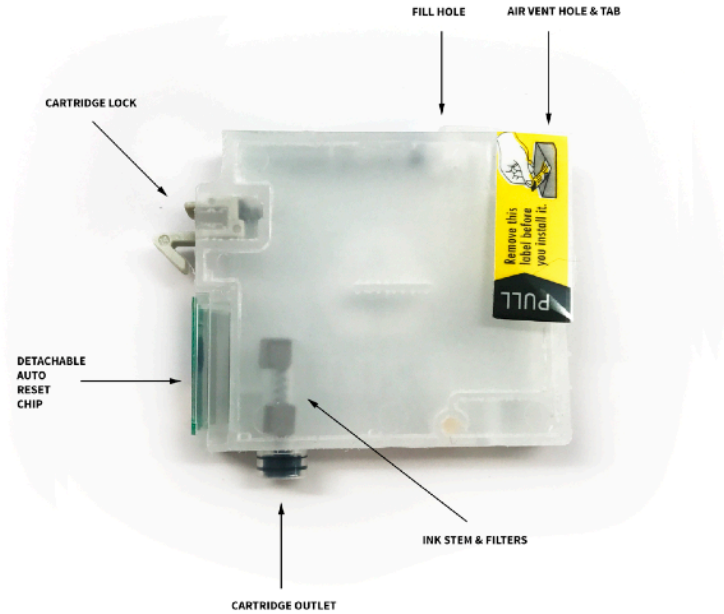
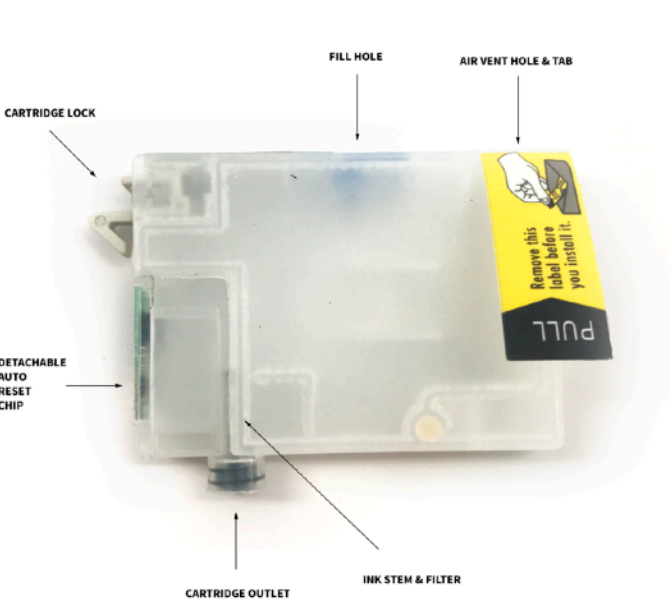


Refillable Cartridge Instructions for Epson 1400/1430, R1900, R2000 & R2880 & P400

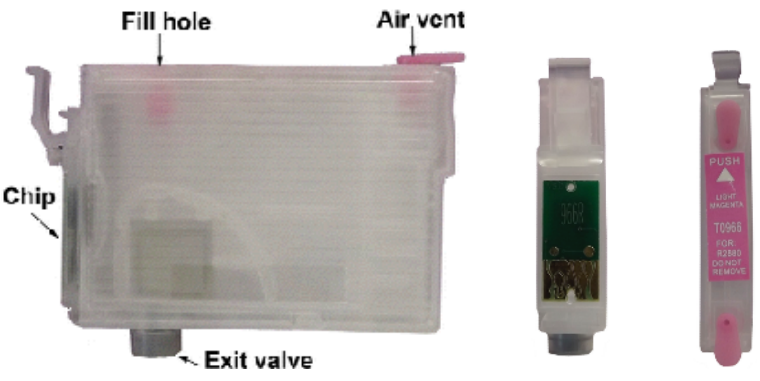
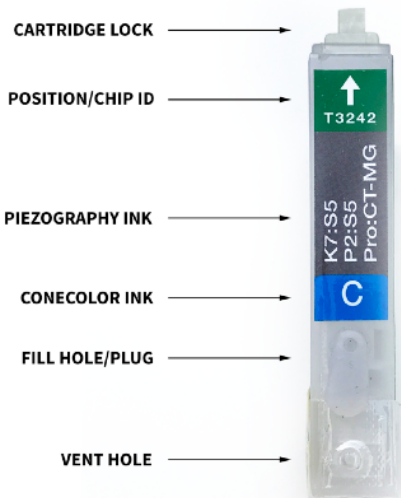
NEW 1400/1430/R2880 Cartridges

NEW P400/R2000 Cartridges



TOP VIEW OF NEW CARTS

R1900 & OLDER STYLE CARTS



The instructions below describe how to fill and use refillable cartridges, in general terms. Color managed work flows are not discussed here, nor are instructions for using Piezography inks. Filling and using these cartridges is easy, provided you are prepared before you begin and follow the instructions below. Additional ink bottles are available from www.inkjetmall.com. For further information on ConeColor inks, visit www.conecolor.com, or Piezography visit www.piezography.com. Printer specific info for Piezography ink shade placement is located on page 2 of these instructions, please refer to it before filling the cartridges with ink.

