

## **CONTINUOUS INK SUPPLY SYSTEM INSTALLATION INSTRUCTION FOR EPSON Artisan 730 800 810 835 837 printer**

### **CAUTION!!!**

**Always keep the ink reservoirs at the same level as the printer. Failure to do so may interrupt the flow of ink to the cartridges in the printer. ELEVATING THE RESERVOIRS ABOVE THE LEVEL OF THE CARTRIDGES IN THE COMPUTER MAY FLOOD THE UNIT WITH INK.**

**DO NOT REMOVE THE OLD CARTRIDGES FROM YOUR PRINTER UNTIL YOU HAVE PREPARED TO INSERT THE CISS CARTRIDGES INTO THE PRINTER. Leaving the cartridge units out of the printer for an extended period of time will cause the print head to dry out and result in malfunctions. If the printer has been sitting with no cartridges installed you may be able to clean the print head. See instructions below.**

Please check your package now to be sure you received the following:

1. Reservoir-supply tubes-cartridge assembly
2. Six reservoir air filters (Not for XPRO series CISS)
3. One switch jumper
4. One supply tube clip
5. 2 syringes
6. One pair of latex gloves

### **Printer Testing**

Before beginning, be sure your printer is operating properly with the original cartridges, and be sure the printer is clean and properly adjusted. If the printer isn't printing properly, follow the printer instructions to clean and test the printer.

### **Prepare the CISS assembly:**

1. Check to be sure there is no air in the tubes from the reservoirs to the cartridges. If air is present, you will need to **PRIME** the system. Put on latex gloves and proceed as follows:
  - a. At the cartridge end, remove the silicone plug found near the cartridge clip, for the tube with air present.
  - b. Insert one of the syringes snugly into the cartridge.
  - c. Remove the air vent plug on the reservoir for the tube being purged.
  - d. Draw ink into the syringe until all the air is pulled into the syringe.
  - e. Put the plug back into the air vent on the reservoir.
  - f. Elevate the cartridge end slightly, but not higher than the reservoir.
  - g. Remove the syringe from the cartridge and insert the silicone plug to keep air from re-entering the tube.
  - h. Repeat this process for each tube with air present.

For how to prime the CISS, please go to our website: <http://www.inkxpro.com>

Click "Knowledge Base" on the left side of the manual, then go to "HOW TO'S", you will find some videos which show you how to prime the CISS.

[CLICK HERE FOR HOW TO PRIME CISS VIDEO](#)

2. DO NOT REMOVE THE CLEAR TAPE ON THE BOTTOM OF THE INK CARTRIDGES! They will be punctured when inserted into the printer.

## Prepare the Printer:

Note: For many printer models you may be able to just leave the printer cover slightly open. As long as the supply tubes are not pinched, you may route them in several ways. If you need to modify your printer we suggest the following:

1. Open the printer cover and note the thin lip on the bottom of it in the cartridge area.
2. Removing an area wide enough to accommodate the ink supply tube will the lid close almost completely. Using a file or small grinder is fine BUT be sure to cover the interior of the printer with plastic or paper to keep debris out of the printer. You can also use pliers or a nibbling tool to create the opening.
3. Do be sure that there are no sharp edges remaining which might damage the tubes.



## Install the CISS:

1. Insert the cartridge assembly into the printer, pressing down firmly on each cartridge until an audible click is heard.
2. GENTLY press the tab on each cartridge forward to seat the chip in the printer.
3. Insert the switch jumper into the rectangular hole just behind the cartridges to signal the printer the cover is closed. **This isn't necessary if you can close the cover all the way without pinching the supply tubes.**
4. If the printer does not recognize the cartridges, remove the jumper switch, press firmly on each cartridge to be it is seated properly, then reinsert the jumper switch and close the lid to reset the cartridge ink level.



5. Unplug the small color plugs on the top of the ink reservoir to provide air flow to the system.
6. Attach the air filters on the air hole. (Not required for XPRO series CISS)



**REMEMBER: THE INK RESERVOIR SHOULD REMAIN AT THE SAME LEVEL AS THE PRINTER!!!**

#### Check Operation:

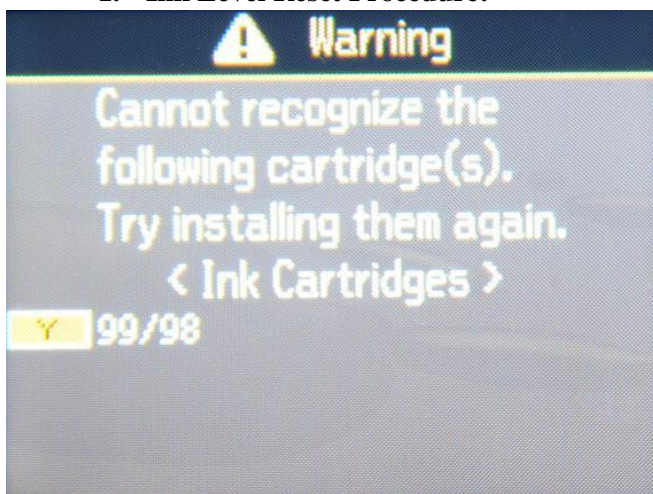
1. Check the print head by running a nozzle check. See printer manual for instructions.
2. If the nozzle check shows line breaks, it is possibly that small traces of air entered the system during installation. Please clean the print head according to the instructions in the manual.
3. If there are still small breaks in the nozzle pattern, let the printer sit idle for about an hour and run another test. This will most likely resolve the problem.
4. If you note bubbles in the tubes after installing the system correctly, clean the print head 1-3 times (no more than that or you may flood your printer!) If there are still small bubbles in the tubes, just wait a few hours and clean the head one more time. That should remove all air from the system.

Note: From time to time a bubble may appear in a tube. As long as the print quality is good, there is no cause for concern. Most will be purged from the system during printing.





### 1. Ink Level Reset Procedure:



If the indicator light show flashing or the printer give you the “warning” message showed above when printing, it tells you that you need to reset the cartridge.

- Open the printer lid:
- Remove the lid switch rubber.( if installed)
- Remove the cartridges then re-install it. (Squeeze the cartridge reset button for 5 seconds for combo chips)
- Reinstall the top lid switch rubber.
- Close the printer lid.

This process will reset the cartridge ink level.

Refilling the ink Reservoirs:

You can order ink refills here:

<http://www.inkxpro.com/Epson-Claria-Hi-Definition-Ink-p/ink-epson-hi-definition-dye.htm>

Open the refill plugs on the top of the ink reservoirs.

Insert the ink bottle tip into the CISS refill hole, then squeeze the ink bottle to fill ink.

1. Once you have installed the system, **do not remove it unnecessarily.**
2. Keep at least ½ inch of ink in the reservoirs to avoid drawing air into the system.
3. Keep the reservoirs on the same level as the printer.
4. Proper operation requires the printer and CISS to be kept in an environment of 60-95 degrees Fahrenheit, and out of direct sunlight.