



# Step-by-Step Instructions

## Empty Refillable Compatible Cartridges

(PRINT this set of instructions to follow every time you refill your cartridge)

### Epson T048 Refillable Compatible Cartridges

T0481/T0491, T0482/T0492, T0483/T0493, T0484/T0494, T0485/T0495, T0486/T0496

Read important [chip resetting instructions](#) at the end of this document before you refill.



These refill instructions are for the Epson empty refillable cartridges. First buy a combo pack of empty refillable cartridges. These refillable cartridges come with no ink. These cartridges have an auto reset chip and do not need a chip resetter. Power printer off then on, place all 6 cartridges in printer. Auto reset means, when the cartridge is removed, refilled, and replaced back into the printer the chip will read full again.

**IMPORTANT:** Use all refillable cartridges together; do not mix them with Epson cartridges

1. Put the cartridge on some paper towels in an area where you can tolerate a spill.

**NOTE:** The plug closest to the clip at the back of cartridge is your fill hole.  
The plug closest to the chip is your air vent hole.

2. Remove the plug near the clip at the back of the cartridge. This is your fill hole. Leave the second plug in the air vent hole near the chip side of the cartridge until after your cartridge is full. Once cartridges are full remove the air vent plug near the chip side of the cartridge and set aside. Leave the air vent hole open and unplugged during printing so the cartridge can breathe.

**Turn bottle upside down so just ink leaves the bottle and not any air. Do not squeeze air into the cartridge.**



3. Insert the needle tip into the filler hole. S-l-o-w-l-y inject the ink into the filling hole of the cartridge until the cartridge is filled about 1/8 inch from the top. Leave an air space at the top of the cartridge.

**How to tell how much ink is leaving your bottle:**

**For bottles with needle cap dispensing tip:**

**Holding the bottle upside down, it is 5 mls from the top to the first marker line and then 3 mls each marker line. The bottle has 65mls of ink.**

**Using the syringe needle tip:**

**Draw in 10 ml of ink at a time and dispense by slowly pushing the handle in.**

**The black cartridge will take up to approximately 14ml**

**Black cartridge takes Black Dye ink**

**The color cartridges will take up to approximately 14ml each**

**Yellow takes Yellow**

**Magenta takes Magenta**

**Cyan takes Cyan**

**Light Cyan takes Photo Cyan**

**Light Magenta takes Photo Magenta**

4. Replace the fill hole plug and push it in so the cartridge is airtight.

5. Install the cartridge into the printer and remove the air vent plug and set aside. **Do not remove the plastic on the ink exit port.** The printer will poke the hole in the plastic at the bottom of the ink exit port.

6. Run 1 - 3 cleaning cycles as per printer instructions.

Or print the following pages:

[http://www.freeink4life.com/black\\_print\\_test.html](http://www.freeink4life.com/black_print_test.html)

[http://www.freeink4life.com/color\\_print\\_test.html](http://www.freeink4life.com/color_print_test.html)

Troubleshooting: Printers require you to replace with all refillable cartridges at one time. Otherwise the cartridges can not be detected by the printer. If the printer does not recognize the cartridges clean off the chip area with rubbing alcohol or cleaning solution. (You might have an oily finger print on the chip. Do not touch the chips with your fingers.) Another solution is to clean out the inside of the printer and also make sure the cartridges are pushed all the way in so the printer can read the chip.



**Chip Resetting information:** It is also very important to reset the chips by turning the printer off then on when ink monitor indicates that the ink level is below 10%, and printer indicates that the cartridge is low (red light). Press ink exchange button (ink drop) when ink monitor indicates that the ink level is below 10%, and printer indicates that the cartridge is low (red light). If the cartridge is refilled, but the ink monitor does not indicate that the cartridge is low, you will be unable to reset the chip until the ink monitor indicates that the cartridge is low. For this reason it is best to refill the cartridges only when the cartridge is shown as low. Many users find it more convenient to have two sets of cartridges to precipitate a quick change over when a cartridge is reported empty.

**How can I tell the difference between the fill hole and air vent hole???**

**Open a paper clip and gently put it in one of the holes. Look at the side of the cartridge and if the paper clip is stopped by an internal wall you will know that this is your air vent hole. By putting the paper clip in the fill hole, you will be able to see the paper clip go down into the cartridge to a lower wall.**

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