

## Instructional Manual Continuous Ink System for use in Epson R230

Before using this product, please read and follow the instructions. After opening your package ,make sure to check that all the accessories shown in figures 1-1 through 1-3 below are enclosed.

### Conduct Parts Check:

#### 1.Accessories

- a. Continuous Ink System (1)
- b. Air breather plugs (6)
- c. Square adhesive pad(1)
- d. T shape adhesive pad(1)
- e. Syringe(1)



Fig.1-1



Fig.1-2



Fig.1-3

#### 2.Set-Up Continuous Ink System(CIS)

- a. Before installation, lay out all your parts in front of your printer.
  - b. Check your system for any leakage, and make sure your tubing system is tightly connected and 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 small amount of ink(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).
  - d. Place the CIS on the right hand side of the printer as shown (Fig.2-4),and keep it on the same level surface as the printer.
  - e. Hold down the ink tank with one hand and remove the original air stoppers as shown (Fig.2-5).
  - f. Install the Air Breather plugs wider part into the ink reservoir tank, making a snug fit as shown (Fig.2-6).
- Caution: Make sure not to push it too tight as it could crack the tank. When removing the air breathers, please also do it carefully to avoid cracking the tank.**



Fig.2-1

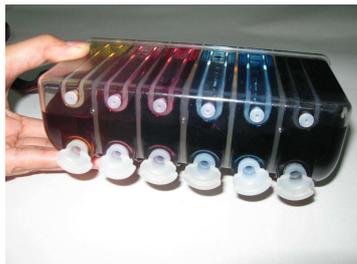


Fig.2-2



Fig.2-3



Fig.2-4

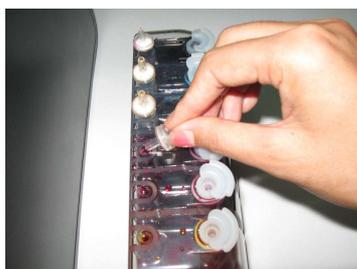


Fig.2-5



Fig.2-6

#### 3. Cartridge Installation

- a. Unplug the printer power.
- b. Open the cartridge carrier cover ensuring that the color correspond, push the CIS cartridges all the way down in compartment just as you would do with the original cartridge (Fig.3-1&3-2)



Fig.3-1



Fig.3-2

#### 4. Tube Adjustment and Positioning

- a. Place the tubing line with 45° degree angle as shown (Fig.4-1&4-2) , and close the cartridge carrier cover.
- b. Make sure the tubes are not twisted and are straight.
- c. Adjust tubing between cartridge compartment and tube guide to correct length; allowing enough room for the cartridge carrier to move back and forth freely(Fig. 4-3).

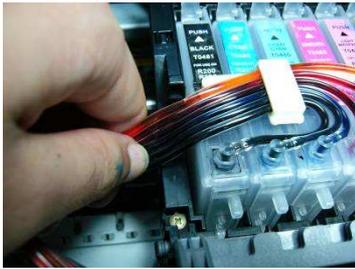


Fig 4-1



Fig 4-2

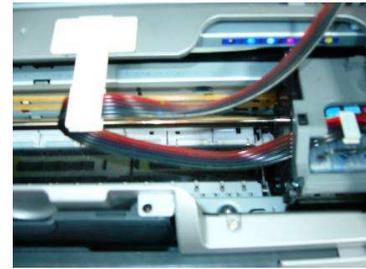


Fig 4-3

- d. Place the square adhesive pad on the right side of the printer, and please adjust the tubing line.
- e. Turn on the printer and make sure the system moves smoothly.

#### 5.Refilling Ink

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

Follow these steps:

1. Gently remove the filling hole plugs.(Fig 5-2)
2. Refill the proper color of ink into the corresponding ink tank (Fig 5-3)(use towel to wipe off any spillage).
3. Make sure you use the specially designed ink Low Foam Ink for the CI System, as they are specifically designed for optimal results.

