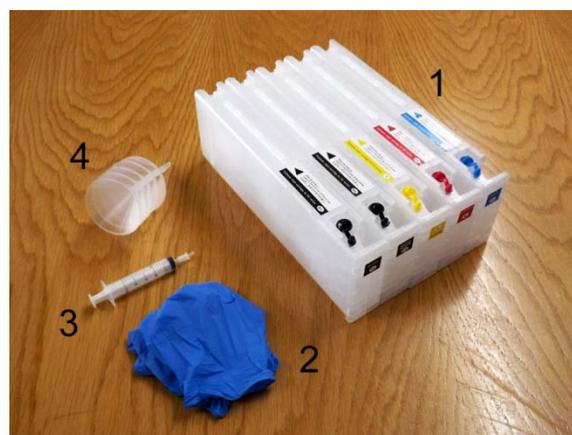Thank you for purchasing an Ink2image refillable cartridge system. You have just taken the first step to enjoying the cost saving and superior performance benefits of using Ink2image bulk ink. Ink2image refillable cartridge systems are simple to install, easy to use, and will provide you with many hours of trouble free and lower cost printing. However, the successful use of the system is dependent on how accurately you follow this guide during installation. Please read these instructions and familiarize yourself with the system components before you start the installation. Please also remember that you are now about to start working with bulk ink instead of sealed cartridges. During installation, protect the area around your printer in case of ink spillage and wear the disposable gloves included with the kit. Have a roll of paper towel handy. Remember, accidents can happen!

**SYSTEM COMPONENTS**

1. Refillable Cartridges (5).
2. Disposable gloves.
3. Priming syringe with end adaptor.
4. Filling funnels (5).



## STEP 1

Before starting the installation, print a good nozzle check print using the existing inks installed on your printer. Write the date on the print and keep it. No warranty claim regarding the bulk ink feed system will be accepted unless it is supported by a good nozzle check print produced before the system was installed. The utility for producing a nozzle check print can be found under the 'Maintenance' or 'Utilities' tab of the Epson print driver software supplied with your printer.
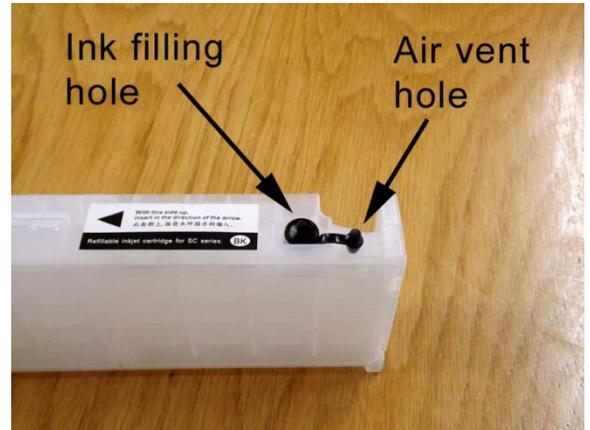
## STEP 2

If you are currently using original Epson Ultrachrome XD inks in the printer and are about to install Cave Paint Elite T Series inks in the refillable cartridges, then proceed to step 3. If you are currently using a different ink type, it is a good idea to flush out your printer before installing the system. Otherwise, you will waste a lot of time and ink purging through one ink type to another, or potentially clog your printer. Ink2image supplies Dead head cleaning fluid in bulk bottles that can be used in the refillable cartridges prior to the ink for flushing the printer, and this can be obtained from your local Ink2image supplier.

If you are in doubt about the need to flush your printer, then contact your local supplier or e-mail Ink2image at inquries@ink2image.com. Ink2image will not be held responsible for problems caused by the incompatibility of different ink types.

# STEP 3 – FILLING THE CARTRIDGES

Firstly, familiarize yourself with the two holes and the rubber bungs on top of the cartridges. The smaller hole is the air vent hole that lets air into the cartridge as ink is used up. The rubber bung **must be removed from the air vent hole when printer is being used** or ink will not be allowed to flow out of the cartridge. The only times that you should push the rubber bung into the air vent hole is when you have the cartridge out of the printer, or if you intend not to use the printer for an extended period of time – putting the bung in the air vent hole will prevent ink evaporation.

The bigger hole on the top of the cartridge is the ink filling hole and the bung should only be removed from this hole when you are filling a cartridge. The ink filling hole should have the bung pushed in during normal operation.

