

Ink Fill and Use Instructions for the Continuous Ink System (CIS) for the Epson Artisan 1430 Series Printer

Please read and follow the instructions below carefully to ensure proper setup and avoid problems.

Before beginning, make sure you have ALL of the following items (in addition to the CIS unit and ink bottles you plan to install): A clean work station, rubber gloves, syringes, funnels, paper towels, Windex or Simple Green (in case of an ink spill), and patience. The CIS includes all the items shown in the photo below.



- 1) **Confirm all nozzles print perfectly with Epson ink then remove cartridges from printer.** If not all nozzles print fully or correctly with Epson ink, cleaning will be needed to get the print head in good working order before installing any third party ink. If you have trouble getting a full nozzle check to print, please follow our manual cleaning` procedures on the Inkjetmall support forum.
- 2) **Carefully unpack your CIS** and unwrap the ink lines without stressing or damaging the tubing or connections. **DON'T THROW AWAY THE CIS BOX.** Visually check the ink tubes and connections under the ink bottles and top of the cartridges to make sure everything is tight and nothing is damaged.

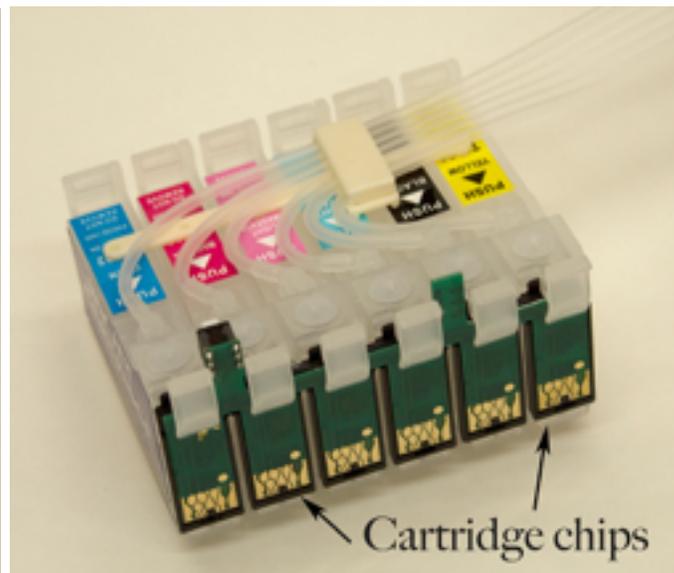
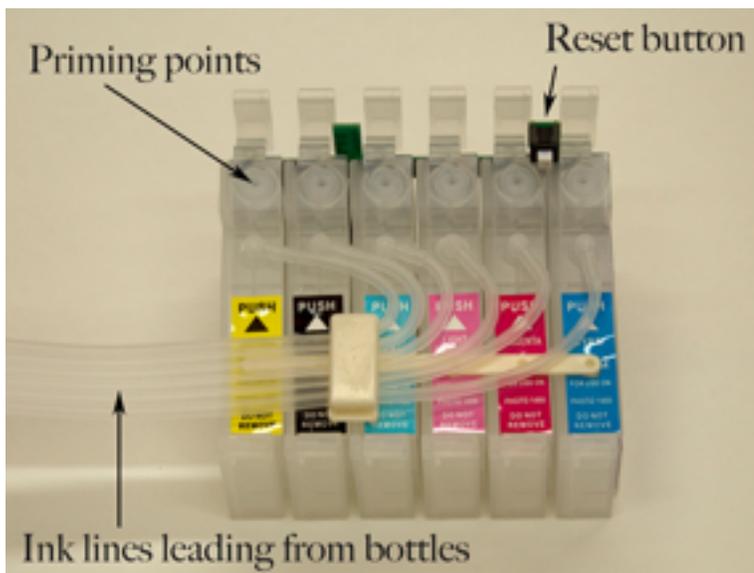
3) **Fill CIS tanks with ink** one at a time by removing the large fill hole plug, then insert a funnel and pour in the correct ink. Keep the ink level between ½” from the top and 1” from the bottom of the tank to avoid ink flow problems. It’s **very** important that CIS tanks are filled with the correct color or Piezography ink shade. Tanks are labeled with specific color positions, and a Piezography chart is included below. After filling the ink tank, replug the fill hole before moving onto the next tank. Fill all the tanks with ink.



