



1-888-4-inkowl

# YXD REFILLING SYSTEM INSTRUCTIONS FOR EPSON PRINTERS



Thank you for purchasing our InkOwl YXD Refilling System for your EPSON printer. The YXD Refilling System uses the latest generation of “Spongeless” cartridges which have been improved to increase performance while reducing some of the problems experienced with earlier “Spongeless” cartridges. We have studied many solutions for refilling EPSON printers and have found this solution to be most ideal.

Once installed, cartridges need never be removed from your printer. Furthermore, the “Auto-Reset” Chips and “Spongeless” design make this solution the most reliable and durable as technically possible. Please follow the instructions herein for best results and please do not hesitate to contact us at [auctions@distribution-online.com](mailto:auctions@distribution-online.com) should you have any questions or require assistance.

**NOTE:** These instructions cover a wide variety of printer and cartridge models. The photos herein are intended as a guide to facilitate understanding and may not exactly display your particular cartridge or printer.

## 1. Before Switching Over

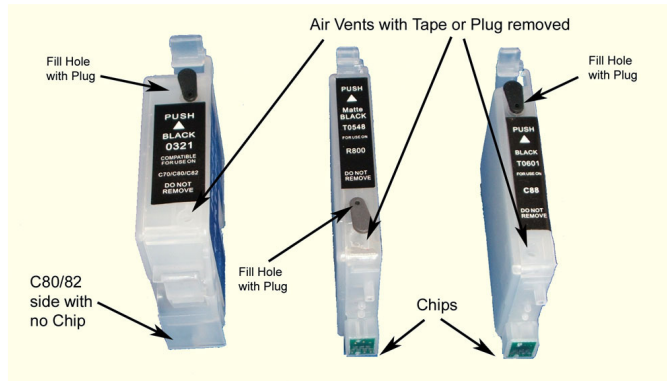
Before replacing the original Epson cartridges with the Spongeless Compatibles please do the following:

- a) Perform a printer nozzle check from the maintenance tab of your printer preferences menu. \*\*
- b) If the nozzle check is not ok, perform cleaning cycles and nozzle checks until it is ok.
- c) Once the nozzle check is ok, print out a document or photo that contains all the colors.
- d) At this point you are ready to switch over to your new Spongeless Refilling System.

**\*\* NOTE:** If your original EPSON cartridges are “empty”, you can skip this section. However, if your printer has not been operational for more than a day or two, it may be very difficult to get the Spongeless system to work properly.

## 2. Installation Instructions

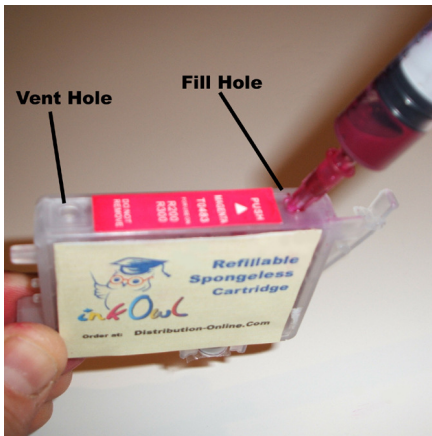
\*\*\* **VERY IMPORTANT** : It is very important to follow the installation instruction **EXACTLY** as described below. **This is ONLY required the first time the cartridges are filled.**



### 2.1 \*\*\* **VERY IMPORTANT** \*\*\*

Your cartridges were shipped with the Tape or Plug removed from the Air Vents. This is required so that the ink may flow. **DO NOT** cover these Air Vent holes for any reason. Remove Tape or Plug if present.

2.2 The Fill Hole is located as shown above depending on the type of cartridge your system came with. Carefully note where the fill hole is located and remove the Plug from the Fill Hole.



### 2.3 \*\*\* **CRITICAL** \*\*\*

Your ink kit may have been supplied with a Syringe and Needle injector where the needle is very sharp and can cause damage to the delicate cartridge wall membranes. It is **VERY IMPORTANT** to insert the needle so that it goes in straight (perpendicular to the walls).

2.4 **FILLING**: Using the method described above, slowly inject the ink into the cartridge from the fill hole. **BE VERY CAREFUL** not to inject into the Vent Hole. Inject about 12-15ml or until almost to the top. Please note that the Black C80/C82 cartridge will require 10ml more.



2.5 Replace the Plug into the Fill Hole and the cartridge is now ready to be inserted into the printer.

2.6 Remove the Old cartridges from the printer.

2.7 Install the New Spongeless Refillable cartridges.

**REPEAT** steps 2.1 to 2.7 for all the cartridges in your refilling system. Be sure to clean the needle and syringe thoroughly with water (or use a different clean syringe/needle) when switching color.