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



Fig. 5-1



Fig. 5-2



Fig 5-3

#### 6.Attention:

1. After installing the CI System, do not remove the cartridges unless it is necessary. If cartridges are removed, immediately place cartridges upside down with ink exit holes facing up to avoid leaking. If cartridges are removed for more than an hour, please cover ink exit holes with tape.
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 the specially designed ink Low Foam Ink in the CIS for optimal results.

#### 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.

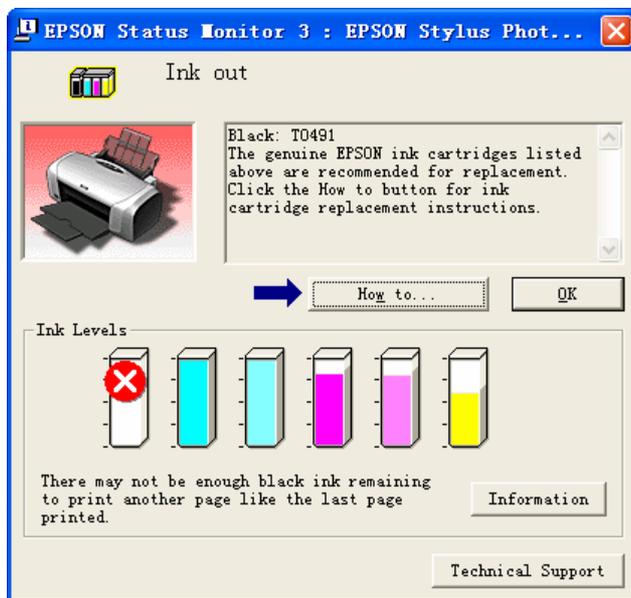


Fig.8-1

### 8. To reset the chips :

When you get the Fig 8-1 during your printing ,you need to reset the chips.

1. Click the “How to” button ,you will get next figure with “Ink Replacement Utility”,click “Next” to continue.
2. Then you will see the third figure ,click “OK” Key to continue .
3. The fourth figure shows “Open the printer cover”,but you do not need to do that ,just click “next” to continue.
4. The fifth figure tells to “Open the cartridge cover” ,but you do not need to do that ,just click “next” to continue.
5. The sixth figure tells to “Remove the replacement ink cartridge from its package” ,just click “OK” to continue.
6. The last figure tells “Ink Charging is complete”,click on “finish”,then the chip is reset.

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

<b>Troubleshooting tips</b>	
Problem	Suggestion
1 If the ink tank is full of ink ,computer shows a message that the cartridges are empty. The printer keeps track of how much ink is being used and thinks that the cartridge should be empty, so you will have to reset the cartridges chips.	method 1: Follow the step 8. method 2: Turn off the printer for 1 minute and turn it back on.
2 Banding or white lines in my print outs.	There is air in the system or cartridges. Try running a couple of cleaning cycles. If white lines continue, use the provided syringe to suck the air out of the bottom of the trouble cartridge and you can add the ink that fills the syringe back into the top of the CI system.(Make sure to thoroughly rinse the syringe when completed.)
3 When I have completed a printing job the ink is siphoning backwards down the tubing.	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 printer. If the air breathers are covered with dried ink, you can rinse the air breather and dry thoroughly to regain use.
4 The tubing is getting caught inside the printer resulting in an error message “paper loading error” .	If the tubing is not adjusted correctly, if it’s too short or too long causing it to slap the inside of the printer, Please adjust.
5 After refilling the tanks the printer won’t print.	If the ink is added into the system too quickly then it allows air to enter the system. Use the provided syringe to extract ink and air from the bottom of the cartridges. The ink that fills the syringe can be slowly added back into the top of the ink tank.
6 After installing the CI system,the printer does not recognize some of the cartridges.	Remove the cartridges, turn off the printer and reinstall the cartridges. Then you can continue printing.
If you are still unable to fix the problem call your dealer for support.	