

Instructional Manual Continuous Ink System for use in HP Photosmart C4680/4780 with cartridges: HP60 Black/ HP60 Color

Before using this product, please read and follow the instructions. After opening your package, make sure to check the accessories first .

Conduct Parts Check:

1. Accessories

- a. Continuous Ink System (1)
- b. HP 60/60 cartridge(1) (customer self-provided, not including in this package)
- c. Clear rubber plug (6)
- Connector holder (4)
- Plastic tube(1)
- d. Air breather plugs (4)
- e. Air removal kit (1)
- f. Syringe(1)
- g. Drill (1)
- h. Square adhesive pad (2)
- T-Shape adhesive pad(1)



Fig 1-1



Fig 1-2



Fig 1-3



Fig 1-4



Fig 1-5



Fig 1-6

2. Preparation.

- a. Before installation, make sure your printer is in normal working condition.
- b. Lay out all the accessories in front of the printer ,check if there is any leakage ,and make sure the tubing is tightly connected with the system and is straight .
- c. Place the CIS ink tank on the same horizontal level as printer, The ink tank has two chambers per color, the front chamber is to hold the ink and the rear chamber is to control the flowing pressure. **It is important that the rear chamber contains only a very small amount of inks (as little as possible). The ink should reside in the front chamber.** Make sure the ink tank plugs are tightly closed, tilt the ink tank forward to make the majority of the ink flow into the front chamber if the rear chamber has some excess ink. (Fig. 2-1 through Fig. 2-3)



Fig 2-1



Fig 2-2



Fig 2-3

- d. Hold down the ink tank with one hand and remove the original air plugs as shown (Fig.2-4).
- e. Install the Air breather, and put the wider part into the ink reservoir tank, making a snug fit (Fig.2-5).



Fig 2-4



Fig 2-5

Caution: Make sure not to push the breathers too tight as it could crack the tank. Also when removing the air breathers from the tank use caution to avoid cracking.

3. Assemble the Continuous Ink System:

- a. Place the continuous ink system (Fig 1-1), and clear rubber plug, connector holder (Fig 1-3) on the table.
- b. Take out the original cartridges (Fig 1-2), Green Cover Cartridge is #60 with colors: Magenta(M), Yellow (Y) and Cyan(C). Black cover cartridge is #60 Black (K). Peel off the label on the cartridges. (Fig 3-1). There are 5 holes on each cartridge. Use rubber plugs to block the 2 bottom holes of cartridge # 75 color cartridge (Fig 3-2), the sequence of color for the remaining ink holes are beginning from the left to right is M, Y, C. (Fig 3-2). Use rubber plugs to block the 4 bottom holes of the cartridge # 60, the top hole is the one for black color. (Fig 3-3).
- c. Use the drill to enlarge the ink hole of the cartridge (Fig 3-4) (Make sure you take the drill vertically to drill the hole. It must be 90 degrees between the drill & cartridge). Put the connector holder into the ink hole tightly. (Fig 3-5). Repeat the same process for the cartridge #60 all of the three colors.



Fig 3-1



Fig 3-2



Fig 3-3



Fig 3-4



Fig 3-5

- d. Remove the metal clip on the tube, remove the black cover from the needle (Fig 3-6). The black color ink will flow through the tube to the connector. Position the connector with the needle into the black color ink hole # 60 cartridge (Fig 3-7), and press the needle all the way down to the end. The assembling method is same for the # 60 color cartridge. When all the connectors with needle are fitted well, do not separate the tubing too much in between black cartridge and color cartridge. (Fig 3-8).



Fig 3-6



Fig 3-7



Fig 3-8

- e. Removing the air from the HP #74 & #75 cartridge:

Follow the steps as below :

Peel off the sealing tape over the cartridge, before starting the process. Remove air from black color cartridge, using the air removal Kit, which has been installed the red pad (Fig 3-9). Place your cartridge on a flat surface and with the print-head facing up (Fig 3-10). Insert the syringe in the small opening of the kit and begin to extract air. Repeat several times, until you see the ink in the syringe with no air bubbles. (Fig 3-11).

