two hooks, and then 'clicking' the lower part (2) to the rear of the printer.
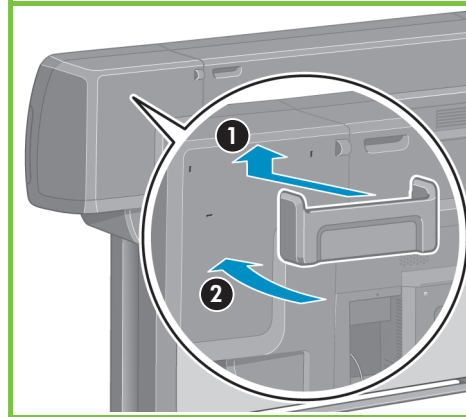
51

Plug the Gigabit Ethernet cable into the Gigabit Ethernet connection.
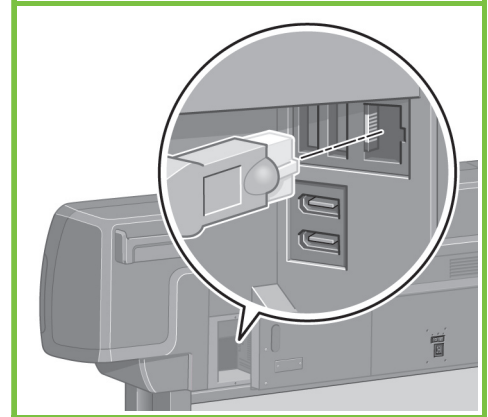
52

Pass the Gigabit Ethernet cable through the hook at the rear of the printer.
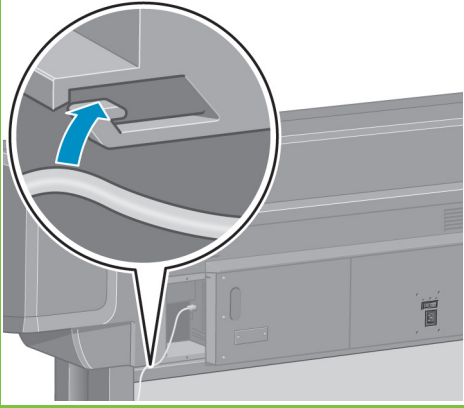
Install the ink supplies

Steps 53 to 81.

This task requires 1 person. Time required is 40 minutes.

40' 👤x1

Box required
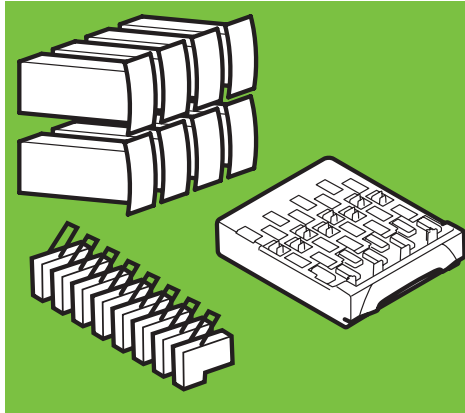
53

Plug the power cable into the rear of the printer, and then plug the other end into the AC power outlet.
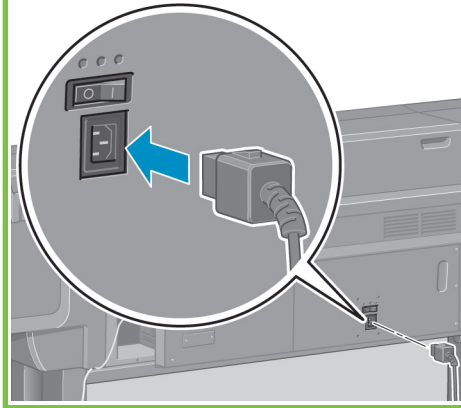
54

Turn the Power switch to the On position at the rear of the printer.
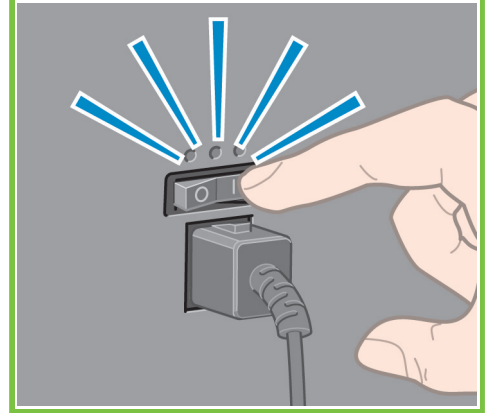
55

If the power light on the front panel remains off, press the Power button to switch on the printer.
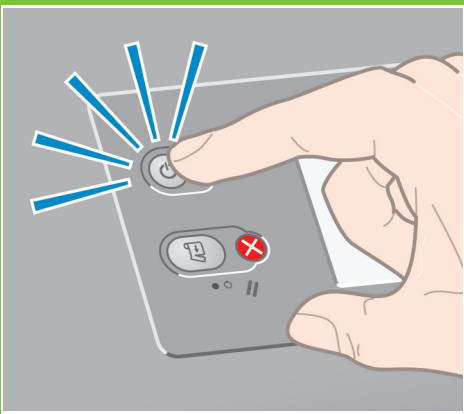
56

Wait until this message appears on the front panel (~1 minute). Use the Up and Down buttons to highlight the language you want, and then press the OK button.

1'

Language
☐ English
☐ Français
☐ Italiano
☐ Deutsch
☐ Español
☐ Português
☐ 二ホン゙ゴ

57

Wait until this message appears. The front panel guides you through the procedures for inserting the ink supplies.

Install ink cartridges for ink system setup

M   LM   PK   MK

Y   LC   LG   C
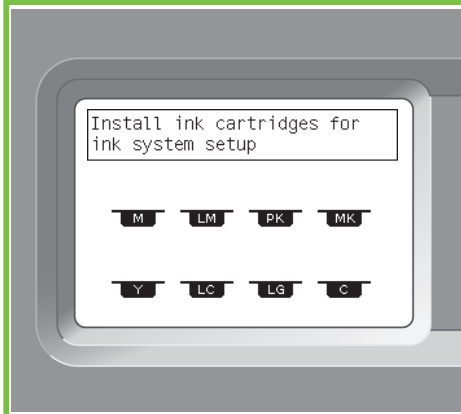
58

Gently pull down on the blue handle and then slide out the ink cartridge drawer.

