

HP870C3BK

REFILL INSTRUCTIONS

For HP® 51641A COLOR CARTRIDGES

Contents:

Your kit should contain the following: 1 4oz bottle of black ink, 3 2oz bottles of color ink, 1 10cc ink injector, 2 polly wipeS, 3 steel ball bearings, 1 drill tool, 4" needle, 4 black seals, push tool, instructions.

If any of these items are missing please call us for a replacement item or kit.



Instructions for color cartridge.

- 1) Put the cartridge on some newspaper or other suitable material in an area where you can tolerate a spill.
- 2) Look at the top of the cartridge. You will notice three indentations with plugs in them. A few of these cartridges don't have these holes, so you will need to drill 3 holes, one over each color chamber.
- 3) Push the plugs into the cartridge with the golf tee. Typically, when looking from the side with the copper contacts, the colors from left to right are cyan, magenta, and yellow. However, to determine which color ink is in the chamber, insert a toothpick and check the color of the ink on the toothpick.
- 4) **On this cartridge, it is important to only fill the color which is empty, since over-filling can damage the cartridge.**
If any ink comes out of the bottom of the cartridge, immediately blot it with a paper towel to prevent the ink from seeping back into a less full chamber and causing cross-color contamination. Insert the syringe needle **fully** into the hole, angling toward the front. We suggest that you tape over the other two holes while filling to avoid accidental color contamination.
- 5) Inject 8-10 ml of ink into the fill hole slowly. **Go slowly** or you will develop air pockets in the lower sponge, which will block ink flow. **Do not add additional ink!**
- 6) If the ink starts to seep out of the print head, the cartridge is over filled. Immediately blot the ink from the bottom of the cartridge to keep it from seeping up into the other chambers.
- 7) The holes on top must be open during printing. If you plan to store the cartridge for later use put tape over the holes.
- 8) Set the cartridge on a paper towel for 15 to 20 minutes as a drip precaution. Do not allow the printhead to touch the paper, since the paper will draw out the ink.

To Clean the Printhead

1. Follow the directions in the printer manual to run the printhead cleaning routine.
2. Be sure that you don't have an air bubble problem.
 - If cleaning the printhead causes the situation to get worse rather than improve, you probably have an air bubble problem.
3. If you have an air bubble problem, you need to re-inject some ink very deep into the cartridge.
4. If this doesn't work, take the cartridge to the nearest hot water faucet.
 - Turn on the hot water and let it get hot.
 - Put only the printhead portion (where the ink comes out) under the hot water for 2 to 3seconds.
 - Pat dry the cartridge using a paper towel.
 - Re-insert the cartridge into the printer.
 - Run the normal printhead cleaning routine a few times.
5. If this doesn't work, soak only the printhead in hot water for up to 2 hours. You may add up to 50 percent ammonia for really tough clogs.