To remove air from the color cartridge, please take the air removal kit, exchange the red pad to the blue pad, do the same procedure to remove air from each of the 3 holes, until you see the ink in the syringe with no air bubbles.



Fig 3-9



Fig 3-10



Fig 3-11

4. Set up Continuous Ink System.

- a. Open up the printer cover ,then use the plastic tube to block the printer sensor(Fig 4-1),and move the cartridge carrier to the left side of the printer.(Fig 4-2).
- b. Slide the cartridge under the bar to right side of the printer (Fig 4-3).Install the cartridges according to their corresponding color position(Fig 4-4).
- c. Stick the T-shape adhesive pad on the middle part of the printer. Stick one square adhesive pad on the black color cartridge. (Fig 4-5)
- d. Stick the other square adhesive pad on the right side of the printer.(Fig 4-7).
- e. Attach the tubing between the teeth of T-Shape adhesive pad and two square adhesive pads .Make sure the tubing line is straight not twisted.

Adjust the tubing line with enough room for the cartridge carrier to move back and forth freely in the cartridge movement line. (Fig.4-6 and Fig.4-7)



Fig 4-1



Fig 4-2



Fig 4-3



Fig 4-4



Fig 4-5



Fig 4-6



Fig.4-7

5 .Refilling Ink

When the ink levels reached the indicator margin, (sticker on the ink tank with red line Fig 5-1) the ink tank has reached its low level line and needs to be refilled.

Follow these steps:

- a. Gently remove the filling hole plugs.(Fig 5-2).
- b. Refill the proper color of ink into the corresponding ink tank (Fig 5-3) (use towel to wipe off any spillage).
- c. Tilt the ink tank forward to make the majority of the ink flow into the front chamber if the rear chamber has some excess ink.
- d. Make sure you use the specially designed Low Foam Ink for the CI System as they are specifically designed for optimal results.



Fig 5-1



Fig 5-2



Fig 5-3

NOTE: When removing the CI System, remove cartridges and put tape over cartridge ink exit holes. Printer and ink tank **MUST** remain at the same level (not higher and not lower).

6.Attention:

1. After installing the CI System, do not move the ink tank unless it is necessary.
2. When you are printing do not move the ink tank up or down. keep it stable and at the same level as the printer.
3. Store at 15-35 degrees Celsius.
4. The ink and cartridge flow have been designed and tested to function as a system. We recommend you use our company specially designed Ink in the CIS for optimal results.
5. Do not move or block up the ink tank to avoid unexpected problem.

7. Caution:

1. Do not drink ink and keep out of reach of children.
2. Do not leave under sunlight or in extreme weather conditions
3. Do not drop ink tank or handle roughly.

Thank you for purchasing the Continuous Ink System: We hope you find this manual useful.

Troubleshooting tips		
	Problem	Suggestion
1	Banding line on your print out.	It is because there is air in the cartridge ,you may try the cleaning option on the front panel of the printer
2	When I have completed a printing job ,the ink flows back to the ink tank.	The shipping plugs need to be removed before installing and replaced with the air breathers to eliminate any pressure being built up in the system, along with protecting the ink from contamination. Also the ink tank should be sitting on the same level surface as the CI system. If the air breathers are covered with dried ink, you can rinse the air breather and dry thoroughly to continue use.
3	The tubing is getting caught inside the printer resulting in an error message “paper loading error”	If the tubing length is not adjusted correctly, causing it to slap the inside of the printer, please adjust.
4	Printer shows the ink volume is not enough.	Press “OK” to continue.
5	If the printer shows the message ,check the left or right side cartridges .	Check if the ink leaks to the cartridge carrier ,or there is too much ink on the sensor.

If you are still unable to fix the problem, contact your dealer for support.