Fill the cartridges that you are going to install at this point. To do this, place each cartridge on a flat surface. If you are concerned about spilling ink then place a few layers of paper towel under the cartridge. Remove the bung from the ink filling hole. Hold a clean filling funnel in the filling hole, as in this picture. Before pouring ink into the cartridge, double check that you are filling the correct color cartridge with the correct ink color. Slowly poor ink into the funnel and fill the cartridge no higher than within ½" (1 cm) of the top. Remove the funnel and put the bung back into the filling hole. Wash out the funnel with water under a faucet, dry the funnel with paper towel, and store in a clean, safe place for use the next time you need to refill. Repeat the filling process with each cartridge in turn using a clean funnel for each cartridge and ensuring you fill the correct color ink into the correct color cartridge.

After you have filled the cartridges, you will need to extract a small amount of air from each refillable cartridge that gets trapped during the initial filling process before you first install the cartridge in the printer. Failure to do this will mean that this trapped air will eventually make its way to the print head and cause some nozzle drop outs during printing.

To remove this trapped air, take the priming syringe with end adaptor fitted and gently insert the syringe through the rubber seal in the ink exit valve at the front of a cartridge, as in this picture. Remove the rubber bung from the air vent hole on the top of the cartridge and gently pull on the syringe plunger until a small amount of ink is sucked into the syringe. Replace the rubber bung in the air vent hole and remove the syringe from the ink exit hole. Any ink in the syringe can be returned to the ink bottle of the appropriate color. Wash the syringe out with water under a faucet. Repeat this process with each cartridge you intend to install at this point, remembering to wash out the

syringe between colors so that no cross contamination of colors can occur. Once you have removed the air from all the cartridges, install the cartridge or cartridges into the printer just as you would with normal cartridges. **Remember to remove the rubber bung from the air vent hole on each cartridge as you install them**. The printer is now ready to be used.

If you have a brand new printer that has never used ink before and you have filled the refillable cartridges with ink, then simply install the cartridges and the machine should automatically fill itself with ink. You can then print a nozzle check print and run regular cleaning cycles until you get a good nozzle check print. You are then ready to start printing.

If you have filled the cartridges with cleaning fluid and are using them to flush the printer, then you will need to run power cleanings with the cartridges installed to purge the old ink out and fill the printer's ink system with cleaner. For a 24" wide printer, three power cleaning cycles are normally sufficient. For a 36" wide printer, four power cleaning cycles are normally needed, and five power cleanings are normally enough on a 44" wide machine. You can tell if the cleaning fluid has completely filled the printer's ink system by running a nozzle check print to see if any color remains in the print. If there is significant color showing in the print then run another power cleaning and nozzle check print. You should then leave the printer to 'soak' overnight to let the cleaning fluid dissolve any dried ink deposits. The next day, remove the refillable cartridges from the printer and pour any remaining fluid out of the refillable cartridges through the ink filling hole. Fill the cartridges with the new inks, and repeat the same number of power cleaning cycles to fill the ink system with ink until you get a good nozzle check print. You are then ready to print with the new ink.

## RUNNING POWER CLEANING CYCLES

The power cleaning menu on a T Series printer can be found under the Administrator menu using the following steps:-

1. Use the right arrow button to highlight the settings menu - this is the little gear or cog like symbol on the right of the printer display.
2. Press the menu button.
3. Use the down arrow button to scroll down to Administrator menu and then press the OK button.
4. You will see a password prompt on the display. If you set up a password when you first set up your printer then enter the password using the arrow key buttons and then press the OK button. If you have never set a password then just press the OK button.
5. Use the down arrow button to scroll to Power Cleaning, and press the OK button.
6. Press the down arrow button once to place a check mark on all the colors, and press the OK button.

Press the arrow up button to confirm that you want to proceed, and press the OK button to start the power cleaning cycle.
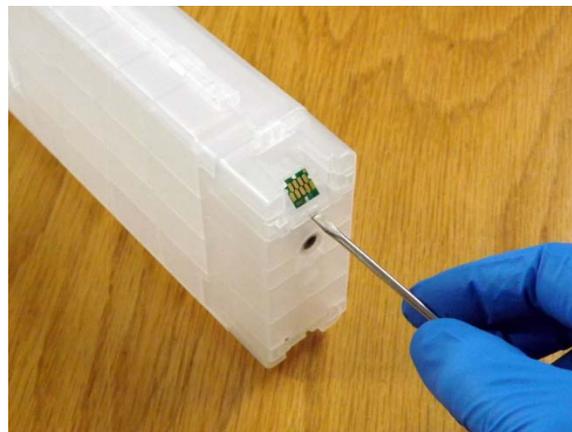
## REFILLING THE CARTRIDGES

Cartridges should be refilled before the ink levels get to within ½' (1 cm) of the bottom of the cartridge.