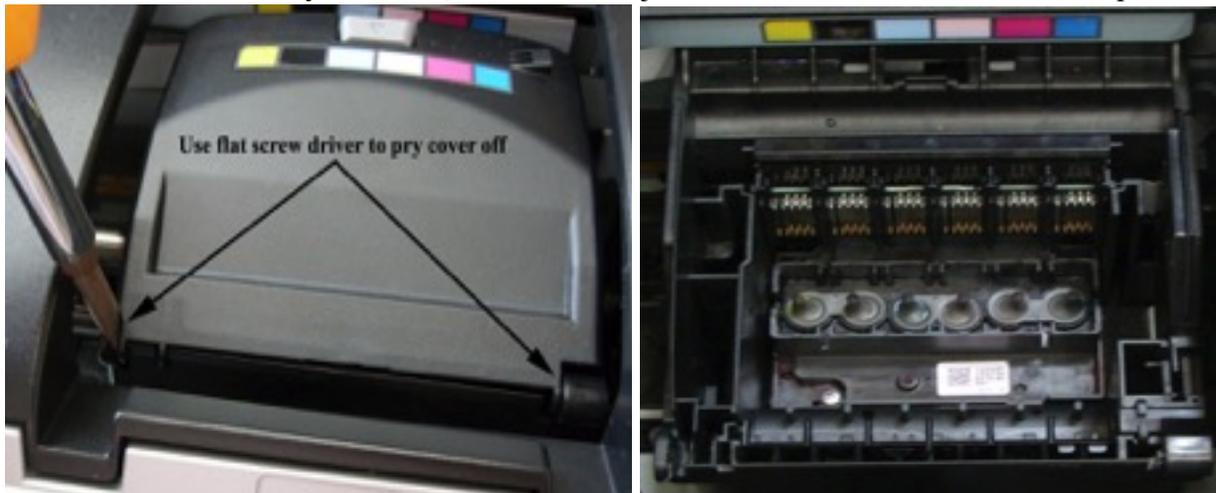
If using Piezography K6 ink: Follow the chart below to install the six different shades of Piezography into the correct position in your CIS and printer. Note: shade 1 is the darkest (black) and shade 6 is the lightest.

Ink Cartridge Designation	Piezography K6 Ink Shade Number Used in This Slot
Black	#1
Cyan	#2
Light Cyan	#3
Magenta	#4
Light Magenta	#5
Yellow	#6

4) **Prime CIS ink lines and carts using syringes.** Open the small air vent plug on top of the first ink tank, then remove the clear silicone plug from the corresponding cartridge. Gently insert the syringe tip into the open prime point, making sure to not damage the green chip board or reset button, then pull the syringe plunger to draw ink through the line and cart, until about 5ml of ink enters the syringe. Remove the syringe, then reseal the cartridge prime point and tank air vent. Ink in the syringe can be injected back into the CIS tank through the large fill hole (make sure to put ink back into the correct tank, to avoid ink mixing/contamination). The photos below show a CIS being primed with PiezoFlush cleaning/storage solution.

