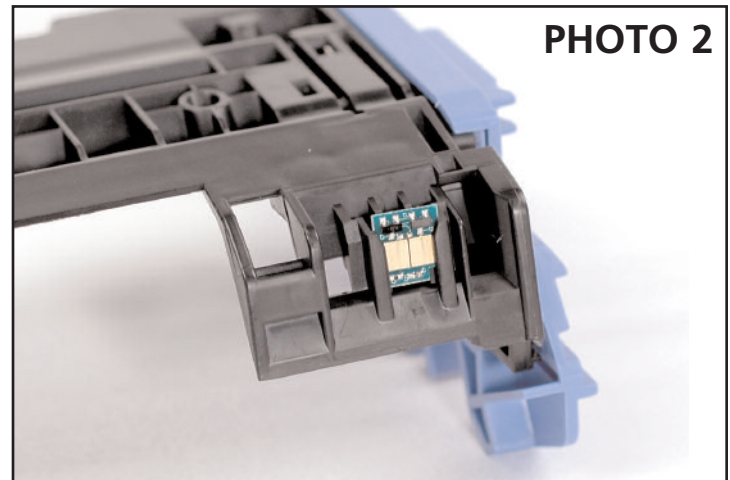
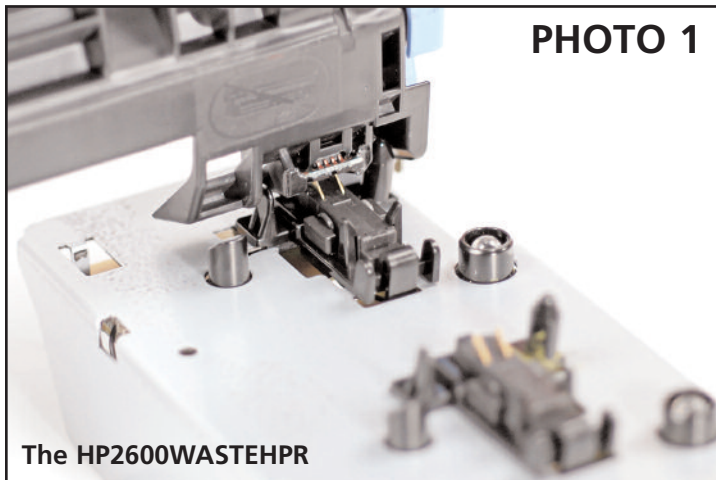


HP 2600 Chip Technical Update

10.100x Errors
Attention Remanufacturers:

The use of any aftermarket HP2600 compatible replacement chip has the potential to cause a 10.100X error. This is because, as the printer ages, the contacts tend to lose their springiness. The following suggestions should eliminate any problems.

1. The HP2600WASTEHPR will greatly reduce the amount of movement of the contact alignment pins. When using the HP2600WASTEHPR, the chip can be replaced easily every time without cutting the chip alignment rails. **See photo 1**
2. If an error occurs, rock the cartridge slightly to assure that the contacts are touching the chip correctly.
3. Verify correct placement of chip on the waste hopper. **See photo 2**
4. Do not post test a chipped cartridge after remanufacturing. Also, for example, if you are rebuilding the HP2600 cartridge and testing it in a HP2605 printer, the **PRODUCT WILL LOSE ITS UNIVERSALITY AND BE DEDICATED TO THAT ENGINE.**



Chips 101

The chip has a couple of different functions.

1. It is basically a memory device that records or transmits the following information:
 - A. Cartridge serial number and verification that it will work in a particular printer
 - B. Printer page count
2. The chip interacts with the Memory Control PCB (inside the printer) and this board does the following:
 - Memory Controller PCB** – The first 75% of the cartridge life – It retains developer rotations, OPC rotations, toner level (pixel counts and light pipe values), and cartridge serial number.
 - Optical Sensor** – The last 25% of the cartridge life.