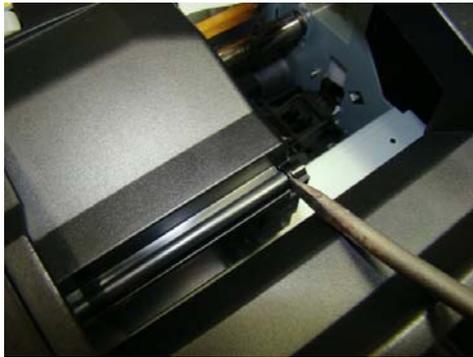


# InkRepublic.com - *R1900 / R2880* i-INK2 Installation

May 10, 2011 (V2.03)

If you have any questions regarding the installation, please contact us at –  
[CustomerCare@InkRepublic.com](mailto:CustomerCare@InkRepublic.com)

1. You need to remove Epson's original cartridge lid in order to install i-INK2 system.



It is the gray colored cover/lid that actually holds the cartridges down when they are installed in the printer.

To remove this lid, you need to find the cartridge cover retaining clip, it is located on front right of the printer carriage.

You then power on your printer and push the "ink" button on the printer panel in order to move cartridge housing to the changing cartridge position. Next, using a small flat tip screwdriver, carefully pry the clip to the right so it will unlock from the carriage lid and release the carriage lid. This small clip may provide some resistance so you may need to pry in several locations to get the clip to release.

2. i-INK parts and components shown as below.

#### **Ink bottles & damper set**



#### **Chips and holders**



3. Install the chipset and chipset holders. If the Red LEDs are solid, then push the "Ink" button on the panel, and push two switches on the chipsets, then push "ink" button again on the printer panel.





Repeat above procedure until you see all the Green LEDs.



For the chipset installation, you can also refer to the following video – <http://www.youtube.com/user/inkrepublic2#p/a/u/1/rAsGDWVeQsg>

3. Prepare the tubes and bottle. Install all the white ink stopper onto each tubes.



Install the sturdy ink tube (which will draw the inks from bottom of the bottle all way to the ink tube and damper). Then attach each ink tube to the bottle cap – make sure you match the color on both ink bottle and the damper/cartridge part. DO NOT mismatch the colors.

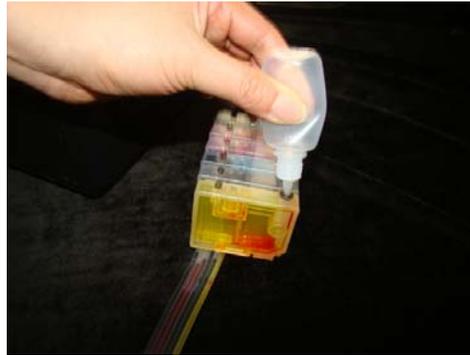


#### 4. Filling inks to the tubes and dampers.

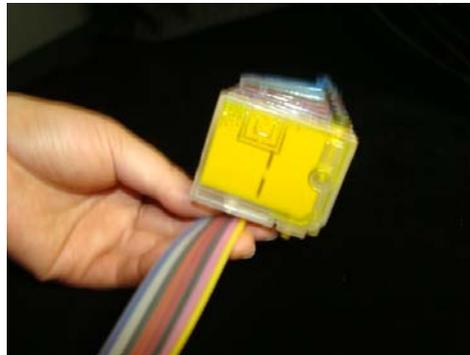
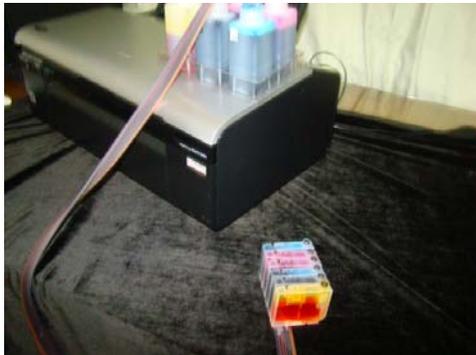
Use the small pump to draw inks from bottle to the damper set one by one. **Please note, to avoid any printing lines, please makes the dampers to be full up on ink, so no air will remain inside of dampers.**

#### **Better way to draw the inks!**

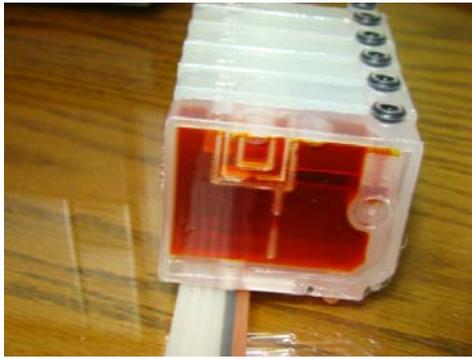
You can put the ink bottles on top of the printer and just vacuum a little bit from very begin.



Then, wait the inks run into the dampers.



Wait till the dampers get full of inks, then lock the ink stopper .  
Do this on all the colors.



**Wrong way to fill the damper!**

**Do NOT keep vacuuming inks, it may introduce air and cause some minor banding on the prints.**



**5. Install dampers (cartridges).**

The cartridge housing must move manually and freely from left to right, right to left, in order to allow you to install tubes and damper set. To achieve, push the “ink” button on the printer panel, when the cartridge housing moves to the change ink position, unplug the power cable from the printer.