Before refilling, always double check you are putting the correct color ink into the correct color cartridge. To refill a cartridge, remove the cartridge from the printer and simply remove the bung from the filling hole and using a clean funnel, fill the cartridge with ink to within ½" (1 cm) of the top surface. Remove the funnel and push the bung back into the filling hole. Wash out the funnel with water under a faucet and keep safe for the next time you need to refill.  If the cartridge chip needs changing, install a new chip (see below) and re-install the cartridge.

# RESETTING AND/OR REPLACING CARTRDIGE CHIPS

There are two versions of refillable cartridge available for the SureColor T Series. The first version is for the older T3000, T5000, and T7000 models and these are fitted with ink monitor chips that never run empty – simply keep a check on the ink levels in the cartridge and refill when they get to within ½" of the bottom of the cartridge. The second version is for the newer T3270, T5270, and T7270 models and there are no auto reset chips available as yet for these printers. Cartridge chips will need to be replaced after every 700 ml's of ink usage on each color. Replacement chips are supplied on plastic shells that simply clip into place on the cartridge.

To change a chip, use a small flat blade screwdriver under the shell at the front of the cartridge to lever up the shell and unclip it from the cartridge, as in this picture. The new chip and shell is simply snapped back into place.

# USER TIPS

The use of an Ink2image refillable cartridge system is very simple as long as you remember these important points:-

1. Top up the cartridges regularly with ink. Be aware that certain colors will be used more quickly than others depending on what type of printing you do. Never let the ink levels drop below ½" (1 cm) from the bottom of the cartridge and don't fill higher than ½" (1 cm) from the top of cartridge.

2. If you do accidently let a cartridge run dry, refill the cartridge as described above and then perform two to three power cleans and the color that ran dry to re-prime the printer's ink system with ink.

3. When you have finished printing, always turn your printer off.

4. Always try and use your printer at least once a week, even if you only print one small color print. This will keep the ink fresh in the printer's print heads and reduce the chance of clogging or drying out of the inks. If you are not going to use your printer for more than four weeks, then we recommend removing the ink from the cartridges and flushing the printer with cleaning fluid.

5. The ink cartridge chips can fail from time to time. A failed chip will show up as an 'Install cartridge' message on the printer display. If this happens, then the cartridge will need to be replaced and spare refillable cartridges are available from Ink2image. Replacing the cartridge is simple – just follow the filling cartridges section above. You may want to consider keeping a spare set of refillable cartridges on hand if your printer is used in a production environment where down time is critical.

Apart from these points, you should use your printer just as you would with normal cartridges and, as long as you follow these simple guidelines, you will enjoy trouble free and cost saving printing.

If you require technical assistance or support with your Ink2image refillable cartridge system, please initially contact the store or dealer where the system was purchased. All Ink2image dealers are well trained in the operation of the system and can help with most problems. Alternatively, contact Ink2image technical support on 1-800-443-9508 or 847-827-0747, or at inquiries@ink2image.com.

<u>30 DAY GUARANTEE TO REPLACE DEFECTIVE PARTS</u>

Ink2image guarantees all parts are defect-free for a period of 30 days from the date that you receive your new Ink2image refillable cartridge system. If you have received a defective part, please initially contact the retailer or dealer from where the system was purchased.

<u>DISCLAIMER</u>

Because Ink2image refillable cartridges are self installed by the user, Ink2image is not responsible for any damages to your printer, whether they are or are not related to the Ink2image refillable cartridge system. Please contact the store or dealer where the printer was purchased, or the printer manufacturer for any problems or questions related to the printer and its operation.

If the Customer chooses to use ink in the system from another manufacturer other than Ink2image, and is not satisfied with the ink, or it clogs the printer or the bulk feed system, it will be the Customers responsibility to pay for the parts to repair the system and restore it to normal usage.  We can only guarantee that the Ink2image refillable cartridge system will deliver Ink2image ink just as well as a normal ink cartridge.  We will not accept returns of used systems, or systems filled with third party ink that the customer later decides does not meet their specific needs**.**