***Inspect cartridges for damage and make sure chips are secured flat to carts before filling with ink.**

***Test your printer with Epson carts to make sure it works perfectly before installing any third party inks/carts, even if using a brand new printer.**

Piezography ink users: Clean color ink off points in print head. Using Q-tips and PiezoFlush or distilled water, carefully wipe each point in a circular motion with a moist Q-tip, then absorb remaining liquid using dry Q-tips (see photo above). This is to avoid color staining in your B&W cartridges and prints.



Filling Procedure:

1. Place empty cartridges, ink bottles and syringes on a work surface. Choose filling area and clothes you wear carefully, as accidents can happen, and pigment ink is permanent. Have glass cleaner and paper towels handy in case ink is spilled, and wear rubber gloves when working with ink.
2. Select the correct bottle of ink for the cartridge, and shake it gently. Unscrew the cap, and remove the silicone plug or cut around the foil seal to open the bottle.
3. Fill a syringe with 15ml of ink using a blunt needle to draw ink out of bottle. **Make sure to fill each cartridge with the correct ink;** if mis-filled with the wrong ink, cartridges can not be cleaned and must be replaced.
4. Remove fill hole plug from top of cartridge. *Keep the air vent tab (or plug) in!*
5. Leaving needle attached to syringe, insert needle into cartridge fill hole. Hold cartridge at an angle with fill hole up then gently push syringe plunger to slowly refill cartridge with ink. Tap side of cartridge with your knuckle to release trapped air and allow ink to settle, then continue filling.
6. Once cartridge is filled with ink, remove needle from cartridge and insert rubber plug securely back into the fill hole. For accurate ink level tracking, cartridges must be totally filled (a small air bubble is ok, but too much air can cause the cart to empty before the printer gives warning).
7. Gently tap filled cartridge a few times exit valve (cartridge outlet) down on a folded paper towel to force air up and ink down. **Remove air vent plug/tab from the cartridge, making sure vent hole is fully OPEN.** Do not remove top or side labels.
8. Install cartridges into printer (make sure they snap firmly in place for proper instillation), wait 10-15 minutes to allow ink to settle, then run 1-3 cleaning cycles and print a nozzle check to verify all positions are fully printing. Now you are ready to print! Syringes and needles can be rinsed out with water, air dried and reused many times.
9. *If you notice that one or two ink channels are clogging when you have put brand-new (NEW) cartridges into your printer, you will need to take those cartridges out and prime them with the optional priming tip that comes with your kit. This tip can be rinsed out between uses.*
 - a. *Put your priming tip on one of the syringes that came with your cartridge kit. These tips simply fit directly over the end of the syringe.*
 - b. *Push the syringe (with priming tip) into the cartridge outlet and suck just a tiny bit of ink out (about 1mL will do).*
 - c. *This action will get rid of any air that is locking the ink from entering your printer's head.*
 - d. *Do 1 or 2 standard cleanings on your printer. Let the printer sit a few minutes between cleanings. At this point you should see all nozzles working!*
 - e. *You never have to prime your cartridge again. This is only done as an optional procedure the first time you use a brand-new cart.*

Refilling Procedure:

Keep track of the ink level and do not allow cartridges to run dry. When a cartridge is empty and needs to be refilled, check the other carts and refill any others that are also low if you wish (but only the one that read empty will reset the ink level after being reinserted into the printer, unless a chip resetter is used to manually reset the ink level). Gently shake ink bottles to ensure pigment is in suspension before filling or refilling carts. **Always make sure carts are filled and refilled with the correct ink- if carts are mis-filled with the wrong ink, they can not be cleaned and corrected- in this case you must use new carts.**

These cartridges can be refilled & reused MANY times, though for best results we recommend replacing after about a year of use.

1. Have ink, blunt needles and syringes ready on a workspace before removing carts from printer to refill.
2. Remove colored plug from cartridge fill hole and leave air vent hole OPEN. Draw 15ml ink into the syringe. Leaving needle attached to syringe, insert needle tip into cartridge fill hole. Hold cartridge at an angle with fill hole up then gently push syringe plunger to slowly refill cartridge with ink. Tap side of cartridge with your knuckle to release trapped air and allow ink to settle then continue filling.

