



247INK TECHNICAL SHEET

HP Expired Cartridge Fix

HP have dated newer versions of their cartridges, so even if it is a brand new, never been used before cartridge it may not work when you install it purely because it has been sitting on the shelf too long – even if there is nothing wrong with it!!

People have contemplated performing surgery on the cartridges, replacing the chips or even setting their computer's system clock back to a year earlier (as though the only reason for a system clock is to inform your printer). None of these suggestions seemed like a reasonable fix.

We were sure there must be a way to circumvent this measure, and whilst trawling the web for inspiration found this article published by a helpful soul who has obviously suffered the indignation of having a perfectly good cartridge rejected on the basis of its embedded date.

Apparently there is a small battery in these printers that keeps a CMOS memory chip alive!! The following instructions may work on other printers, but this is particularly for the D125xi.

After opening the printer up, as shown in the images below, the battery is located on the left inside, near the front of the machine, it is a small button-type battery, held in place by a spring clip.

First, disconnect the power and the printer cable, just to be sure. Then reach inside and carefully remove the battery. Waited for about an hour, and then reinsert the battery and plug everything back in. This should be all you need to do, but we cannot guarantee results across the range of models/types.

Here are a few photos which will help you find the battery on a D125xi. Other models may or may not have a battery, and its location may be different.



Red dot shows general location of battery, on left inside panel, near front of machine.



View looking toward left-inside. Red arrow points toward battery.



Actual view of battery.

The battery is difficult to reach, and the spring clip is pretty strong-- it isn't easy to remove.

Notice the small white plug with the black/red wires coming out. It's reasonable to assume that one could cut the red wire, and install an on/off (SPST) switch in the front panel, to accomplish the same effect.

Another good reason for installing the switch is that the printer has an "out of ink" indicator. This only works once with each cartridge. HP has provided a method to turn this feature off, but when you do you risk ruining the printhead if you let the cartridge run out of ink after a refill. If you reset the printer by removing power from the battery after a refill, the printer will believe it has a new cartridge, and the "out of ink" indicator will work indefinitely.

We recommend that if you are at all unsure about carrying out this procedure, simply replace the cartridge.