



# Product End-of-Life Disassembly Instructions

**Product Category:** LaserJet Printers

**Marketing Name / Model**  
 [List multiple models if applicable.]

- HP Color LaserJet CP4525n/CC493A
- HP Color LaserJet CP4525dn/CC494A
- HP Color LaserJet CP4525xh/CC495A

**Purpose:** The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP products to remove components and materials requiring selective treatment, as defined by EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).

## 1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment.

1.2 Enter the quantity of items contained within the product which require selective treatment in the right column, as applicable.

| Item Description   | Notes  | Quantity of items included in product |
|--|--|---------------------------------------|
| Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA)                         | With a surface greater than 10 sq cm<br>CP4525n<br>CP4525dn<br>CP4525xh  | qty/model<br>16 all bundles           |
| Batteries  | All types including standard alkaline and lithium coin or button style batteries<br>For all models:<br>- Carbon monofluoride lithium coin cell<br>- on PCA | 1                                     |
| Mercury-containing components  | For example, mercury in lamps, display backlights, scanner lamps, switches, batteries  | None                                  |
| Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm                      | Includes background illuminated displays with gas discharge lamps  | None                                  |
| Cathode Ray Tubes (CRT)  | [not present]  |                                       |
| Capacitors / condensers (Containing PCB/PCT)   | [not present]  |                                       |
| Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height | Located on PCB on top/rear of printer  | 1                                     |
| External electrical cables and cords   | - power cord   | 1 -                                   |

|  |  |   |
|--|--|---|
|  |  | detachable;<br>will vary,<br>dependant<br>on end<br>user                    |
| Gas Discharge Lamps  | [not present]  |   |
| Plastics containing Brominated Flame Retardants  | Plastic parts installed in close proximity to heating/fusing units and paper path parts contain brominated flame retardants. Further, industry standard parts including fans, motors, cables, connectors, wiring and printed circuit boards also typically contain these flame retardants. | 27 molded plastic parts; all motors, fans, connectors, wiring and PC boards |
| Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner | Include the cartridges, print heads, tubes, vent chambers, and service stations.<br>- 4 toner cartridge(s), 1 Toner Collection Unit (TCU), 1 ITB (see below)   | 6   |
| Components and waste containing asbestos   | [not present]  |   |
| Components, parts and materials containing refractory ceramic fibers                                 | [not present]  |   |
| Components, parts and materials containing radioactive substances                                    | [not present]  |   |

## 2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

| Tool Description      | Tool Size (if applicable) |
|-----------------------|---------------------------|
| Phillips Screw Driver | #2                        |
|                       |                           |
|                       |                           |
|                       |                           |
|                       |                           |

## 3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment:

1. Remove toner cartridges and toner waste containers, if applicable.
2. Remove the outer housing skins and sort according to markings.
3. Disassemble the chassis using appropriate tools and set aside items requiring selective treatment.
- 4.
- 5.
- 6.
- 7.
- 8.

3.2 Optional Graphic. If the disassembly process is complex, insert a graphic illustration below to identify the items contained in the product that require selective treatment (with descriptions and arrows identifying locations).

## ITB (Intermediate Transfer Belt) Recycling Instructions

**Product name(s):** Color LaserJet CP4525 series printers

**Product model(s):** CP4525n (CC493A), CP4525dn (CC494A), CP4525xh (CC495A)

**Part number(s):** Image Transfer Kit (CE249A)

### Recycling Providers:

It is suggested the ITB transfer assembly be removed from the printer before any recycling activities begin. The assembly is found on the inside of the printer's right side door. It can be removed by doing the following:

- Open the right side door.
- Press the blue lever on the left side of the T2 roller assembly to allow it to pivot down and out of the way.
- Grab the black handles (with the blue labels) on each side of the ITB and pull the ITB assembly to slide it out of the printer.

The ITB will have a small waste toner reservoir on its end. HP strongly recommends that the recycler not take attempt to recycle the ITB unit and, instead, send it back to an HP approved recycling facility packaged in a sealed plastic bag. More information on how this is to be accomplished can be found at the following website:

<http://www.hp.com/hpinfo/globalcitizenship/environment/recycle/recycler/index.html>

The ITB transfer assembly will contain toner material. For further safety and handling information for the toner used in these products, please see Material Safety Data Sheet (MSDS) information: <http://www.hp.com/go/msds> It is strongly recommended that the recycler read the MSDS before starting any disassembly. Standard precautions and procedures include the following:

Accidental Releases: Spill or Leak Procedures – Minimize the release of toner material and avoid breathing toner material. If a vacuum is used in recycling, the vacuum must be rated as dust-explosion proof.

Physical and Chemical Properties: Toner, like most organic materials in powder form, is capable of creating a dust explosion.

Disposal Considerations: Do not put the ITB transfer assembly into fire; heated toner may cause severe burns. Do not shred or grind the transfer assembly unless dust-explosion prevention measures are taken. Dispose of in compliance with federal, state, and local regulations or return to HP for recycling via HP Planet Partners by visiting <http://www.hp.com/recycle> .

If the recycler decides to dispose of the waste toner and proceed with the recycling steps, please adhere to the following procedure.

1. Place fingers outboard of the waste toner reservoir at the end of the ITB. See Figure 1.



Figure 1

2. Press up on the snap features to remove the reservoir cover.
3. Remove the cover and be aware that this reservoir will likely contain at least a few tablespoons of the waste toner material. See Figure 2



Figure 2

4. Turn the ITB over and tap it 2-3 times to remove the waste toner from the reservoir. Ensure that this powdered material is disposed of properly.
  
5. The ITB assembly is now essentially emptied of waste toner and can be recycled accordingly.