- Once cartridge is refilled with ink, remove needle and reinsert fill hole plug, then tap cart exit valve down on a folded paper towel a few times and reinstall into pinter. After installing refilled carts into the printer, wait 10-15 minutes for ink to settle. Always print a nozzle check after refilling carts before printing images.

How to Reset Ink Levels:

These refillable cartridges use Auto Reset Chips, which are designed to reset the ink level when a cartridge reads empty in the printer, is removed, refilled with ink then reinstalled in the printer. Upon re-installation, the chip will reset to read full again. **NOTE: Ink level will ONLY reset when the ink out light appears on the printer. Only the cartridge that reads empty will reset so that less than full cartridges will not be mistakenly reset to read full, which could cause a cartridge to run dry.** If you wish to refill and reset all carts at once, a chip resetter can be used to manually reset ink levels to read full. The 1400, 1430, R1900 and R2880 refillable cartridges use the same chip resetter, available thru Inkjetmall.

Piezography Ink Users:

The tables below apply to Piezography ink, make sure to follow the shade placement chart for the specific setup you're using. Shade 1 is the

Cartridge Position (Left to right)	1) Piezography K6 Matte*	2) Piezography PiezoDN**
Yellow	Shade #6	Shade #6
Black	Matte Black Shade #1	Photo Black Shade #1
Light Cyan	Shade #3	Shade #3
Light Magenta	Shade #5	Shade #5
Magenta	Shade #4	Shade #4
Cyan	Shade #2	Shade #2
NOTES	* Use 1400/1430 K6 curves	** Use 1400/1430 PiezoDN curves

Cartridge Position (Left to right)	1) Piezography K7*	2) Piezography PRO**
Yellow	Shade #7	Warm: Light
Magenta	Shade #6	Warm: Medium
Matte Black	Shade #2	Cool: Dark
Red	Shade #3	Warm: Dark
Orange	Shade #4	Cool: Light
Photo Black	Shade #1 (Matte or Photo Black)	HD Matte or HD Photo Black
Gloss Overprint	Gloss Overprint (for gloss printing) PiezoFlush (if NOT printing gloss)	Gloss Chroma Overprint (for gloss and DN printing)
Cyan	Shade #5	Cool: Medium
NOTES	* Change black ink for matte or gloss printing. Use "K7" curves	** Warm and cool split-tone, change black ink for matte or gloss printing. Use "PRO" curves

Cartridge Position (Left to right)	1) Piezography K7*	2) Piezography P2**	3) Piezography PRO***
Light Light Black	Gloss Overprint (for gloss printing) PiezoFlush (if NOT printing gloss)	Gloss Overprint (for gloss or DN printing)	Gloss Chroma Overprint (for gloss or DN printing)
Light Magenta	Shade #5	Shade #5	Warm: Medium
Light Cyan	Shade #3	Shade #3	Cool: Medium
Light Black	Shade #6	Shade #6	Cool: Light
Black	Shade #1 (Matte or Photo Black)	Shade #1 (Matte Black)	HD Matte or HD Photo Black
Cyan	Shade #2	Shade #2	Cool: Dark
Magenta	Shade #4	Shade #4	Warm: Dark
Yellow	Shade #7	Shade #1 (Photo Black)	Warm: Light
NOTES	* Change black ink for matte or gloss printing. Can print digital negatives. Use "K7" curves	** NO need to change black ink, can also print digital negatives. Use "P2" curves	*** Warm and cool split-tone, change black ink for matte or gloss printing, can also print digital negatives. Use "PRO" curves

darkest (black) and Shade 7 is the lightest. For easy refilling (and to avoid accidental mis-filling carts with the wrong ink), we recommend writing the ink and shade # on the side of each cartridge, following the chart below.

1400/1430 Ink Positions
R1900, R2000, P400 Ink Positions
2880 Ink Positions

Note: For Piezography gloss printing, Photo Black, Gloss Overprint, and glossy curves must be used. Contact Inkjetmall for more

information or to have a custom Piezography curve made.

*Before attempting to print with Piezography inks, be sure to read the Piezography manual, located at www.Piezography.com, along with other helpful documents related to Piezography printing.

Troubleshooting & Helpful Information

- * **Use the printer on a regular basis for best function.** To keep the ink moving thru the cartridges and head moist, print a small image or do a cleaning cycle at least once a week if the printer is not used regularly. It is NOT good to leave pigment ink installed in a printer that will not be used for an extended time- its best to install flush carts and flush ink for safe storage if your printer will sit unused for a month or more (see below for additional information on flushing and storing your printer).
- * **Long term storage of printer:** We do not recommend letting a printer sit unused with pigment inks installed. If you do not plan to use a printer for an extended period of time, it is best to remove ink cartridges, install a set of flush cartridges and flush ink from the print head by doing 3-4 cleaning cycles, before turning it off for safe storage. Store unused cartridges upright in a sealed plastic bag to avoid drying.
- * When carts are not being used (in or out of the printer), we recommend sealing air vent holes with plugs or electrical tape to keep carts moist and prevent drying. Make sure air vent holes are OPEN before printing for proper ink flow.
- * For the best results, monitor and maintain humidity levels between 40-60% in the printing area (this is based on Epson's recommendation). Both low and high humidity can cause problems with the printer, ink and paper.