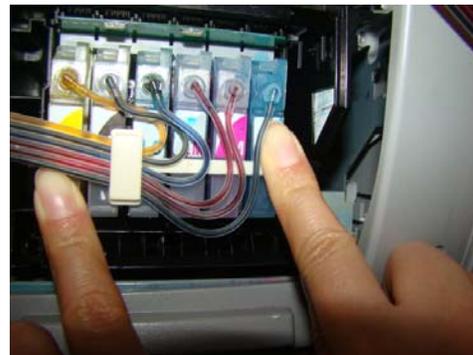
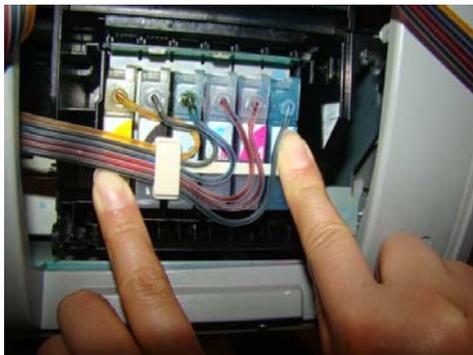
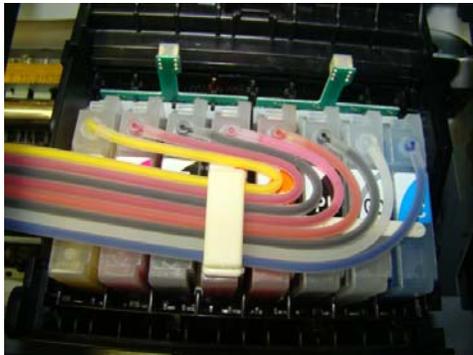




Now, you can install the damperset onto the printer and cartridge housing.



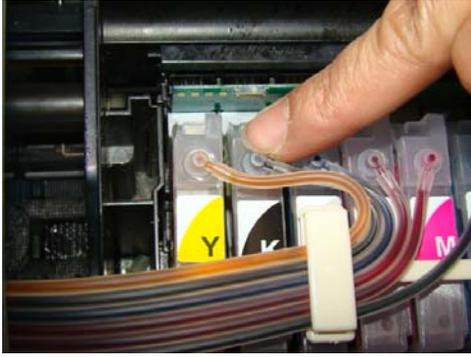
Arrange all the dampers and tubes; Gently press all the color dampers so they can sit firmly and connecting to each print head. Sometimes, you may need to push them a little bit harder so they can have much better connection to the print heads.



Also check all the tubes and make sure they attach to the dampers tightly without any poor connection.

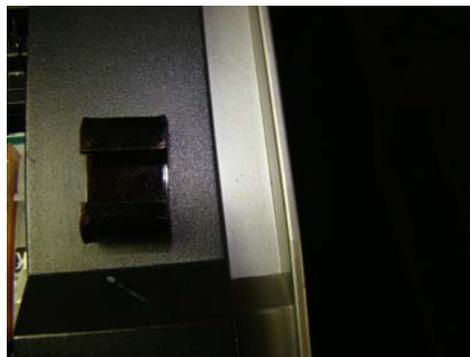
In the whole tube itself, if you find there are some air gaps or bubbles, it will be fine.

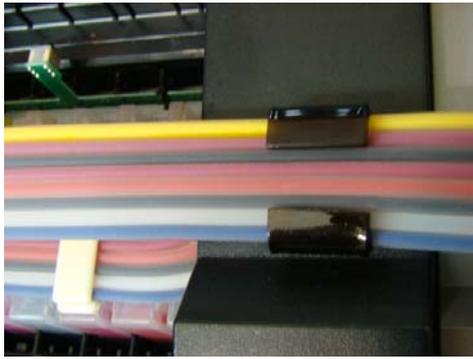
Please just leave it as is.



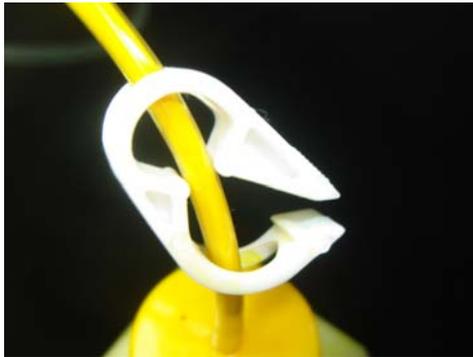
6. Install the tubing bracket and guides.

For R1900 and R2880, you need two small tubing guides and one longer bridge brackets. See their installation positions below.





7. Place all ink bottles right beside to your printer (NOT HIGER than your printer). Release all the ink stoppers. (Unlocked all stoppers)



8. Install the small washer right beside the power button where has a small hole for the printer cover sensor. Use the small washer to cover the hole. **Without installing this washer, printer wont be ready. (Red Light Flashing)**



9. Now we may need to run nozzle clean.



### Nozzle Clean, IMPORTANT!

Right after installing your system, you may need to run two times of nozzle cleans, Then let the printer sitting there about three to four hours if you see any nozzle missing. It then will work well after few hours waiting – before all the inks can settle inside the tubes and damperset.

Please note, DO NOT keep nozzle cleaning for more than three times in an hour, otherwise, it will damage the printer head, and may cause the missing nozzle problem even worse .

Some good tips here (just an example, you can print your own pictures to test):

9.1 After two or three times of nozzle cleans, if the print out is like the following:



9.2. Wait two hours and try again with nozzle check, it may get a little bit better on the prints.



9.3 If you wait up to four hours, then the print should look perfect with no missing lines or nozzles shown in below.



10. R1900 and 2880 waste ink tube installation.

You may choose to install an external waste ink tank system so it can hold all your waste ink externally in the bottles we provide along with the i-Ink system.

For the details of waste ink tube installation, please visit our online knowledge base – <http://www.InkRepublic.com/KnowledgeBase/R1900-R2880WasteInk.asp>

If you have any questions regarding the installation, please contact us at – [CustomerCare@InkRepublic.com](mailto:CustomerCare@InkRepublic.com)