M   LM   PK   MK

Y   LC   LG
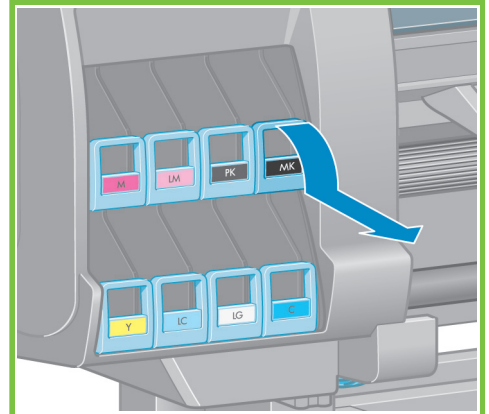
59

Shake the ink cartridge vigorously for about 15 seconds. Be careful not to strike it against any surface because this can damage the cartridge.

60

Place the ink cartridge in the ink cartridge drawer. The arrow on the front of the ink cartridge should point upwards.
Note that there are marks on the drawer to show the correct location to place the cartridge.
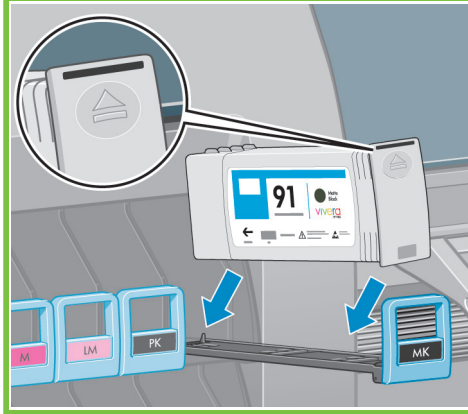
61

Push the ink cartridge drawer back into the printer until the drawer locks into position.
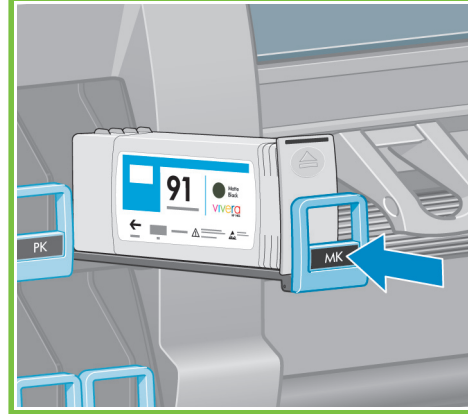
62

The printer 'beeps' when the cartridge is correctly inserted.

63

Follow the same instructions to insert the other seven ink cartridges.

64

Wait until this message appears on the front panel.

Open right door to install the maintenance cartridge
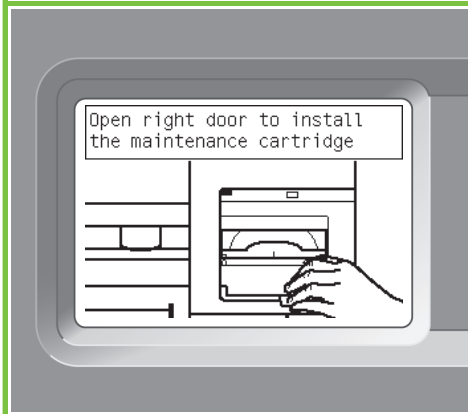
65

Pull open the maintenance cartridge door, which is located on the right side of the printer.
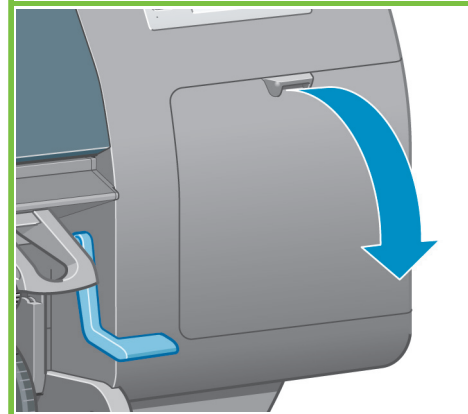
66

Remove the transparent shipping tray.
Insert the maintenance cartridge, pushing it in and down until it 'clicks' into place, and then close the maintenance cartridge door.
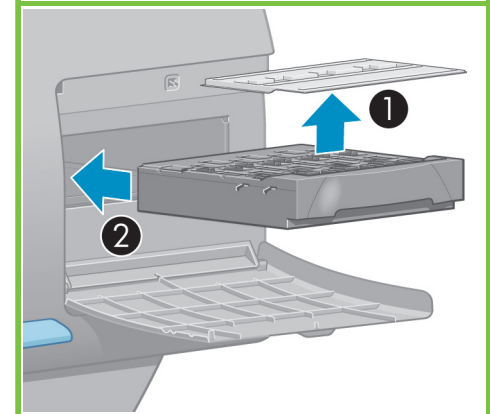
67

Wait until this message appears on the front panel (about 1 minute).

Open window to access print-
heads or press ✖ to quit
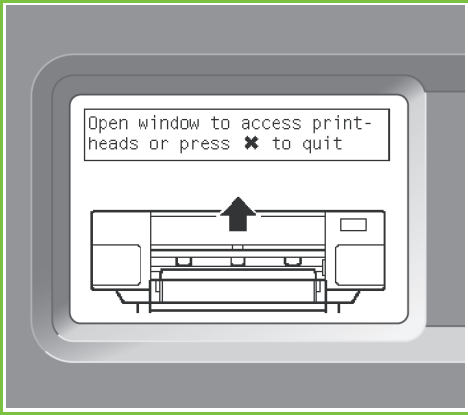
68

Open the printer window, and then remove the packing foam from the top of the printhead carriage.
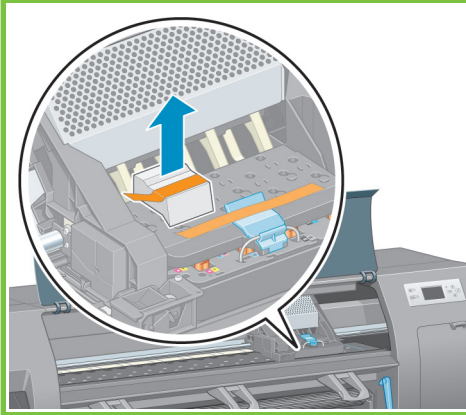
69