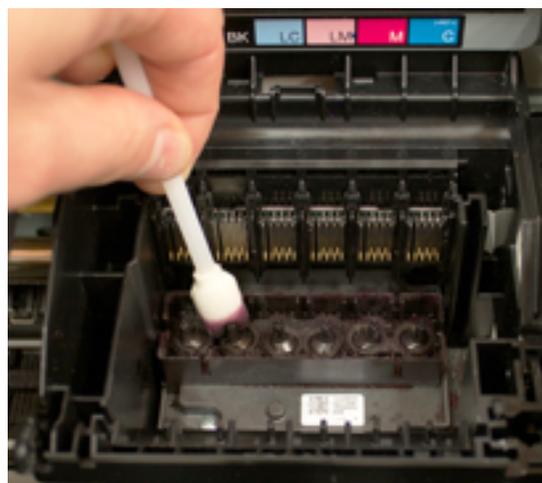


- 5) **Push ink button on printer to move head into ink change position, then UNPLUG printer from power.**
- 6) **Remove carriage lid and cartridges from printer.** Use a flat screw driver to pry off lid at the hinge points. One of the tabs may break off, which is fine- just make sure it doesn't fall into the printer!



- 7) **Clean points in print head.** Using Q-tips or foam tip swabs and PiezoFlush or warm distilled water, gently wipe each point in a circular motion with a slightly damp swab, then absorb any liquid using dry swabs.

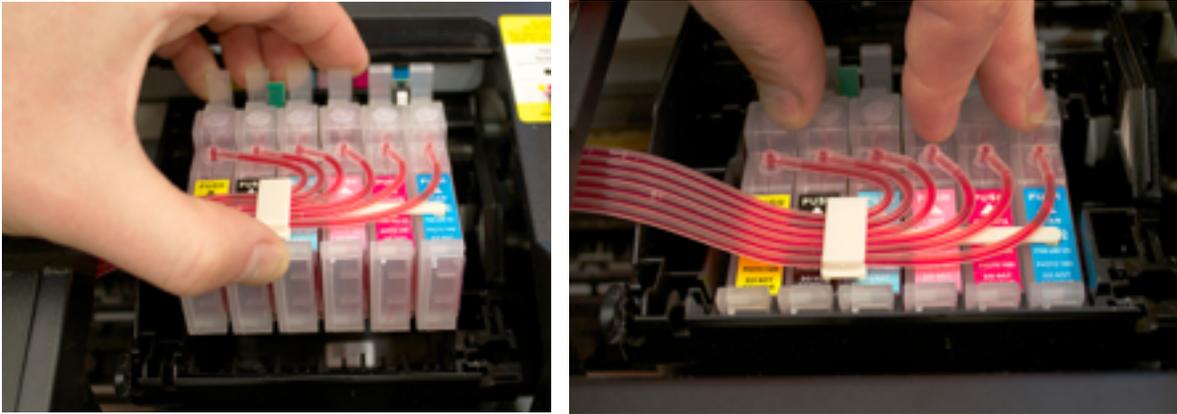
* This is to ensure clean installation of the CIS carts and avoid color staining if using Piezography inks.



- 8) **Gently move cartridge carriage to the left, then slide CIS carts and tubes under bar.**
 * Take care to not damage parts inside the printer, such as the ribbon cable or encoder strip.