Question: My printer does not recognize the cartridges.

Answer: Please compare numbers on the refill cartridges and the Epson OEM carts to make sure they match. If any of your refill cartridge numbers don't match OEM numbers, please send pictures to show us the whole set of cartridges with chip numbers. If the cartridge numbers DO match OEM, please remove the whole set of carts and disconnect the printer power and USB/Cables. Leave the printer off for at least 30 minutes then plug the printer's power cord back in, turn the printer on and re-insert the whole set of refillable carts. You can reconnect the printer USB/Cable after your printer recognizes the refillable carts.

Question: I have filled the cartridges with ink but no ink comes out when I try to print.

Answer: Make sure air vent tabs are fully removed and air vent holes open, then gently tap cartridges a few times exit valve down on a folded paper towel to release any air that may be restricting ink flow. Reinstall cartridges snugly into the printer's cartridge carriage, then do 1-2 cleaning cycles and print a nozzle check. If there are still missing nozzles, wait about 15 minutes then do another cleaning cycle and print a nozzle check.

Question: When I print there are lines on the paper.

Answer: Lines on the paper are often caused by missing or mis-firing nozzles (called "banding"), but mis-alignment can also cause lines in the print. Print a nozzle check to make sure all positions are fully and correctly printing. If there are missing or mis-firing nozzles, make sure the air vent tab is fully removed and air vent hole open, then gently tap cartridges a few times, exit valve down on a folded paper towel to force the ink down and release any air that may be restricting ink flow. Reinstall the cartridges snugly into the printer's cartridge carriage for a tight seal then do 1-2 cleaning cycles before printing another nozzle check. If all nozzles are printing and in the correct positions (not mis-firing), then align the printer to the paper thickness you are printing on.

**** If you continue having problems or have additional questions, please refer to our InkjetMall Support Forum, which contains lots of helpful information in the Articles section, as well as previously asked/answered threads to read. You can post a new question to contact us for support if you're unable to find the answer you need.**

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.

RETURN POLICIES

Although we value you as our customer, we cannot accept returns on opened merchandise because you tried it and didn't like it or because you ordered the wrong thing and didn't notice before you opened it. Please read the product information on our web site carefully and be sure you are ordering the product you want; check again before opening. InkjetMall will accept authorized returns on unopened merchandise for 15 days from receipt for a full refund on the merchandise only, less a 15% restocking fee. Returned merchandise must be in salable condition in its original packaging. Authorized returns must be received within 15 days of an RMA being issued and will not be accepted after that. 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: 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. The customer is responsible for the return shipping cost and the order Shipping and Handling is not refundable.

DEFECTIVE MERCHANDISE AND WARRANTIES POLICY

For any merchandise that was manufactured by and purchased directly from InkjetMall, which is defective in workmanship or material and for which you make a claim within thirty (30) days after receipt of the merchandise, we will elect to either repair, replace, or refund the purchase price. When making such a claim, you must submit both the original packing slip and the defective merchandise itself, unless these conditions are waived by us in writing. This paragraph constitutes our sole obligation as to the merchandise, and you acknowledge that this paragraph sets forth your exclusive remedy for any breach of warranty or other duty related to the merchandise or quality thereof. Any refund for merchandise shall not include shipping and handling or replacement fees.

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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EXCEPT AS EXPRESSLY PROVIDED IN THIS AGREEMENT, WE MAKE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR ARISING BY CUSTOM OR TRADE USAGE AND, SPECIFICALLY, MAKE NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTIES, CONDITIONS, REPRESENTATIONS, INDEMNITIES AND GUARANTEES WITH RESPECT TO THE MERCHANDISE ARE HEREBY SUPERSEDED, EXCLUDED AND DISCLAIMED. THE EXPRESS WARRANTY CONTAINED IN PARAGRAPH 1 HEREIN CONSTITUTES THE SOLE AND EXCLUSIVE WARRANTY MADE BY US AND IS IN LIEU OF ALL OTHER WARRANTIES. IN NO EVENT SHALL WE BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, SPECIAL, PUNITIVE OR INCIDENTAL DAMAGES OR LOST PROFITS, EVEN IF WE WERE ADVISED OF THE POSSIBILITY OF THE SAME IN ADVANCE. OUR AGGREGATE LIABILITY IN ANY EVENT IS LIMITED TO THE AMOUNT ACTUALLY PAID BY YOU.

RETURN PROCEDURES:

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.