

# Step-by-Step Instructions

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

Hewlett Packard 51645A/G, 51640A CYM, C6615 (#15),C6628 (#19)  
APPLE M5658G/A



**Items Needed:** gloves, pigmented black ink, # 4 refill station, large black plugs, hand-drill, paper towels and eyelet-screw tool, review hints & tips and check list

**For best results and to avoid printing with out ink and damaging the Printhead (the copper heads where the ink comes out) immediately refill empty cartridges.**

**Before refilling your cartridge find a suitable area where you can tolerate an ink spill. (Fill your cartridges inside the workstation inside the box cover and put down a newspaper with paper towels on top of it)**

**Note: # 4 refill station has two individual parts (station & small plastic U-shape)**

**If you have the 51640 CMY color cartridges, you will need to use cyan, magenta & yellow ink.**

**Syringe:** Attach needle tip (located inside station # 4) to the syringe tightly. Unscrew lid on ink bottle. Puncture silver seal with needle tip making a small hole in the center of seal. Pull the correct amount of ink into the syringe. Rinse syringe and needle tip after every use and before using syringe with another color. Rinse syringe and needle tip with water until the water runs clear.

1.) Turn the cartridge upside down. Place the small plastic U-shape around the center of the cartridge and slide cartridge & U-shape into station with the label facing away from you. There are slots on the inside of the refill station which the U-shape and cartridge will slide down. The U-shape is necessary to use when refilling this type cartridge because it squeezes the sides of the cartridge. This helps to create a slight vacuum in the cartridge. Leave lid open.

2.) Locate the circular black sticker (look carefully). Remove the black sticker and it will reveal a small ball bearing. Knock ball into cartridge using drill or sharp object. Do not drill into the cartridge or hole. This is your fill-hole.

3.) Fill syringe with 10 ml of ink. You will do this 3 times to fill this cartridge. Insert syringe tip into the fill-hole and slowly dispense 30ml of ink. Use large black plugs to seal fill-hole. Squeeze the sides of the filling station to remove any air left in the cartridge. Bring the ink to the very top of the cartridge and then plug the cartridge while you are still squeezing the filling station. Make sure plug fits into fill-hole securely. If plug is not secure, the cartridge will leak. If you need to remove the plug for any reason, please use the eyelet-screw tool by simply screwing eyelet tool into center of plug and lift out plug out. Plug will remain on eyelet tool. When you are ready to re-plug the fill hole, push the plug down into the cartridge and pull out eyelet screw tool.

4.) Remove cartridge from refill station and remove U-shape from cartridge. Gently blot off any excess ink from printhead using dry paper towel.

5.) After refilling, remove cartridge from refill station. Without the cartridge "printhead" touching the paper towels, place refilled cartridge upright upon folded paper towels and tilt cartridge at a slight angle. If the printhead on the cartridge is touching the paper towel, it could create a wicking effect that would pull the ink from your refilled cartridge. It is necessary for the cartridge to set at least 20 minutes after refilling because there maybe some minor leakage from the cartridge.

6.) After 20 minutes, if cartridge is not leaking or forming a drip, gently press a dry paper towel against the printhead. A line of ink should show on the paper towel. If no ink appears, wet the paper towel with warm water and gently hold it against the printhead until ink shows on the paper towel. Do not place a leaking or dripping cartridge in the printer.

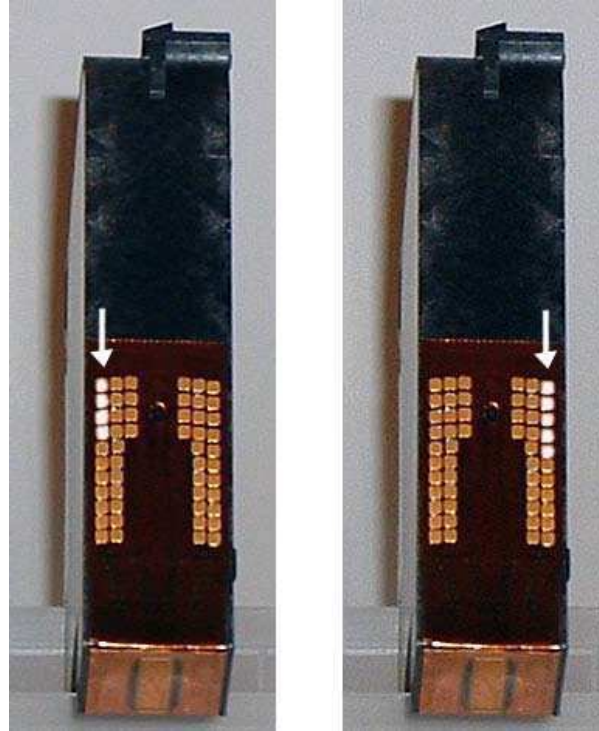
**PLEASE NOTE: If you have tried printing with your cartridge completely out of ink, you may have damaged the printhead. Inkjet printers work by heating a resistor inside the printhead which heats the ink before it is sprayed onto the paper. If there is no ink to keep the resistors cool, you stand the chance of frying them. In your worst case you will need to buy a new cartridge.**

7.) Place cartridge in printer and run a print test. Or Print 3 pages using:

[http://www.refills4you.com/support/black\\_print\\_test.html](http://www.refills4you.com/support/black_print_test.html) Black ink test  
[http://www.refills4you.com/support/color\\_print\\_test.html](http://www.refills4you.com/support/color_print_test.html) Color ink Test

\*Note: If cartridge is leaking after 20 minutes, place cartridge upside down back in the refill station using the Ushape. Remove plug using the eyelet screw tool, squeeze the sides of the filling station to remove any air left in the cartridge. Bring the ink to the very top of the cartridge and then replug the cartridge while you are still squeezing the filling station. Re-plug using the same plug. Make sure the plug is secure in fill-hole. Plug has to fit tight in fill-hole or cartridge will leak. Repeat step 5. After refilling cartridge, if your printer does NOT recognize the filled cartridge, you may need to "reset" the ink level indicator. Please see instructions for resetting HP 51645/C6615 inkjet cartridges.

## Resetting The Estimated Ink Level Indicator Hewlett Packard 51645, C6615 Black



- 1.) Remove refilled cartridge from printer.
- 2.) Cover the top left four contacts (copper circuits on back of inkjet cartridge) with a piece of scotch tape. (see Photo1) Do not mash or rub tape on contact. Gently apply pressure in order to get tape to stick.
- 3.) Place taped cartridge back in printer & close printer lid. Wait 20-30 seconds.
- 4.) Lift the printer lid. Wait 30-45 seconds. You may receive an error message or printer lights may blink. This is okay.
- 5.) Remove the cartridge from printer.
- 6.) Remove tape from left four contacts. Place tape on right four contacts. (See Photo 2)
- 7.) Place taped cartridge in printer & close printer lid. Wait 20-30 seconds.
- 8.) Lift the printer lid. Wait 30-45 seconds. You may receive an error message or printer lights may blink. This is okay. Remove cartridge from printer.
- 9.) Remove tape from right four contacts.
- 10.) Place the cartridge in printer. Ink level Indicator should read cartridge is full. You may have to repeat process if cartridge does not read full.

\*Note: Make sure that there is no remaining tape adhesive on contacts. Carefully examine the contacts to make sure no residue of tape adhesive is apparent on copper contacts. Gently blot any remaining adhesive off contacts. It is important that you do not rub or wipe the contacts.

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