**\*\*\* VERY IMPORTANT \*\*\***

ALL the cartridges provided **MUST** be installed in order for the system to work properly. Your printer may have trouble recognizing the cartridges if they are not all installed. (DO NOT mix the spongeless cartridges with other cartridges.)

### 3. Priming the Printer with the New Cartridges

Perform printer Nozzle Check and Cleaning cycles as per Sections 1a) b) and c). Several cleaning cycles may be required to pump all the air out of the System. It should take no more than 2-3 cycles for the printer to be ready.

If after 2-3 cycles the printer is still not ready then make sure the air vents have been properly cleared as per step 2.1 and refer to Section 5: Troubleshooting and/or <http://www.distribution-online.com/epson> for more information on resolving potential problems.

If at this point there is no improvement to the Nozzle Check pattern, please e-mail us for support at [auctions@distribution-online.com](mailto:auctions@distribution-online.com)

**Note:** After this initial setup is complete, cleaning cycles will be required once in a while as per the normal EPSON operating requirements.

### 4. Refilling and Level Indicator

Once the initial setup is completed, these cartridges may be refillable directly inside the printer. It will not be required to remove them and thus reduce the likelihood of introducing air into the printer nozzles. This will prolong the good operation of both your cartridges and your printer and will reduce the overall number of cleaning cycles your printer will require in order to maintain good operation.

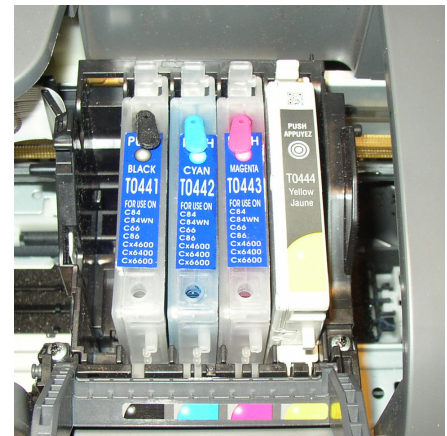
The Level Indicator on these cartridges automatically resets to full when the ink level is low. This will happen automatically when:

- a) the printer would have normally stopped working,
- b) the printer power is turned off/on or
- c) the cartridge is refilled

It is recommended to use method 4 c) and refill the cartridge at this time. Otherwise, the level indicator on the printer will no longer show the right ink level. This can cause the cartridges to become completely empty and cause technical problems.

## NORMAL REFILLING PROCEDURE

When the Level indicator says a cartridge is empty, press the “ink button” on the printer, to make the cartridges accessible, and simply remove the Fill Plug and fill with ink as in steps 4.1 to 4.3 shown below. The Level Indicator on these cartridges will automatically reset to full when the printer is returned to printing mode.



- 4.1 Remove the filling plug from the cartridge.
- 4.2 Fill very slowly with the right color of InkOwl ink. Carefully inject the ink with a syringe and needle. See step 2.3 to make sure the needle does not damage the cartridge.
- 5.3 Wipe clean with a tissue paper as required and replace the plug.

## 5. Troubleshooting

- 5.1 Printer does not recognize or accept the cartridge: Make sure that a good contact is made between the printer and the chip on the cartridge. Make sure that the unrecognized cartridge is well plugged in. You may need to remove it and put it back or wiggle it to ensure it is sitting well in the printer. You may also clean the chip contacts with warm water if you suspect they may be dirty. Make sure you are using the entire cartridge set, do not mix with other cartridge types. These cartridges work as a set.
- 5.2 Nothing is printing out or a Color is missing on the Nozzle Check: Make sure there is ink in the cartridge, the cartridge is not leaking and that the cartridge is well plugged in and sitting correctly in the printer. Also make sure that the Tape or Vent Plug is removed from the air vents as described in step 2.1. If the printer has not been operating for a while, a few Nozzle Checks/Cleaning Cycles may be required.
- 5.3 Visit <http://www.distribution-online.com/epson> for the latest instructions and troubleshooting procedures.
- 5.4 Contact us for any other issue: e-mail: [auctions@distribution-online.com](mailto:auctions@distribution-online.com)

## 6. RECOMMENDATIONS

- 6.1 When you do not use your printer for a long time, always perform Nozzle Checks prior to use.
- 6.2 Print at least one color page every week to keep your printer clean and operational.
- 6.3 It is recommended NOT to remove the cartridges from your printer. Refill them in the printer