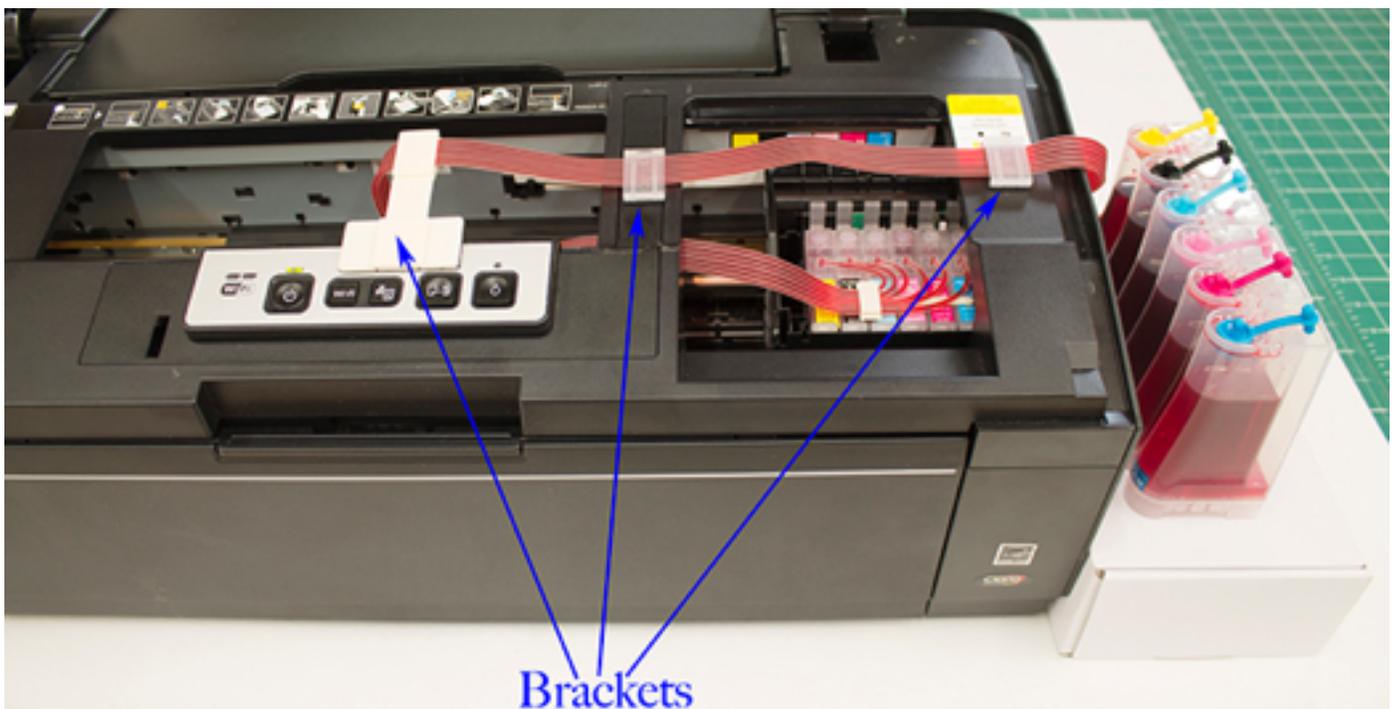


- 9) **Install CIS cartridges into the print head.** The set of six cartridges are connected in order, and must remain together for proper function. Push the set of cartridges so they snap snugly into place.



- 10) **Install tube brackets on printer.** Place tubes flat from carts to tanks, using brackets to hold in place as shown below. Allow only enough slack in the ink tubes so the print head can move to the far left side of the printer without slack or tension in the tubes- having too much or not enough slack in the tubes will make the tubes not move and bend correctly.
(NOTE: Other parts in plastic bag with brackets aren't needed, and can be discarded).

* **Place ink tanks on the right side of the printer ON the CIS box-** if tanks are higher or lower than the level of the print head, ink flow won't be correct.



* **OPEN air vent plugs on all ink tanks when using the printer, and ALWAYS CLOSE when printer is not in use for proper ink flow.**

* *Use the provided foam tip swab (or something similar) to prop the printer cover open, so the ink lines have room to bend while printing*



11) *Perform 2-3 Clean Cycles* to purge Epson ink and fill printer with ConeColor ink or PiezoFlush, or 4-5 Clean Cycles when switching from color to Piezography ink to eliminate color staining in your B&W prints. Print a nozzle check prior to printing images to make sure all nozzles are fully printing and color is correct.

Reset cartridges when read empty

When cartridge(s) read empty and the printer tells you to replace a cartridge (steady red ink change light), simply push the ink change button, which will move the head to the ink change position. Push and hold the white reset button connected to the CIS cartridge chips for a few seconds, then push the ink button a second time to move the head back to the “ready” position. The cartridge chip(s) will now read full of ink.



Refill CIS ink tanks

Keep an eye on ink tanks and refill any when levels get about 1" from the bottom.