Remove the packing tape that is holding down the printhead carriage latch.
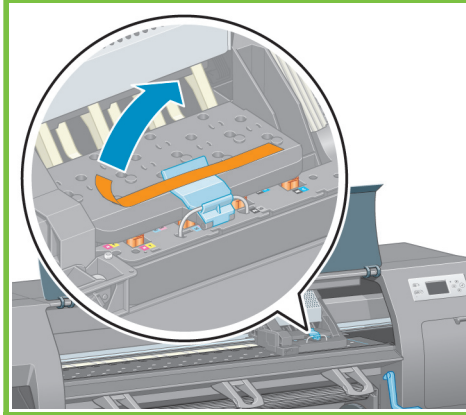
70

Pull up and release the blue latch on top of the carriage assembly.
Lift the blue latch to open the printhead cover.
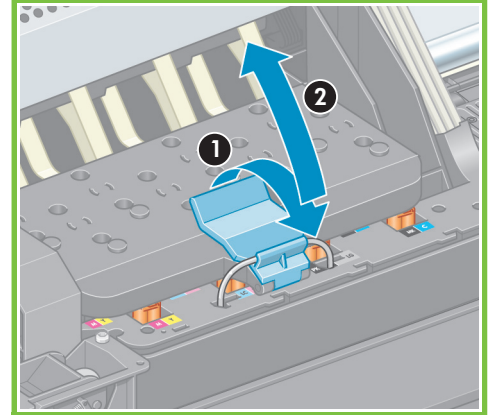
71

Before removing the setup printheads, look at each printhead and verify that each printhead contains ink.
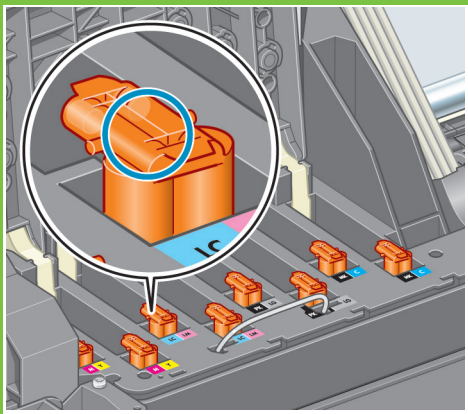
72

Remove all of the setup printheads.
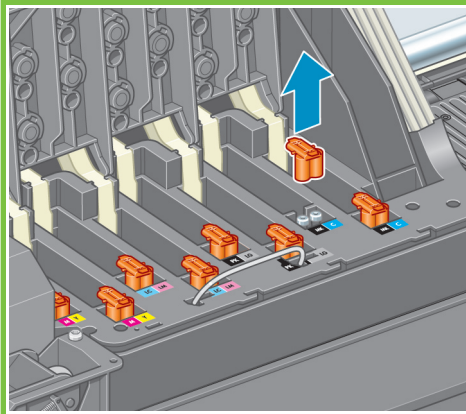
73

Shake the printhead vigorously for about 15 seconds. Be careful not to strike it against any surface because this can damage the printhead.
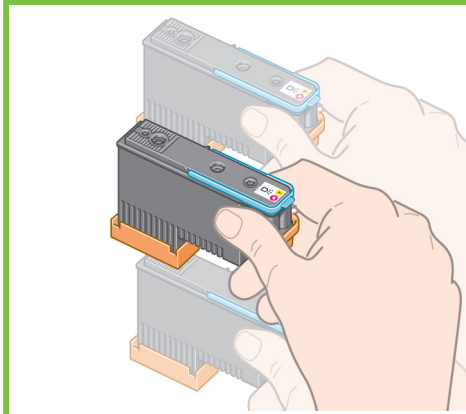
74

Remove the two protective covers on the new printhead.
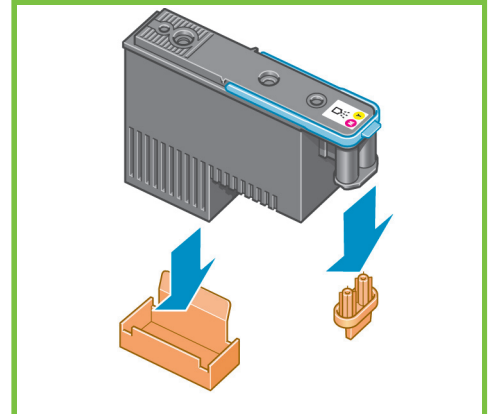
75

Lower all of the printheads vertically into their correct positions. The printer 'beeps' when each printhead is correctly inserted.
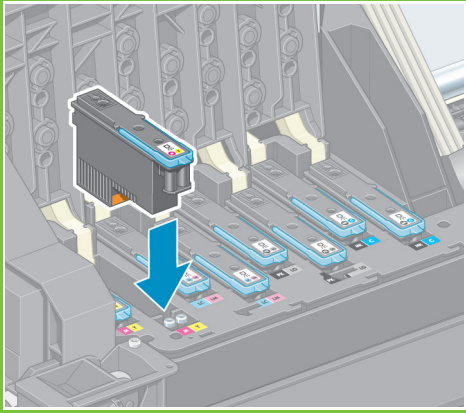
76

Make sure that the printheads are correctly seated. When all of the printheads are inserted, the front panel prompts you to "Close printhead cover and window".

77
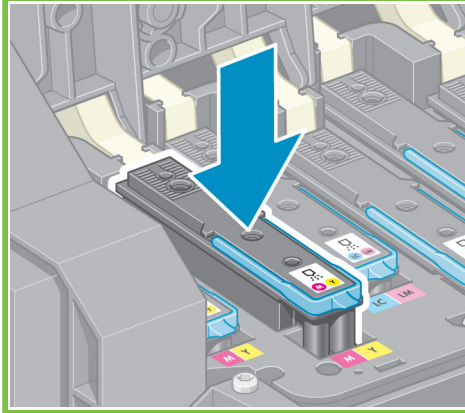
If a "Reseat" message appears on the front panel, check that all of the protective tape has been removed, and then firmly reseat the printheads. If the problem persists, refer to the *HP Start-Up Kit* CD/DVD.

