



Product End-of-Life Disassembly Instructions

Product Category: Personal Computers

Marketing Name / Model

[List multiple models if applicable.]

Name / Model #1: HP BladeSystem PC Blade Switch (see Figure 1)

Name / Model #2

Name / Model #3

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	2 (system bd, daughter bd)
Batteries	All types including standard alkaline and lithium coin or button style batteries	1 (underside of daughter board)
Mercury-containing components	For example, mercury in lamps, display backlights, scanner lamps, switches, batteries	
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm	Includes background illuminated displays with gas discharge lamps	
Cathode Ray Tubes (CRT)		
Capacitors / condensers (Containing PCB/PCT)		
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height		2
External electrical cables and cords		
Gas Discharge Lamps		
Plastics containing Brominated Flame Retardants		
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.	
Components and waste containing asbestos		
Components, parts and materials containing refractory ceramic fibers		
Components, parts and materials containing radioactive substances		

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)
Description #1 Flat blade, torx (T15) screwdriver	Torx: T-15
Description #2 3/16-inch nut driver	
Description #3	
3.0 Product Disassembly Process	

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

DAUGHTER BOARD

- 1 Turn the three black levers that secure the daughter board to the system board to a horizontal position to align with the slots (see Figure 2 below).
- 2 Remove the screw from each of the two metal retaining clips that secure the daughter board to the metal tray (see Figure 3 below).
- 3 Remove two 3/16-inch hex nuts from the rear panel (see Figure 3 below). Remove the mid-plane assembly.
- 4 Lift the top of the daughter board, and then pull it toward the open end of the tray until the connectors on the back of the board are free from the metal tray.
- 5 Lift the daughter board out of the tray.

DAUGHTER BOARD BATTERY

- 1 Lay the daughter board on its top so that the components are visible.
- 2 Use a flat blade screwdriver to lift off the plastic cap marked "DALLAS POWERCAP". The battery is located in the plastic cap (see Figures 4 & 5 below).
- 3 Pry the battery from the plastic cap using the flat blade screwdriver.

SYSTEM BOARD

- 1 Using a T15 driver, remove the two remaining screws that secure the system board to the metal tray (see Figure 6 below).
- 2 Slide the board forward about 12 mm (½ inch) toward the open end of the tray.
- 3 Lift the system board up and out of the tray.

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).

FIGURE 1: Switch

FIGURE 2: Lever that secures daughter board to system board

FIGURE 3: Daughter board retaining clips **hex nuts**

FIGURE 4: Daughter board battery location

FIGURE 5: Daughter board battery

FIGURE 6: System board screws