With small air vent plugged, open large fill plug and insert a funnel, then pour in the correct ink that corresponds to the ink tank position. Always shake ink bottles before filling or refilling tanks to ensure consistent results. Fill up to about 1/2" from the top, then remove funnel and reinsert fill hole plug.

*** Always OPEN small air vent plugs on ALL ink tanks before using the printer.**

*** Always CLOSE small air vent plugs when NOT using the printer.**

****HELPFUL INFORMATION & TROUBLESHOOTING****

- If all ink lights are illuminated on printer after installing CIS carts, this means carts aren't fully installed for proper connection between chips and sensors. Push the ink button to move head to ink change position, then remove set of carts by opening all six locking tabs, and gently lifting set of carts straight up (always make sure both plugs are sealed on ink tanks before removing CIS carts from printer). Reinstall by pushing straight down so carts lock into place, then push ink button again to move cartridge carriage to the right/ready position. Ink lights will go out when carts are correctly installed.
- Pigment ink settles if not regularly agitated. For consistent results, gently shake ink tanks every 1-2 weeks to keep pigment in solution. If the printer is not used for two weeks or more, gently shake all the ink bottles then do 2-3 cleaning cycles. This will purge settled ink from the CIS lines and fill with ink from the shaken tanks.
- Use your printer on a regular basis for best function. To keep ink moving thru the lines and head moist, print a small image or do a few cleaning cycles every week if the printer is not used regularly. It is NOT recommended to leave pigment ink installed in a printer that will not be used for several months at a time- instead, please follow our printer cleaning and storage instructions on the Inkjetmall support forum.
- Monitor and maintain humidity levels between 40-50% in the printing area for the best results. Both low or high humidity levels can cause problems with the printer, ink and paper.

INSTRUCTIONS AND TECHNICAL SUPPORT POLICY

We provide free technical support for our products provided that you have read the instructions. It is your responsibility to read the instructions for your product. We urge you to read these instructions ahead of time and we provide them in the instructions tab of those of our products which require careful attention. You can read these instructions by either viewing or printing the pdf and web pages that we provide in the Instructions Tab of an item. Although we ship our items with instructions or a link to the latest instructions, please take the time to make sure that you have and are familiar with the instructions before you apply for technical support.

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All defective merchandise not manufactured by InkjetMall is warranted by the manufacturer, not by InkjetMall. Returns are subject to approval by the manufacturer. Shipping charges on defective merchandise are not refundable!!

If you believe your merchandise was defectively manufactured, please call our Customer Service department. Some items may require technical support to ascertain if you are using them correctly or if you are using them with incompatible products. If it is determined that the merchandise is defective, you will be issued an RMA#. The customer must call customer service to return the product and we issue an RMA number to the customer and we advise the customer as follows: All returned items are subject to inspection for use and damage before credit is issued. You may incur additional charges if product is returned in damaged condition. When returning your order to the address listed on the packing list, which came with the original shipment, please be sure to return all items that came with the order so that you will receive proper credit. When shipping the order back to us via UPS, DHL or FedEx please be sure to obtain a tracking number and insure the package in case it is lost in transit! The tracking number will allow you trace the package in case it is lost and will permit you to file a claim with UPS, DHL or FedEx. If you ship the order back to us via the Post Office, be sure to request Delivery Confirmation and insure the package.

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InkjetMall will only accept authorized returns.

All returns must have a Return Merchandise Authorization (RMA) number.

RMA numbers are only available through Customer Service.

Please call 888-426-6323 to receive an RMA number.

No returns will be accepted without an RMA# on the box or label.

InkjetMall will refund the full amount of the merchandise less a 15% restocking fee on unopened, sealed merchandise only, returned within 15 days of receipt.

Shipping costs will be the responsibility of the customer.

No credit will be given until the merchandise has been returned.

Credits will be processed within 7-10 business days from date of receipt.

Returns must be made to the address given by your support representative.