Lift printhead cover.
Reseat faulty printheads

1 2 3 4 5 6 7 8
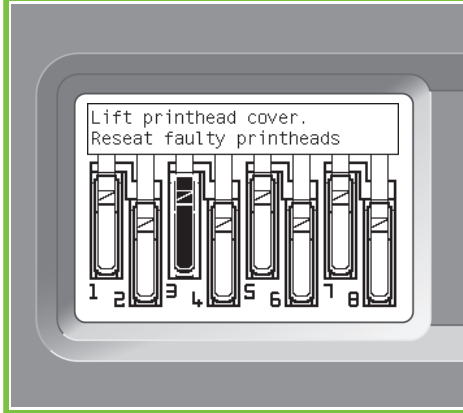
78

Close the carriage assembly cover.
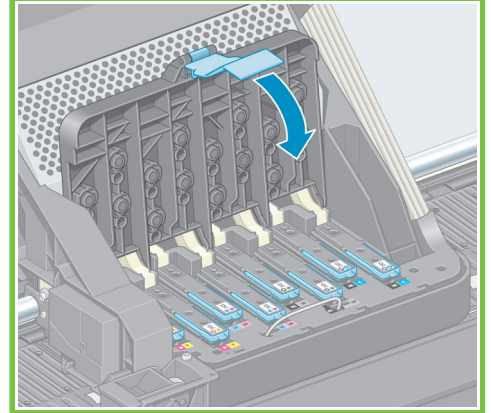
79

Make sure that the blue latch is correctly engaged, and then lower the latch.
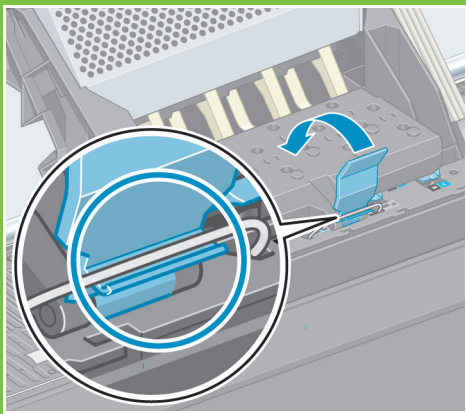
80

Close the printer window.
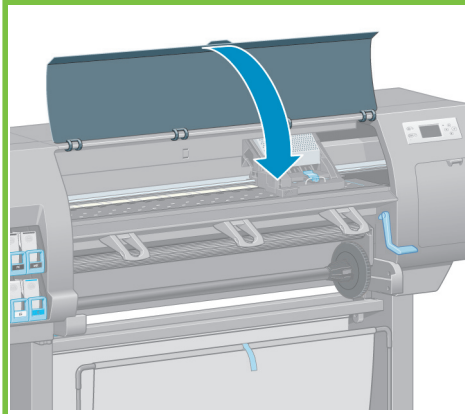
81

Wait until the **Ready for paper** message appears on the front panel.

Checking printheads.
Please wait
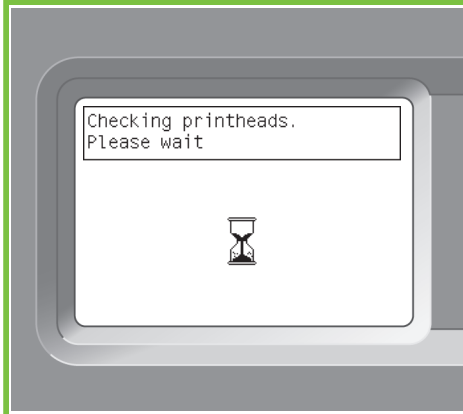
Load the paper

Steps 82 to 105.

**This task requires 1 person.
Time required is 25 minutes.**

25' x1

Box required

82

Remove the spindle from the printer.
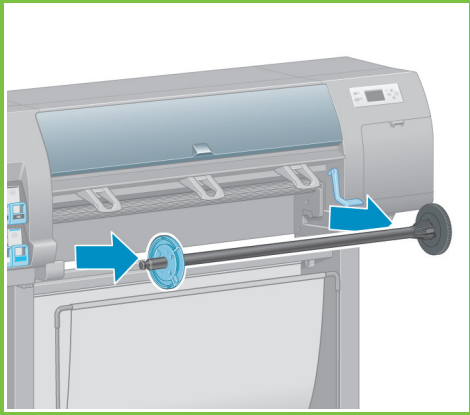
83

Unlock and remove the blue hub from the left end of the spindle. Keep the spindle horizontal.

84
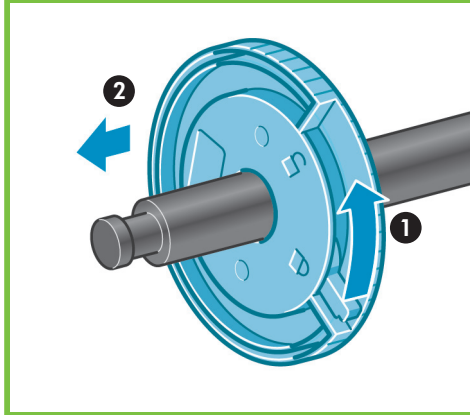
Slide one the rolls of paper that came with your printer onto the spindle. Make sure that the paper is oriented as shown.
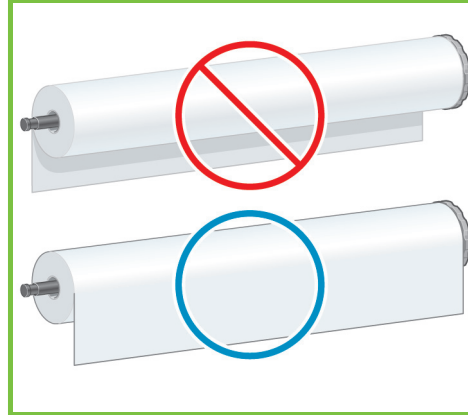
85

