

# Step-by-Step Instructions

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

Hewlett Packard C1816A (#16)

HP51649 & Type 49 Photo Cartridge  
Many different HP DeskJet 600 Series Printers



**Items needed: gloves, photo/light cyan, photo/light magenta & black dye, Tape, penknife, review hints & tips and check list. Do not plug fill hole.**

**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. Using the correct color 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. The filler holes are located under the green or blue top. The green or blue top must be removed before refilling by carefully prying it off with a thin metal blade, such as a penknife. Alternatively lay the cartridge on its side, hold down firmly, and strike the green top with a blunt instrument to break its seal.

2. Insert the filling needle into the filler hole of the color to be refilled, (see diagram above or insert a toothpick and withdraw it to be sure) and push downwards until the filling needle reaches the center of the cartridge. Note: The cartridge contains a sponge and a slight resistance may be felt.

**Important: When you take off the color cartridge cap will notice that the sponge is white. Do not change the sponge color. Fill the individual colors until the color just begins to show in the white sponge.**

3. Using the correct color pull the correct amount of ink into the syringe. Place the syringe deep inside of each of the fill-holes. See picture and fill colors as shown. A little ink might come out of the top when full, so cover up the other holes while filling one. Gently push the syringe to S-l-o-w-l-y release thru the syringe 6 ml of ink into each of the three fill-holes. Since the cartridge is sponge-filled, it is necessary to refill slowly in order that the ink can sufficiently saturate the internal sponge. If ink begins to “bubble” out of the fill-hole, remove needle tip. Bubbling occurs when a cartridge is either over-filled or if ink is being inserted too quickly. Wait several minutes and then try to s-l-o-w-l-y insert more ink. If ink begins to bubble out the fill hole or leak from the printhead, you have plenty of ink in the cartridge.

4. Please note that colored ink is not equally used and each chamber may not require the same amount of ink.

5. After refilling, blot off any excess ink from around fill-holes. The top can be refitted and secured with adhesive/scotch tape. Without the cartridge printhead touching the paper towels, place refilled cartridge 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 your cartridge to sit for at least 20 minutes after refilling because there maybe some minor leakage from the printhead.

6. Do not plug fill-hole.

7. Check the ink flow by gently pressing a dry paper towel against the printhead. You should see 3 colored dots of ink on paper towel. If not, gently press a warm wet paper towel against the printhead until dots are visible.

9.) Make sure cartridge is not leaking or forming a drip. Place cartridge in printer and run print test. Or print 2 pages at this test site:

<http://www.inkonline.net/support/colorinktest>    [Color Ink Test](#)

For best results, leave cartridge in printer for 8 hours after refilling so the ink can saturate the entire sponge. (Allows ink to flow to the print head). Note: Empty cartridges should be refilled immediately.

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