Make sure that the black hub on the right side of the spindle is fully inserted into the roll of paper. (No gap should exist between the spindle hub and the roll.)
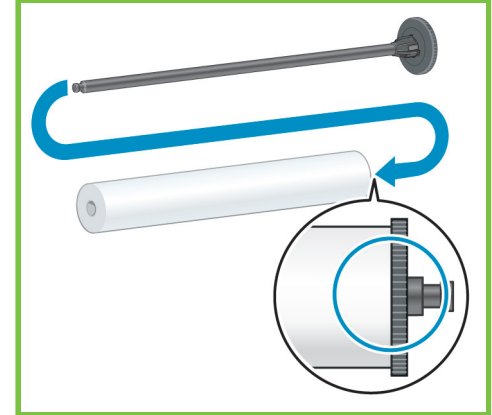
86

Put the blue hub onto the spindle. Make sure that the blue hub is fully inserted into the roll of paper (no gap should exist between the spindle hub and the roll), and then lock the hub.
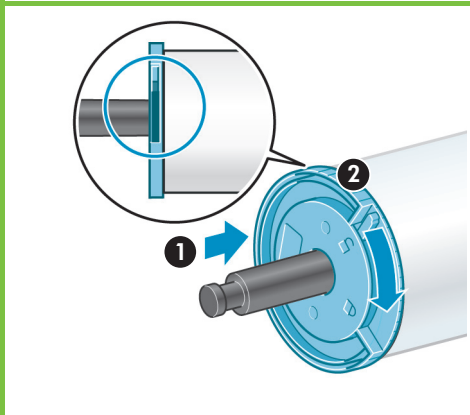
87

With the blue hub on the left, lower the spindle into the printer.
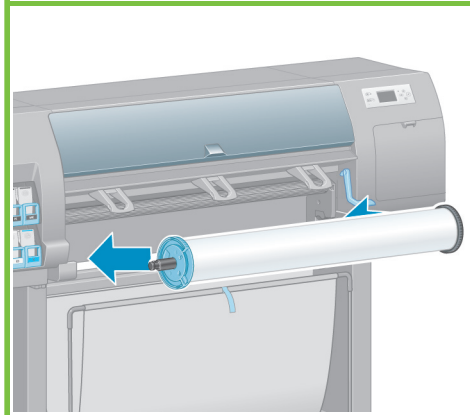
88

On the front panel, select the paper icon and then press the OK button.

Ready for paper

No paper loaded
Press OK to enter Paper menu
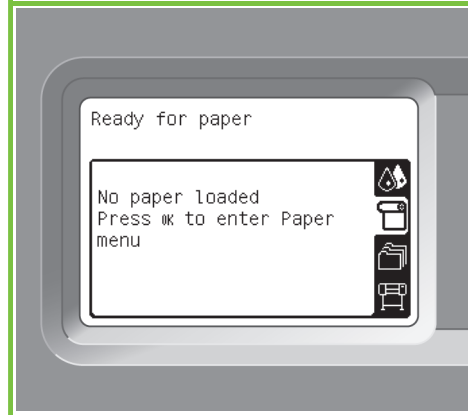
89

Select **Load roll** and then press the OK button.

Paper load
► Load roll
► Learn how to load spindle
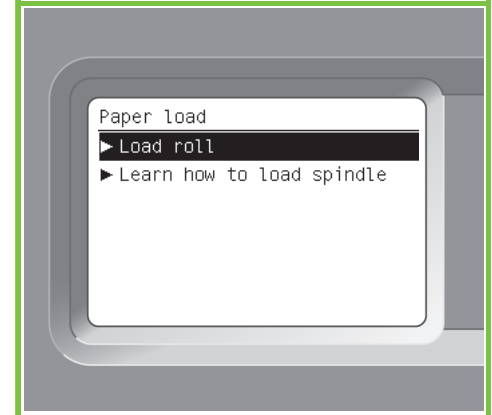
90

Wait until this message appears on the front panel.

Open window
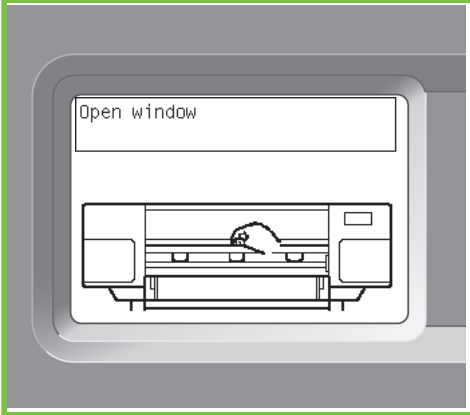
91

Open the printer window.
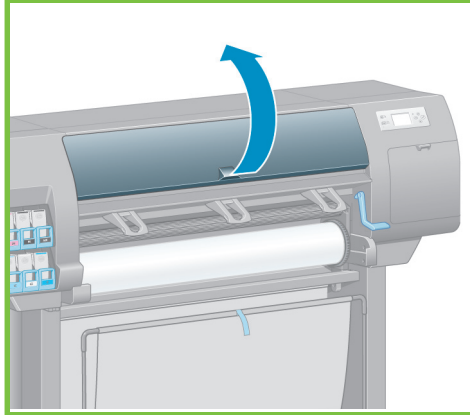
92

Lift the paper-load lever.
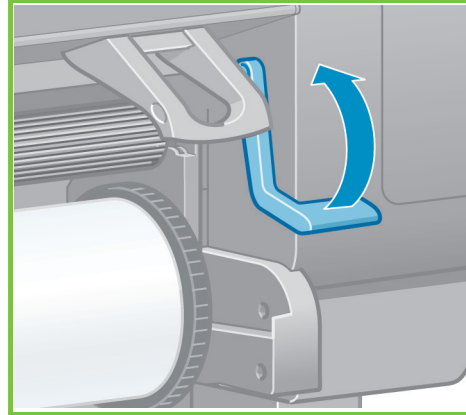
93

Pull out approximately 1m (3 feet) of paper to avoid back tension on the spindle, which can cause difficulties when loading the paper into the printer.

1 m (3 feet)
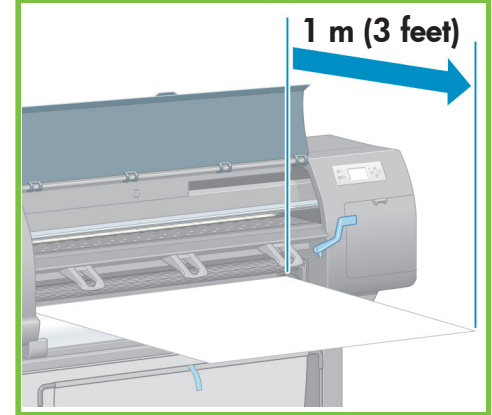
94

Insert the lead-edge of the paper into the printer, above the black roller.
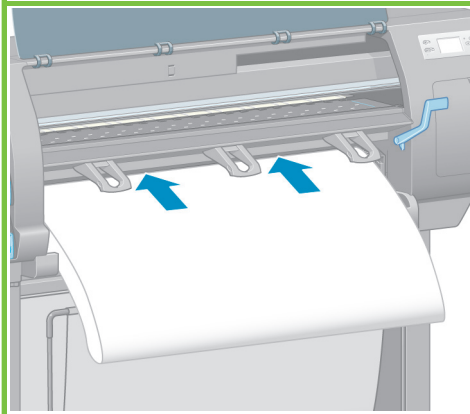
95

Wait until the paper emerges from the printer as shown.
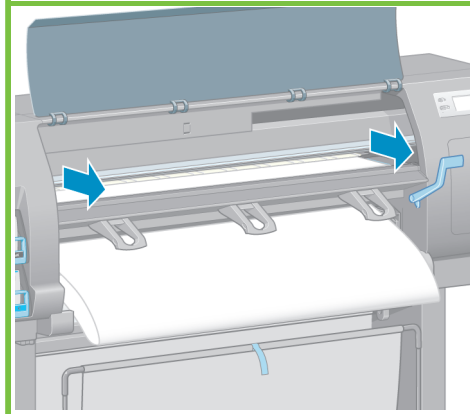
96

Make sure that the paper is aligned with the blue line and the semicircle on the platen.
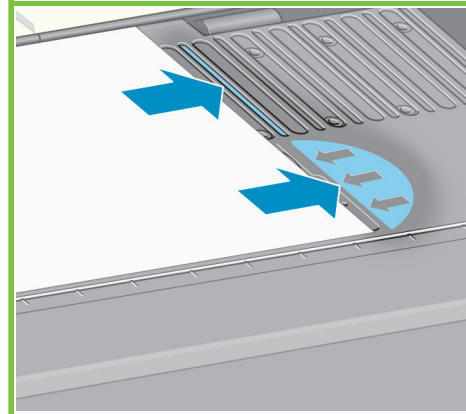
97

Lower the paper-load lever.

98

Wait until this message appears on the front panel.
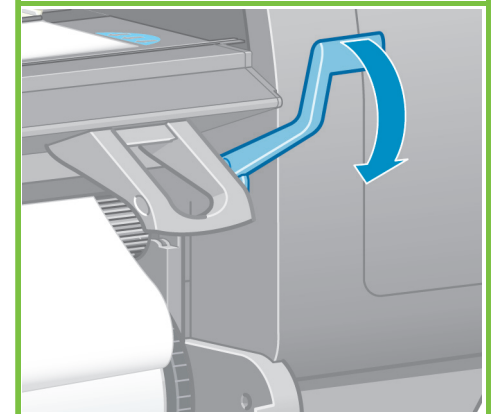
Wind excess paper onto roll.
Close window to continue
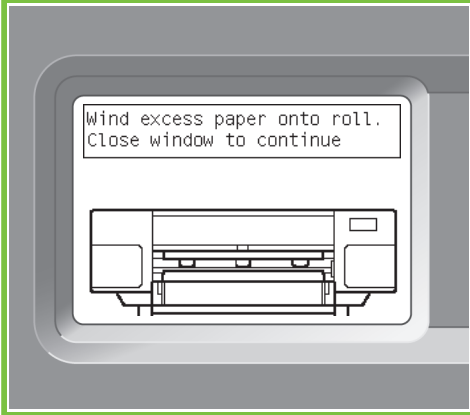
99

Use the hubs to wind the excess paper onto the spindle.
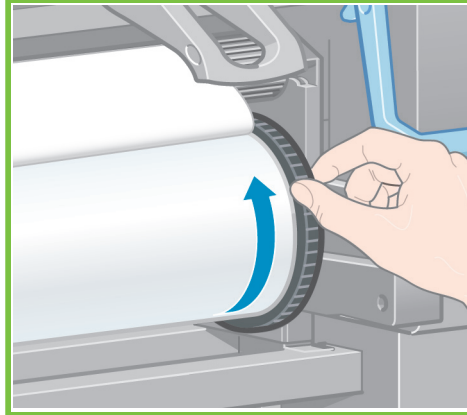
100

Lower the printer window.
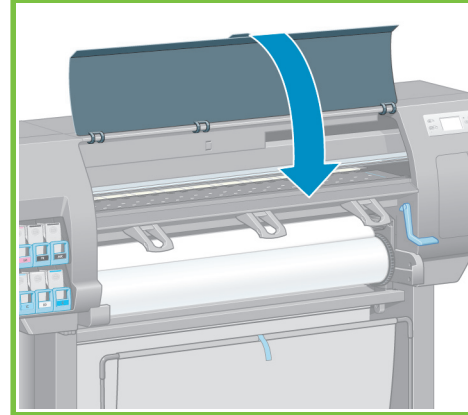
101

Press the OK button when this message appears on the front panel.

Loading roll
Wind any excess paper onto roll to ensure image quality when printing.

Press OK to continue
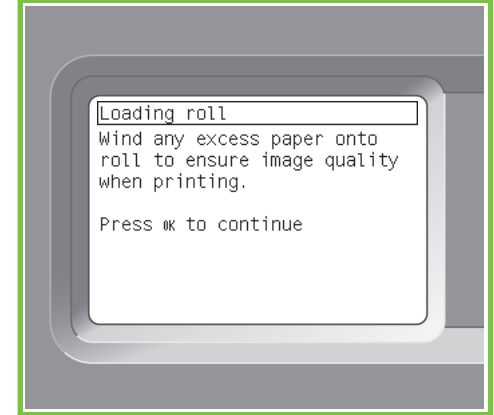
102

Use the hubs to wind the excess paper onto the spindle.
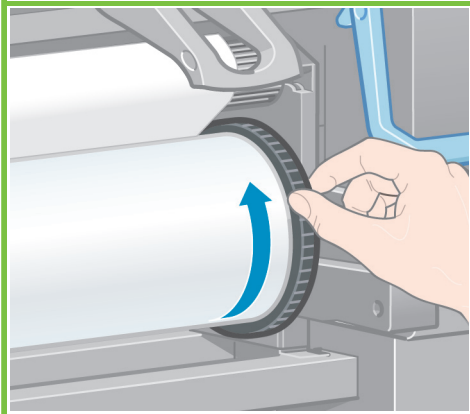
103

Confirm the paper type and paper length of the roll that you loaded into the printer. This information is included on the packaging label.
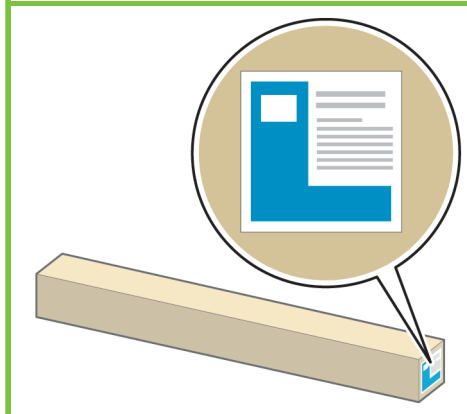
104

On the front panel, select the paper type and paper length of the roll that you loaded into the printer, and then press the OK button.

Paper types list
⊞ Bond and Coated Paper
⊞ Photo Paper
⊞ Proofing Paper
⊞ Fine Art Material
⊞ Film
⊞ Technical Paper
⊞ Backlit material
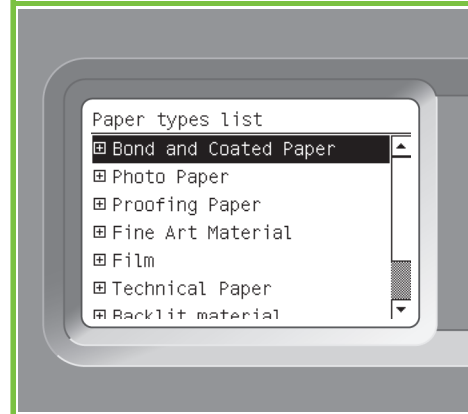
105

The printer will automatically perform paper advance and printhead alignment. During this process the printer will advance the paper up to 3 m (~10 feet) before printing.

Macintosh users must wait for the printhead alignment.

Windows users can proceed with software installation.
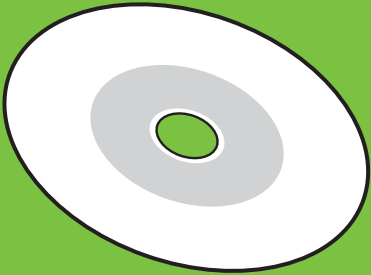
Please do not try to stop the paper advance; it is necessary to ensure successful printhead alignment.

The alignment and calibration process will take about twenty minutes; while it is taking place, you can proceed to the next step.

20'

Install the software

This task requires 1 person.
Time required is 15 minutes.

15' | x1

Box required

The assembly of your printer is complete. The following pages describe how to configure your computer for successful printing.

Mac OS   page 17

Windows   page 18

Mac OS

Set up and connect your printer

Box required
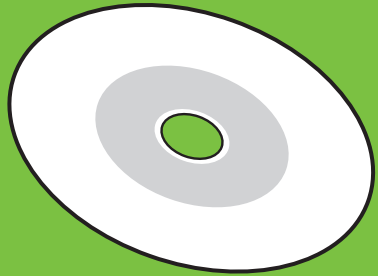
1. Set up and connect your printer (Mac OS X)

Network connection (Bonjour/Rendezvous).

1. Make sure that the printer is turned on and connected to a functioning Ethernet network, and that all of the computers in the network are turned on and connected (including hubs and routers).

2. On the printer's front panel, select the [icon] icon, select **Connectivity, Gigabit Ethernet**, and then select **View configuration**. Note the mDNS service name that appears on the front panel.

3. Insert the HP Start-Up Kit CD/DVD into your CD/DVD rive, double-click the CD/DVD icon on your screen, and then look for the 'Mac OS X HP Designjet Installer' icon.
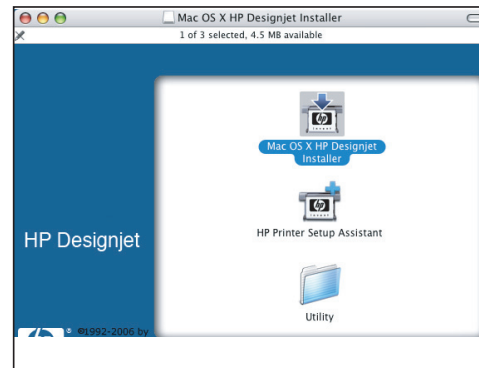
4. Double-click the appropriate icon to launch the installer, and then follow the onscreen instructions. Note: HP recommends that you use the **Easy Install** option.

5. When the software has been installed, the HP Printer Setup Assistant starts automatically to help you set up a connection to your printer. Follow the onscreen instructions.
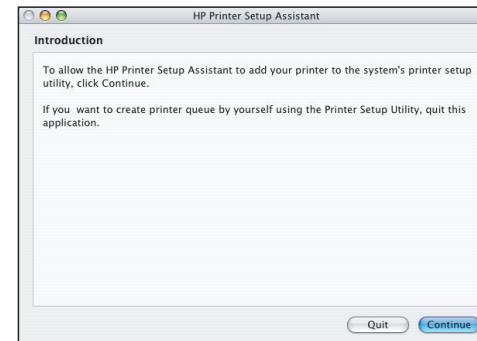
6. In the HP Printer Setup Assistant, click the Continue button.

7. In the list of printers that appears, select a line that contains the mDNS service name of your printer in the Printer Name column, and 'Bonjour/Rendezvous' in the Connection Type column. Scroll sideways if necessary to see the Connection Type column.
  • If your printer appears in the list, click the Continue button and proceed to step 8.
  • If your printer does not appear in the list, proceed to step 10.
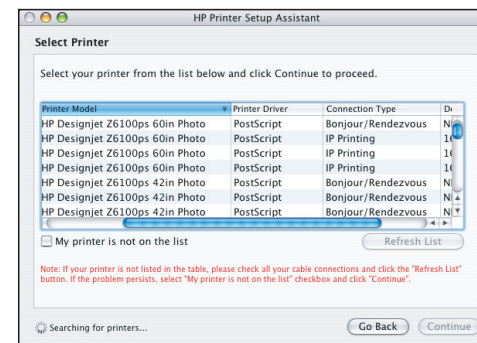
8. The following screen displays information about the installation of your printer. If necessary, rename your printer and then click the Continue button.

9. Continue following the onscreen instructions. When you reach the Printer Queue Created screen, click the **Quit** to exit, or click the **Create New Queue** if you want to connect another printer to the network.

10. Select **My printer is not on the list** and click the Continue button.

11. Select the connection type.

12. Follow the onscreen instructions that guide you through the process of connecting your printer to the network, and then click the **Quit** button to close the assistant window.

Windows

Set up and connect your printer

Box required
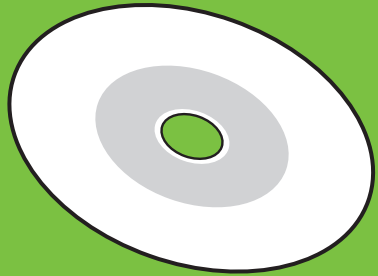
1. Set up and connect your printer (Windows)

Network connection
A network connection is the best way to share your printer with your team.

1. Make sure that the printer and the computer are turned on and connected to the network.

2. Make a note of the printer's IP address, shown on the front panel's Ready screen.

3. Insert the HP Start-Up Kit CD/DVD into your CD/DVD drive. If the CD/DVD does not start automatically, run the START.EXE program in the root folder of the CD/DVD.

4. Click the Install button.

5. Follow the onscreen instructions to set up the printer. The following notes help you understand the screens and make appropriate choices.

• When asked how the printer is connected, select **Wired Networking**.
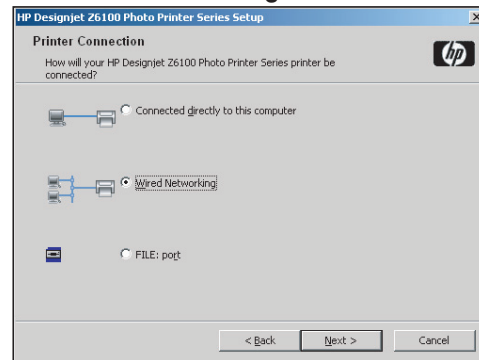
• Select your printer from the list. If you have more than one HP Designjet Z6100 printer connected to the network, use the IP address that you noted earlier to confirm that you have selected the correct printer.
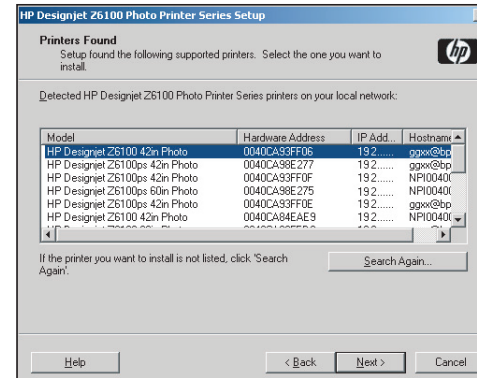
• Verify that the network settings are correct for the printer that you selected.

HP Color Center
HP Advanced Profiling Solution

HP Color Center

HP Color Center provides in one place the main facilities you need for color management. You can create accurate color prints by using the Color Center to calibrate the printer, create and install custom ICC color profiles, and manage the numerous paper types available for your printer.

To use HP Color Center, you must first install it. Follow the instructions in your product installation CD/DVD.

To access HP Color Center in Windows, double-click the following icon, which is on your computer desktop.

To access HP Color Center in Mac OS, double-click the following icon, which is on the dock.

HP also offers optional solutions that are specifically developed to meet the most demanding requirements of graphic designers and professional photographers.
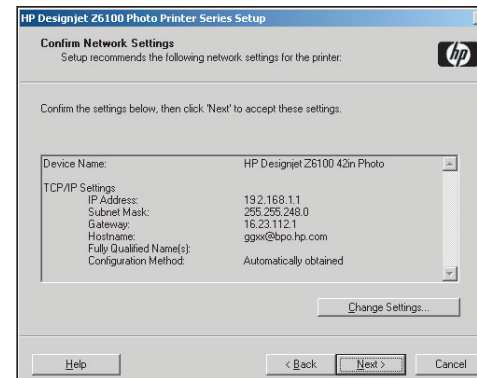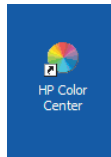
HP Advanced Profiling Solution

HP and X-Rite have worked together to develop the HP Advanced Profiling Solution, powered by GretagMacbethTM techology, which takes advantage of the built-in HP Embedded Spectrophotometer to provide a revolutionary end-to-end calibrated ICC color workflow.

The HP Advanced Profiling Solution, tailored for HP printers, offers a powerful and automated, yet cost effective color management system with a fully streamlined workflow that allows you to avoid the cost, hassle, and delay of off-line measurement devices. Together, X-Rite and HP provide a new experience to designers, photographers and other creative professionals, whereby they can generate proofs and photo quality prints accurately and consistently.

The Advanced Profiling Solution includes:
- The HP Colorimeter monitor calibrator, with which you can accurately calibrate and profile all of your monitors: LCD, CRT, and laptops
- An ICC profiling and editing software program that provides additional features and functionality beyond those included in the HP Color Center.

Using the Advanced Profiling Solution, you can:
- See matching colors on your screen and printed paper.
- Generate color profiles for all your paper types,in RGB or CMYK.
- Edit your color profiles visually for maximum control.
- Perform all operations easily using a step-by-step software interface—no extra manuals are needed.

The HP Advanced Profiling Solution is fully supported by HP, so you do not need to deal with various support organizations from different companies.

Key Features

The HP Advanced Profiling Solution helps you take control of your colors:
- Calibrate and profile all of your monitors: LCD, CRT, and laptop.
- Perform an automated CMYK profiling through the HP software drivers to ensure accurate printing
- Perform an automated CMYK profiling when your printer is driven by a Raster Image Processor (RIP) for accurate digital prints and proofs.
- Edit your profiles easily and visually for ultimate color control."

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i n v e n t